

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085315.D
 Acq On : 9 Mar 2016 23:01
 Operator : UM/SJ
 Sample : H1724-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Quant Time: Mar 09 23:52:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	173818	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	632616	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	311476	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	599962	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	443774	20.00	ng	-0.03
86) Perylene-d12	15.58	264	264796	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	956802	92.33	ng	-0.02
7) Phenol-d6	6.57	99	1299288	95.70	ng	-0.03
23) Nitrobenzene-d5	7.51	82	772132	65.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	276346	103.69	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1219400	59.54	ng	-0.05
78) Terphenyl-d14	13.07	244	1195373	62.53	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	146960	27.73	ng	98
3) Pyridine	3.44	79	446577	33.67	ng	98
4) n-Nitrosodimethylamine	3.38	42	180498	31.80	ng	94
6) Aniline	6.61	93	462890	24.33	ng	96
8) 2-Chlorophenol	6.73	128	434171	34.80	ng	94
9) Benzaldehyde	6.49	77	107945	13.48	ng	91
10) Phenol	6.58	94	468281	32.21	ng	99
11) bis(2-Chloroethyl)ether	6.68	93	370922	30.71	ng	91
12) 1,3-Dichlorobenzene	7.12	146	404074	30.17	ng	99
13) 1,4-Dichlorobenzene	6.96	146	413150	30.78	ng	97
14) 1,2-Dichlorobenzene	7.12	146	404004	33.17	ng	95
15) Benzyl Alcohol	7.09	79	392235	39.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	487975	28.03	ng	98
17) 2-Methylphenol	7.20	107	367119	36.06	ng	99
18) Hexachloroethane	7.46	117	147797	29.85	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	296472	33.51	ng	96
20) 3+4-Methylphenols	7.35	107	413442	34.29	ng	92
22) Acetophenone	7.36	105	544024	35.23	ng	# 90
24) Nitrobenzene	7.53	77	404689	33.70	ng	# 83
25) Isophorone	7.77	82	738615	33.71	ng	# 93
26) 2-Nitrophenol	7.84	139	190088	32.53	ng	# 69
27) 2,4-Dimethylphenol	7.89	122	362311	33.92	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	463029	37.95	ng	99
29) 2,4-Dichlorophenol	8.08	162	299167	34.73	ng	89
30) 1,2,4-Trichlorobenzene	8.17	180	326833	35.10	ng	98
31) Naphthalene	8.25	128	1064050	34.21	ng	99
33) 4-Chloroaniline	8.30	127	279004	22.17	ng	94
34) Hexachlorobutadiene	8.37	225	156658	32.33	ng	97
35) Caprolactam	8.66	113	108112	38.43	ng	91
36) 4-Chloro-3-methylphenol	8.78	107	342841	35.08	ng	98
37) 2-Methylnaphthalene	8.95	142	734414	36.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	279931	31.43	ng	99
40) Hexachlorocyclopentadiene	9.10	237	282346	58.77	ng	100
42) 2,4,6-Trichlorophenol	9.22	196	251869	37.98	ng	98

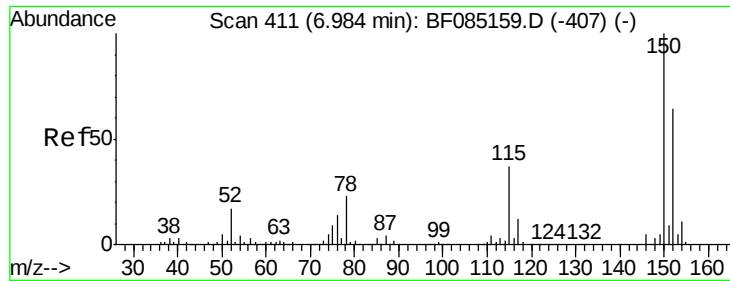
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	223547	35.56	ng	95
45) 1,1'-Biphenyl	9.41	154	795993	29.91	ng	98
46) 2-Chloronaphthalene	9.43	162	635200	31.31	ng	92
47) 2-Nitroaniline	9.53	65	218017	34.69	ng	# 55
48) Acenaphthylene	9.85	152	1097233	34.76	ng	98
49) Dimethylphthalate	9.72	163	1155784	48.34	ng	100
50) 2,6-Dinitrotoluene	9.77	165	192552	37.65	ng	94
51) Acenaphthene	10.02	154	661310	34.50	ng	98
52) 3-Nitroaniline	9.94	138	180990	29.58	ng	88
53) 2,4-Dinitrophenol	10.05	184	62765	29.78	ng	# 33
54) Dibenzofuran	10.20	168	916676	36.50	ng	98
55) 4-Nitrophenol	10.10	139	331797	69.00	ng	95
56) 2,4-Dinitrotoluene	10.17	165	221555	33.85	ng	97
57) Fluorene	10.54	166	713671	36.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	171056	38.73	ng	97
59) Diethylphthalate	10.41	149	806973	34.78	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	314243	32.74	ng	96
61) 4-Nitroaniline	10.55	138	198577	34.70	ng	98
62) Azobenzene	10.69	77	778557	34.06	ng	98
64) 4,6-Dinitro-2-methylphenol	10.58	198	106064	29.53	ng	98
65) n-Nitrosodiphenylamine	10.65	169	662815	35.52	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	190582	32.71	ng	93
67) Hexachlorobenzene	11.09	284	215104	34.61	ng	# 92
68) Atrazine	11.18	200	229682	44.26	ng	94
69) Pentachlorophenol	11.28	266	226477	65.65	ng	98
70) Phenanthrene	11.50	178	1002405	31.88	ng	99
71) Anthracene	11.56	178	1134645	33.99	ng	99
72) Carbazole	11.70	167	944990	32.29	ng	99
73) Di-n-butylphthalate	12.04	149	1256467	33.96	ng	99
74) Fluoranthene	12.69	202	1071212	33.95	ng	98
76) Benzidine	12.80	184	359742	27.24	ng	98
77) Pyrene	12.92	202	1059195	31.71	ng	100
79) Butylbenzylphthalate	13.53	149	509621	33.63	ng	89
80) Benzo(a)anthracene	14.11	228	853409	32.12	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	140378	16.75	ng	# 95
82) Chrysene	14.14	228	638499	26.02	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	633999	31.79	ng	# 98
84) Di-n-octyl phthalate	14.70	149	848881	27.95	ng	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	552677	28.86	ng	98
87) Benzo(b)fluoranthene	15.18	252	1091090	61.82	ng	# 96
88) Benzo(k)fluoranthene	15.18	252	1091690	76.68	ng	98
89) Benzo(a)pyrene	15.51	252	491897	33.63	ng	# 95
90) Dibenzo(a,h)anthracene	17.05	278	466696	37.38	ng	99
91) Benzo(g,h,i)perylene	17.49	276	470256	37.46	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085315.D

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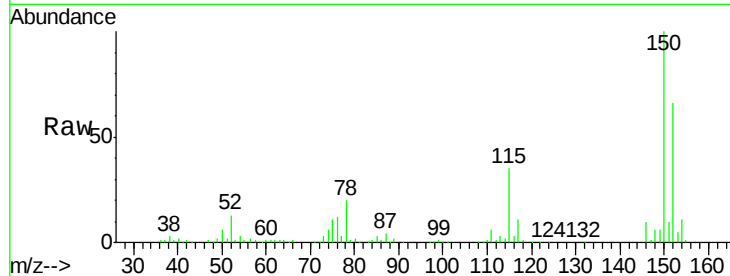
Tgt Ion:152 Resp: 173818

Ion Ratio Lower Upper

152 100

150 152.0 124.6 186.8

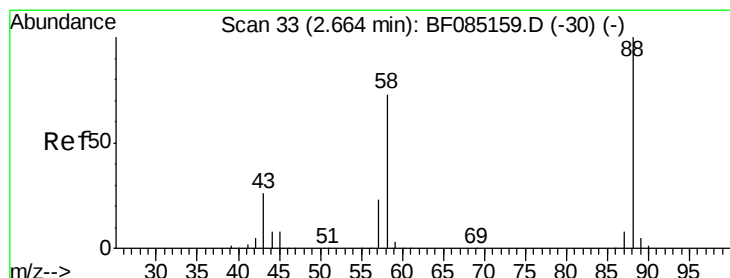
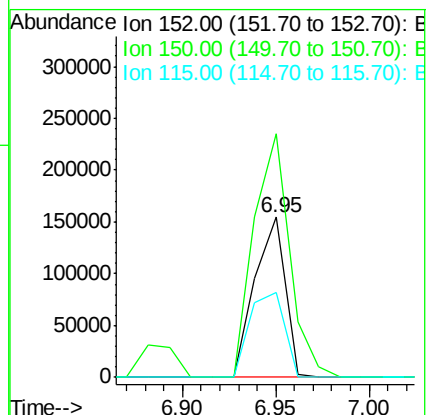
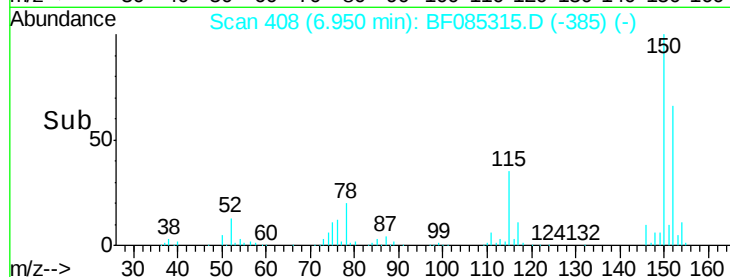
115 53.2 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.73 ng

RT: 2.69 min Scan# 35

Delta R.T. 0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

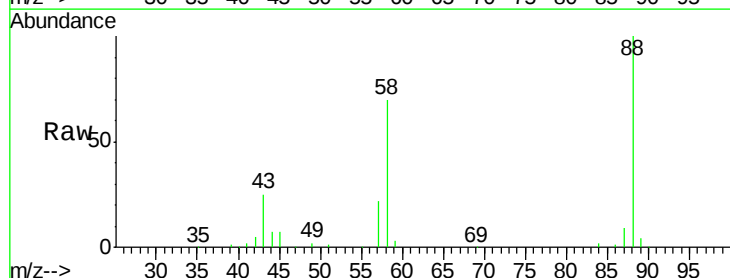
Tgt Ion: 88 Resp: 146960

Ion Ratio Lower Upper

88 100

58 69.9 57.0 85.6

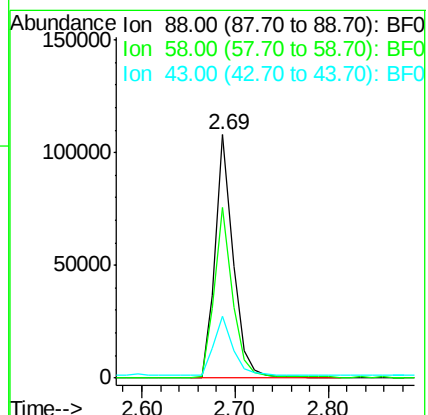
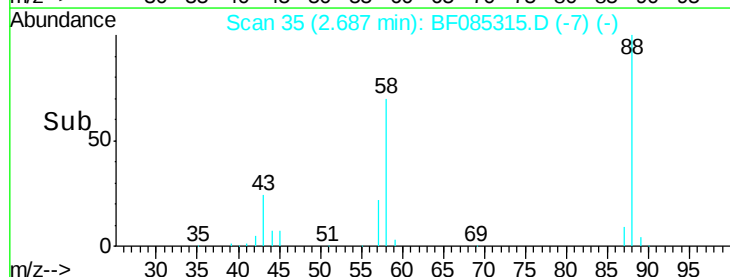
43 25.1 20.5 30.7

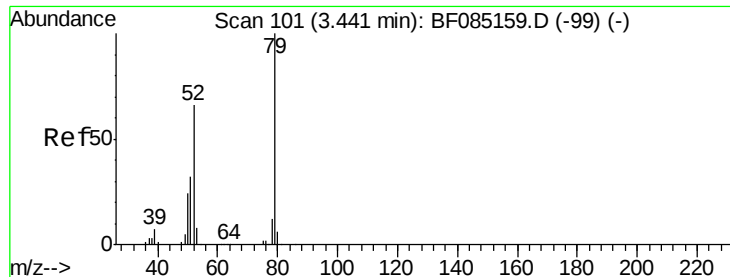


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.67 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.00 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

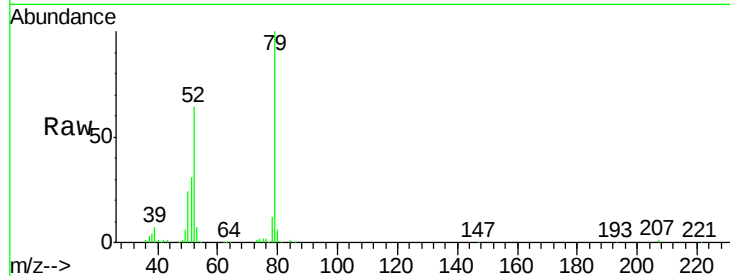
Tgt Ion: 79 Resp: 446577

Ion Ratio Lower Upper

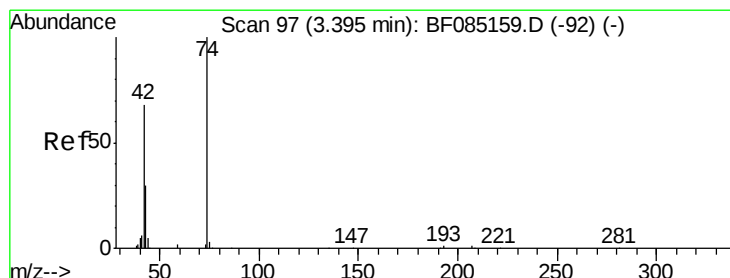
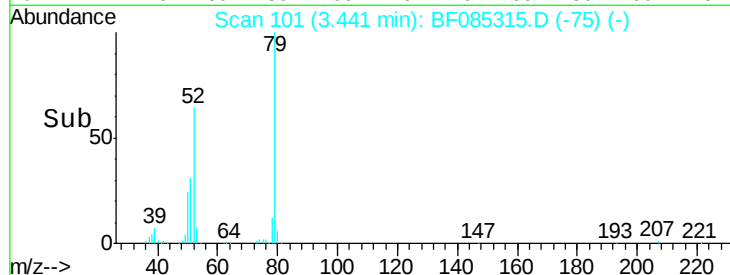
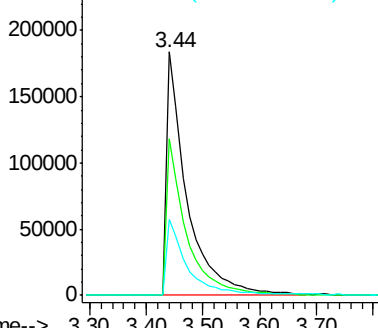
79 100

52 64.1 52.6 79.0

51 31.3 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.80 ng

RT: 3.38 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

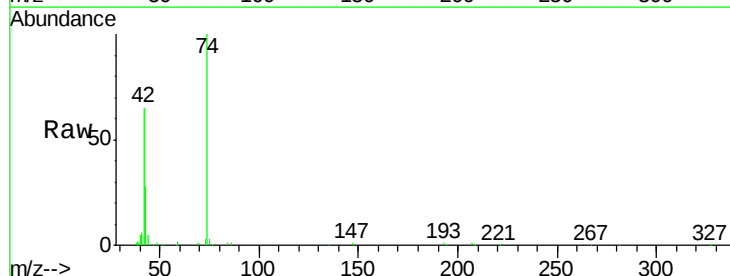
Tgt Ion: 42 Resp: 180498

Ion Ratio Lower Upper

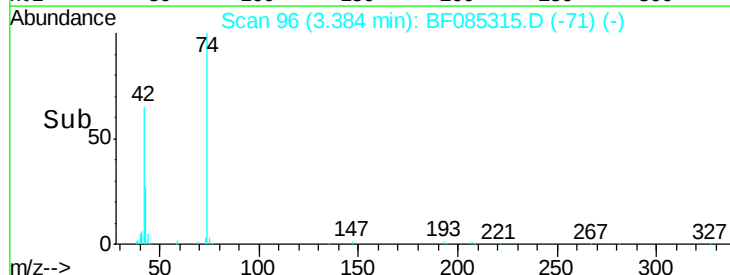
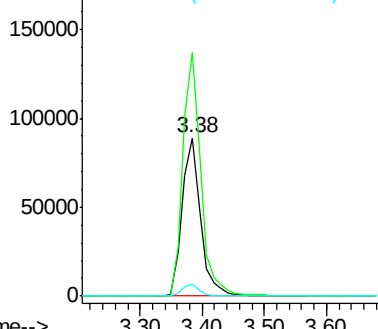
42 100

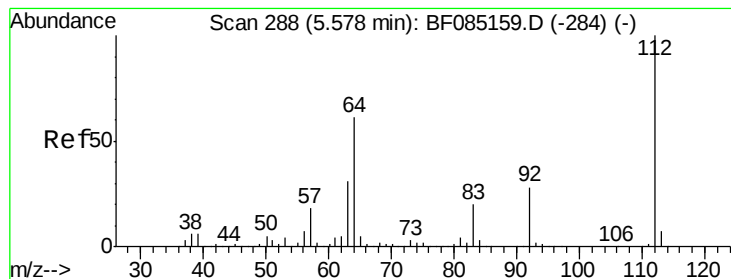
74 153.8 116.8 175.2

44 7.3 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 92.33 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

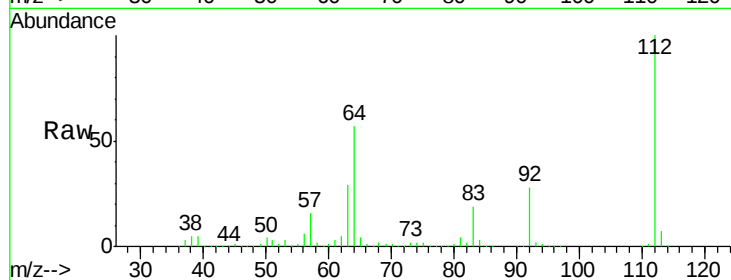
Tgt Ion: 112 Resp: 956802

Ion Ratio Lower Upper

112 100

64 56.6 49.0 73.4

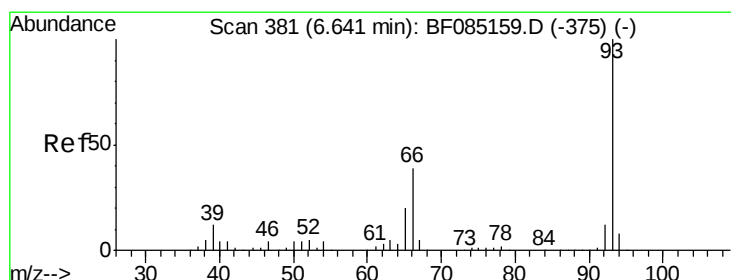
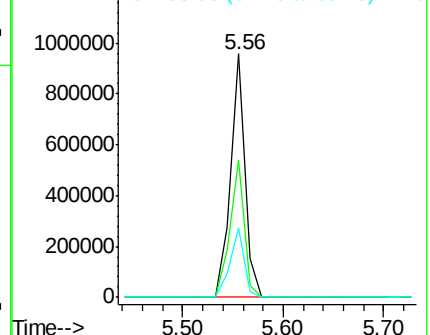
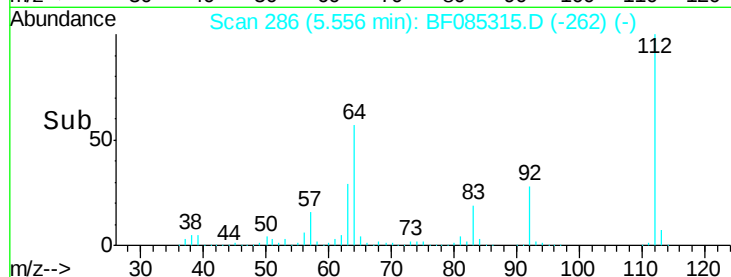
63 28.6 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.33 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

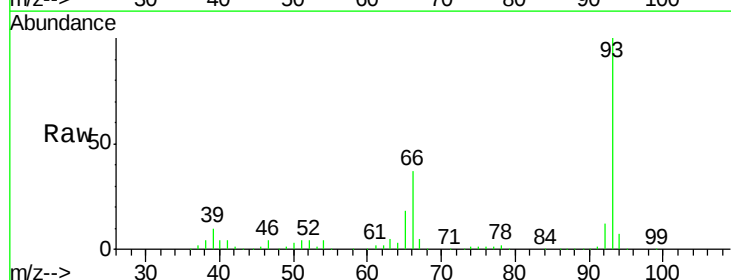
Tgt Ion: 93 Resp: 462890

Ion Ratio Lower Upper

93 100

66 36.9 31.6 47.4

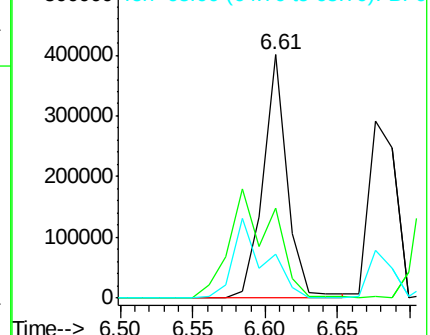
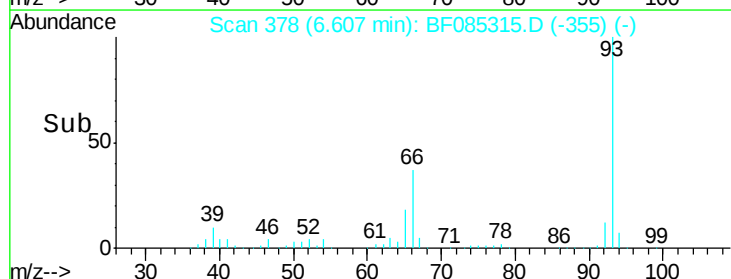
65 18.1 15.8 23.8

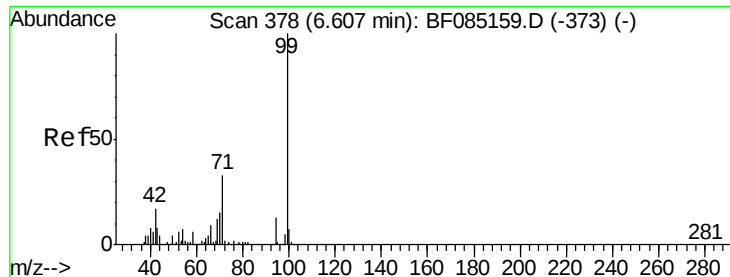


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.70 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085315.D

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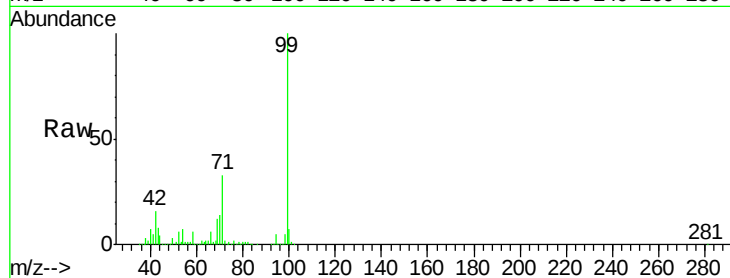
Tgt Ion: 99 Resp: 1299288

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

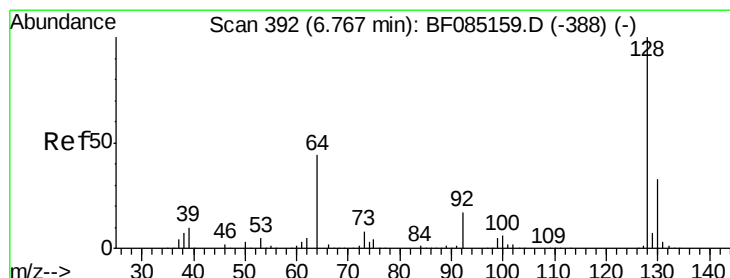
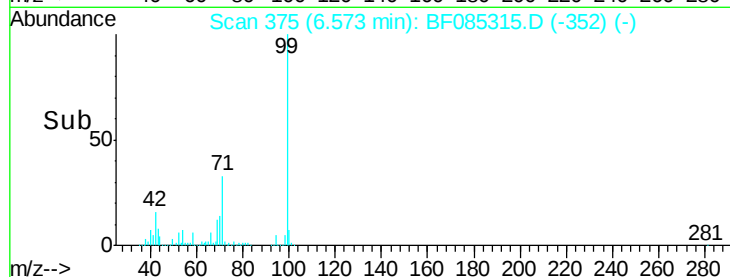
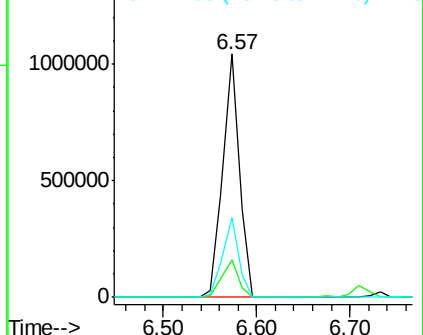
71 32.9 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.80 ng

RT: 6.73 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

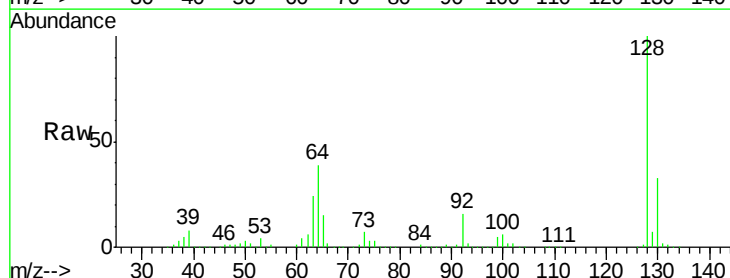
Tgt Ion: 128 Resp: 434171

Ion Ratio Lower Upper

128 100

130 33.4 13.3 53.3

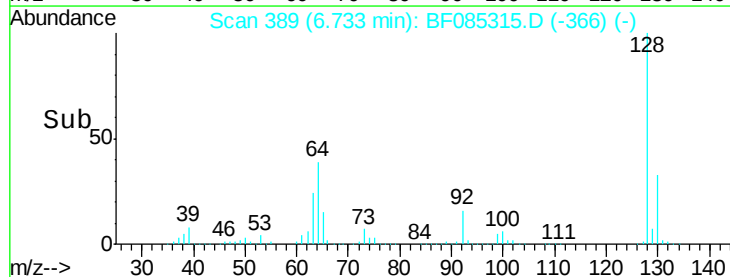
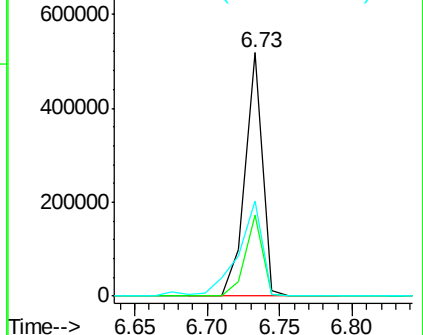
64 39.2 25.7 65.7

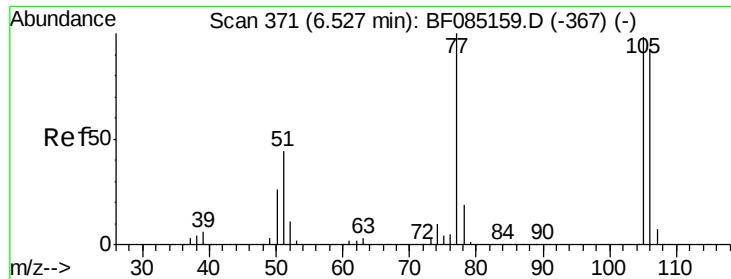


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

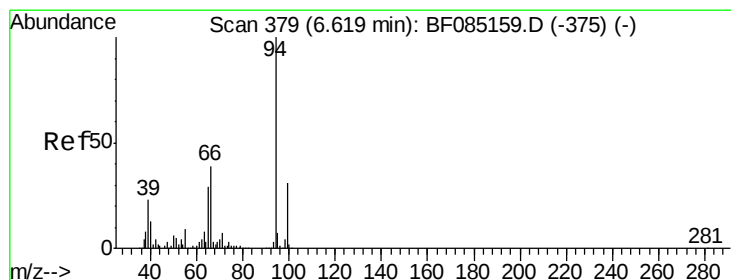
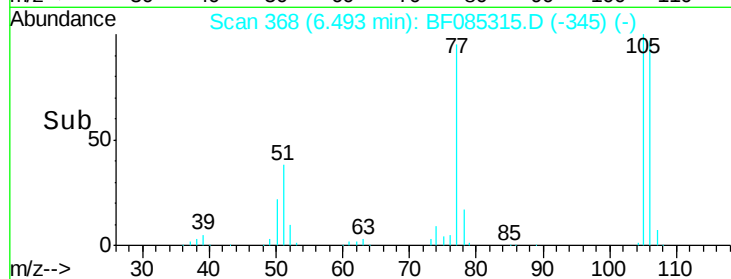
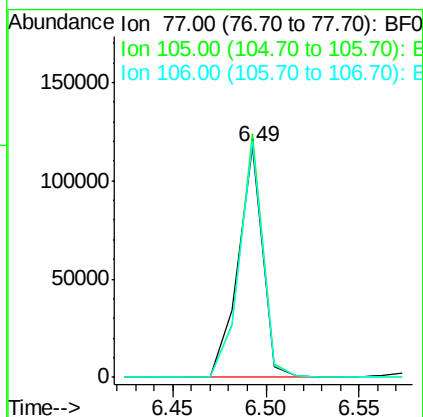
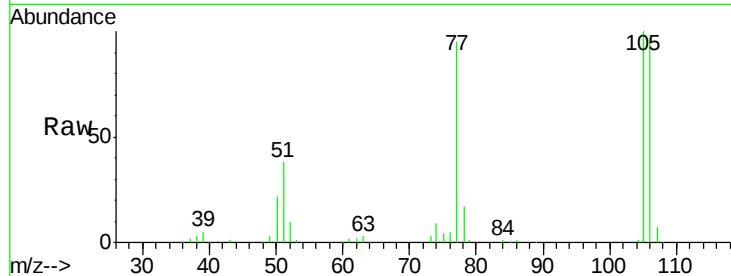




