

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085642.D
 Acq On : 22 Mar 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 22 02:43:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	180832	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	678249	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	296661	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	447841	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	344151	20.00	ng	-0.01
86) Perylene-d12	15.42	264	345450	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	891405	82.80	ng	-0.01
7) Phenol-d6	6.48	99	1027744	74.43	ng	-0.01
23) Nitrobenzene-d5	7.42	82	934764	80.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	217615	74.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1552980	90.87	ng	-0.01
78) Terphenyl-d14	12.95	244	1067995	74.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	211619	40.44	ng	100
3) Pyridine	3.14	79	569431	44.31	ng	98
4) n-Nitrosodimethylamine	3.11	42	207754	38.73	ng	99
6) Aniline	6.50	93	722410	38.95	ng	# 80
8) 2-Chlorophenol	6.63	128	485626	38.99	ng	97
9) Benzaldehyde	6.39	77	265967	41.35	ng	100
10) Phenol	6.49	94	535244	34.03	ng	85
11) bis(2-Chloroethyl)ether	6.58	93	446200	37.63	ng	98
12) 1,3-Dichlorobenzene	6.79	146	547212	40.32	ng	100
13) 1,4-Dichlorobenzene	6.86	146	515169	37.21	ng	99
14) 1,2-Dichlorobenzene	7.02	146	489519	39.83	ng	99
15) Benzyl Alcohol	7.00	79	366485	38.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	615263	39.46	ng	95
17) 2-Methylphenol	7.11	107	418461	40.53	ng	99
18) Hexachloroethane	7.36	117	195235	39.06	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	296626	35.96	ng	94
20) 3+4-Methylphenols	7.26	107	412154	34.47	ng	94
22) Acetophenone	7.26	105	605407	37.61	ng	# 100
24) Nitrobenzene	7.43	77	491259	38.41	ng	97
25) Isophorone	7.67	82	957638	40.94	ng	100
26) 2-Nitrophenol	7.75	139	278269	44.02	ng	98
27) 2,4-Dimethylphenol	7.80	122	453814	40.60	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	572712	43.04	ng	99
29) 2,4-Dichlorophenol	7.99	162	347545	37.65	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	400801	38.76	ng	99
31) Naphthalene	8.15	128	1218199	35.58	ng	100
32) Benzoic acid	7.93	122	259164	27.73	ng	86
33) 4-Chloroaniline	8.21	127	567906	40.47	ng	99
34) Hexachlorobutadiene	8.28	225	223430	40.55	ng	99
35) Caprolactam	8.60	113	125042	39.37	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	378893	35.14	ng	96
37) 2-Methylnaphthalene	8.85	142	844765	40.48	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	348297	38.70	ng	99
40) Hexachlorocyclopentadiene	9.00	237	69236	17.07	ng	98

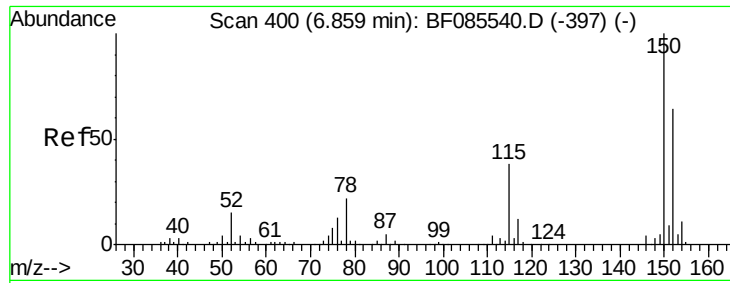
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	234255	38.03	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	255420	40.74	ng	96
45) 1,1'-Biphenyl	9.30	154	959333	37.49	ng	98
46) 2-Chloronaphthalene	9.34	162	770890	41.24	ng	98
47) 2-Nitroaniline	9.43	65	233539	41.30	ng	100
48) Acenaphthylene	9.75	152	1212131	40.07	ng	100
49) Dimethylphthalate	9.61	163	879041	39.27	ng	100
50) 2,6-Dinitrotoluene	9.67	165	176804	37.41	ng	95
51) Acenaphthene	9.92	154	728850	38.39	ng	99
52) 3-Nitroaniline	9.84	138	204244	34.51	ng	100
53) 2,4-Dinitrophenol	9.94	184	35312	12.20	ng	91
54) Dibenzofuran	10.09	168	918287	39.72	ng	96
55) 4-Nitrophenol	10.00	139	135995	29.73	ng	94
56) 2,4-Dinitrotoluene	10.08	165	244331	39.49	ng	94
57) Fluorene	10.44	166	737068	38.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	158842	35.19	ng	98
59) Diethylphthalate	10.31	149	899352	40.41	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	363255	38.61	ng	92
61) 4-Nitroaniline	10.46	138	215468	36.93	ng	96
62) Azobenzene	10.58	77	814000	38.11	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	63111	22.02	ng	99
65) n-Nitrosodiphenylamine	10.54	169	637625	45.71	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	225196	50.34	ng	# 91
67) Hexachlorobenzene	10.98	284	215957	45.44	ng	# 89
68) Atrazine	11.08	200	182600	42.99	ng	94
69) Pentachlorophenol	11.17	266	100060	34.67	ng	99
70) Phenanthrene	11.40	178	966875	40.95	ng	99
71) Anthracene	11.44	178	923748	37.31	ng	100
72) Carbazole	11.60	167	821753	38.47	ng	97
73) Di-n-butylphthalate	11.93	149	1158530	43.31	ng	98
74) Fluoranthene	12.57	202	795294	32.17	ng	97
76) Benzidine	12.70	184	378579	32.71	ng	98
77) Pyrene	12.80	202	798071	32.30	ng	99
79) Butylbenzylphthalate	13.42	149	385801	32.75	ng	# 76
80) Benzo(a)anthracene	13.99	228	759959	38.04	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	299555	40.91	ng	# 96
82) Chrysene	14.03	228	639545	33.27	ng	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	501675	34.28	ng	# 98
84) Di-n-octyl phthalate	14.60	149	985019	41.31	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	789124	49.13	ng	99
87) Benzo(b)fluoranthene	15.02	252	829209	36.79	ng	# 97
88) Benzo(k)fluoranthene	15.02	252	829209	44.65	ng	100
89) Benzo(a)pyrene	15.36	252	776335	40.63	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	676095	42.42	ng	99
91) Benzo(g,h,i)perylene	17.24	276	607315	39.37	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

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BNA_F

ClientSampleId :

SSTDCCC040

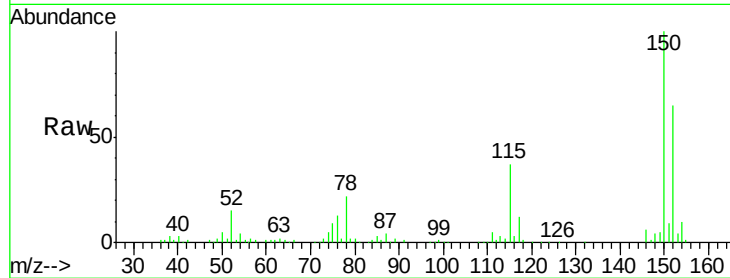
Tgt Ion:152 Resp: 180832

Ion Ratio Lower Upper

152 100

150 153.7 124.2 186.2

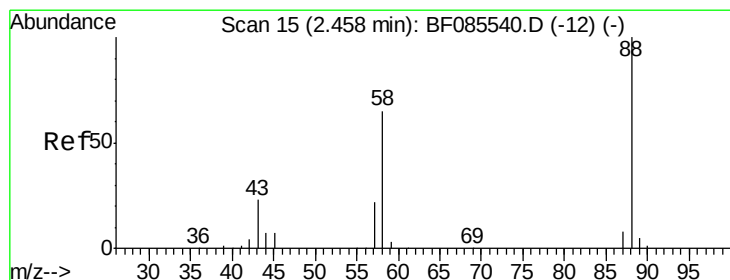
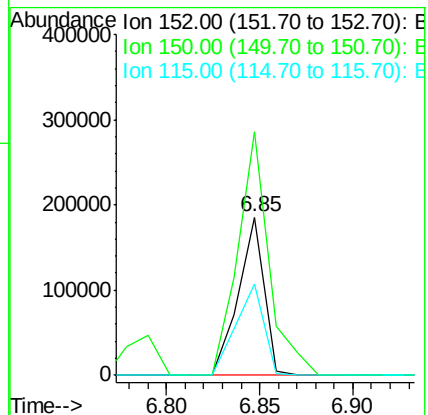
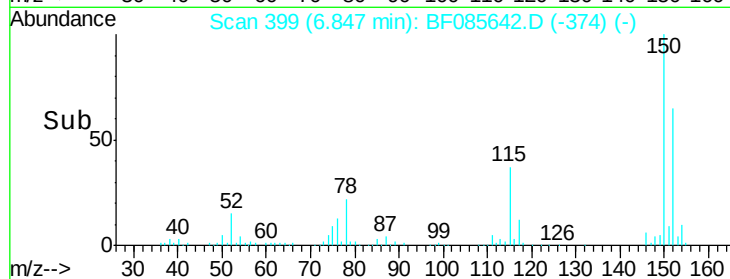
115 57.4 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.44 ng

RT: 2.42 min Scan# 12

Delta R.T. -0.03 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

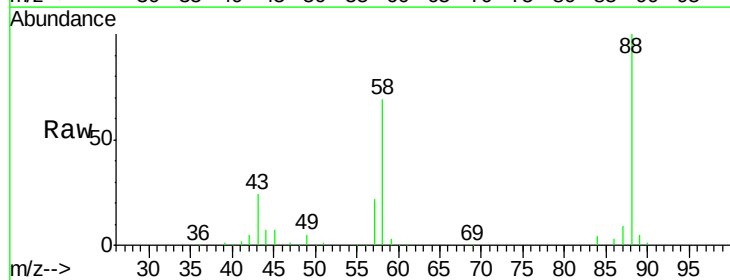
Tgt Ion: 88 Resp: 211619

Ion Ratio Lower Upper

88 100

58 67.7 54.2 81.2

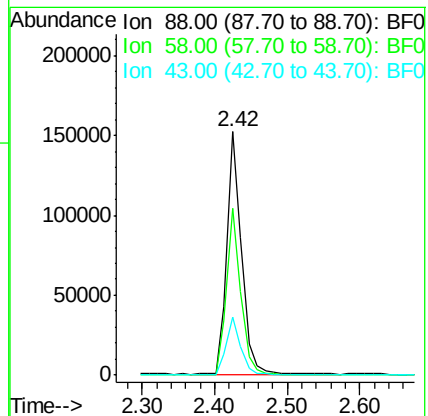
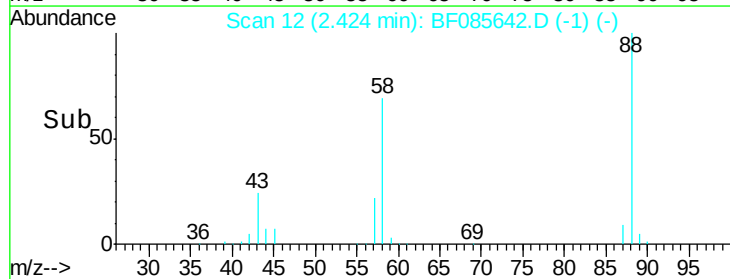
43 24.3 19.3 28.9

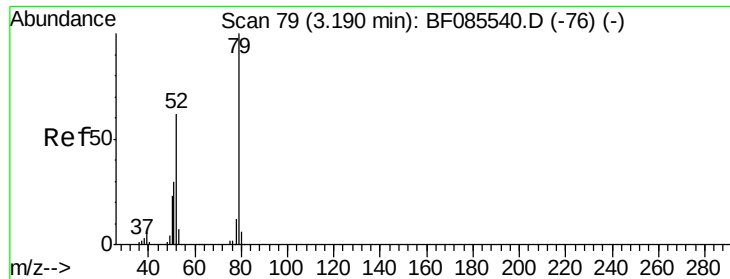


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.31 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.05 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

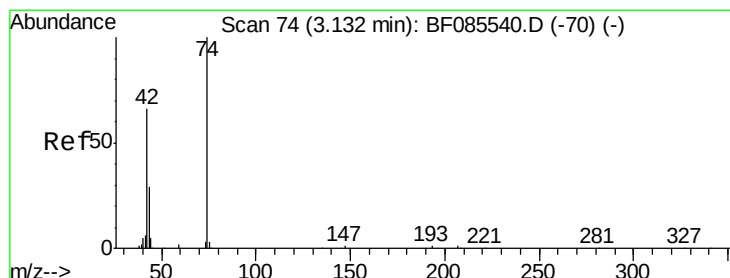
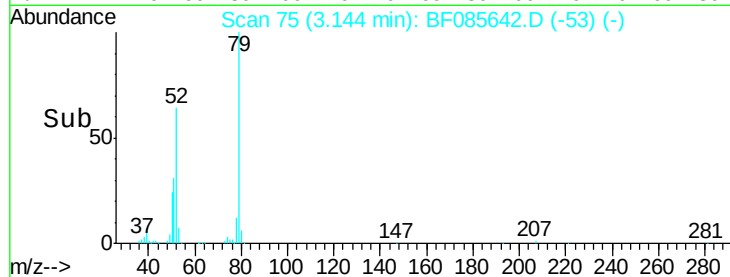
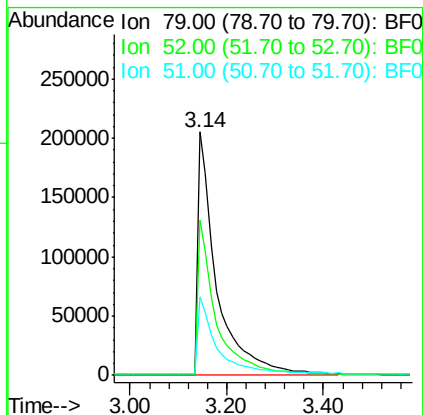
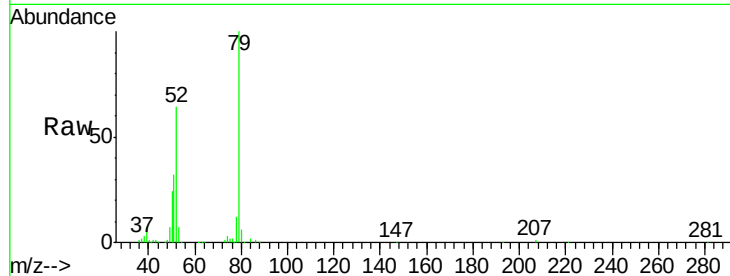
Tgt Ion: 79 Resp: 569431

Ion Ratio Lower Upper

79 100

52 63.9 49.8 74.6

51 32.0 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 38.73 ng

RT: 3.11 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

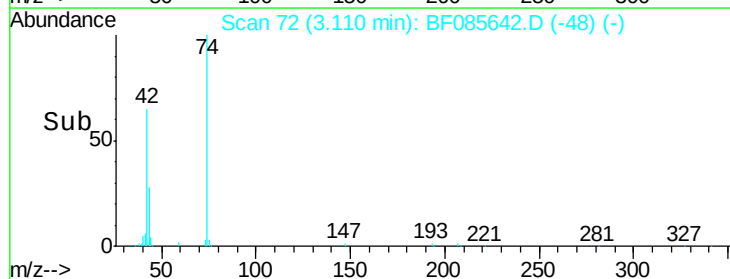
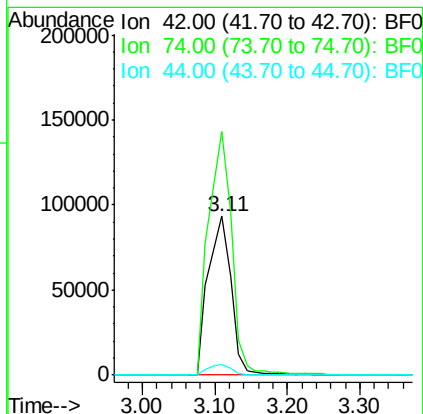
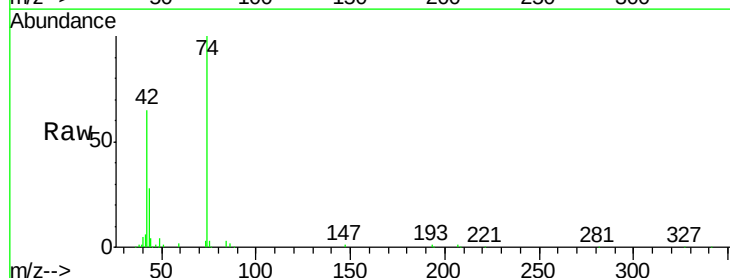
Tgt Ion: 42 Resp: 207754

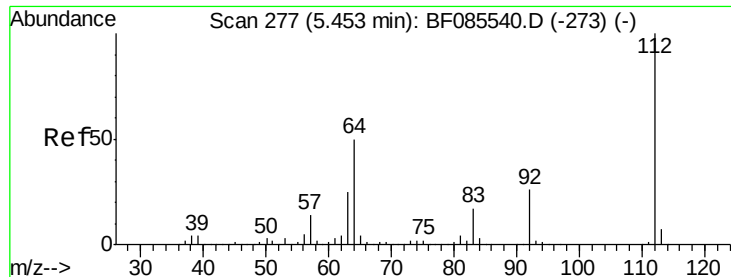
Ion Ratio Lower Upper

42 100

74 153.2 121.4 182.2

44 6.3 5.6 8.4





#5

2-Fluorophenol

Concen: 82.80 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

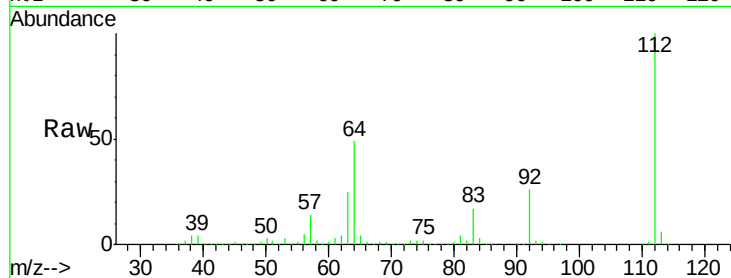
Tgt Ion: 112 Resp: 891405

Ion Ratio Lower Upper

112 100

64 48.8 39.9 59.9

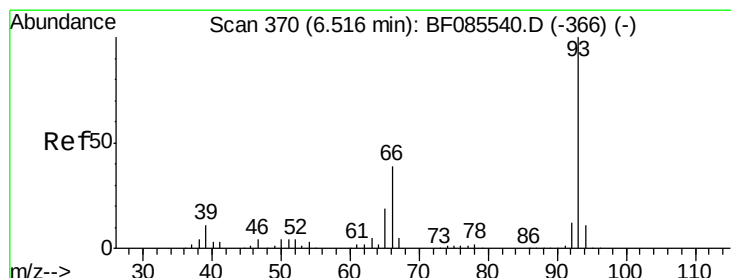
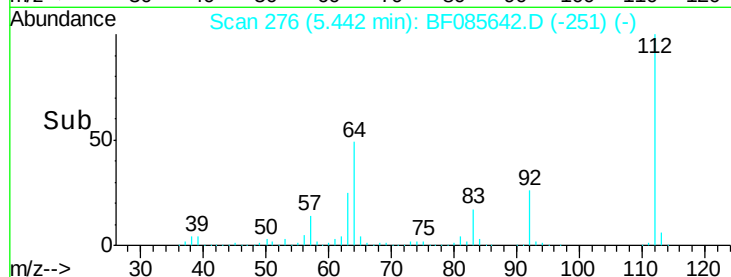
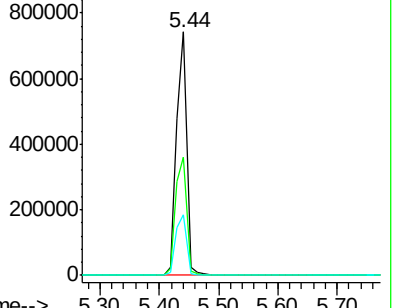
63 24.8 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.95 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

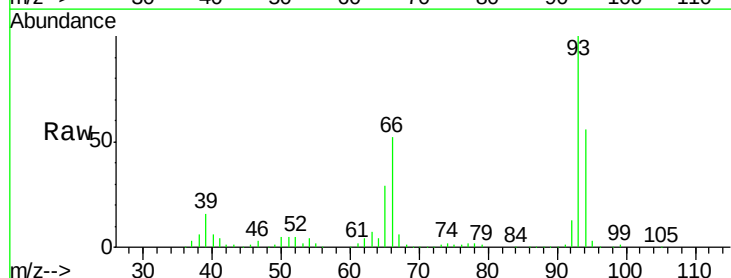
Tgt Ion: 93 Resp: 722410

Ion Ratio Lower Upper

93 100

66 52.0 31.4 47.2#

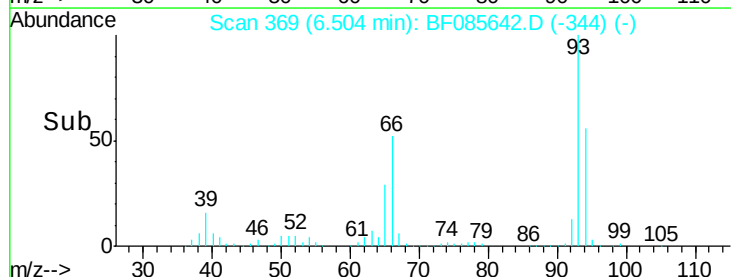
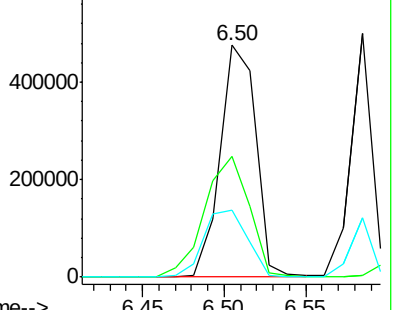
65 28.7 15.7 23.5#

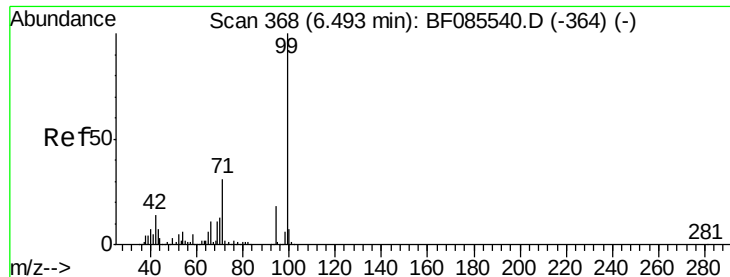


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.43 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

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ClientSampleId :

SSTDCCC040

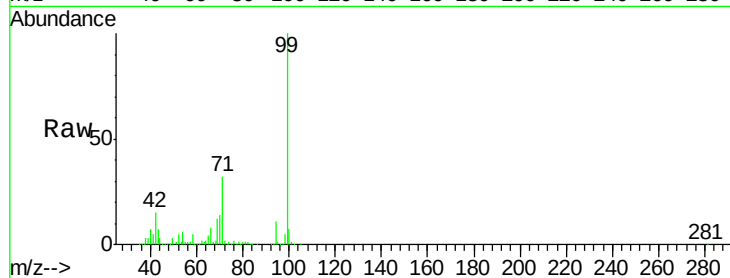
Tgt Ion: 99 Resp: 1027744

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

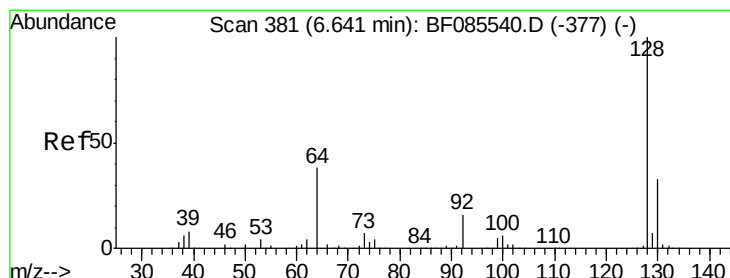
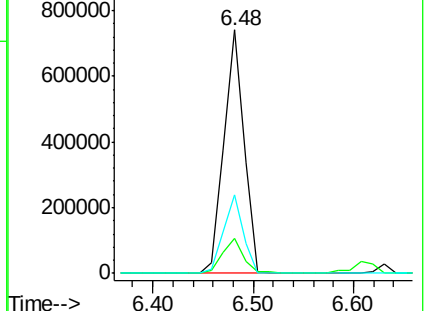
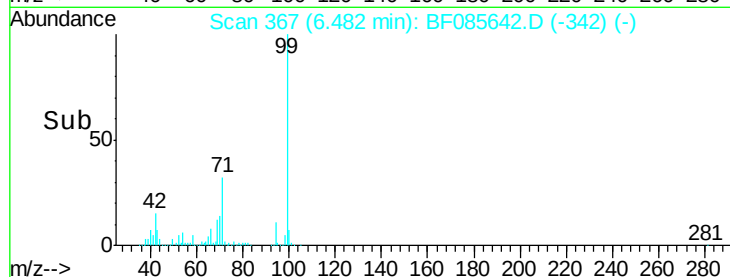
71 32.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.99 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

