

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085316.D
 Acq On : 9 Mar 2016 23:29
 Operator : UM/SJ
 Sample : H1724-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 11:17:20 AM

Quant Time: Mar 10 01:22:01 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	180952	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	697776	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	333898	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	642694	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	400482	20.00	ng	-0.03
86) Perylene-d12	15.58	264	270009	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1549468	143.63	ng	-0.01
7) Phenol-d6	6.58	99	1852850	131.10	ng	-0.02
23) Nitrobenzene-d5	7.51	82	1325632	101.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.79	330	551437	193.01	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1934694	88.12	ng	-0.03
78) Terphenyl-d14	13.06	244	1740230	100.87	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	222154	40.27	ng 99
3) Pyridine	3.45	79	635107	46.00	ng 98
4) n-Nitrosodimethylamine	3.41	42	288749	48.86	ng 97
6) Aniline	6.62	93	646626	32.64	ng 94
8) 2-Chlorophenol	6.73	128	578420	44.54	ng 95
9) Benzaldehyde	6.49	77	175537	23.47	ng 96
10) Phenol	6.60	94	740267m	48.90	ng
11) bis(2-Chloroethyl)ether	6.69	93	604978	48.12	ng 99
12) 1,3-Dichlorobenzene	6.89	146	647889	46.47	ng 99
13) 1,4-Dichlorobenzene	6.96	146	599224	42.88	ng 98
14) 1,2-Dichlorobenzene	7.12	146	602622	47.53	ng 99
15) Benzyl Alcohol	7.09	79	517482	49.88	ng 100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	728532	40.20	ng 98
17) 2-Methylphenol	7.20	107	509728	48.10	ng 97
18) Hexachloroethane	7.46	117	232470	45.09	ng 94
19) n-Nitroso-di-n-propylamine	7.37	70	440690	47.84	ng 99
20) 3+4-Methylphenols	7.36	107	635696	50.64	ng # 80
22) Acetophenone	7.36	105	747521	43.89	ng 96
24) Nitrobenzene	7.53	77	625796	47.24	ng 100
25) Isophorone	7.77	82	1198268	49.59	ng 98
26) 2-Nitrophenol	7.85	139	361089	56.02	ng 95
27) 2,4-Dimethylphenol	7.89	122	605786	51.42	ng 95
28) bis(2-Chloroethoxy)methane	7.98	93	697205	51.81	ng 98
29) 2,4-Dichlorophenol	8.09	162	540251	56.86	ng 95
30) 1,2,4-Trichlorobenzene	8.17	180	499010	48.58	ng 100
31) Naphthalene	8.25	128	1613816	47.04	ng 99
32) Benzoic acid	7.94	122	36959	4.72	ng 97
33) 4-Chloroaniline	8.30	127	274232	19.76	ng 96
34) Hexachlorobutadiene	8.38	225	264373	49.46	ng 99
35) Caprolactam	8.69	113	191168m	61.61	ng
36) 4-Chloro-3-methylphenol	8.79	107	601011	55.76	ng 96
37) 2-Methylnaphthalene	8.95	142	1197683	54.40	ng 99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	438013	45.87	ng 98
40) Hexachlorocyclopentadiene	9.10	237	475639	92.35	ng 99

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Quant Time: Mar 10 01:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	367701	51.73	ng	96
43) 2,4,5-Trichlorophenol	9.27	196	361276	53.60	ng	97
45) 1,1'-Biphenyl	9.42	154	1326341	46.50	ng	94
46) 2-Chloronaphthalene	9.44	162	1081466	49.73	ng	97
47) 2-Nitroaniline	9.53	65	361118	53.59	ng	# 86
48) Acenaphthylene	9.85	152	1542787	45.59	ng	99
49) Dimethylphthalate	9.72	163	1685874	65.78	ng	99
50) 2,6-Dinitrotoluene	9.78	165	292090	53.28	ng	# 61
51) Acenaphthene	10.02	154	950652	46.26	ng	99
52) 3-Nitroaniline	9.94	138	233973	35.67	ng	88
53) 2,4-Dinitrophenol	10.05	184	108107	42.98	ng	# 54
54) Dibenzofuran	10.20	168	1336423	49.64	ng	98
55) 4-Nitrophenol	10.12	139	557070	108.07	ng	95
56) 2,4-Dinitrotoluene	10.18	165	421840	60.12	ng	91
57) Fluorene	10.54	166	1014724	47.98	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	285030	60.20	ng	93
59) Diethylphthalate	10.41	149	1239559	49.84	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	516948	50.24	ng	92
61) 4-Nitroaniline	10.56	138	339687	55.37	ng	99
62) Azobenzene	10.69	77	1318115	53.80	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	175371	45.57	ng	82
65) n-Nitrosodiphenylamine	10.65	169	926237	46.34	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	314844	50.45	ng	# 85
67) Hexachlorobenzene	11.09	284	320005	48.07	ng	# 80
68) Atrazine	11.18	200	300004	53.96	ng	98
69) Pentachlorophenol	11.28	266	331313	89.66	ng	99
70) Phenanthrene	11.51	178	1786042	53.03	ng	99
71) Anthracene	11.56	178	1553015	43.43	ng	98
72) Carbazole	11.70	167	1540748	49.14	ng	99
73) Di-n-butylphthalate	12.04	149	1679523	42.38	ng	99
74) Fluoranthene	12.69	202	1632436	48.29	ng	96
76) Benzidine	12.81	184	583447	48.95	ng	98
77) Pyrene	12.92	202	1702283	56.47	ng	99
79) Butylbenzylphthalate	13.53	149	654546	47.86	ng	91
80) Benzo(a)anthracene	14.11	228	1162077	48.47	ng	100
81) 3,3'-Dichlorobenzidine	14.07	252	215488	28.49	ng	# 96
82) Chrysene	14.15	228	1117996	50.48	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	856393	47.58	ng	# 98
84) Di-n-octyl phthalate	14.71	149	1360311	49.63	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.04	276	867675	50.20	ng	97
87) Benzo(b)fluoranthene	15.16	252	911644	50.66	ng	# 95
88) Benzo(k)fluoranthene	15.18	252	752569m	51.84	ng	
89) Benzo(a)pyrene	15.52	252	768926	51.56	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	719235	56.50	ng	97
91) Benzo(g,h,i)perylene	17.49	276	738779	57.71	ng	99

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

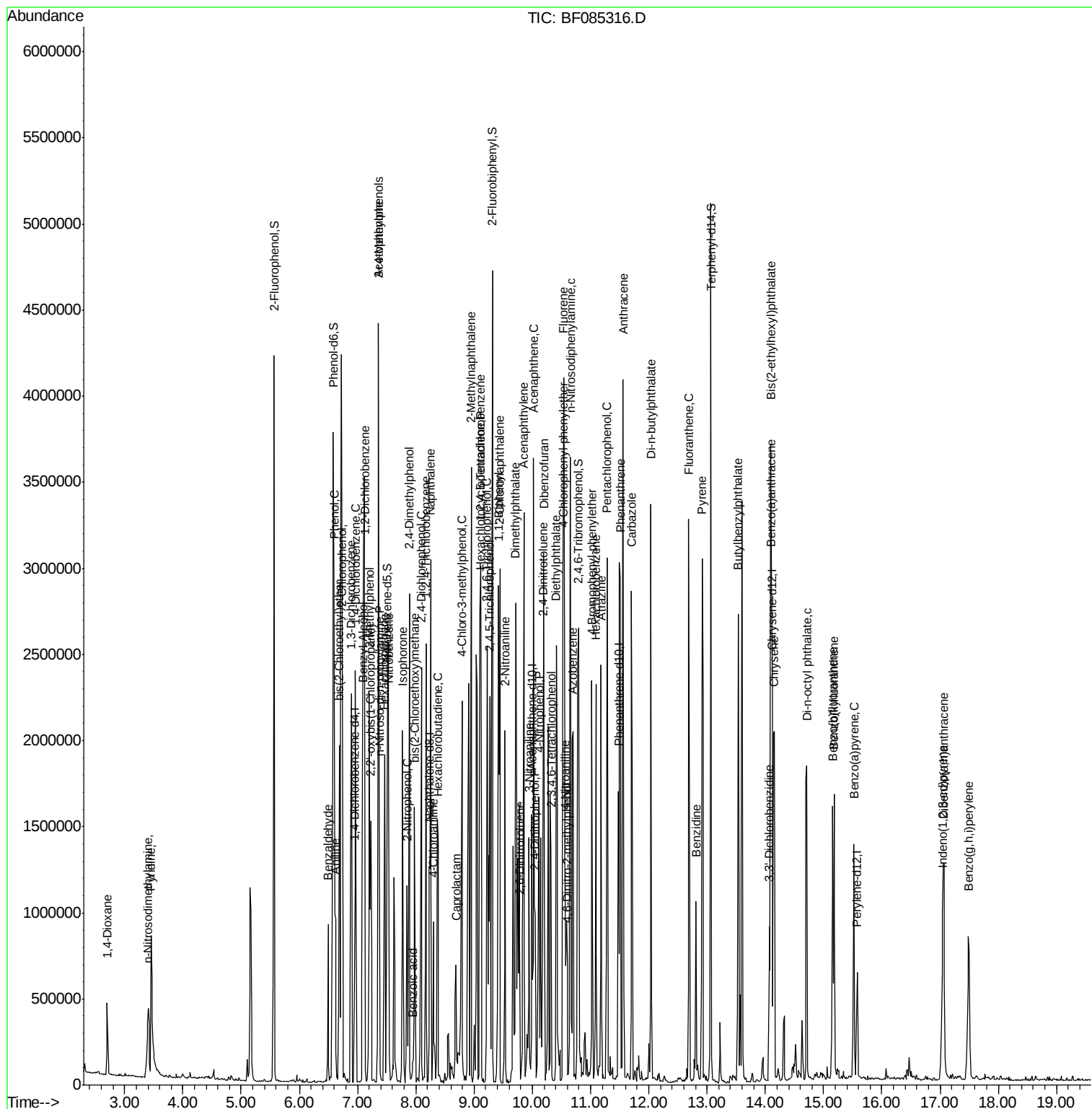
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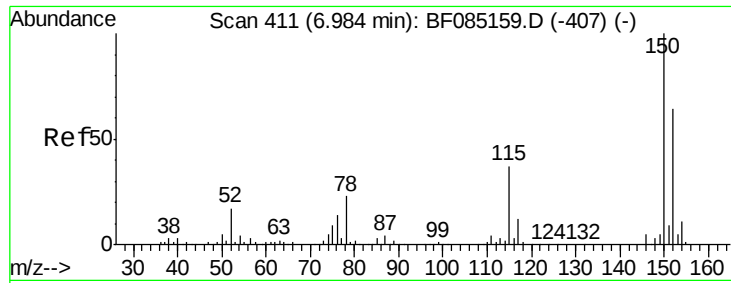
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#1

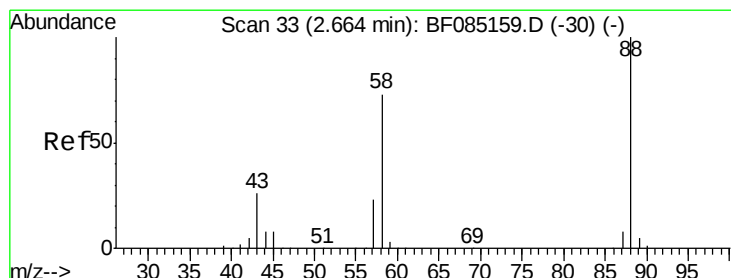
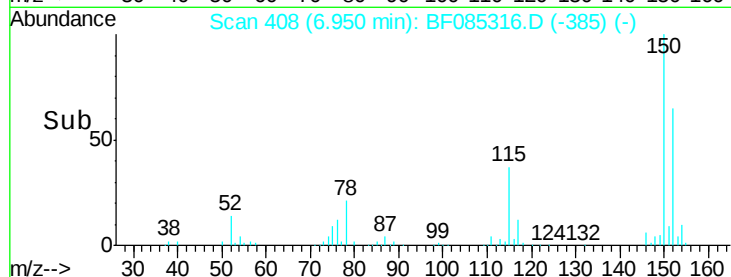
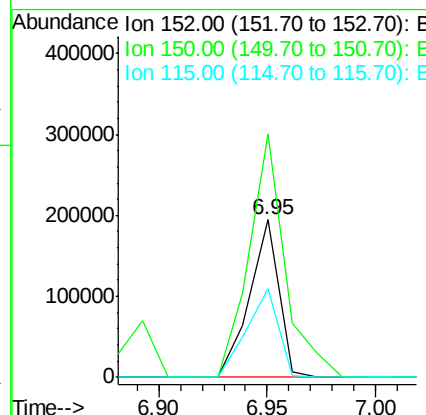
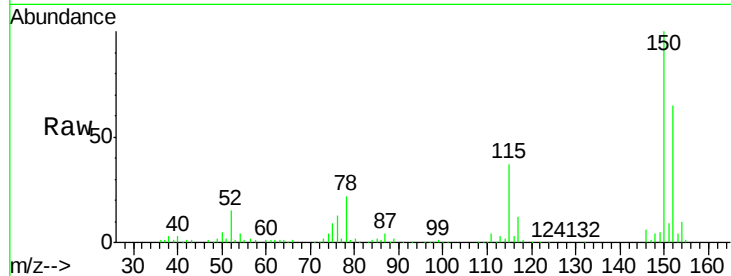
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	180952		
150	154.8	124.6	186.8	
115	56.7	46.6	70.0	

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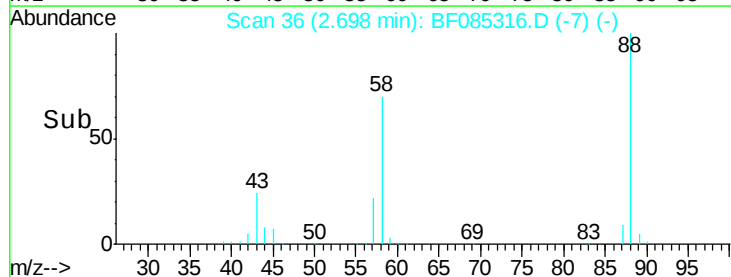
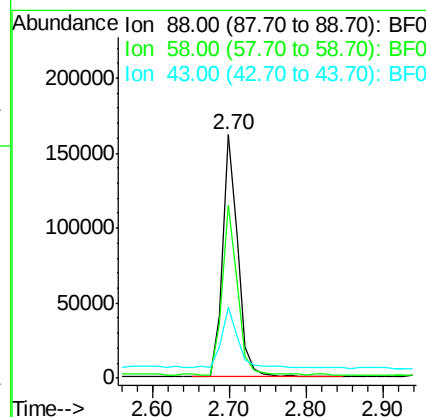
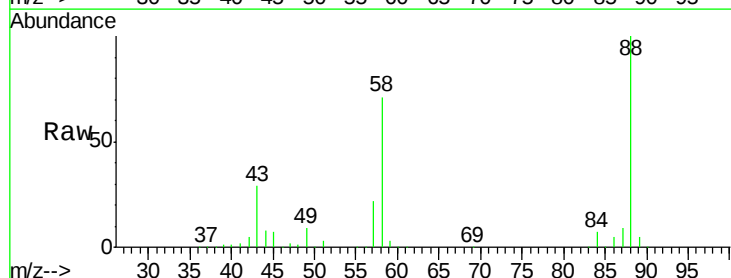
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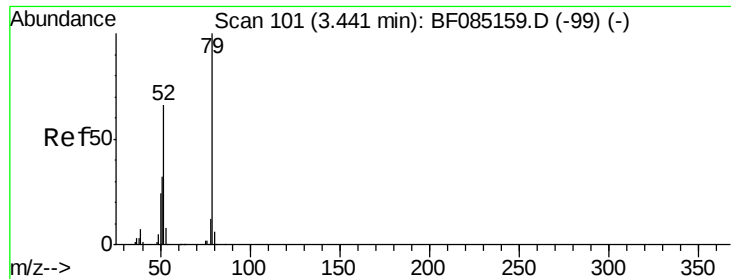


#2

1,4-Dioxane
Concen: 40.27 ng
RT: 2.70 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	222154		
58	70.2	57.0	85.6	
43	25.6	20.5	30.7	





#3

Pyridine

Concen: 46.00 ng

RT: 3.45 min Scan# 102

Delta R.T. 0.01 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

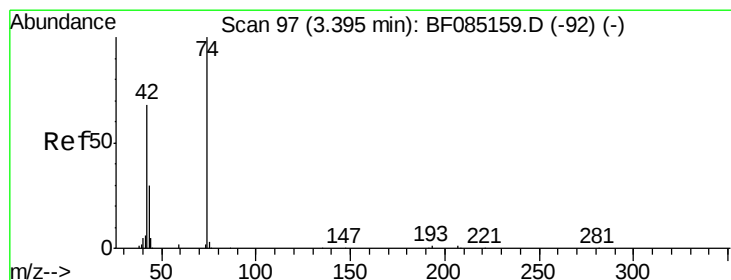
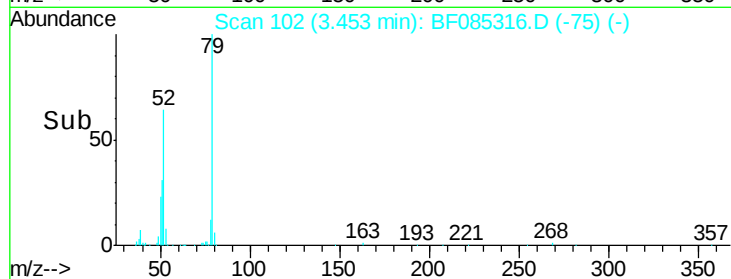
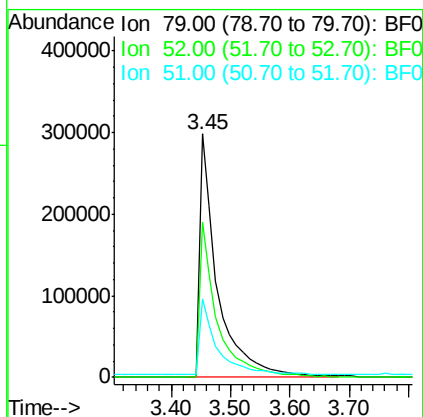
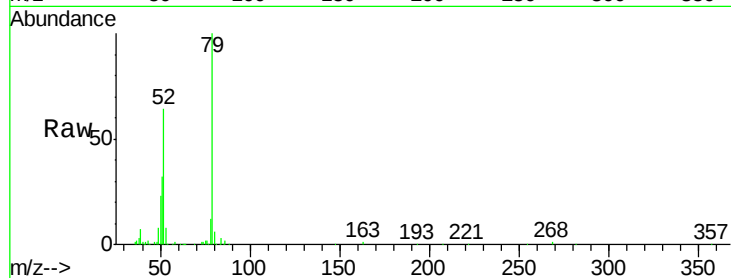
ClientSampleId :

UST-SW-SEMSD

Tgt Ion:	79	Resp:	635107
Ion Ratio	Lower	Upper	
79	100		
52	63.9	52.6	79.0
51	32.3	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 48.86 ng

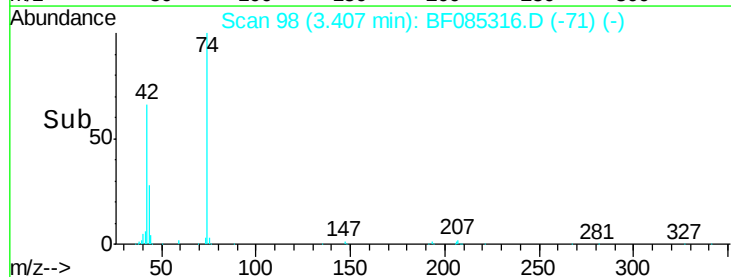
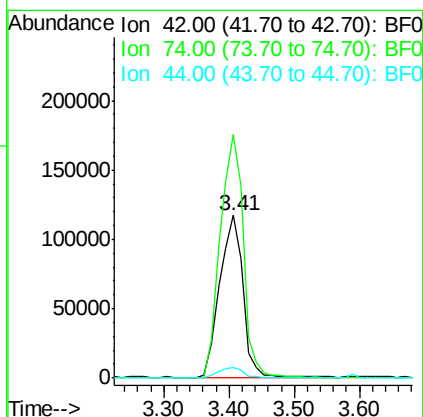
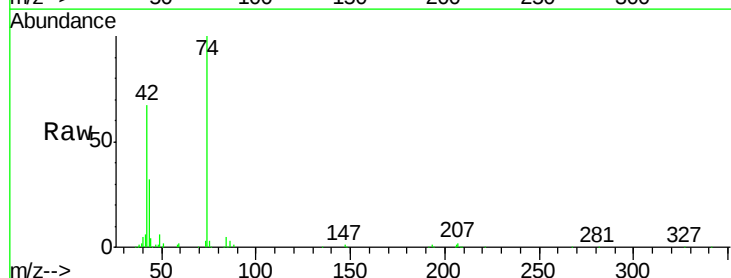
RT: 3.41 min Scan# 98

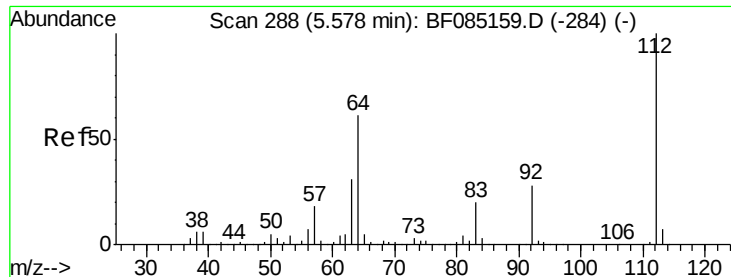
Delta R.T. 0.01 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:	42	Resp:	288749
Ion Ratio	Lower	Upper	
42	100		
74	149.8	116.8	175.2
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 143.63 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMSD

Tgt Ion: 112 Resp: 1549468

Ion Ratio Lower Upper

112 100

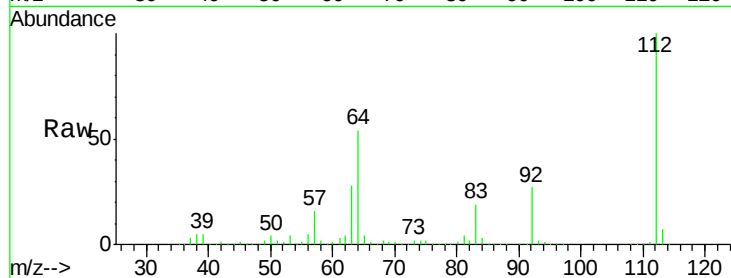
64 54.1 49.0 73.4

63 27.7 24.8 37.2

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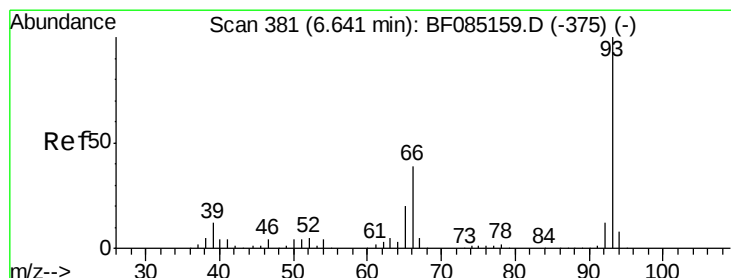
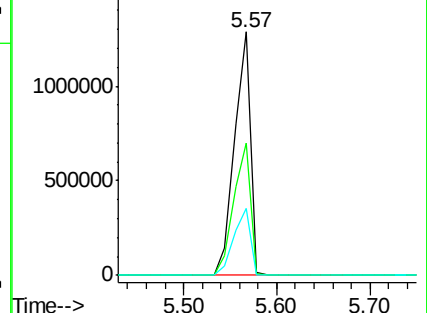
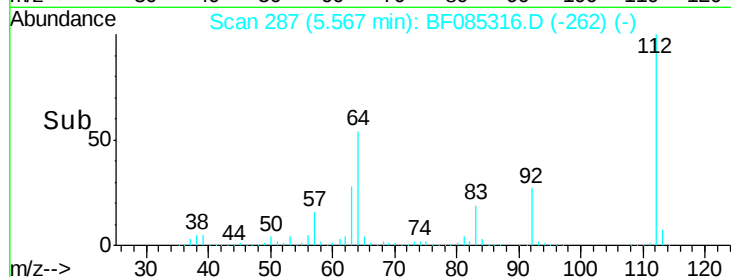
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.64 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

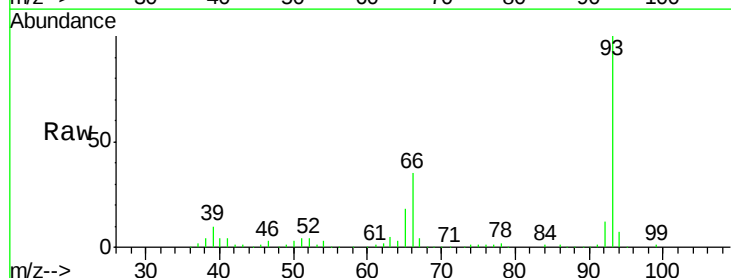
Tgt Ion: 93 Resp: 646626

Ion Ratio Lower Upper

93 100

66 35.4 31.6 47.4

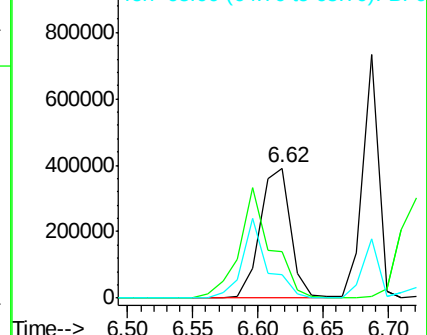
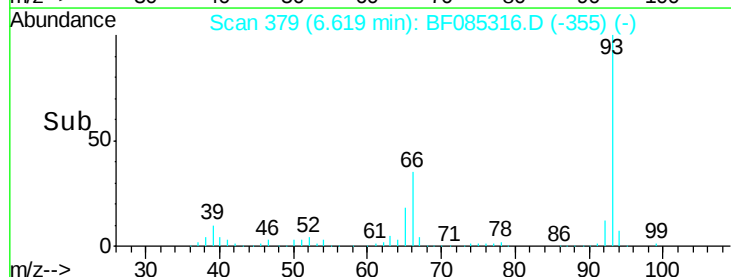
65 17.6 15.8 23.8

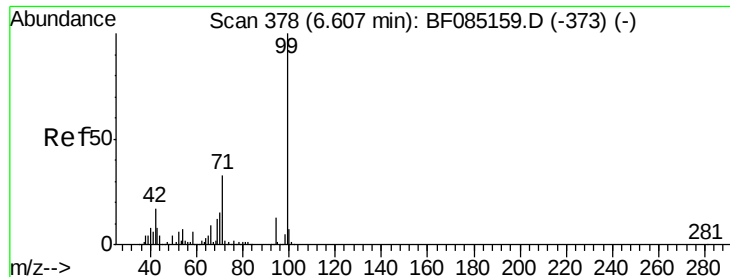


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.10 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085316.D

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ClientSampleId :

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Tgt Ion: 99 Resp: 1852850

Ion Ratio Lower Upper

99 100

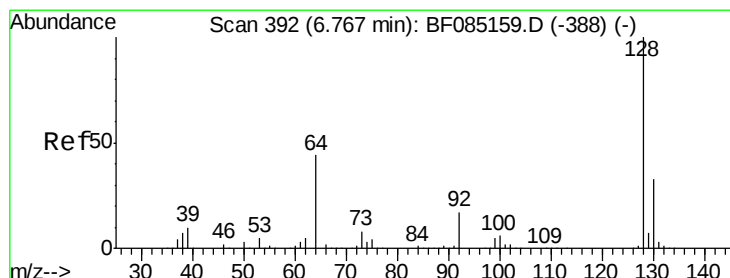
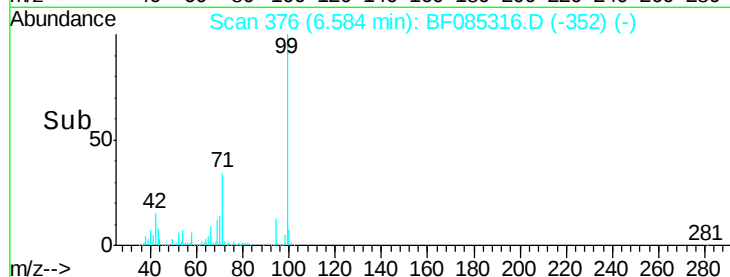
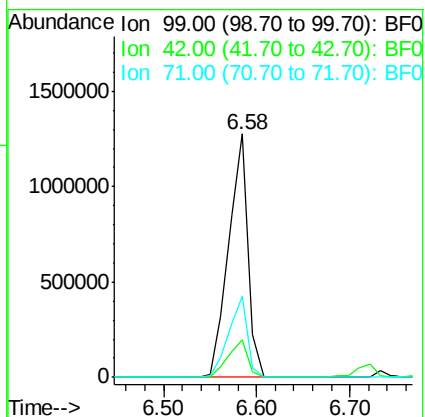
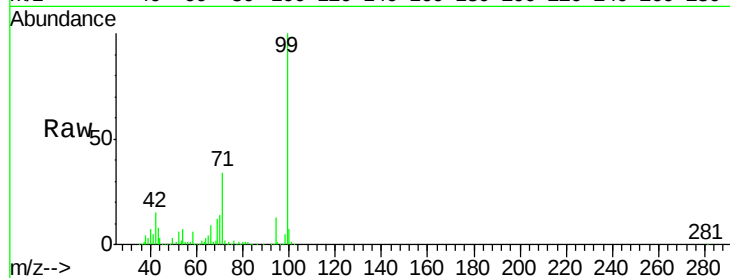
42 15.4 13.6 20.4

71 33.5 26.7 40.1

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#8

2-Chlorophenol

Concen: 44.54 ng

RT: 6.73 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

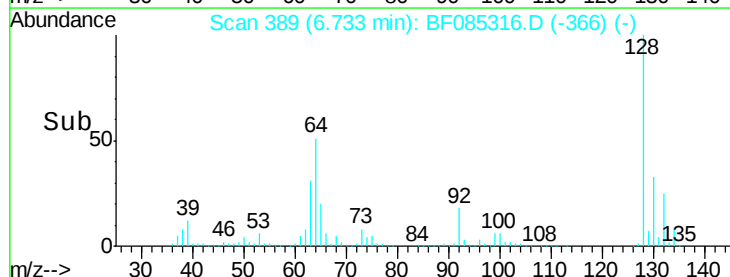
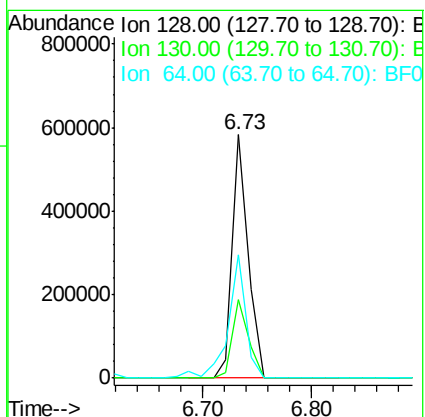
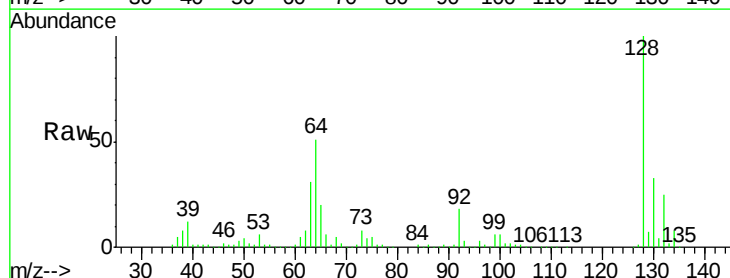
Tgt Ion: 128 Resp: 578420