#9
Benzaldehyde
Concen: 13.48 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

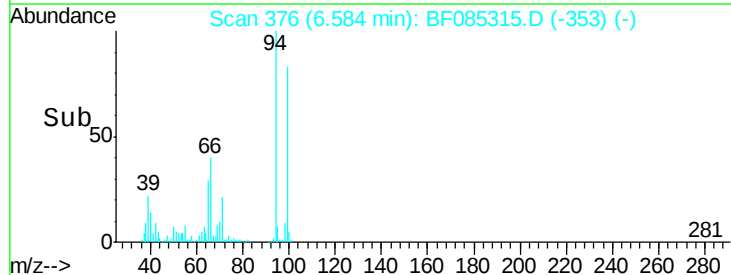
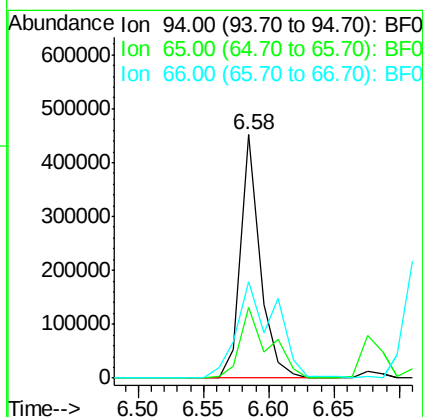
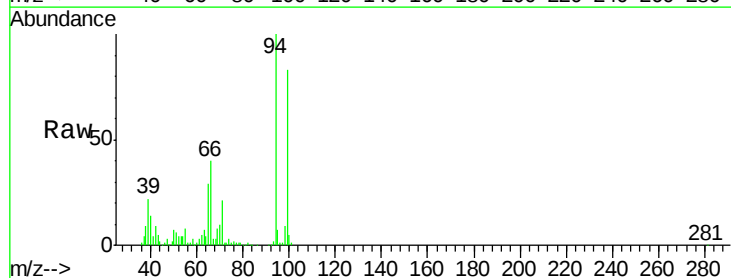
Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

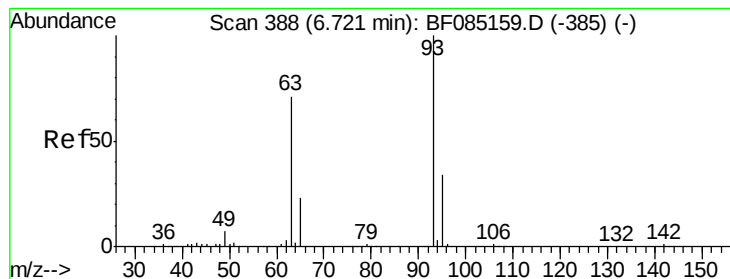
Tgt Ion: 77 Resp: 107945
Ion Ratio Lower Upper
77 100
105 105.6 78.2 118.2
106 102.1 72.9 112.9



#10
Phenol
Concen: 32.21 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion: 94 Resp: 468281
Ion Ratio Lower Upper
94 100
65 28.9 9.1 49.1
66 39.7 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 30.71 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

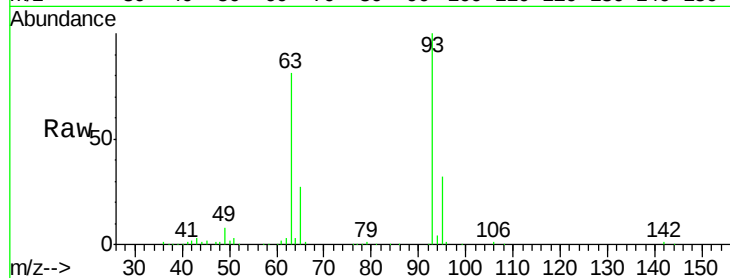
Tgt Ion: 93 Resp: 370922

Ion Ratio Lower Upper

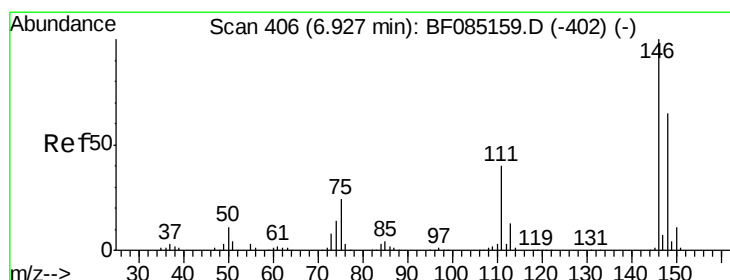
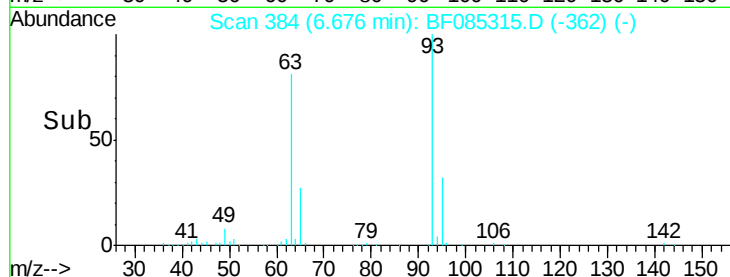
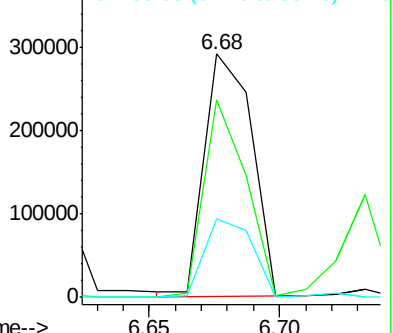
93 100

63 81.2 50.9 90.9

95 32.2 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 30.17 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.19 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

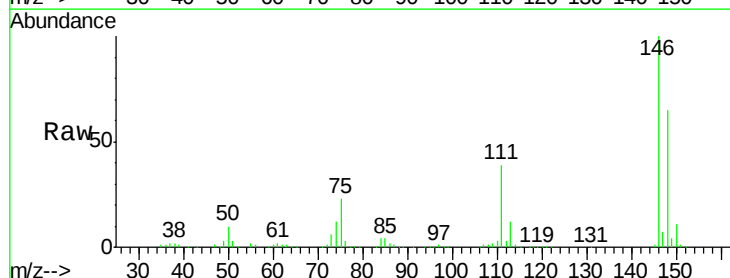
Tgt Ion: 146 Resp: 404074

Ion Ratio Lower Upper

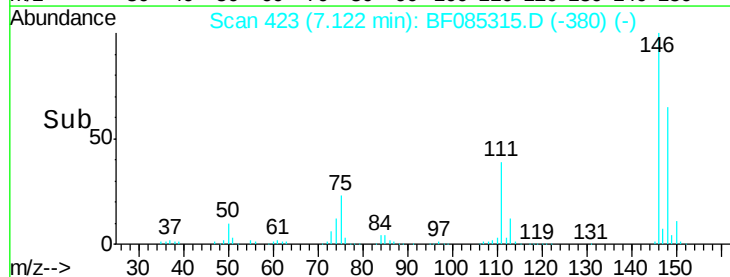
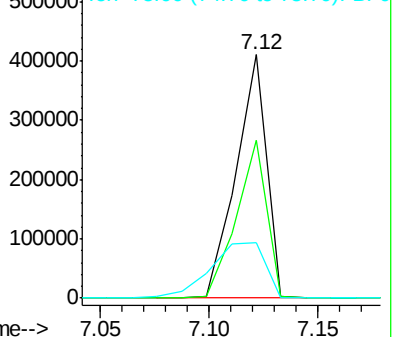
146 100

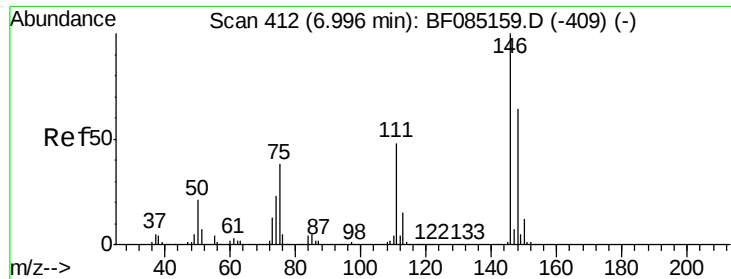
148 64.9 52.1 78.1

75 22.6 19.5 29.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

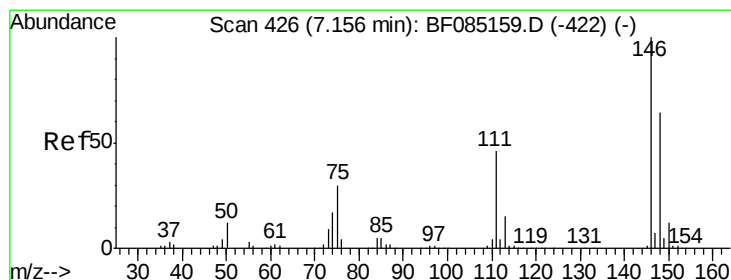
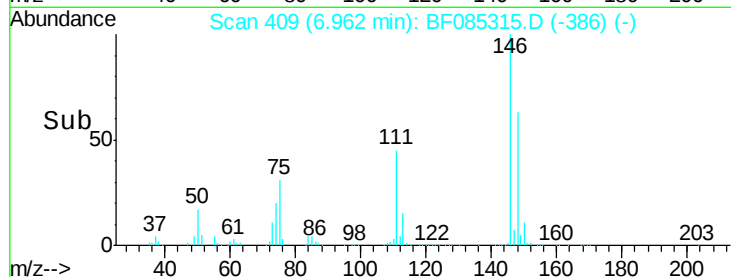
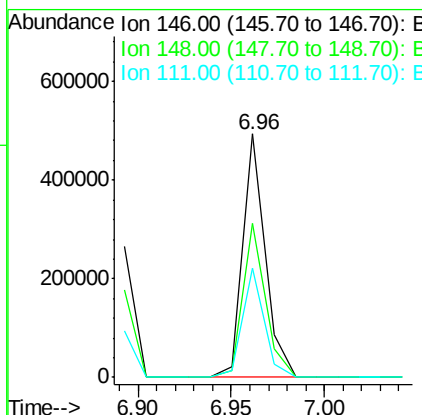
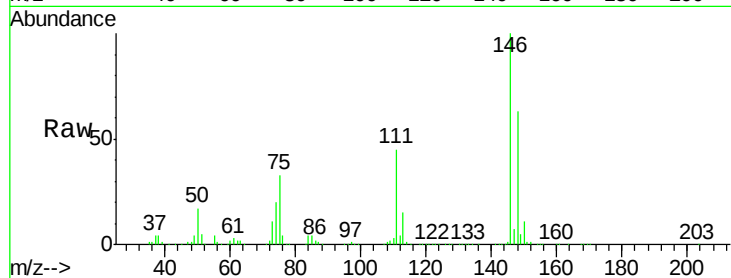




#13
 1,4-Dichlorobenzene
 Concen: 30.78 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

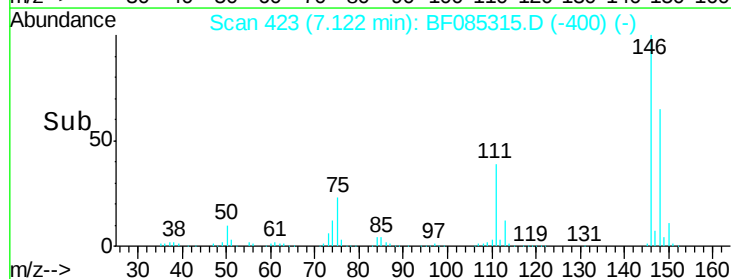
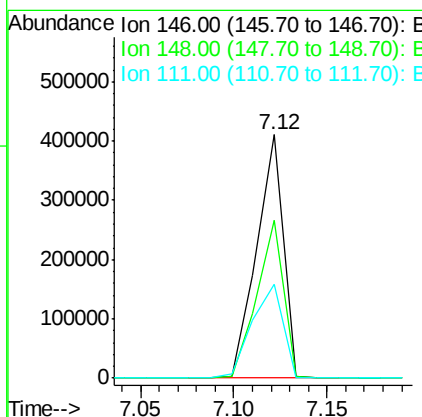
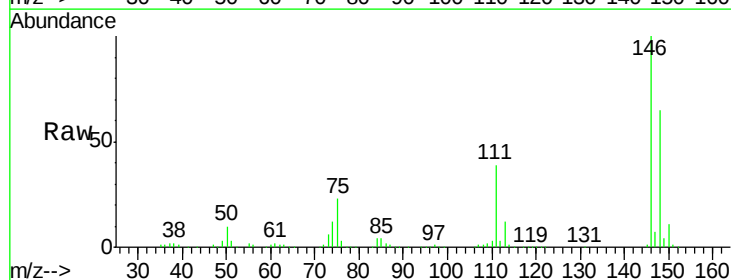
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

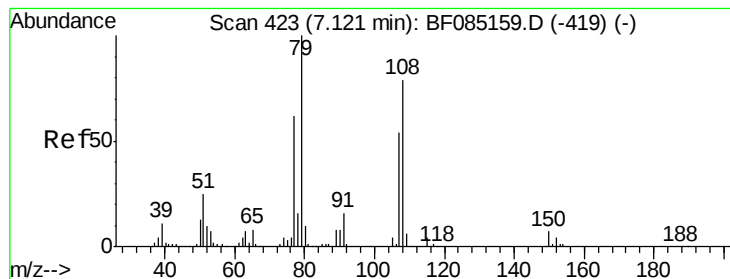
Tgt Ion:146 Resp: 413150
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.3 76.9
 111 44.8 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 33.17 ng
 RT: 7.12 min Scan# 423
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion:146 Resp: 404004
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.2
 111 38.8 36.7 55.1





#15

Benzyl Alcohol

Concen: 39.36 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

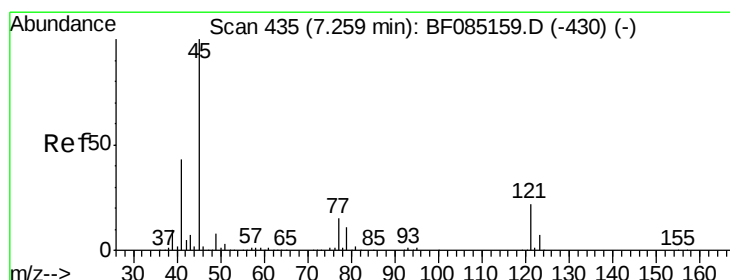
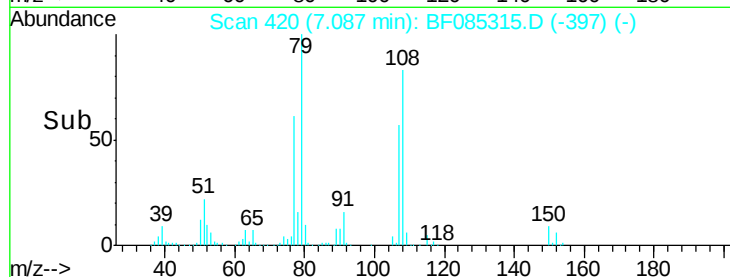
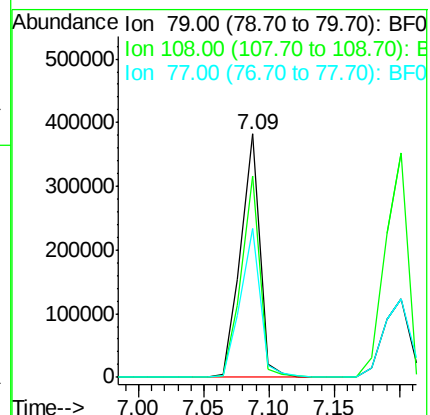
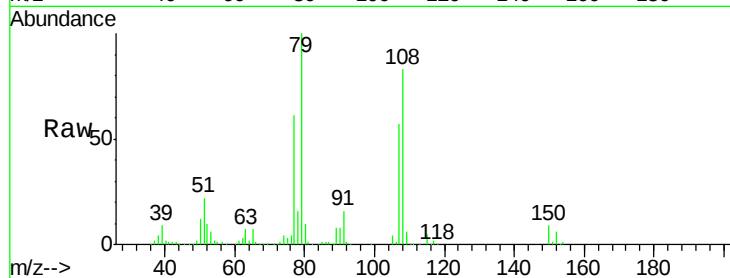
Tgt Ion: 79 Resp: 392235

Ion Ratio Lower Upper

79 100

108 82.6 62.9 94.3

77 61.0 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.03 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

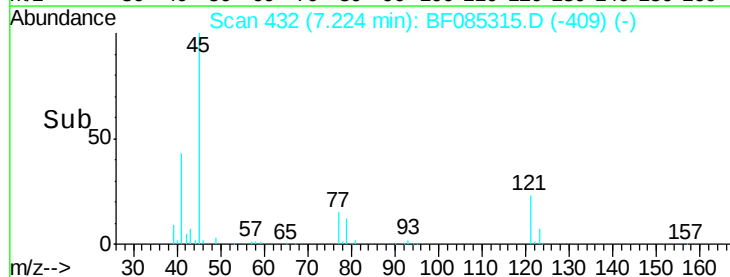
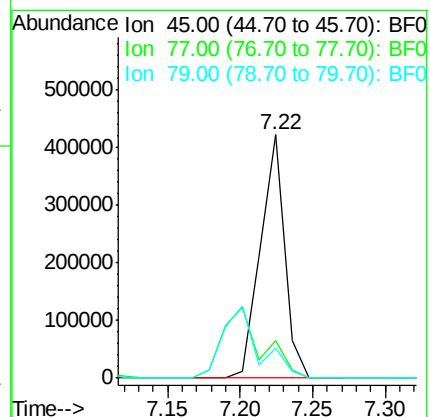
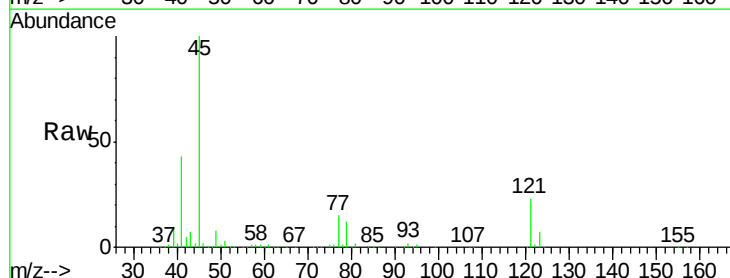
Tgt Ion: 45 Resp: 487975

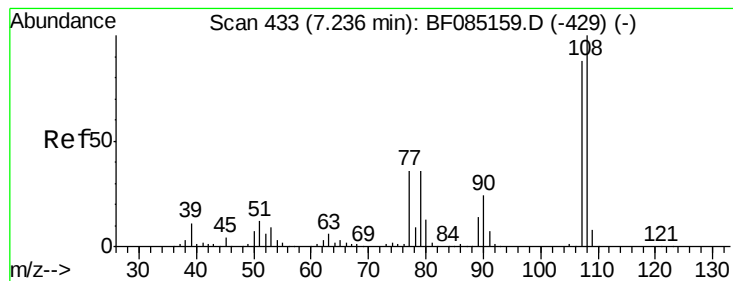
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.1

79 12.2 0.0 31.3





#17

2-Methylphenol

Concen: 36.06 ng

RT: 7.20 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

Tgt Ion:107 Resp: 367119

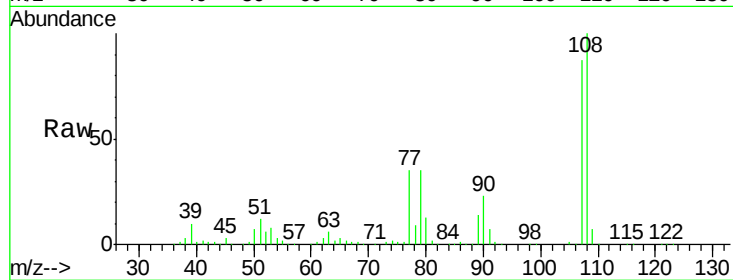
Ion Ratio Lower Upper

107 100

108 114.8 90.9 136.3

77 40.3 32.6 48.8

79 40.5 32.8 49.2

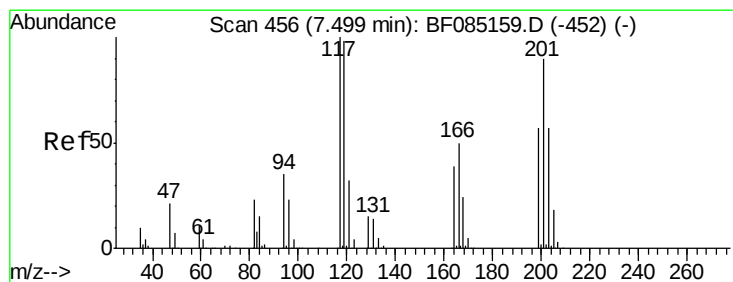
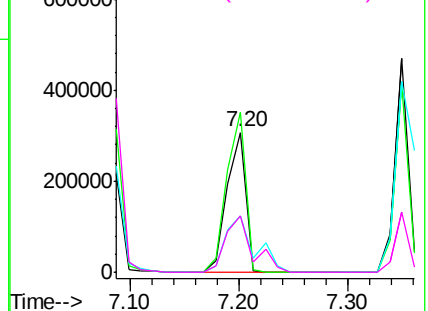
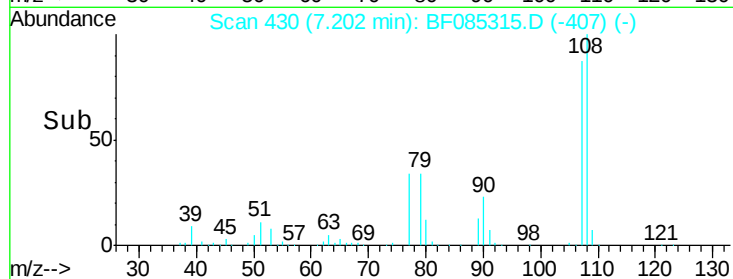


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.85 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

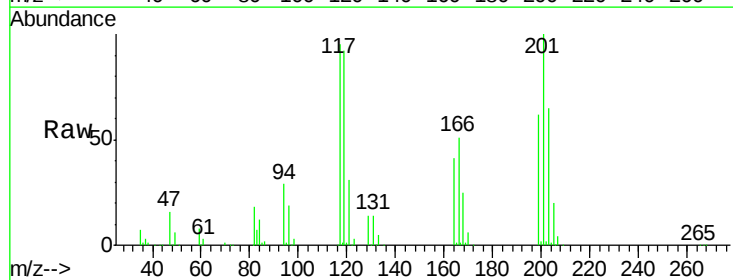
Tgt Ion:117 Resp: 147797

Ion Ratio Lower Upper

117 100

119 97.0 78.2 117.4

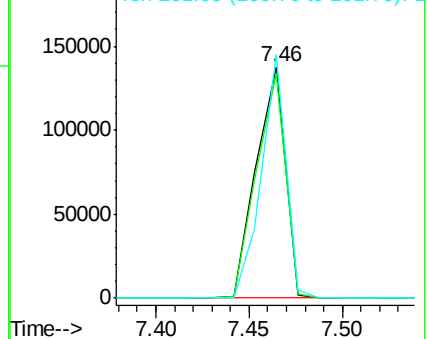
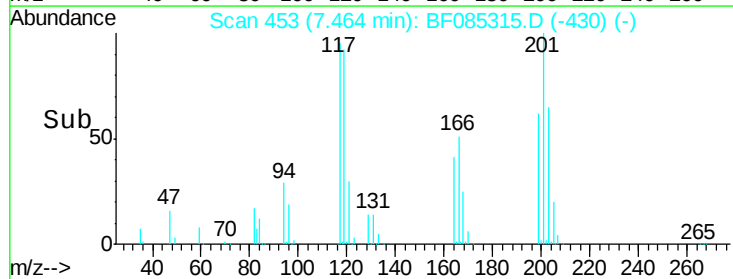
201 105.4 72.0 108.0

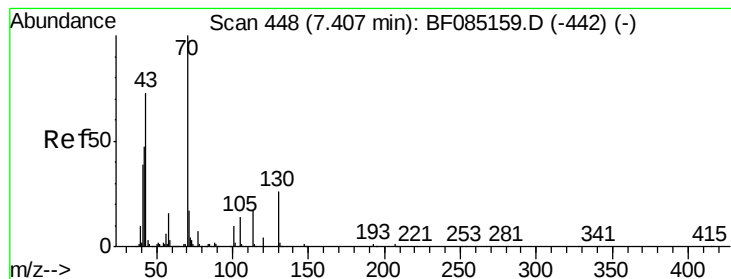


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.51 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

Tgt Ion: 70 Resp: 296472

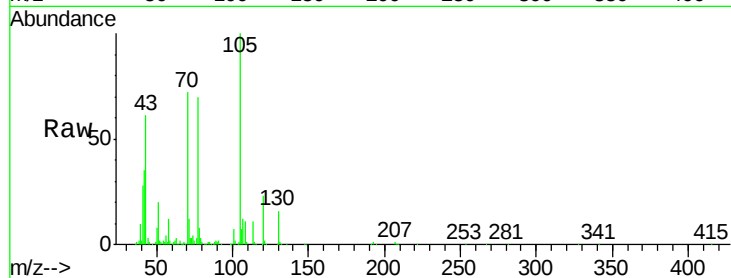
Ion Ratio Lower Upper

70 100

42 48.5 37.7 56.5

101 10.0 8.2 12.4

130 21.7 20.5 30.7



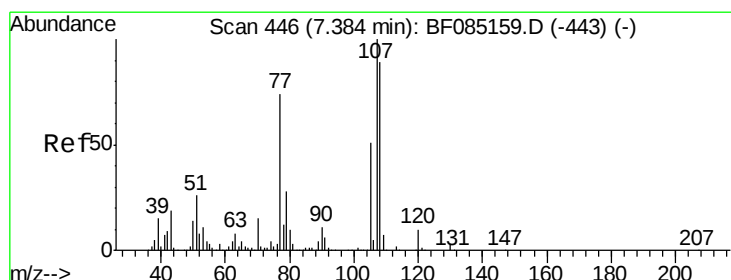
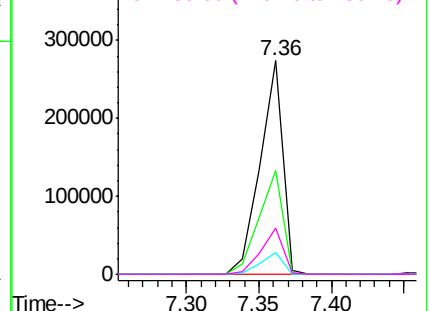
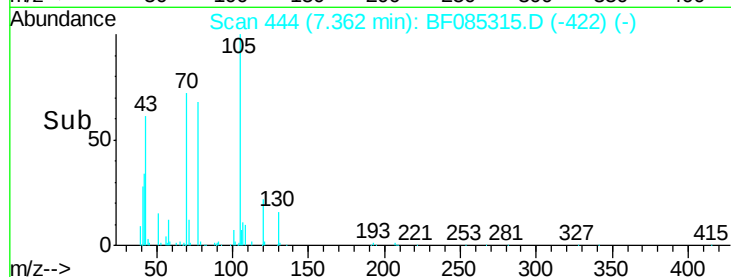
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 34.29 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Tgt Ion: 107 Resp: 413442

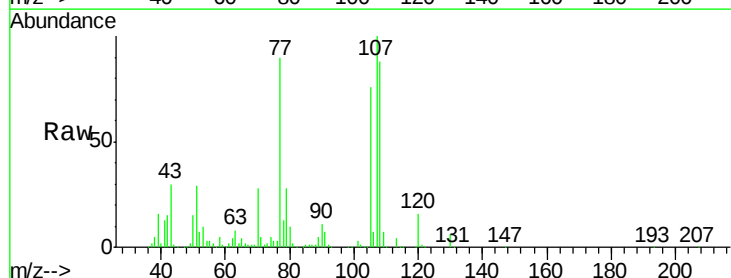
Ion Ratio Lower Upper

107 100

108 88.1 68.8 108.8

77 89.5 53.6 93.6

79 28.0 8.0 48.0



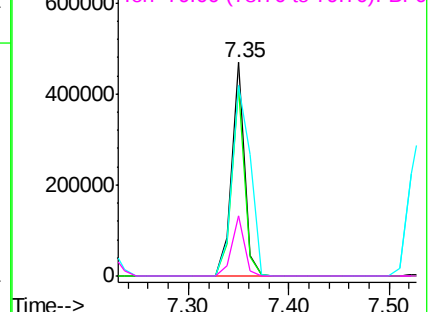
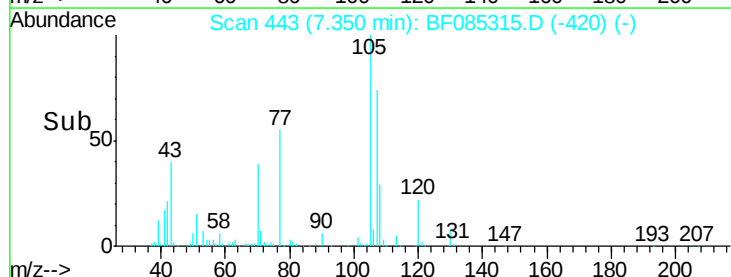
Abundance

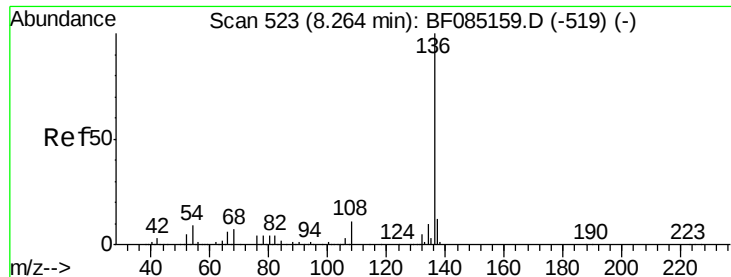
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