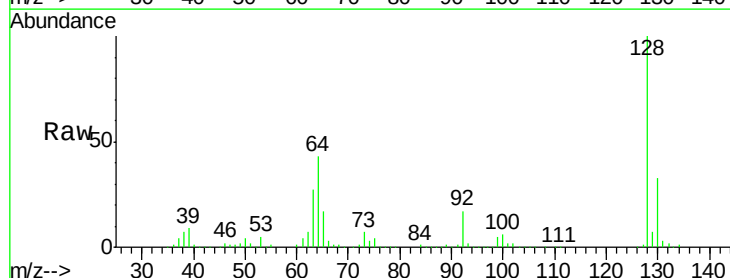
Tgt Ion: 128 Resp: 485626

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

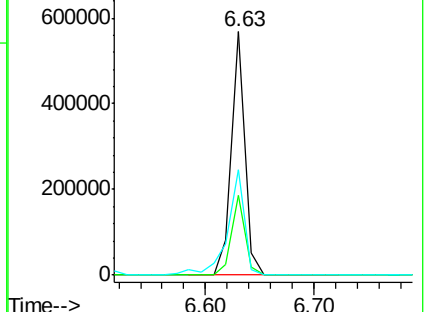
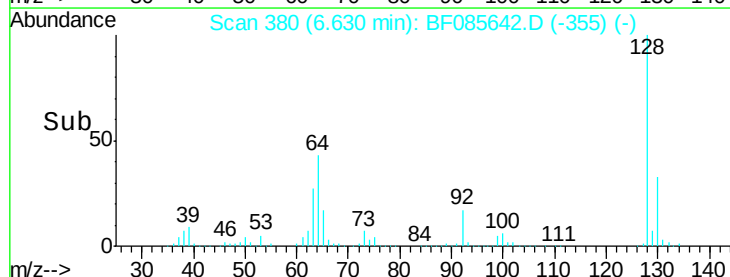
64 43.1 20.2 60.2

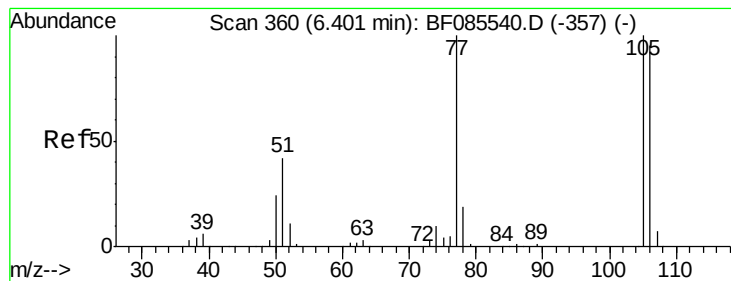


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.35 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

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SSTDCCC040

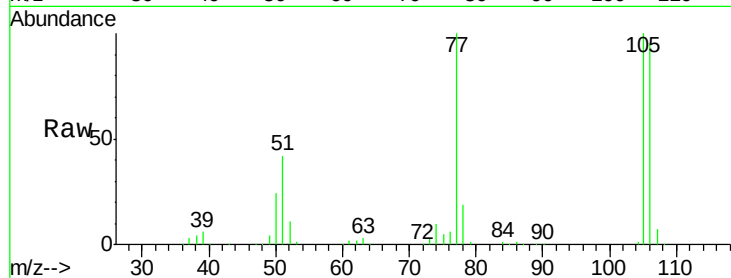
Tgt Ion: 77 Resp: 265967

Ion Ratio Lower Upper

77 100

105 100.5 80.1 120.1

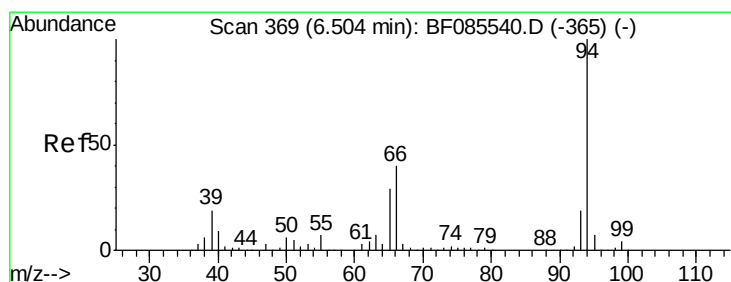
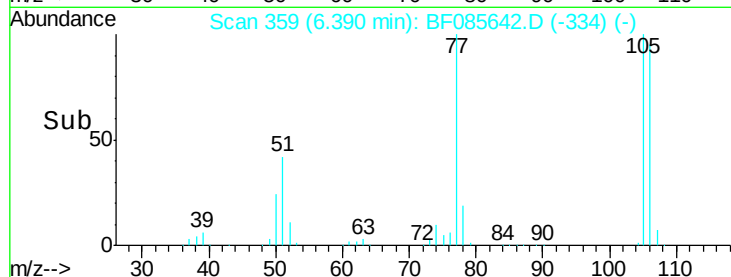
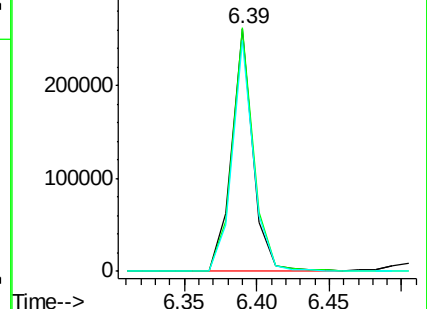
106 95.3 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.03 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

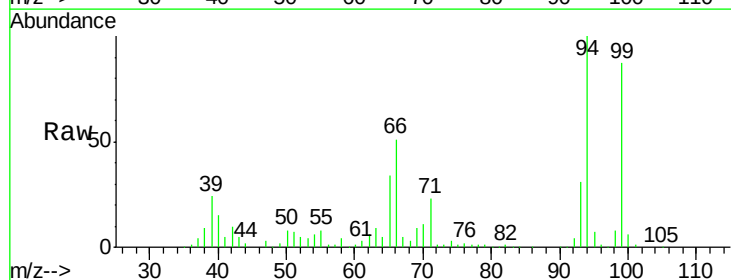
Tgt Ion: 94 Resp: 535244

Ion Ratio Lower Upper

94 100

65 33.6 8.6 48.6

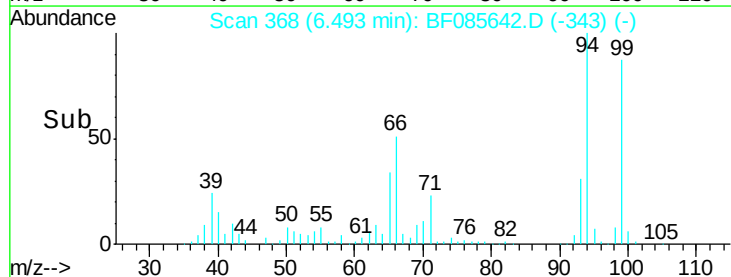
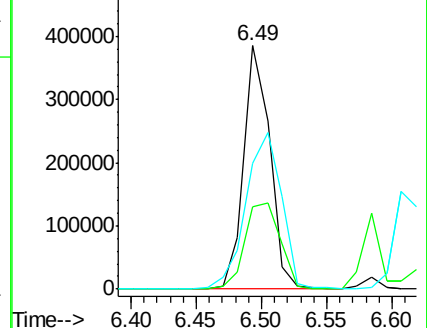
66 51.4 20.0 60.0

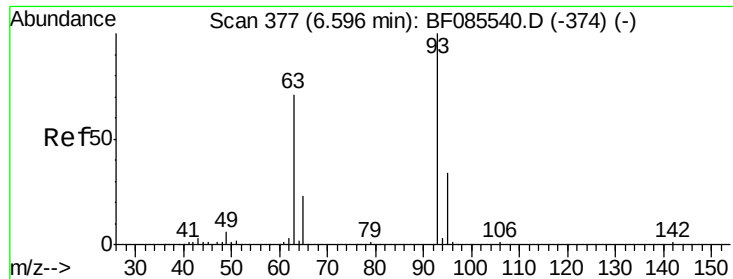


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

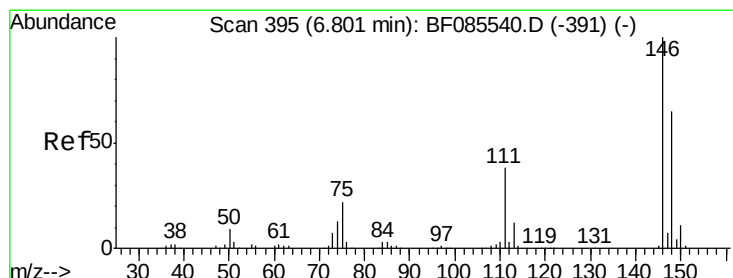
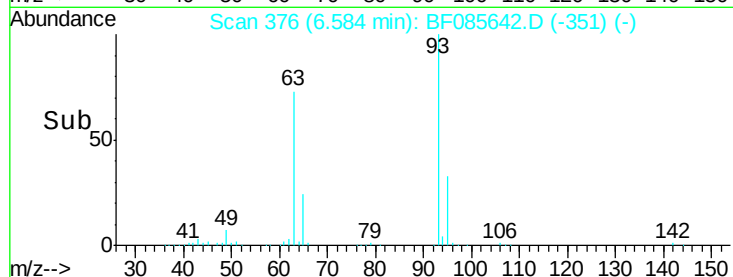
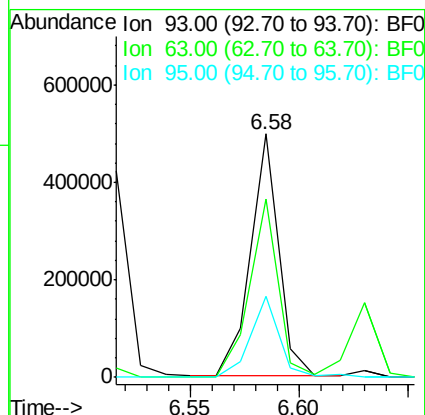
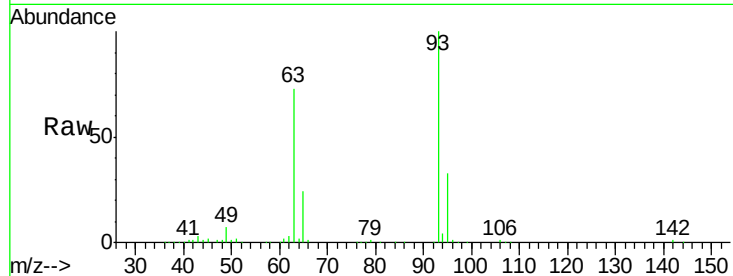




#11
bis(2-Chloroethyl)ether
Concen: 37.63 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

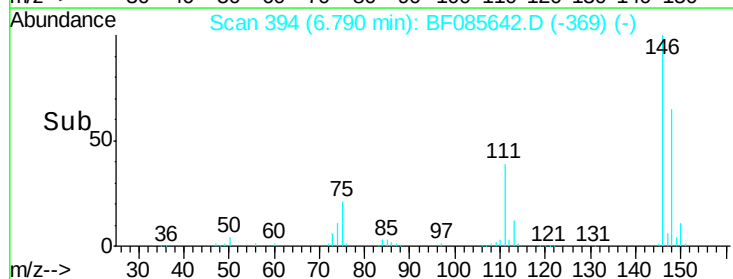
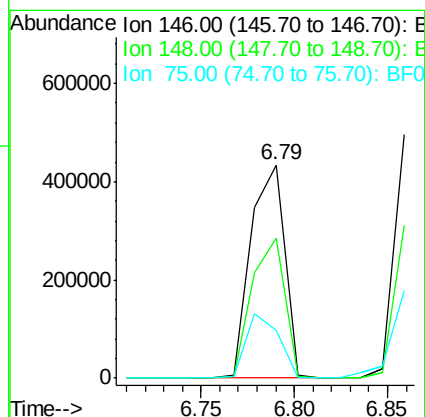
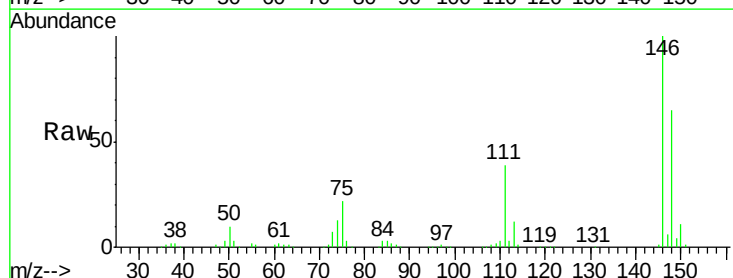
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

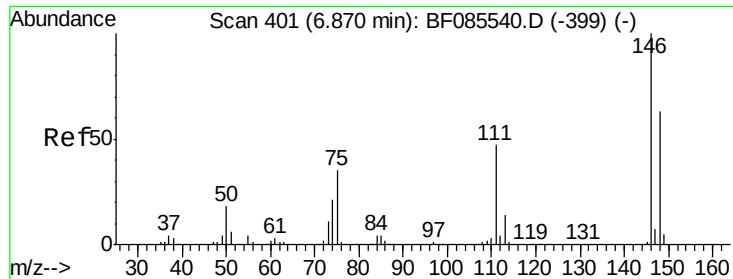
Tgt Ion: 93 Resp: 446200
Ion Ratio Lower Upper
93 100
63 73.3 50.9 90.9
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.32 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion: 146 Resp: 547212
Ion Ratio Lower Upper
146 100
148 65.4 52.3 78.5
75 22.5 17.4 26.2

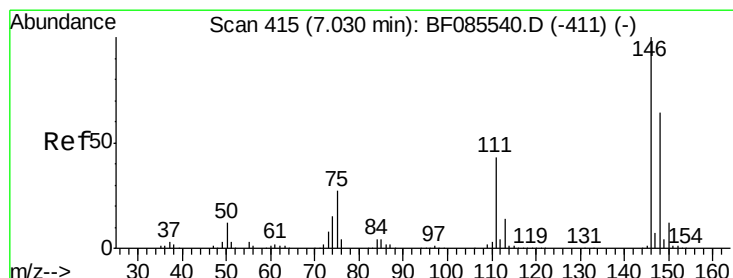
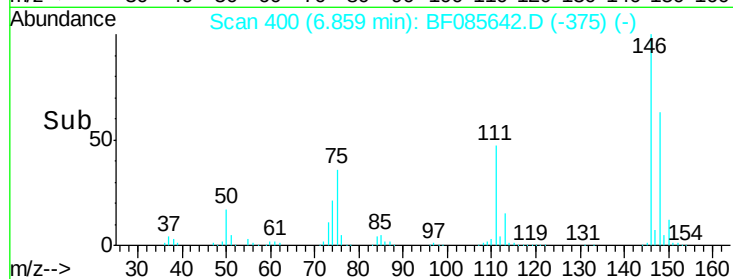
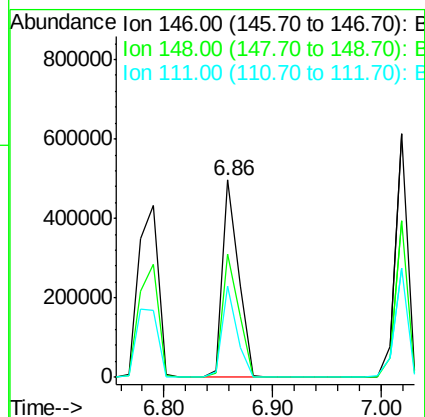
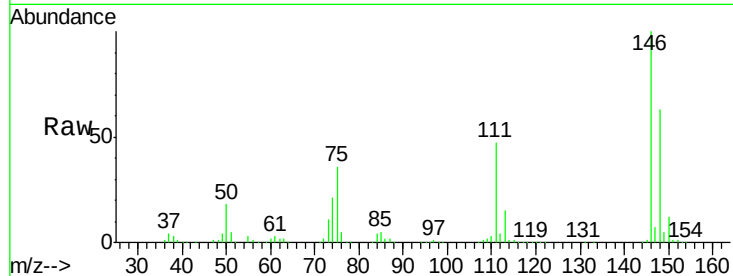




#13
 1,4-Dichlorobenzene
 Concen: 37.21 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

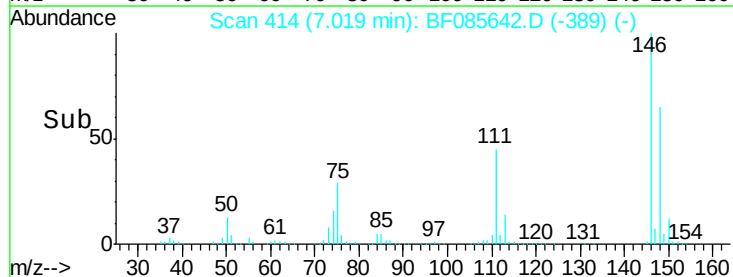
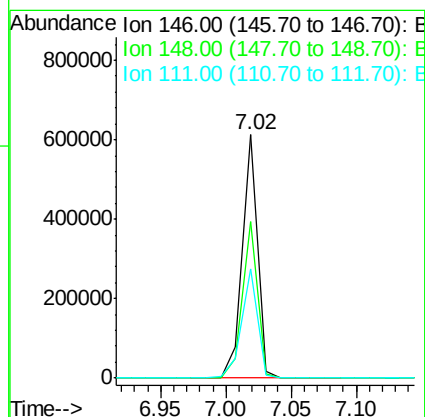
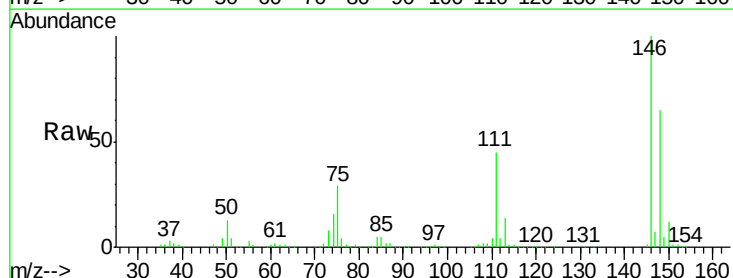
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

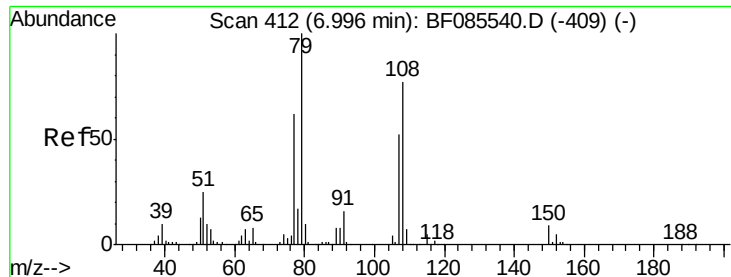
Tgt Ion:146 Resp: 515169
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 46.7 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 39.83 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:146 Resp: 489519
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 44.8 34.6 52.0





#15

Benzyl Alcohol

Concen: 38.75 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

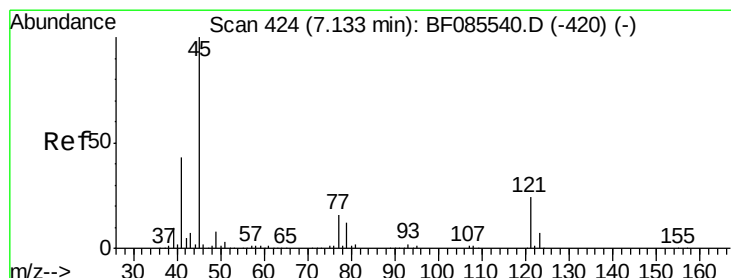
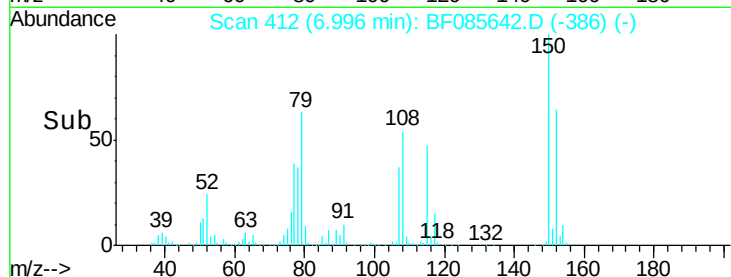
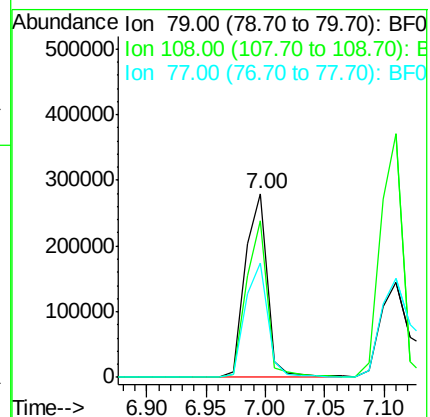
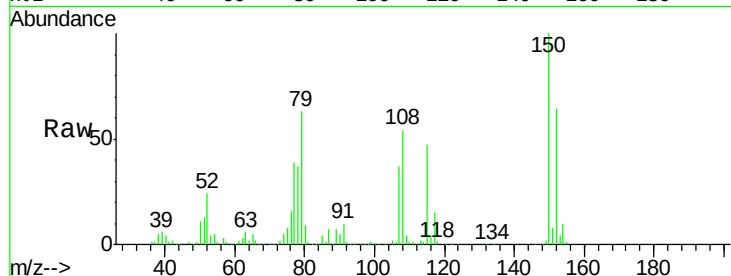
Tgt Ion: 79 Resp: 366485

Ion Ratio Lower Upper

79 100

108 85.1 61.8 92.6

77 62.5 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.46 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

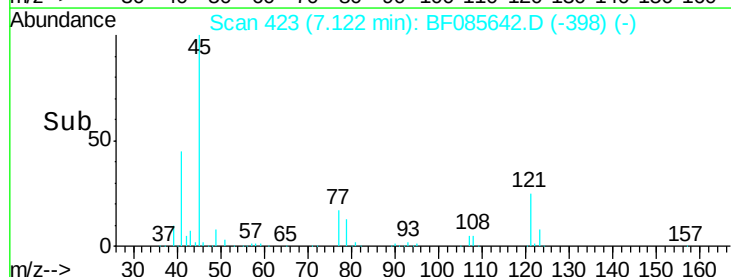
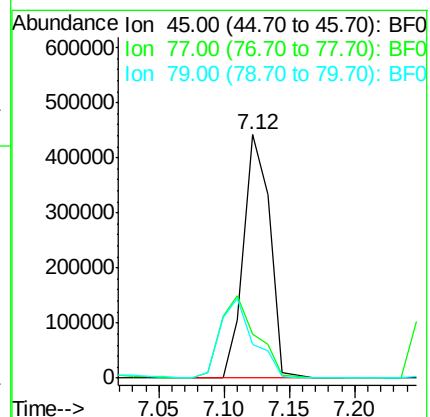
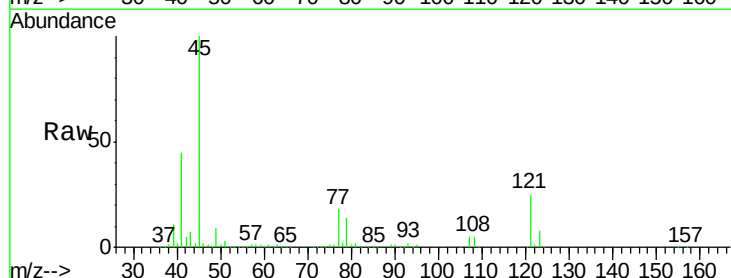
Tgt Ion: 45 Resp: 615263

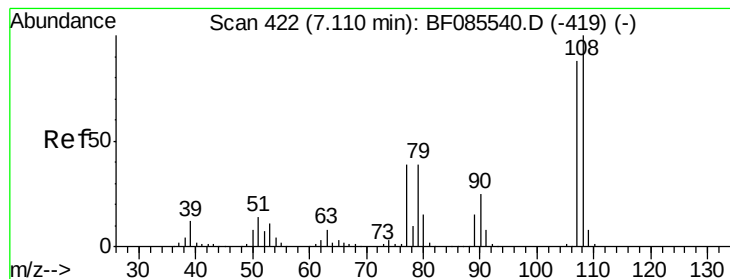
Ion Ratio Lower Upper

45 100

77 18.1 0.0 35.7

79 13.9 0.0 32.2





#17

2-Methylphenol

Concen: 40.53 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 418461

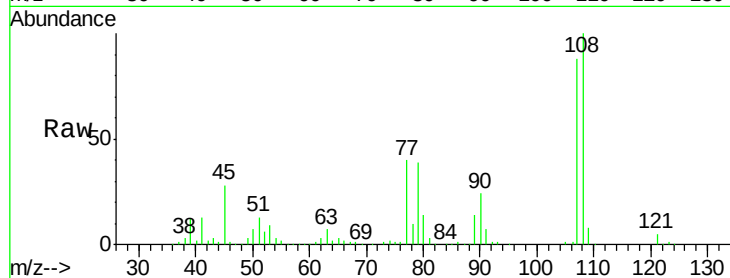
Ion Ratio Lower Upper

107 100

108 113.6 91.4 137.0

77 46.0 36.2 54.2

79 44.4 35.8 53.8

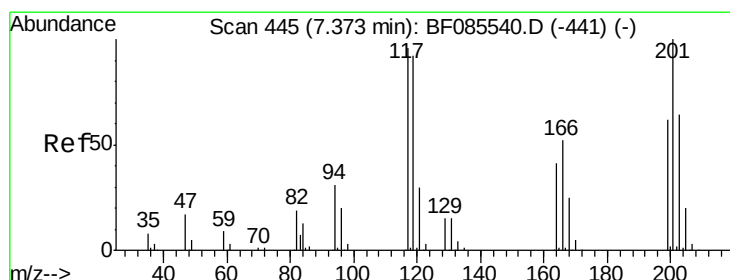
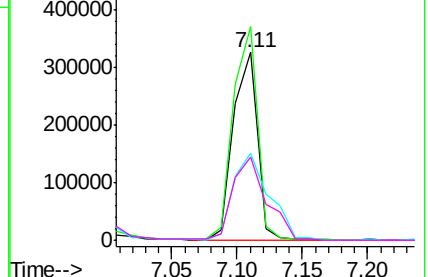
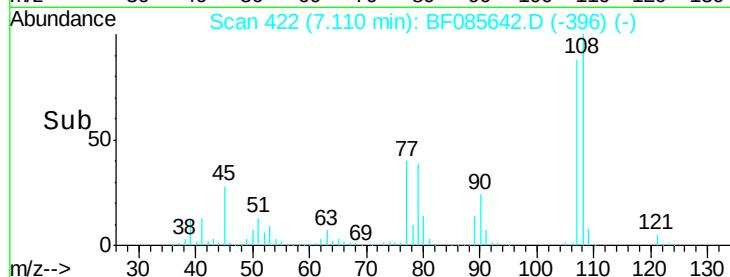