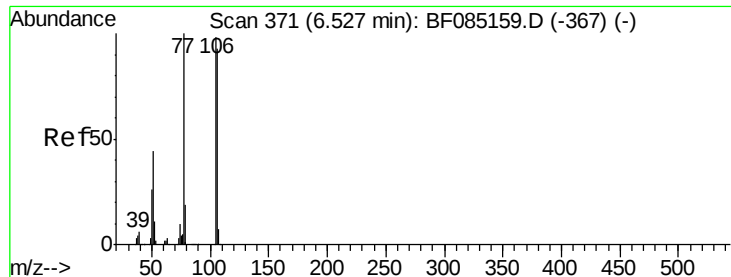
Ion Ratio Lower Upper

128 100

130 32.5 13.3 53.3

64 50.8 25.7 65.7





#9

Benzaldehyde

Concen: 23.47 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF085316.D

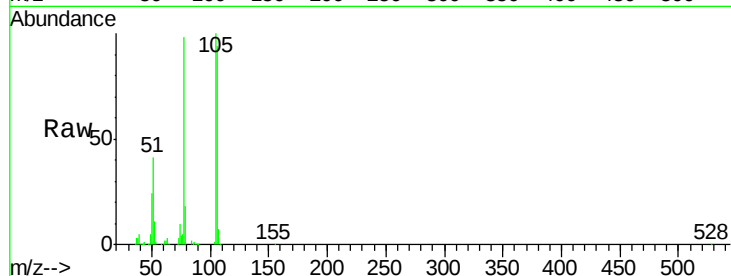
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BNA_F

ClientSampleId :

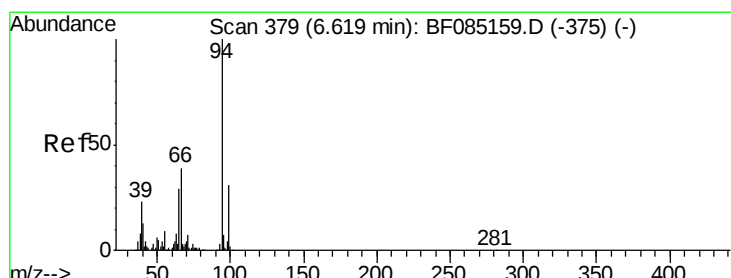
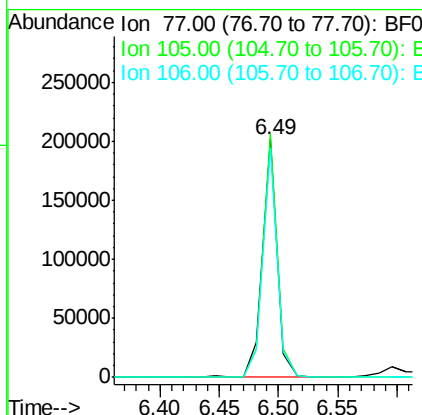
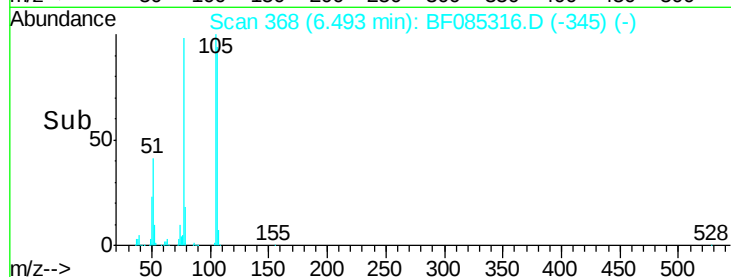
UST-SW-SEMSD



Tgt Ion:	77	Resp:	175537
Ion Ratio	Lower	Upper	
77	100		
105	102.2	78.2	118.2
106	96.5	72.9	112.9

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#10

Phenol

Concen: 48.90 ng m

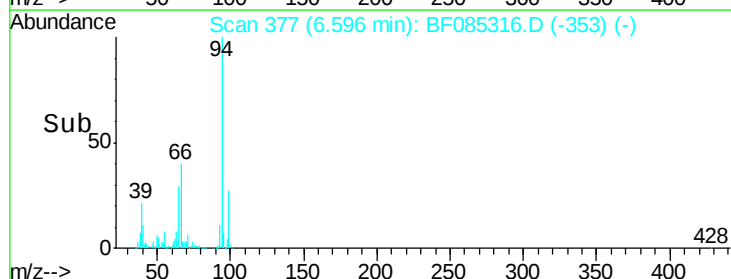
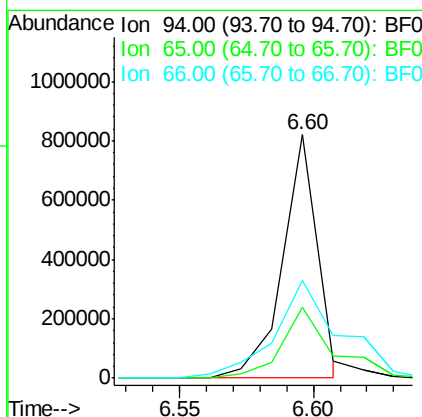
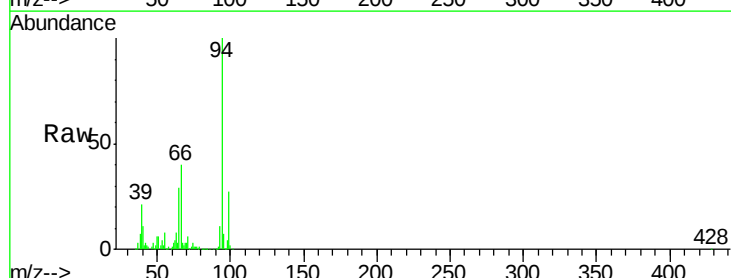
RT: 6.60 min Scan# 377

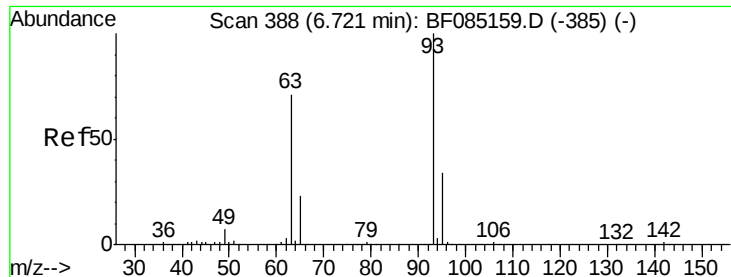
Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:	94	Resp:	740267
Ion Ratio	Lower	Upper	
94	100		
65	29.1	9.1	49.1
66	40.4	19.3	59.3





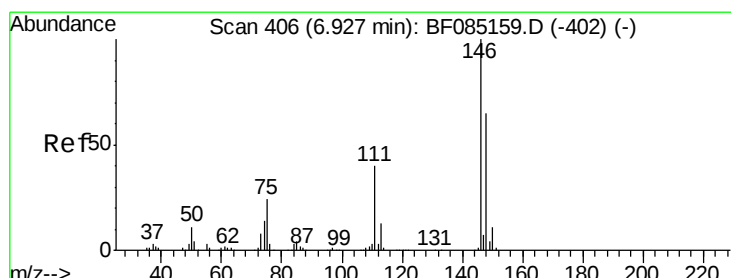
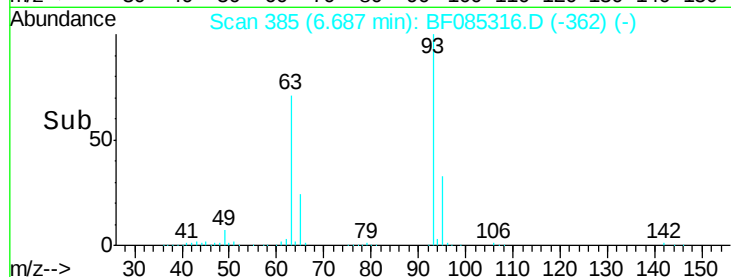
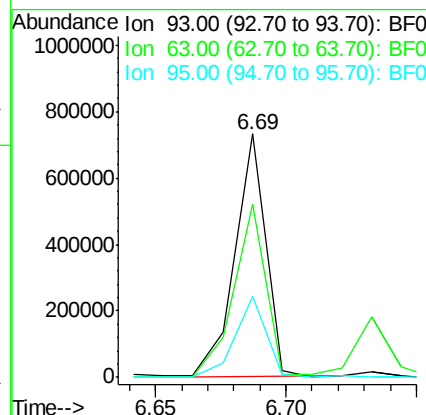
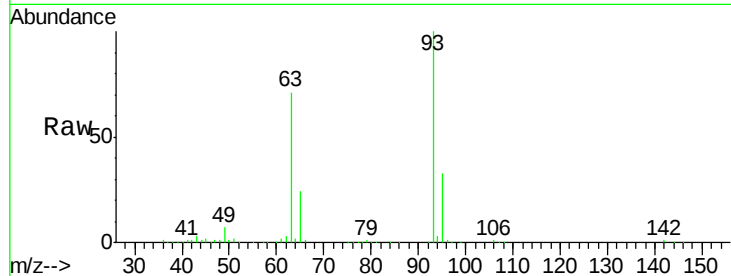
#11
 bis(2-Chloroethyl)ether
 Concen: 48.12 ng
 RT: 6.69 min Scan# 385
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

Tgt Ion:	93	Resp:	604978
Ion Ratio	Lower	Upper	
93	100		
63	71.4	50.9	90.9
95	33.3	13.7	53.7

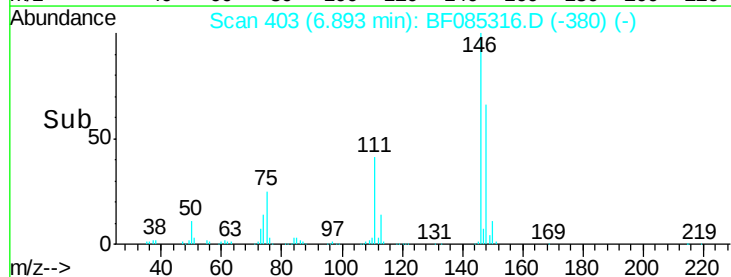
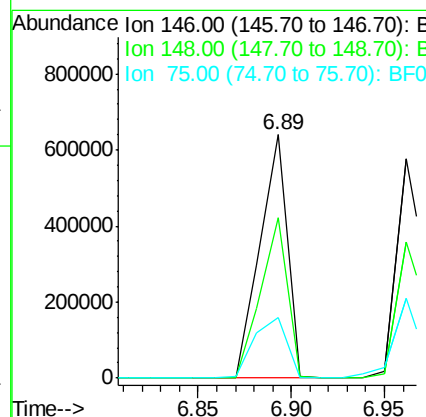
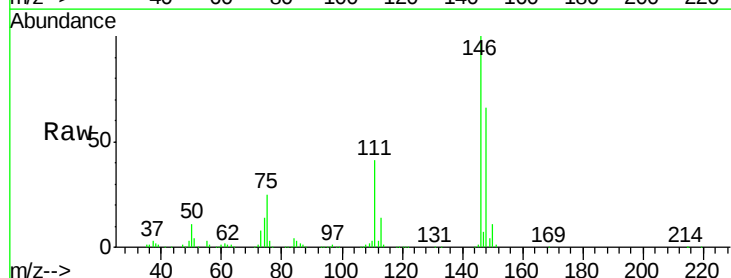
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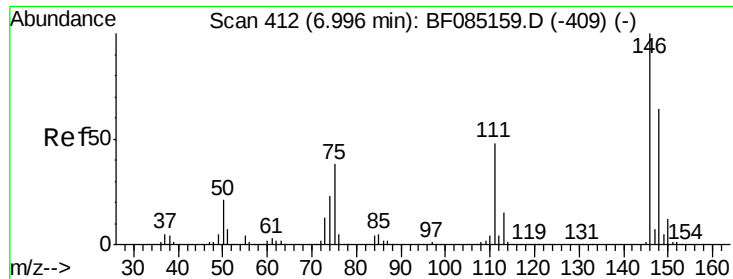
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#12
 1,3-Dichlorobenzene
 Concen: 46.47 ng
 RT: 6.89 min Scan# 403
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion:	146	Resp:	647889
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.1	78.1
75	24.8	19.5	29.3





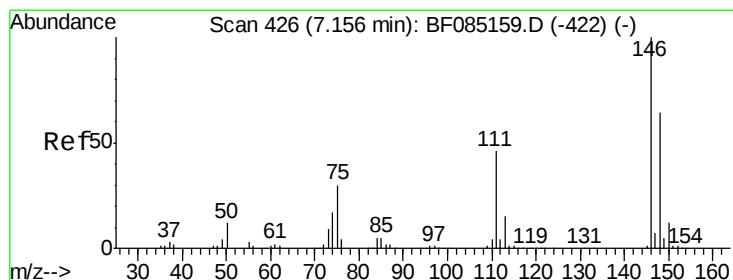
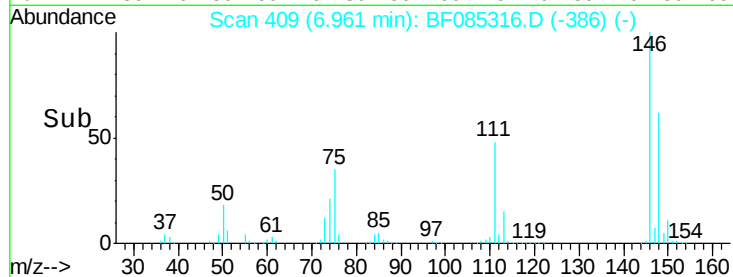
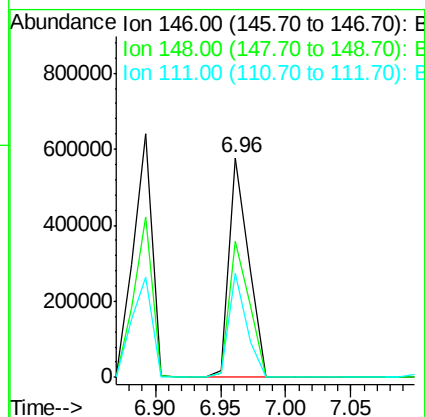
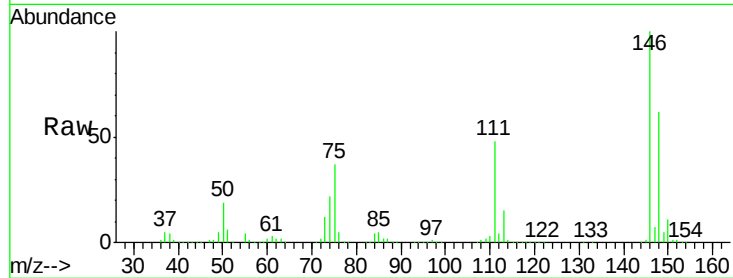
#13
 1,4-Dichlorobenzene
 Concen: 42.88 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.3	76.9
111	47.6	38.4	57.6

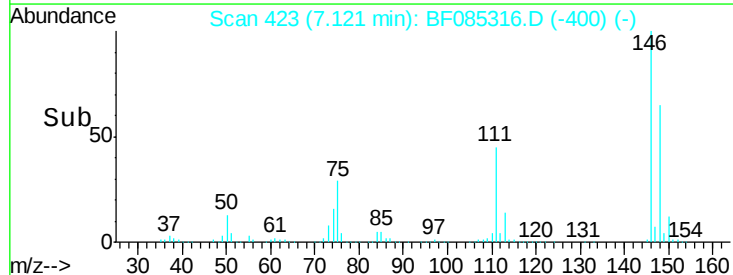
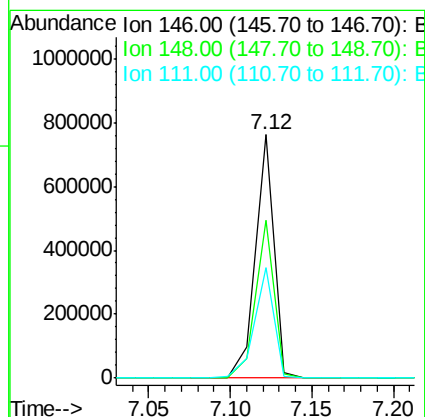
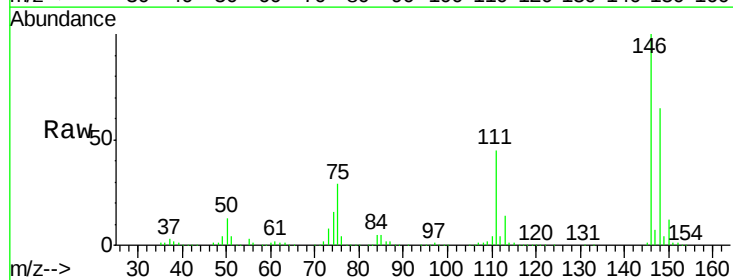
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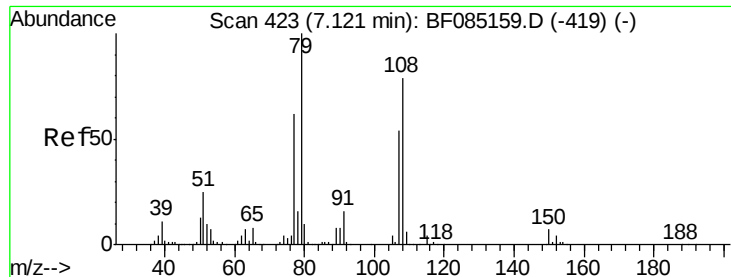
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#14
 1,2-Dichlorobenzene
 Concen: 47.53 ng
 RT: 7.12 min Scan# 423
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	45.2	36.7	55.1





#15

Benzyl Alcohol

Concen: 49.88 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

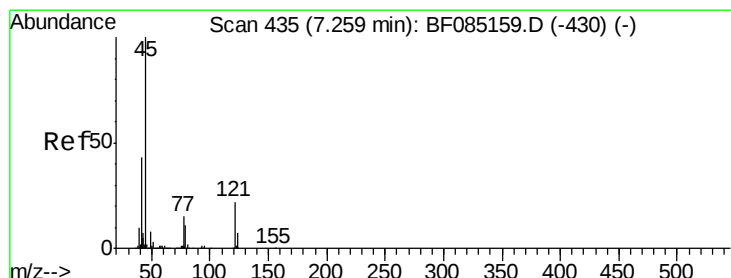
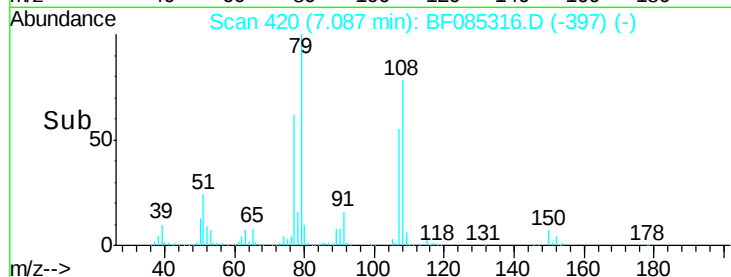
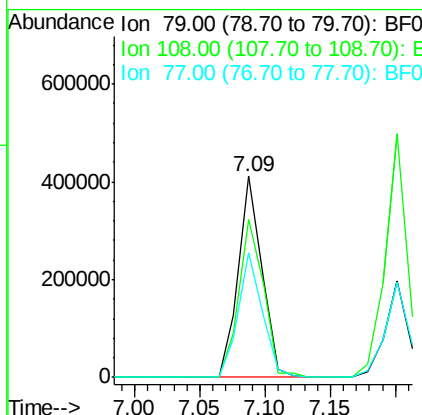
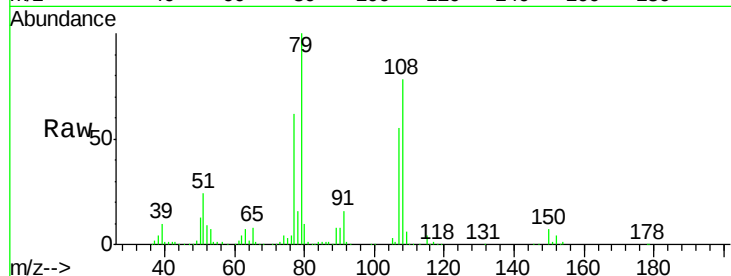
ClientSampleId :

UST-SW-SEMSD

Tgt Ion:	79	Resp:	517482
Ion Ratio	Lower	Upper	
79	100		
108	78.4	62.9	94.3
77	62.2	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.20 ng

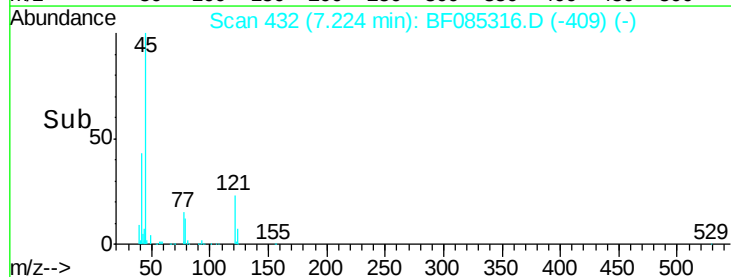
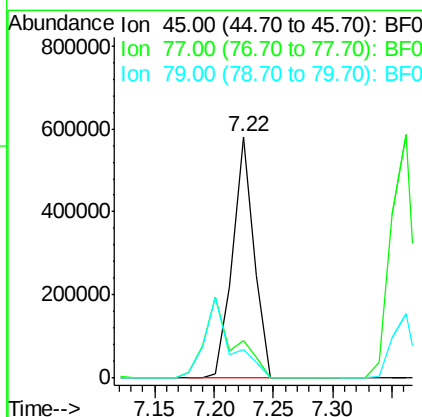
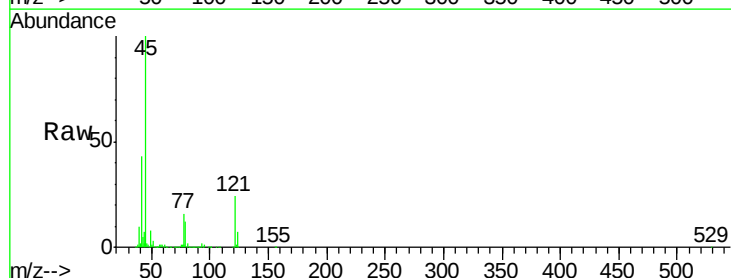
RT: 7.22 min Scan# 432

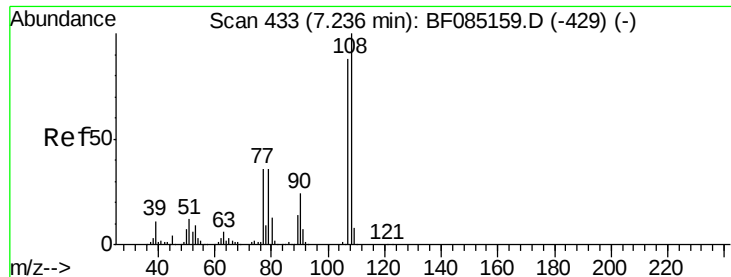
Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:	45	Resp:	728532
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.1
79	12.0	0.0	31.3





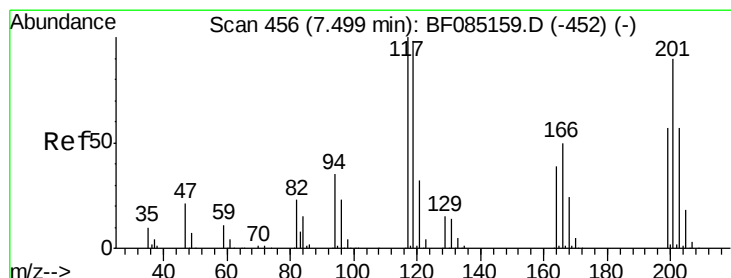
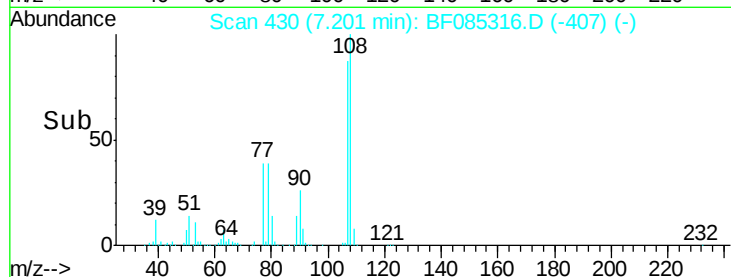
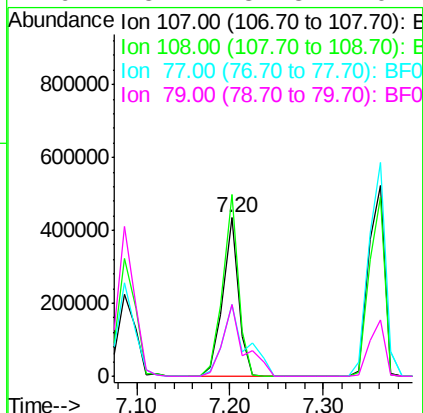
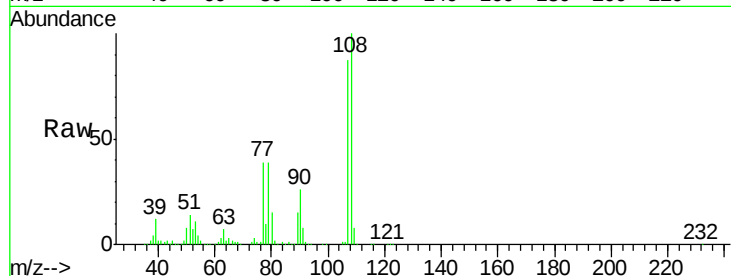
#17
2-Methylphenol
Concen: 48.10 ng
RT: 7.20 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion:	107	Resp:	509728
Ion Ratio	Lower	Upper	
107	100		
108	114.4	90.9	136.3
77	44.9	32.6	48.8
79	45.1	32.8	49.2

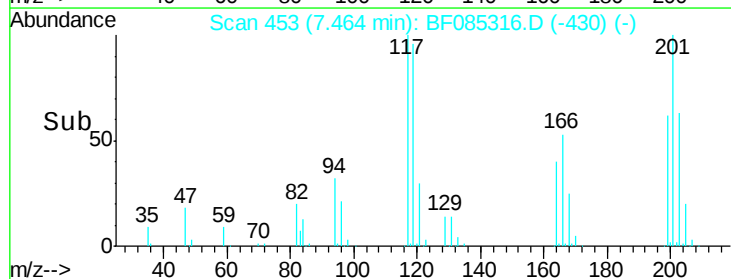
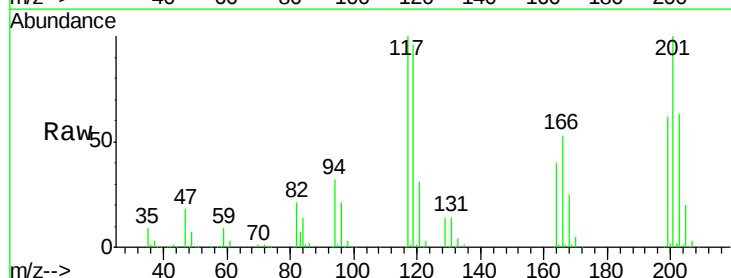
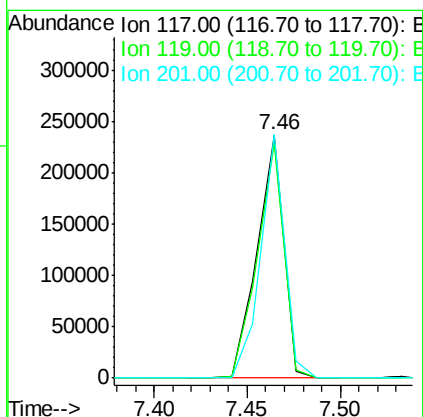
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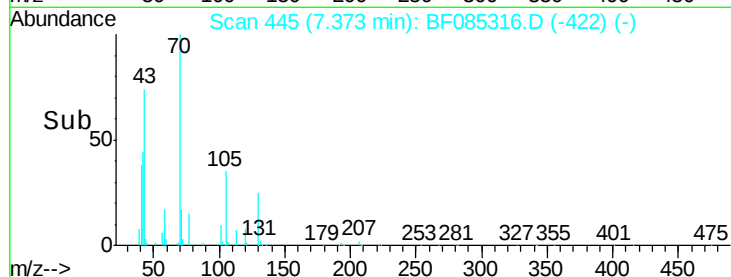
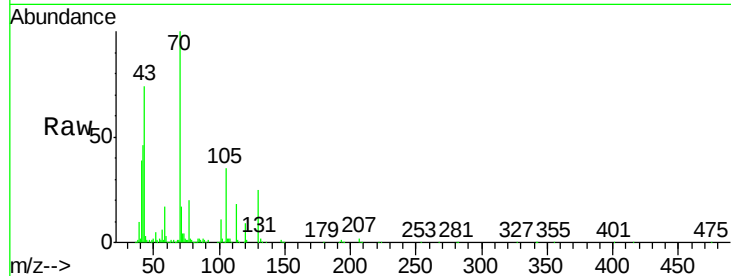
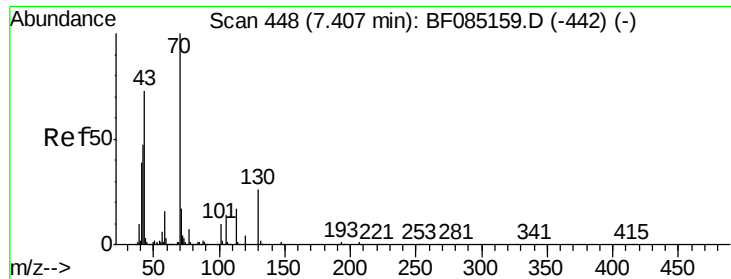
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#18
Hexachloroethane
Concen: 45.09 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion:	117	Resp:	232470
Ion Ratio	Lower	Upper	
117	100		
119	96.9	78.2	117.4
201	100.5	72.0	108.0





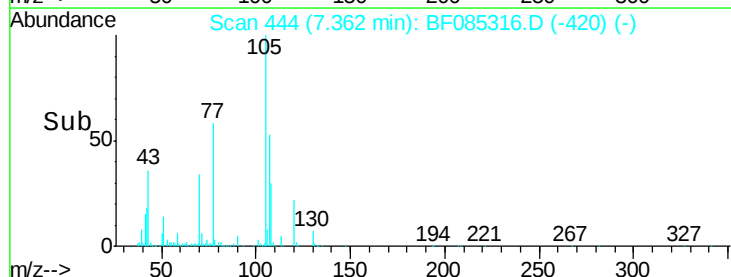
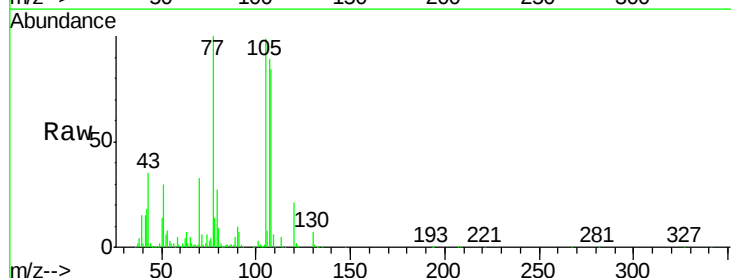
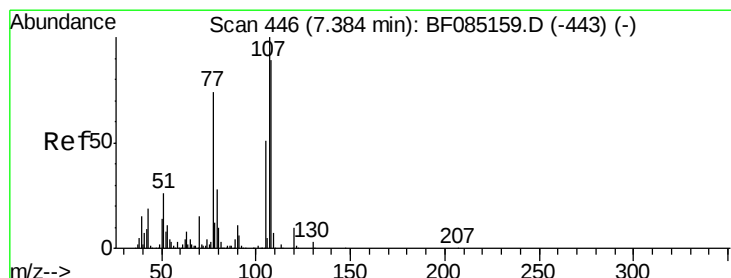
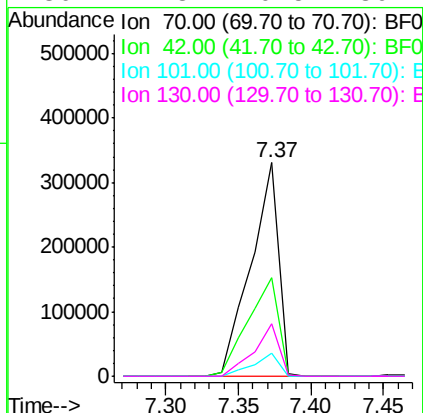
#19
n-Nitroso-di-n-propylamine
Concen: 47.84 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