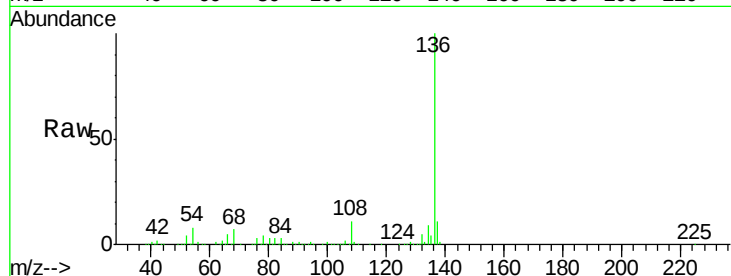




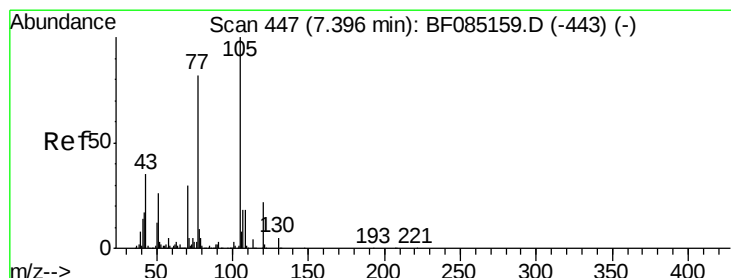
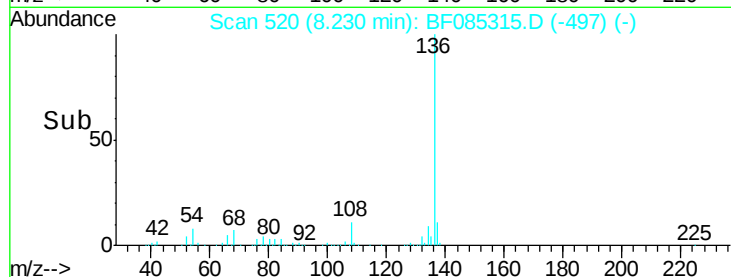
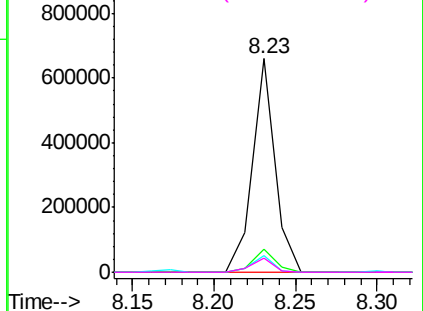
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

Tgt Ion:	136	Resp:	632616
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	7.8	7.4	11.2
68	6.5	6.0	9.0

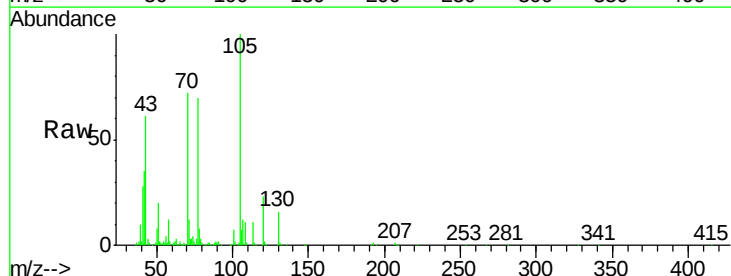


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

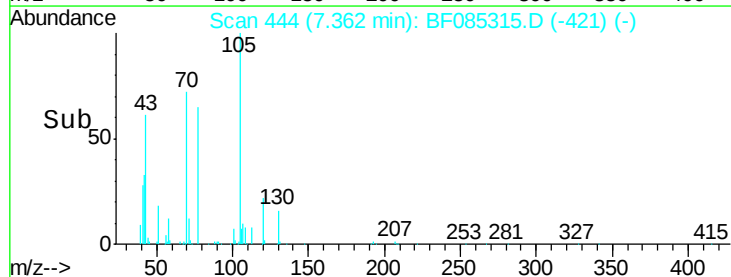
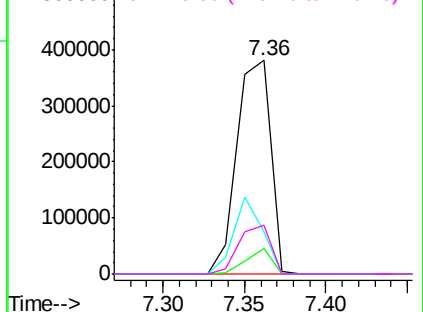


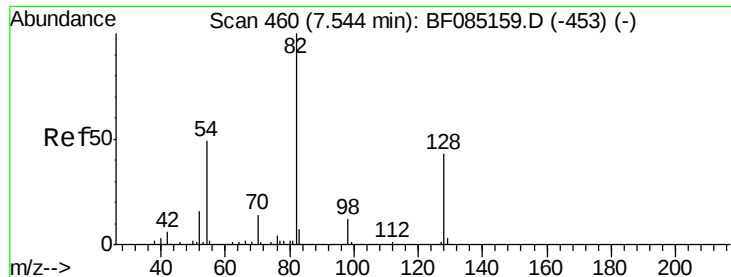
#22
Acetophenone
Concen: 35.23 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion:	105	Resp:	544024
Ion	Ratio	Lower	Upper
105	100		
71	12.0	4.1	6.1#
51	19.5	21.1	31.7#
120	22.6	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

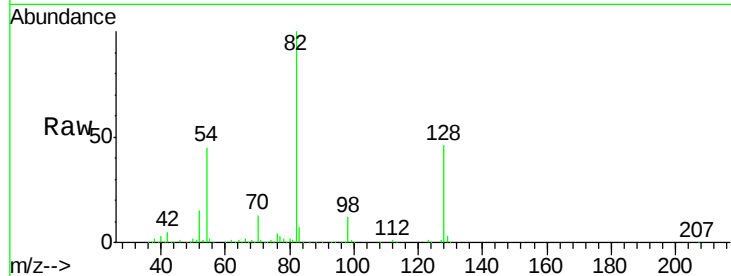




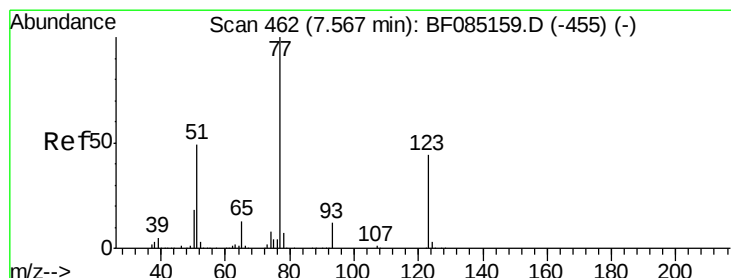
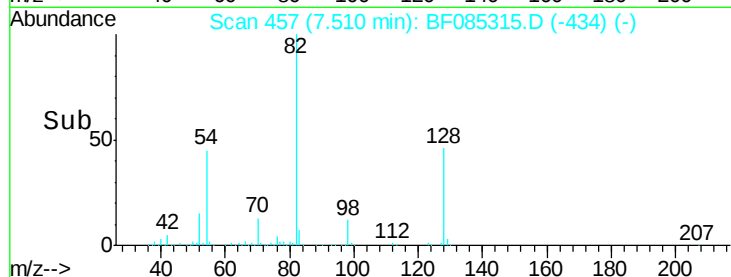
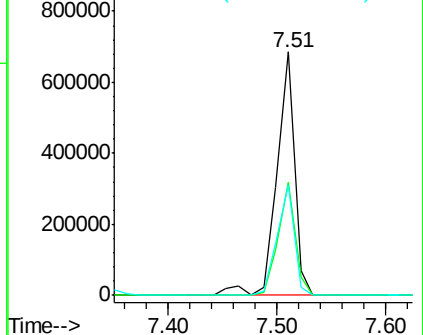
#23
 Nitrobenzene-d5
 Concen: 65.31 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Tgt Ion: 82 Resp: 772132
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.5 51.7
 54 45.4 39.3 58.9

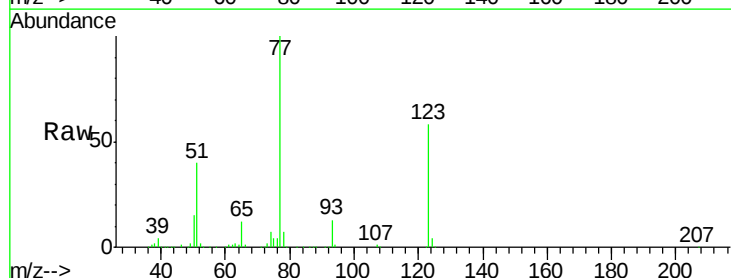


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

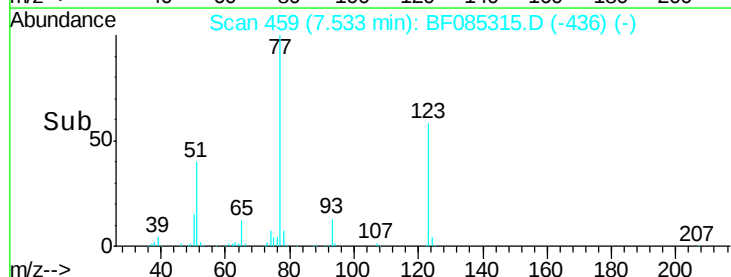
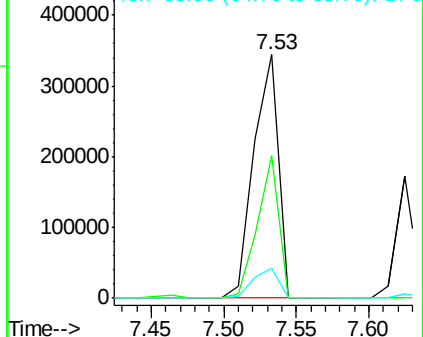


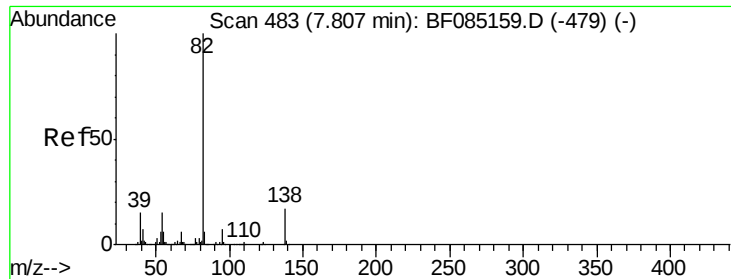
#24
 Nitrobenzene
 Concen: 33.70 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion: 77 Resp: 404689
 Ion Ratio Lower Upper
 77 100
 123 58.3 35.4 53.2#
 65 12.3 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.71 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

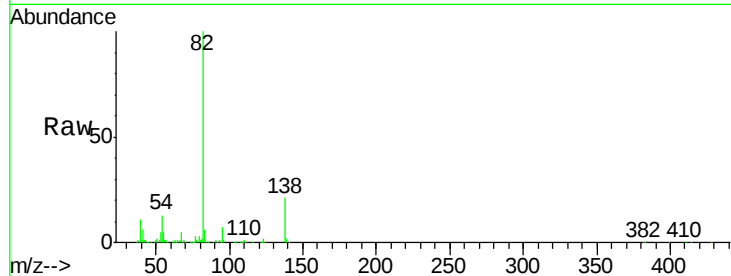
Tgt Ion: 82 Resp: 738615

Ion Ratio Lower Upper

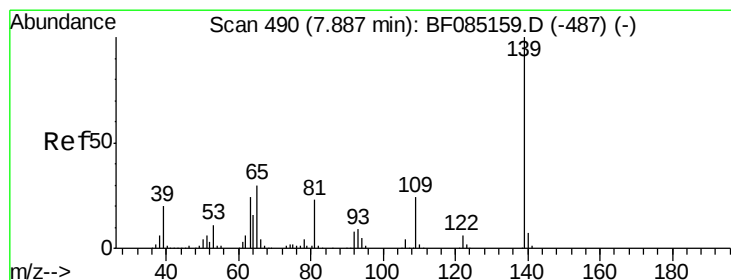
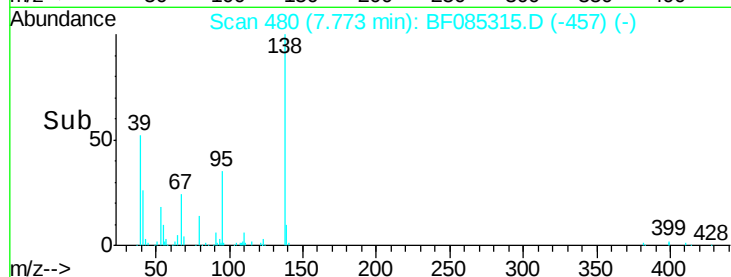
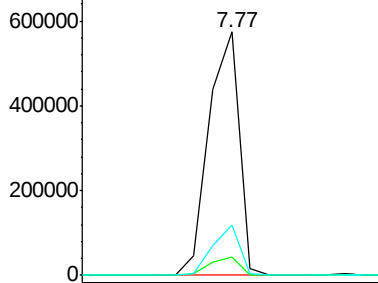
82 100

95 7.3 5.4 8.2

138 20.6 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.53 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

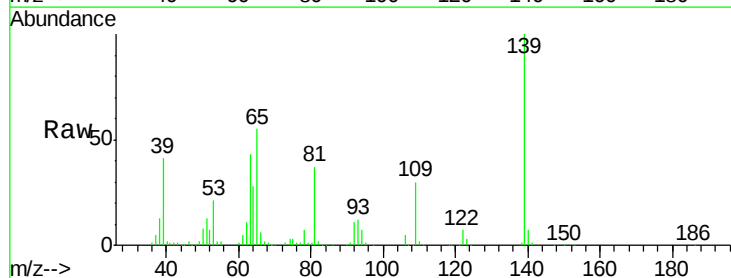
Tgt Ion: 139 Resp: 190088

Ion Ratio Lower Upper

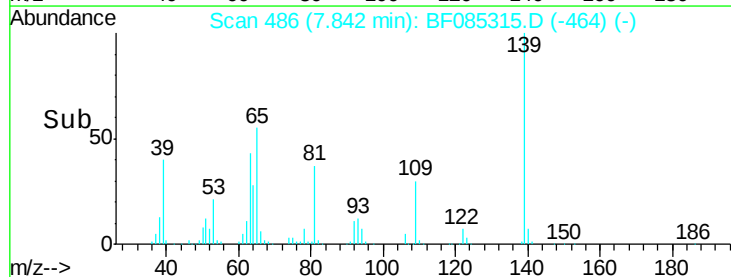
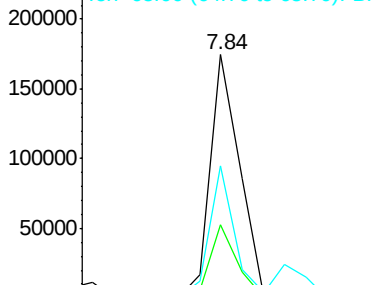
139 100

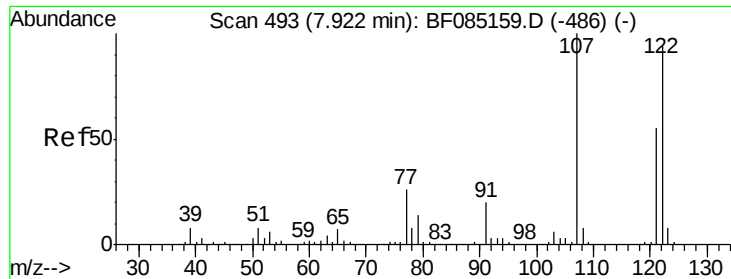
109 29.9 19.1 28.7#

65 54.5 23.9 35.9#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

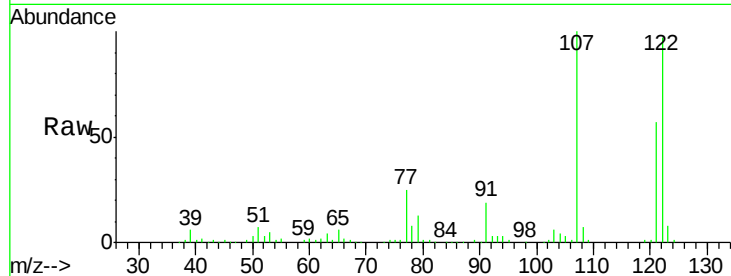




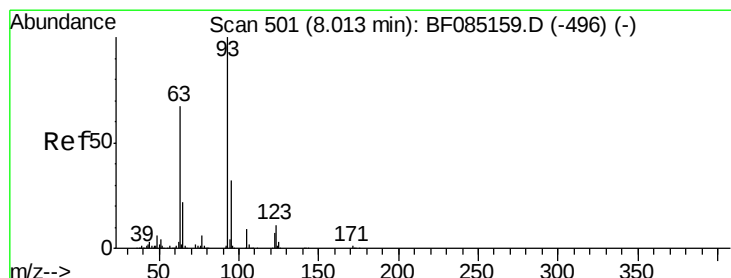
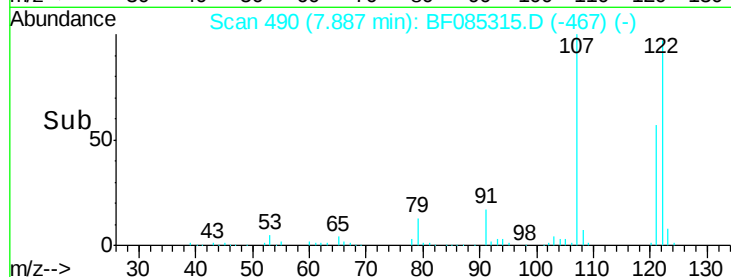
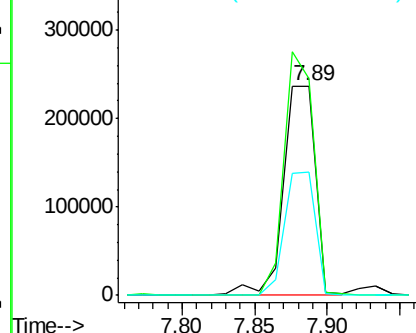
#27
 2,4-Dimethylphenol
 Concen: 33.92 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Tgt Ion:122 Resp: 362311
 Ion Ratio Lower Upper
 122 100
 107 103.5 84.8 127.2
 121 58.7 47.0 70.6

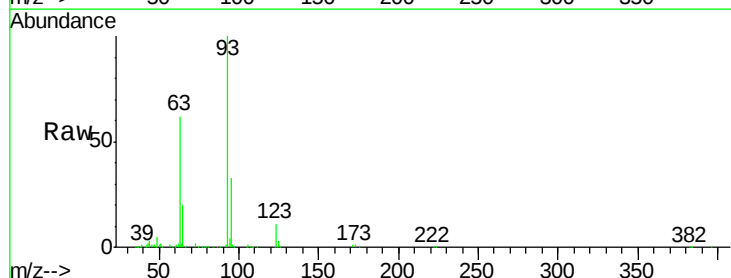


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

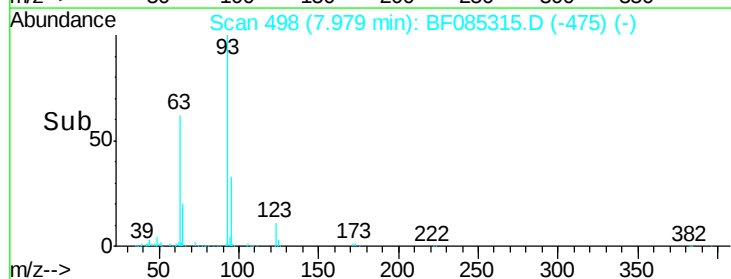
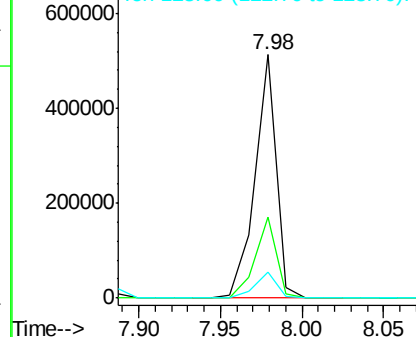


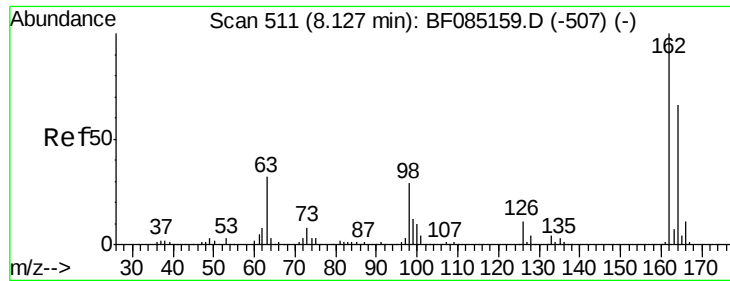
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.95 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion: 93 Resp: 463029
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.9 38.9
 123 10.9 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

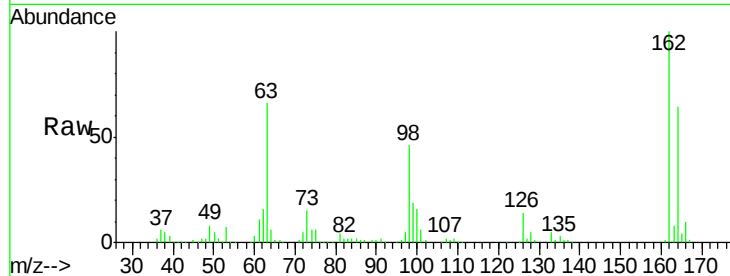




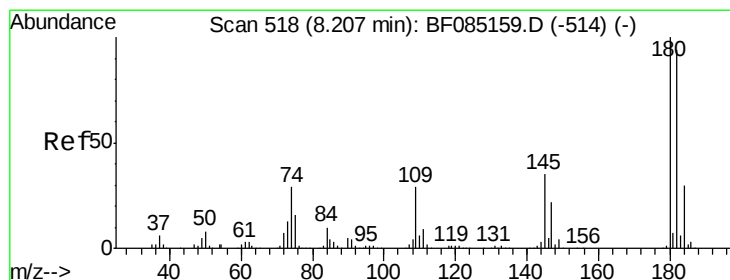
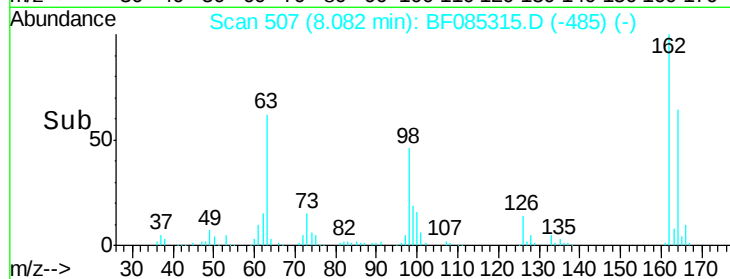
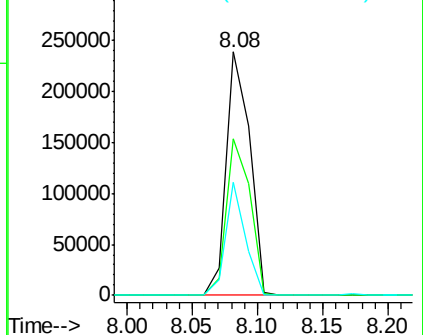
#29
 2,4-Dichlorophenol
 Concen: 34.73 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Tgt Ion:162 Resp: 299167
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.7 85.7
 98 46.4 9.4 49.4

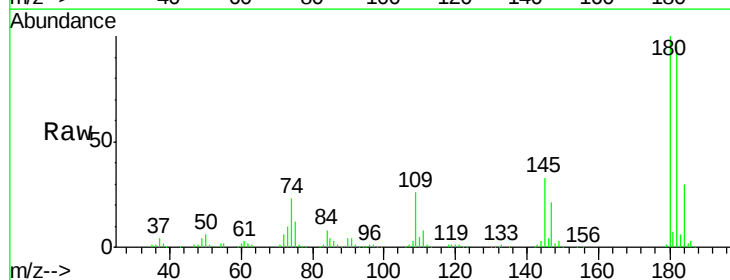


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

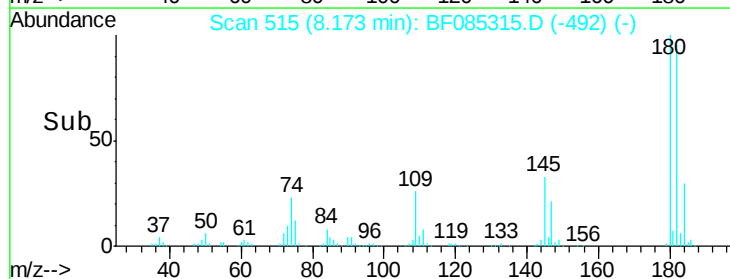
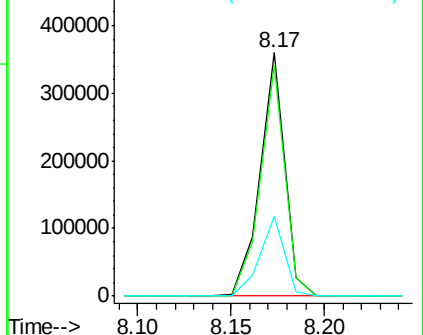


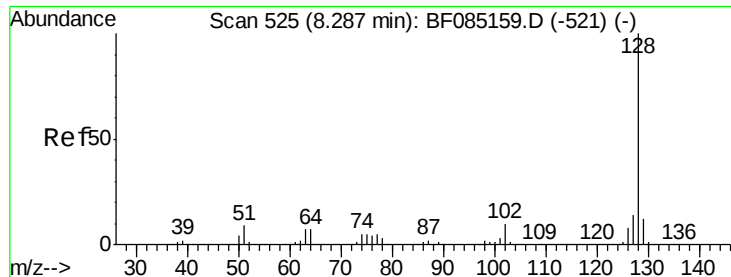
#30
 1,2,4-Trichlorobenzene
 Concen: 35.10 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion:180 Resp: 326833
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.9 112.3
 145 32.6 27.9 41.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

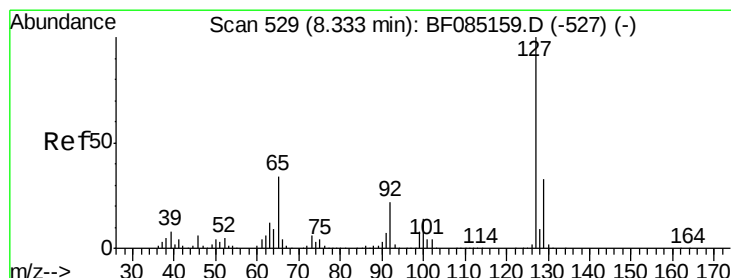
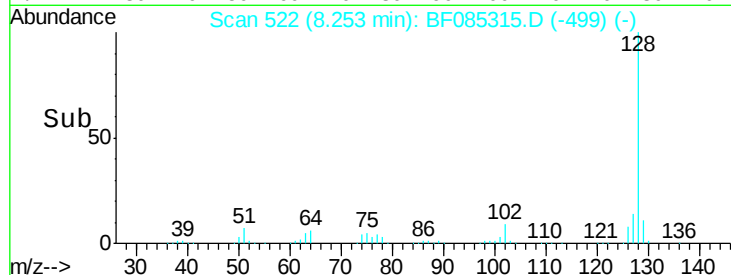
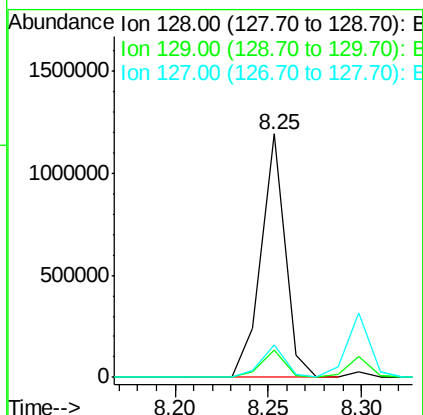
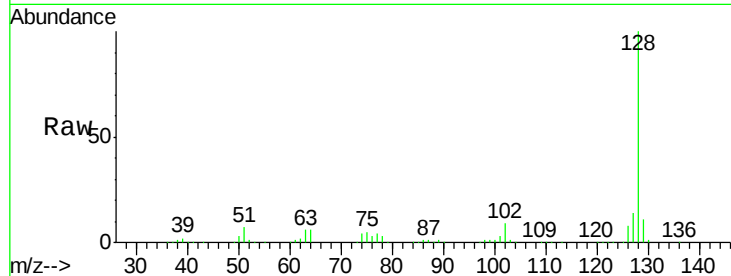




#31
Naphthalene
Concen: 34.21 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

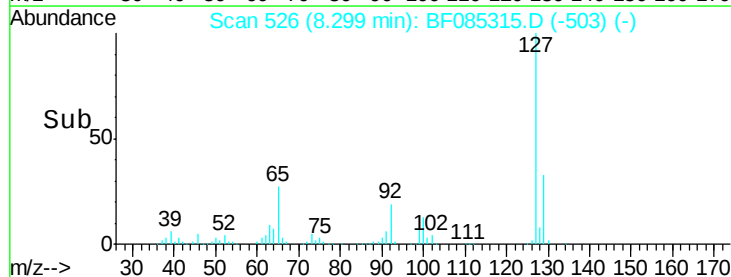
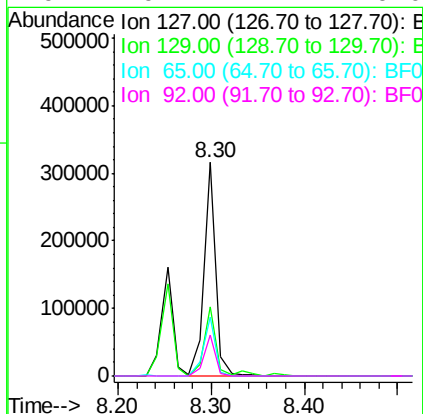
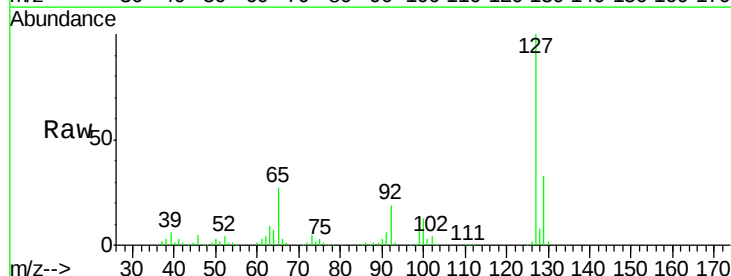
Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