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.06 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

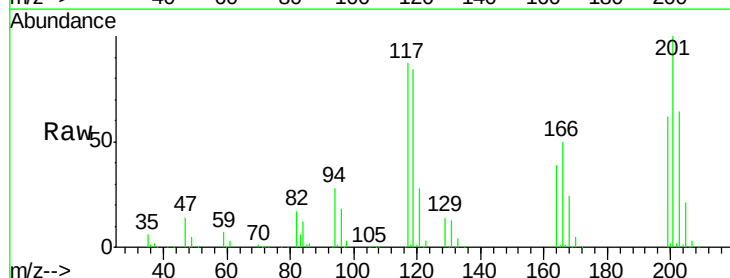
Tgt Ion:117 Resp: 195235

Ion Ratio Lower Upper

117 100

119 96.7 76.7 115.1

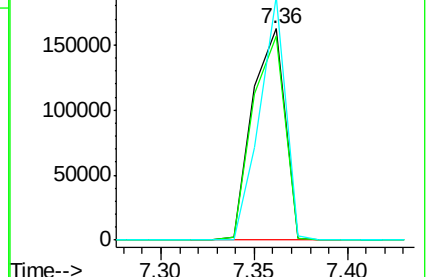
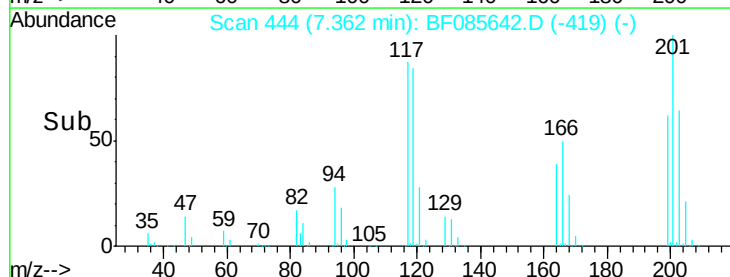
201 115.4 83.3 124.9

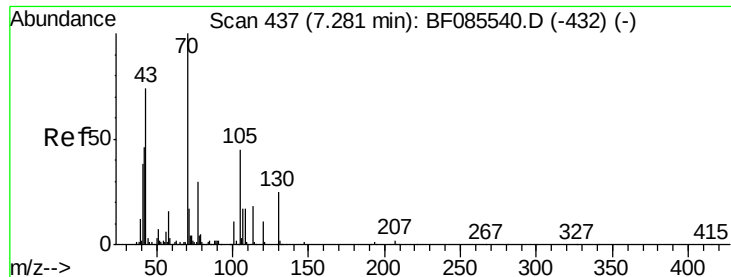


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

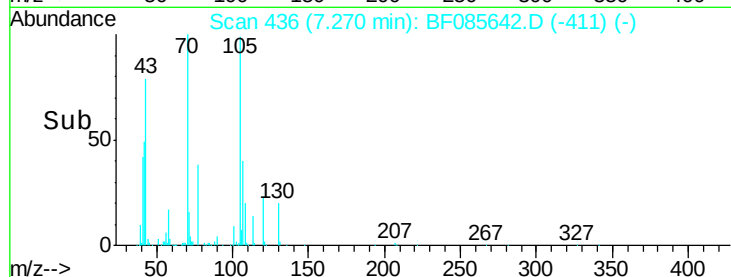
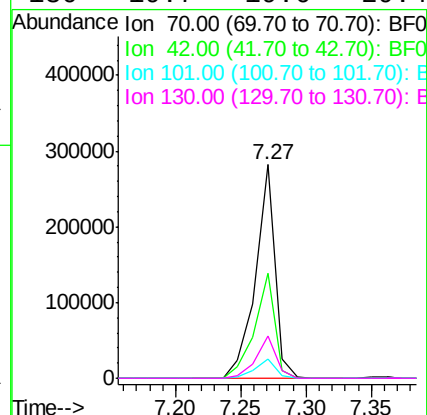
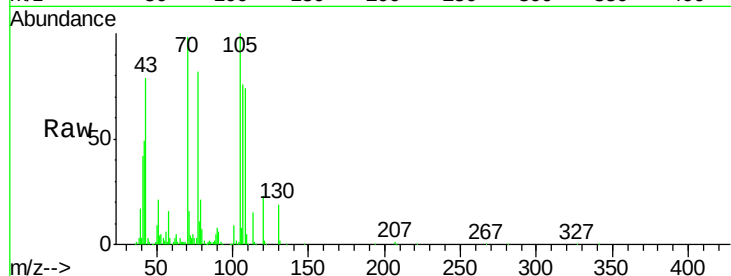




#19
n-Nitroso-di-n-propylamine
Concen: 35.96 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

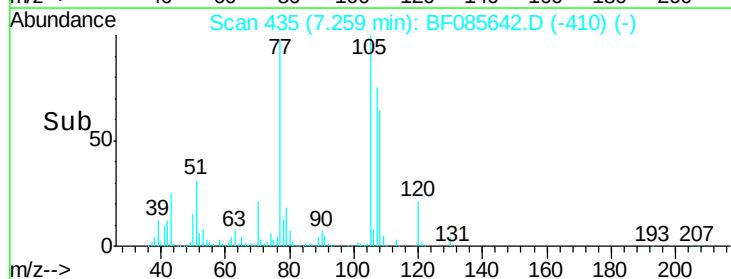
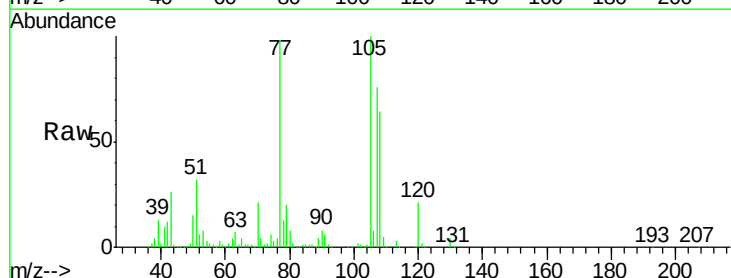
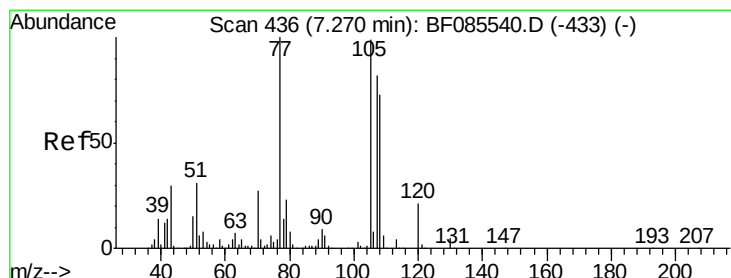
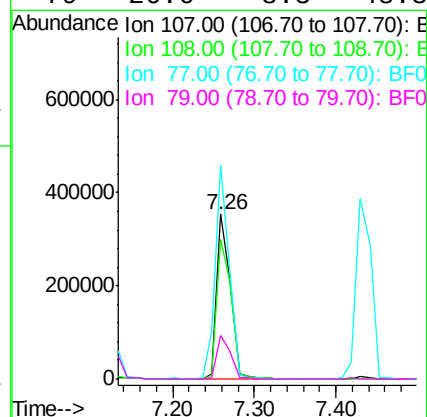
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

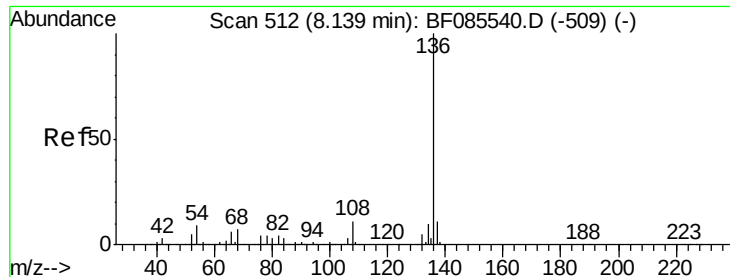
Tgt Ion: 70 Resp: 296626
Ion Ratio Lower Upper
70 100
42 49.3 37.1 55.7
101 9.2 8.6 12.8
130 19.7 19.6 29.4



#20
3+4-Methylphenols
Concen: 34.47 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion: 107 Resp: 412154
Ion Ratio Lower Upper
107 100
108 85.0 69.3 109.3
77 129.7 101.7 141.7
79 26.6 8.3 48.3

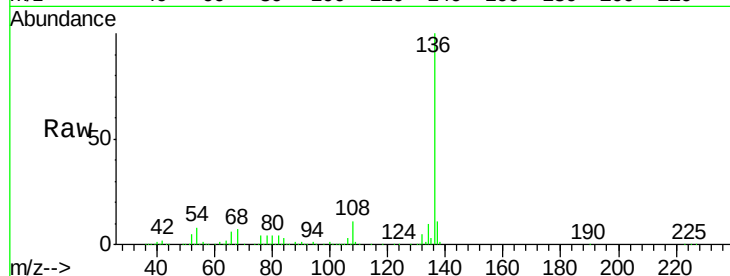




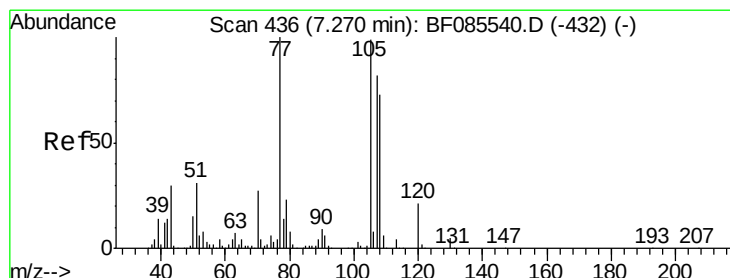
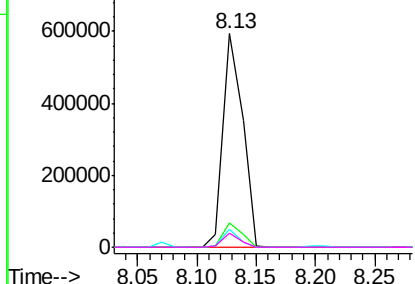
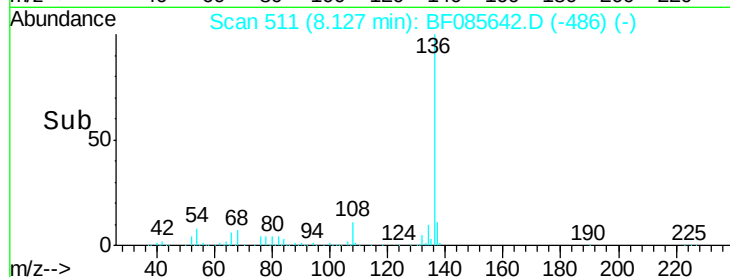
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	678249
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.4	7.4	11.0
68	6.8	5.8	8.8

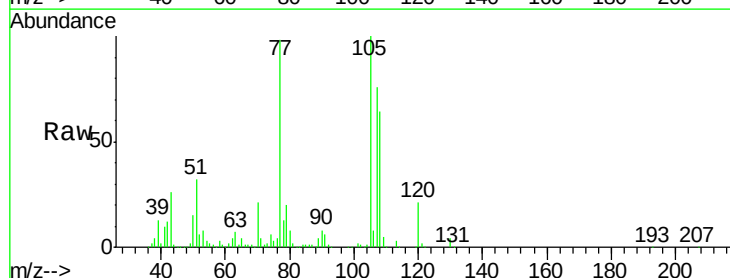


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

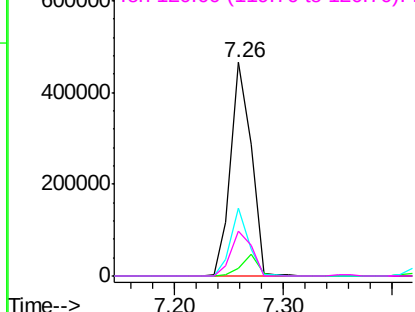
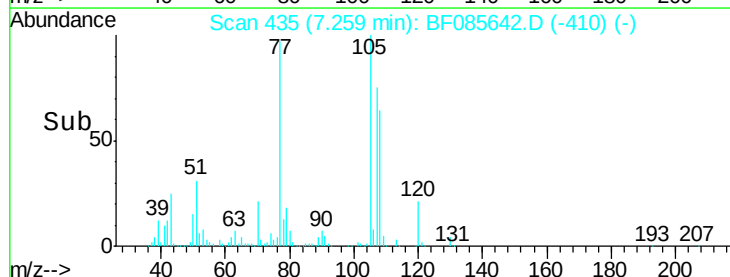


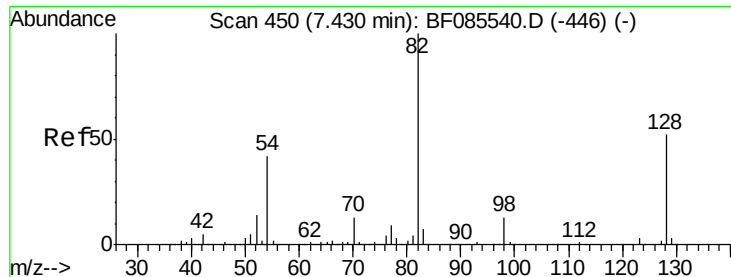
#22
Acetophenone
Concen: 37.61 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:	105	Resp:	605407
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.6	5.4#
51	31.9	25.4	38.0
120	21.1	16.9	25.3



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

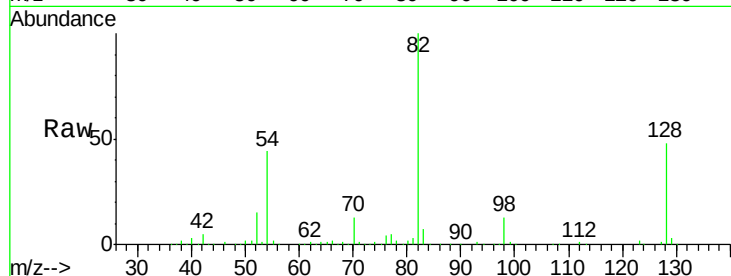




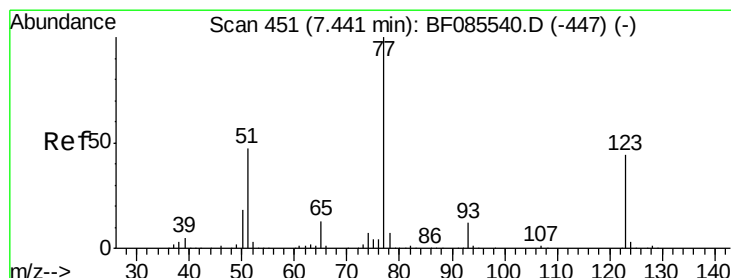
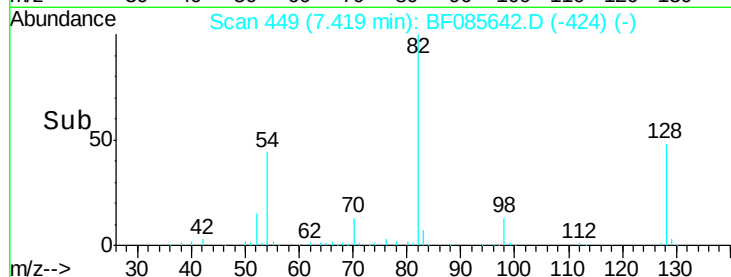
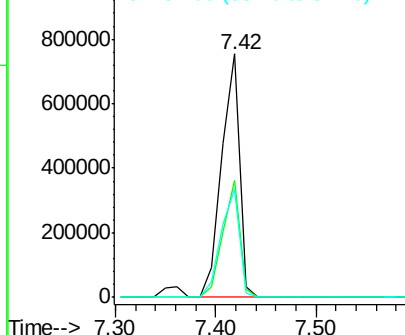
#23
Nitrobenzene-d5
Concen: 80.00 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 934764
Ion Ratio Lower Upper
82 100
128 47.9 41.8 62.8
54 44.3 33.4 50.0

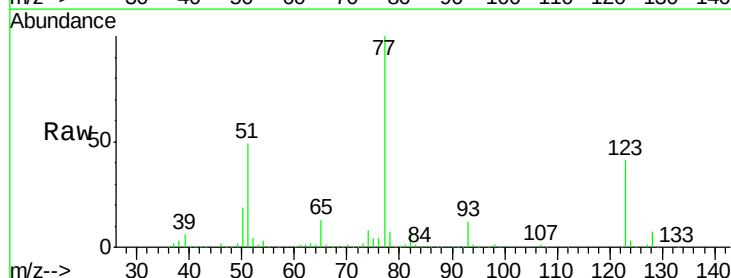


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

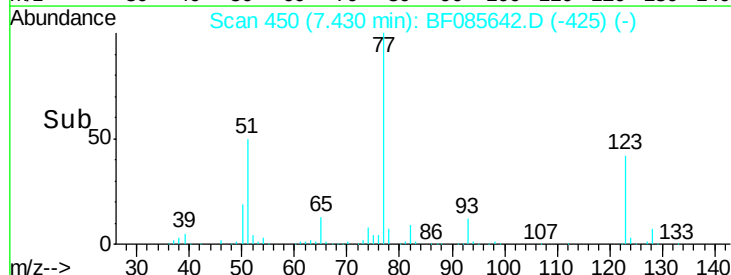
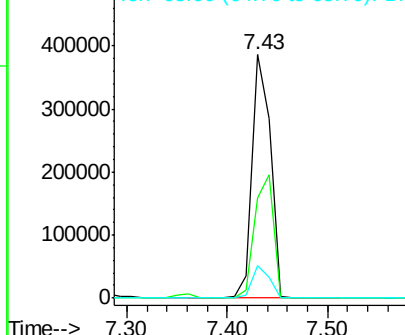


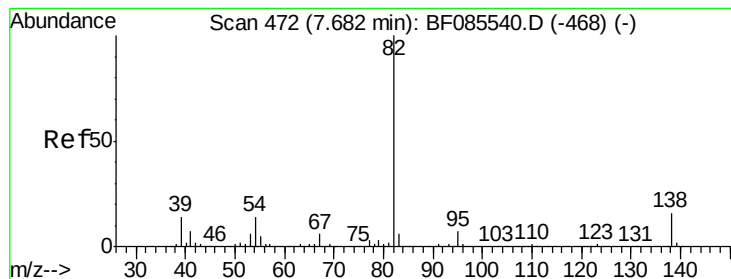
#24
Nitrobenzene
Concen: 38.41 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion: 77 Resp: 491259
Ion Ratio Lower Upper
77 100
123 41.3 35.0 52.4
65 13.2 10.6 16.0



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





#25

Isophorone

Concen: 40.94 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

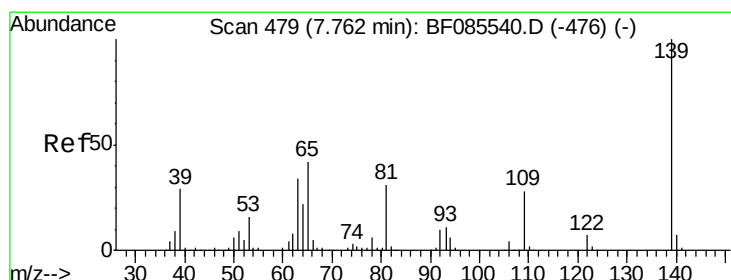
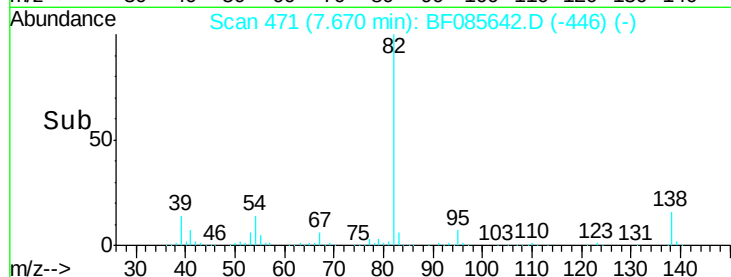
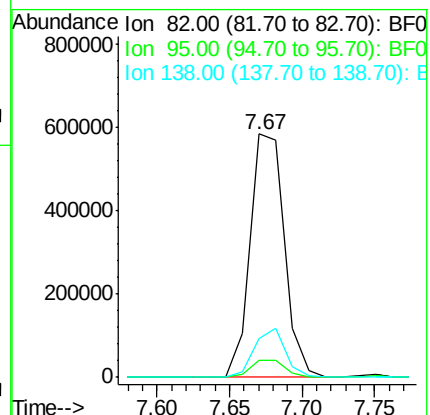
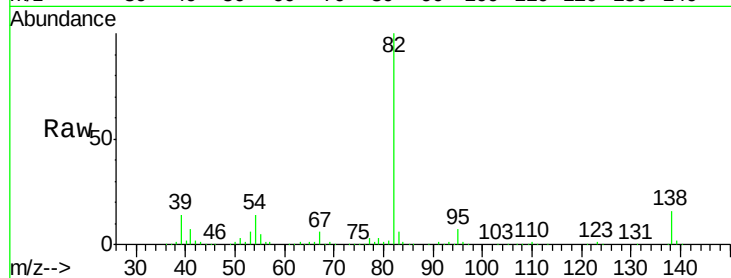
Tgt Ion: 82 Resp: 957638

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.2 12.9 19.3



#26

2-Nitrophenol

Concen: 44.02 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

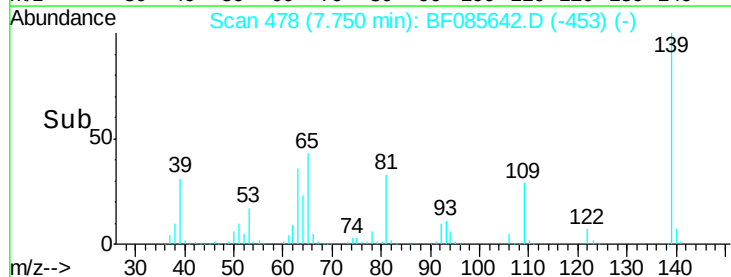
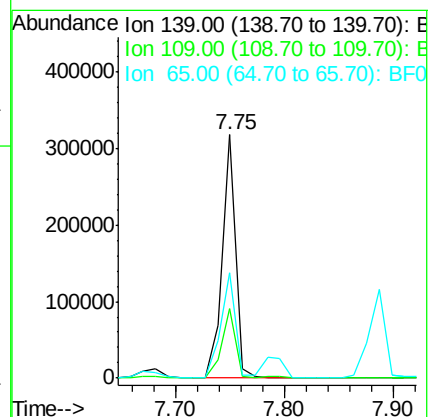
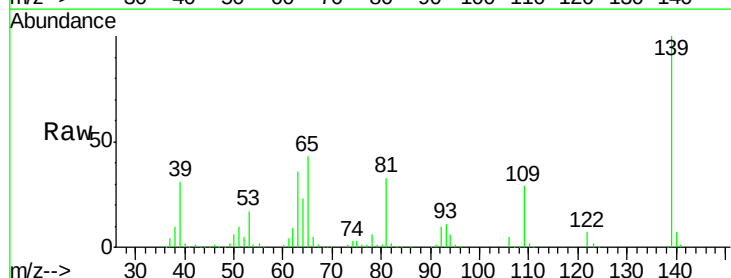
Tgt Ion: 139 Resp: 278269

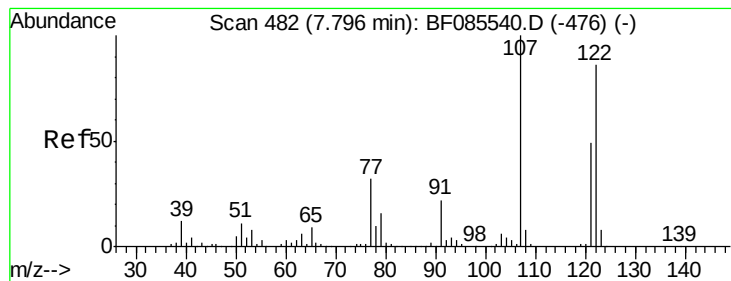
Ion Ratio Lower Upper

139 100

109 28.6 22.1 33.1

65 43.4 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 40.60 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