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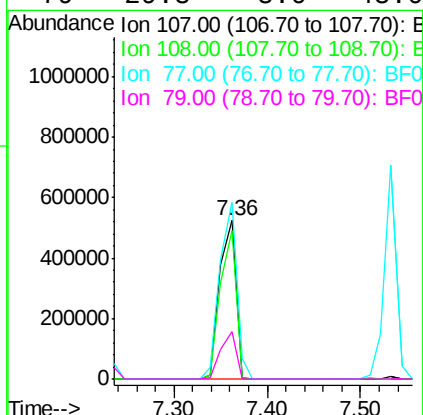
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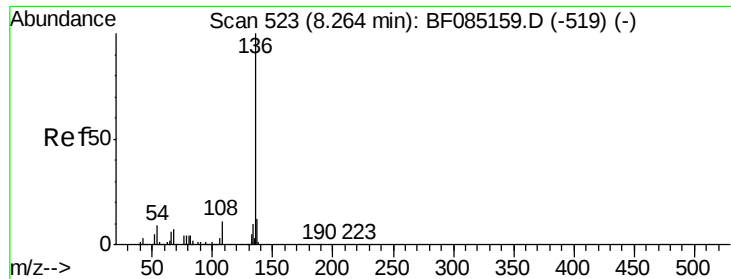
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.7	56.5
101	10.7	8.2	12.4
130	24.8	20.5	30.7



#20
3+4-Methylphenols
Concen: 50.64 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.8	108.8
77	111.8	53.6	93.6#
79	29.8	8.0	48.0





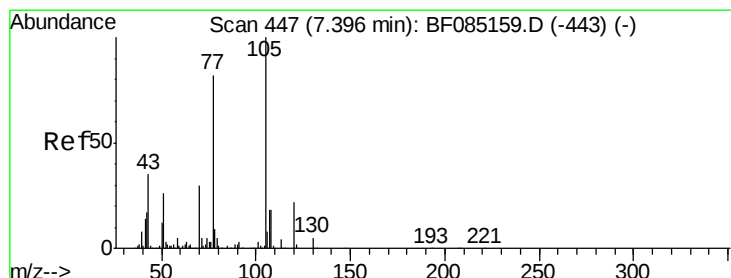
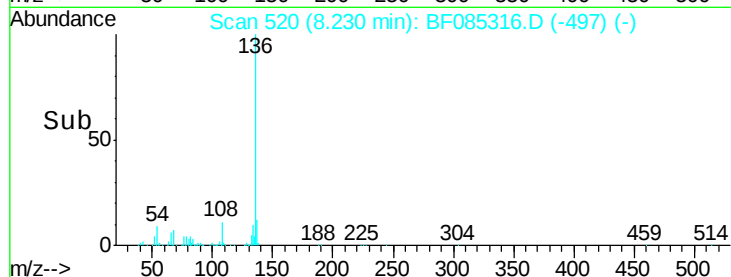
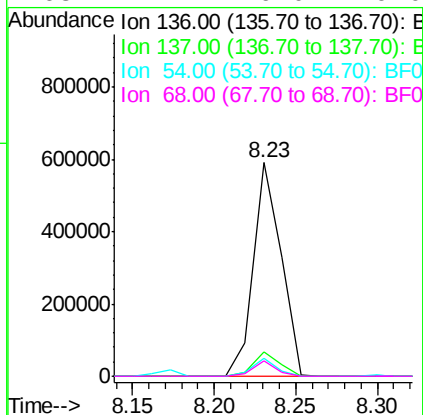
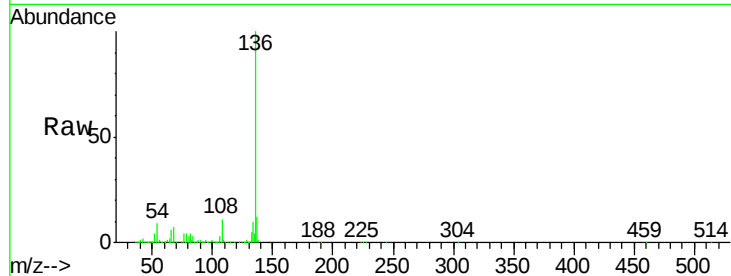
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	697776		
137	11.5	9.3	13.9	
54	8.5	7.4	11.2	
68	7.1	6.0	9.0	

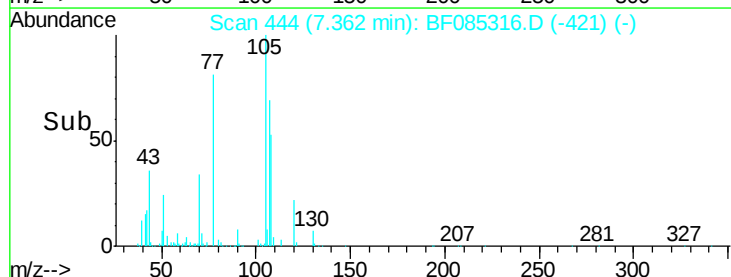
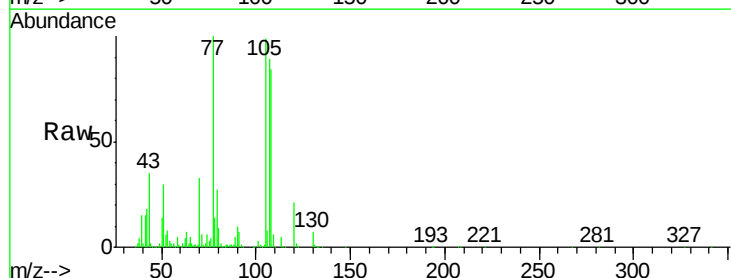
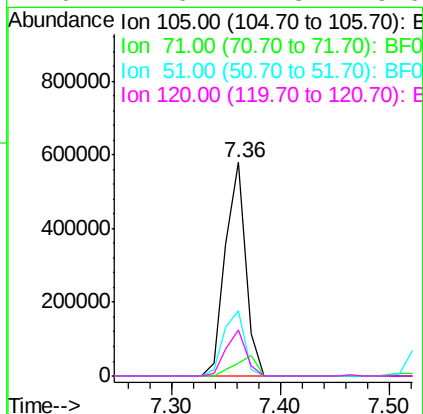
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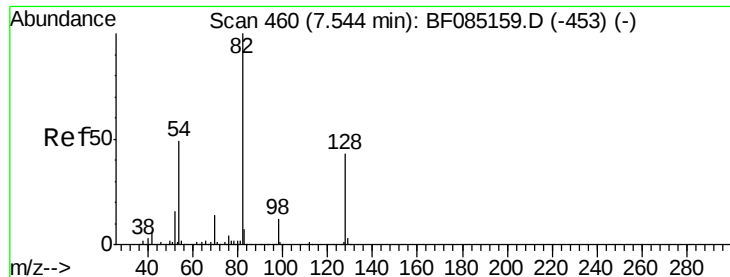
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#22
Acetophenone
Concen: 43.89 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	747521		
71	5.7	4.1	6.1	
51	30.4	21.1	31.7	
120	21.6	17.3	25.9	





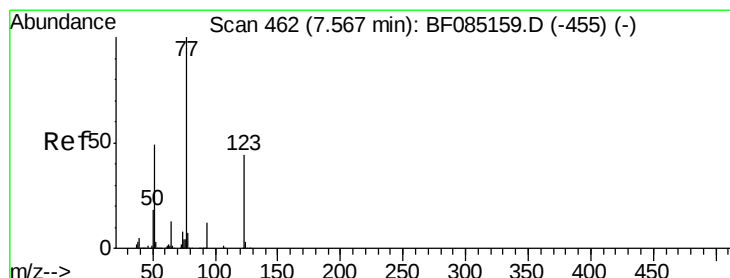
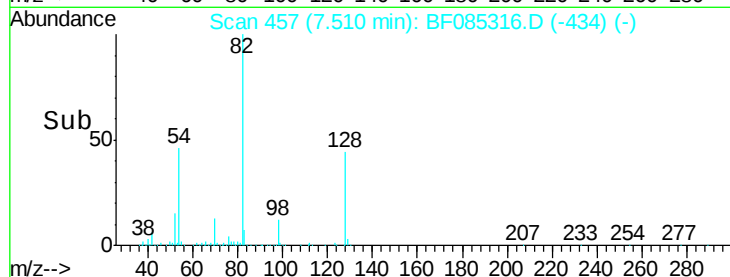
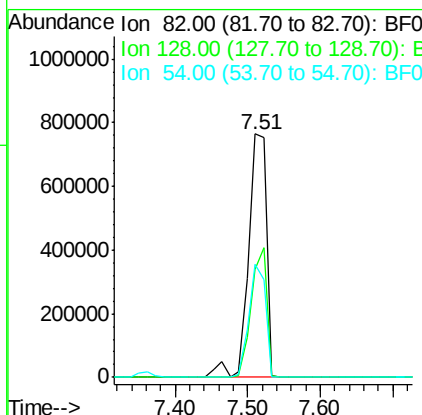
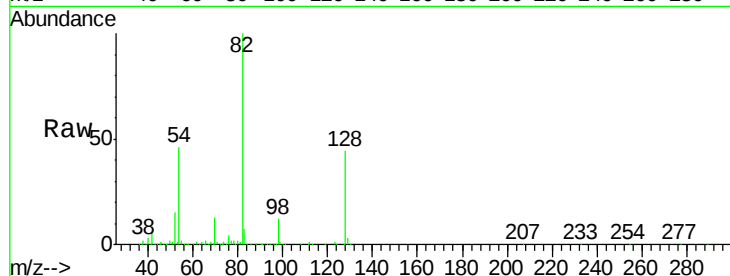
#23
 Nitrobenzene-d5
 Concen: 101.66 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

Tgt Ion: 82 Resp: 1325632
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.5 51.7
 54 46.3 39.3 58.9

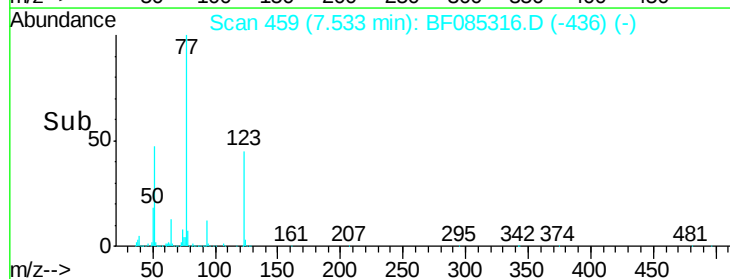
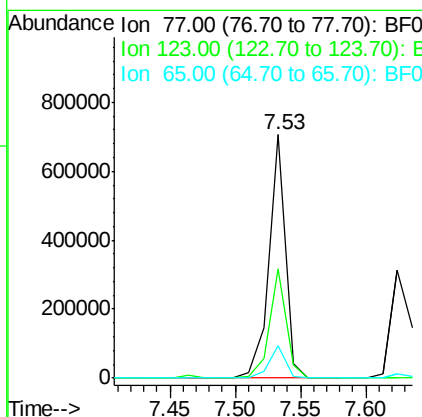
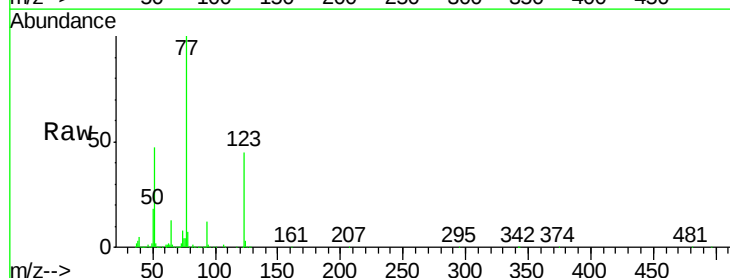
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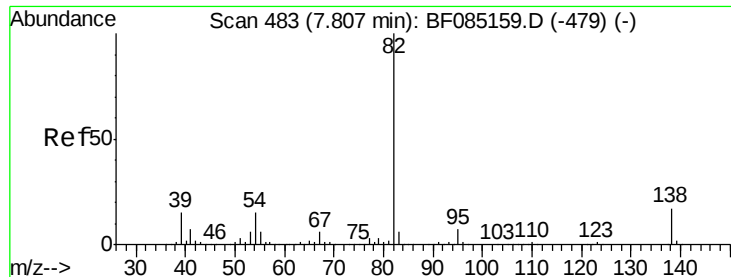
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#24
 Nitrobenzene
 Concen: 47.24 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion: 77 Resp: 625796
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.4 53.2
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 49.59 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMSD

Tgt Ion: 82 Resp: 1198268

Ion Ratio Lower Upper

82 100

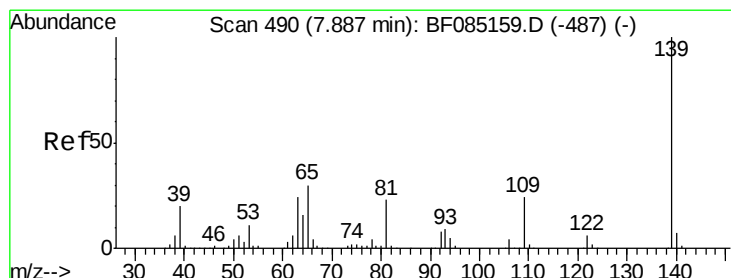
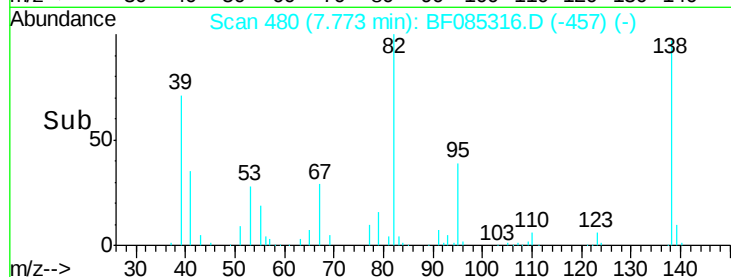
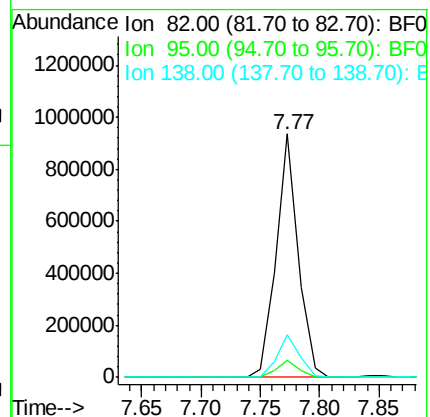
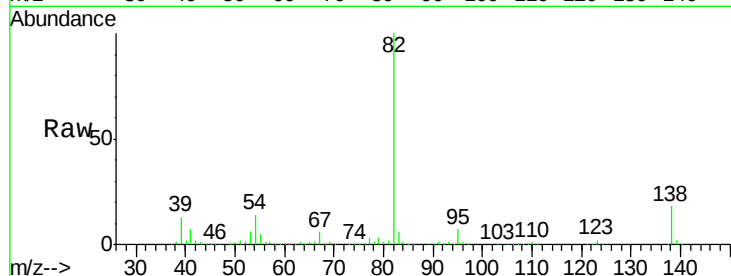
95 7.2 5.4 8.2

138 17.7 13.3 19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.02 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

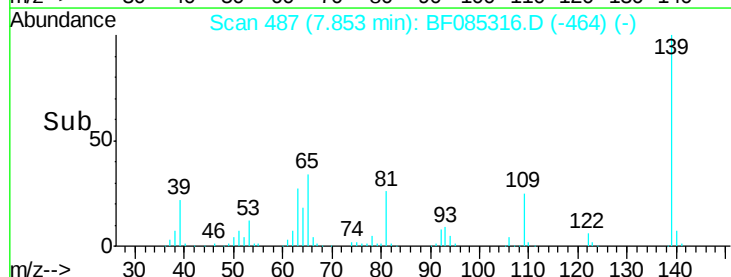
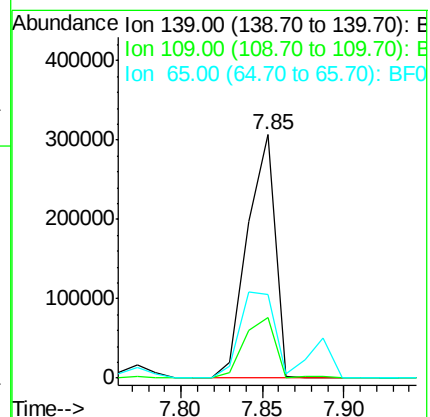
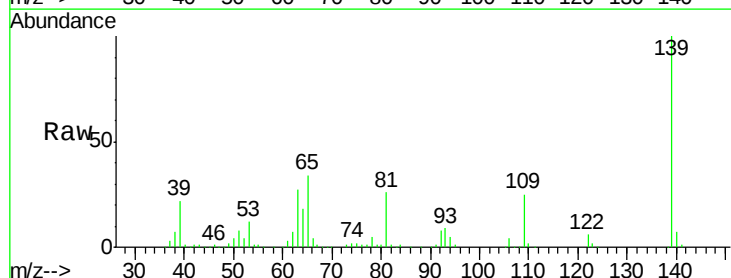
Tgt Ion: 139 Resp: 361089

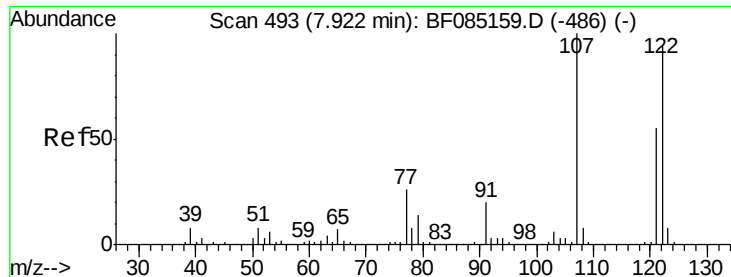
Ion Ratio Lower Upper

139 100

109 25.0 19.1 28.7

65 34.2 23.9 35.9





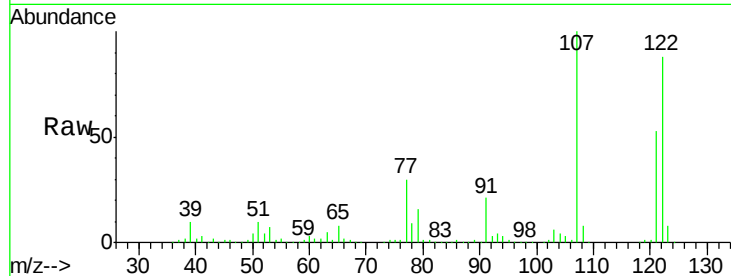
#27
2,4-Dimethylphenol
Concen: 51.42 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

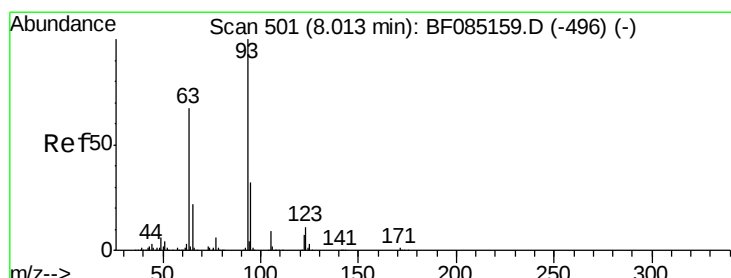
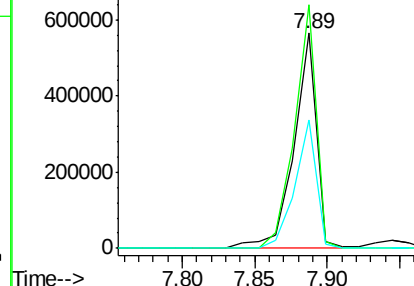
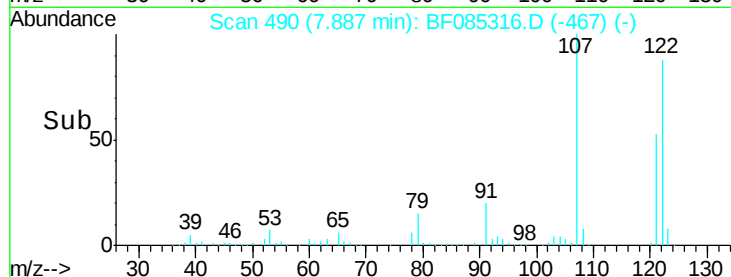
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	605786		
107	113.2	84.8	127.2	
121	59.5	47.0	70.6	

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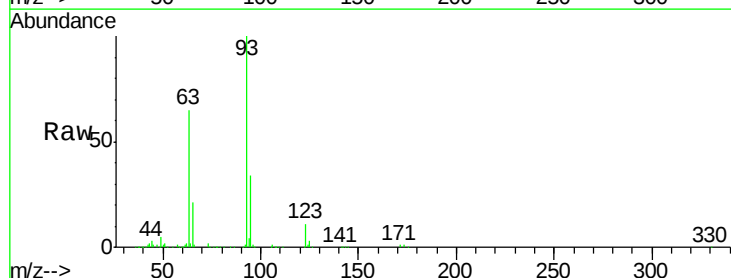


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

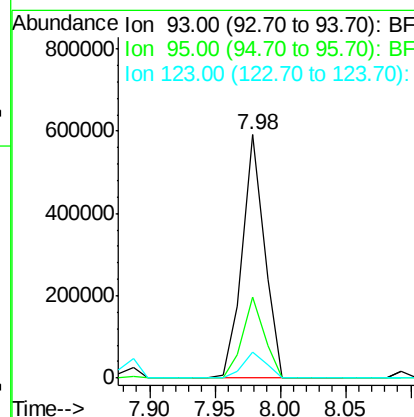
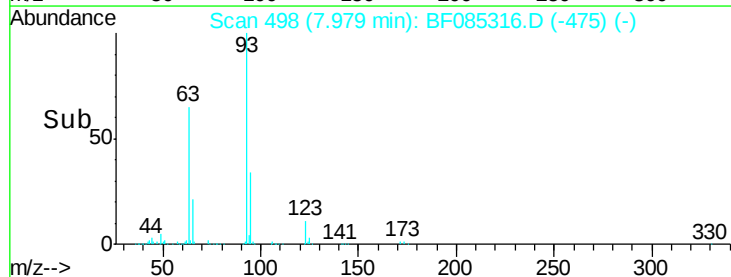


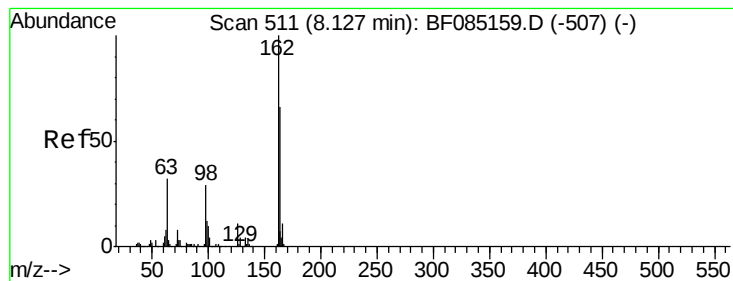
#28
bis(2-Chloroethoxy)methane
Concen: 51.81 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	697205		
95	33.5	25.9	38.9	
123	10.8	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: 56.86 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

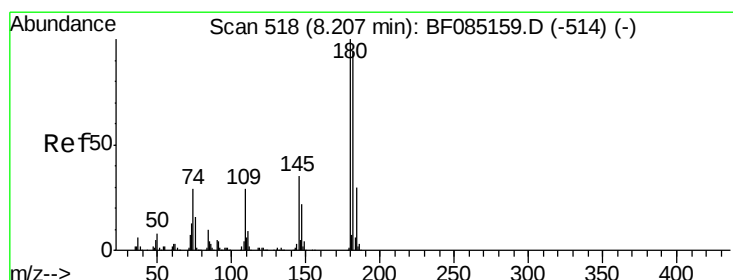
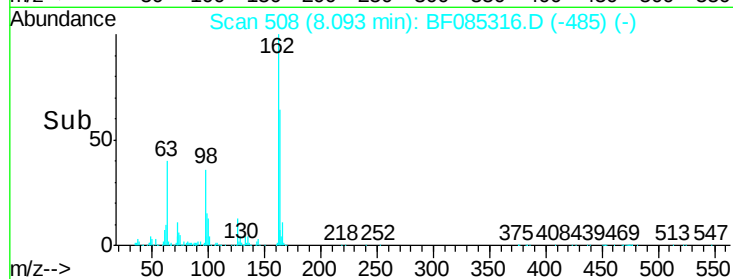
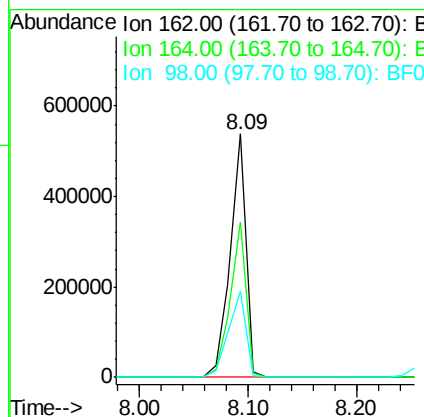
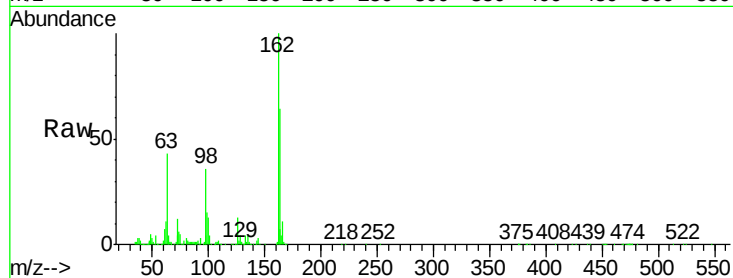
ClientSampleId :

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Tgt	Ion:162	Resp:	540251
Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.7	85.7
98	35.6	9.4	49.4

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#30

1,2,4-Trichlorobenzene

Concen: 48.58 ng

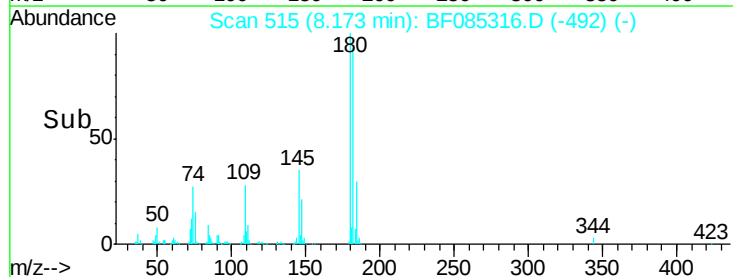
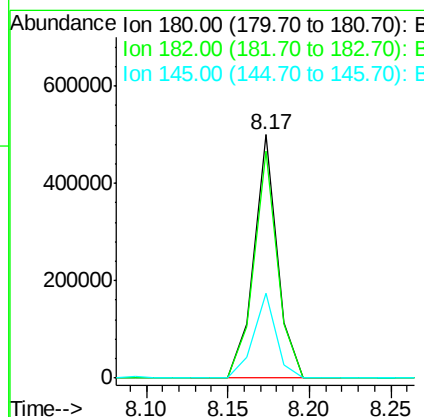
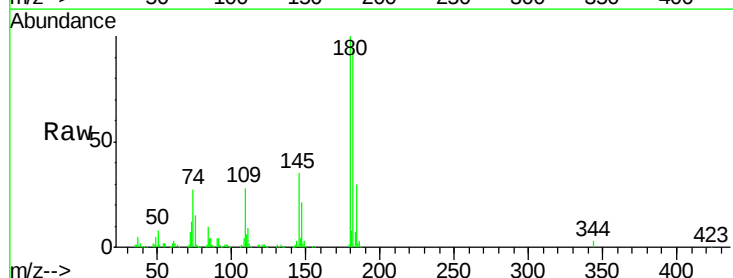
RT: 8.17 min Scan# 515

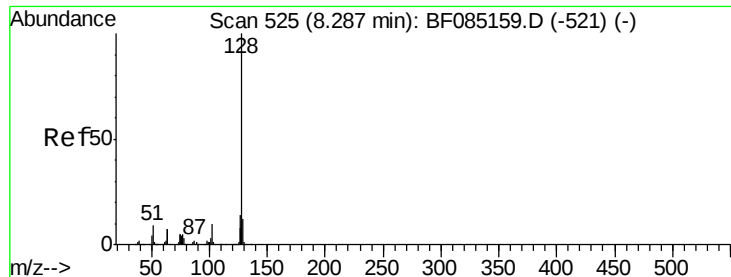
Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt	Ion:180	Resp:	499010
Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.9	112.3
145	34.7	27.9	41.9





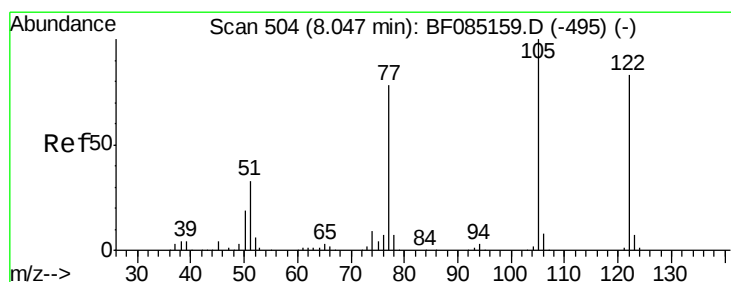
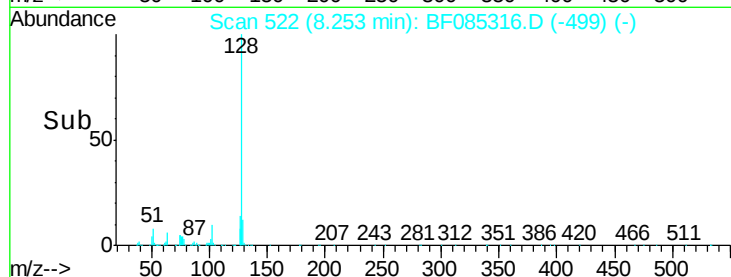
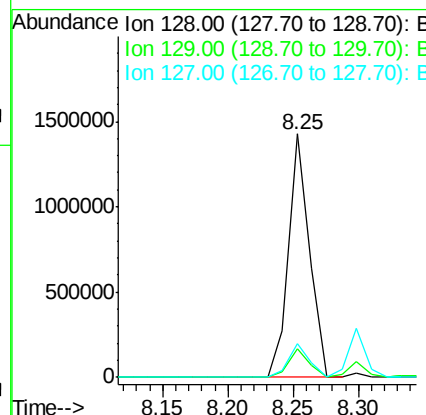
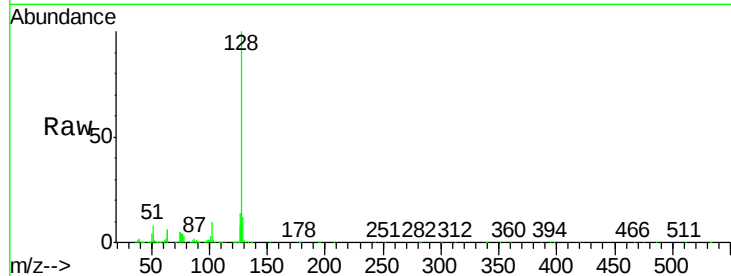
#31
Naphthalene
Concen: 47.04 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion:128 Resp: 1613816
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.8 11.2 16.8