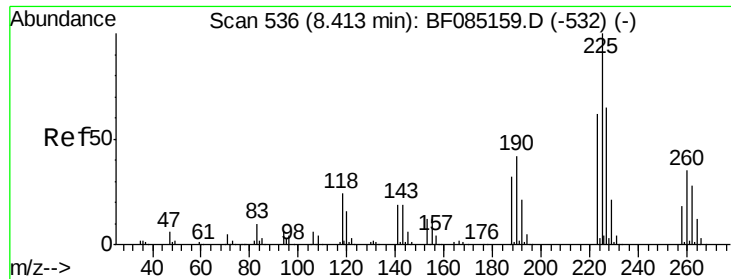
Tgt Ion:128 Resp: 1064050
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.6 11.2 16.8



#33
4-Chloroaniline
Concen: 22.17 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion:127 Resp: 279004
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 27.5 27.0 40.6
92 19.2 17.4 26.0





#34

Hexachlorobutadiene

Concen: 32.33 ng

RT: 8.37 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

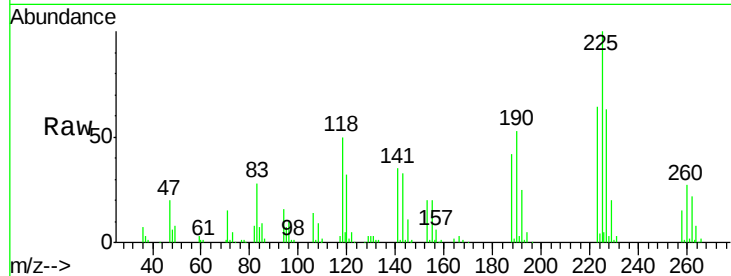
Tgt Ion:225 Resp: 156658

Ion Ratio Lower Upper

225 100

223 64.4 49.7 74.5

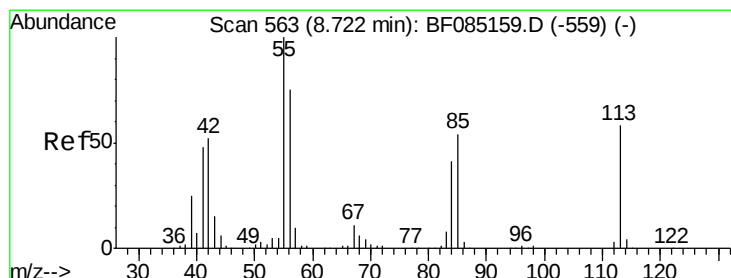
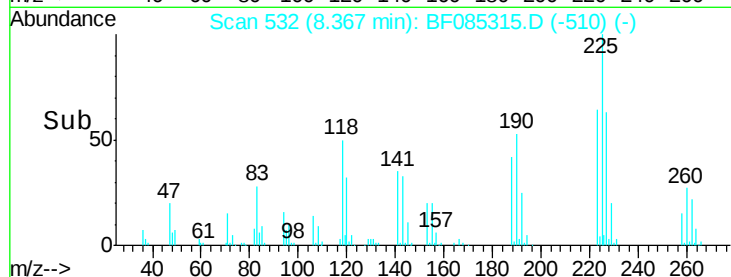
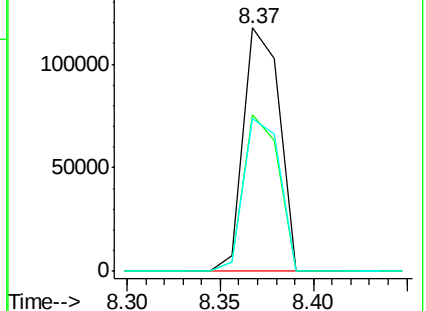
227 62.7 52.2 78.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 38.43 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.06 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

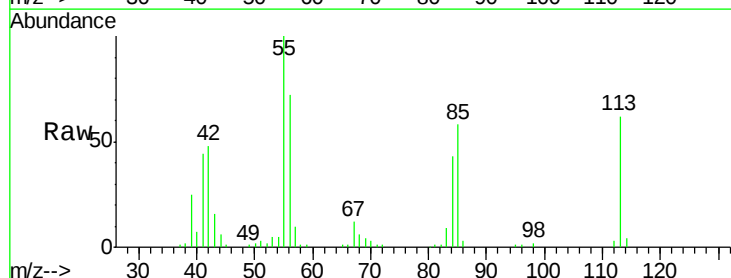
Tgt Ion:113 Resp: 108112

Ion Ratio Lower Upper

113 100

55 160.9 152.7 192.7

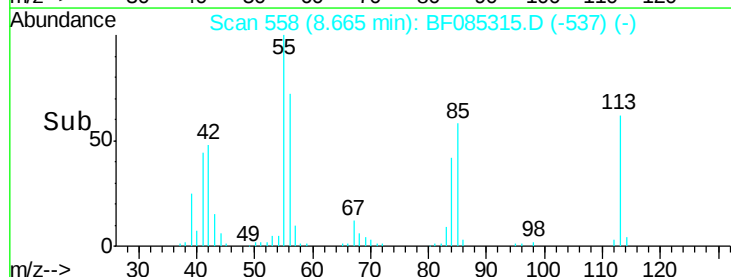
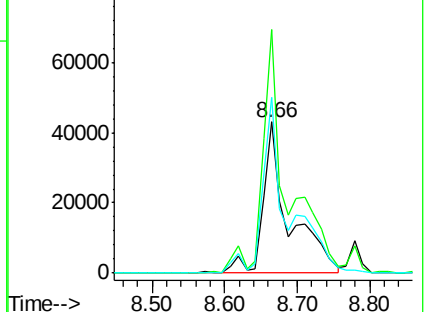
56 116.5 109.0 149.0

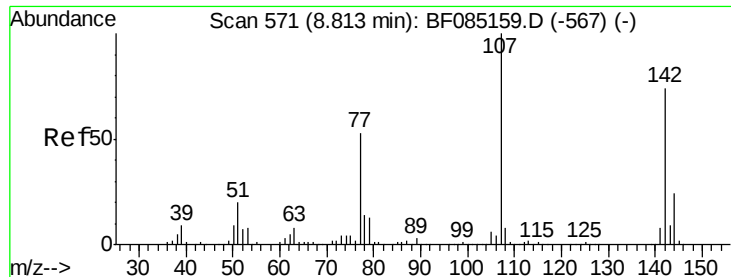


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

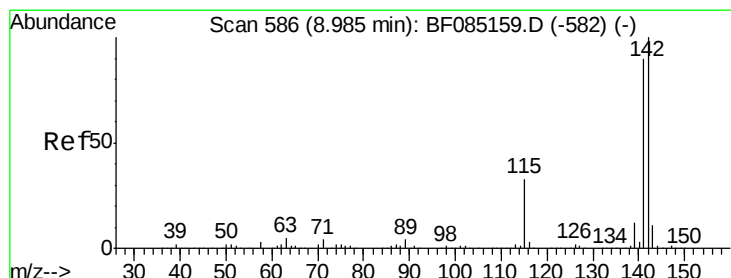
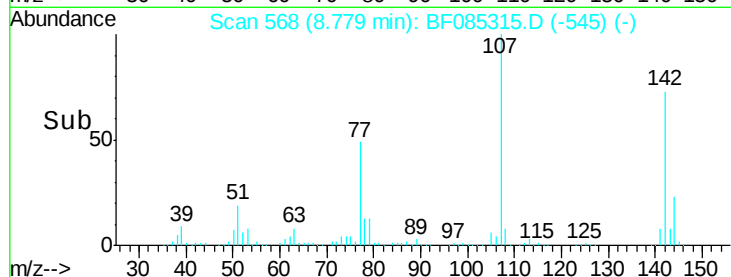
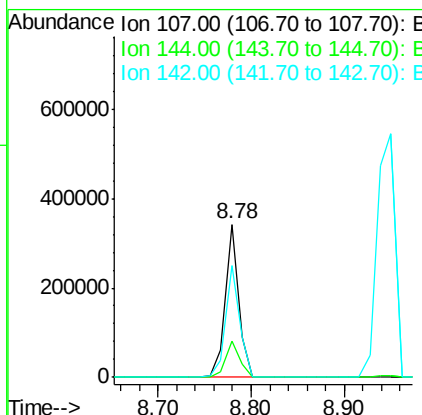
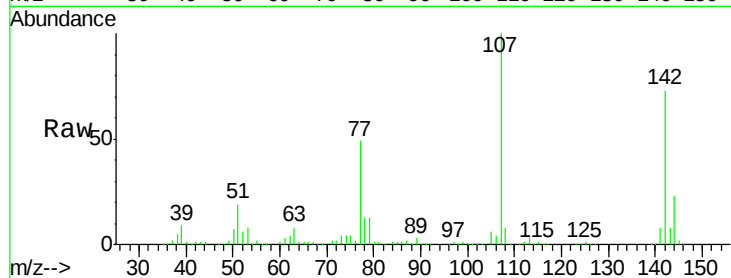




#36
 4-Chloro-3-methylphenol
 Concen: 35.08 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

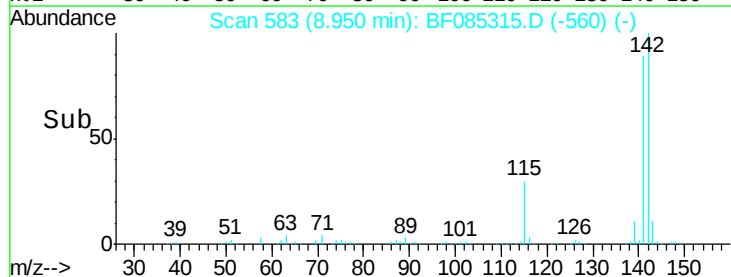
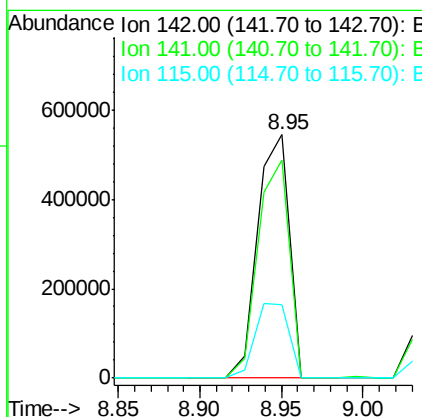
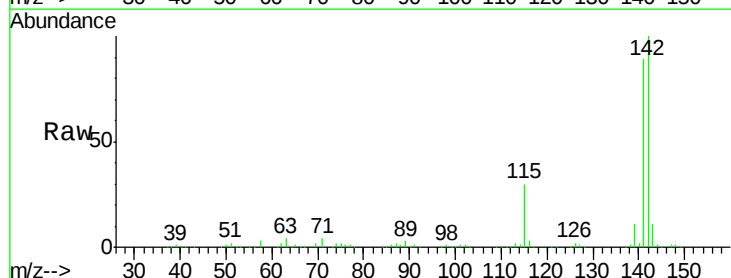
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

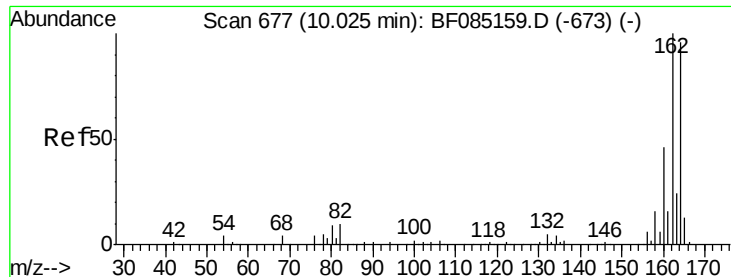
Tgt Ion:107 Resp: 342841
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.4 29.2
 142 72.9 59.4 89.2



#37
 2-Methylnaphthalene
 Concen: 36.79 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion:142 Resp: 734414
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.7 107.5
 115 30.2 26.2 39.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

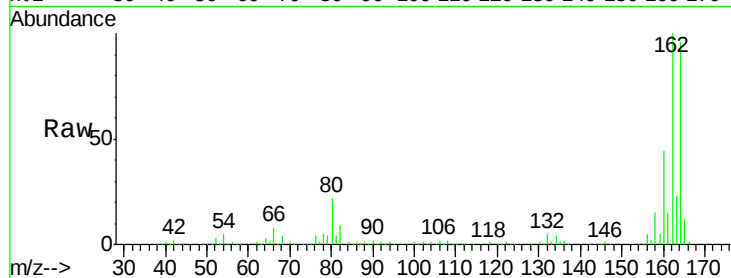
Tgt Ion:164 Resp: 311476

Ion Ratio Lower Upper

164 100

162 103.8 83.3 124.9

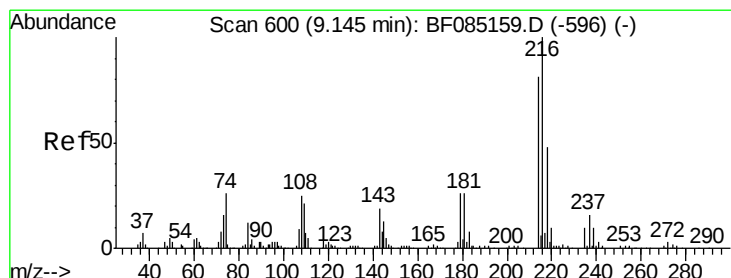
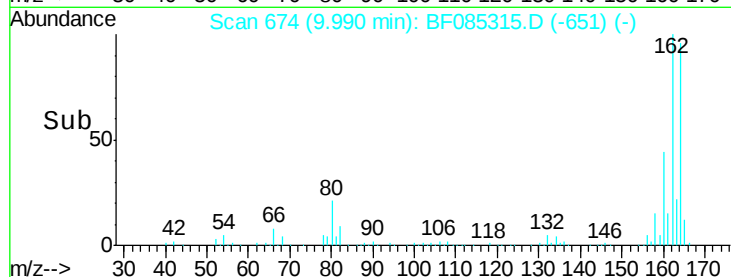
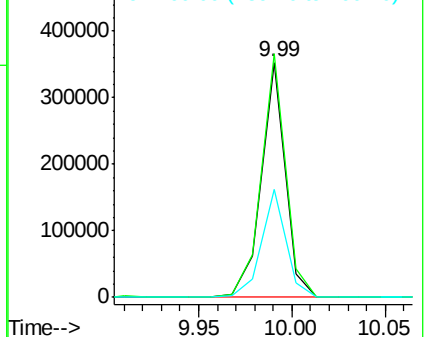
160 46.1 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.43 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Tgt Ion:216 Resp: 279931

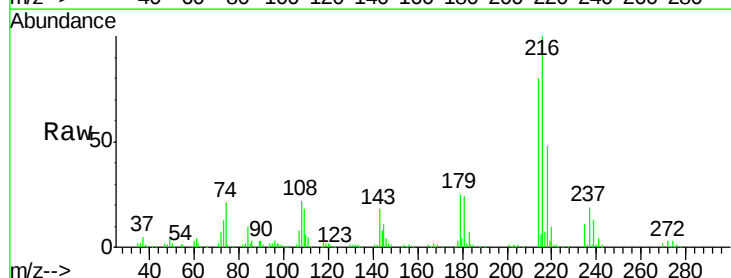
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 23.5 19.6 29.4

108 23.9 19.6 29.4

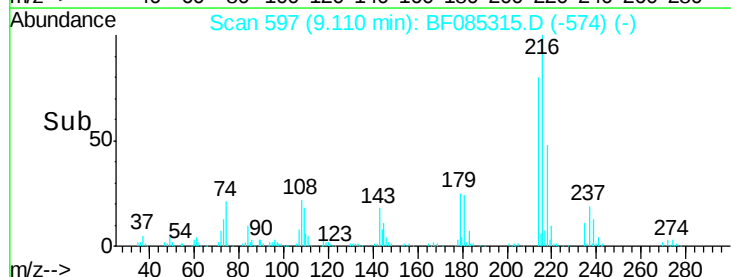
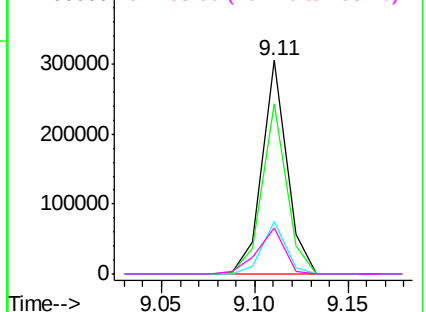


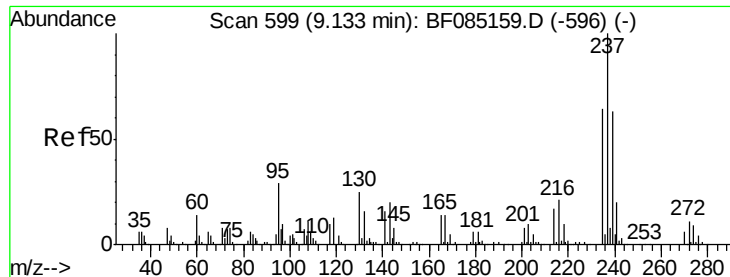
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 58.77 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

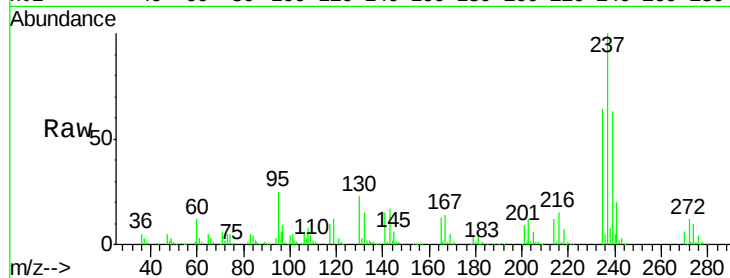
Tgt Ion:237 Resp: 282346

Ion Ratio Lower Upper

237 100

235 63.8 43.7 83.7

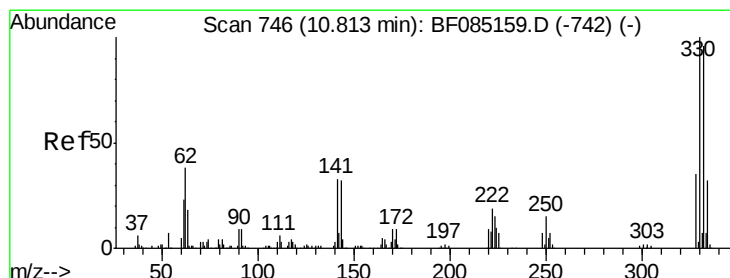
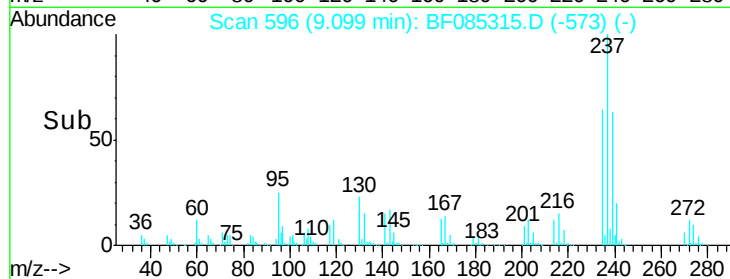
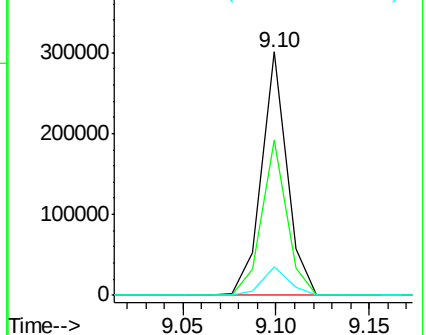
272 11.9 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 103.69 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

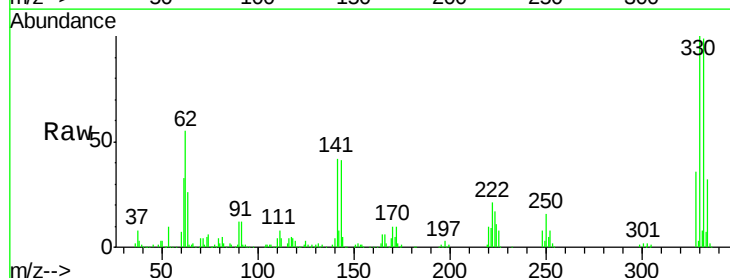
Tgt Ion:330 Resp: 276346

Ion Ratio Lower Upper

330 100

332 98.8 77.1 115.7

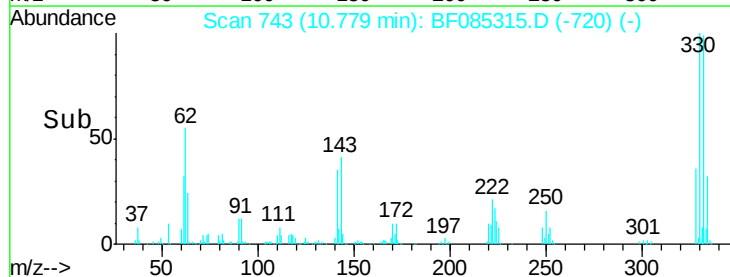
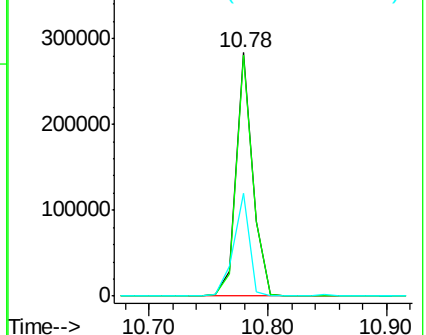
141 40.2 35.0 52.6

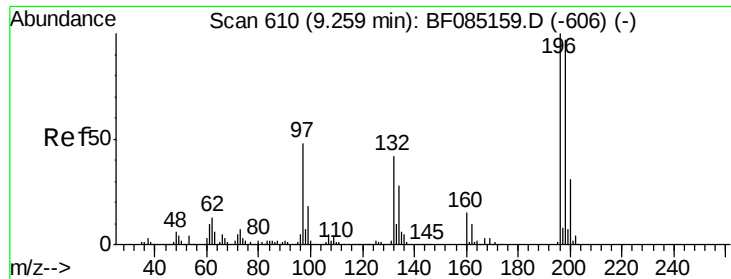


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

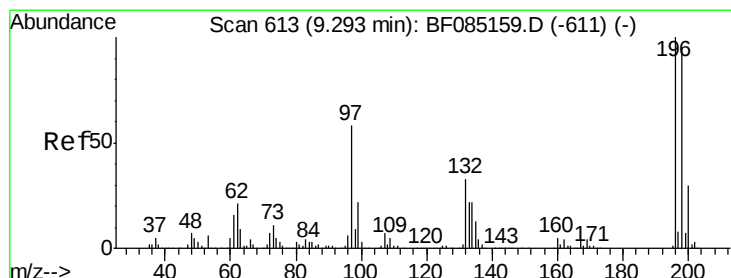
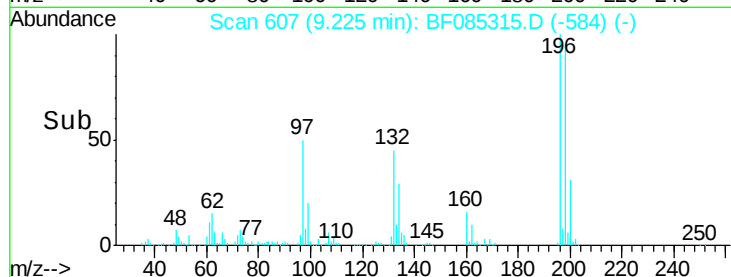
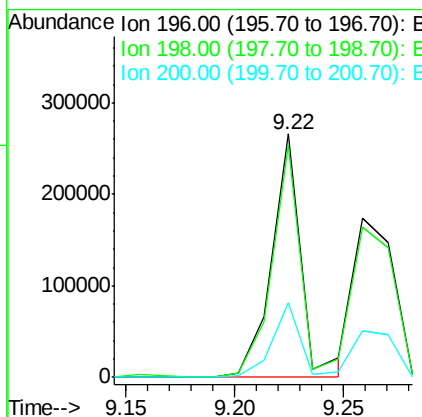
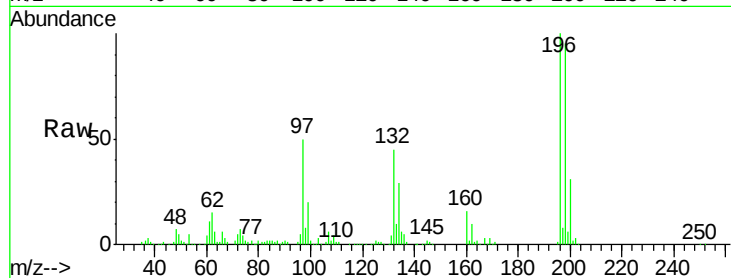




#42
 2,4,6-Trichlorophenol
 Concen: 37.98 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

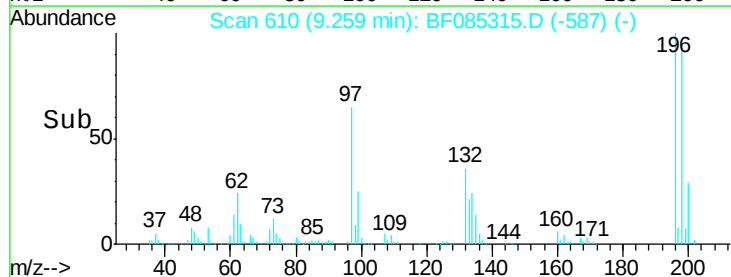
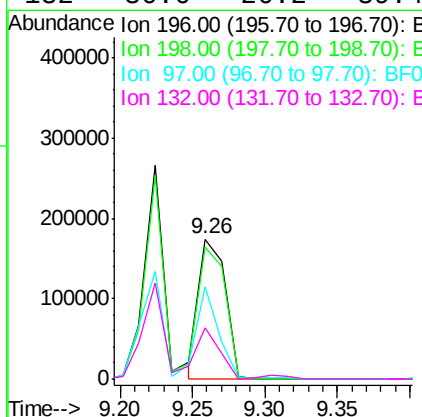
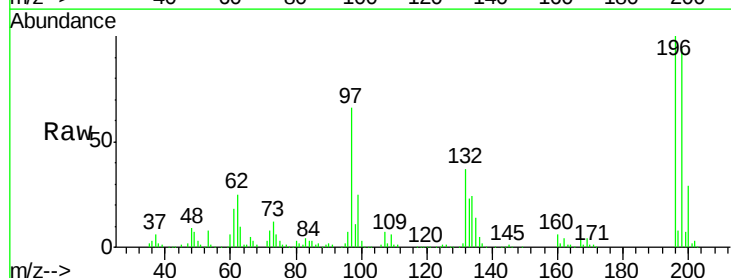
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

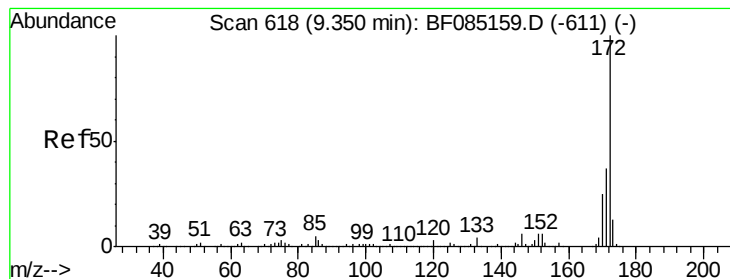
Tgt Ion:	196	Resp:	251869
Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.8	116.6
200	30.8	25.0	37.6



#43
 2,4,5-Trichlorophenol
 Concen: 35.56 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion:	196	Resp:	223547
Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
97	66.0	46.4	69.6
132	36.6	26.2	39.4





#44

2-Fluorobiphenyl

Concen: 59.54 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.05 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

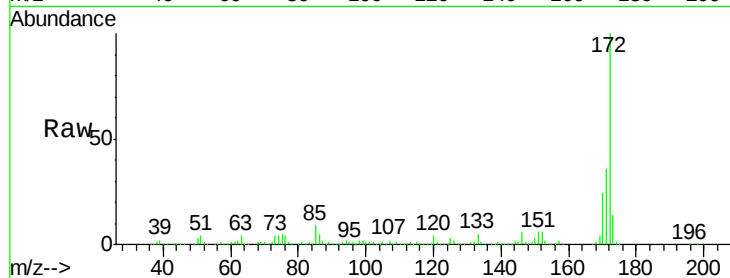
Tgt Ion:172 Resp: 1219400

Ion Ratio Lower Upper

172 100

171 35.7 29.3 43.9

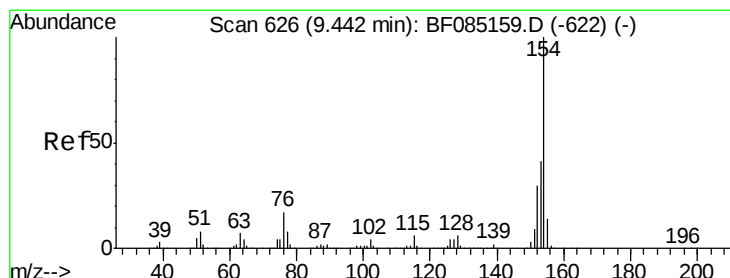
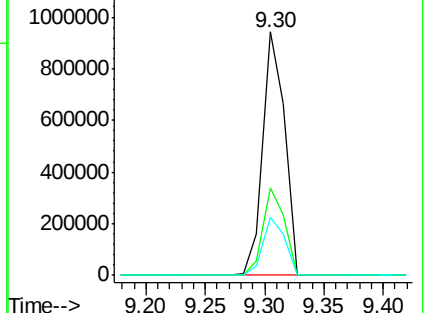
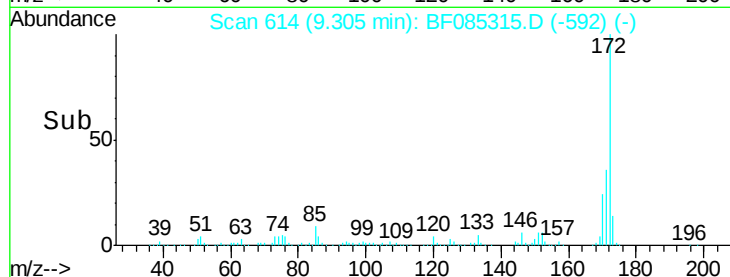
170 23.8 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 29.91 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