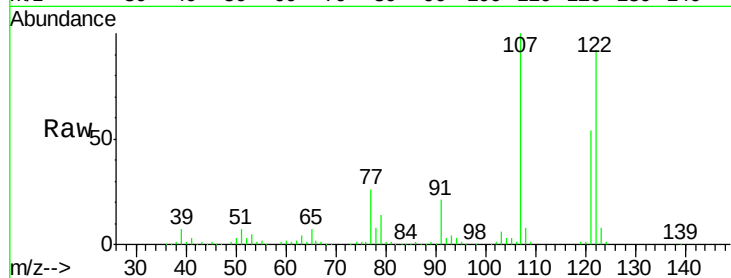
Tgt Ion:122 Resp: 453814

Ion Ratio Lower Upper

122 100

107 108.2 93.0 139.6

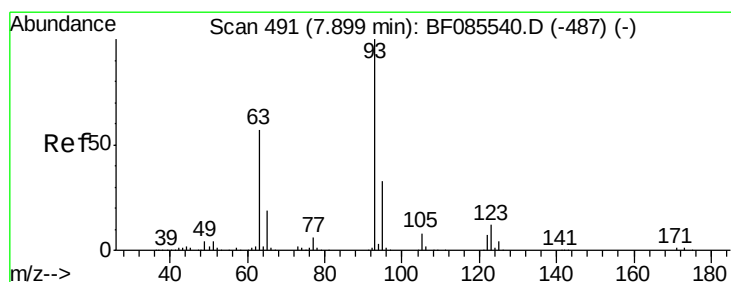
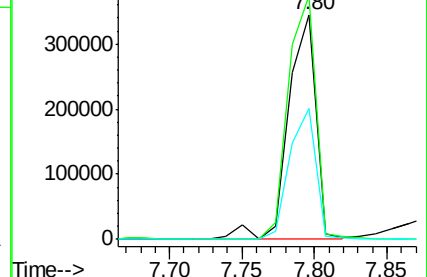
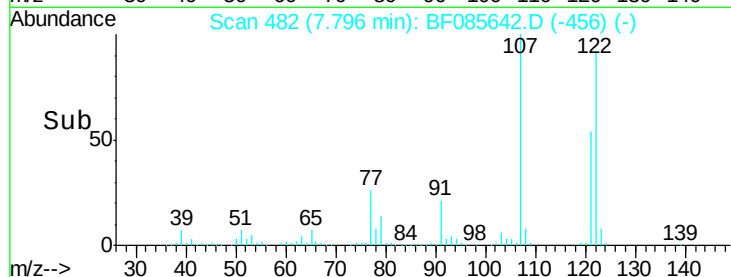
121 58.3 45.9 68.9



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: 43.04 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

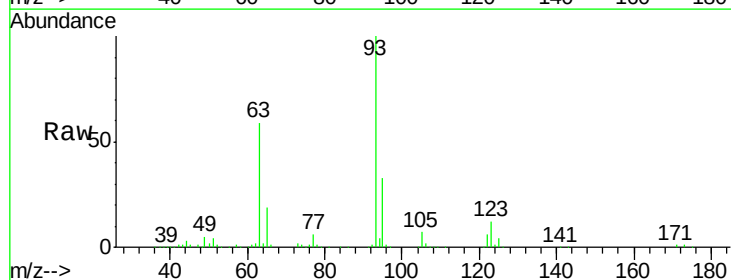
Tgt Ion: 93 Resp: 572712

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

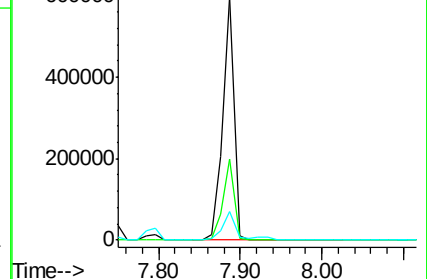
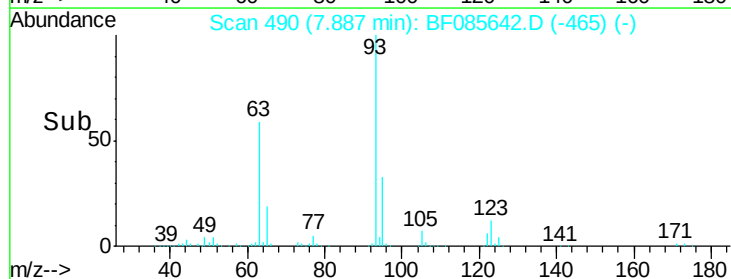
123 11.7 9.8 14.6

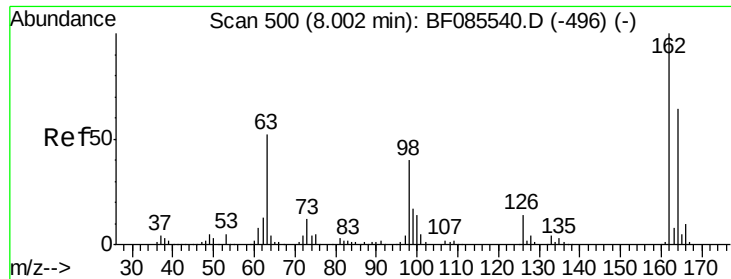


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

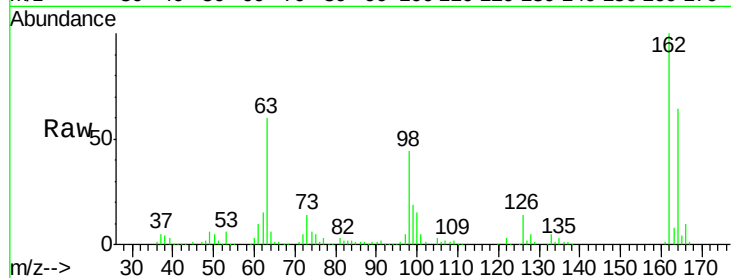




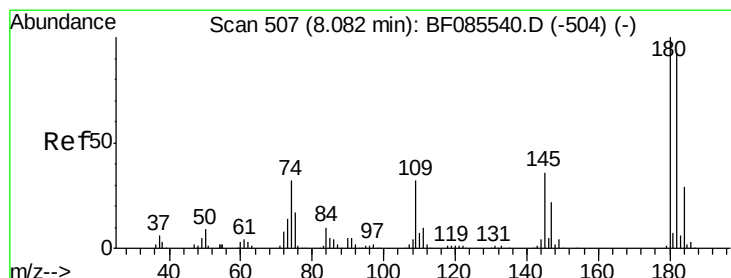
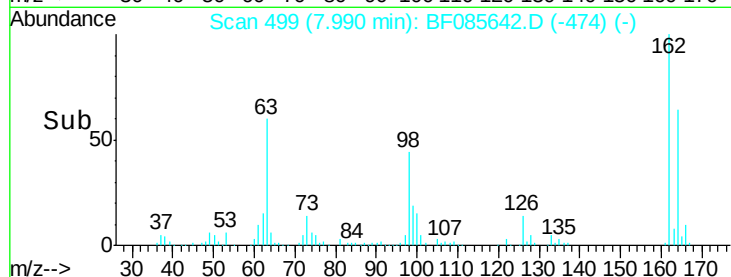
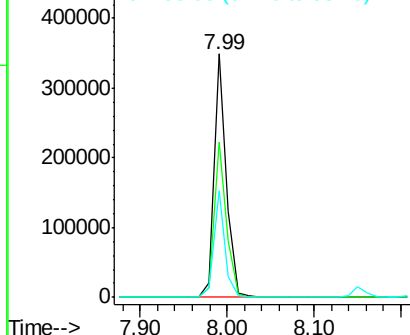
#29
2,4-Dichlorophenol
Concen: 37.65 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.7	83.7
98	44.0	20.4	60.4

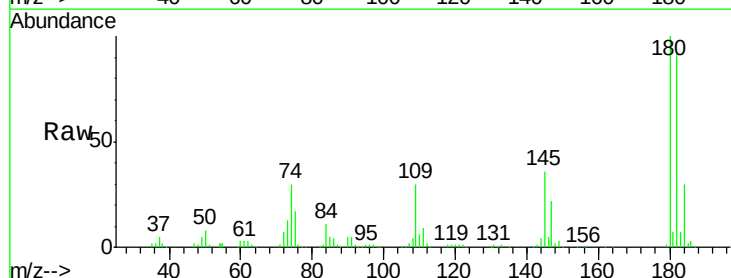


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

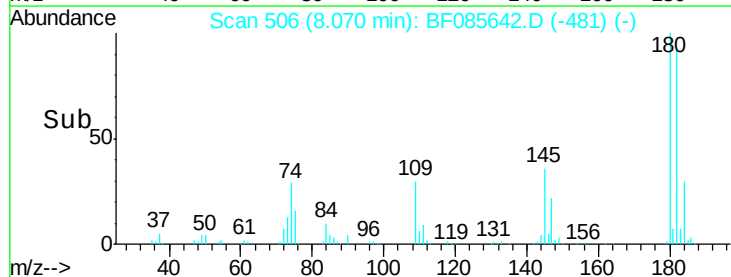
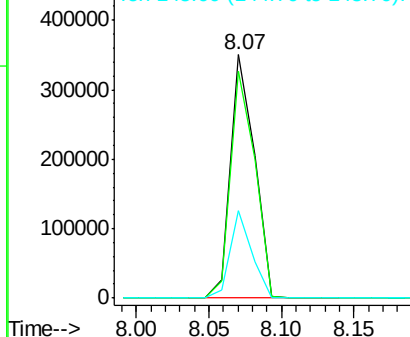


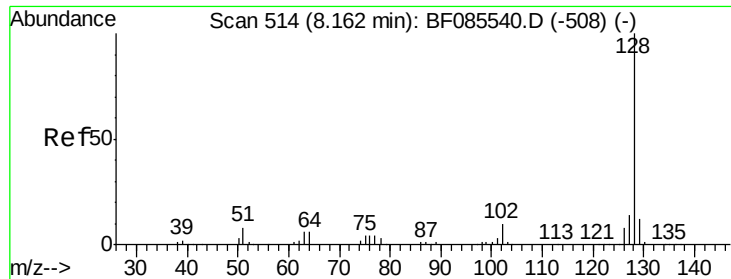
#30
1,2,4-Trichlorobenzene
Concen: 38.76 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	73.8	110.8
145	35.7	28.4	42.6



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

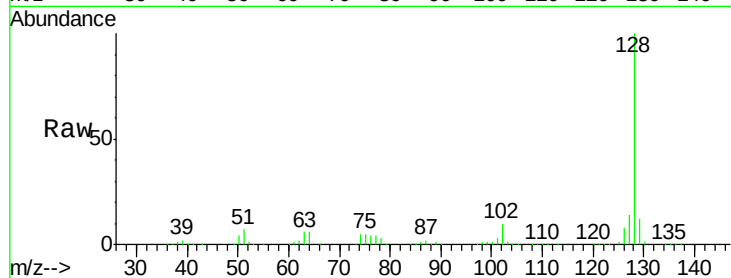




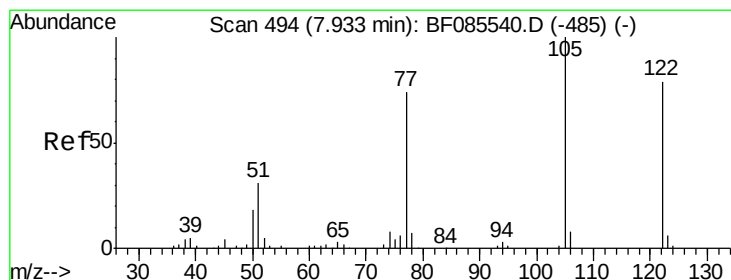
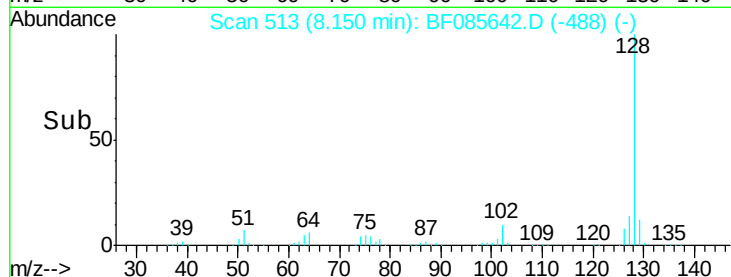
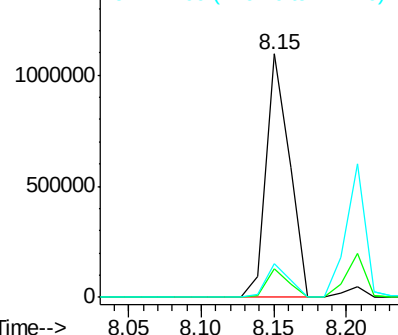
#31
Naphthalene
Concen: 35.58 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1218199
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.9 11.0 16.6

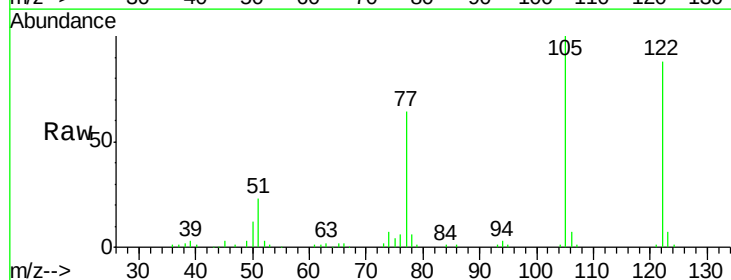


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

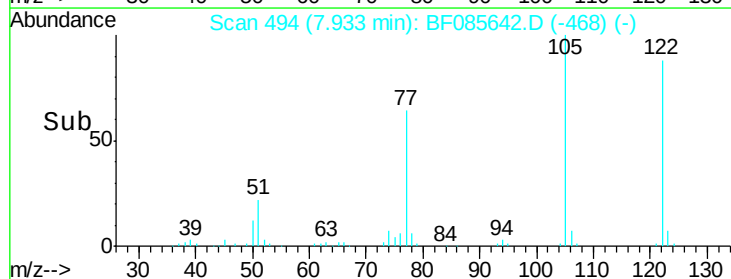
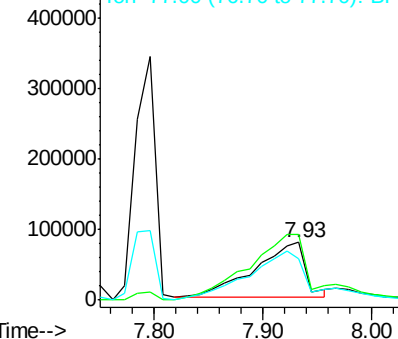


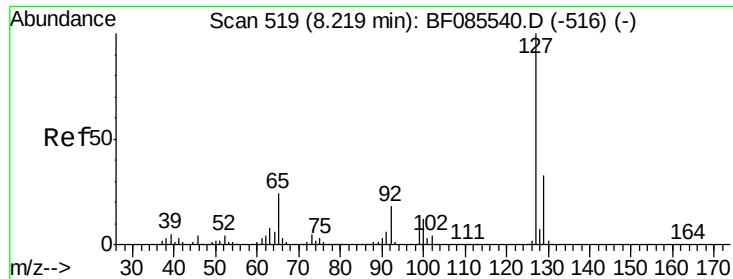
#32
Benzoic acid
Concen: 27.73 ng
RT: 7.93 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:122 Resp: 259164
Ion Ratio Lower Upper
122 100
105 113.5 102.9 142.9
77 72.3 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

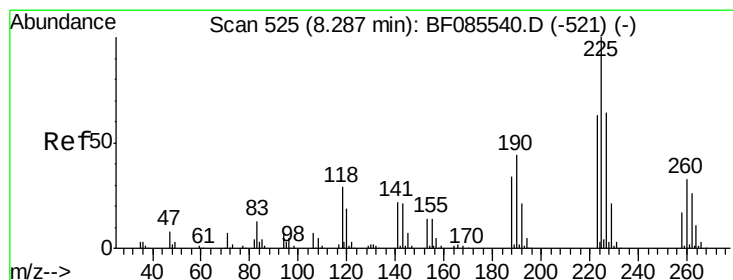
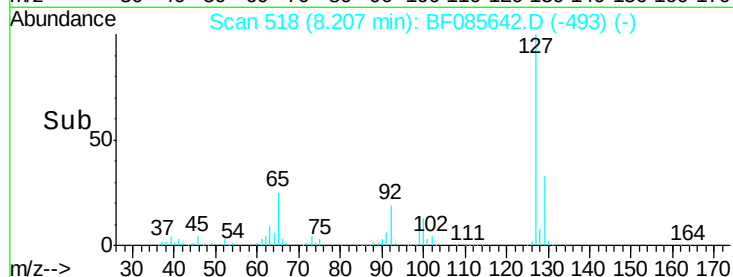
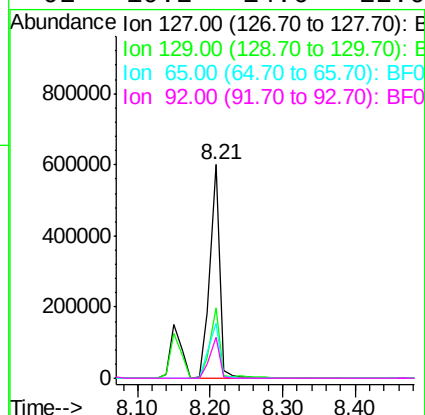
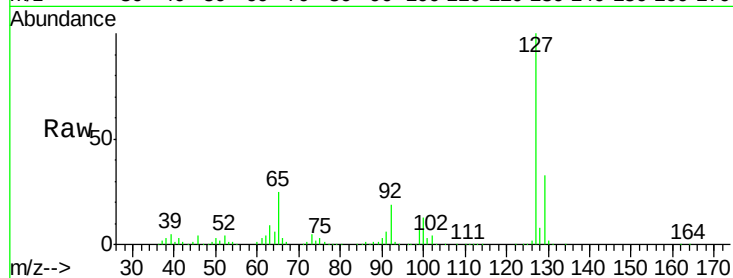




#33
4-Chloroaniline
Concen: 40.47 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

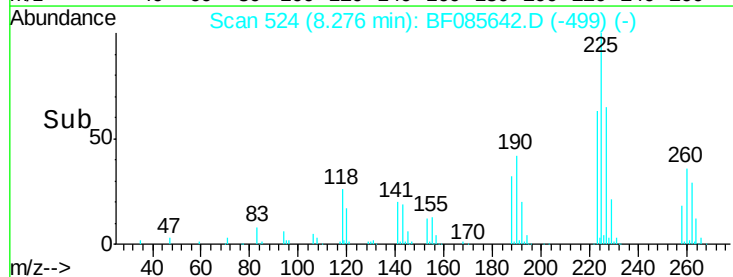
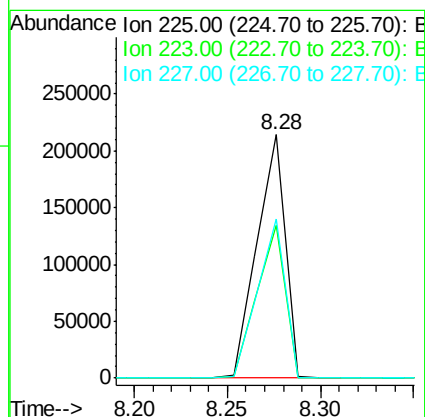
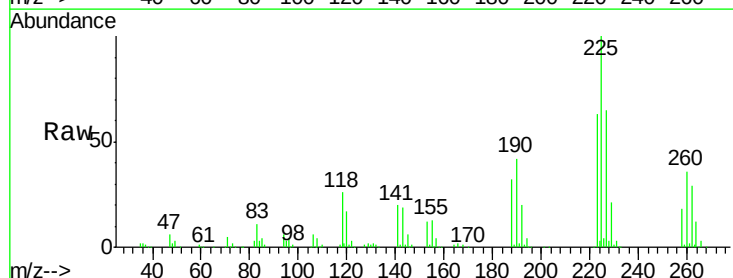
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

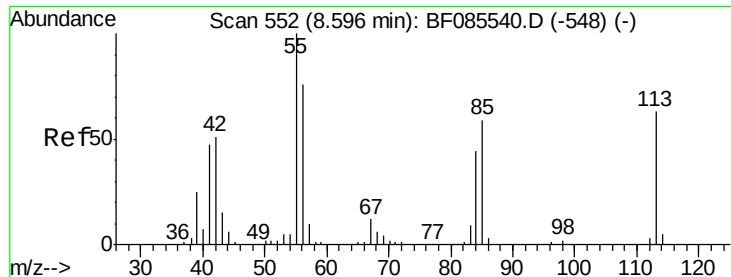
Tgt Ion:	127	Resp:	567906
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	25.5	19.5	29.3
92	19.2	14.6	22.0



#34
Hexachlorobutadiene
Concen: 40.55 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:	225	Resp:	223430
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	65.3	51.4	77.2

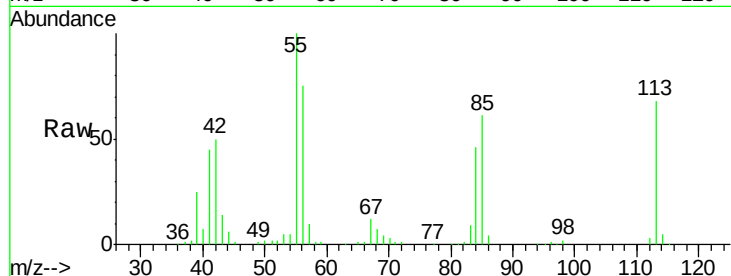




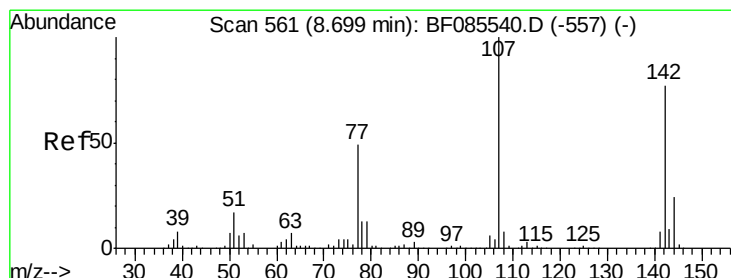
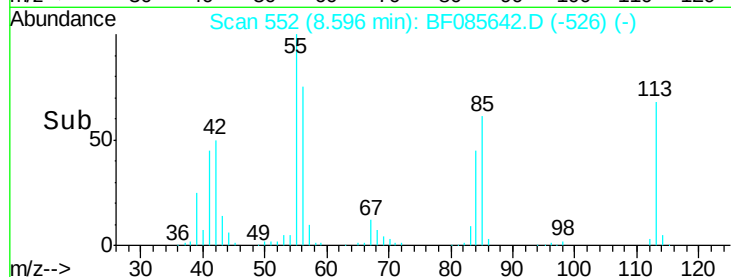
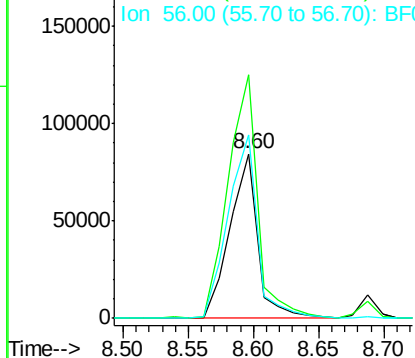
#35
 Caprolactam
 Concen: 39.37 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 125042
 Ion Ratio Lower Upper
 113 100
 55 147.8 139.4 179.4
 56 111.5 100.4 140.4

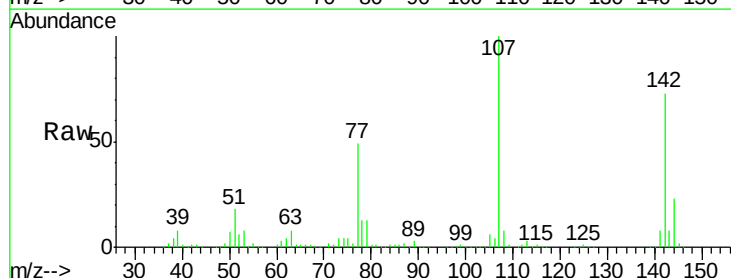


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

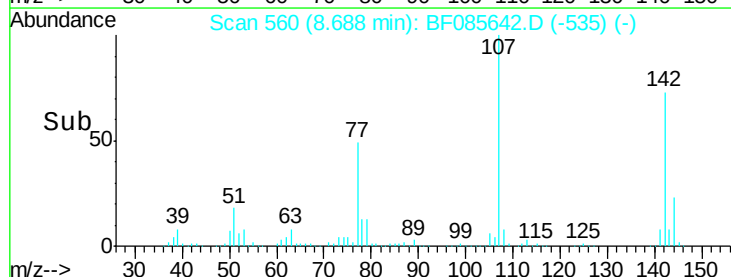
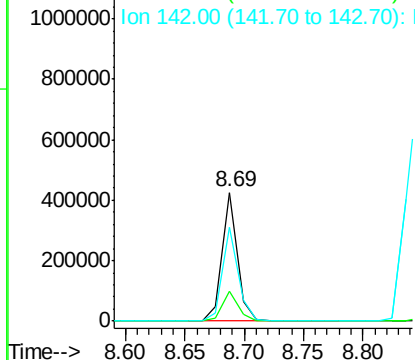


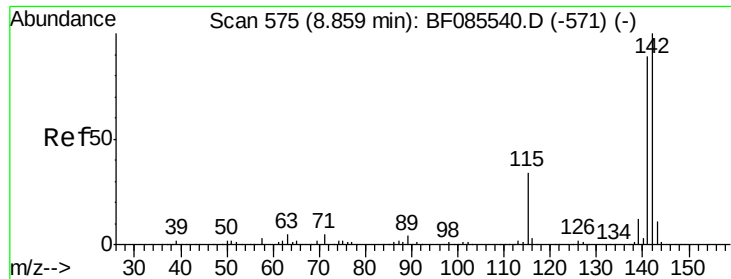
#36
 4-Chloro-3-methylphenol
 Concen: 35.14 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:107 Resp: 378893
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.3 28.9
 142 72.8 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