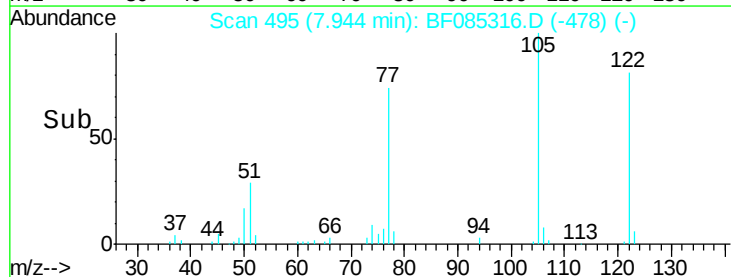
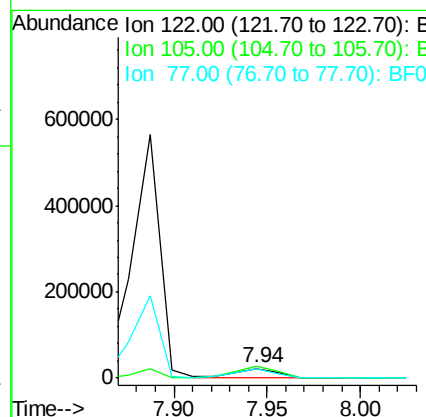
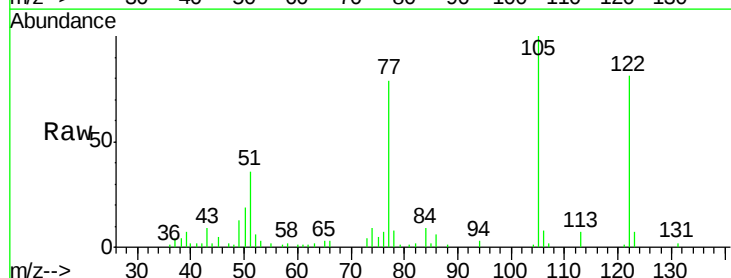
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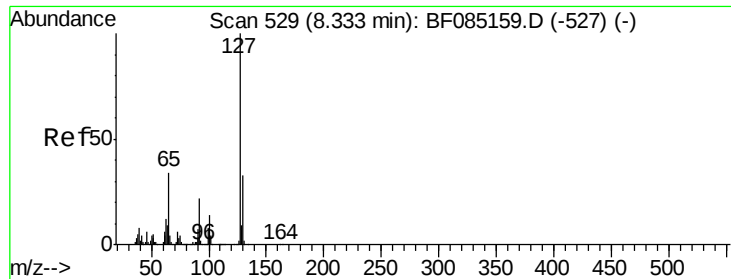
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#32
Benzoic acid
Concen: 4.72 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion:122 Resp: 36959
Ion Ratio Lower Upper
122 100
105 124.2 101.3 141.3
77 98.5 74.7 114.7





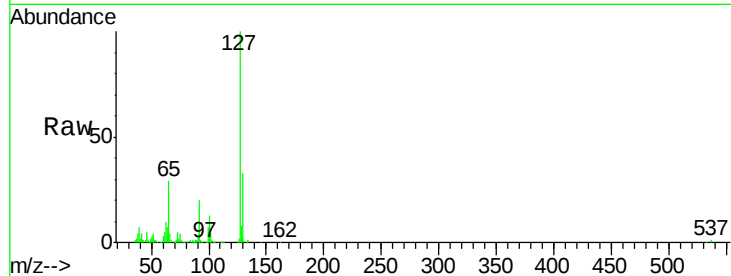
#33
4-Chloroaniline
Concen: 19.76 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

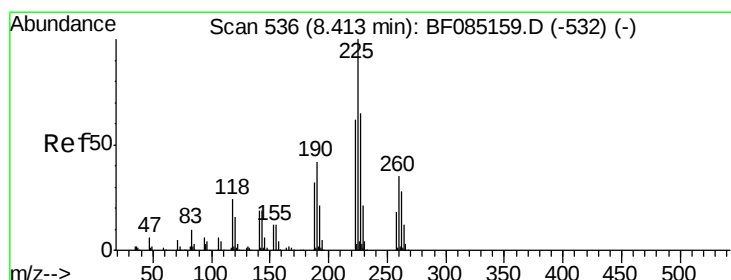
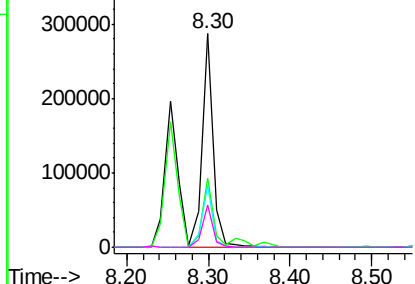
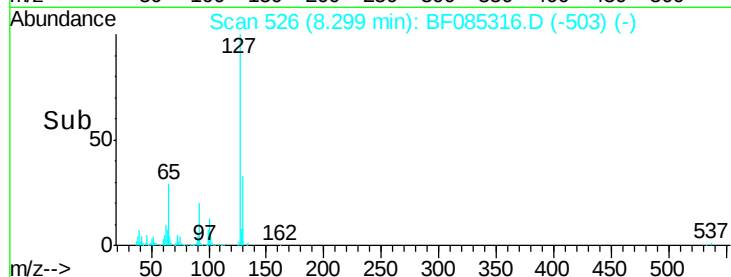
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	274232		
129	32.6	26.1	39.1	
65	28.8	27.0	40.6	
92	19.9	17.4	26.0	

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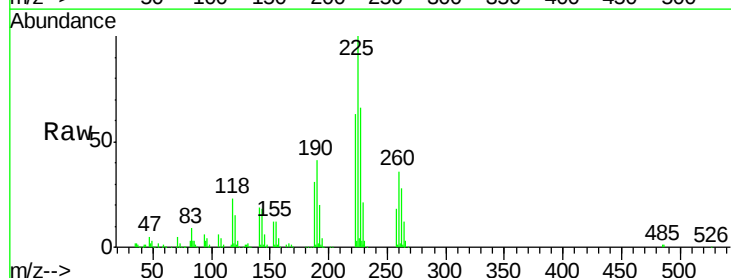


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

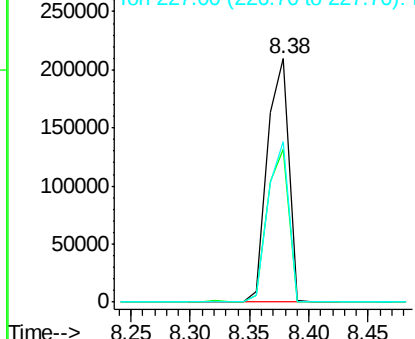
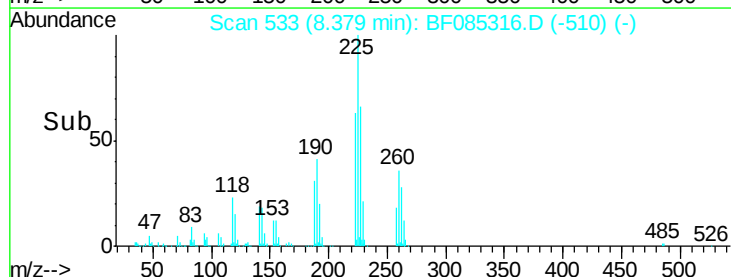


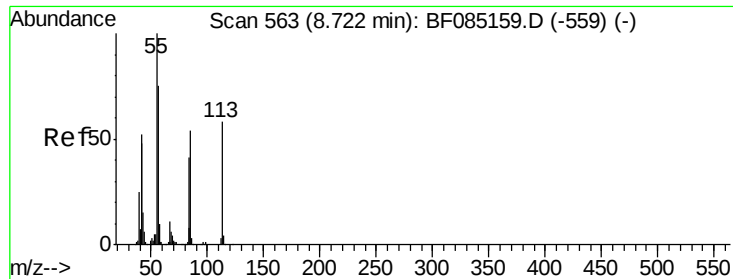
#34
Hexachlorobutadiene
Concen: 49.46 ng
RT: 8.38 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	264373		
223	62.7	49.7	74.5	
227	65.7	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





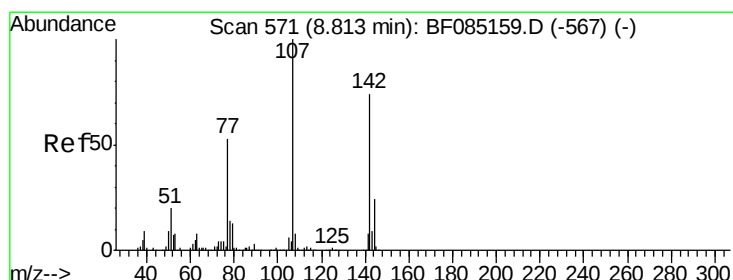
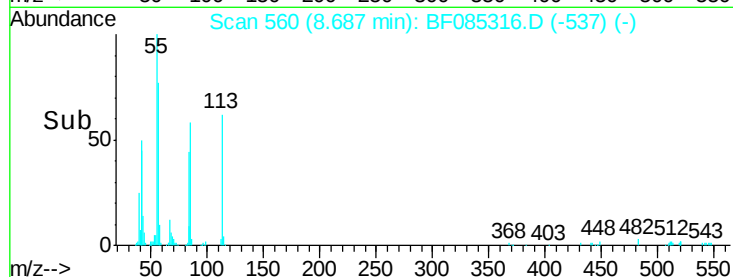
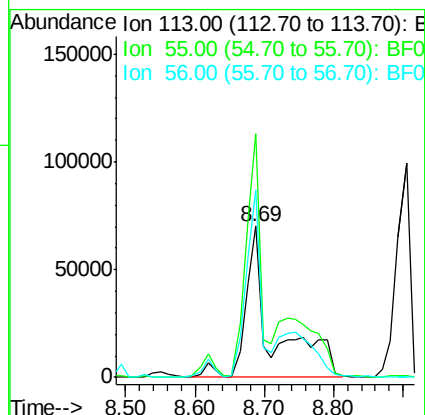
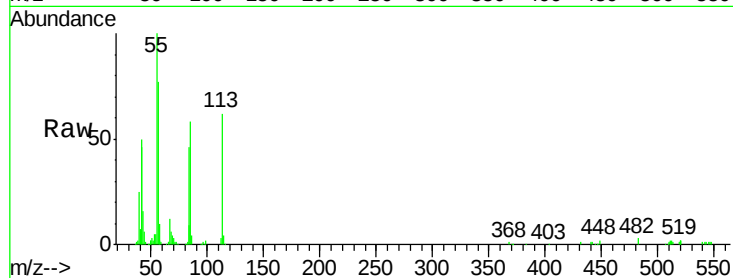
#35
Caprolactam
Concen: 61.61 ng m
RT: 8.69 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	160.9	152.7	192.7
56	123.5	109.0	149.0

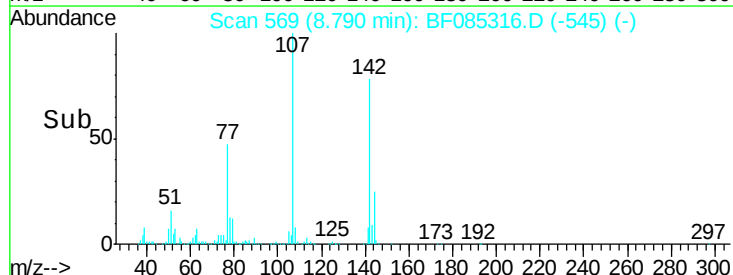
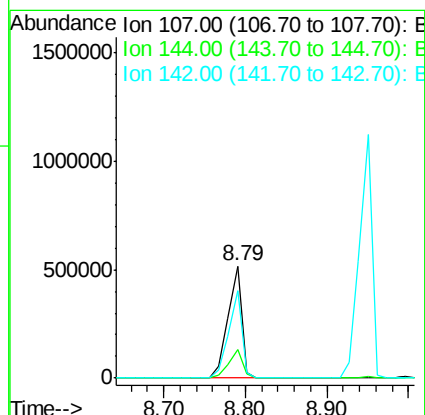
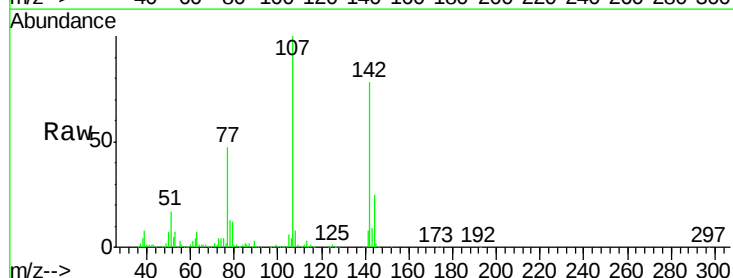
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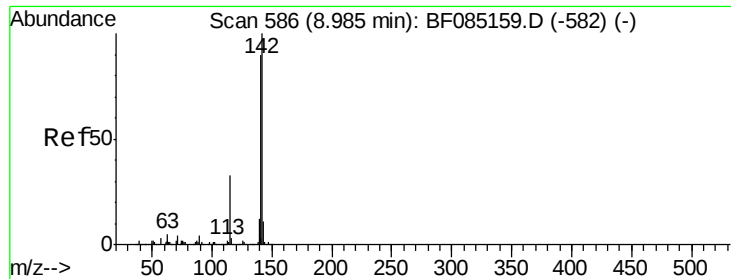
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#36
4-Chloro-3-methylphenol
Concen: 55.76 ng
RT: 8.79 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.4	29.2
142	77.9	59.4	89.2





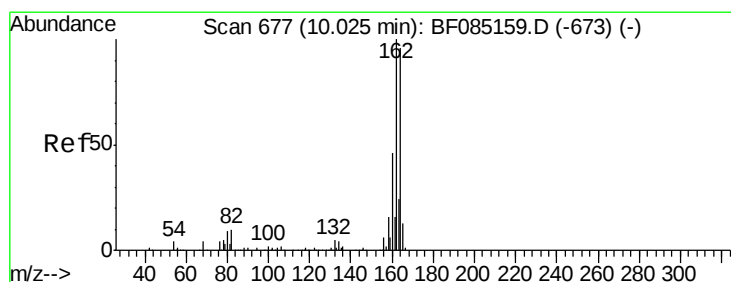
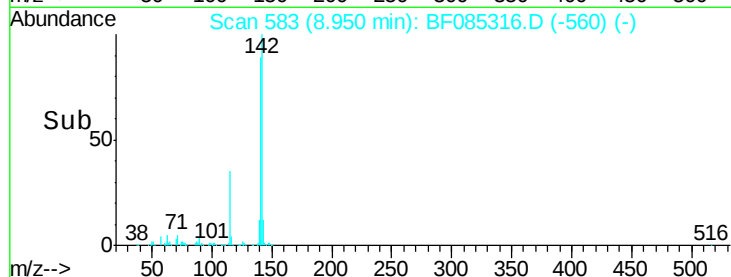
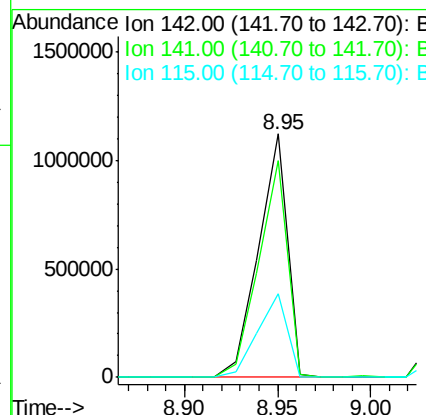
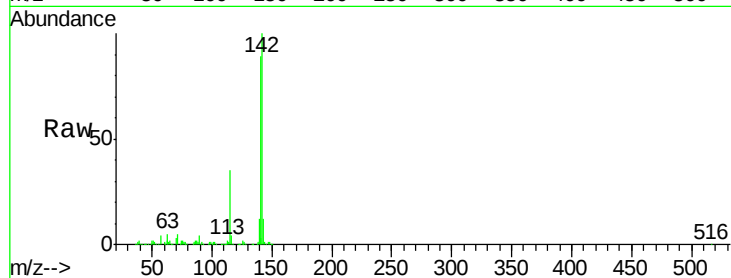
#37
2-Methylnaphthalene
Concen: 54.40 ng
RT: 8.95 min Scan# 583
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	34.6	26.2	39.4

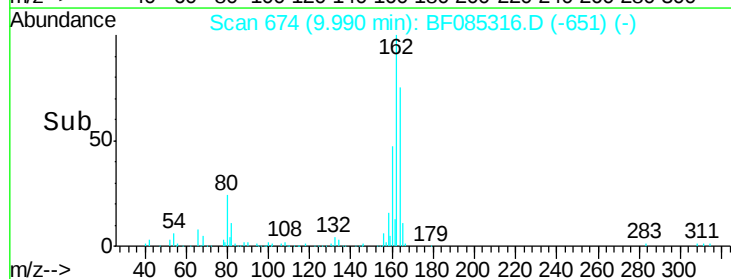
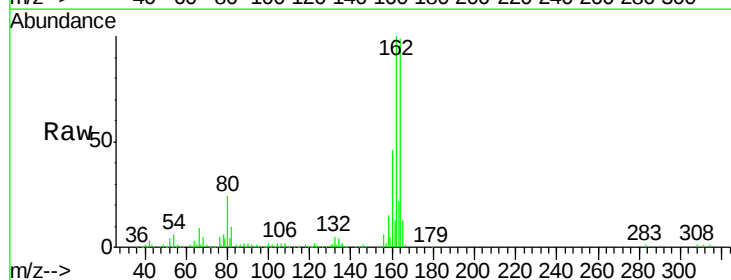
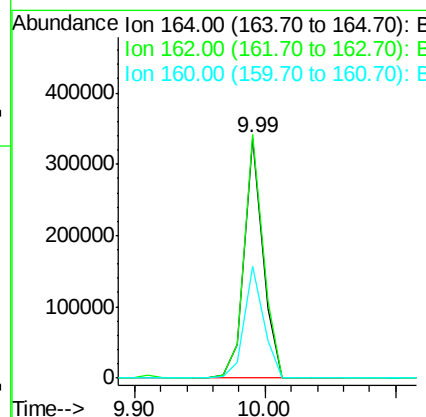
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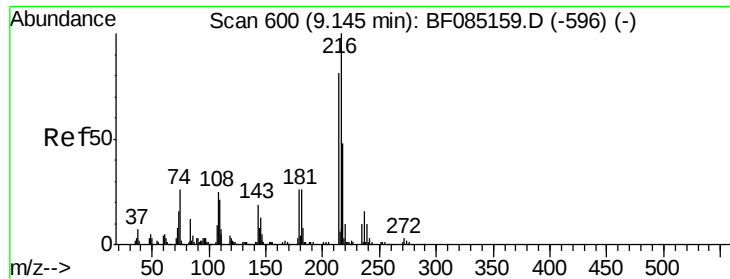
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.3	124.9
160	46.4	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.87 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

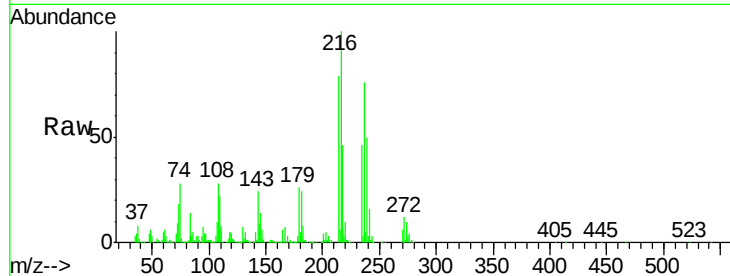
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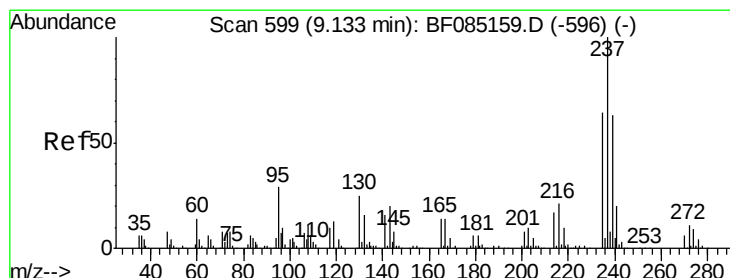
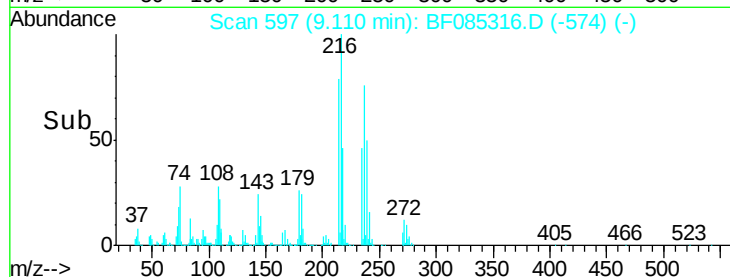
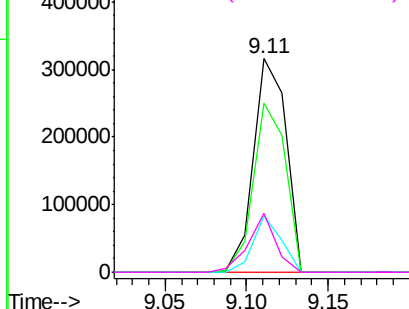
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.9	19.6	29.4
108	23.1	19.6	29.4



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: 92.35 ng

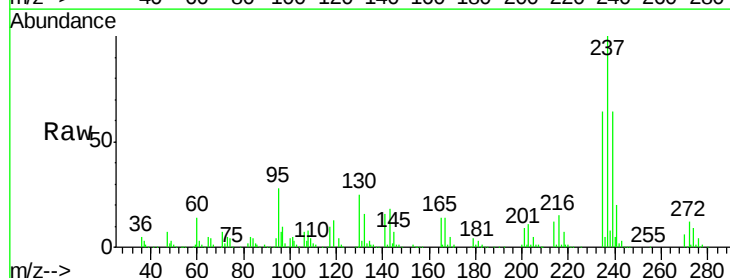
RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

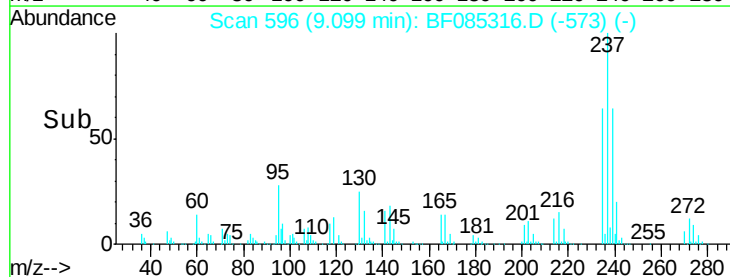
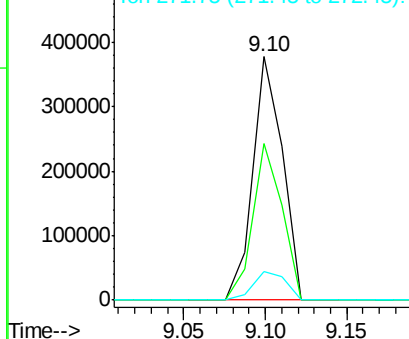
Lab File: BF085316.D

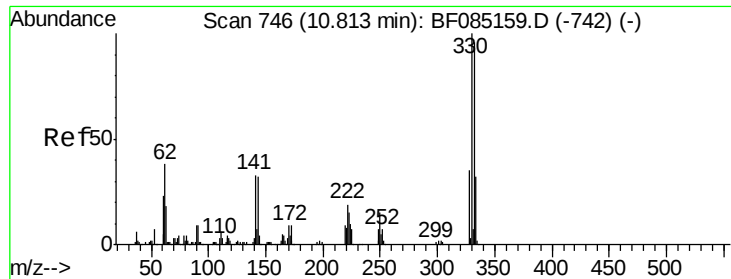
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.7	83.7
272	11.8	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





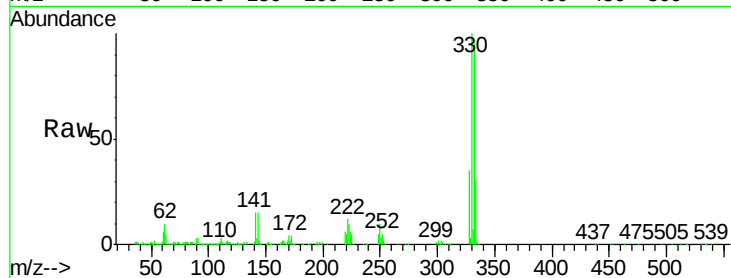
#41
 2,4,6-Tribromophenol
 Concen: 193.01 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

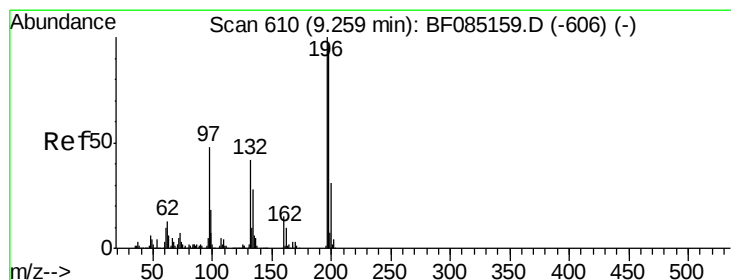
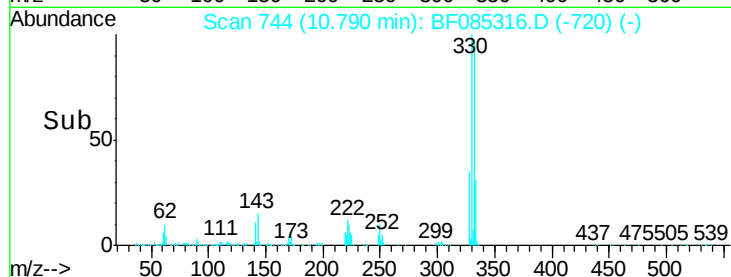
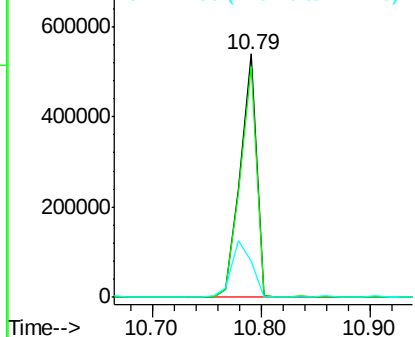
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	551437		
332	95.7	77.1	115.7	
141	28.9	35.0	52.6	

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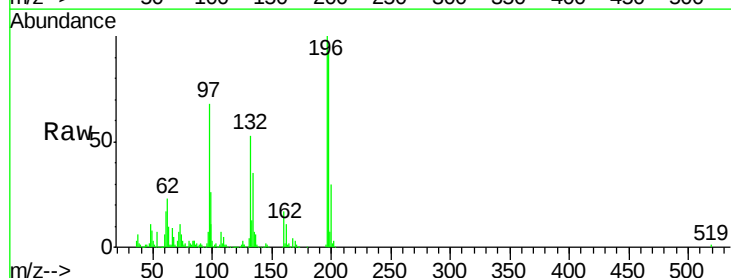


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

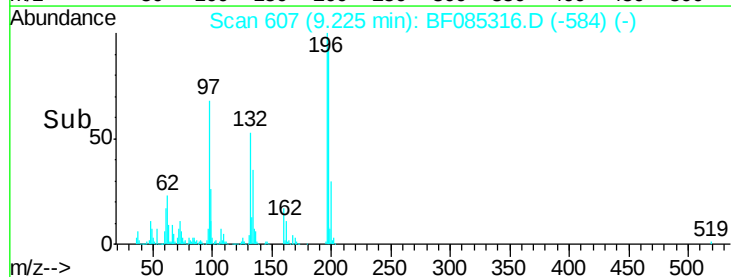
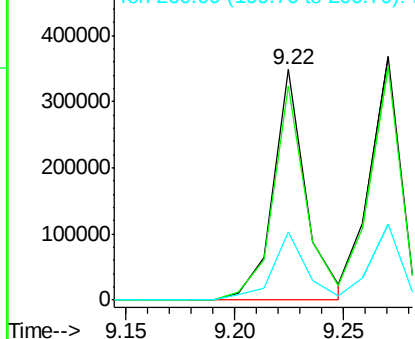


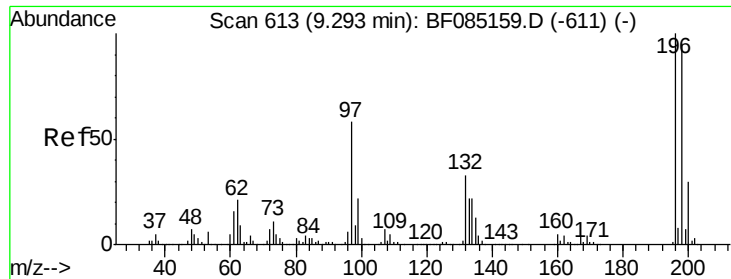
#42
 2,4,6-Trichlorophenol
 Concen: 51.73 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	367701		
198	92.9	77.8	116.6	
200	29.5	25.0	37.6	



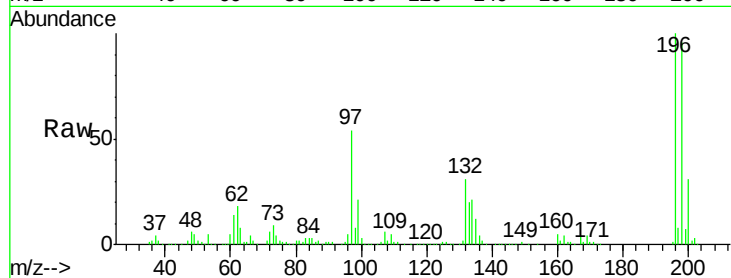
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 53.60 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

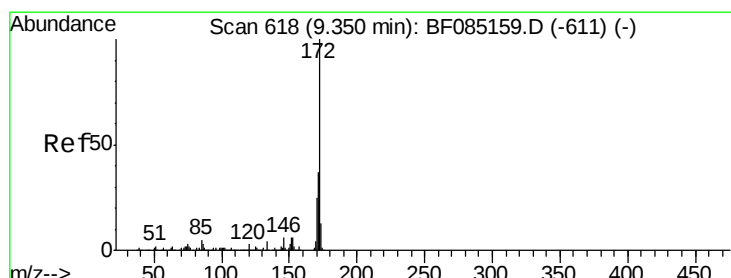
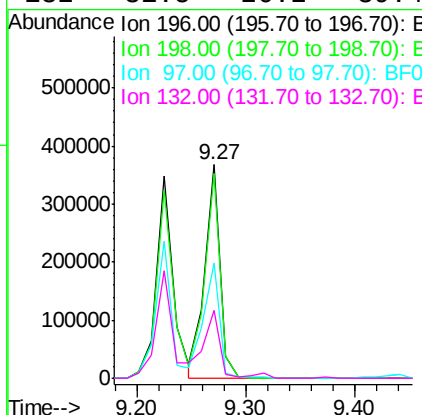
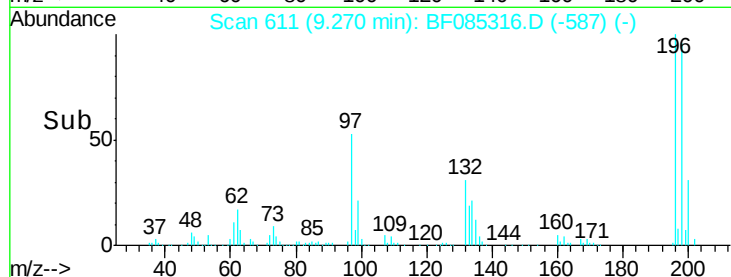
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	361276		
198	96.0	75.7	113.5	
97	53.9	46.4	69.6	
132	31.5	26.2	39.4	