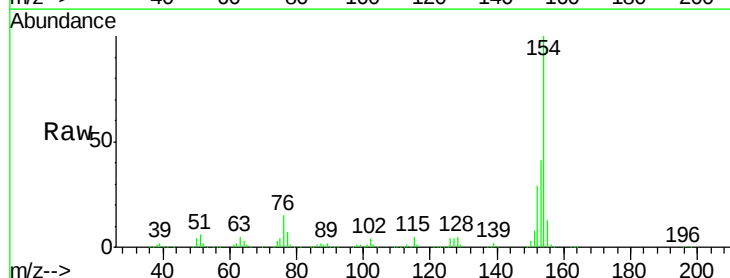
Tgt Ion:154 Resp: 795993

Ion Ratio Lower Upper

154 100

153 41.0 21.4 61.4

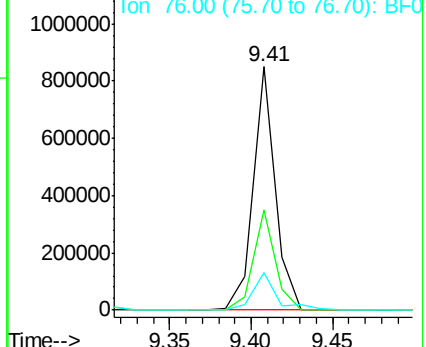
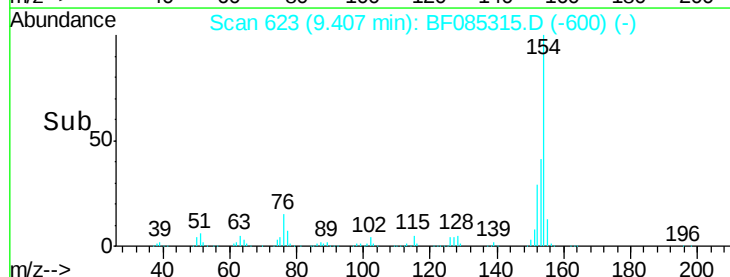
76 15.2 0.0 37.5

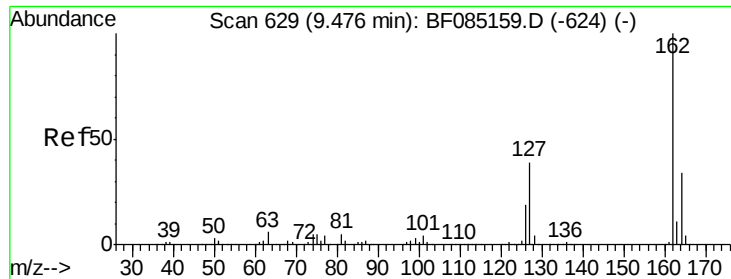


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 31.31 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

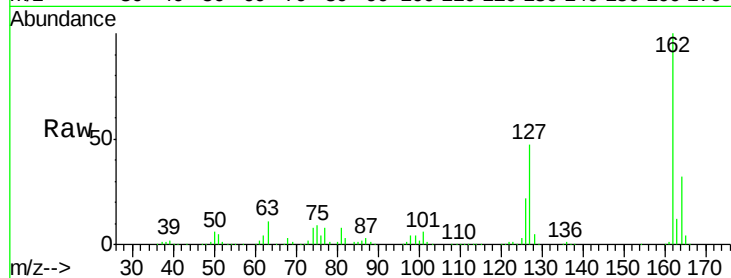
Tgt Ion:162 Resp: 635200

Ion Ratio Lower Upper

162 100

127 47.4 31.6 47.4

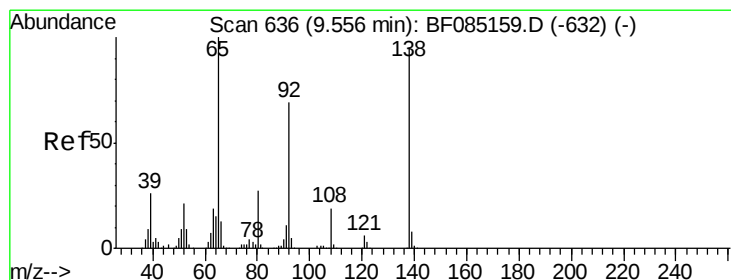
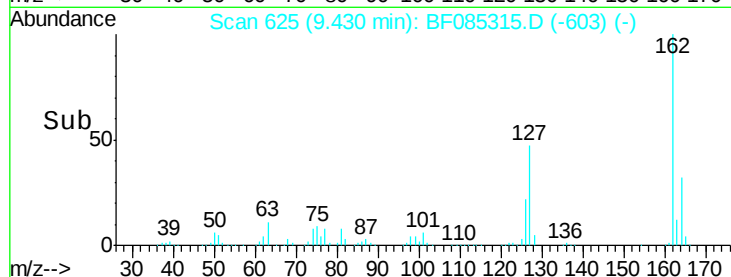
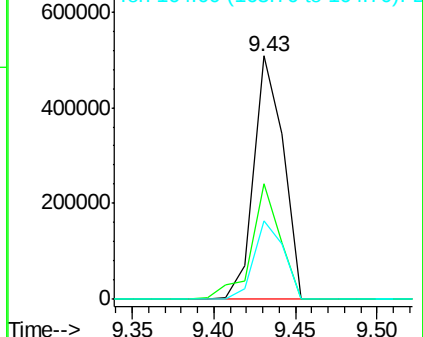
164 32.1 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 34.69 ng

RT: 9.53 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

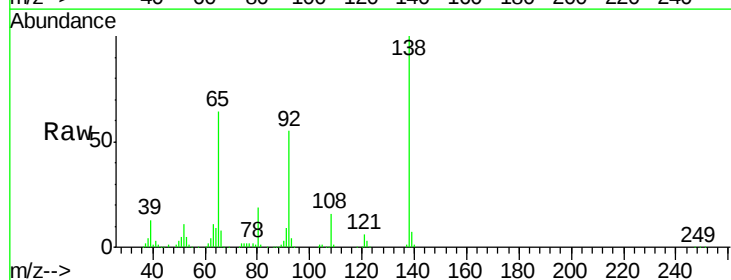
Tgt Ion: 65 Resp: 218017

Ion Ratio Lower Upper

65 100

92 85.5 55.4 83.2#

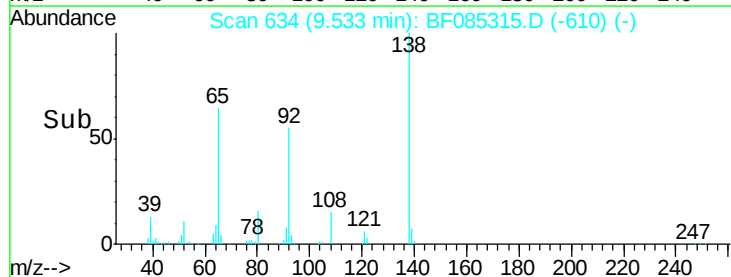
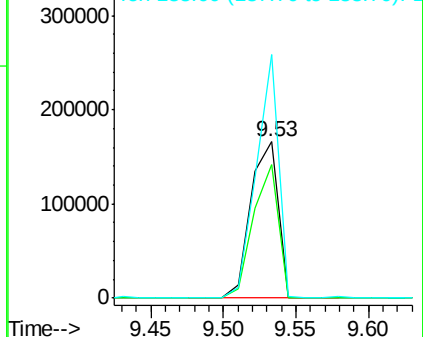
138 155.6 75.7 113.5#

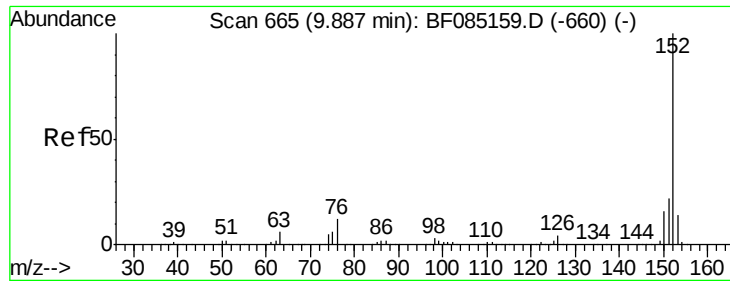


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 34.76 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

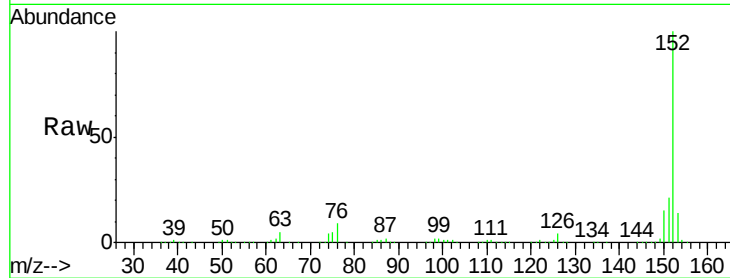
Tgt Ion:152 Resp: 1097233

Ion Ratio Lower Upper

152 100

151 20.6 17.5 26.3

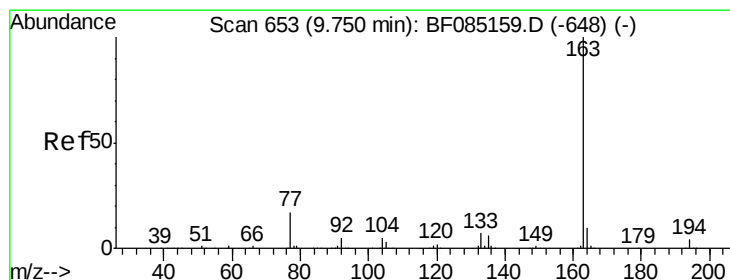
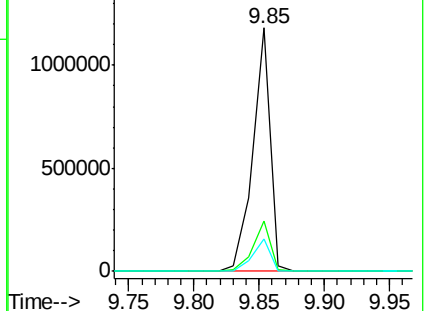
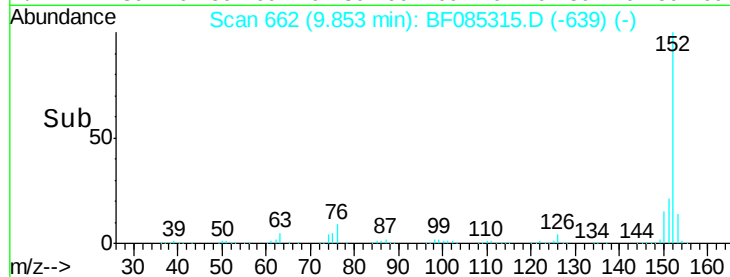
153 13.5 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.34 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

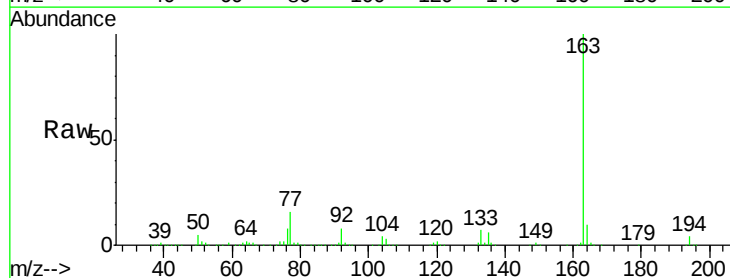
Tgt Ion:163 Resp: 1155784

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

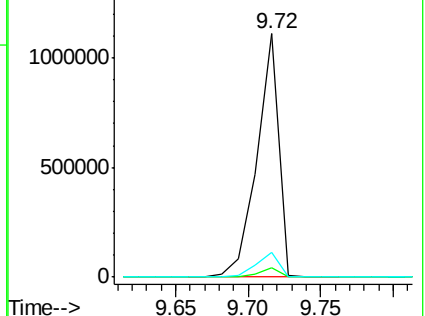
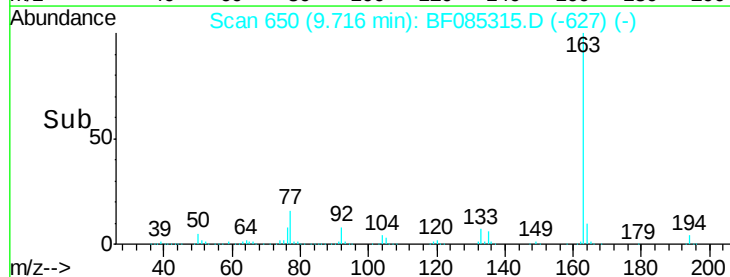
164 10.1 8.2 12.4

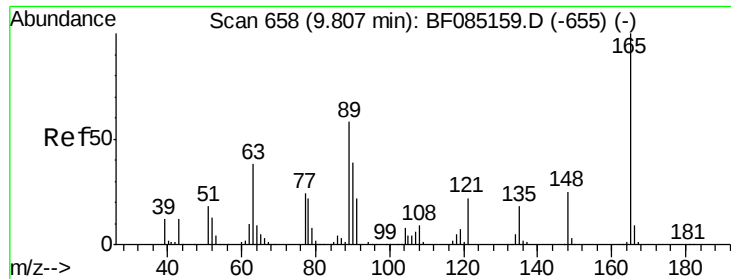


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

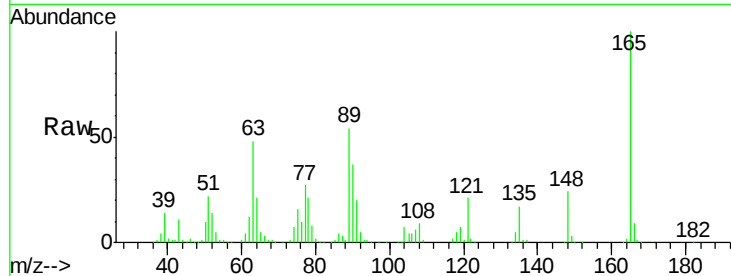




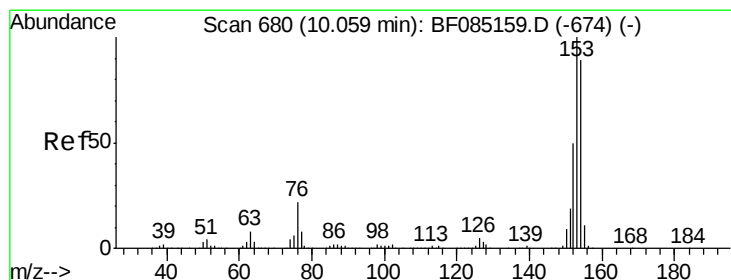
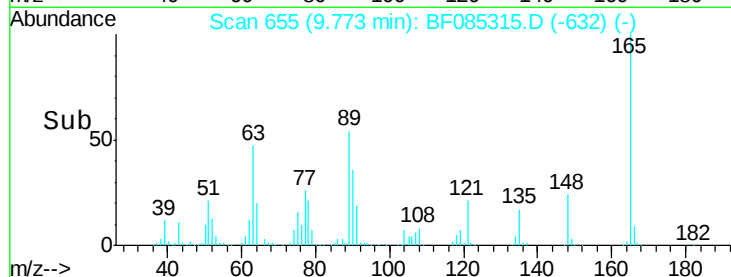
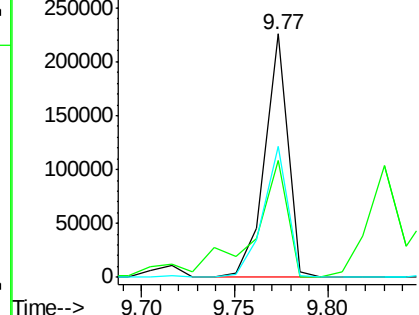
#50
2,6-Dinitrotoluene
Concen: 37.65 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

Tgt Ion:165 Resp: 192552
Ion Ratio Lower Upper
165 100
63 47.8 41.8 62.8
89 54.0 46.7 70.1

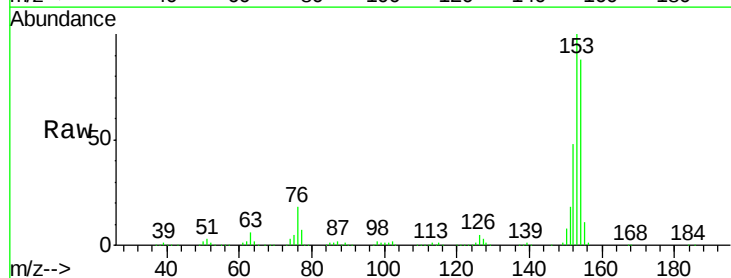


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

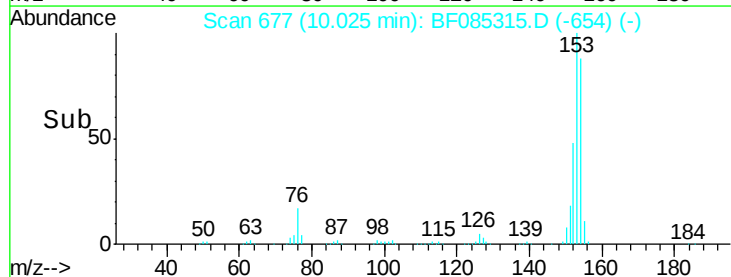
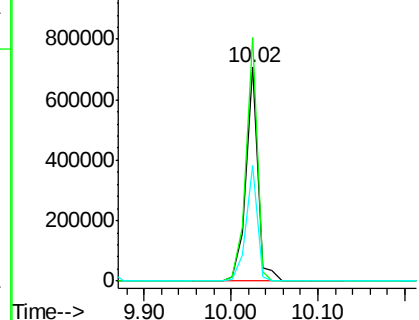


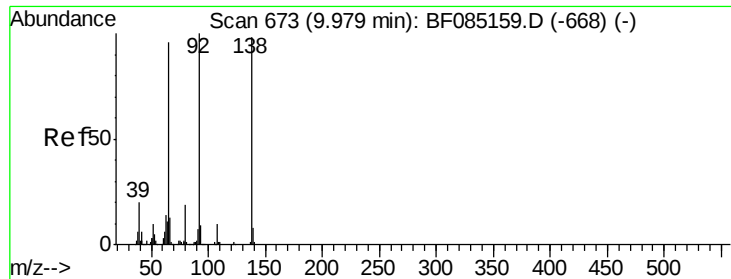
#51
Acenaphthene
Concen: 34.50 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion:154 Resp: 661310
Ion Ratio Lower Upper
154 100
153 113.8 89.8 134.8
152 54.2 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 29.58 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

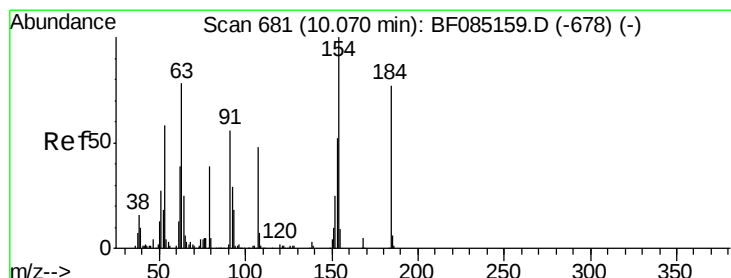
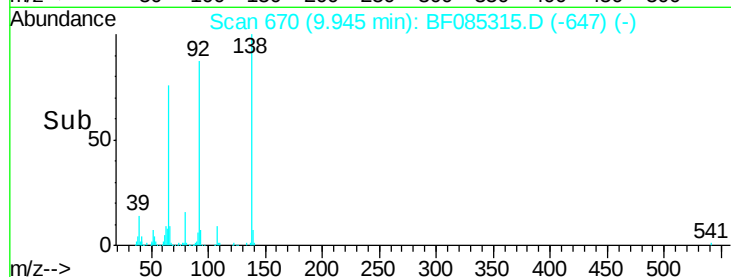
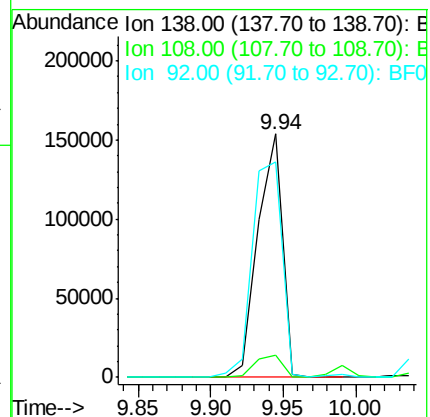
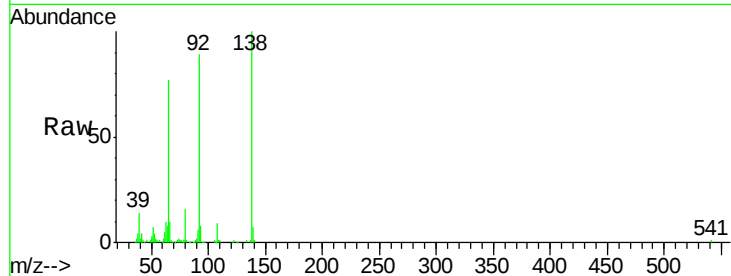
Tgt Ion:138 Resp: 180990

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

92 88.6 81.3 121.9



#53

2,4-Dinitrophenol

Concen: 29.78 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

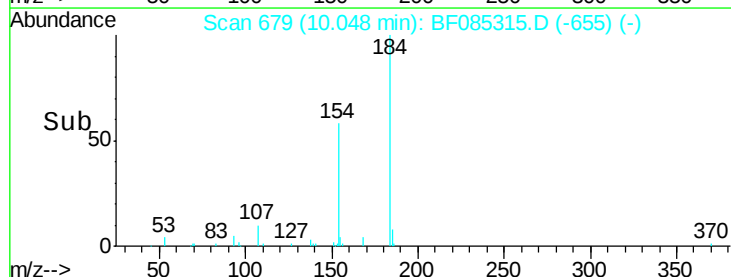
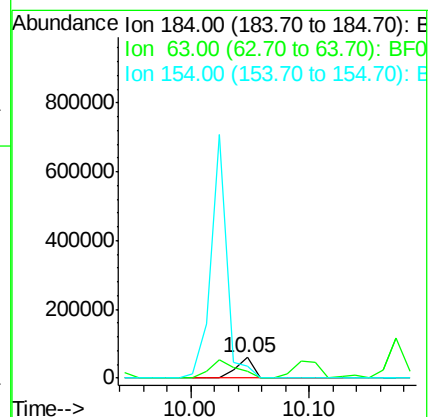
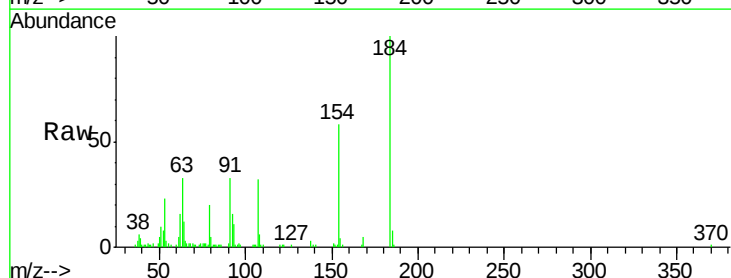
Tgt Ion:184 Resp: 62765

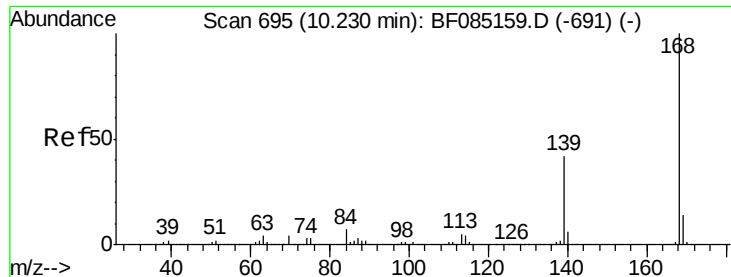
Ion Ratio Lower Upper

184 100

63 33.3 82.2 123.4#

154 58.1 108.9 163.3#

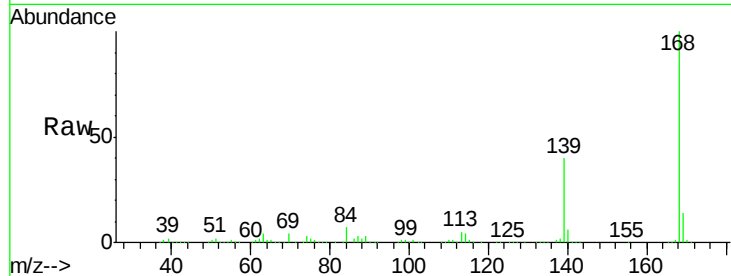




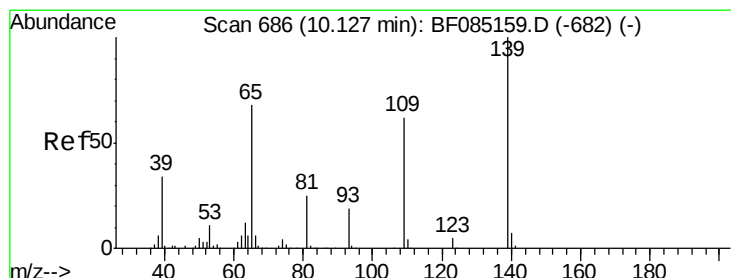
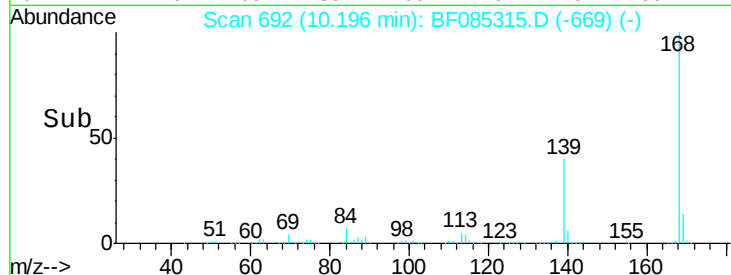
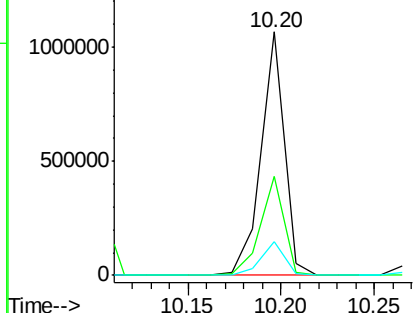
#54
Dibenzenofuran
Concen: 36.50 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

Tgt Ion:168 Resp: 916676
Ion Ratio Lower Upper
168 100
139 40.5 33.6 50.4
169 13.8 11.2 16.8

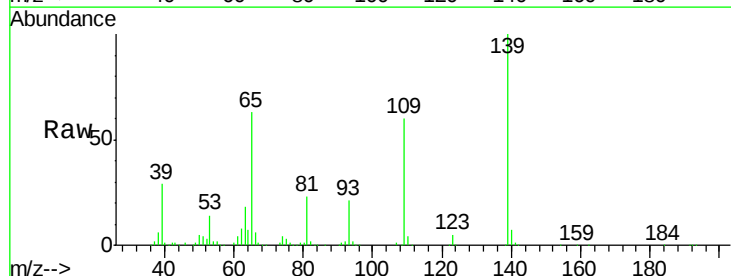


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

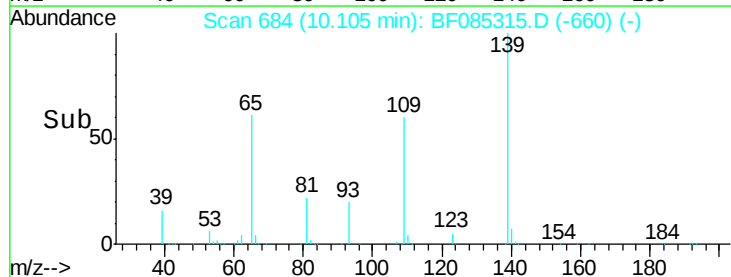
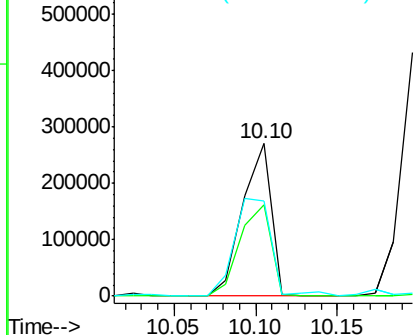


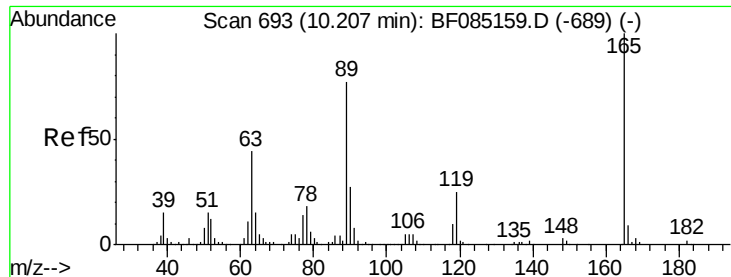
#55
4-Nitrophenol
Concen: 69.00 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion:139 Resp: 331797
Ion Ratio Lower Upper
139 100
109 59.9 41.9 81.9
65 62.7 48.3 88.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

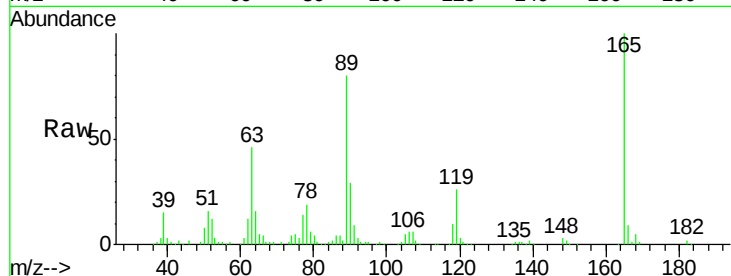




#56
 2,4-Dinitrotoluene
 Concen: 33.85 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Tgt Ion:	165	Resp:	221555
Ion	Ratio	Lower	Upper
165	100		
63	46.1	35.4	53.0
89	80.1	61.9	92.9
182	2.4	1.9	2.9