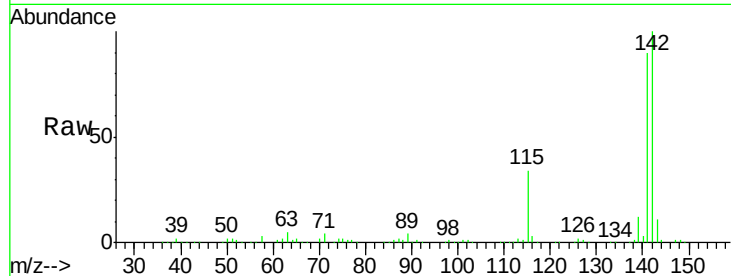




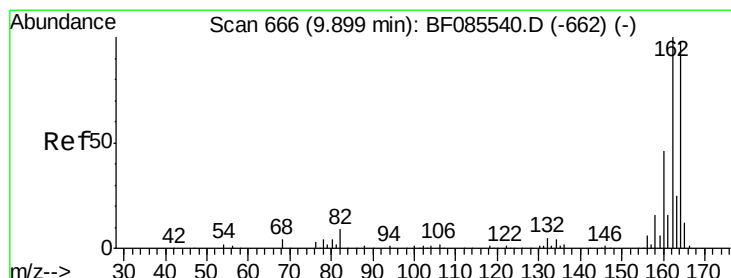
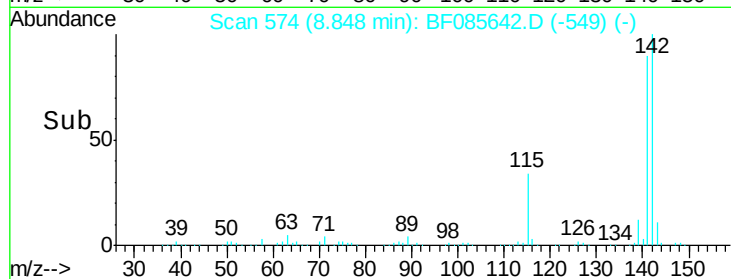
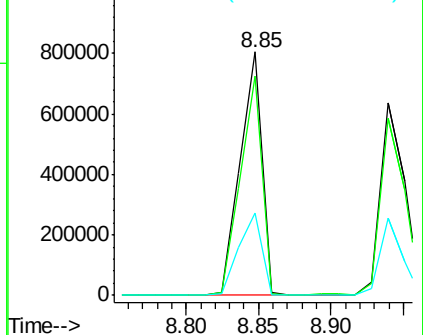
#37
 2-Methylnaphthalene
 Concen: 40.48 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 844765
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.6 107.4
 115 33.8 26.8 40.2

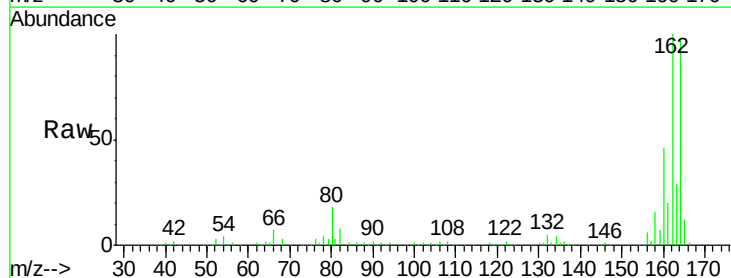


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

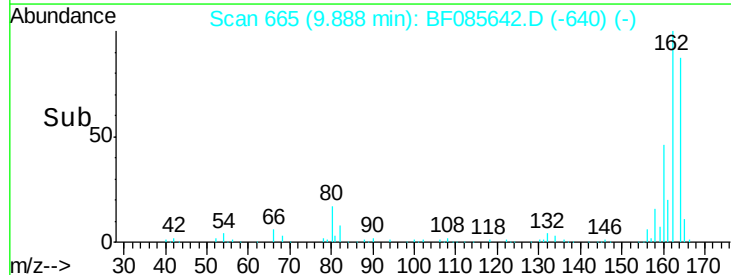
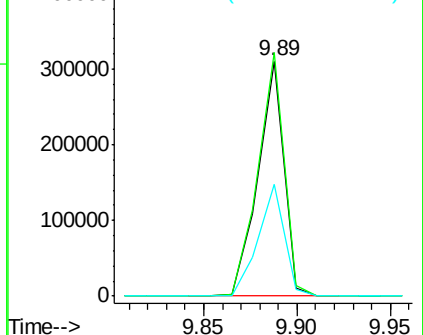


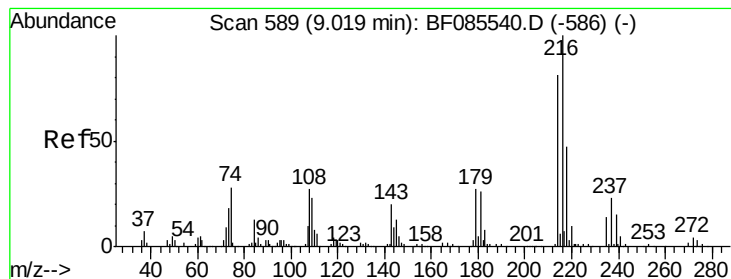
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:164 Resp: 296661
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.1 123.1
 160 47.7 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.70 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 348297

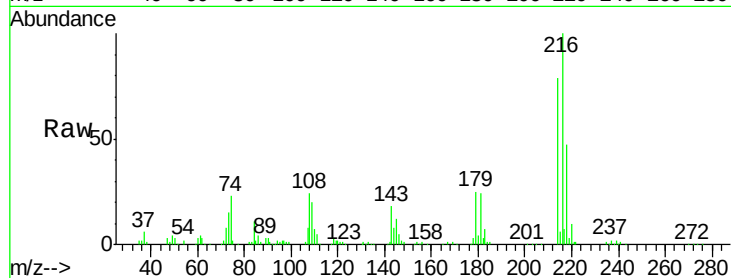
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 22.9 18.2 27.2

108 20.5 17.3 25.9

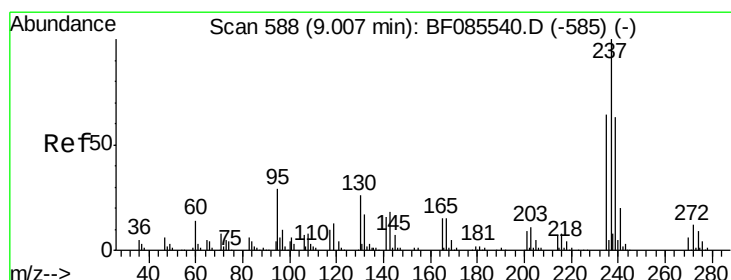
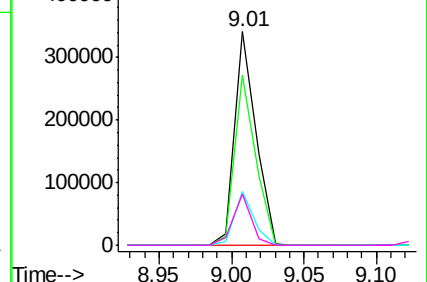
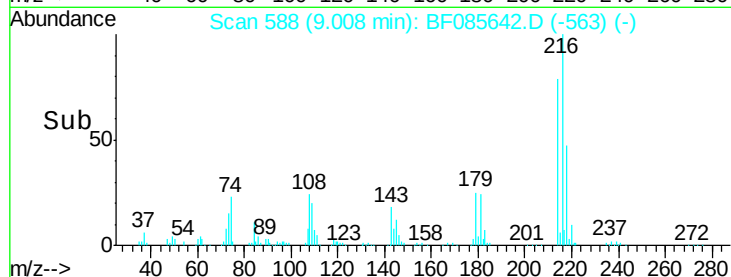


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.07 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

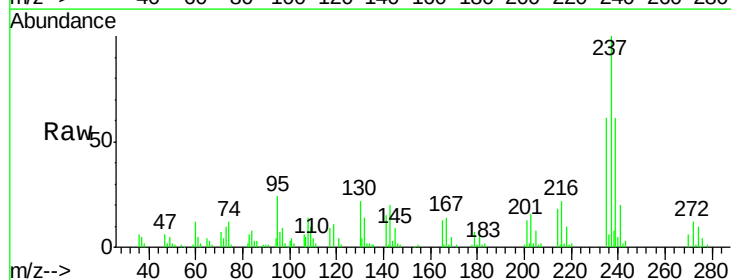
Tgt Ion:237 Resp: 69236

Ion Ratio Lower Upper

237 100

235 61.5 43.7 83.7

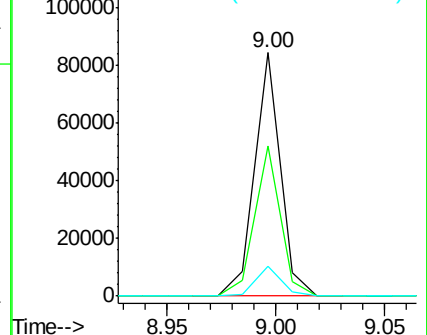
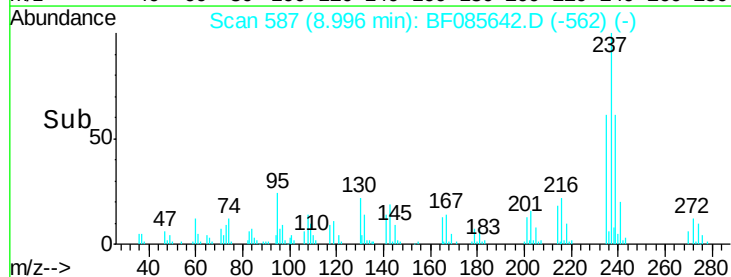
272 12.0 0.0 31.9

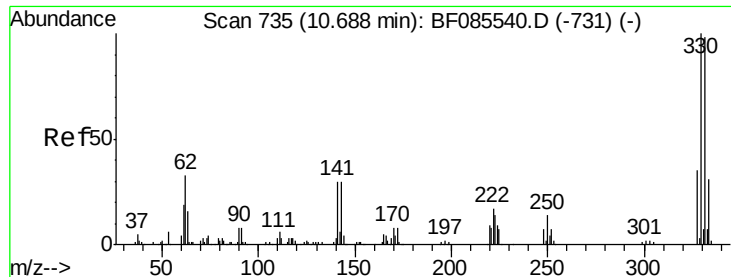


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

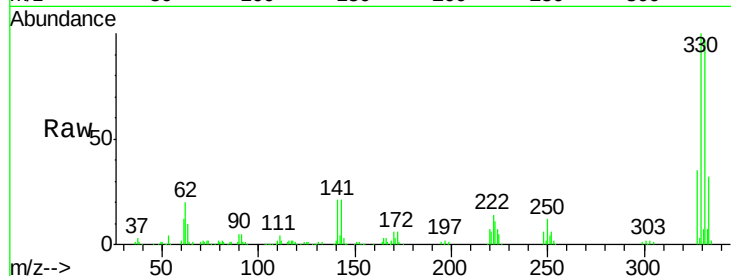




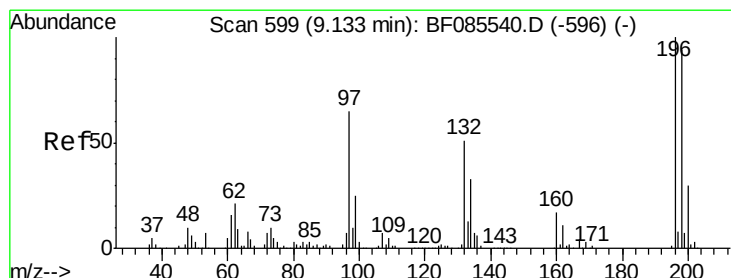
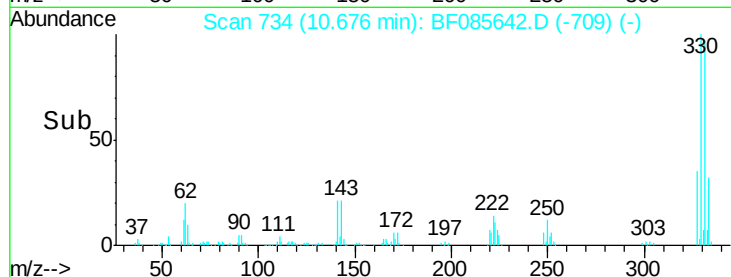
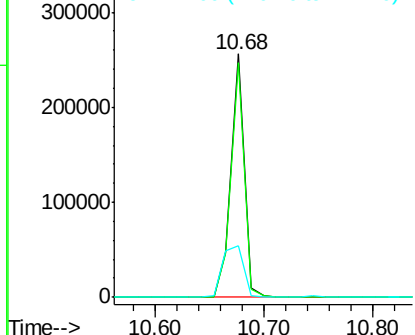
#41
 2,4,6-Tribromophenol
 Concen: 74.89 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 217615
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 33.8 31.5 47.3

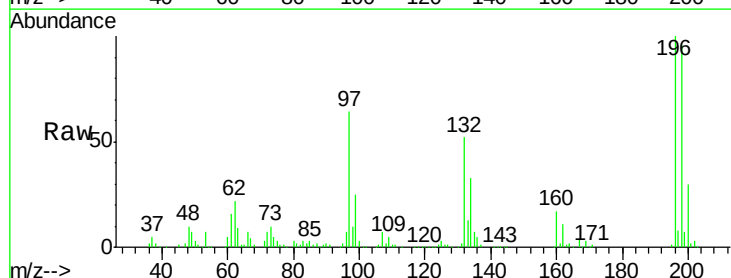


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

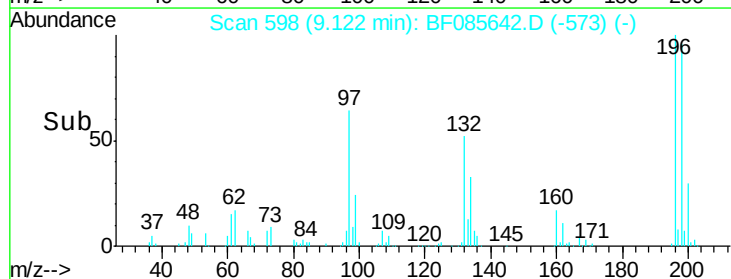
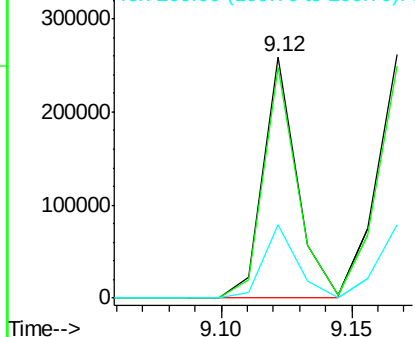


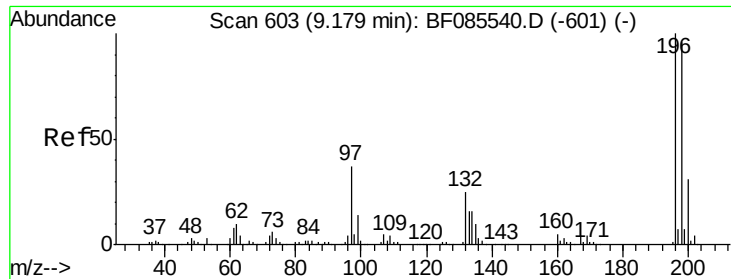
#42
 2,4,6-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:196 Resp: 234255
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.3 112.9
 200 30.5 23.7 35.5



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

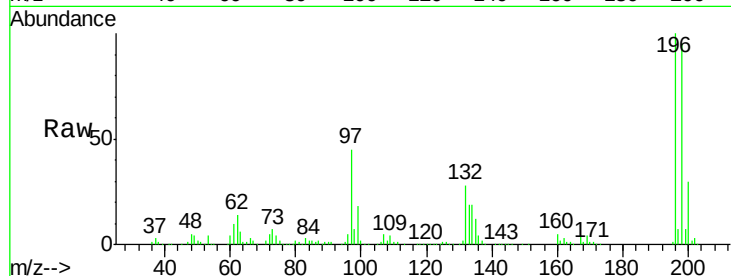




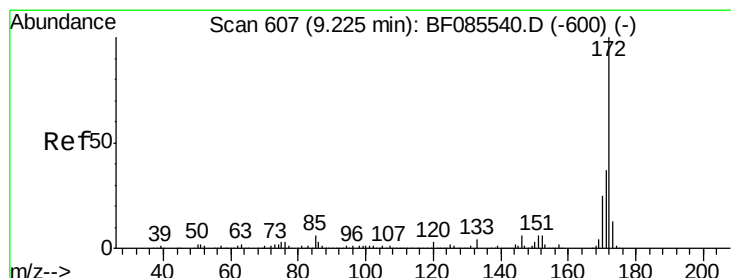
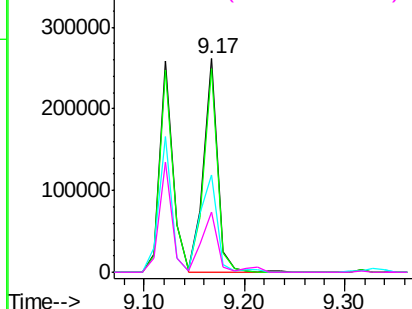
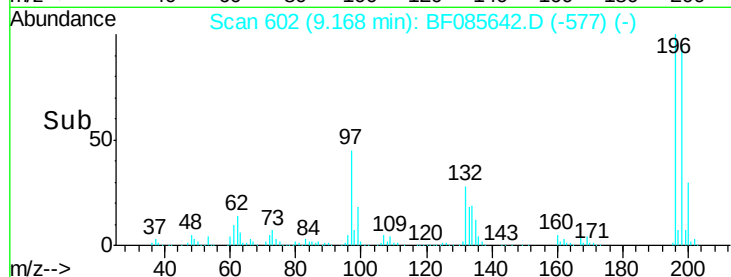
#43
 2,4,5-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 255420
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 114.8
 97 45.4 30.5 45.7
 132 28.2 20.2 30.2

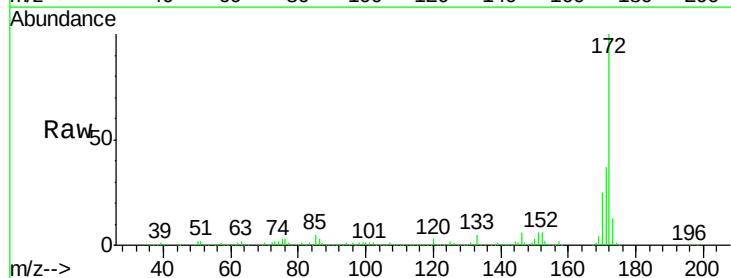


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

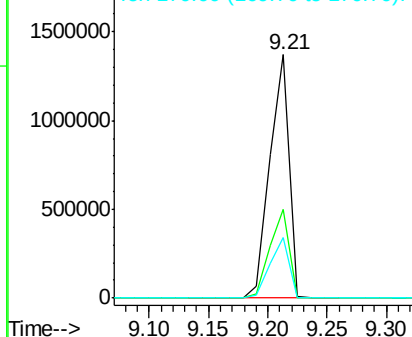
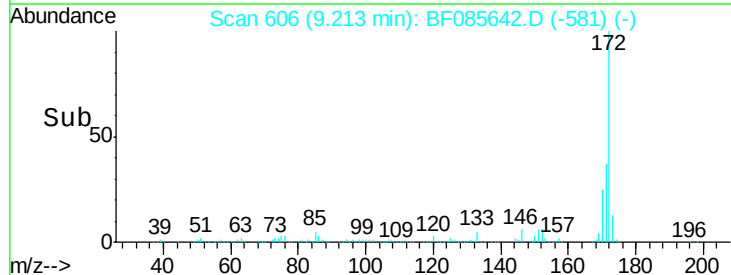


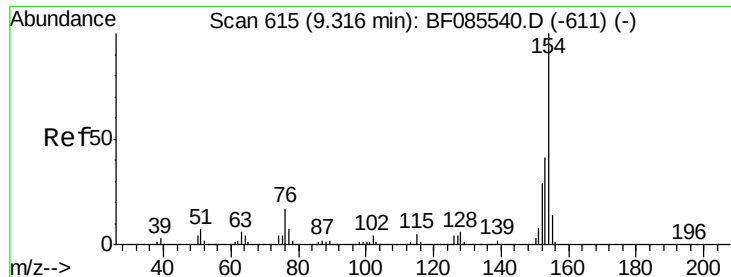
#44
 2-Fluorobiphenyl
 Concen: 90.87 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:172 Resp: 1552980
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.0 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

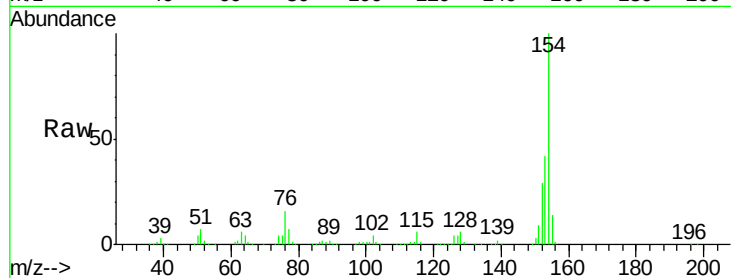




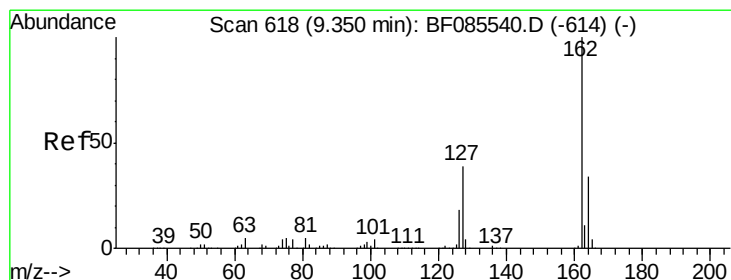
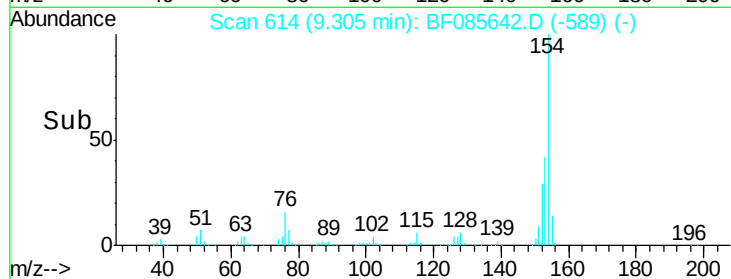
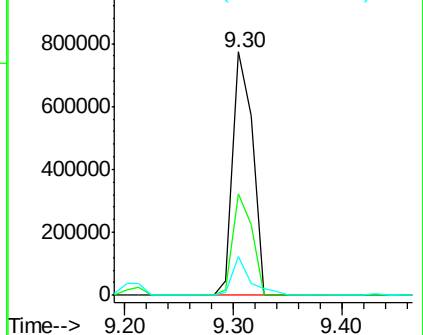
#45
 1,1'-Biphenyl
 Concen: 37.49 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 959333
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.8 60.8
 76 15.8 0.0 36.7

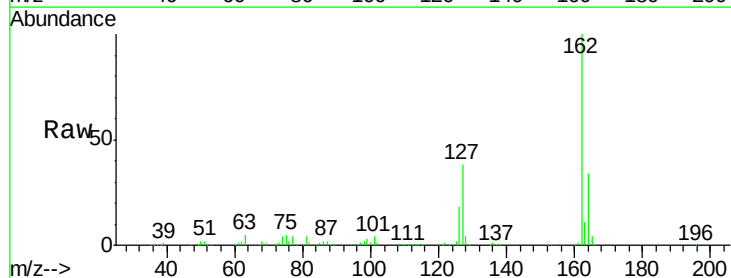


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

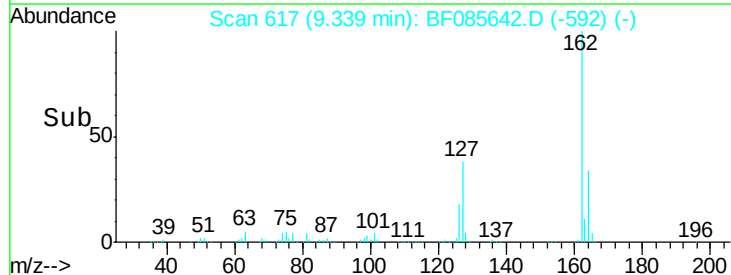
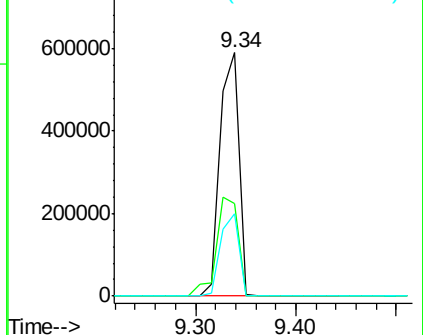