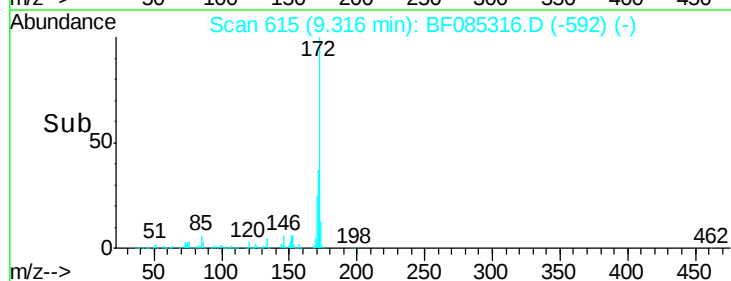
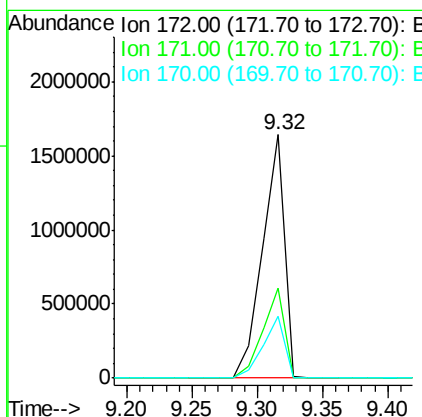
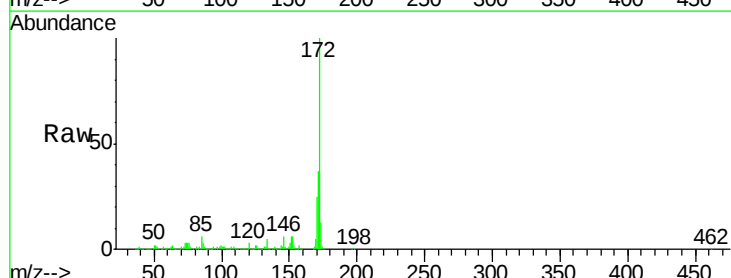
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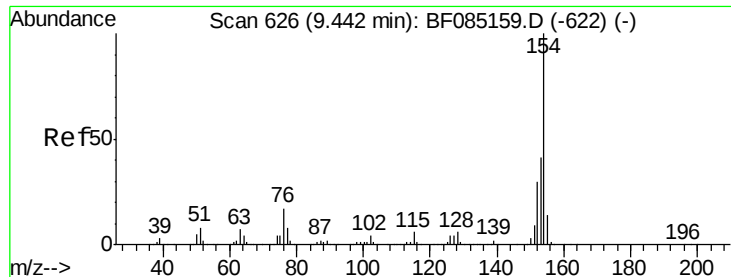
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#44
 2-Fluorobiphenyl
 Concen: 88.12 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1934694		
171	37.2	29.3	43.9	
170	25.2	20.0	30.0	





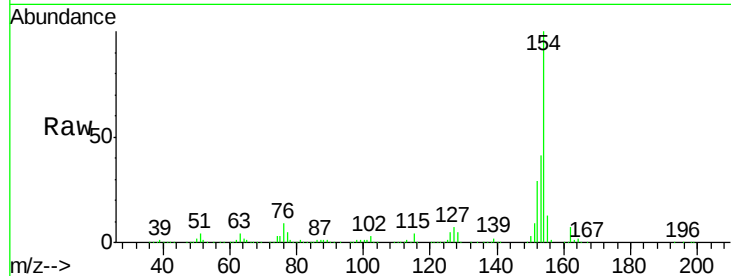
#45
 1,1'-Biphenyl
 Concen: 46.50 ng
 RT: 9.42 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

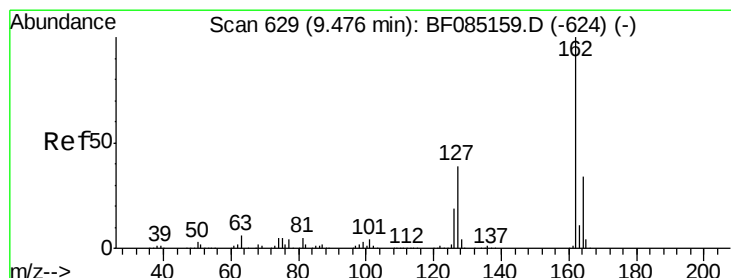
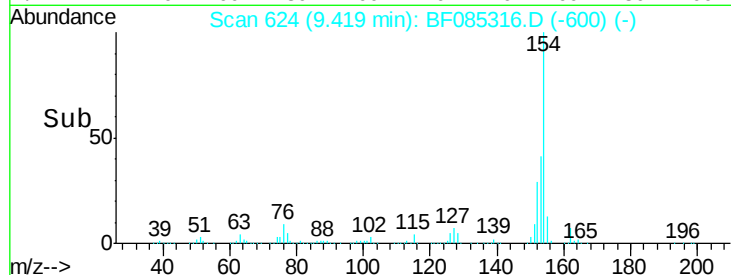
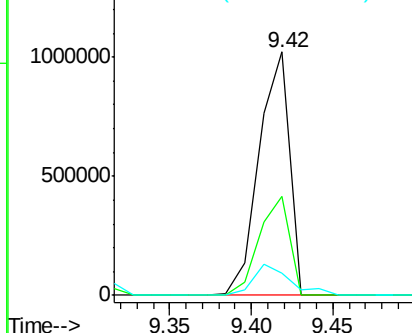
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	9.1	0.0	37.5

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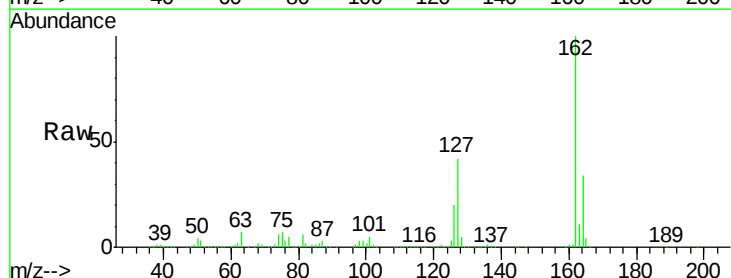


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

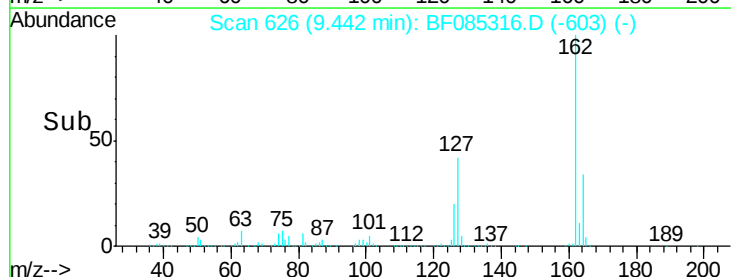
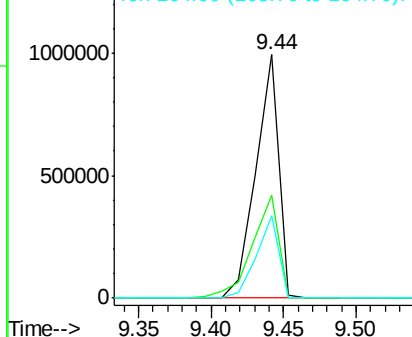


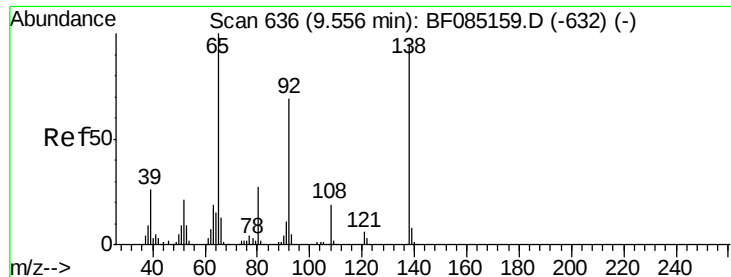
#46
 2-Chloronaphthalene
 Concen: 49.73 ng
 RT: 9.44 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	31.6	47.4
164	33.6	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





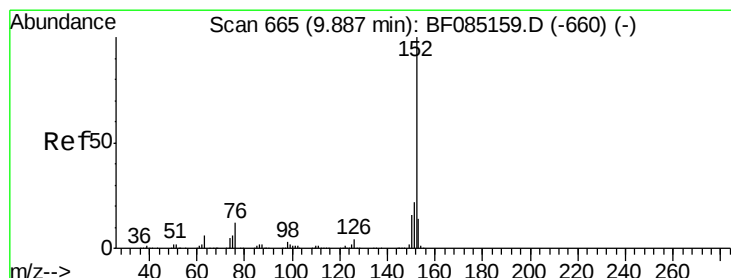
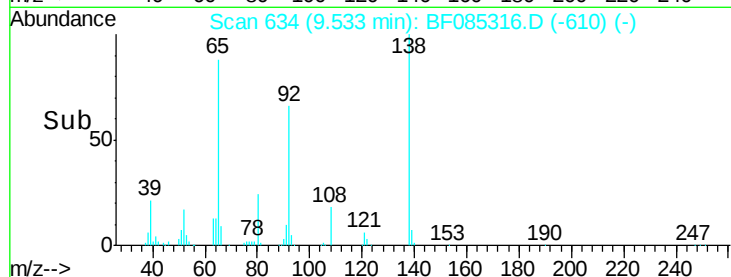
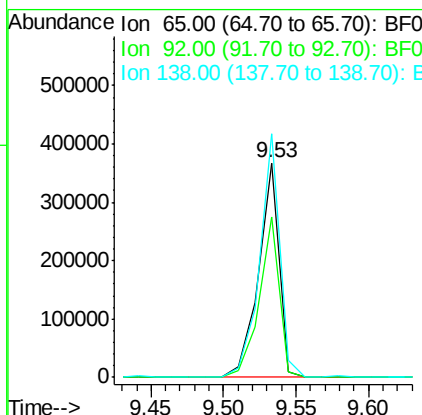
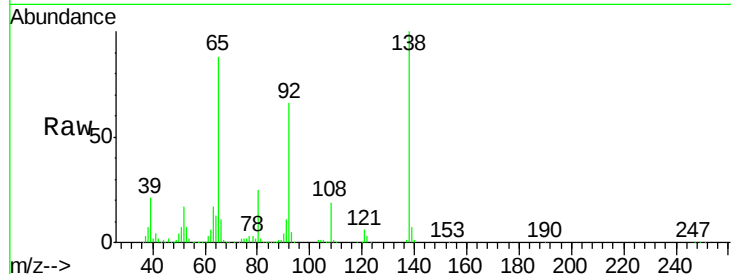
#47
2-Nitroaniline
Concen: 53.59 ng
RT: 9.53 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	55.4	83.2
138	113.6	75.7	113.5#

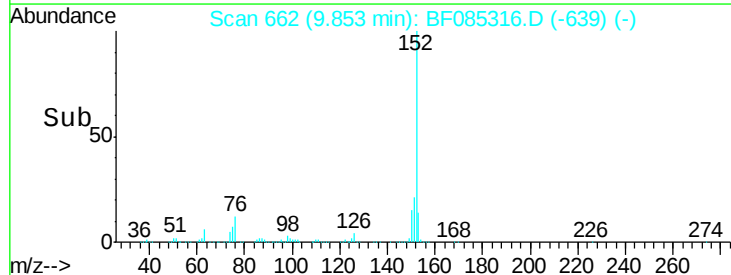
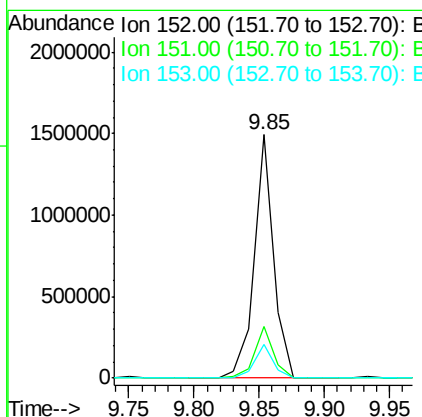
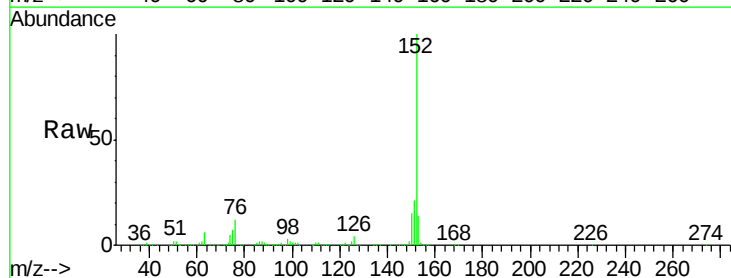
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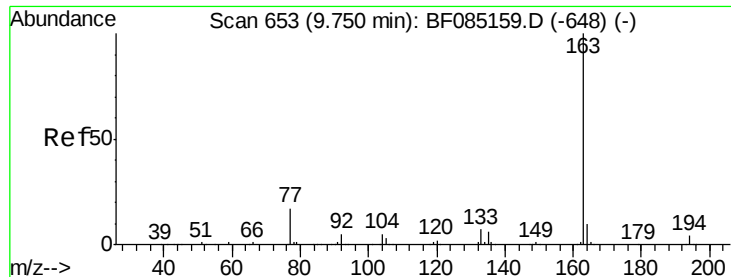
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#48
Acenaphthylene
Concen: 45.59 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	14.0	11.3	16.9





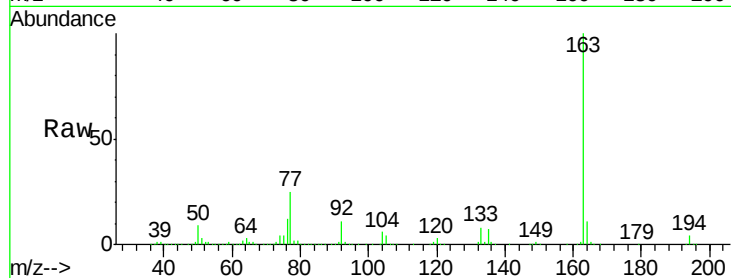
#49
Dimethylphthalate
Concen: 65.78 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

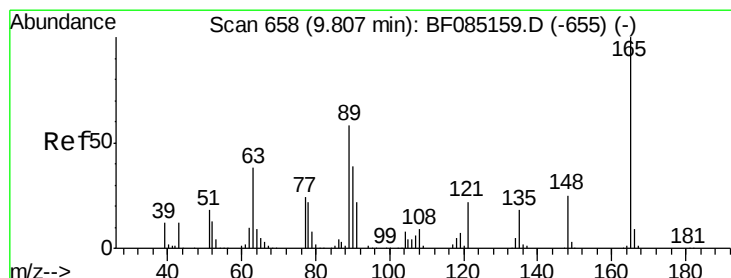
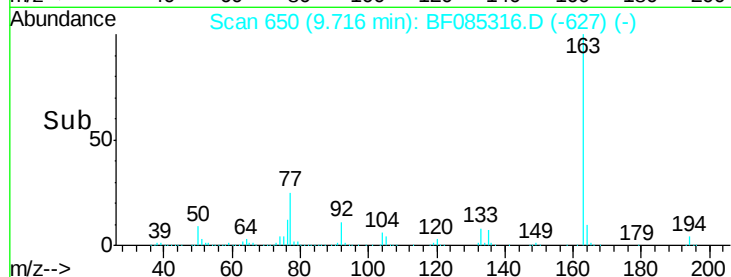
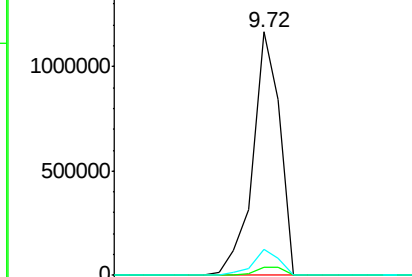
Tgt Ion:163 Resp: 1685874
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.8 8.2 12.4

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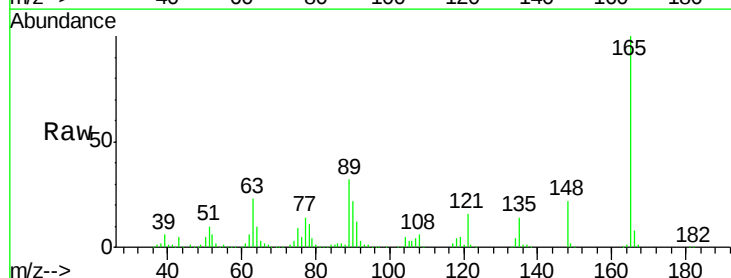


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

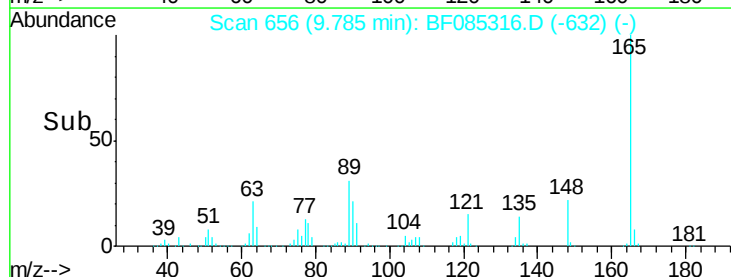
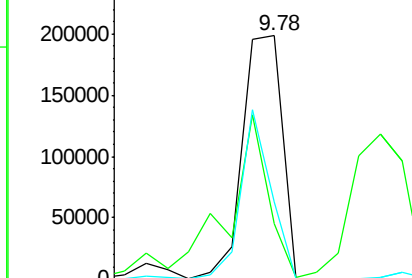


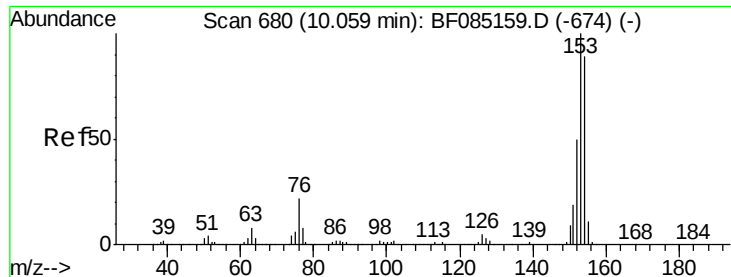
#50
2,6-Dinitrotoluene
Concen: 53.28 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion:165 Resp: 292090
Ion Ratio Lower Upper
165 100
63 22.7 41.8 62.8#
89 31.6 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: 46.26 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

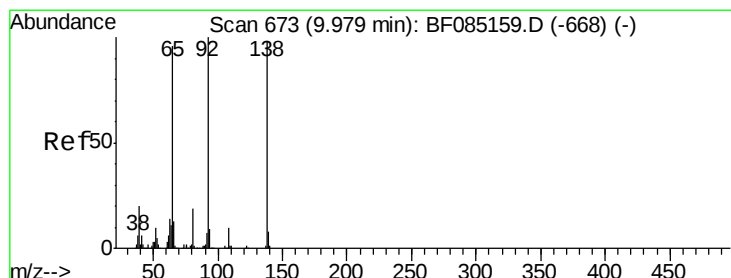
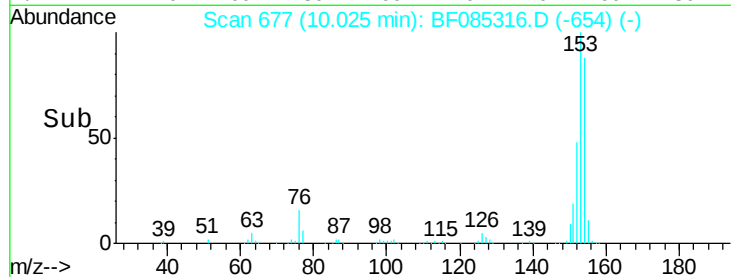
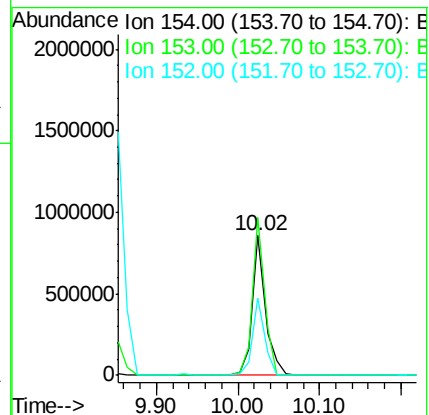
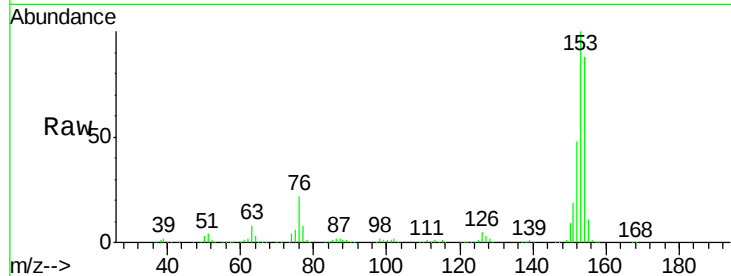
ClientSampleId :

UST-SW-SEMSD

Tgt Ion:	154	Resp:	950652
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.8	134.8
152	55.0	44.6	66.8

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#52

3-Nitroaniline

Concen: 35.67 ng

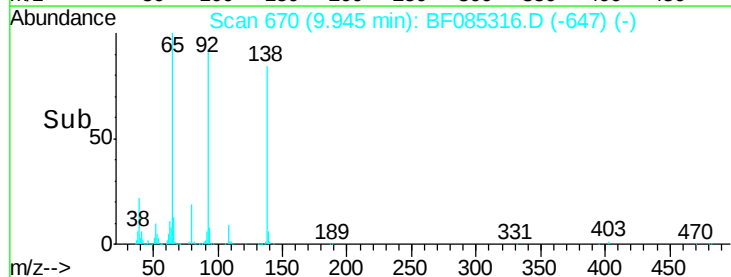
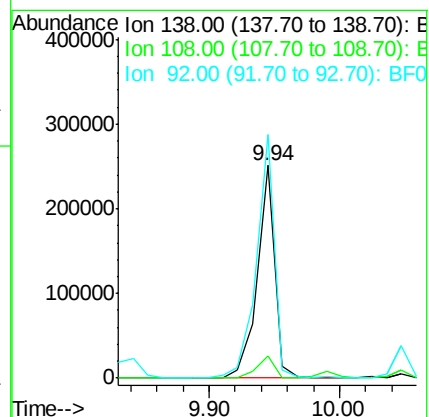
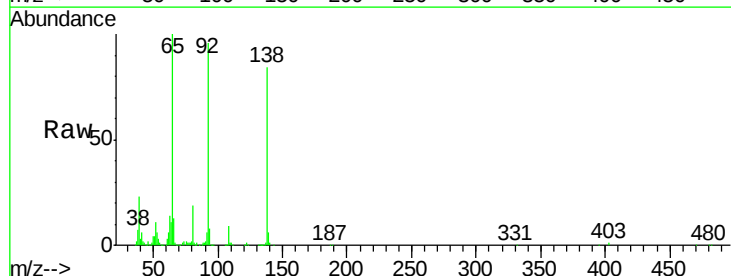
RT: 9.94 min Scan# 670

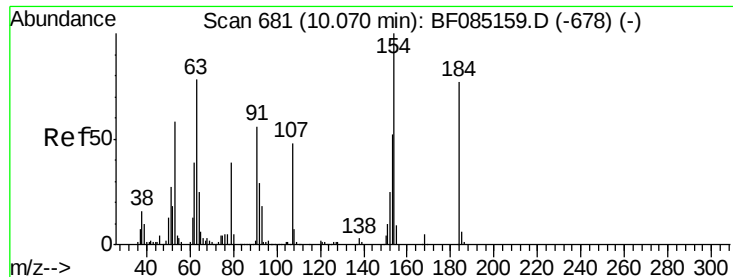
Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:	138	Resp:	233973
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.8	11.6
92	114.4	81.3	121.9





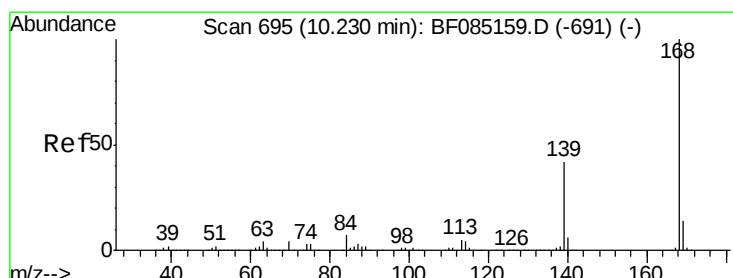
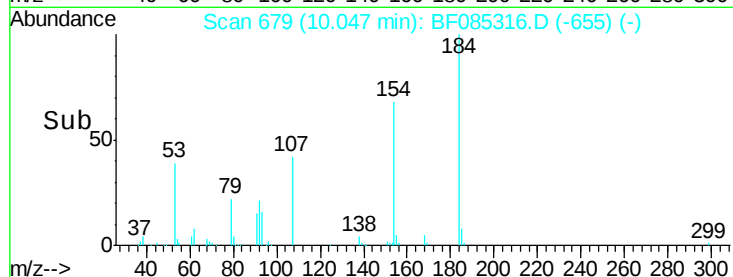
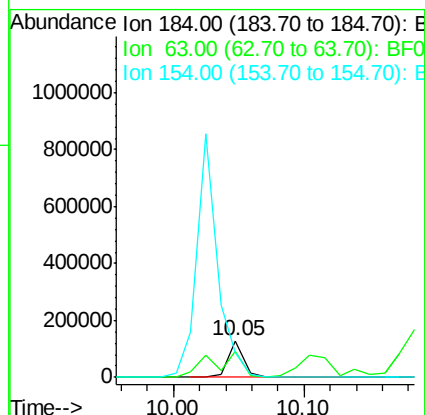
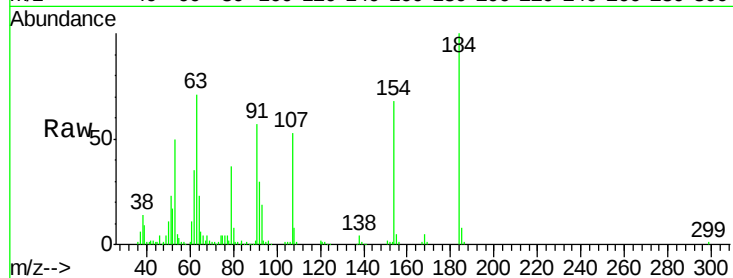
#53
2,4-Dinitrophenol
Concen: 42.98 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108107		
63	70.7	82.2	123.4#	
154	67.7	108.9	163.3#	

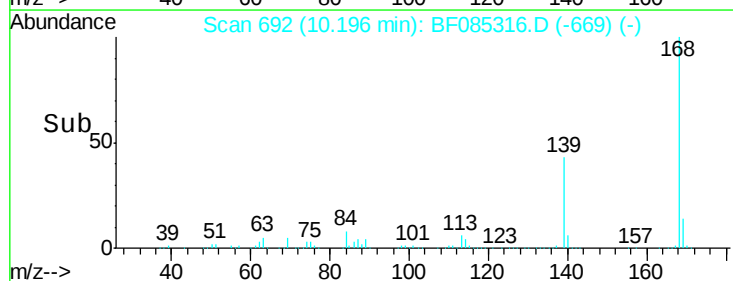
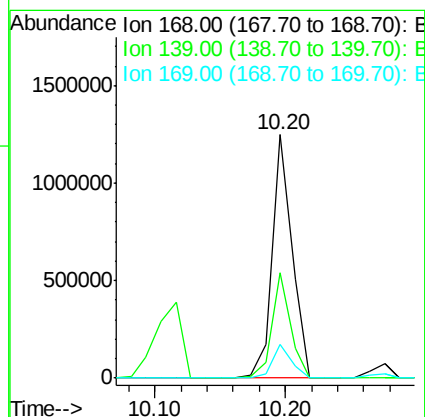
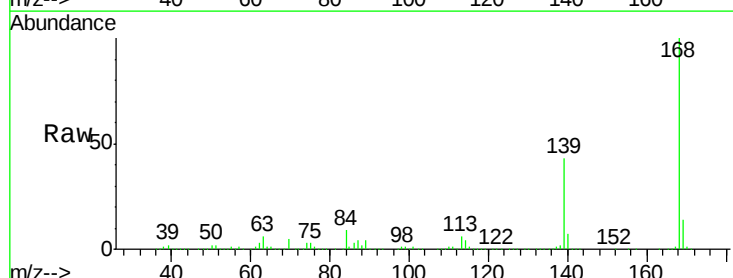
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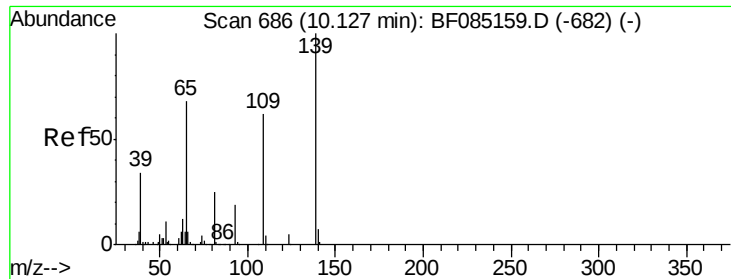
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#54
Dibenzofuran
Concen: 49.64 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1336423		
139	43.4	33.6	50.4	
169	14.1	11.2	16.8	





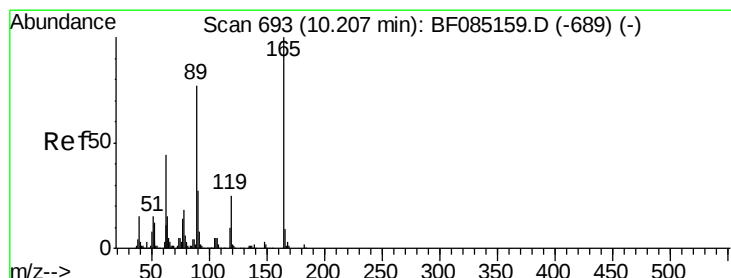
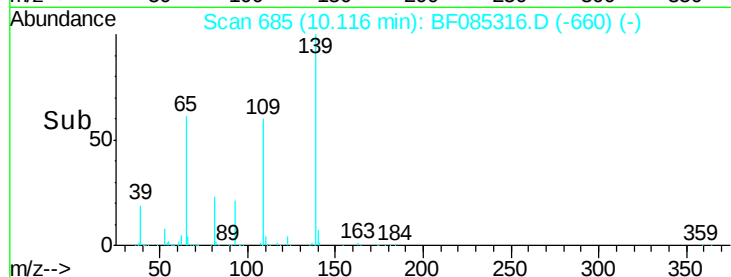
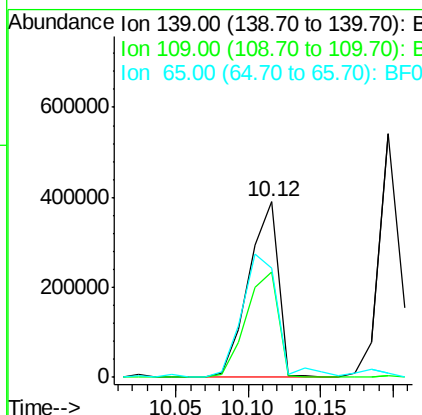
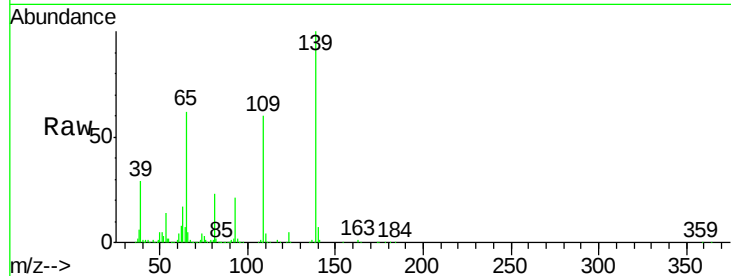
#55
4-Nitrophenol
Concen: 108.07 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	557070		
109	60.2	41.9	81.9	
65	62.3	48.3	88.3	