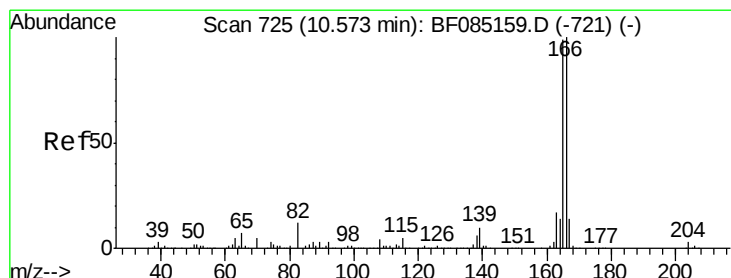
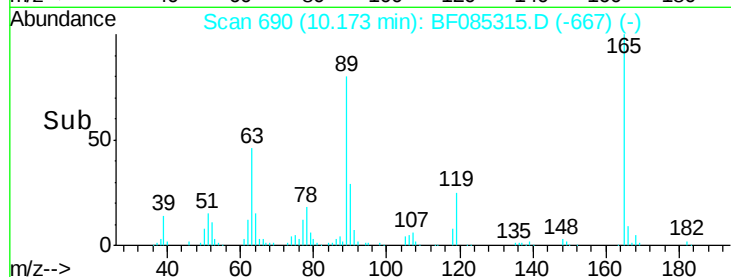
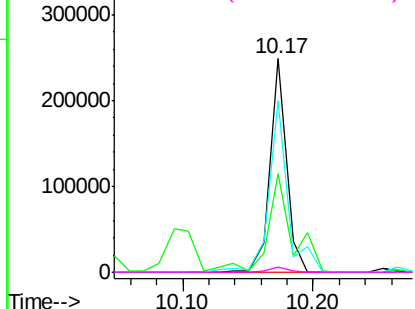


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

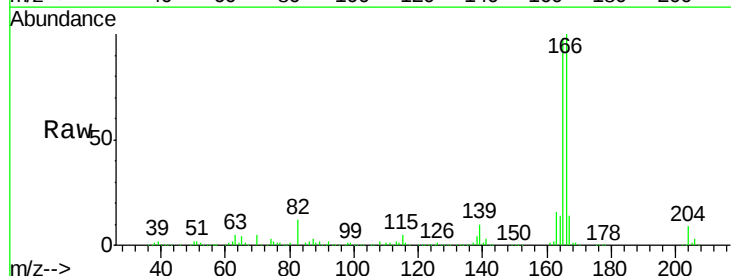
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 36.18 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

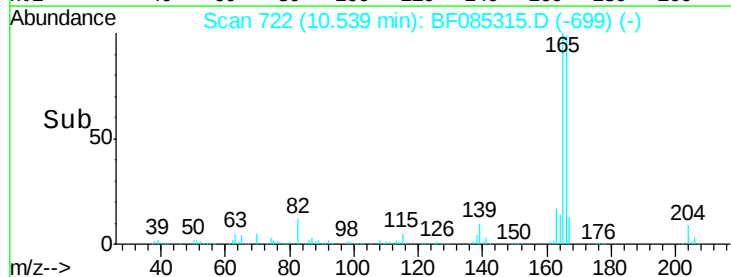
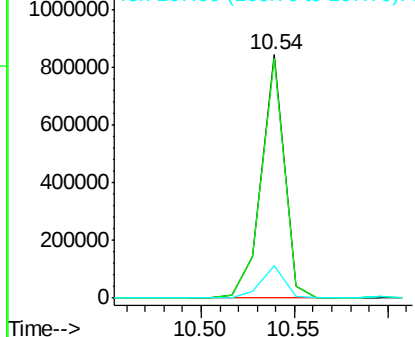
Tgt Ion:	166	Resp:	713671
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.4	119.0
167	13.5	11.0	16.6

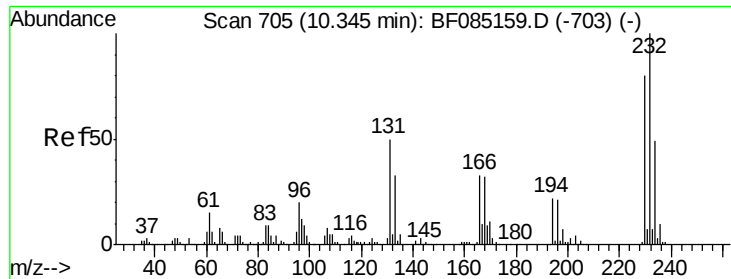


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

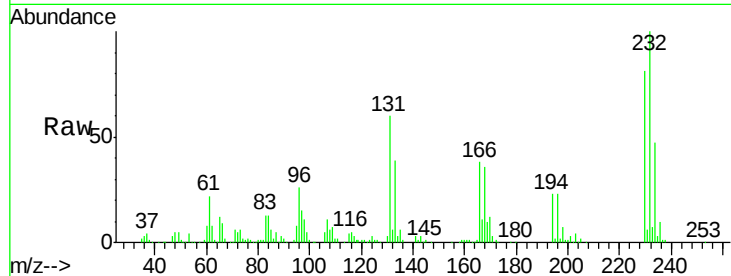




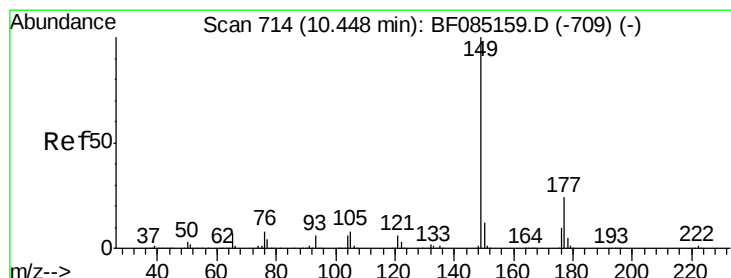
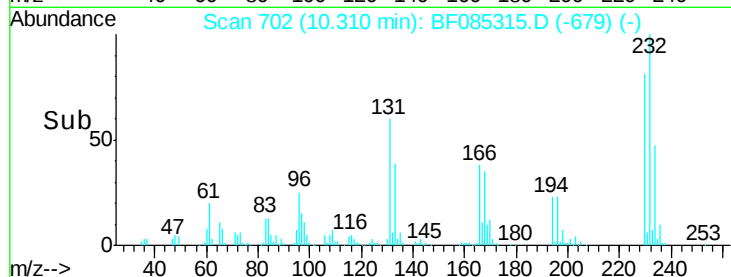
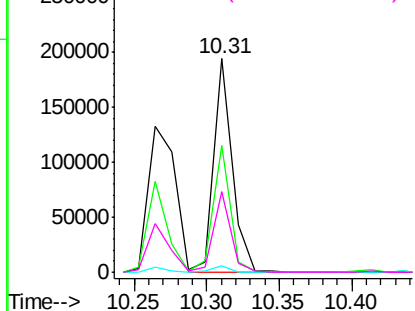
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.73 ng
 RT: 10.31 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Tgt Ion:232 Resp: 171056
 Ion Ratio Lower Upper
 232 100
 131 55.2 46.0 69.0
 130 2.8 2.2 3.4
 166 35.0 28.8 43.2

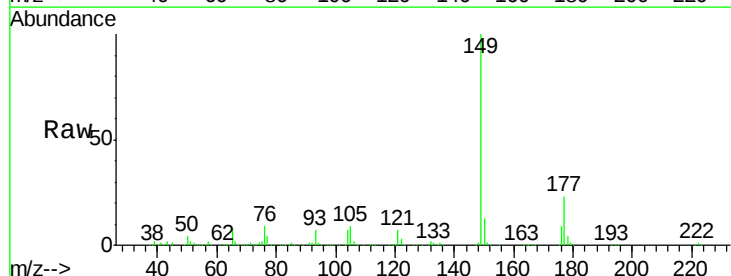


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

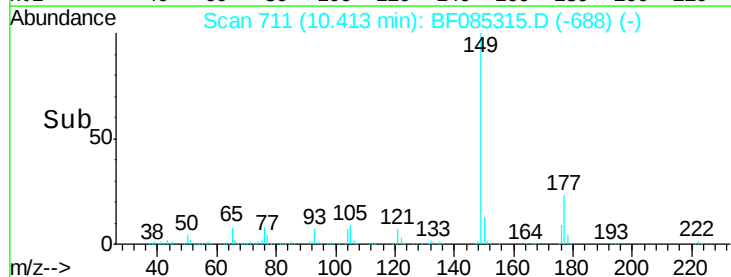
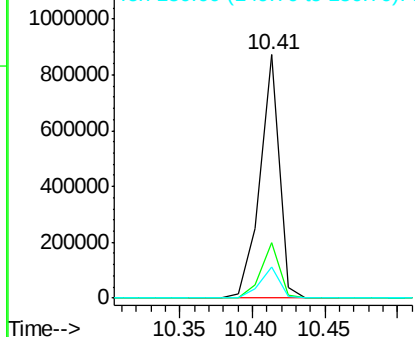


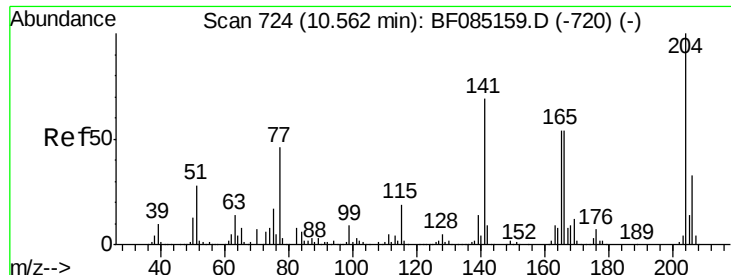
#59
 Diethylphthalate
 Concen: 34.78 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion:149 Resp: 806973
 Ion Ratio Lower Upper
 149 100
 177 22.8 19.2 28.8
 150 12.9 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

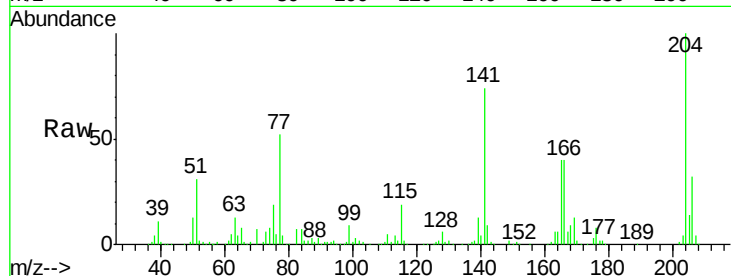




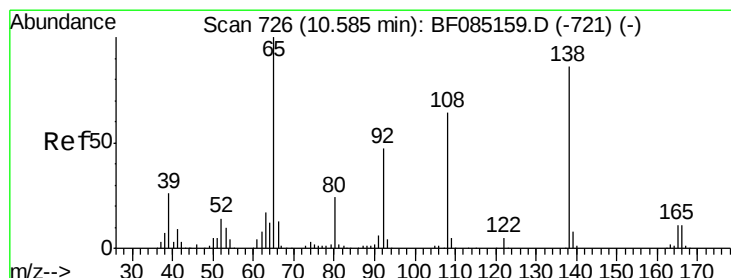
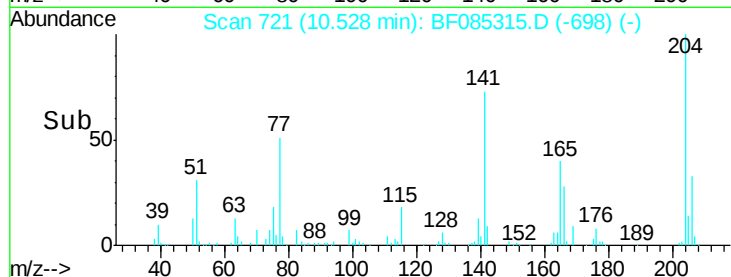
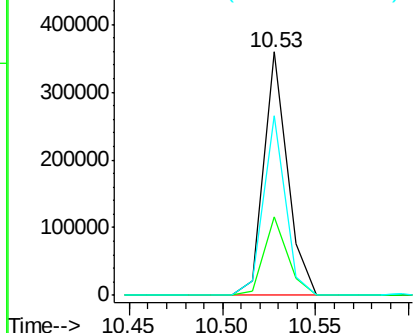
#60
4-Chlorophenyl-phenylether
Concen: 32.74 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

Tgt Ion:204 Resp: 314243
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 73.8 55.4 83.2

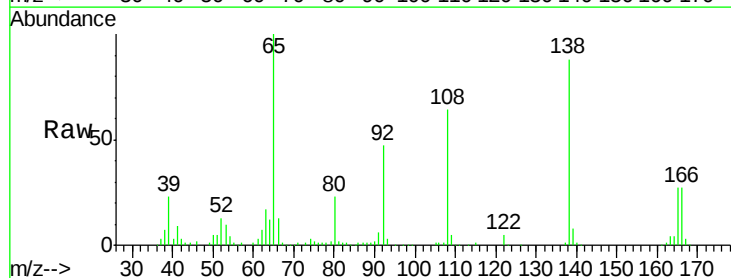


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

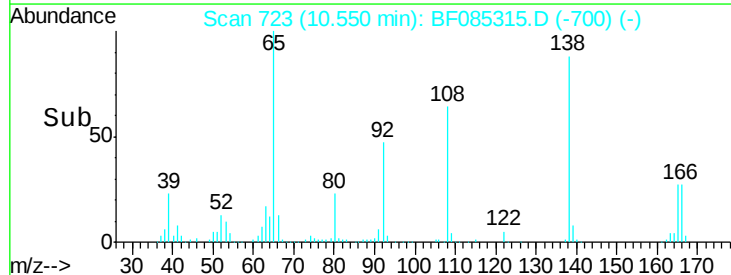
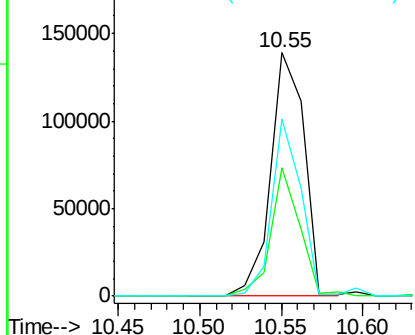


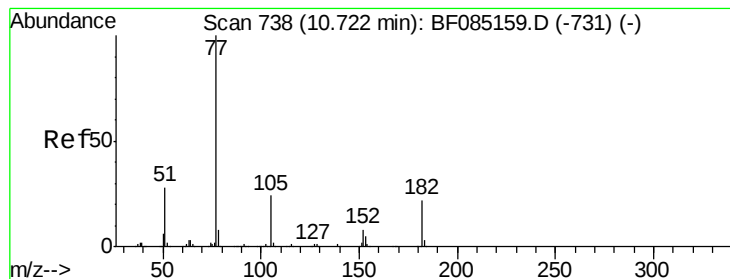
#61
4-Nitroaniline
Concen: 34.70 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion:138 Resp: 198577
Ion Ratio Lower Upper
138 100
92 52.9 34.2 74.2
108 72.8 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 34.06 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

Tgt Ion: 77 Resp: 778557

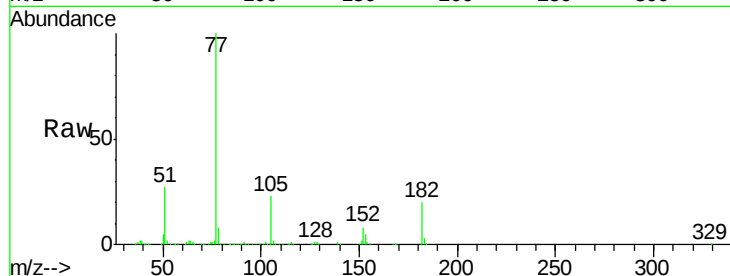
Ion Ratio Lower Upper

77 100

182 20.5 2.1 42.1

105 22.7 3.8 43.8

51 26.9 7.8 47.8

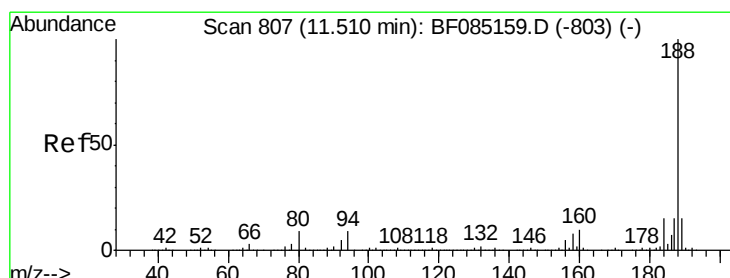
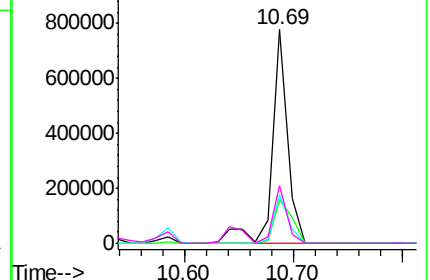
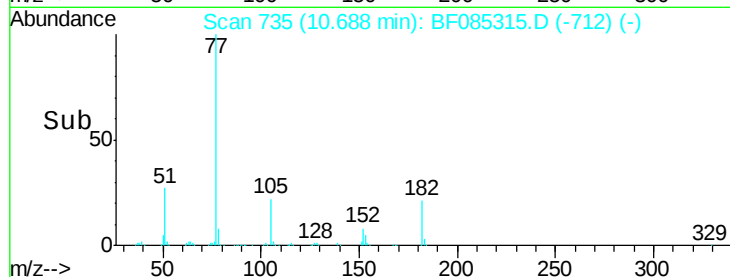


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

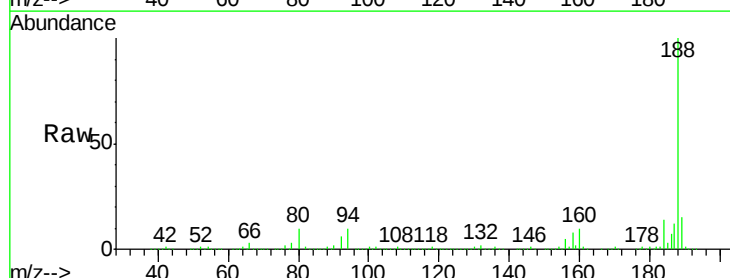
Tgt Ion: 188 Resp: 599962

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

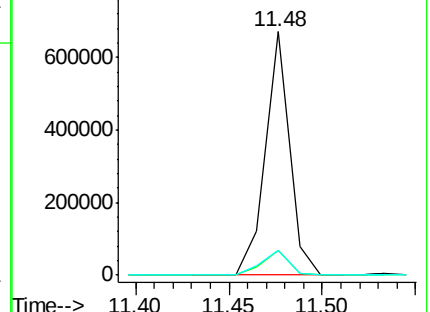
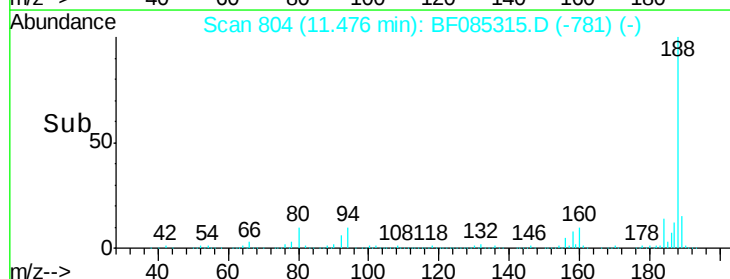
80 10.3 7.4 11.0

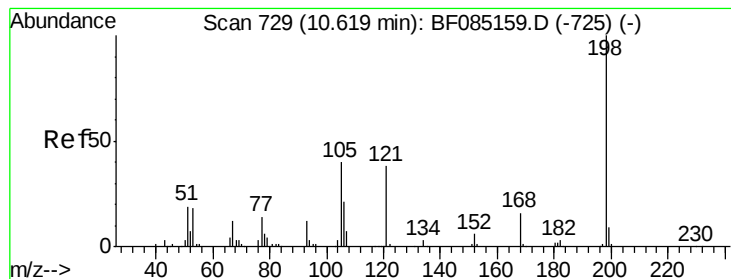


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 29.53 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

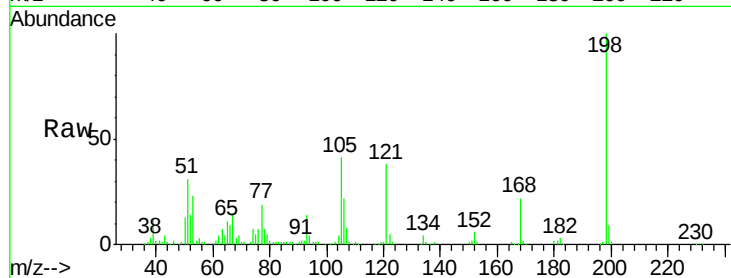
Tgt Ion:198 Resp: 106064

Ion Ratio Lower Upper

198 100

51 30.8 9.5 49.5

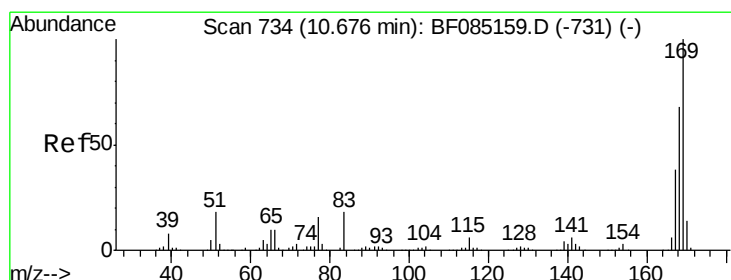
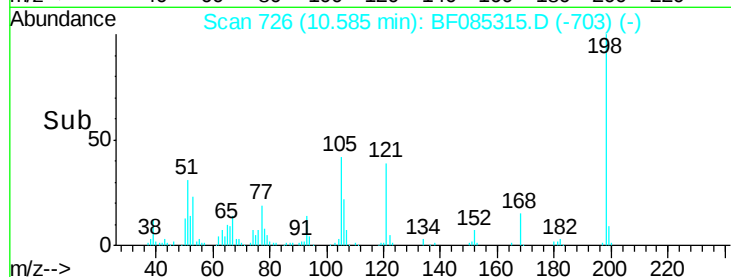
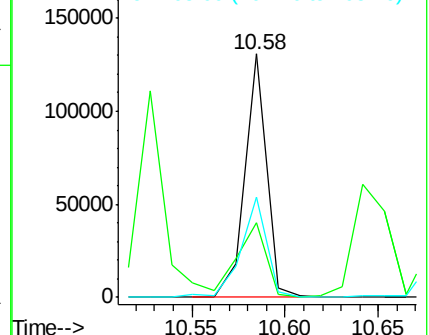
105 41.1 20.5 60.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.52 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

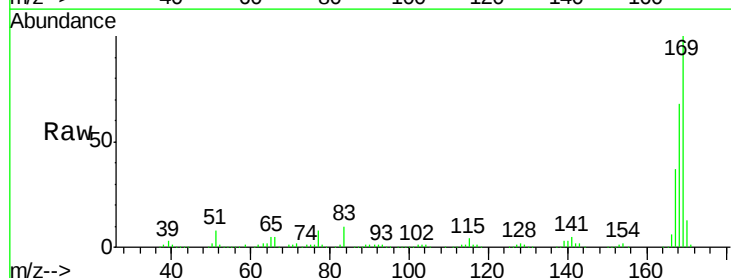
Tgt Ion:169 Resp: 662815

Ion Ratio Lower Upper

169 100

168 68.4 54.8 82.2

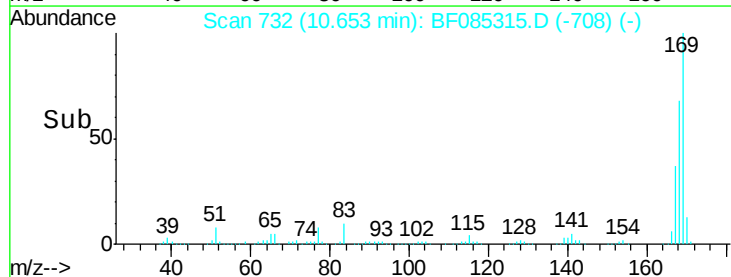
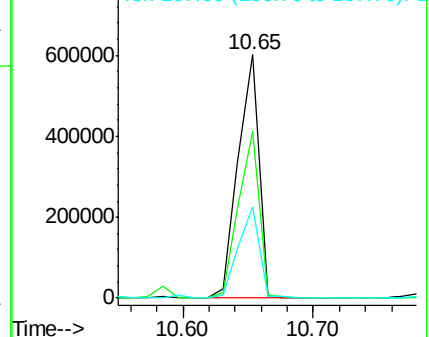
167 37.4 30.3 45.5

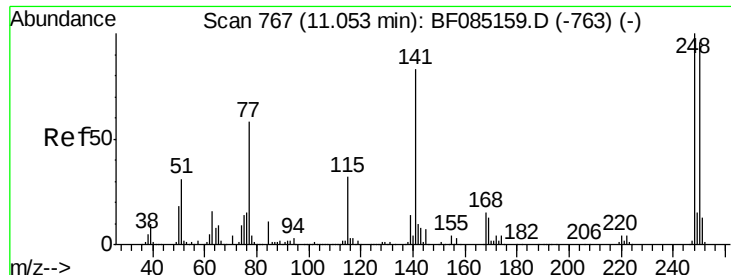


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

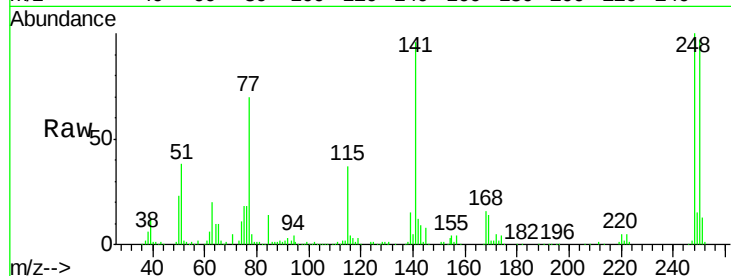




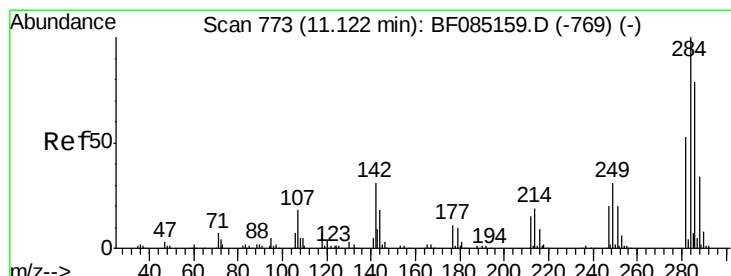
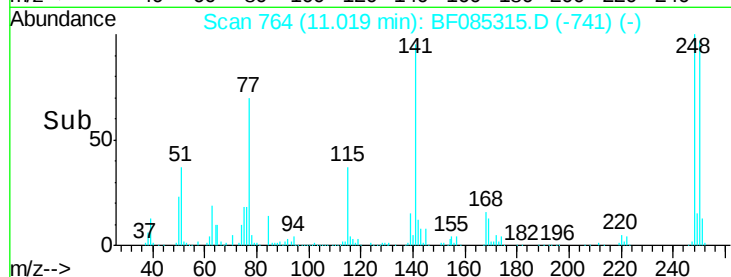
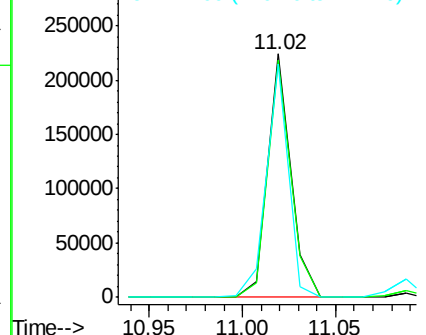
#66
 4-Bromophenyl-phenylether
 Concen: 32.71 ng
 RT: 11.02 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMS

Tgt Ion:248 Resp: 190582
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 96.1 66.2 99.2

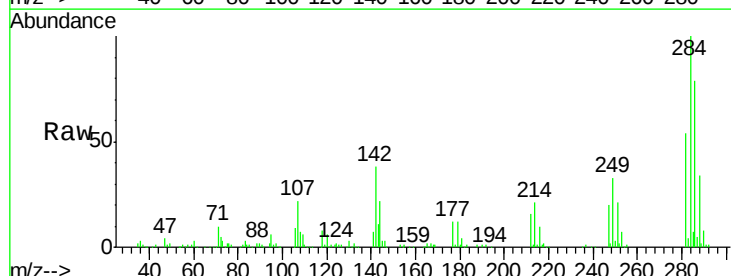


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

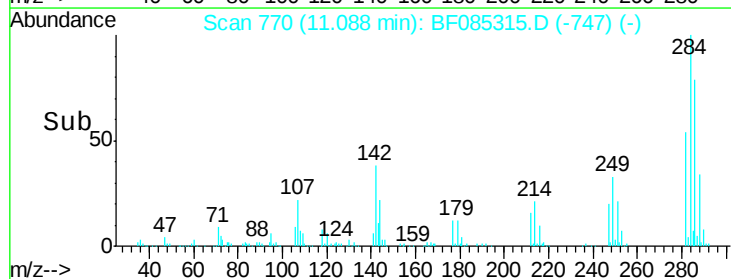
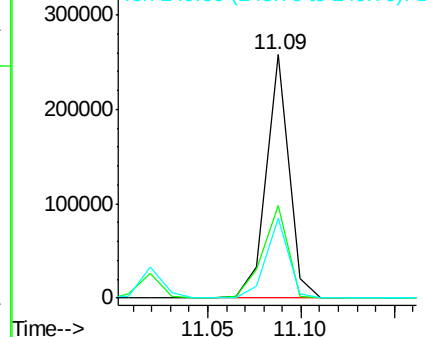


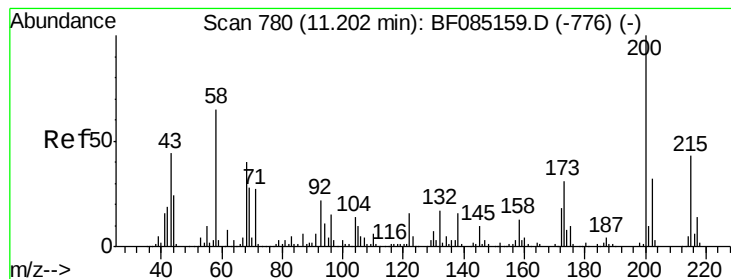
#67
 Hexachlorobenzene
 Concen: 34.61 ng
 RT: 11.09 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF085315.D
 Acq: 9 Mar 2016 23:01