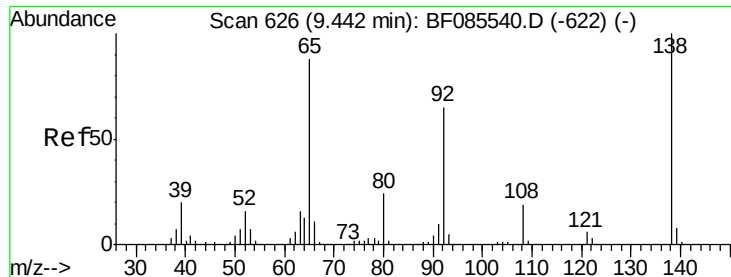
#46
 2-Chloronaphthalene
 Concen: 41.24 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:162 Resp: 770890
 Ion Ratio Lower Upper
 162 100
 127 38.2 31.7 47.5
 164 33.6 27.3 40.9



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

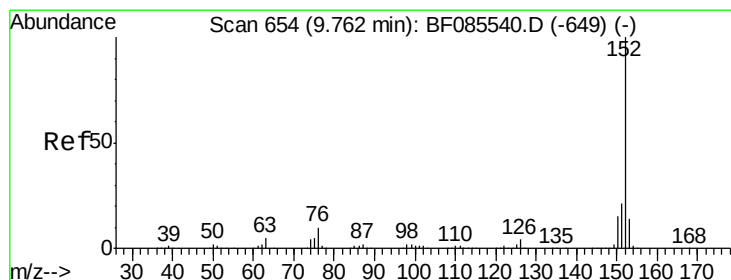
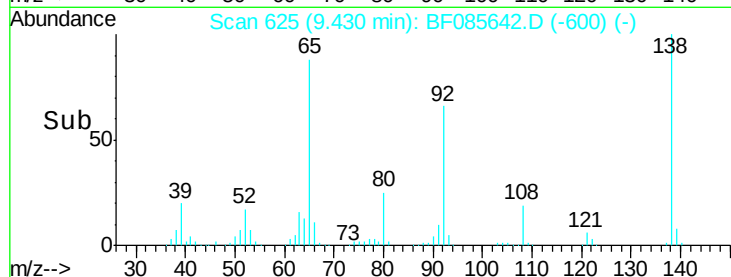
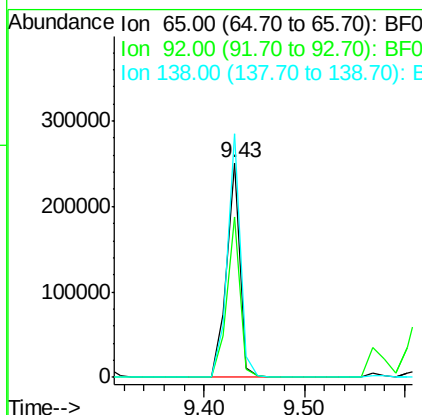
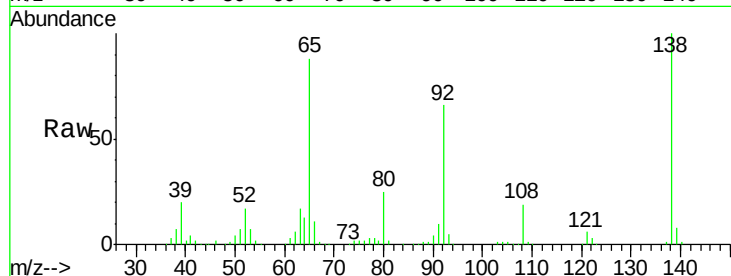




#47
2-Nitroaniline
Concen: 41.30 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

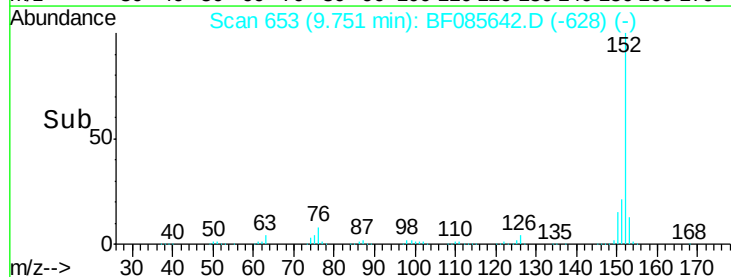
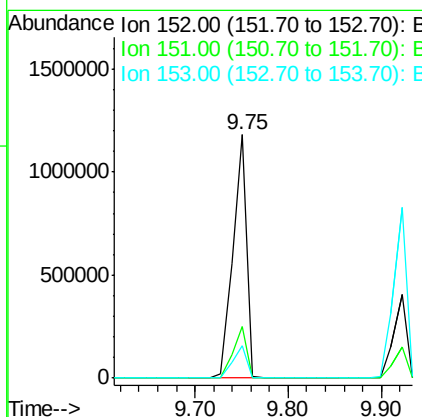
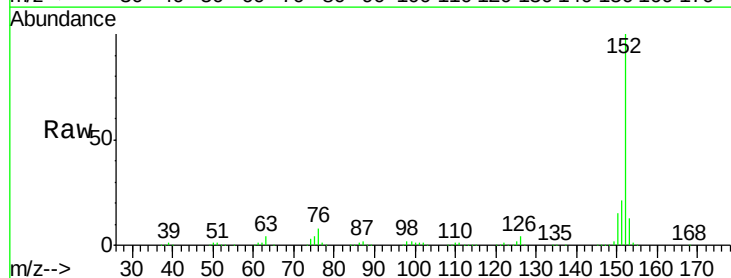
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

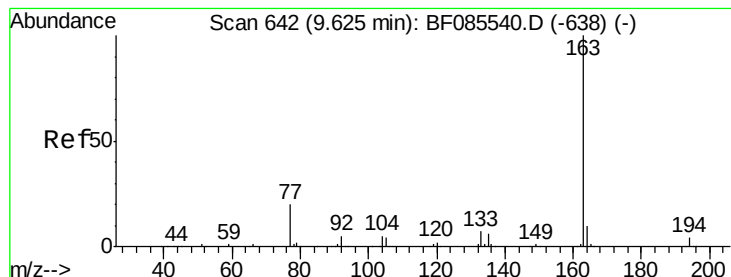
Tgt Ion: 65 Resp: 233539
Ion Ratio Lower Upper
65 100
92 74.8 59.7 89.5
138 113.5 91.4 137.0



#48
Acenaphthylene
Concen: 40.07 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion: 152 Resp: 1212131
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 39.27 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

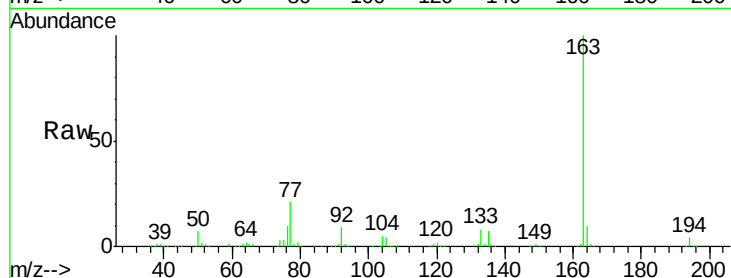
Tgt Ion:163 Resp: 879041

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

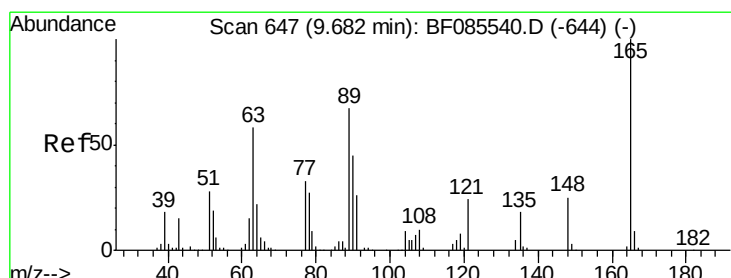
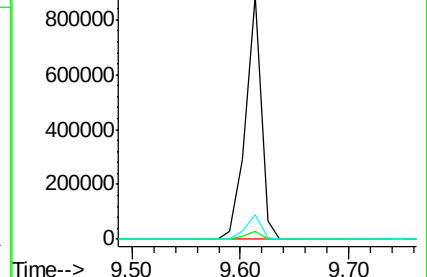
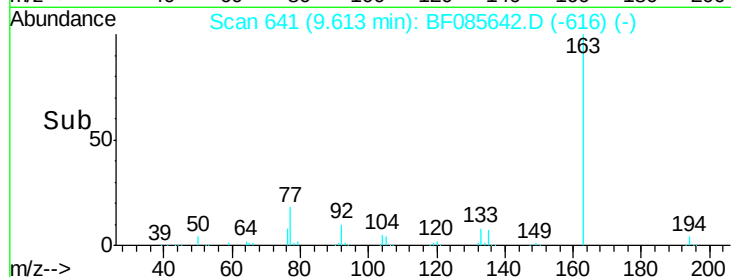
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.41 ng

RT: 9.67 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

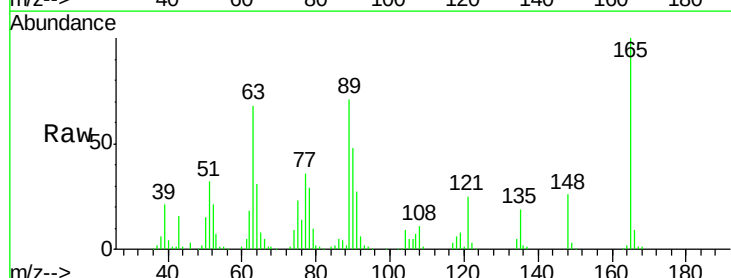
Tgt Ion:165 Resp: 176804

Ion Ratio Lower Upper

165 100

63 67.8 51.8 77.8

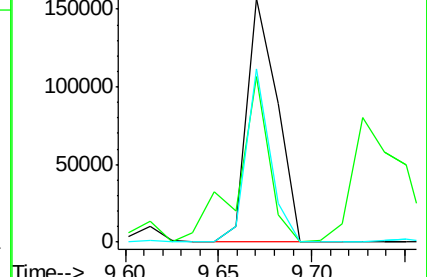
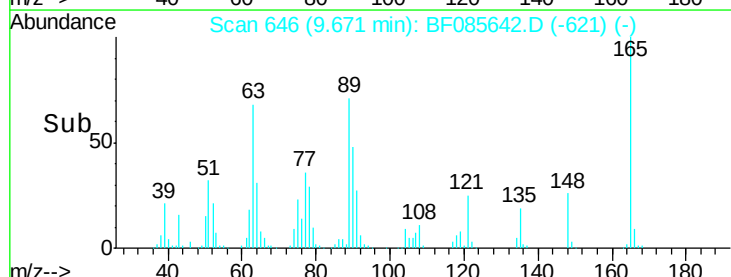
89 71.3 53.7 80.5

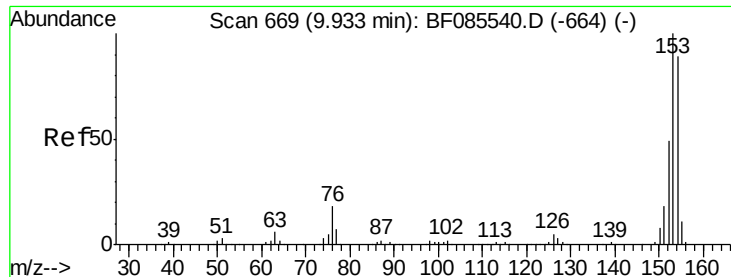


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

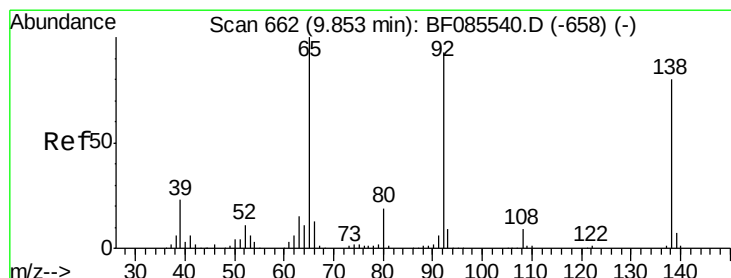
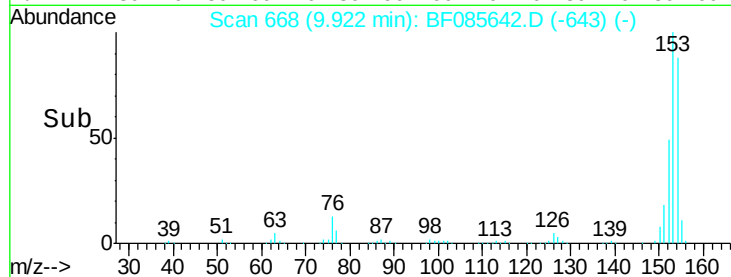
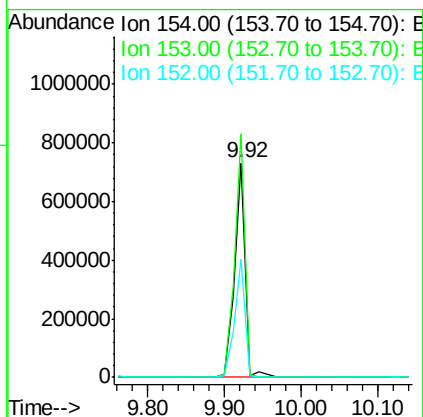
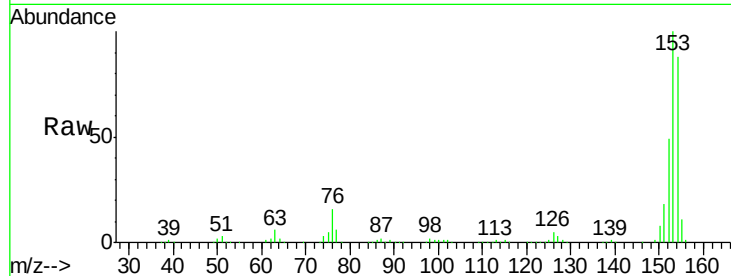




#51
Acenaphthene
Concen: 38.39 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

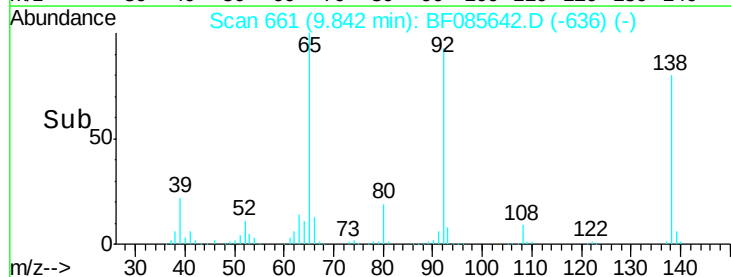
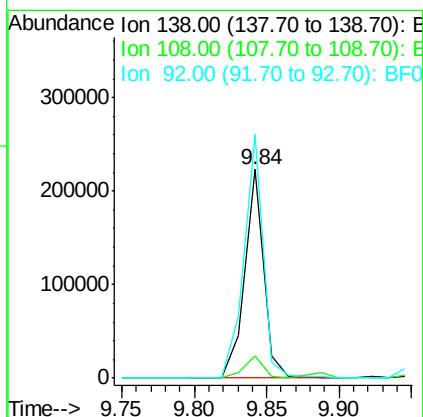
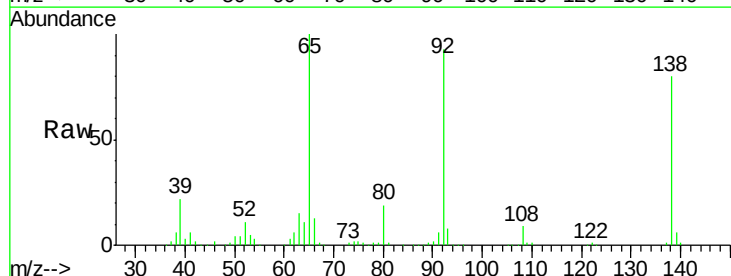
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

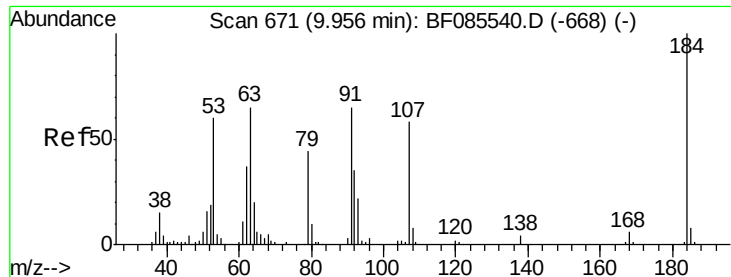
Tgt Ion:154 Resp: 728850
Ion Ratio Lower Upper
154 100
153 113.6 90.1 135.1
152 55.3 44.2 66.2



#52
3-Nitroaniline
Concen: 34.51 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:138 Resp: 204244
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 116.6 93.3 139.9

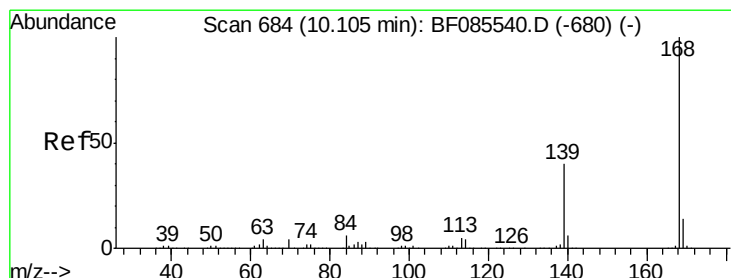
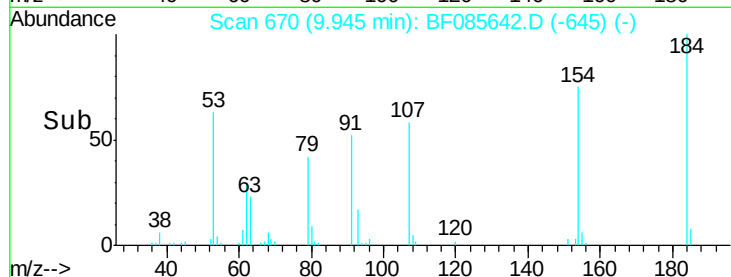
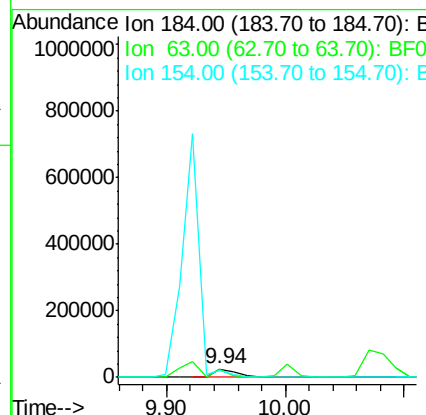
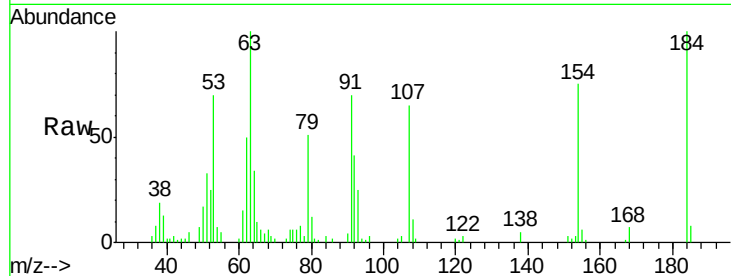




#53
2,4-Dinitrophenol
Concen: 12.20 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

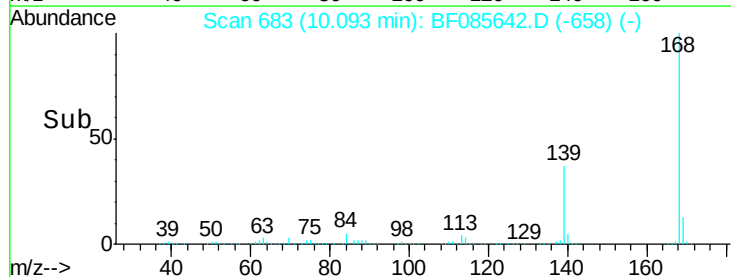
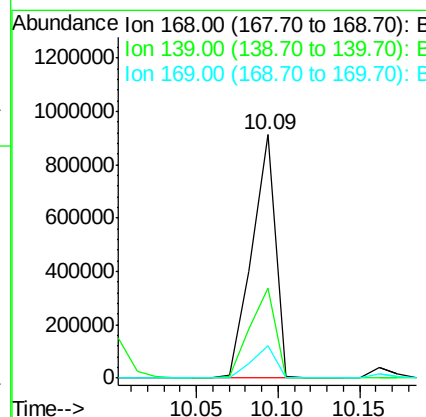
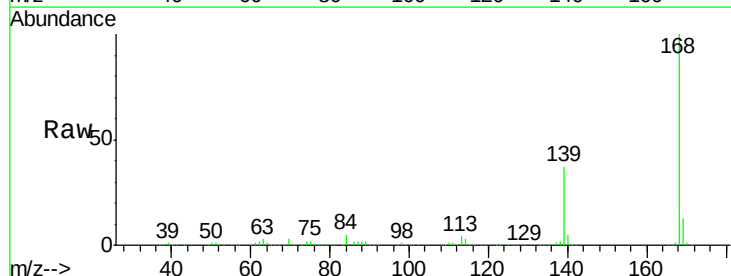
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

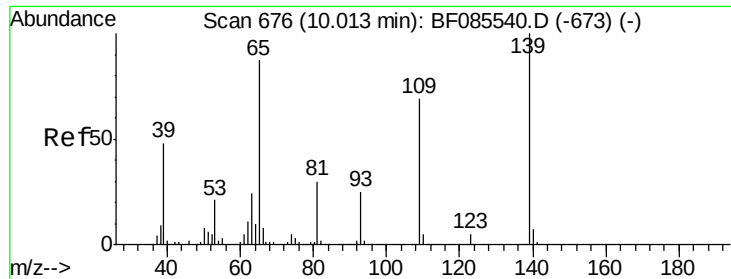
Tgt Ion:184 Resp: 35312
Ion Ratio Lower Upper
184 100
63 99.9 69.5 104.3
154 74.8 58.3 87.5



#54
Dibenzofuran
Concen: 39.72 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:168 Resp: 918287
Ion Ratio Lower Upper
168 100
139 37.1 31.9 47.9
169 13.3 11.0 16.6

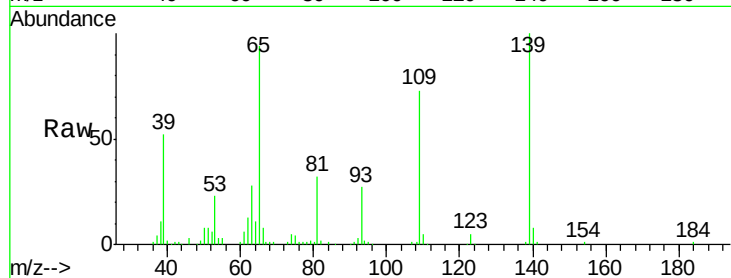




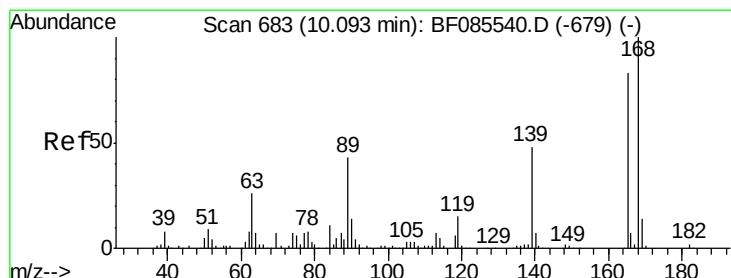
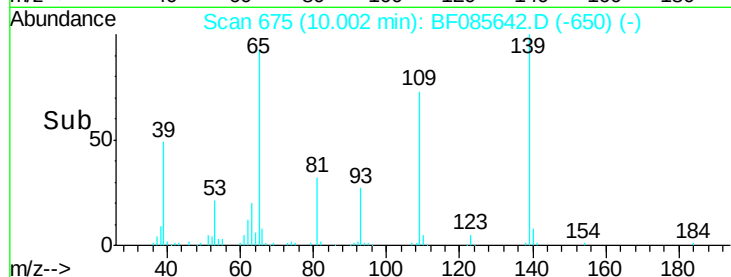
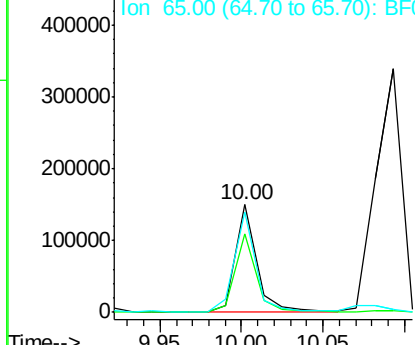
#55
4-Nitrophenol
Concen: 29.73 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 135995
Ion Ratio Lower Upper
139 100
109 73.3 49.2 89.2
65 93.6 66.9 106.9

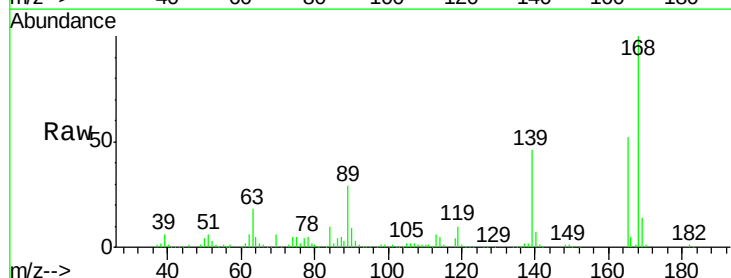


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

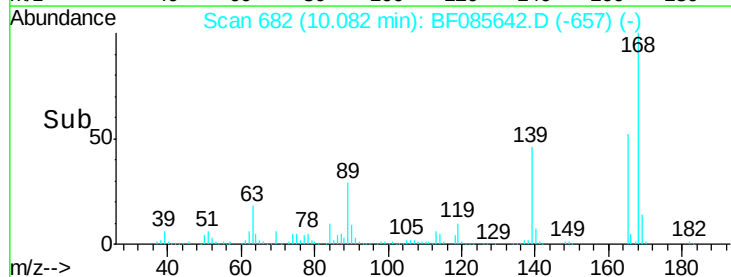
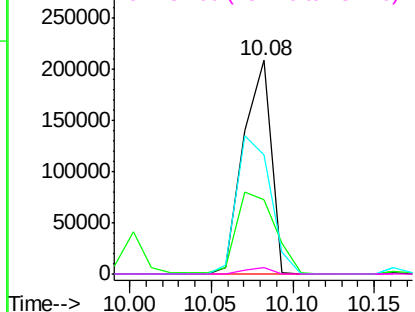