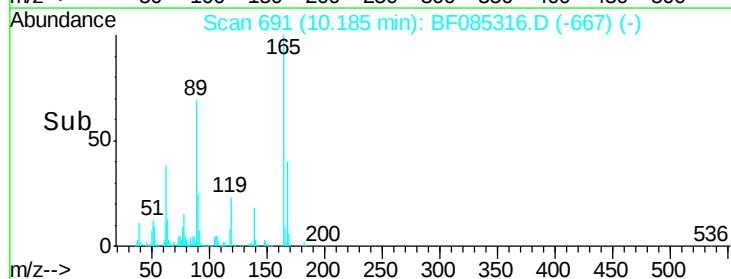
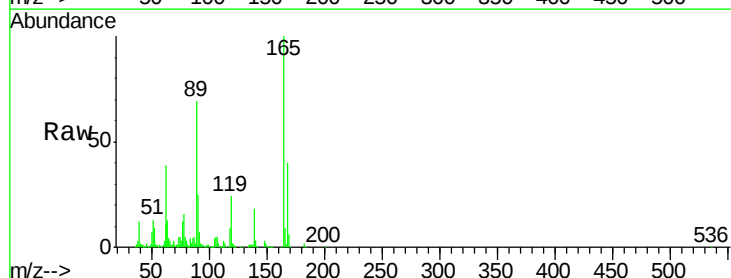
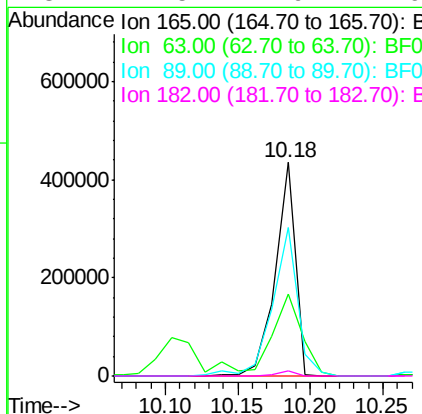
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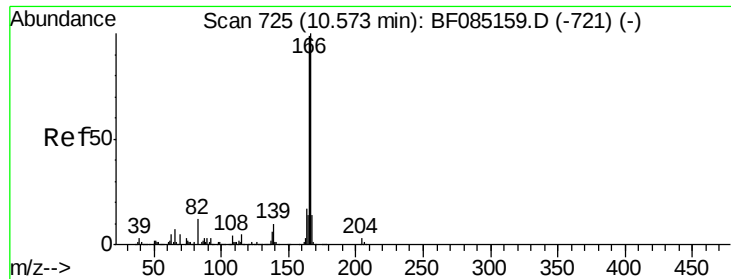
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#56
2,4-Dinitrotoluene
Concen: 60.12 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	421840		
63	38.6	35.4	53.0	
89	69.3	61.9	92.9	
182	2.5	1.9	2.9	





#57

Fluorene

Concen: 47.98 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085316.D

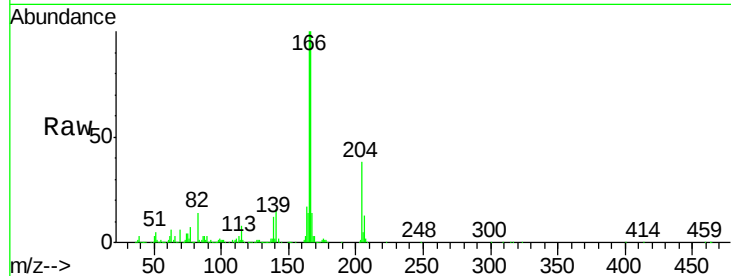
Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMSD



Tgt Ion:166 Resp: 1014724

Ion Ratio Lower Upper

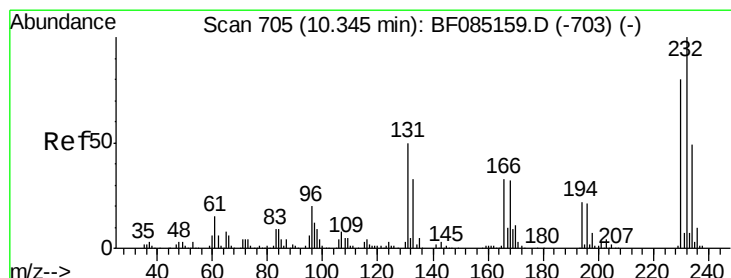
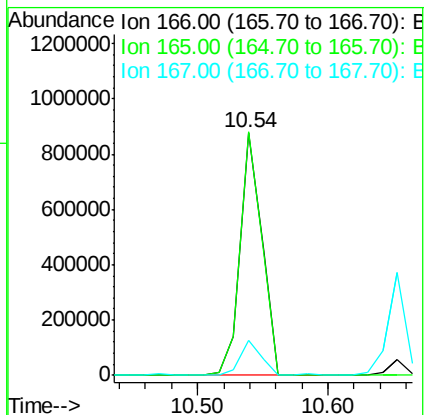
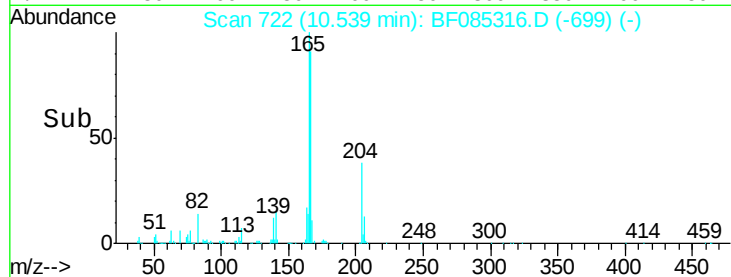
166 100

165 100.3 79.4 119.0

167 14.2 11.0 16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.20 ng

RT: 10.32 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:232 Resp: 285030

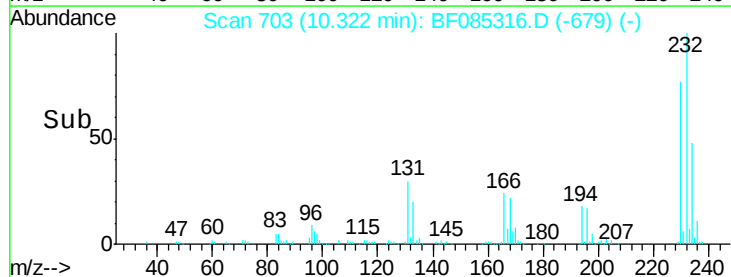
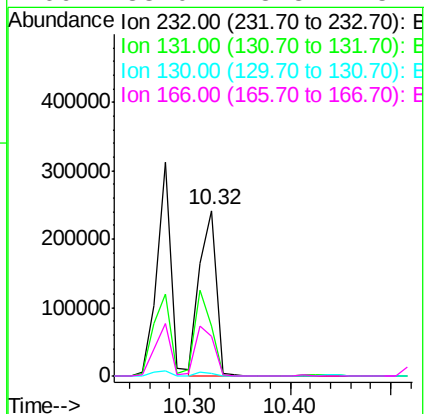
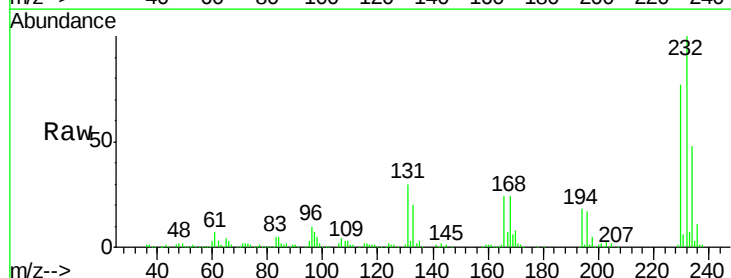
Ion Ratio Lower Upper

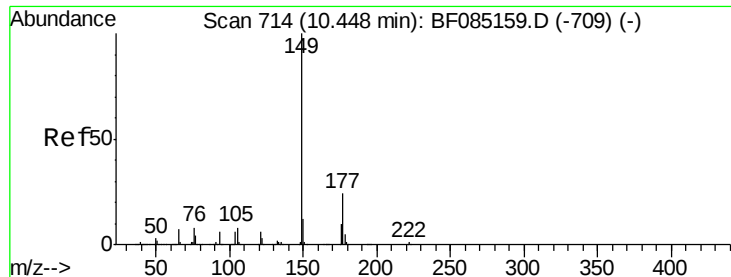
232 100

131 50.9 46.0 69.0

130 2.5 2.2 3.4

166 33.0 28.8 43.2





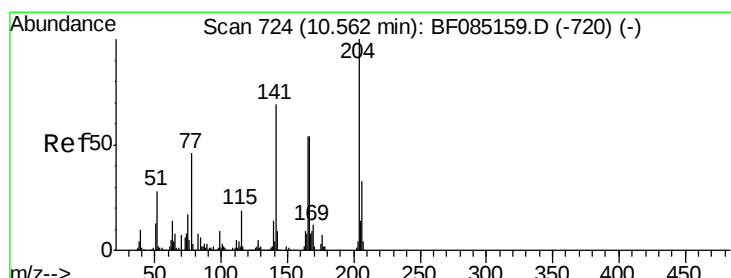
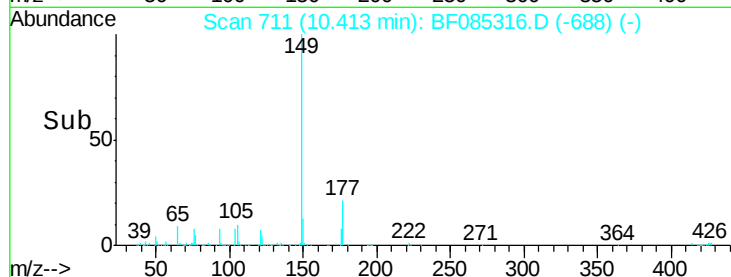
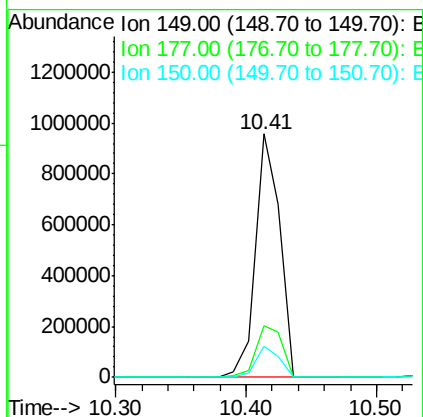
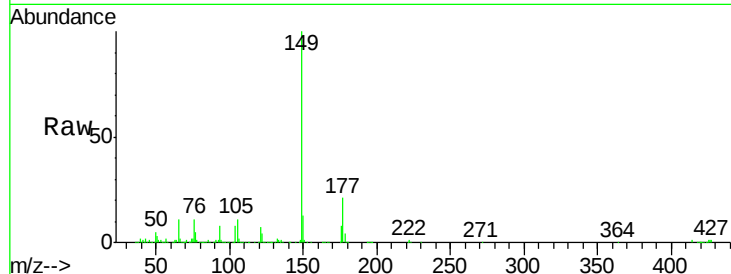
#59
Diethylphthalate
Concen: 49.84 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	19.2	28.8
150	12.9	9.9	14.9

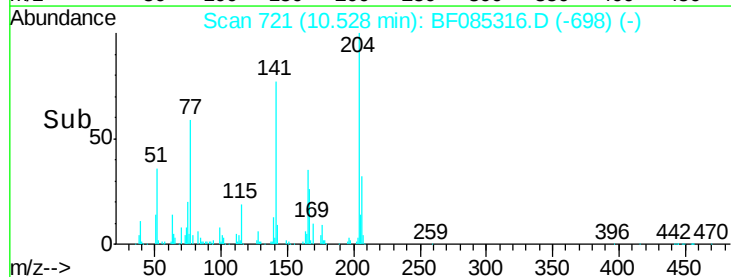
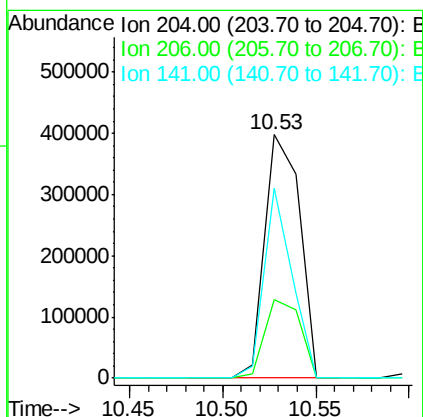
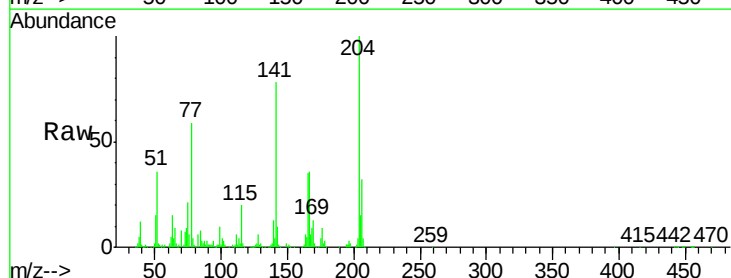
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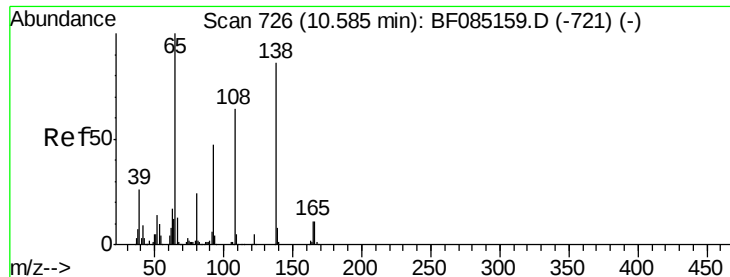
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#60
4-Chlorophenyl-phenylether
Concen: 50.24 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	78.0	55.4	83.2





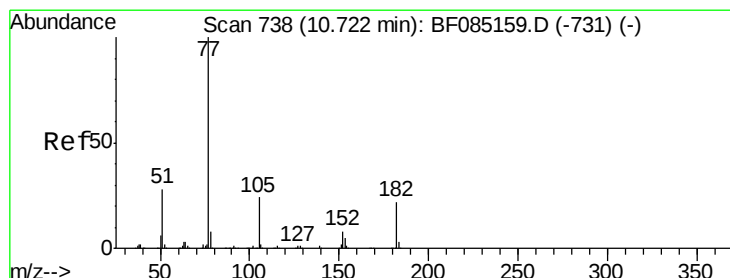
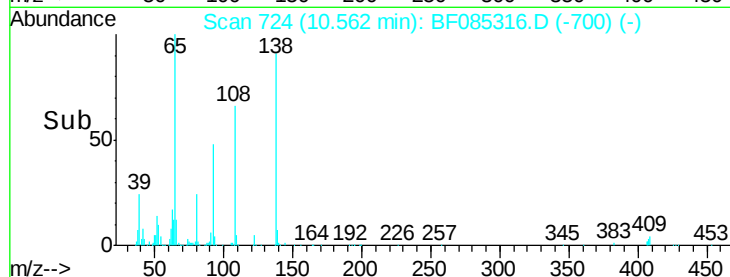
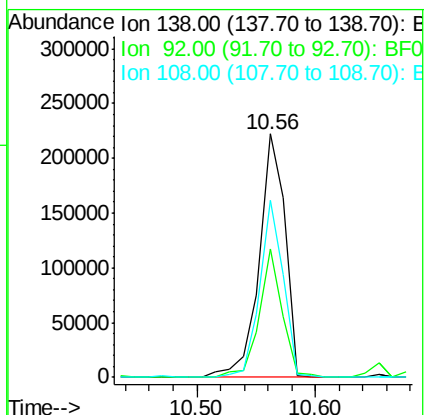
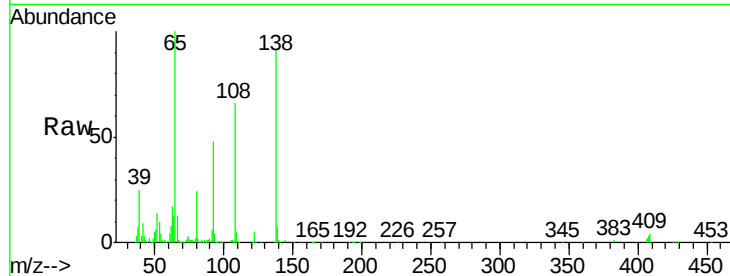
#61
4-Nitroaniline
Concen: 55.37 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	34.2	74.2
108	72.8	53.9	93.9

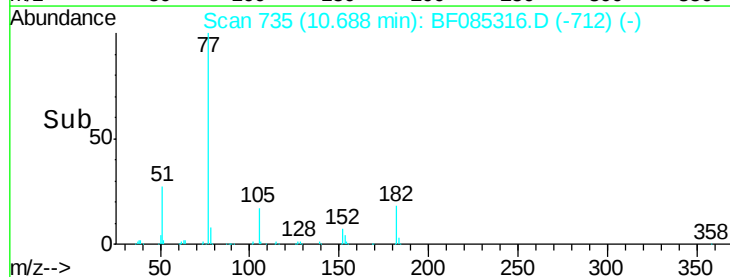
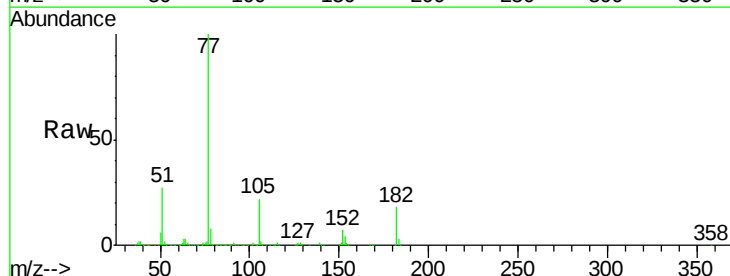
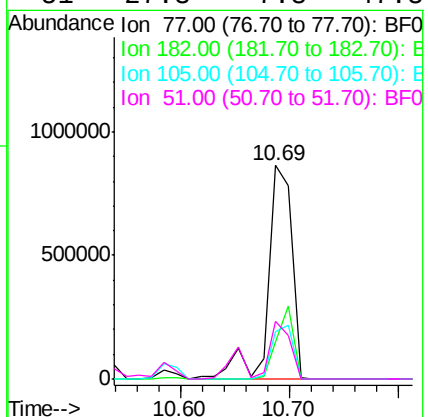
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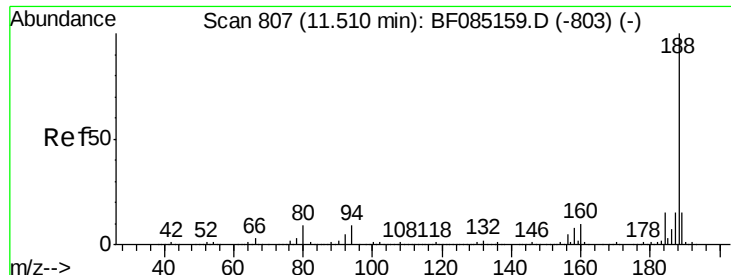
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#62
Azobenzene
Concen: 53.80 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	2.1	42.1
105	22.4	3.8	43.8
51	27.3	7.8	47.8





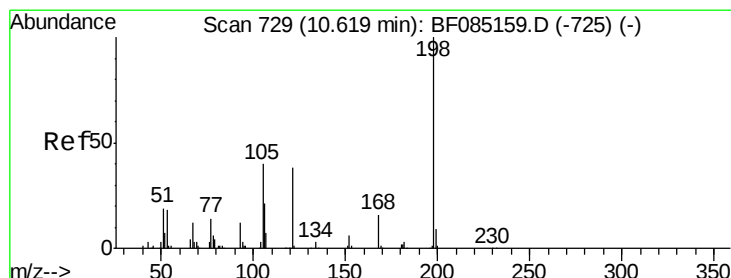
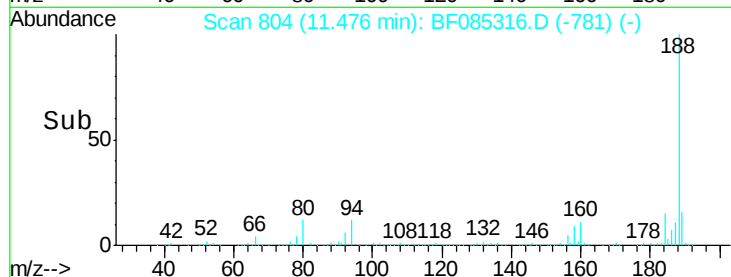
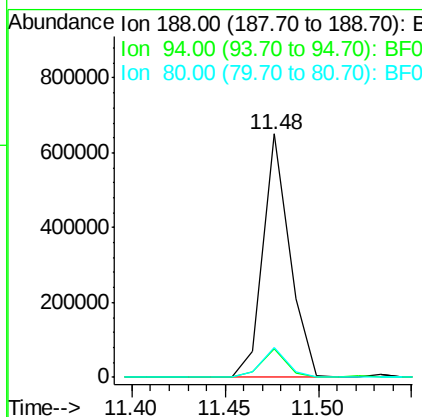
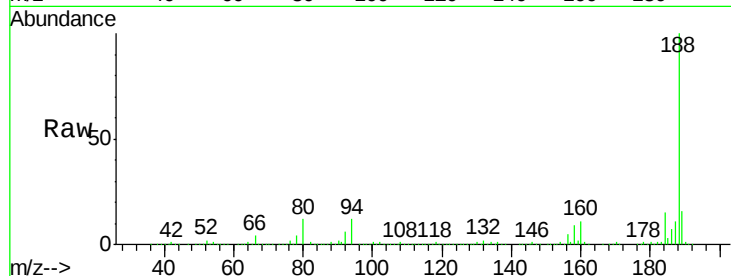
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.7	7.0	10.6#
80	12.3	7.4	11.0#

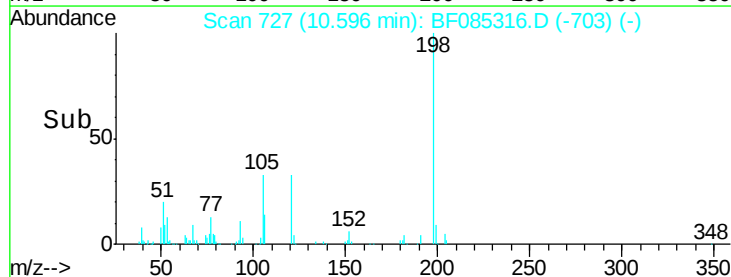
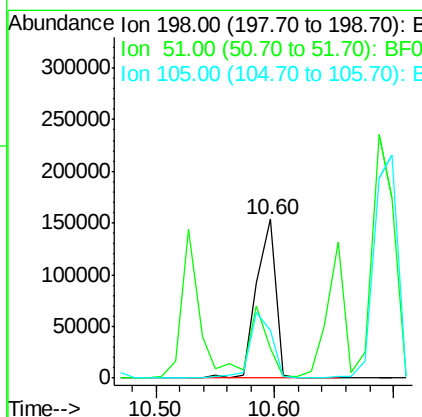
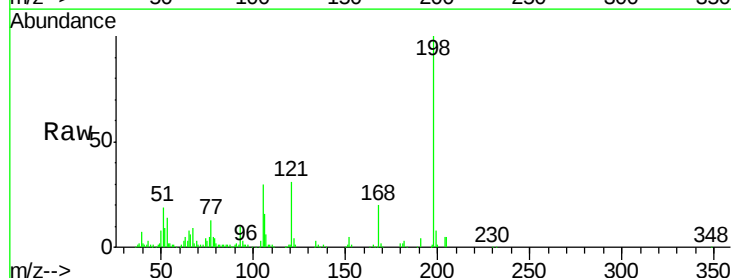
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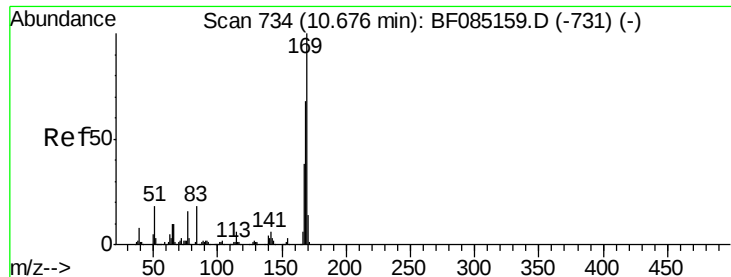
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.57 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	18.8	9.5	49.5
105	30.3	20.5	60.5





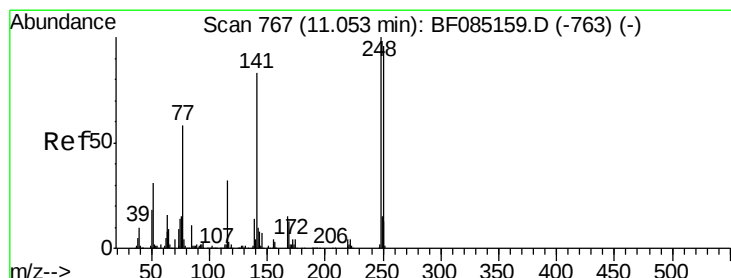
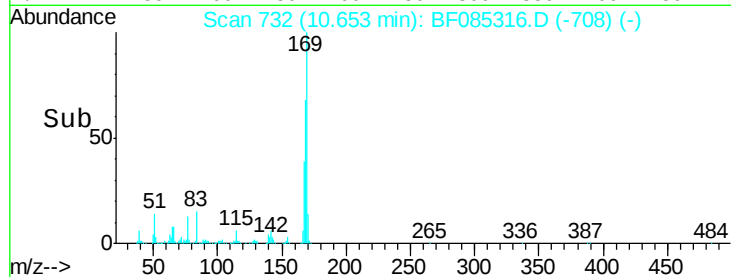
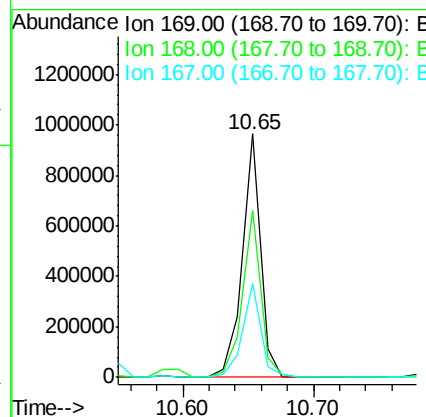
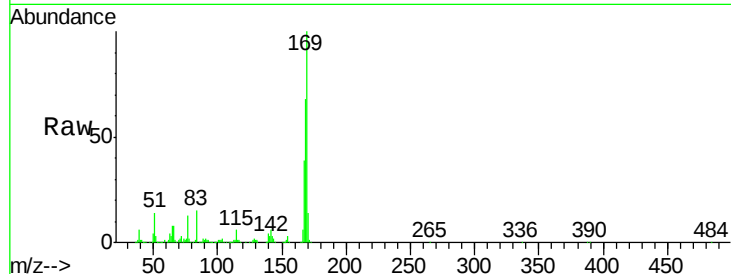
#65
n-Nitrosodiphenylamine
Concen: 46.34 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.8	82.2
167	38.5	30.3	45.5

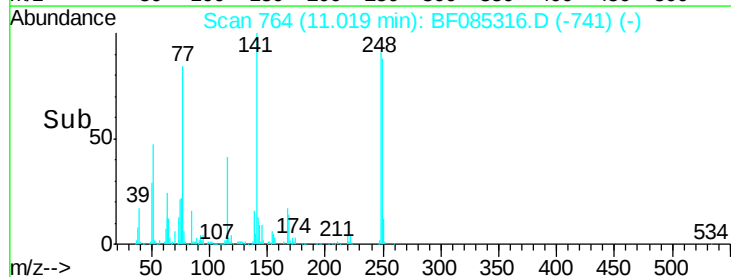
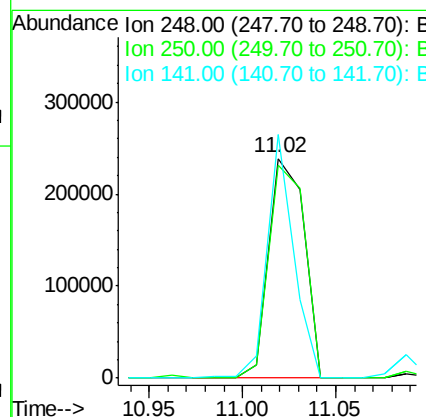
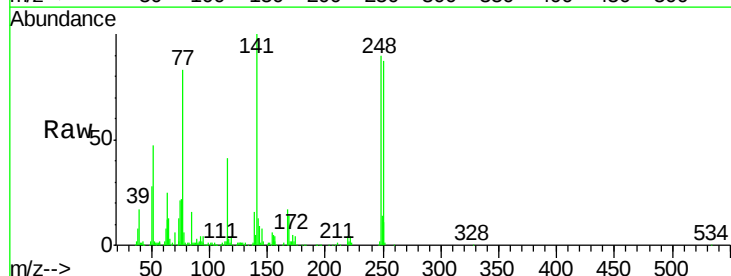
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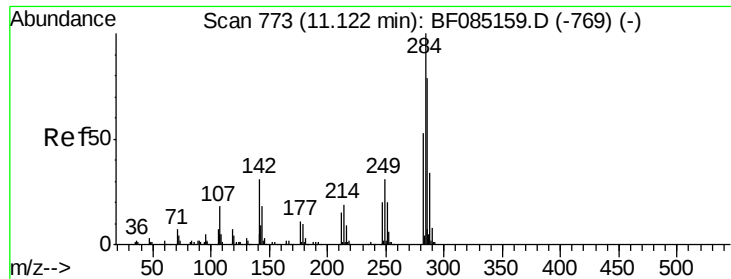
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#66
4-Bromophenyl-phenylether
Concen: 50.45 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.1	115.7
141	110.8	66.2	99.2#





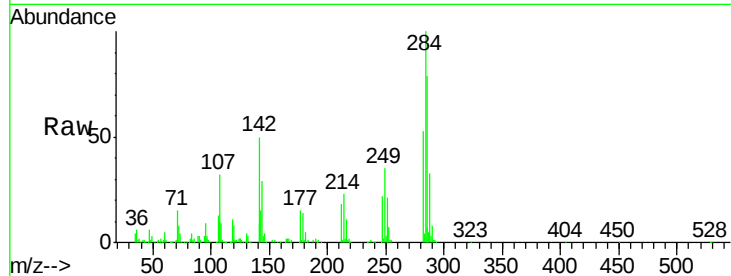
#67
Hexachlorobenzene
Concen: 48.07 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

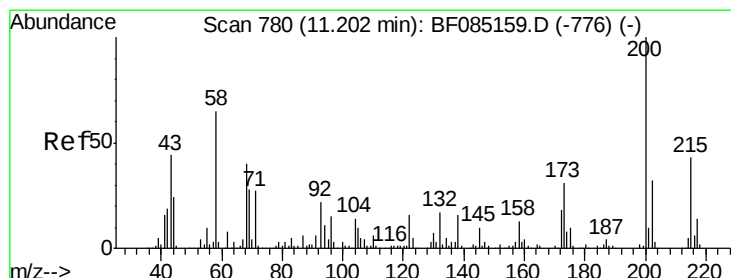
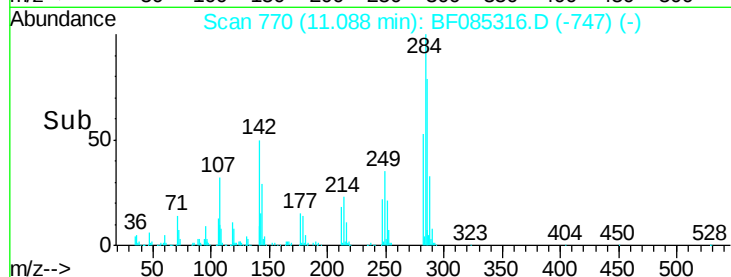
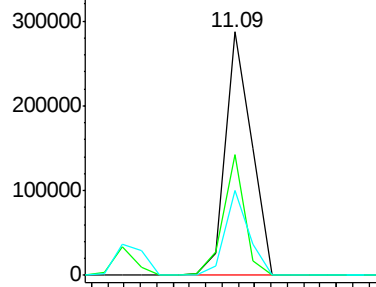
Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	49.8	24.9	37.3#
249	34.6	25.0	37.4