Tgt Ion:284 Resp: 215104
 Ion Ratio Lower Upper
 284 100
 142 37.9 24.9 37.3#
 249 33.0 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 44.26 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

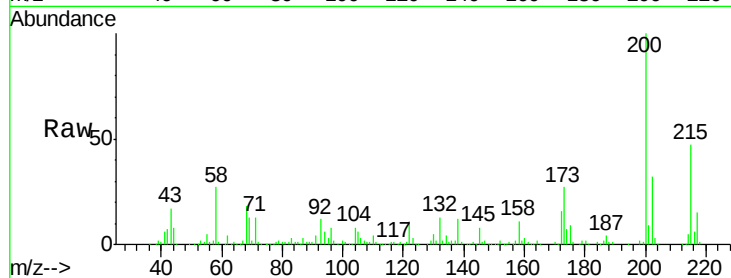
Tgt Ion:200 Resp: 229682

Ion Ratio Lower Upper

200 100

173 26.9 10.5 50.5

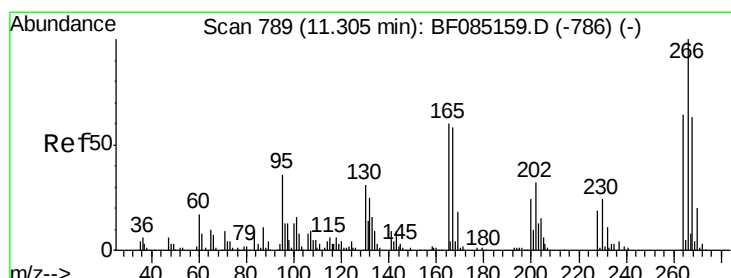
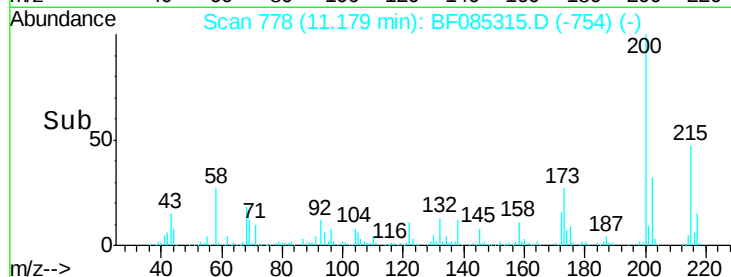
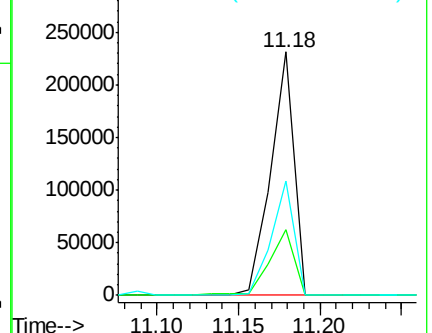
215 47.1 23.4 63.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 65.65 ng

RT: 11.28 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

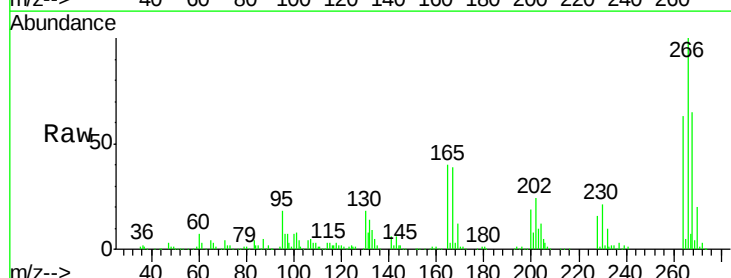
Tgt Ion:266 Resp: 226477

Ion Ratio Lower Upper

266 100

268 64.5 50.0 75.0

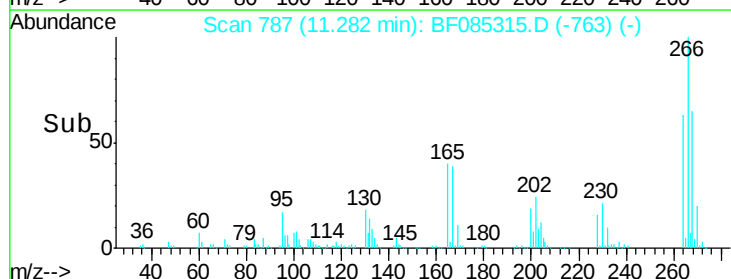
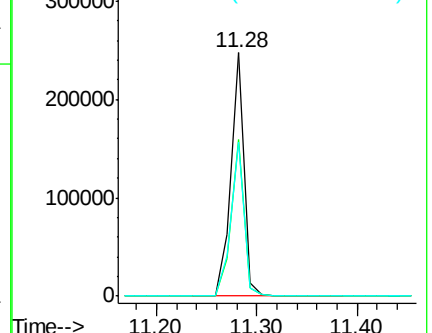
264 63.1 51.4 77.2

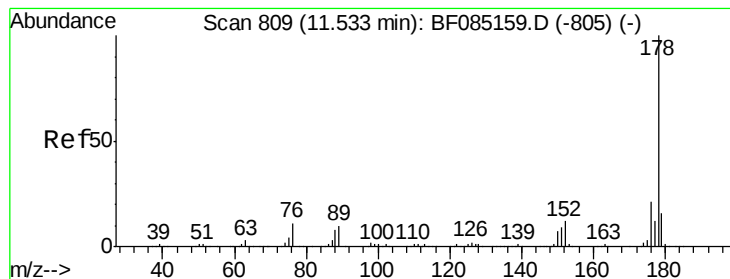


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 31.88 ng

RT: 11.50 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

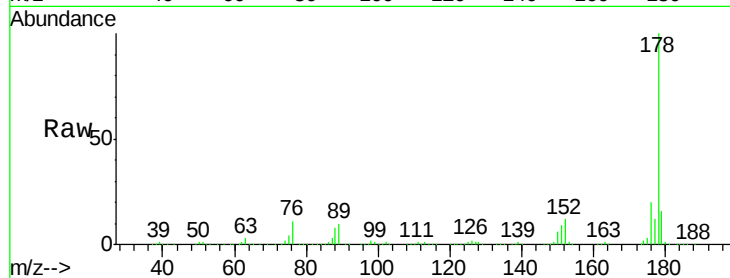
Tgt Ion:178 Resp: 1002405

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

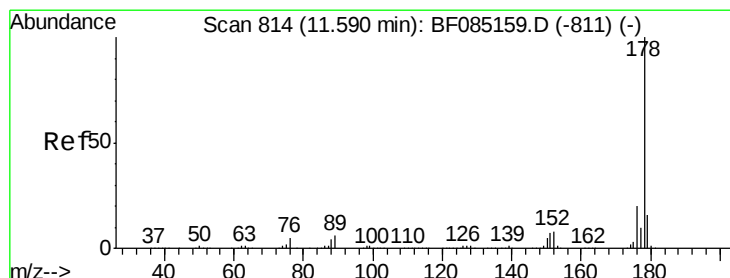
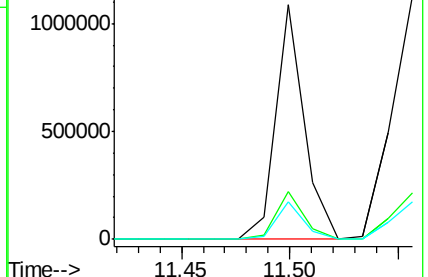
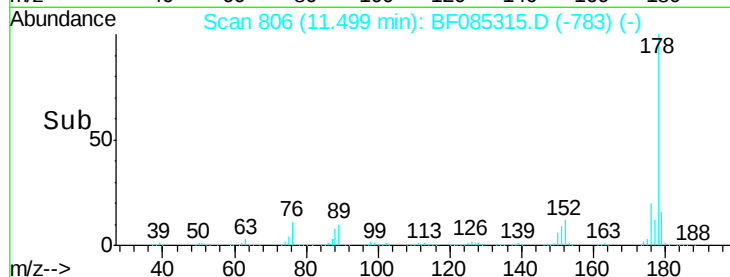
179 16.0 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 33.99 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

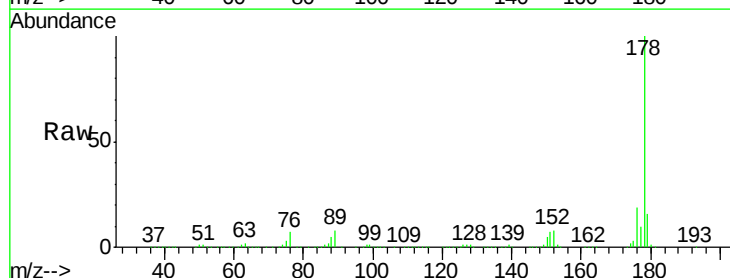
Tgt Ion:178 Resp: 1134645

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

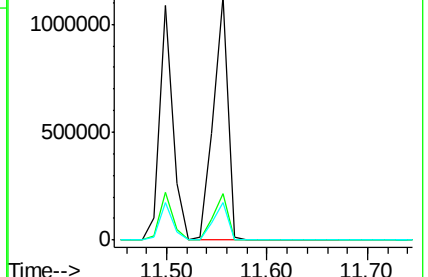
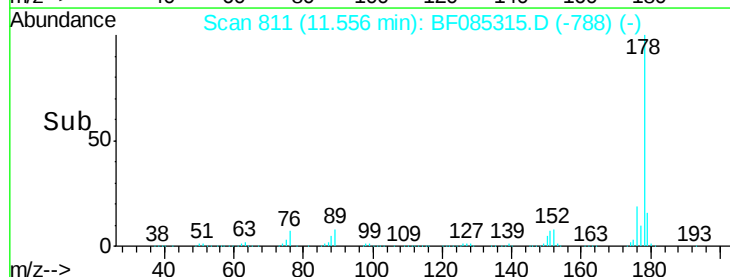
179 15.6 12.5 18.7

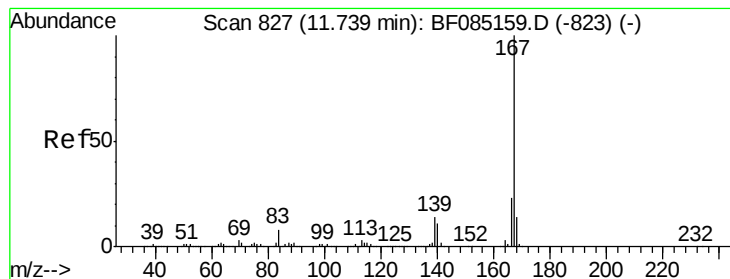


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 32.29 ng

RT: 11.70 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

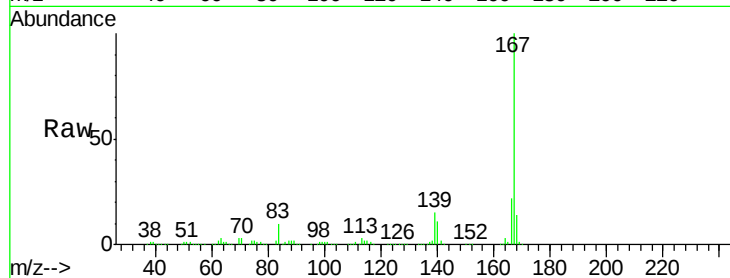
Tgt Ion:167 Resp: 944990

Ion Ratio Lower Upper

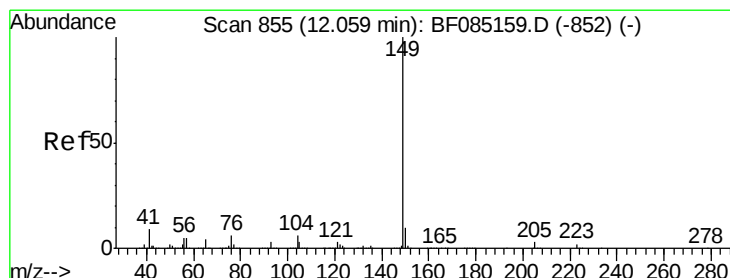
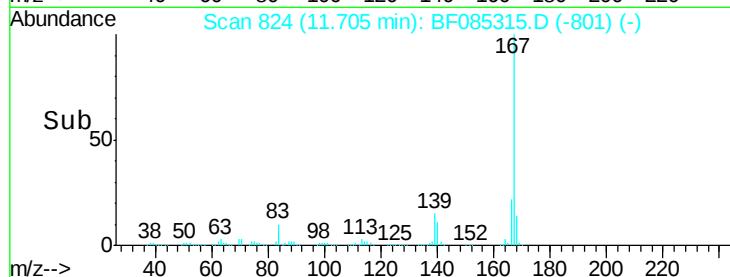
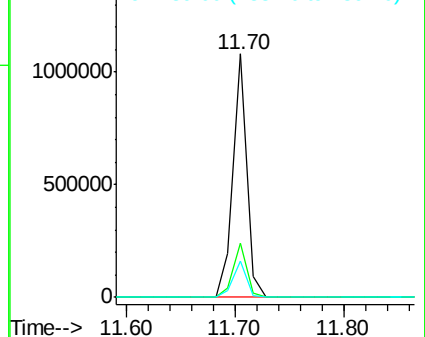
167 100

166 22.2 18.2 27.2

139 14.9 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 33.96 ng

RT: 12.04 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

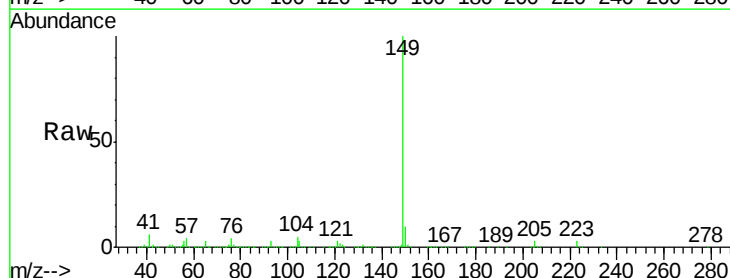
Tgt Ion:149 Resp: 1256467

Ion Ratio Lower Upper

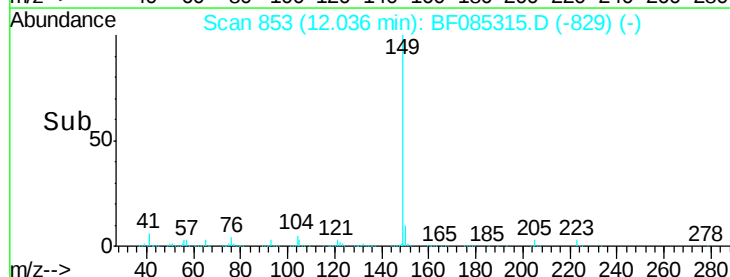
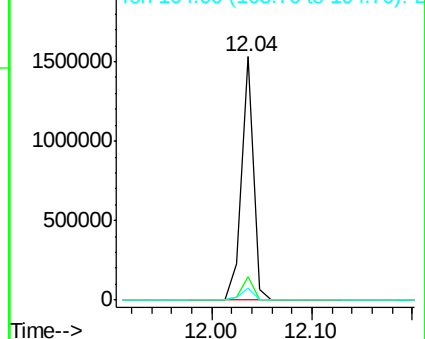
149 100

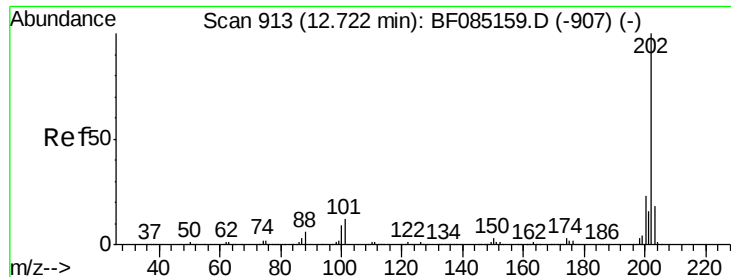
150 9.7 7.8 11.6

104 4.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 33.95 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

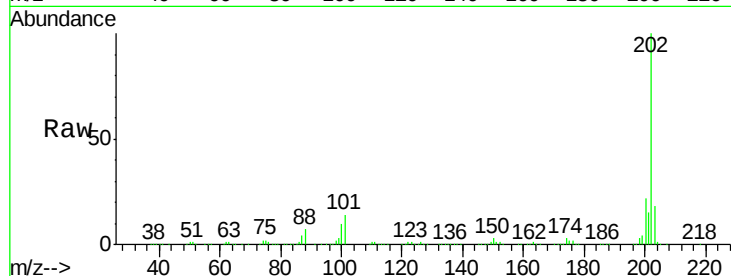
Tgt Ion:202 Resp: 1071212

Ion Ratio Lower Upper

202 100

101 13.8 0.0 31.8

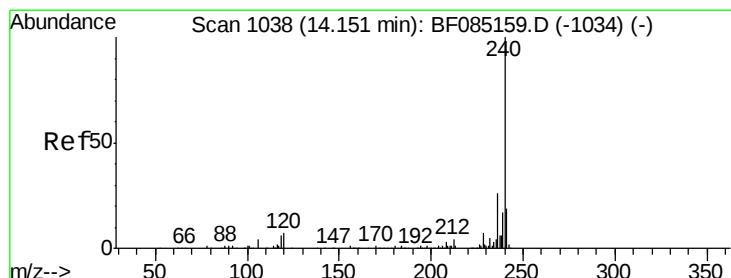
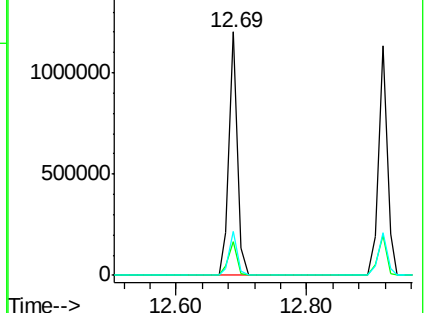
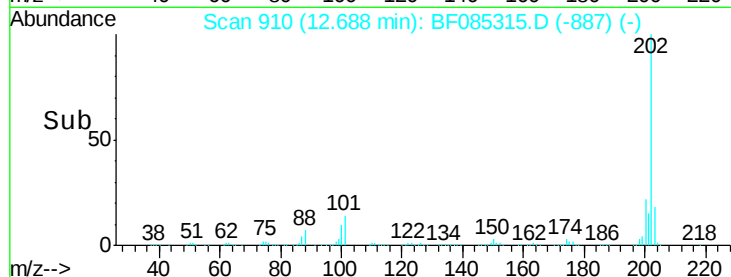
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

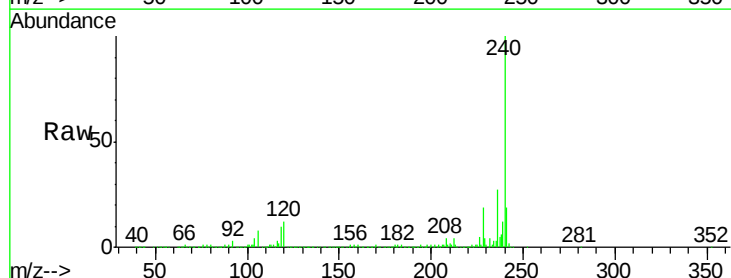
Tgt Ion:240 Resp: 443774

Ion Ratio Lower Upper

240 100

120 11.6 5.3 7.9#

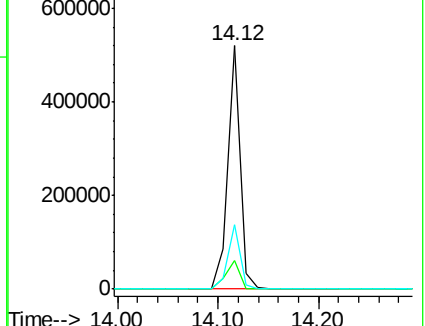
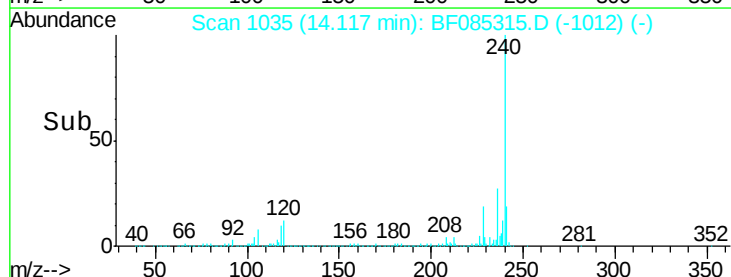
236 26.6 20.7 31.1

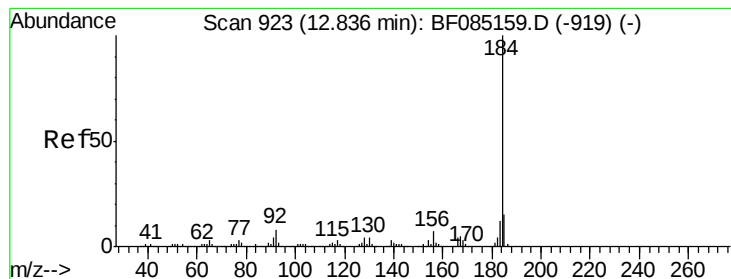


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 27.24 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

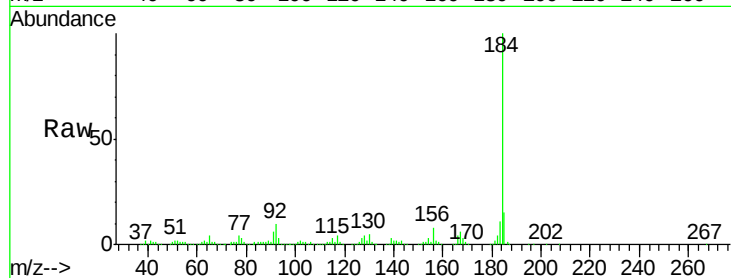
Tgt Ion:184 Resp: 359742

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

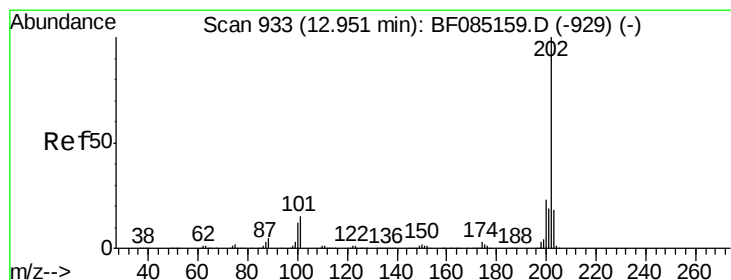
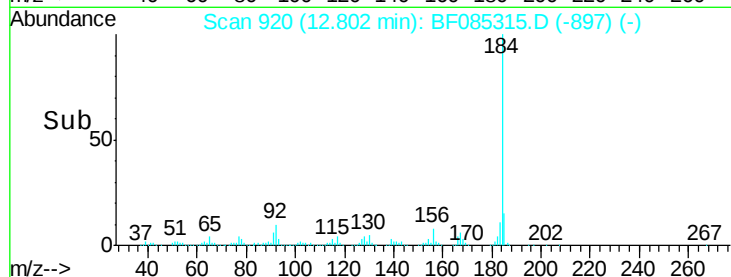
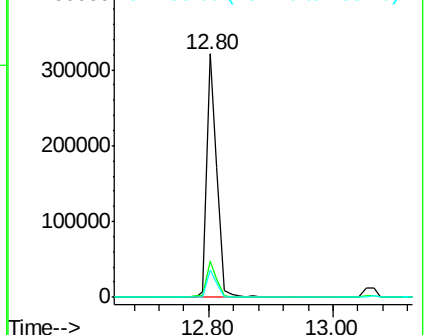
183 11.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 31.71 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

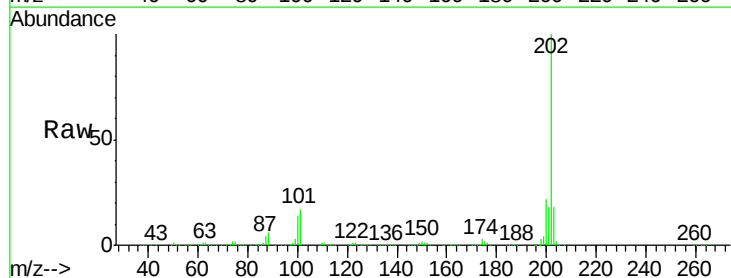
Tgt Ion:202 Resp: 1059195

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.4

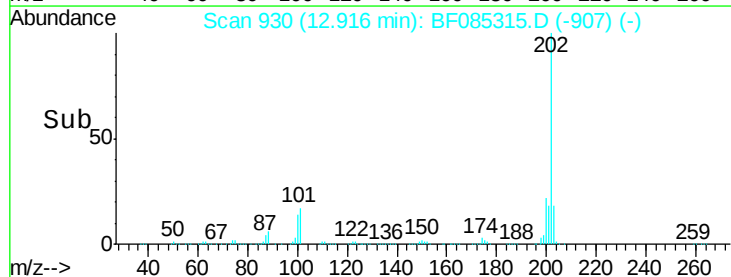
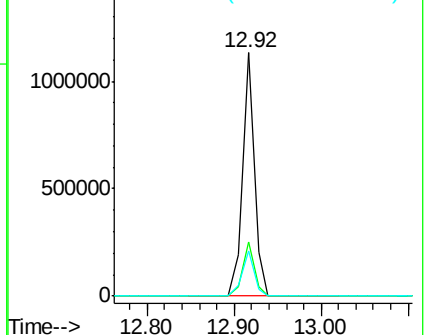
203 18.4 14.7 22.1

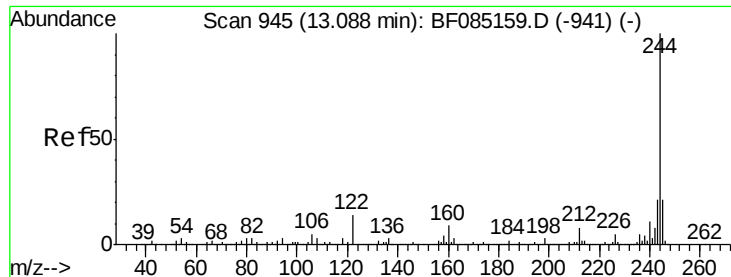


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.53 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

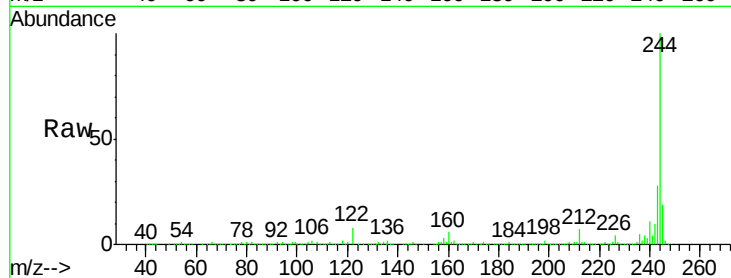
Tgt Ion:244 Resp: 1195373

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

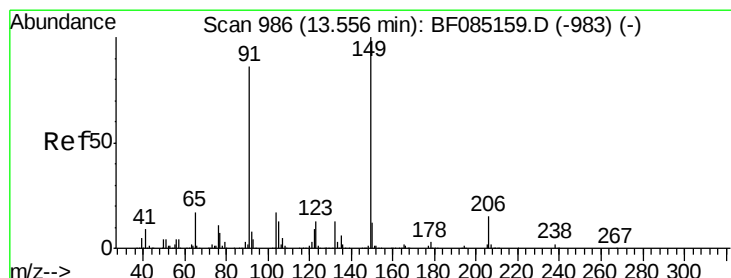
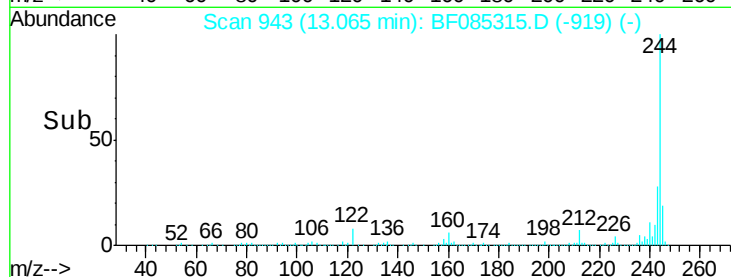
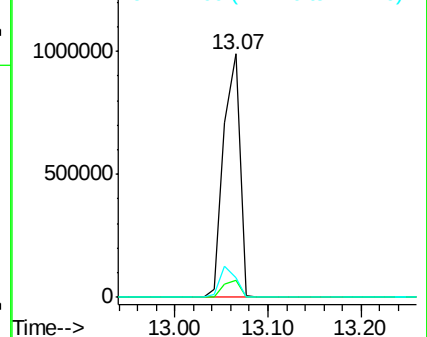
122 7.9 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.63 ng

RT: 13.53 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

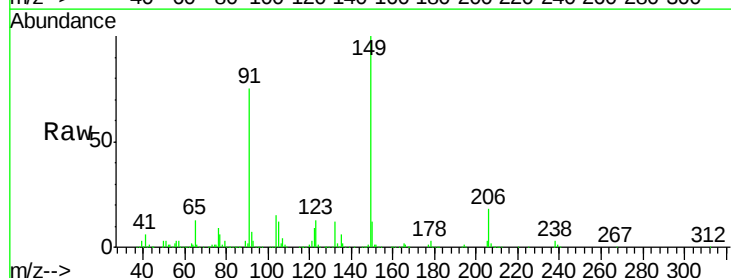
Tgt Ion:149 Resp: 509621

Ion Ratio Lower Upper

149 100

91 74.8 69.0 103.4

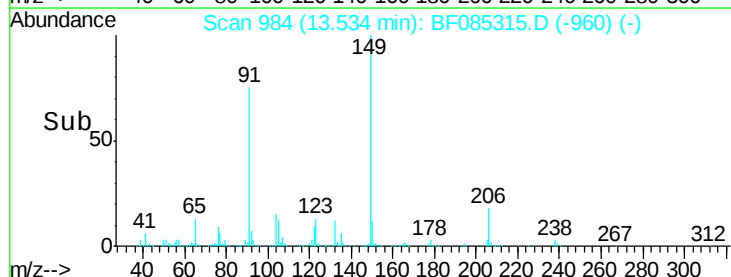
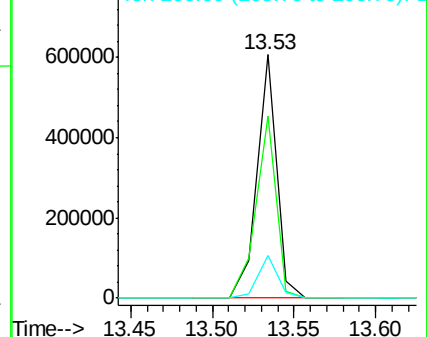
206 17.7 12.3 18.5