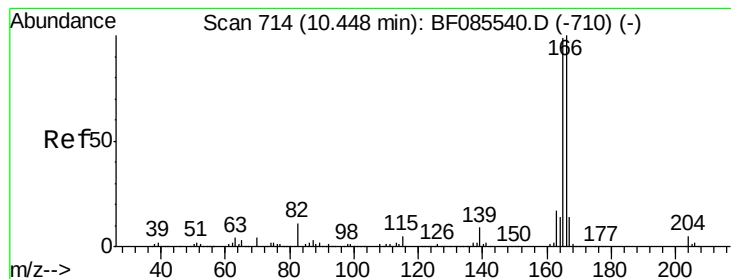
#56
2,4-Dinitrotoluene
Concen: 39.49 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:165 Resp: 244331
Ion Ratio Lower Upper
165 100
63 34.6 24.9 37.3
89 55.8 41.0 61.6
182 2.7 2.1 3.1



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.25 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

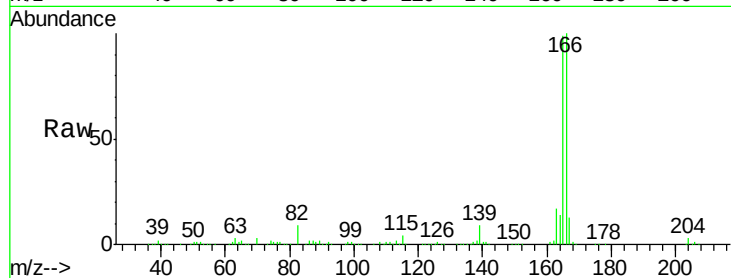
Tgt Ion:166 Resp: 737068

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

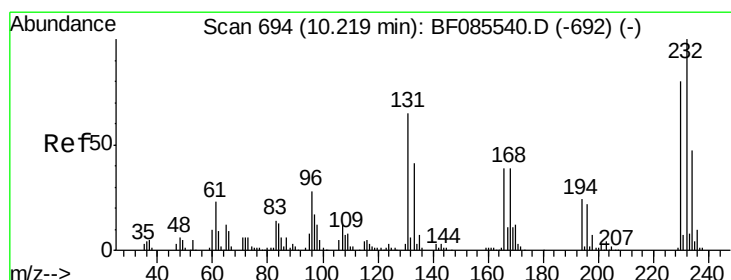
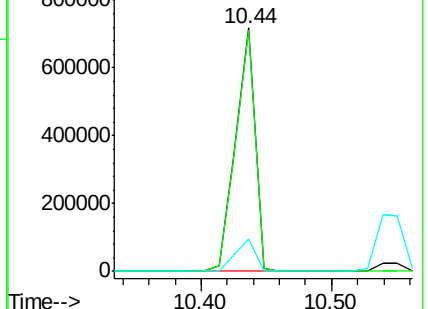
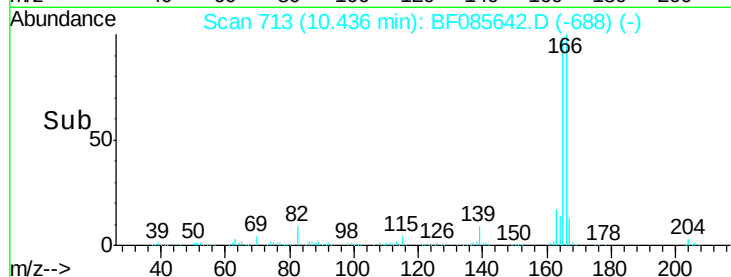
167 13.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.19 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:232 Resp: 158842

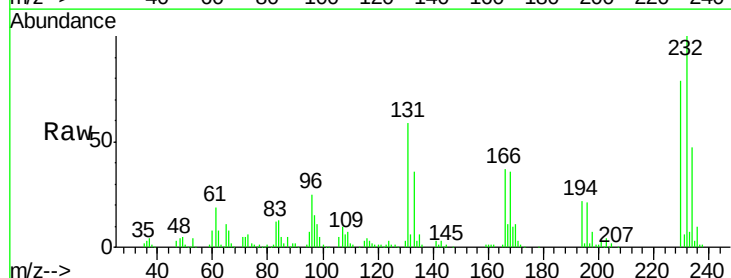
Ion Ratio Lower Upper

232 100

131 54.4 44.9 67.3

130 2.7 2.3 3.5

166 34.5 28.1 42.1

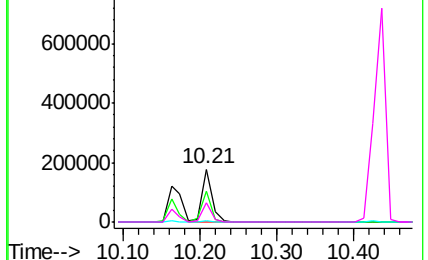
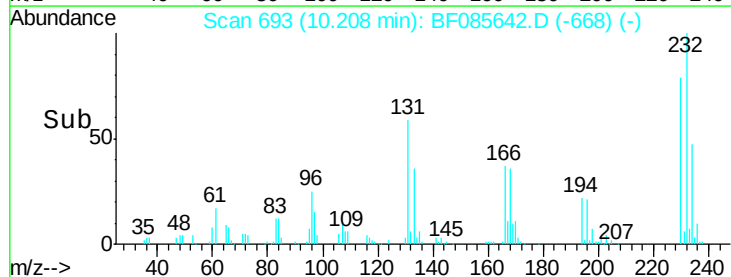


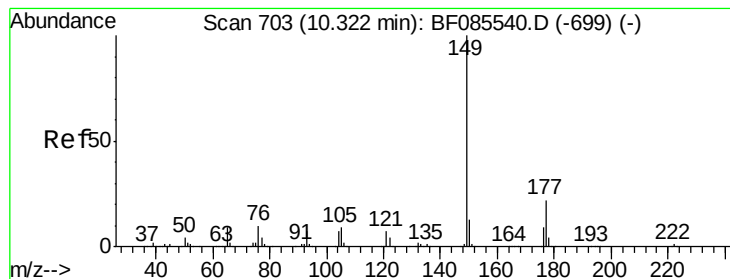
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.41 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

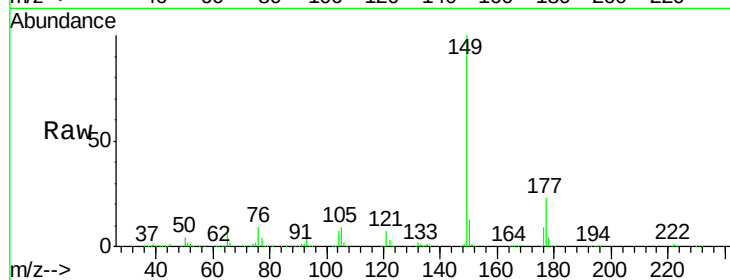
Tgt Ion:149 Resp: 899352

Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

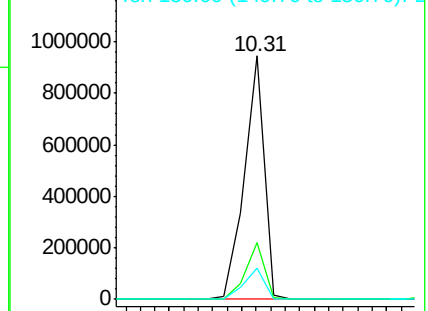
150 12.6 10.2 15.2



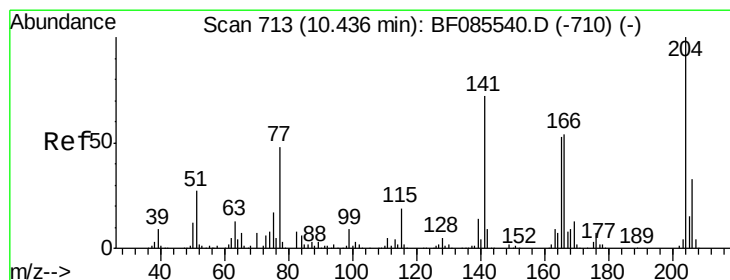
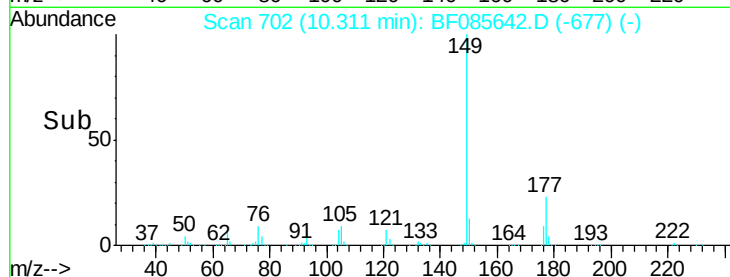
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 38.61 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

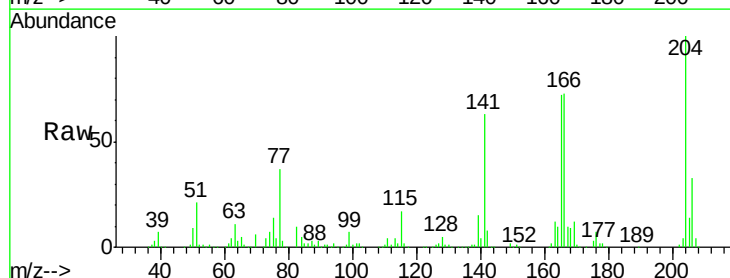
Tgt Ion:204 Resp: 363255

Ion Ratio Lower Upper

204 100

206 33.3 26.6 39.8

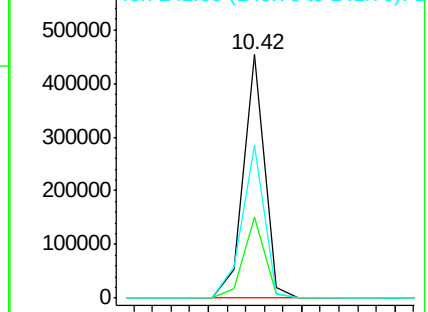
141 62.6 57.4 86.0



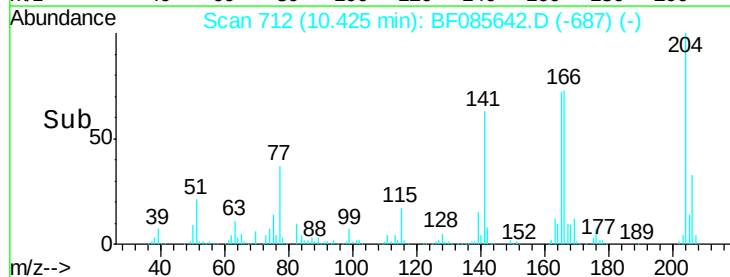
Abundance Ion 204.00 (203.70 to 204.70): E

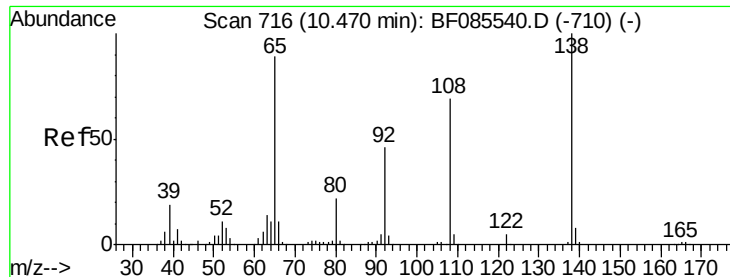
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

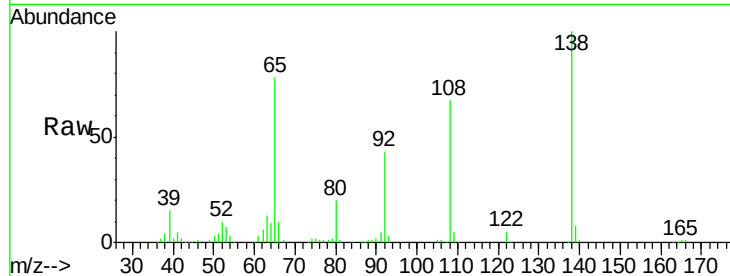




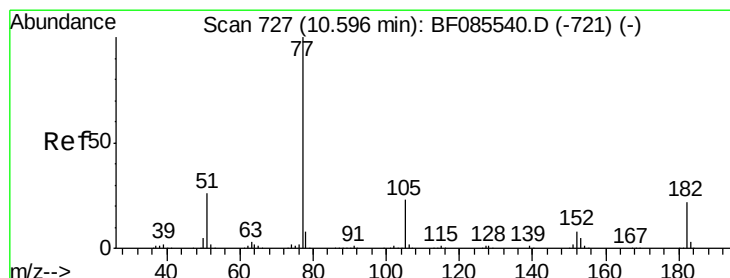
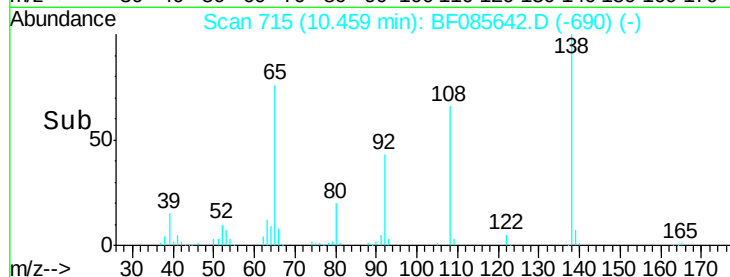
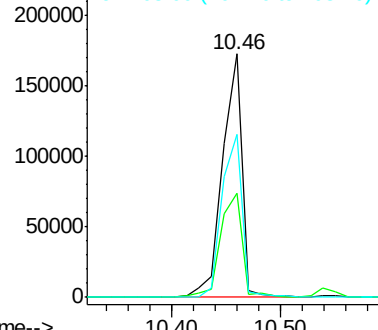
#61
4-Nitroaniline
Concen: 36.93 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 138 Resp: 215468
Ion Ratio Lower Upper
138 100
92 42.6 26.4 66.4
108 67.2 49.0 89.0

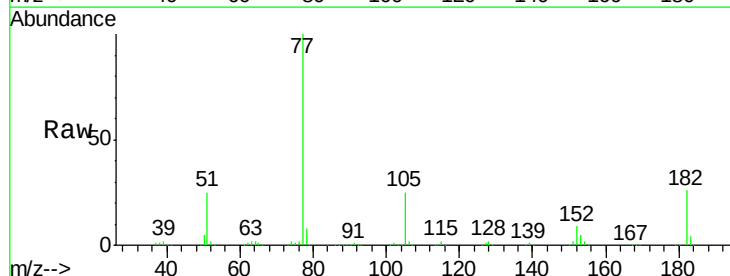


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

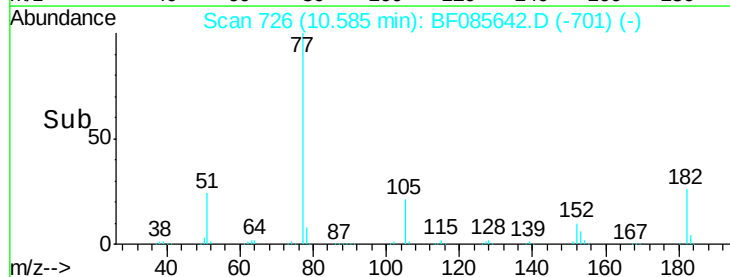
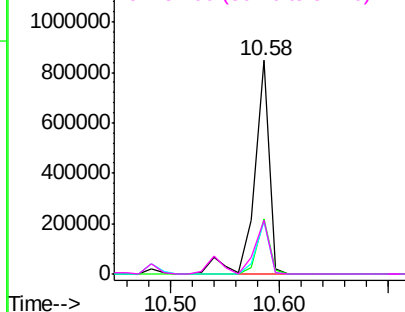


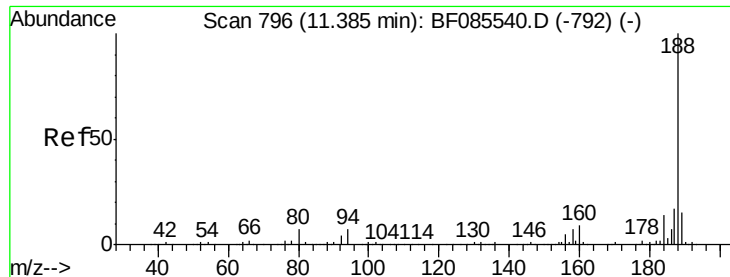
#62
Azobenzene
Concen: 38.11 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion: 77 Resp: 814000
Ion Ratio Lower Upper
77 100
182 25.8 1.9 41.9
105 24.7 3.5 43.5
51 25.1 6.3 46.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

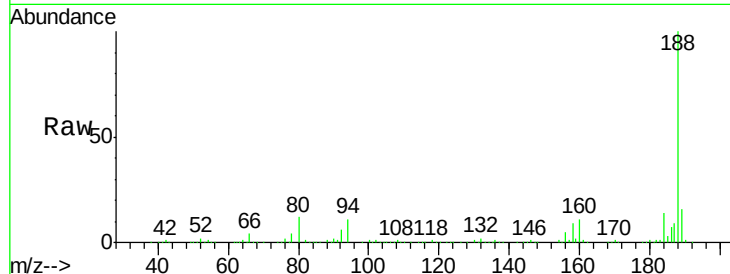




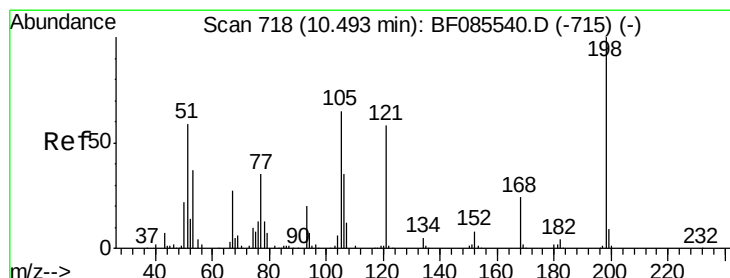
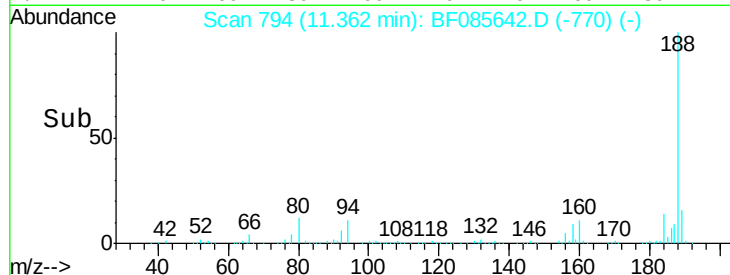
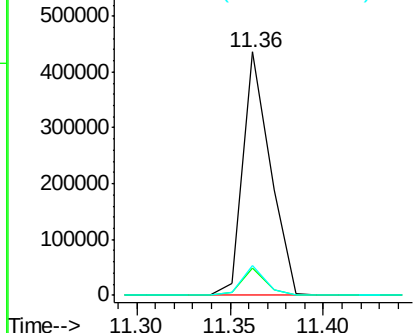
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:188 Resp: 447841
 Ion Ratio Lower Upper
 188 100
 94 11.4 5.4 8.0#
 80 12.3 5.5 8.3#

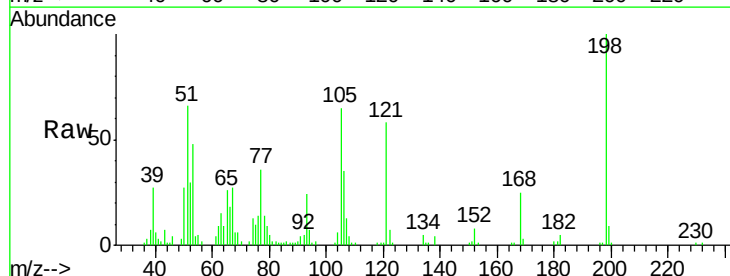


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

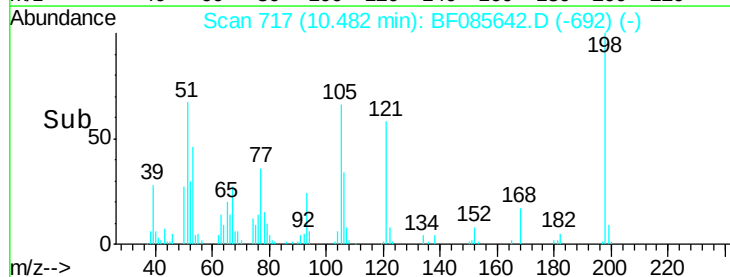
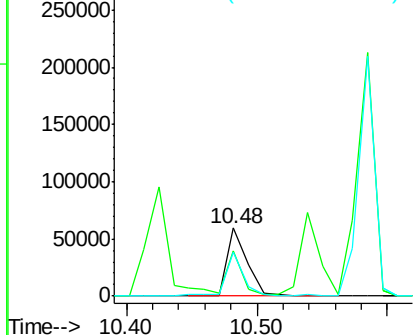


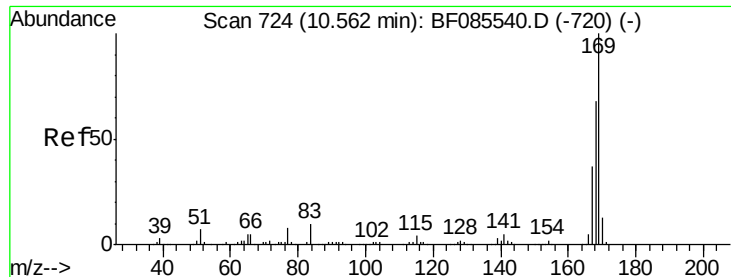
#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.02 ng
 RT: 10.48 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:198 Resp: 63111
 Ion Ratio Lower Upper
 198 100
 51 66.5 45.4 85.4
 105 65.4 45.9 85.9



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.71 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

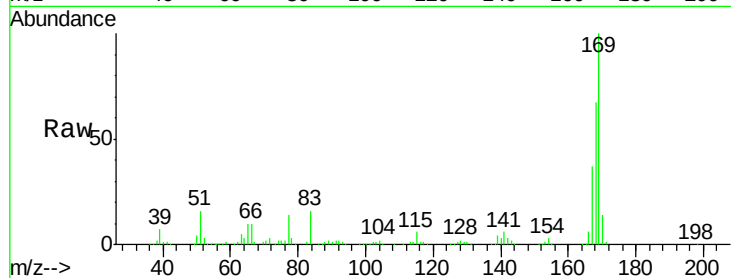
Tgt Ion:169 Resp: 637625

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

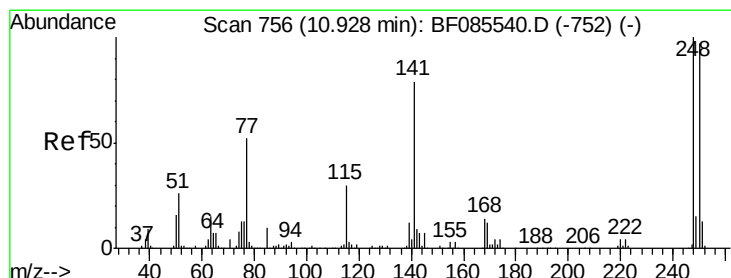
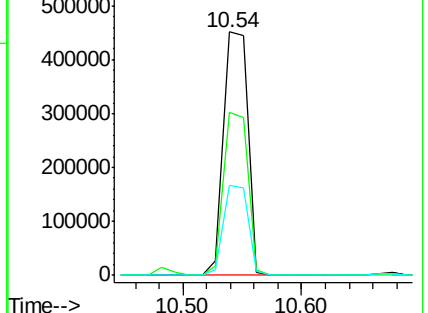
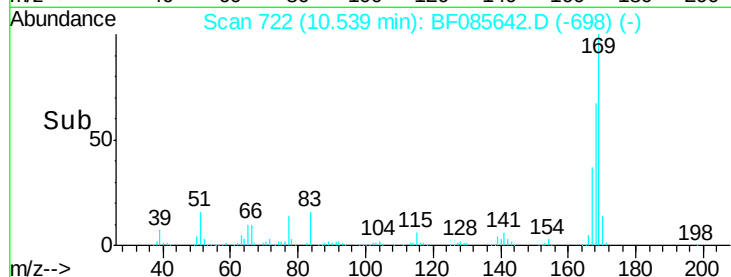
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.34 ng