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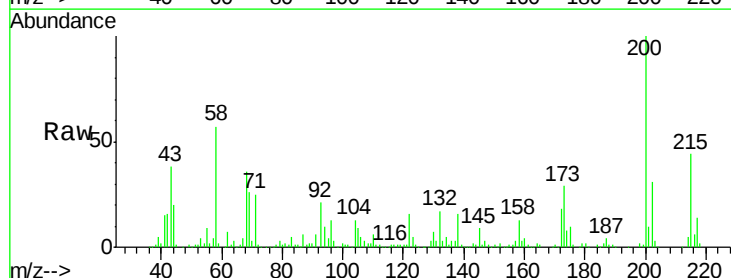


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

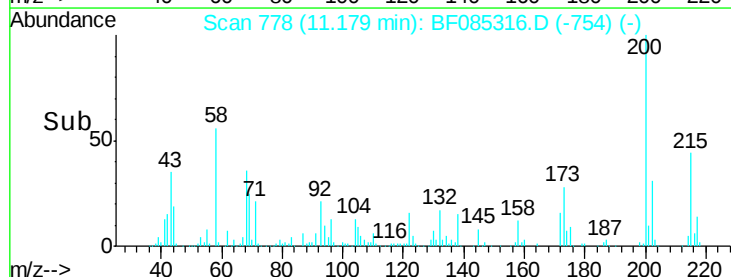
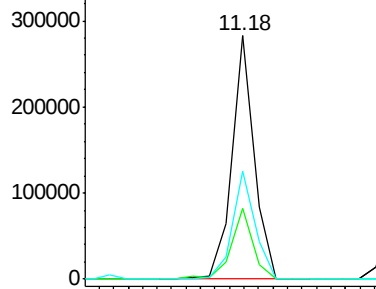


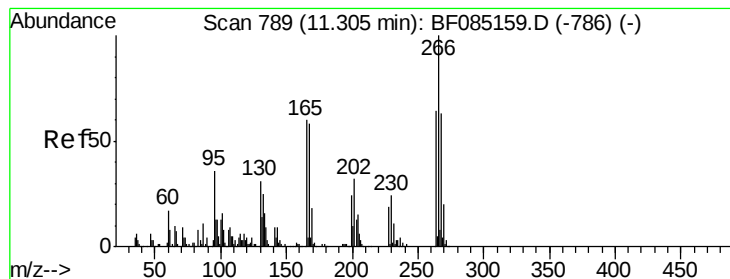
#68
Atrazine
Concen: 53.96 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.2	10.5	50.5
215	44.2	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: 89.66 ng

RT: 11.28 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

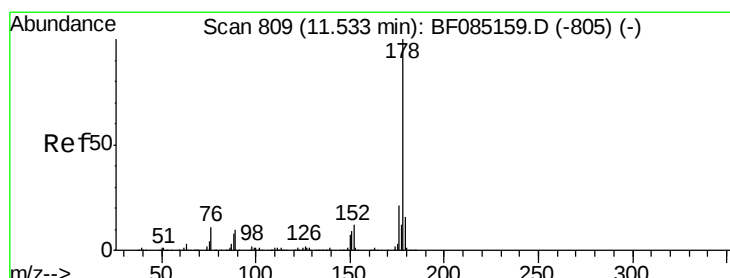
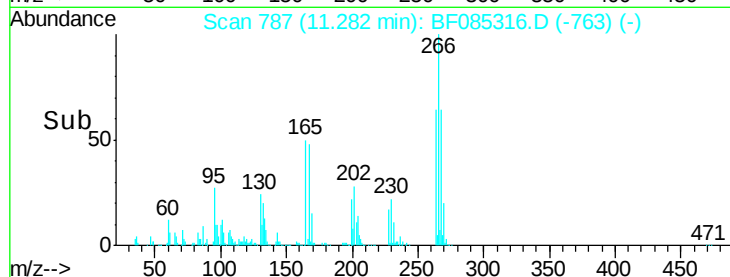
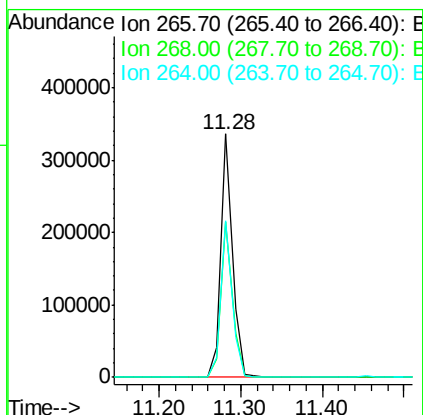
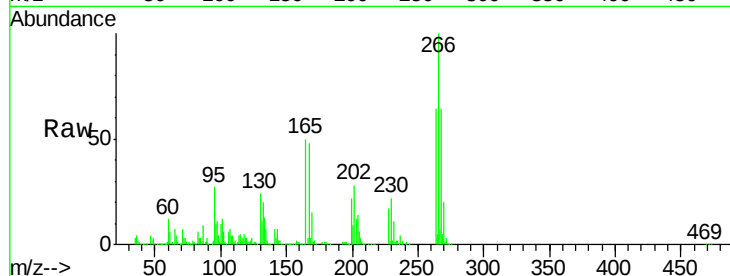
ClientSampleId :

UST-SW-SEMSD

Tgt Ion:	266	Resp:	331313
Ion Ratio		Lower	Upper
266	100		
268	63.7	50.0	75.0
264	64.2	51.4	77.2

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#70

Phenanthrene

Concen: 53.03 ng

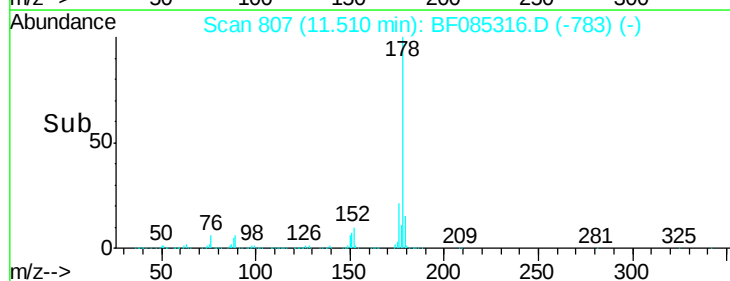
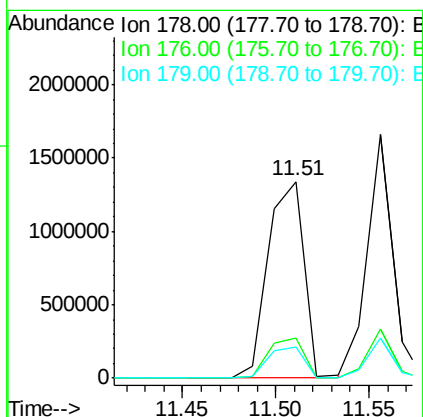
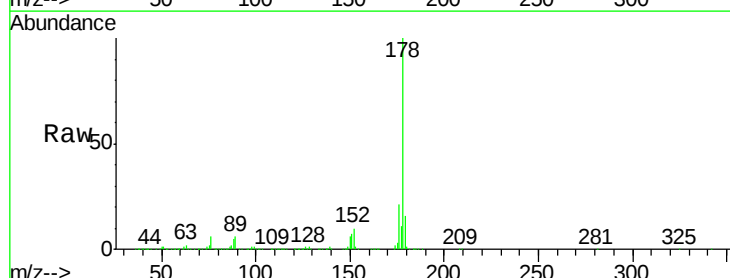
RT: 11.51 min Scan# 807

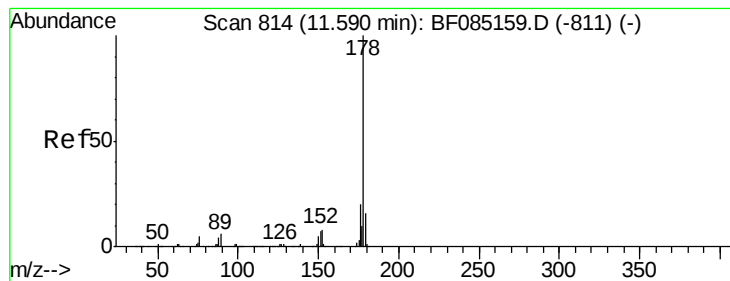
Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:	178	Resp:	1786042
Ion Ratio		Lower	Upper
178	100		
176	20.6	16.8	25.2
179	15.5	13.1	19.7





#71

Anthracene

Concen: 43.43 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF085316.D

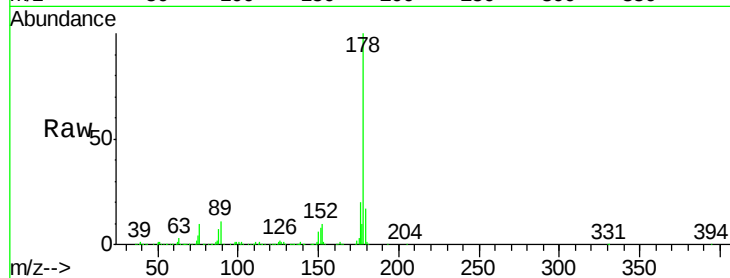
Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMSD



Tgt Ion:178 Resp: 1553015

Ion Ratio Lower Upper

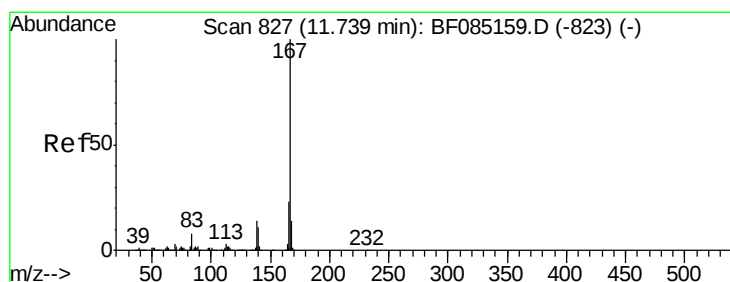
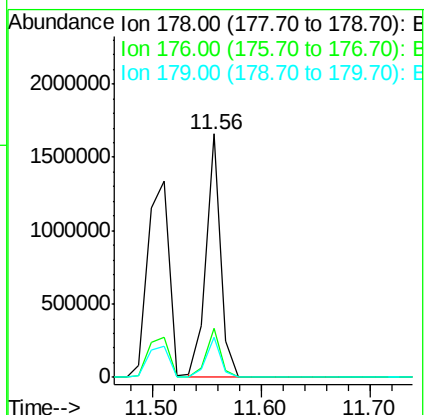
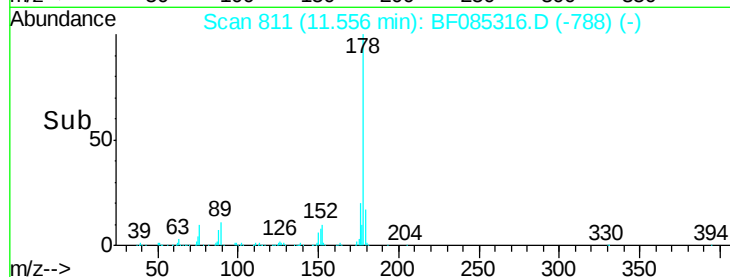
178 100

176 20.3 15.9 23.9

179 16.6 12.5 18.7

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#72

Carbazole

Concen: 49.14 ng

RT: 11.70 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

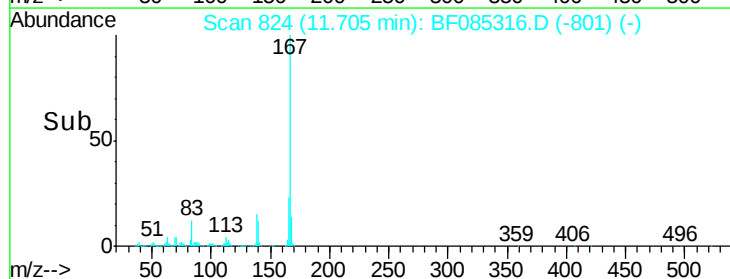
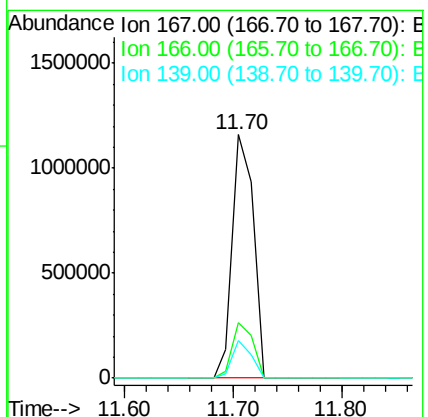
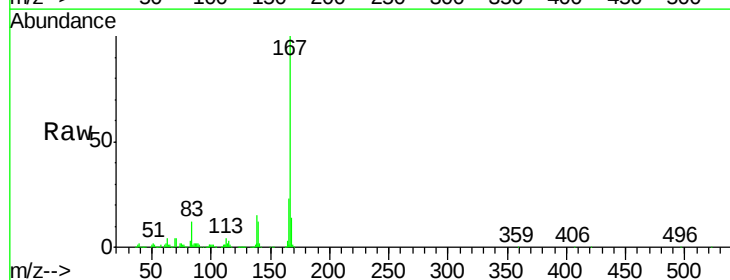
Tgt Ion:167 Resp: 1540748

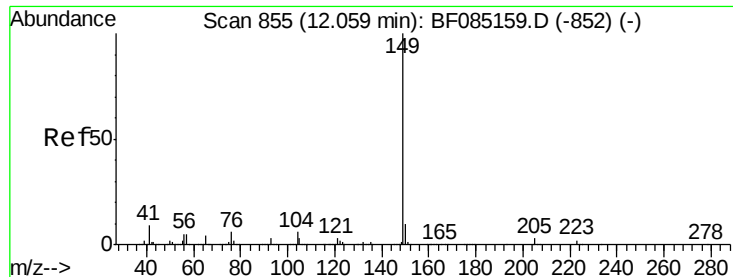
Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

139 15.2 11.4 17.0





#73

Di-n-butylphthalate

Concen: 42.38 ng

RT: 12.04 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMSD

Tgt Ion:149 Resp: 1679523

Ion Ratio Lower Upper

149 100

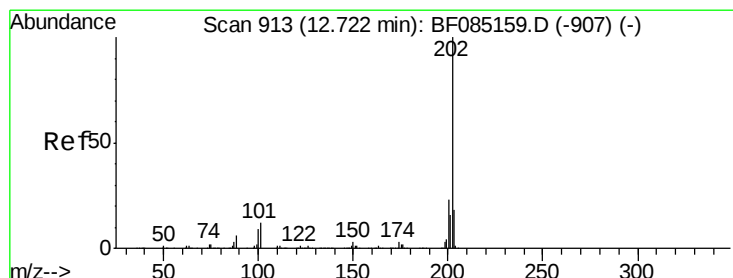
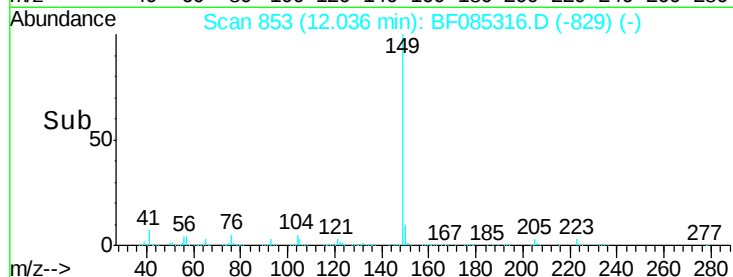
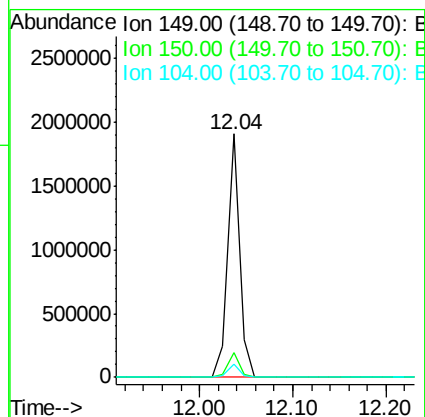
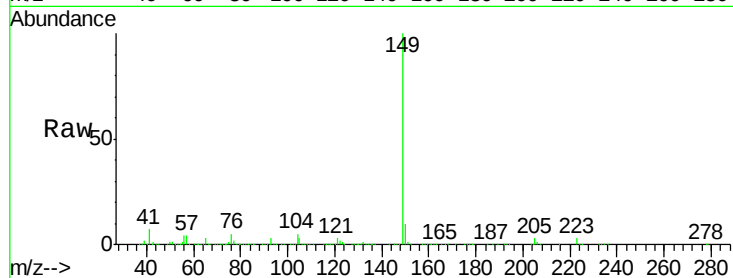
150 10.0 7.8 11.6

104 5.4 4.7 7.1

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#74

Fluoranthene

Concen: 48.29 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

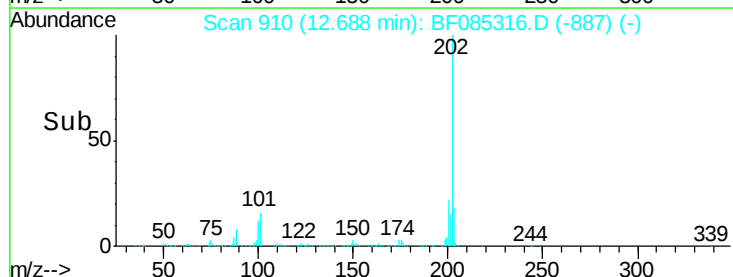
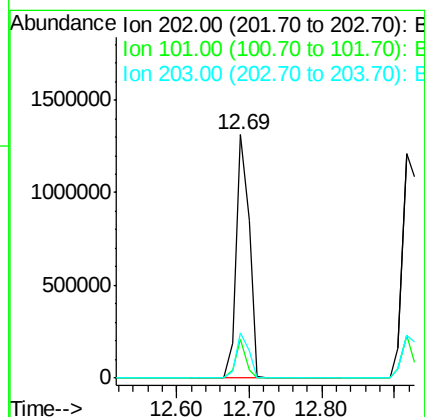
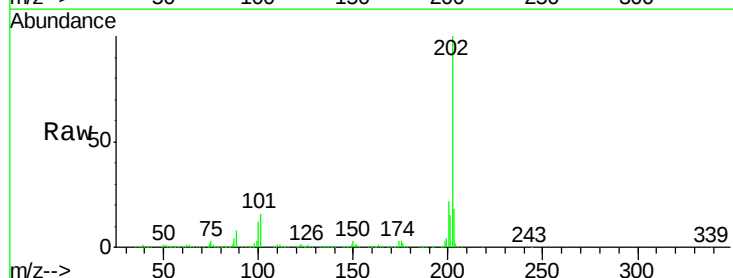
Tgt Ion:202 Resp: 1632436

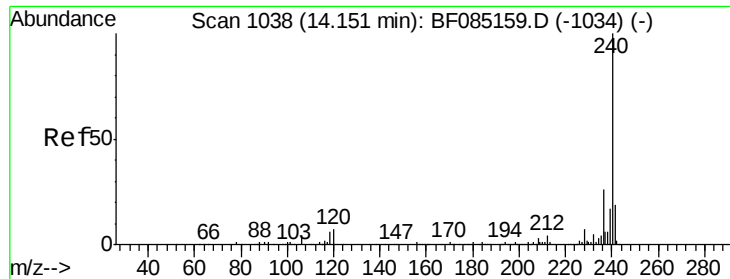
Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.8

203 18.5 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

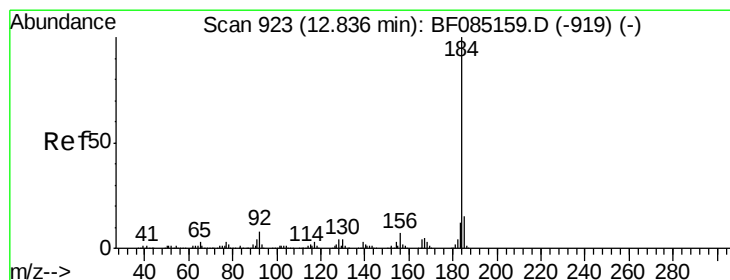
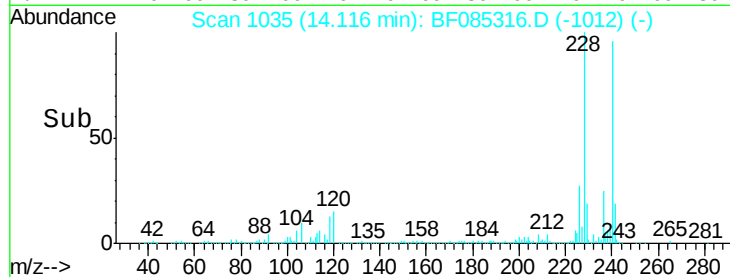
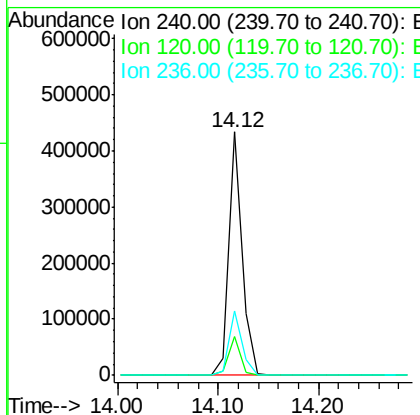
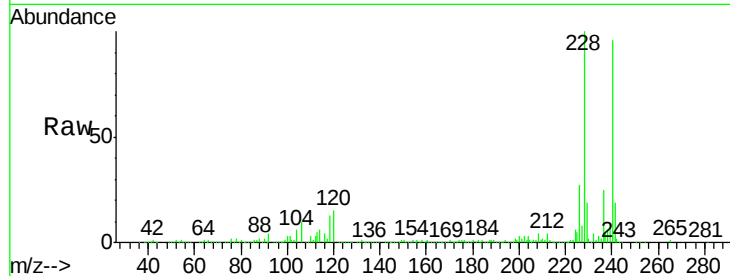
ClientSampleId :

UST-SW-SEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.8	5.3	7.9#	
236	26.4	20.7	31.1	

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#76

Benzidine

Concen: 48.95 ng

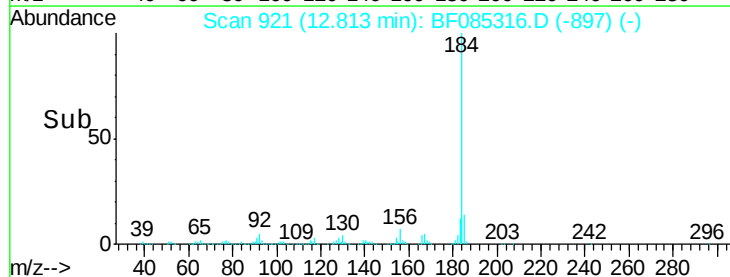
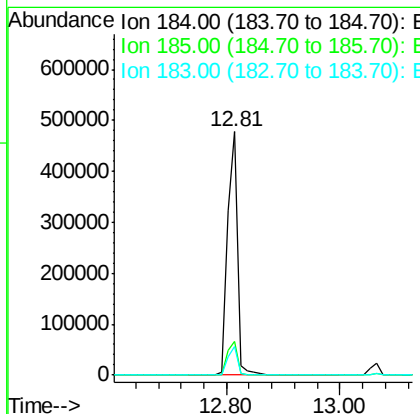
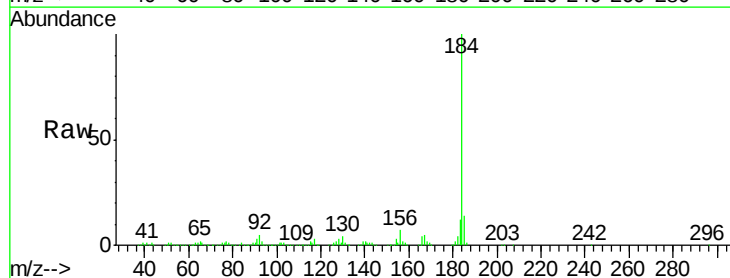
RT: 12.81 min Scan# 921

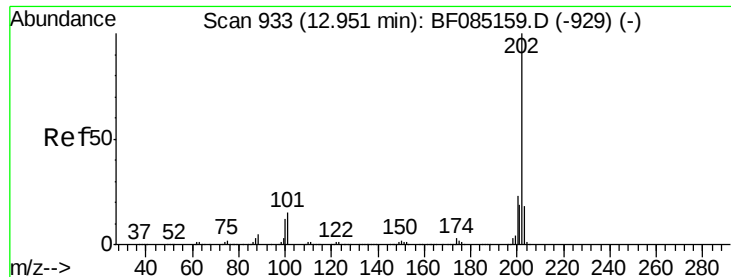
Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	12.4	18.6	
183	11.7	9.4	14.2	





#77

Pyrene

Concen: 56.47 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

UST-SW-SEMSD

Tgt Ion:202 Resp: 1702283

Ion Ratio Lower Upper

202 100

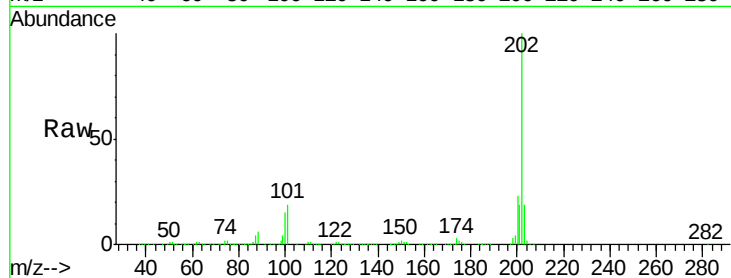
200 22.5 18.2 27.4

203 18.9 14.7 22.1

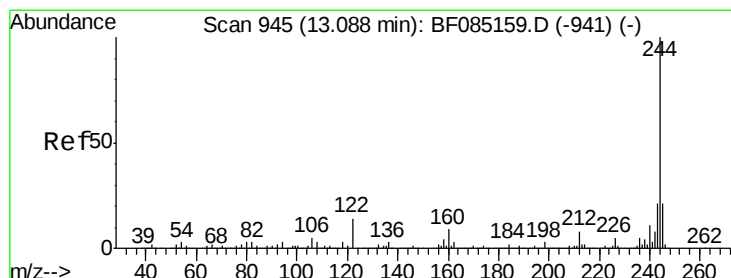
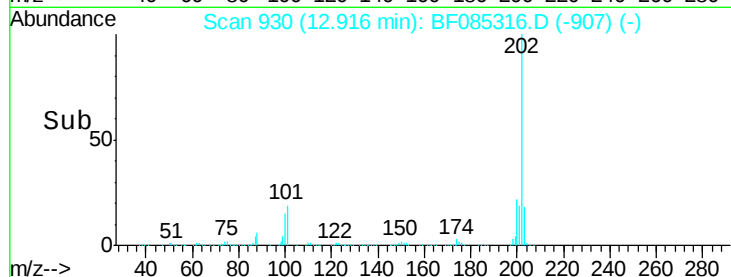
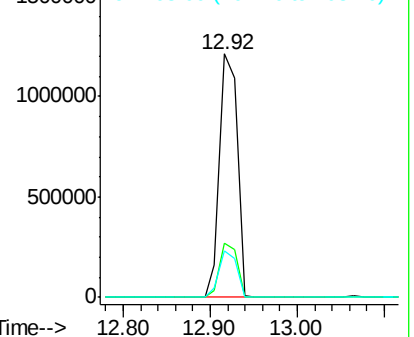
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.87 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

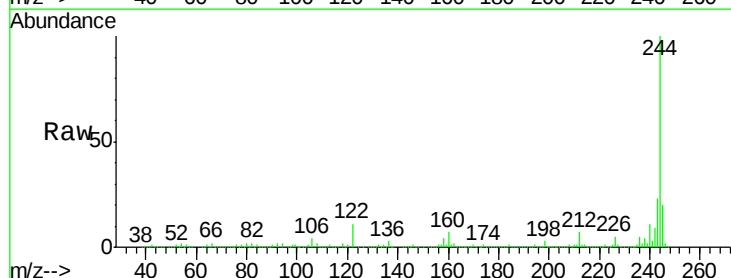
Tgt Ion:244 Resp: 1740230

Ion Ratio Lower Upper

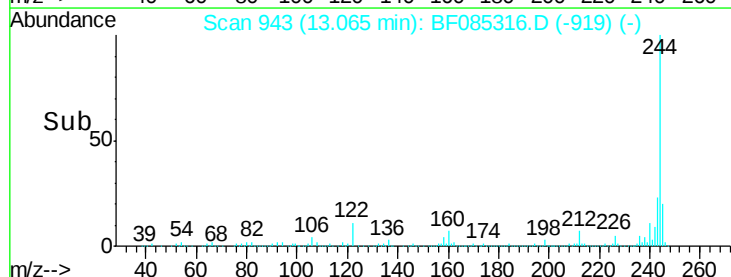
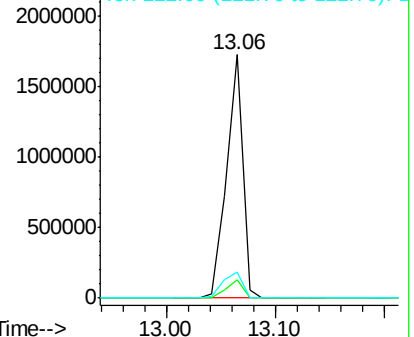
244 100

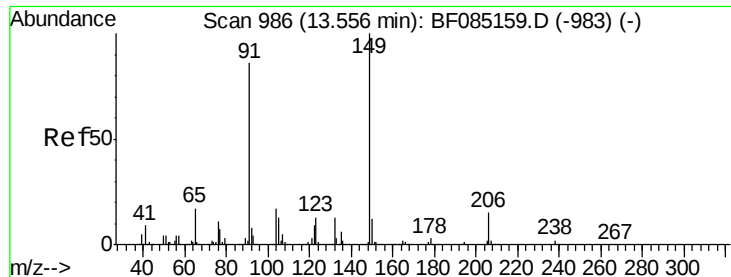
212 7.4 6.4 9.6

122 10.7 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





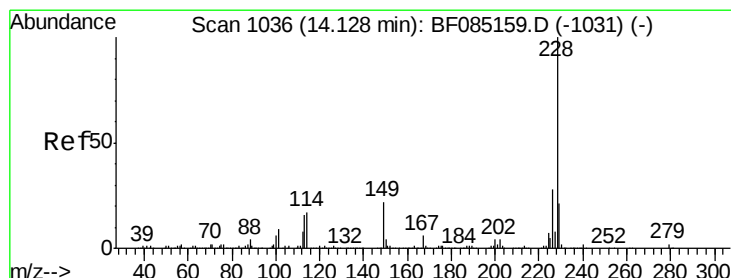
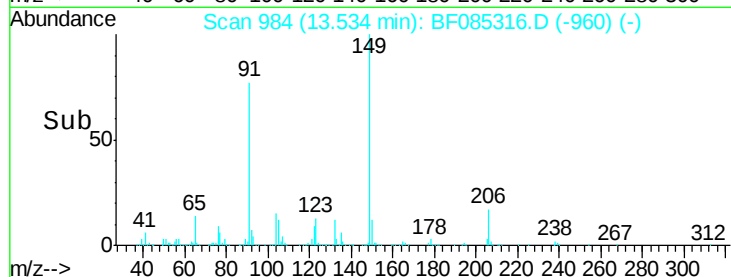
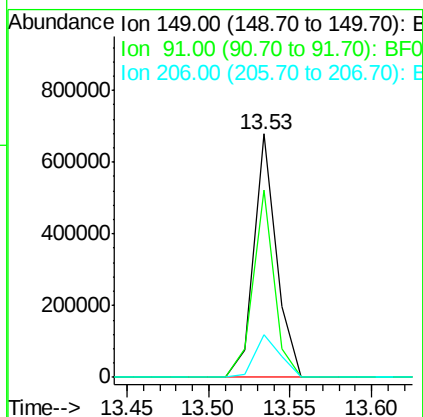
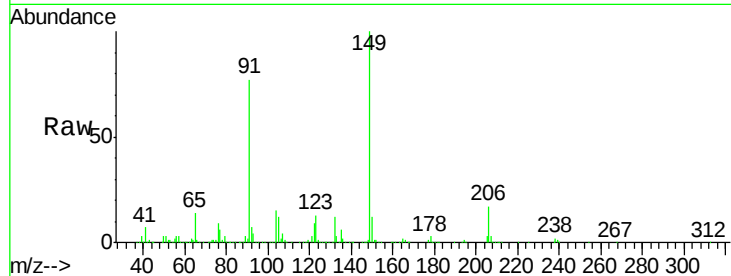
#79
Butylbenzylphthalate
Concen: 47.86 ng
RT: 13.53 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.9	69.0	103.4
206	17.4	12.3	18.5