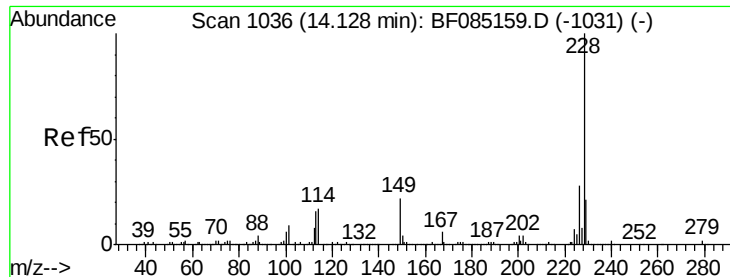


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 32.12 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

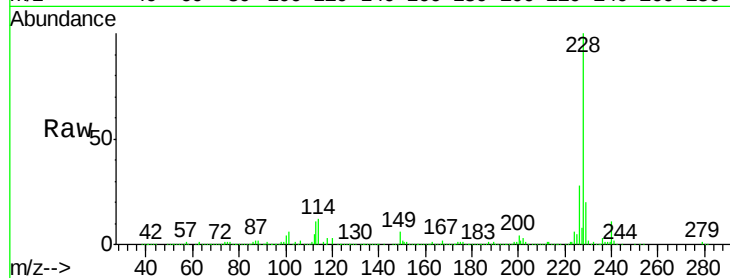
Tgt Ion:228 Resp: 853409

Ion Ratio Lower Upper

228 100

226 28.1 22.8 34.2

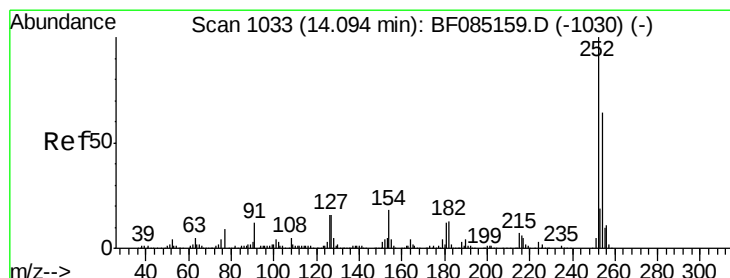
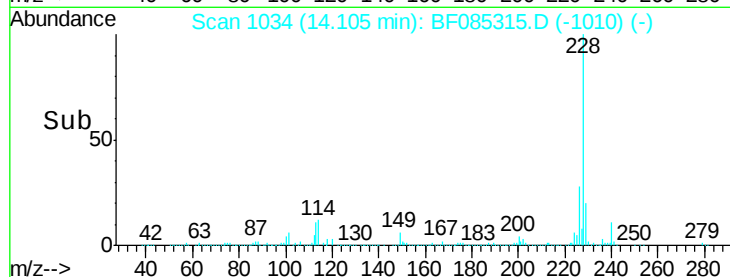
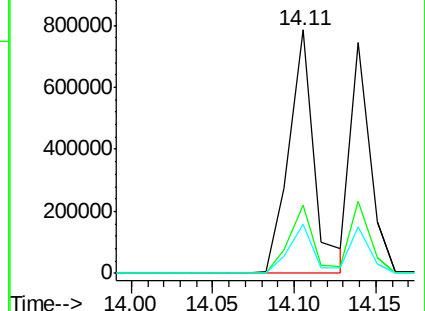
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 16.75 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

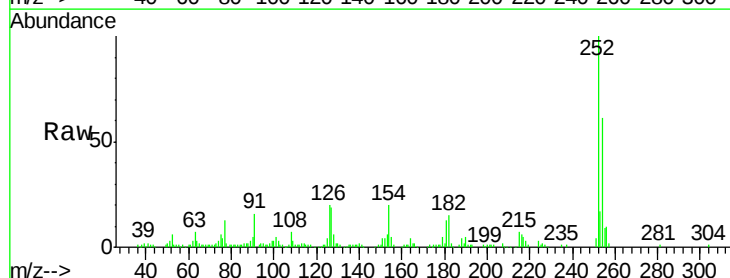
Tgt Ion:252 Resp: 140378

Ion Ratio Lower Upper

252 100

254 61.1 51.4 77.0

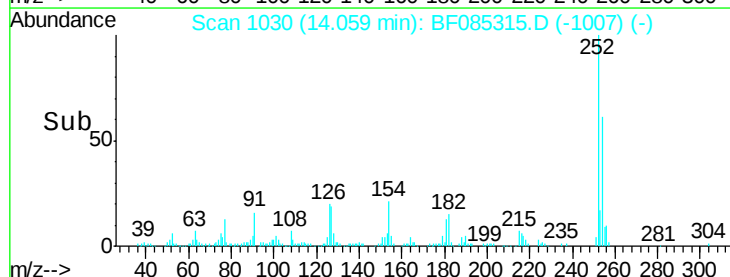
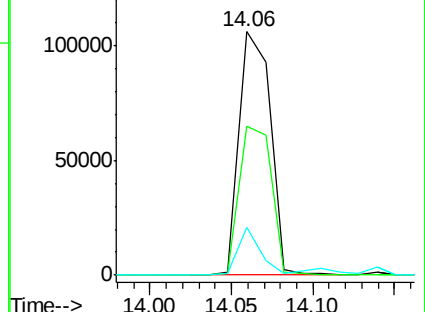
126 19.7 12.9 19.3#

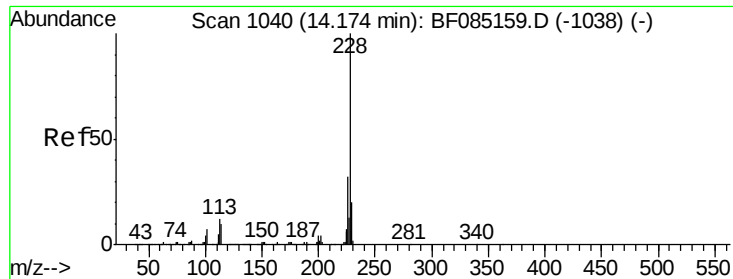


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 26.02 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

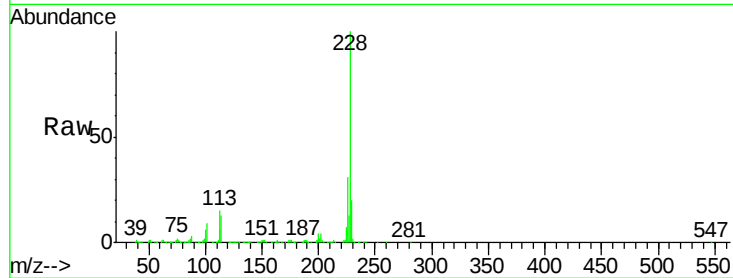
Tgt Ion:228 Resp: 638499

Ion Ratio Lower Upper

228 100

226 31.2 25.2 37.8

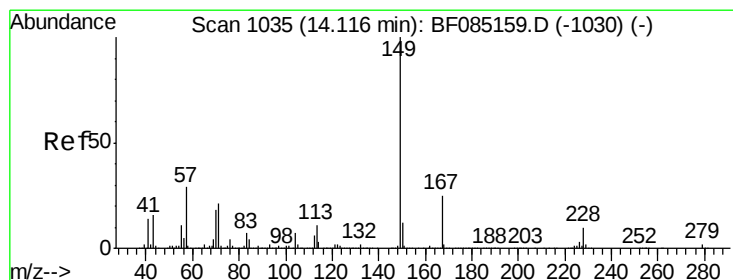
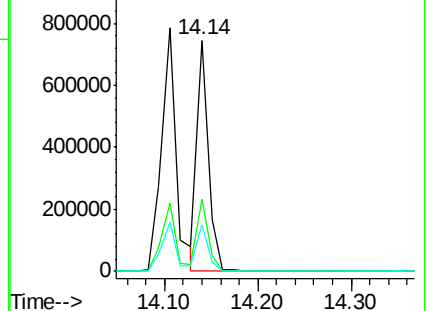
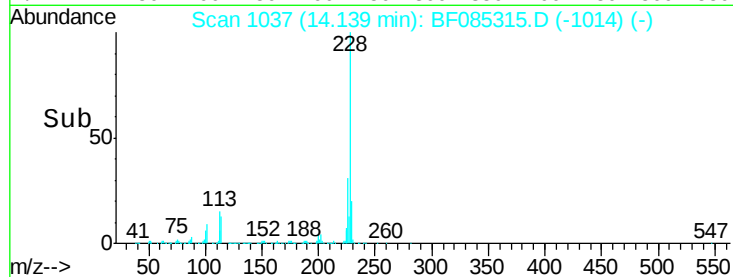
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.79 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

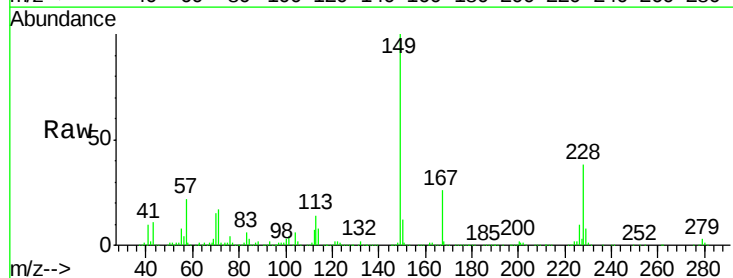
Tgt Ion:149 Resp: 633999

Ion Ratio Lower Upper

149 100

167 26.3 20.3 30.5

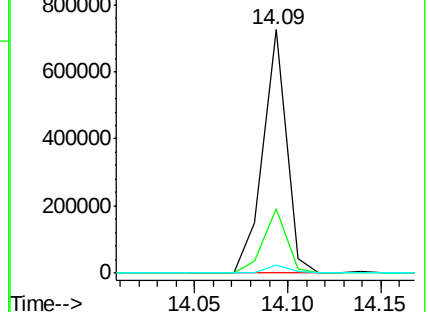
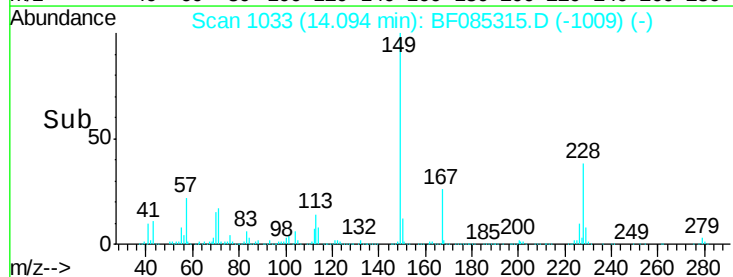
279 3.3 1.9 2.9#

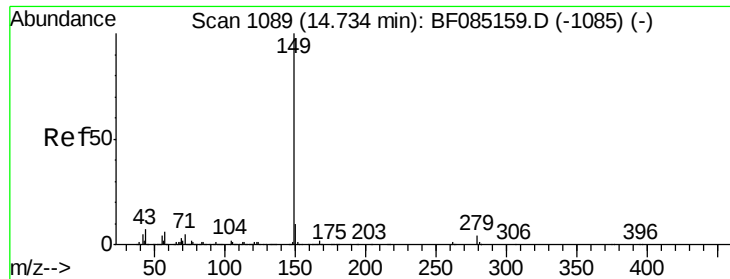


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 27.95 ng

RT: 14.70 min Scan# 1086

Delta R.T. -0.03 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

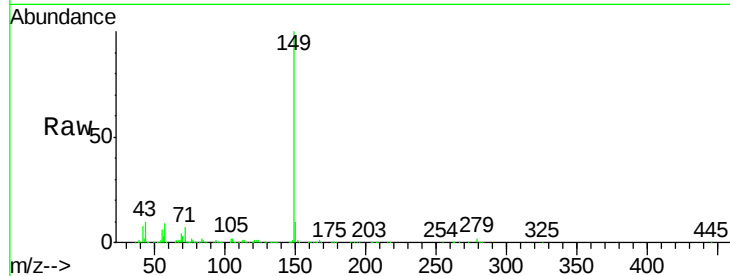
Tgt Ion:149 Resp: 848881

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 8.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.70

800000

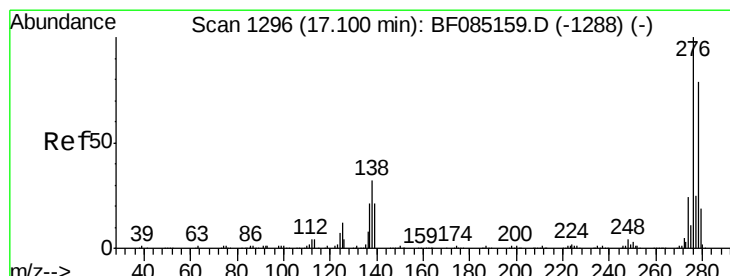
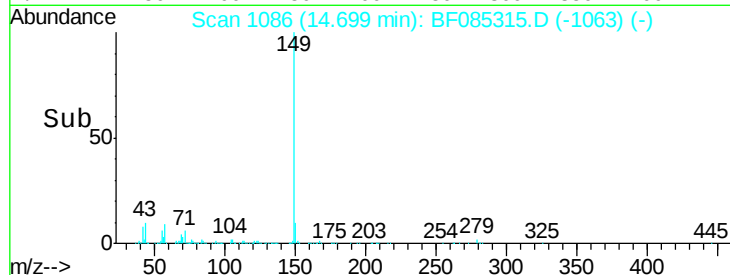
600000

400000

200000

0

Time--> 14.60 14.70 14.80



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.86 ng

RT: 17.04 min Scan# 1291

Delta R.T. -0.06 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

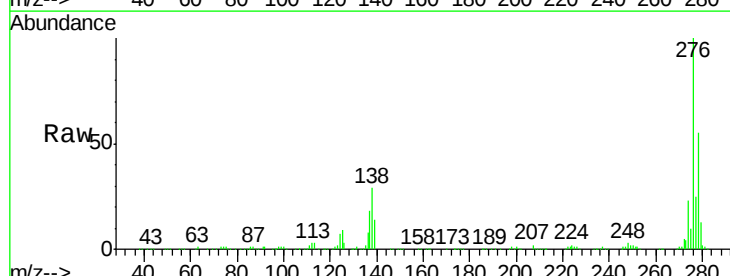
Tgt Ion:276 Resp: 552677

Ion Ratio Lower Upper

276 100

138 31.2 26.4 39.6

277 25.2 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

17.04

300000

250000

200000

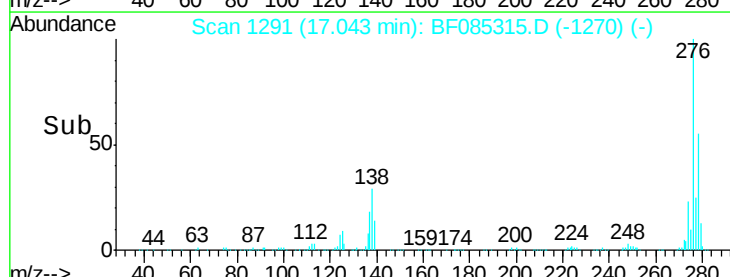
150000

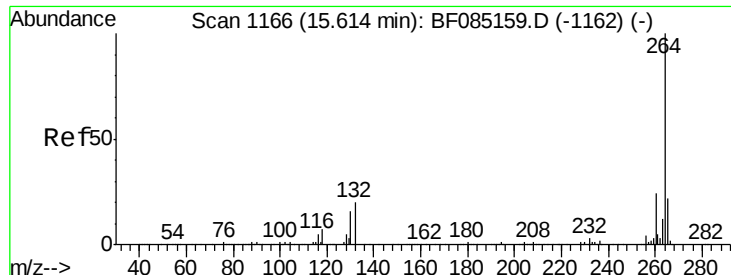
100000

50000

0

Time--> 17.00 17.20



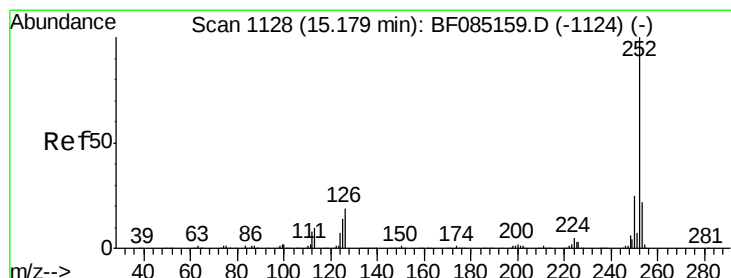
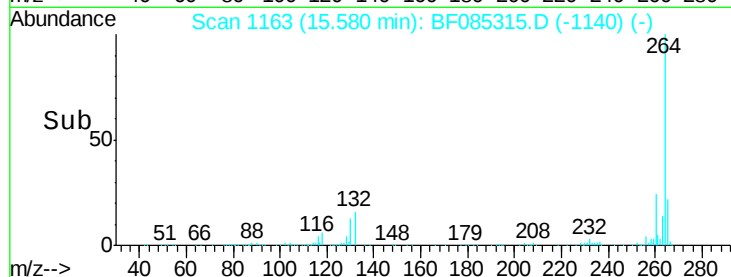
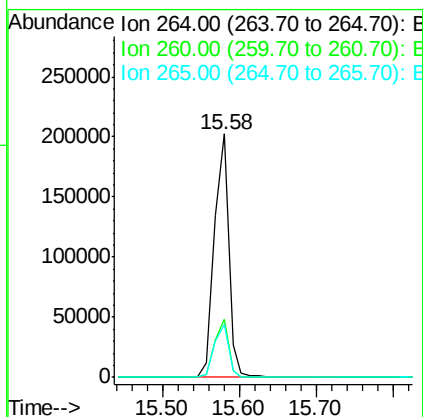
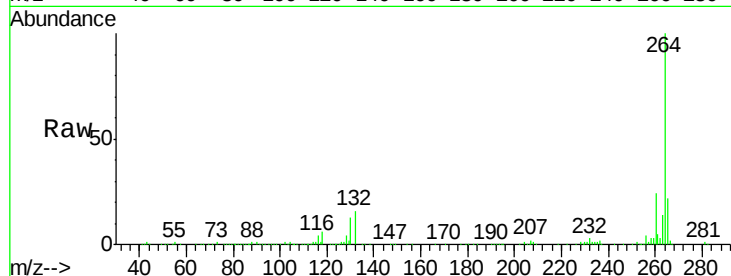


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

Tgt Ion: 264 Resp: 264796

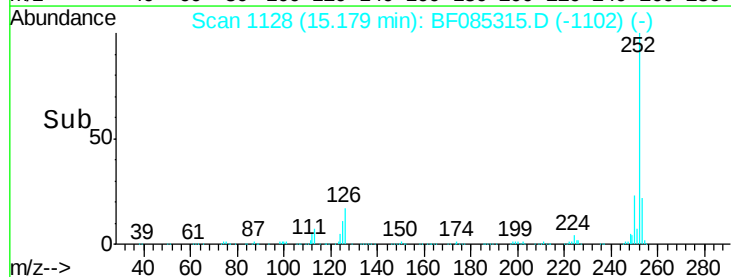
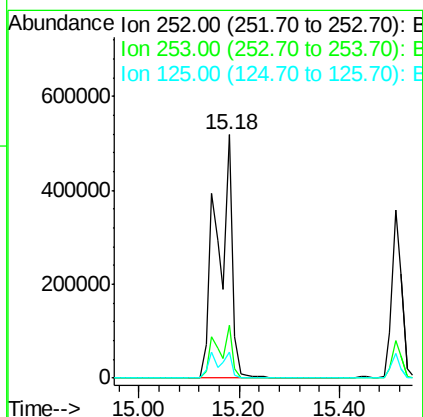
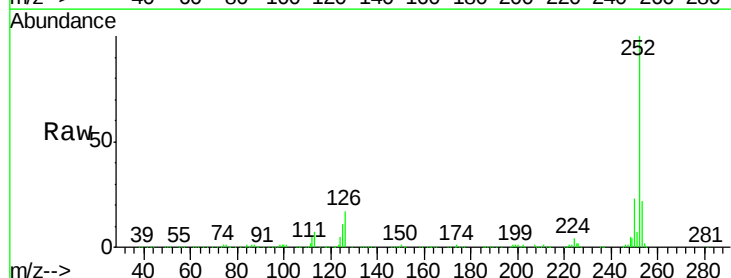
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.3	25.9

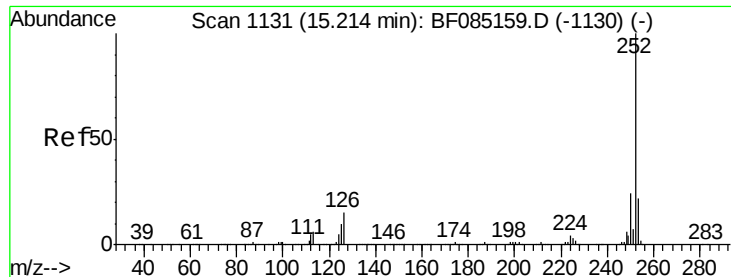


#87
Benzo(b)fluoranthene
Concen: 61.82 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion: 252 Resp: 1091090

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.9	11.3	16.9

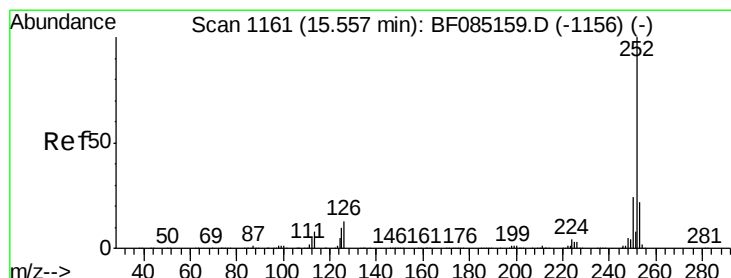
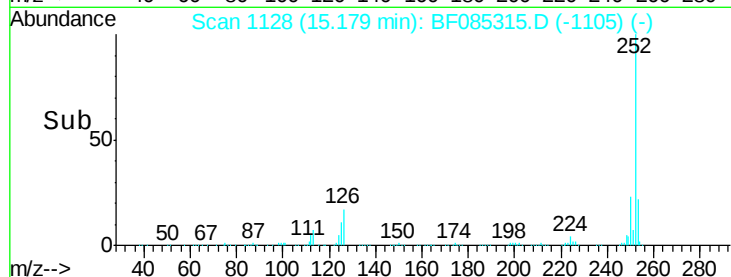
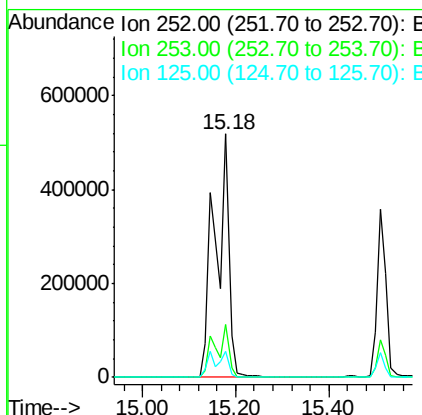
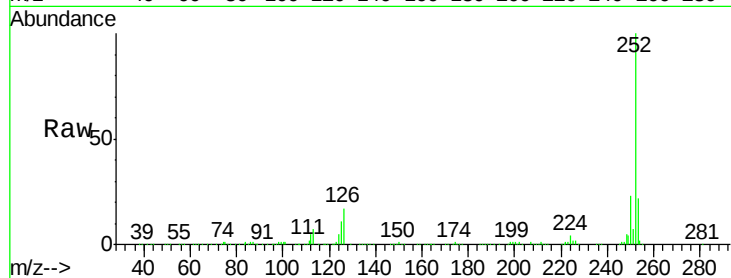




#88
Benzo(k)fluoranthene
Concen: 76.68 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

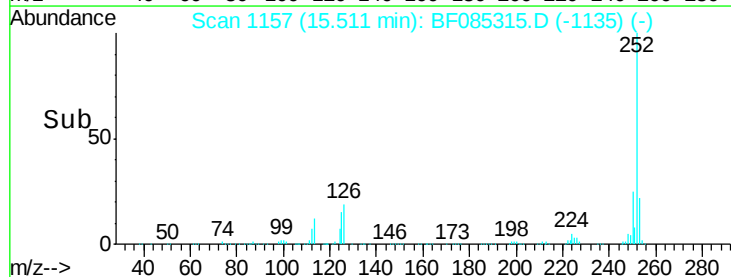
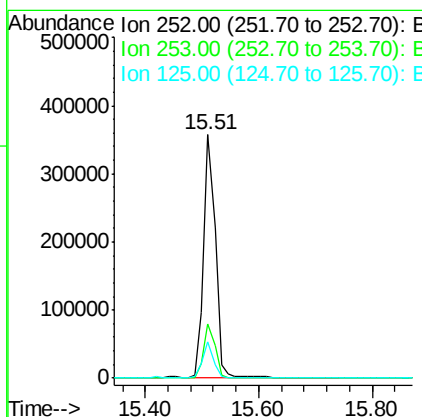
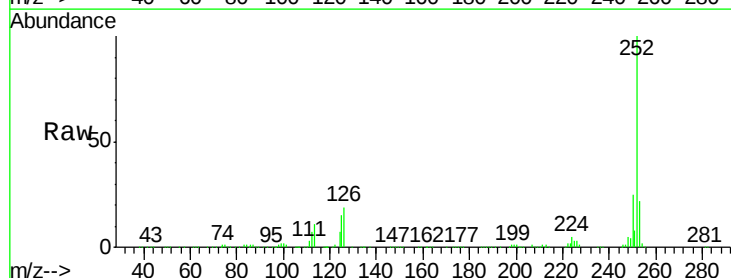
Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMS

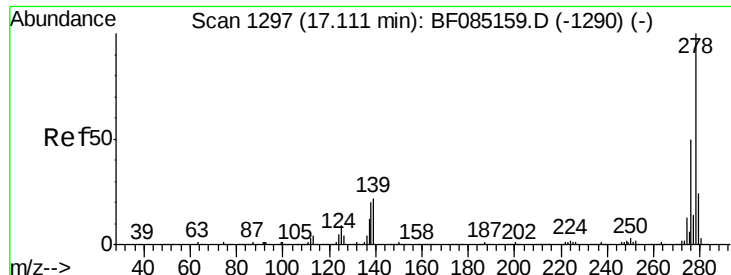
Tgt Ion:252 Resp: 1091690
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.9 10.4 15.6



#89
Benzo(a)pyrene
Concen: 33.63 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085315.D
Acq: 9 Mar 2016 23:01

Tgt Ion:252 Resp: 491897
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 15.1 8.2 12.4#





#90

Dibenzo(a,h)anthracene

Concen: 37.38 ng

RT: 17.05 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMS

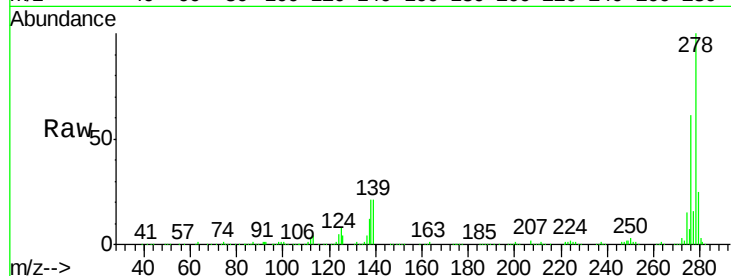
Tgt Ion:278 Resp: 466696

Ion Ratio Lower Upper

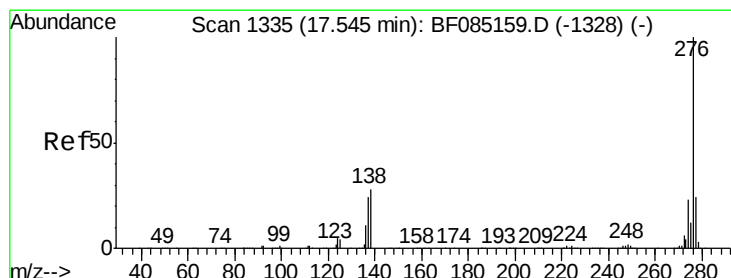
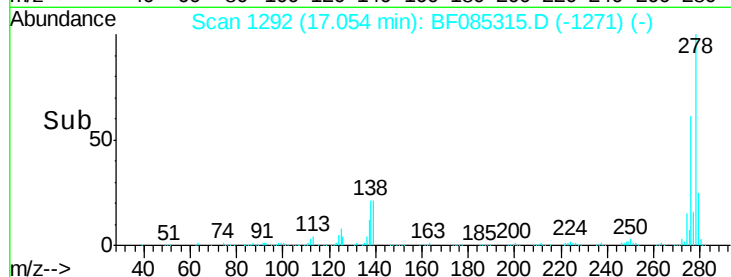
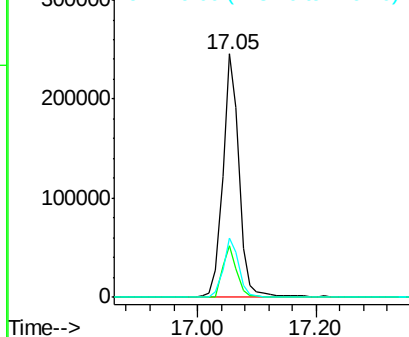
278 100

139 21.0 17.3 25.9

279 24.5 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.46 ng

RT: 17.49 min Scan# 1330

Delta R.T. -0.06 min

Lab File: BF085315.D

Acq: 9 Mar 2016 23:01

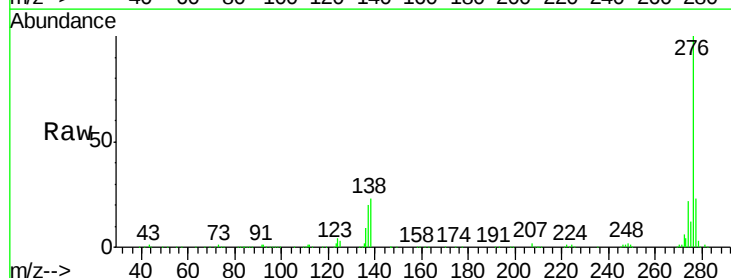
Tgt Ion:276 Resp: 470256

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 23.4 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