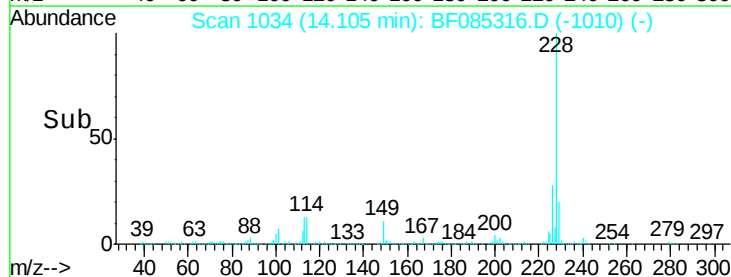
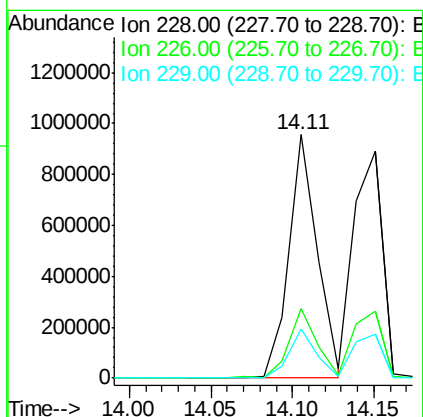
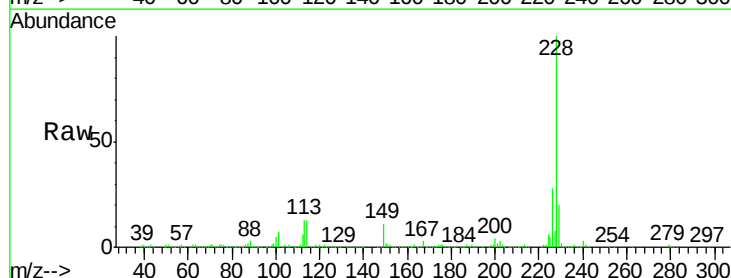
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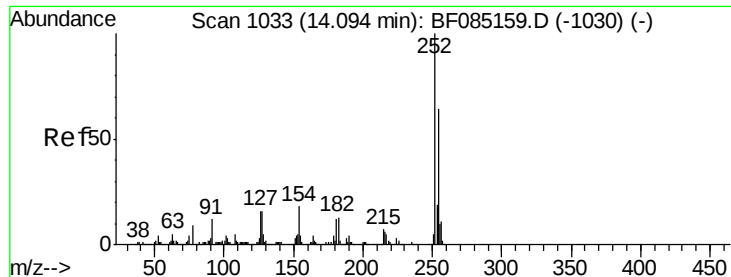
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#80
Benzo(a)anthracene
Concen: 48.47 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	20.2	16.6	24.8





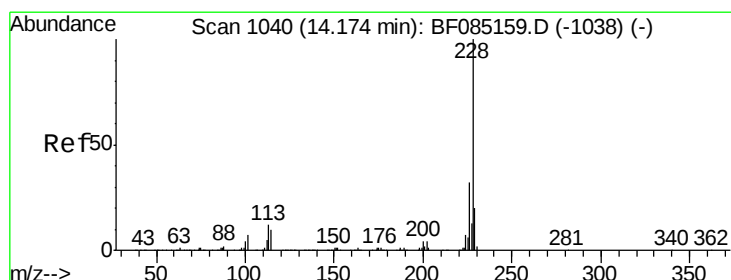
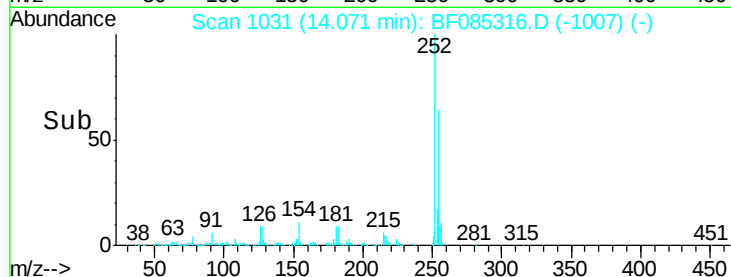
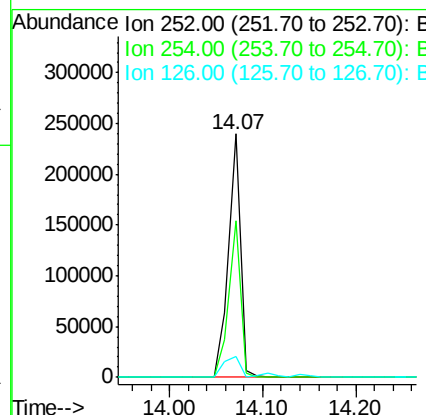
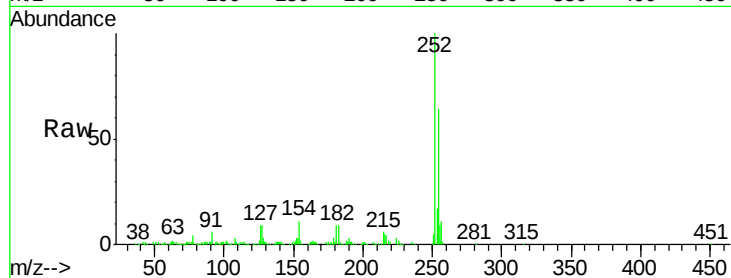
#81
 3,3'-Dichlorobenzidine
 Concen: 28.49 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	8.8	12.9	19.3#

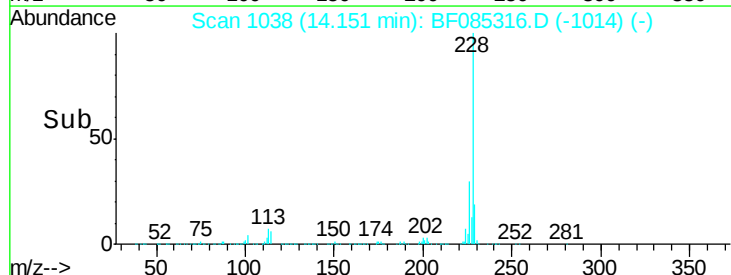
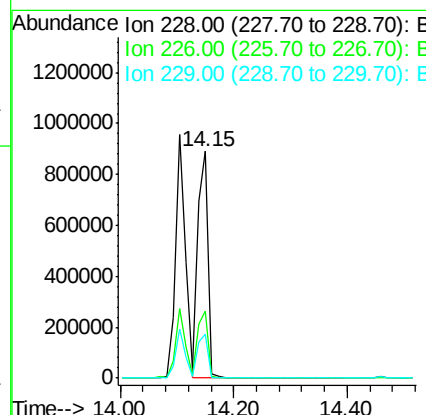
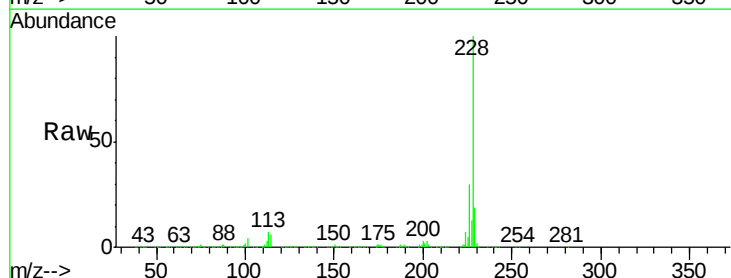
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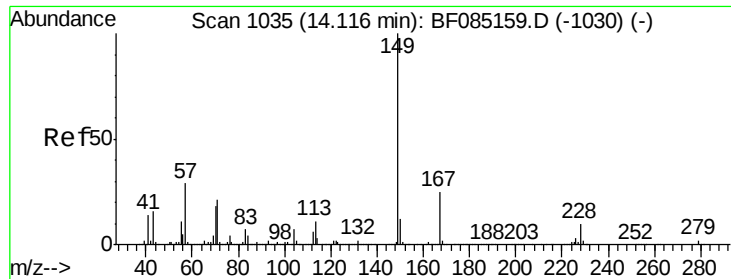
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#82
 Chrysene
 Concen: 50.48 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	19.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.58 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085316.D

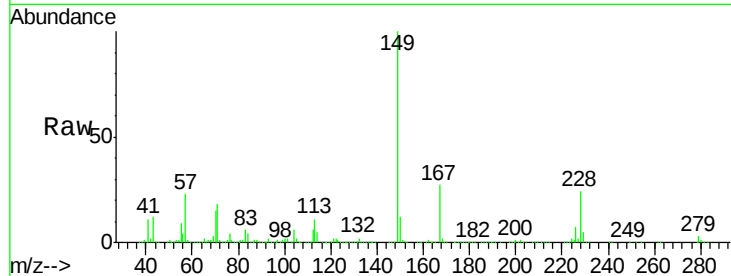
Acq: 9 Mar 2016 23:29

Instrument :

BNA_F

ClientSampleId :

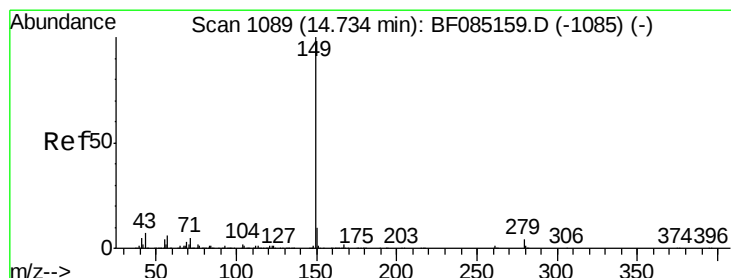
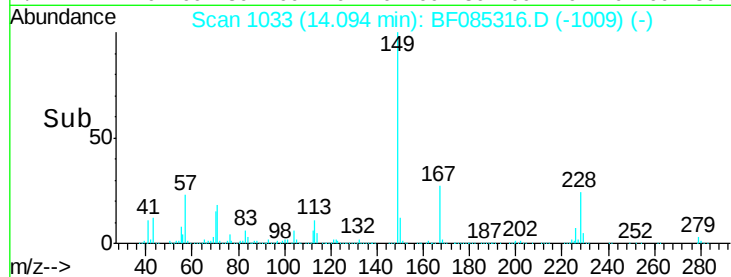
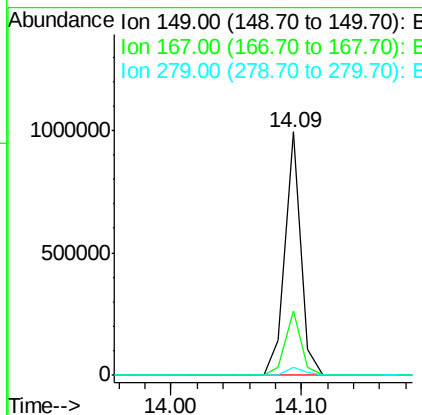
UST-SW-SEMSD



Tgt Ion:	149	Resp:	856393
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.3	30.5
279	3.2	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 49.63 ng

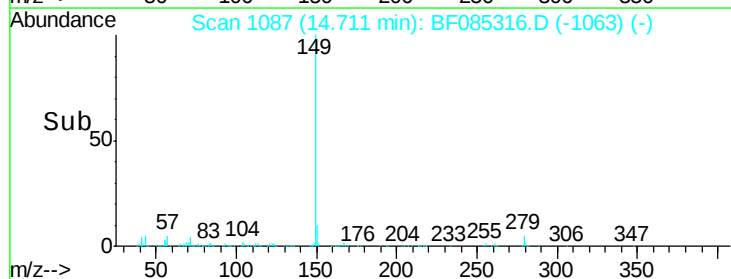
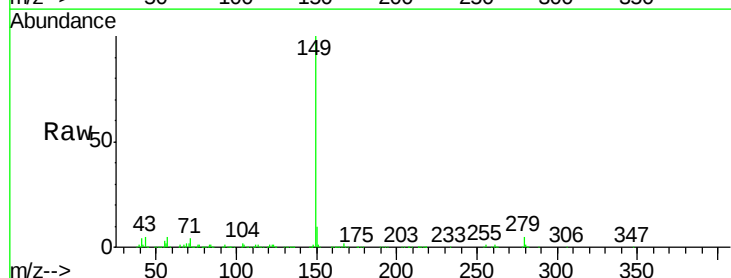
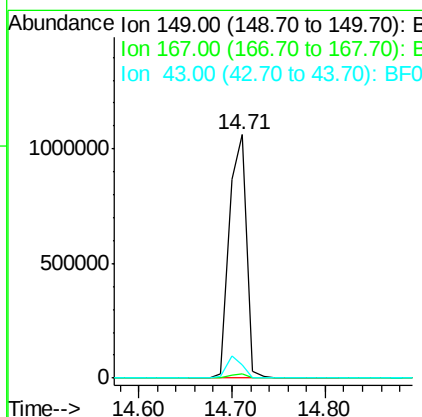
RT: 14.71 min Scan# 1087

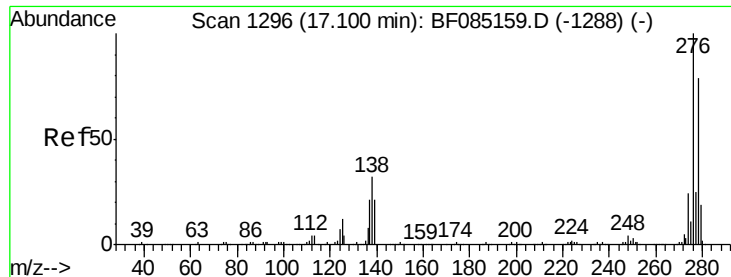
Delta R.T. -0.02 min

Lab File: BF085316.D

Acq: 9 Mar 2016 23:29

Tgt Ion:	149	Resp:	1360311
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	7.8	7.8	11.8#





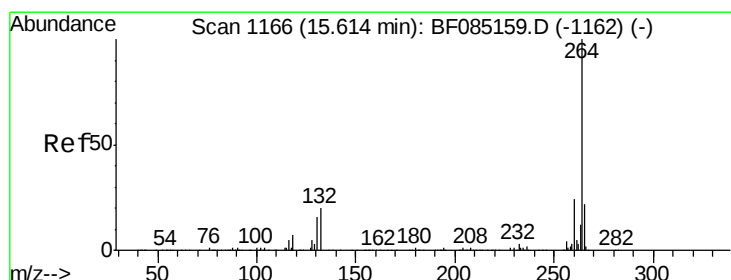
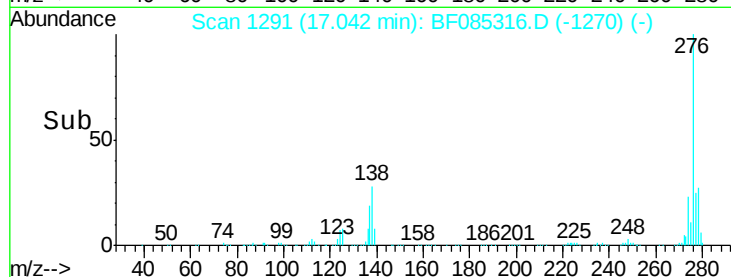
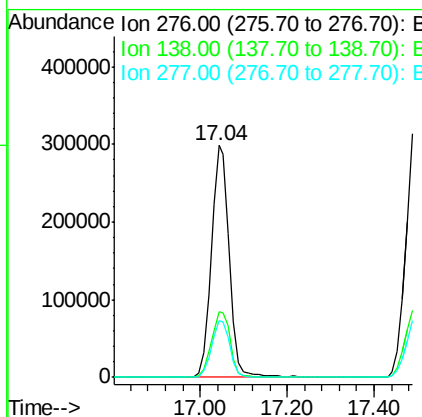
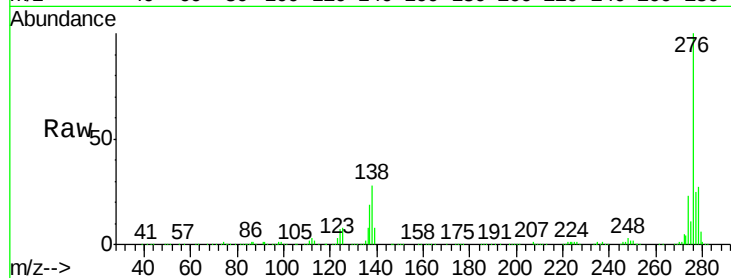
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.20 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.2	20.2	30.2

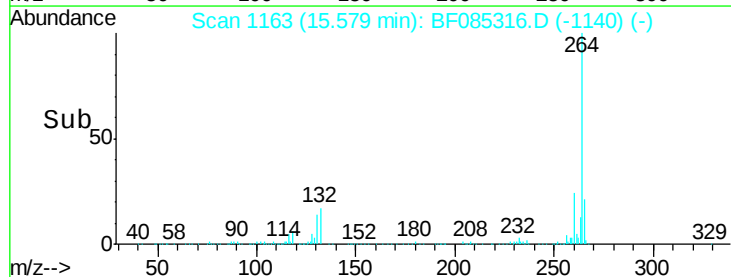
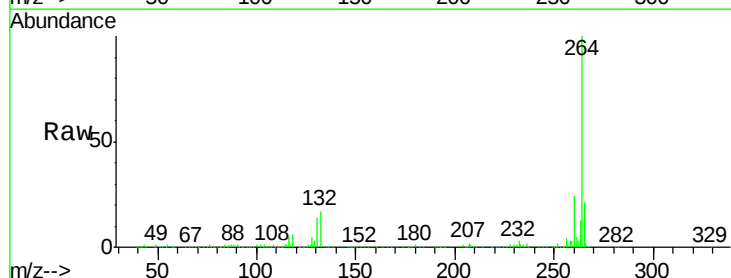
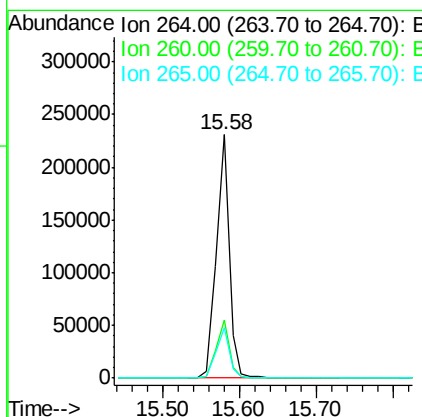
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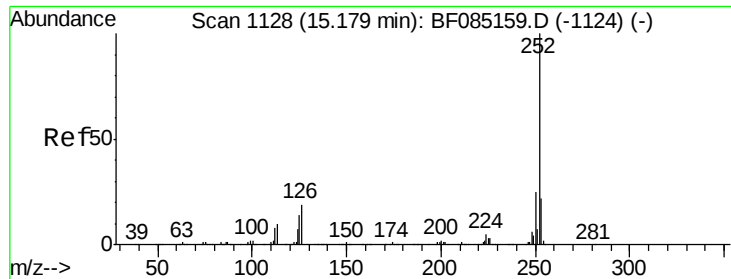
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	17.3	25.9





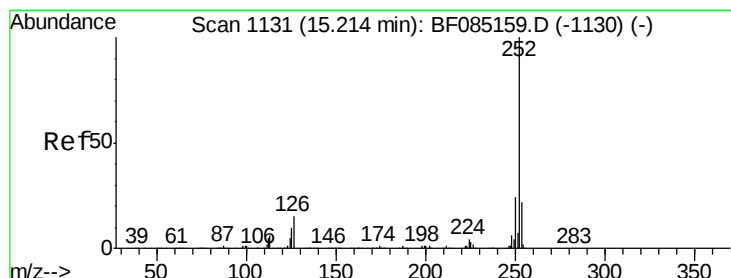
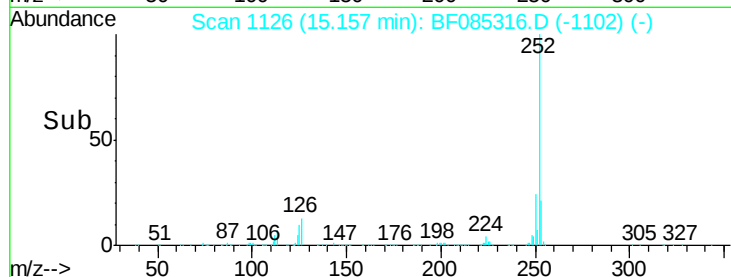
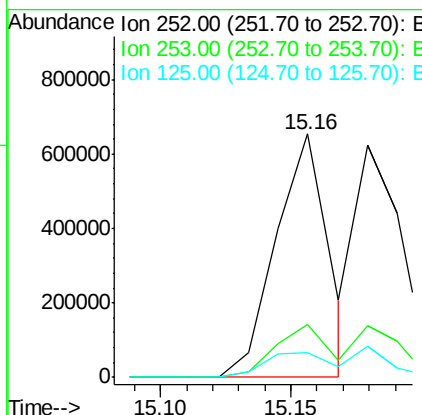
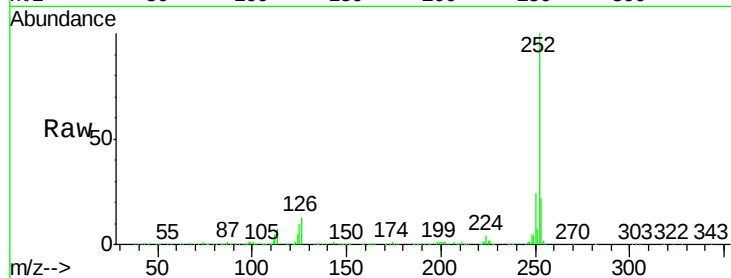
#87
Benzo(b)fluoranthene
Concen: 50.66 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	10.0	11.3	16.9

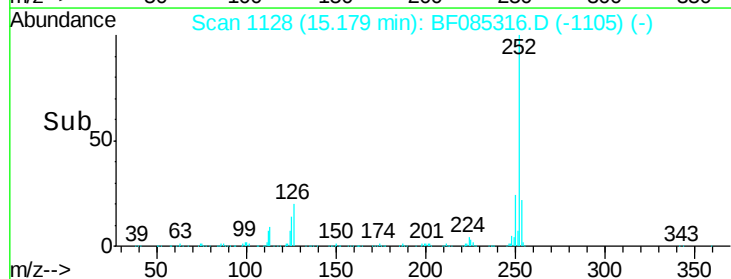
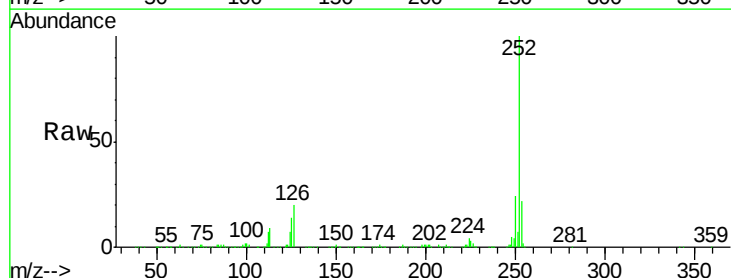
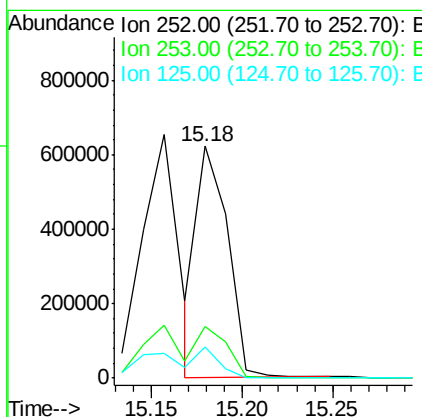
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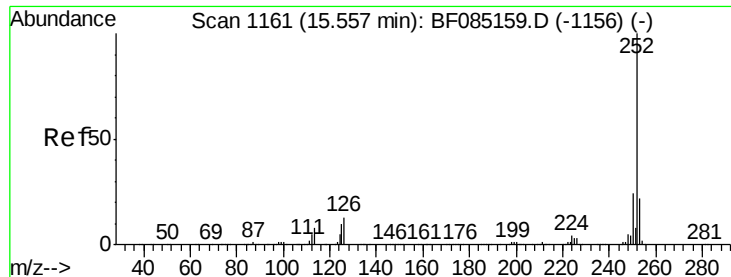
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#88
Benzo(k)fluoranthene
Concen: 51.84 ng m
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.7	10.4	15.6





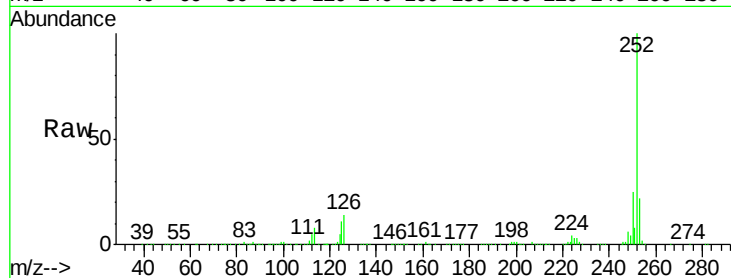
#89
Benzo(a)pyrene
Concen: 51.56 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Instrument :
BNA_F
ClientSampleId :
UST-SW-SEMSD

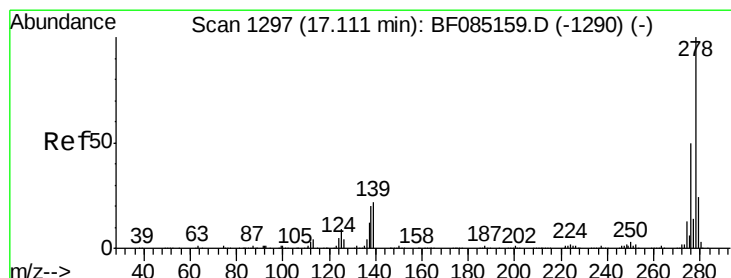
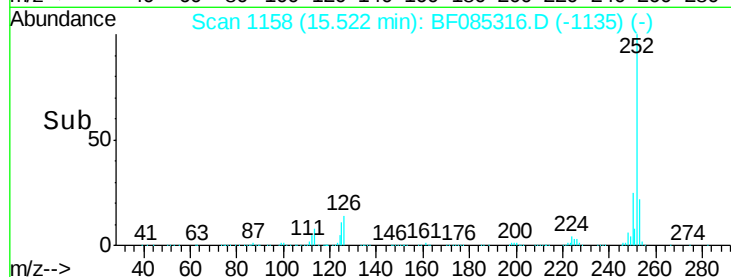
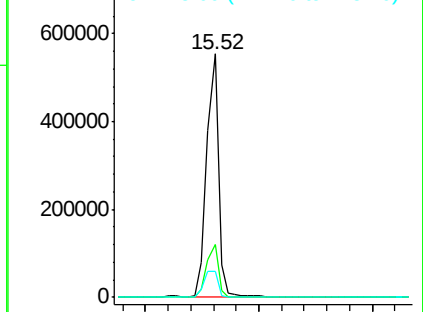
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.9	8.2	12.4

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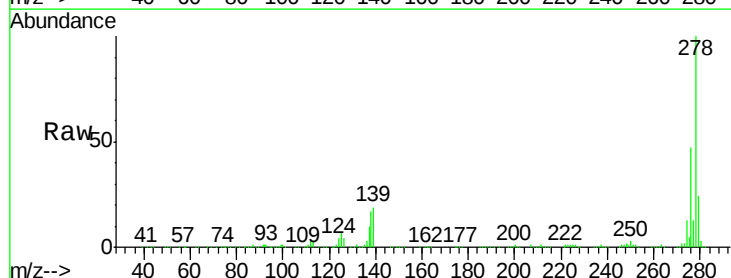


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

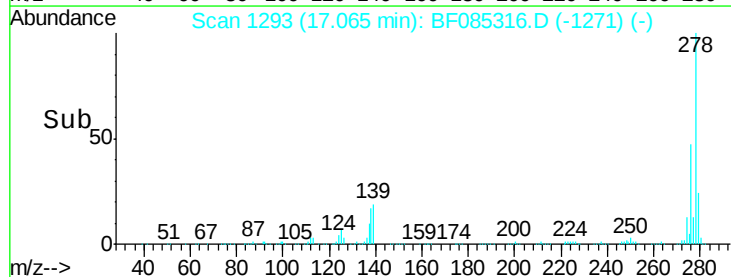
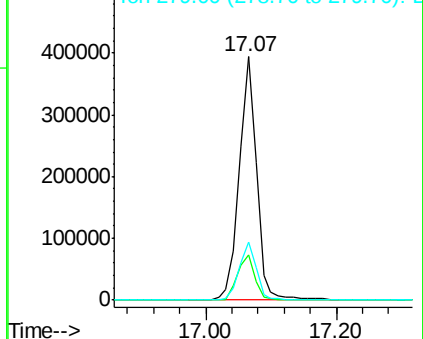


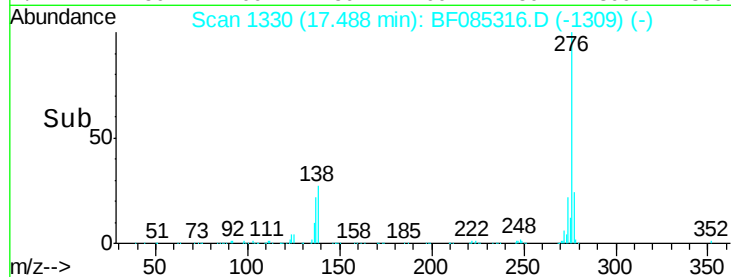
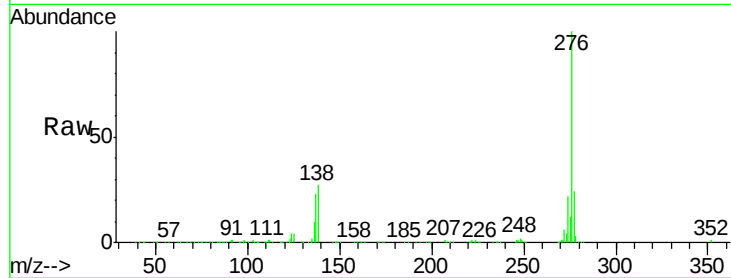
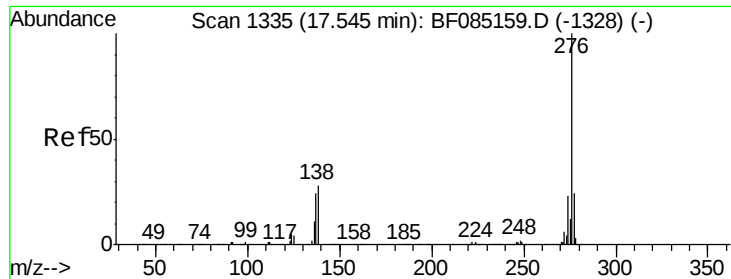
#90
Dibenzo(a,h)anthracene
Concen: 56.50 ng
RT: 17.07 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF085316.D
Acq: 9 Mar 2016 23:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	17.3	25.9
279	24.1	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: 57.71 ng
 RT: 17.49 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF085316.D
 Acq: 9 Mar 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.0	28.4
138	27.3	22.5	33.7

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 11:17:20 AM