RT: 10.92 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

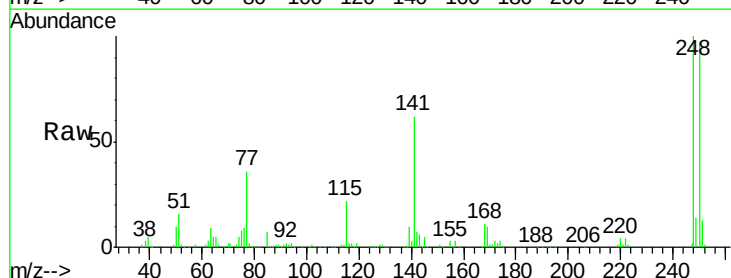
Tgt Ion:248 Resp: 225196

Ion Ratio Lower Upper

248 100

250 97.3 77.4 116.0

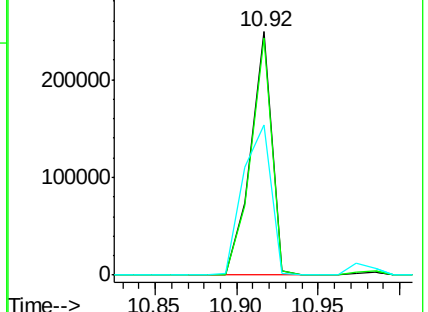
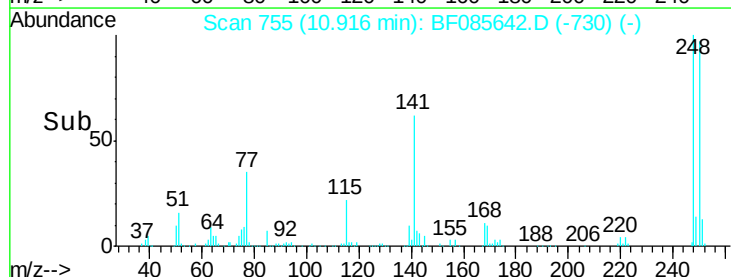
141 61.7 63.6 95.4#

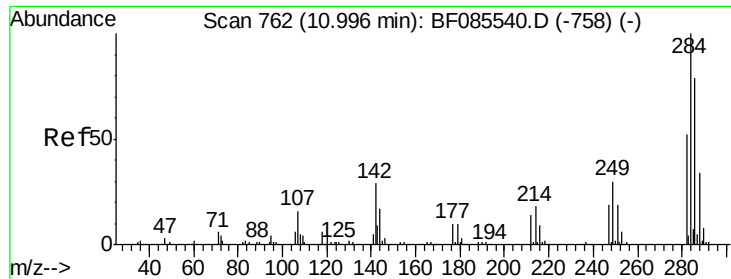


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

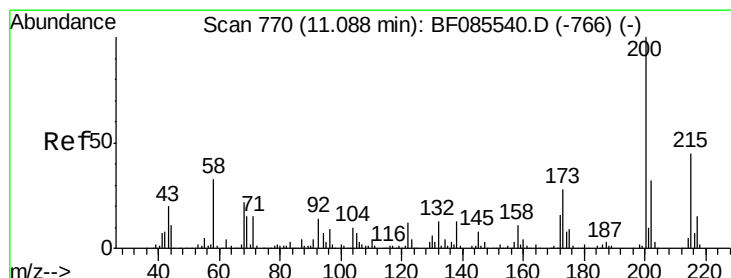
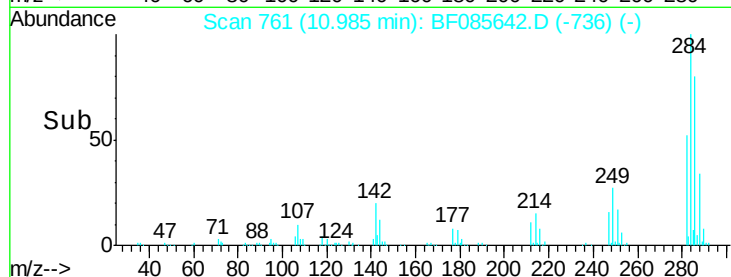
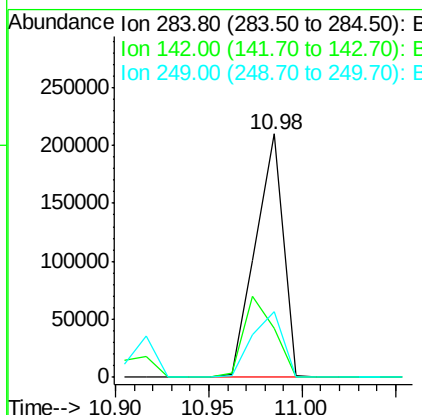
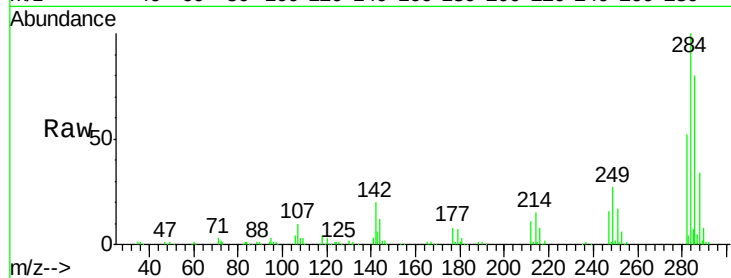




#67
Hexachlorobenzene
Concen: 45.44 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

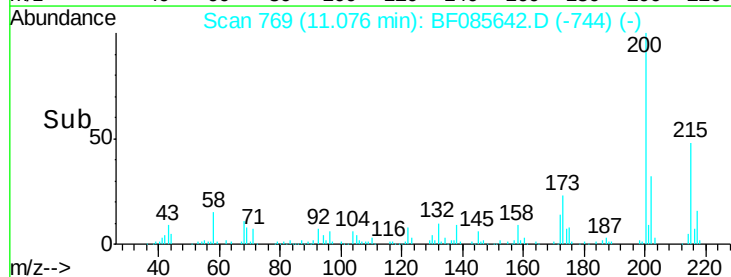
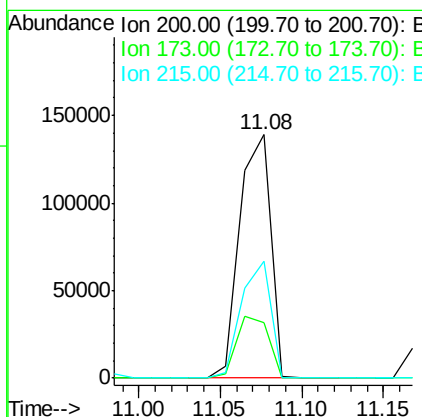
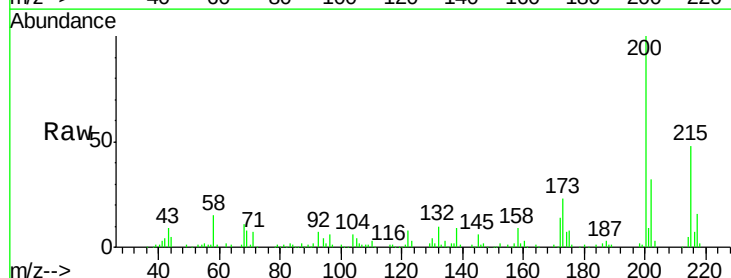
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

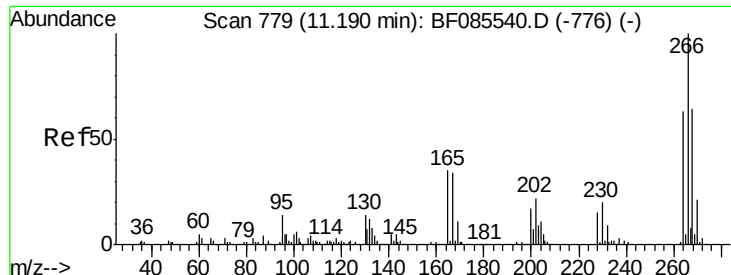
Tgt Ion:284 Resp: 215957
Ion Ratio Lower Upper
284 100
142 20.1 23.1 34.7#
249 26.8 24.2 36.2



#68
Atrazine
Concen: 42.99 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:200 Resp: 182600
Ion Ratio Lower Upper
200 100
173 23.0 7.7 47.7
215 48.3 25.4 65.4

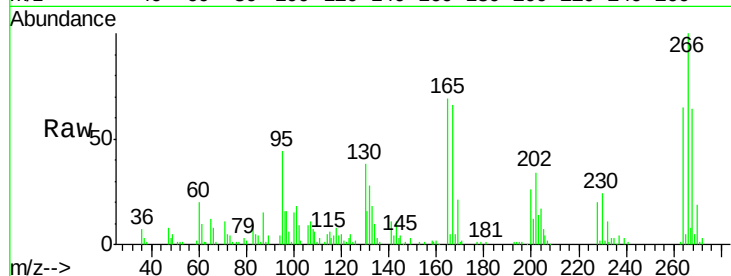




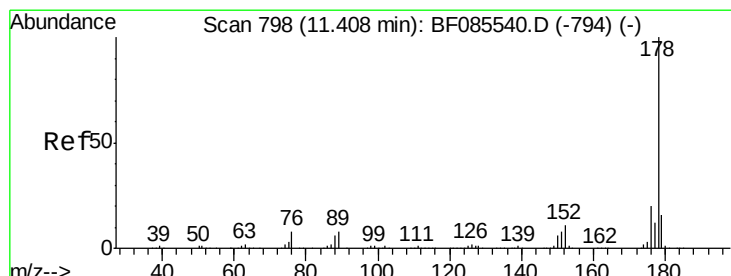
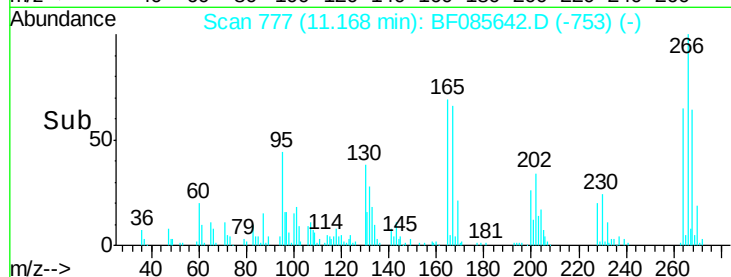
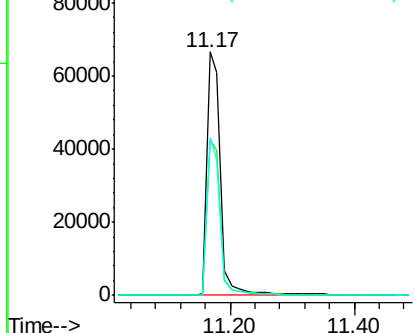
#69
 Pentachlorophenol
 Concen: 34.67 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 100060
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.5 77.3
 264 64.9 50.6 76.0

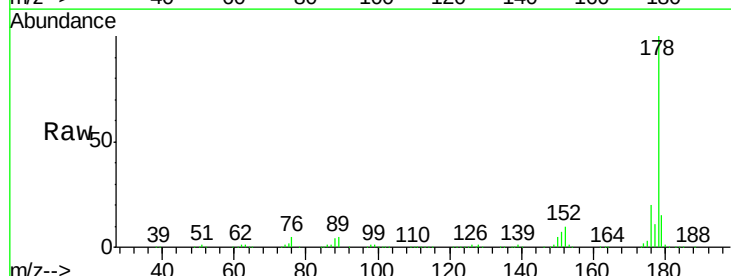


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

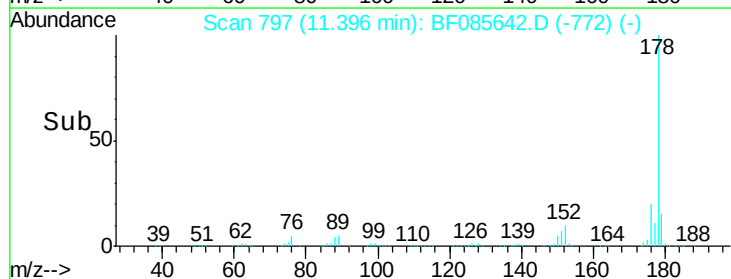
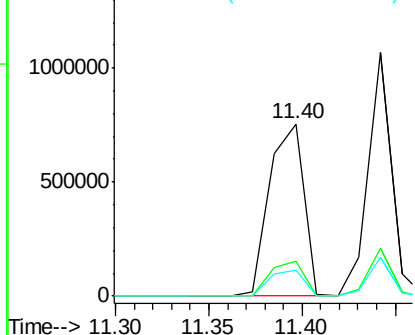


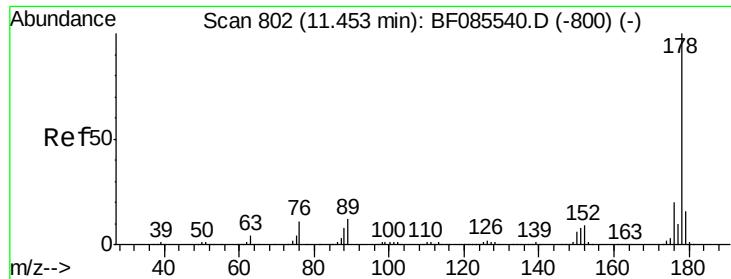
#70
 Phenanthrene
 Concen: 40.95 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:178 Resp: 966875
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

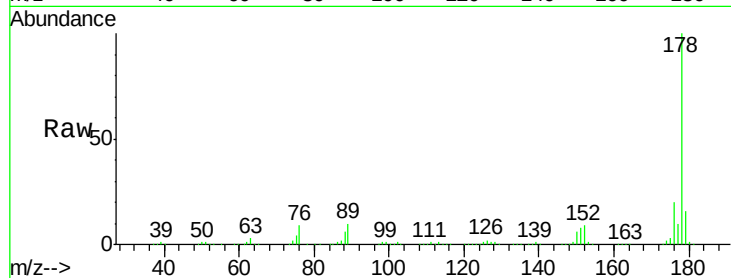




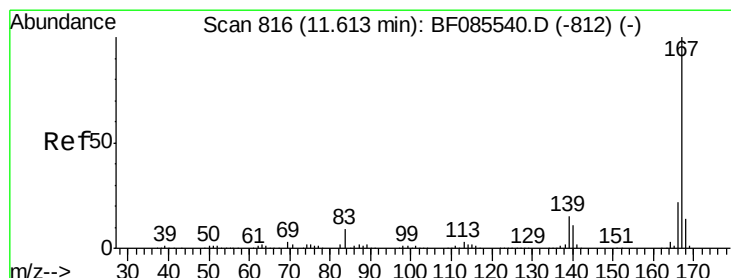
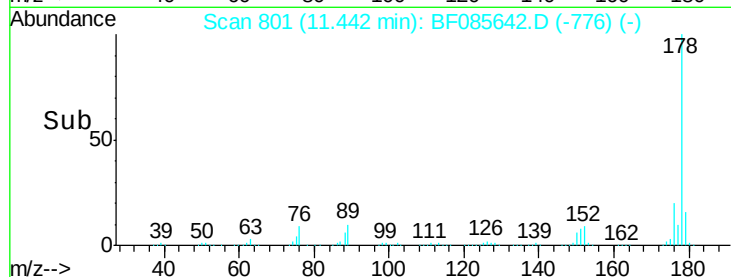
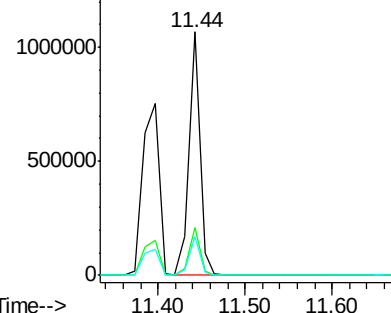
#71
 Anthracene
 Concen: 37.31 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 923748
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.8 13.0 19.4

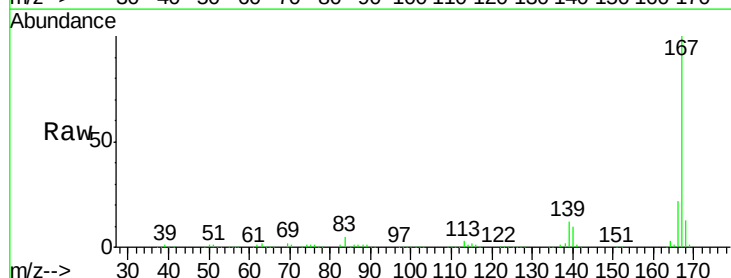


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

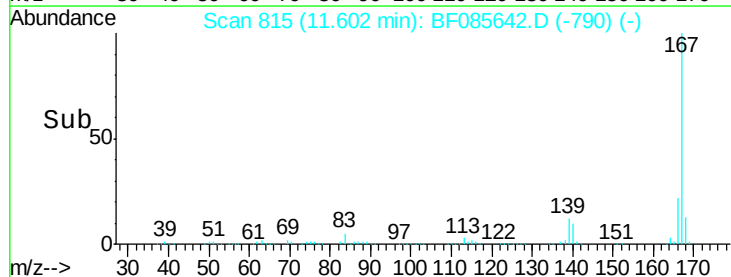
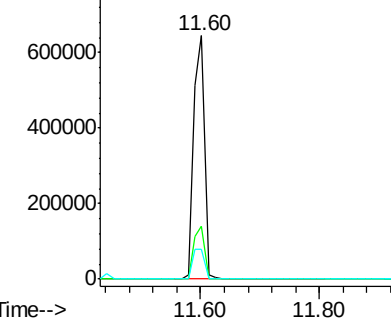


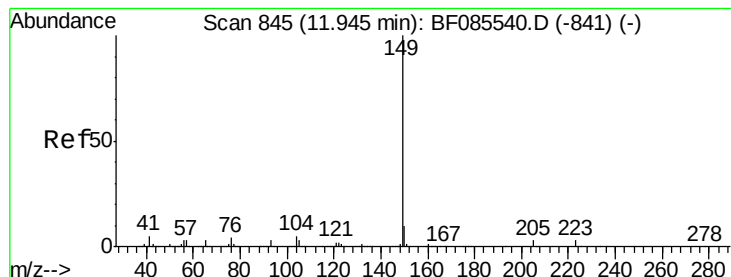
#72
 Carbazole
 Concen: 38.47 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:167 Resp: 821753
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.4 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 43.31 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

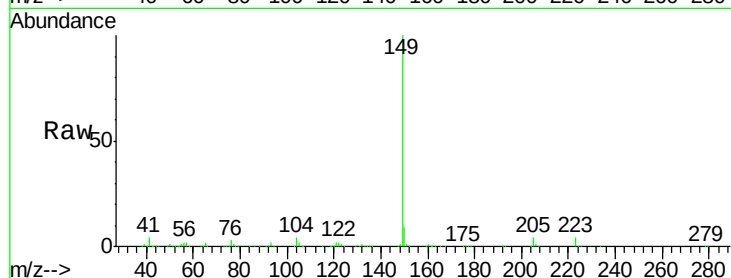
Tgt Ion:149 Resp: 1158530

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

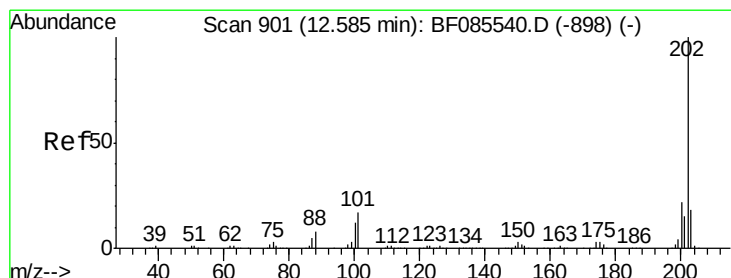
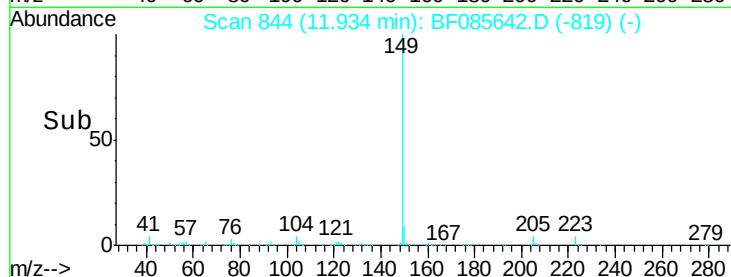
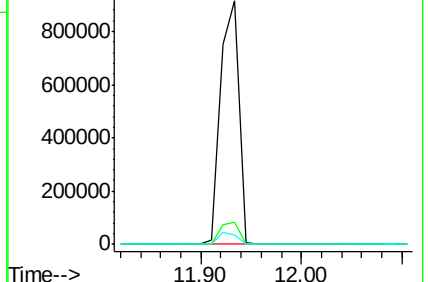
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.17 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

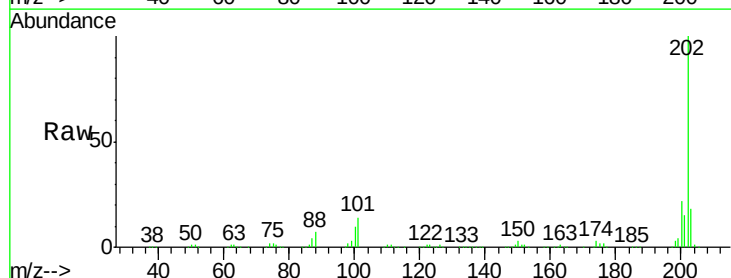
Tgt Ion:202 Resp: 795294

Ion Ratio Lower Upper

202 100

101 13.8 0.0 36.6

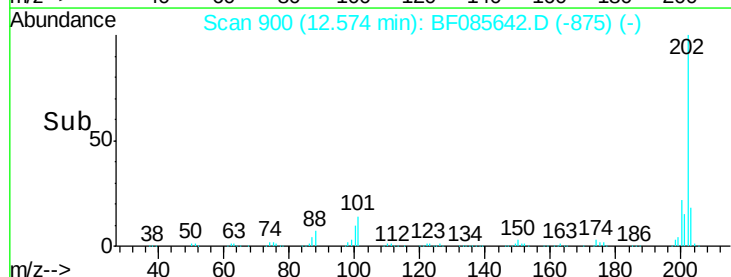
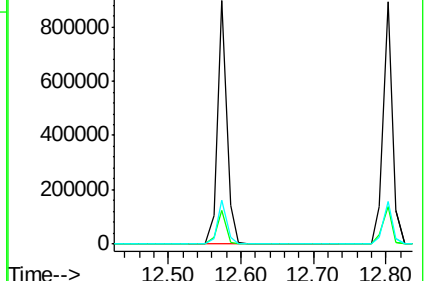
203 17.9 0.0 38.1

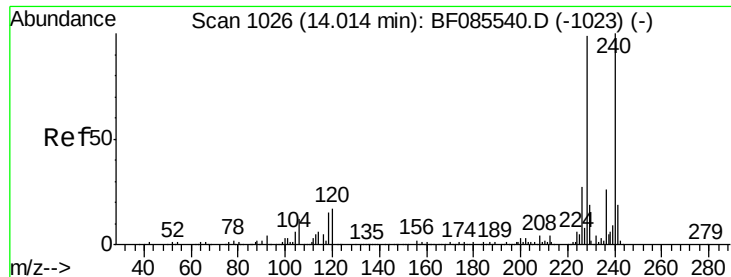


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

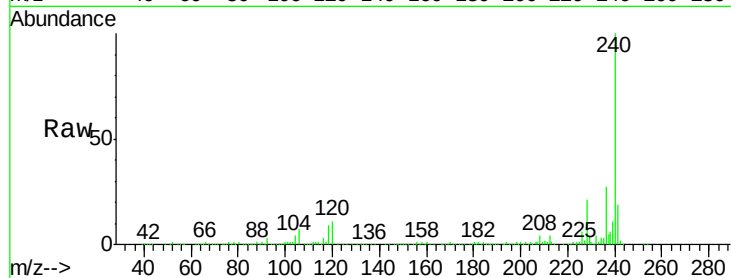
Tgt Ion:240 Resp: 344151

Ion Ratio Lower Upper

240 100

120 10.6 13.8 20.8#

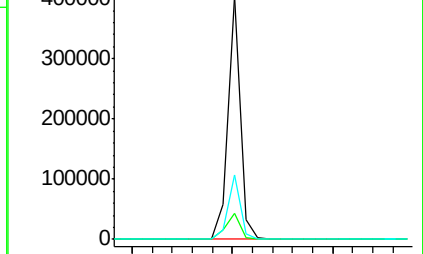
236 26.5 20.6 30.8



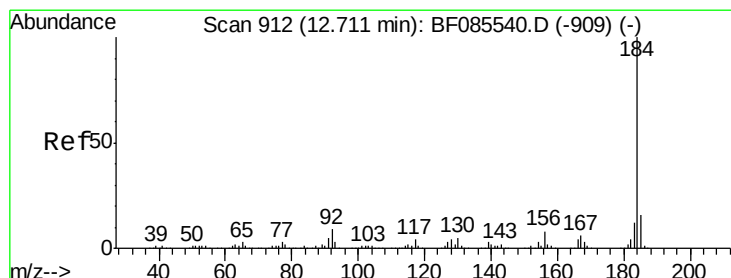
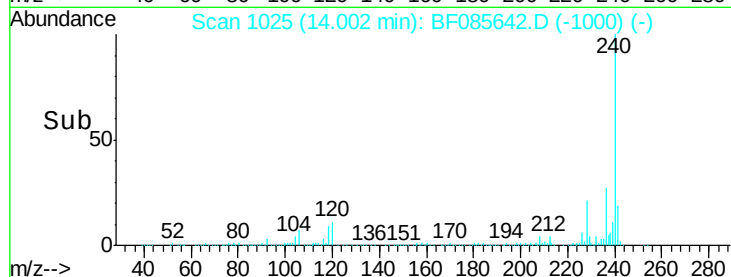
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 32.71 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

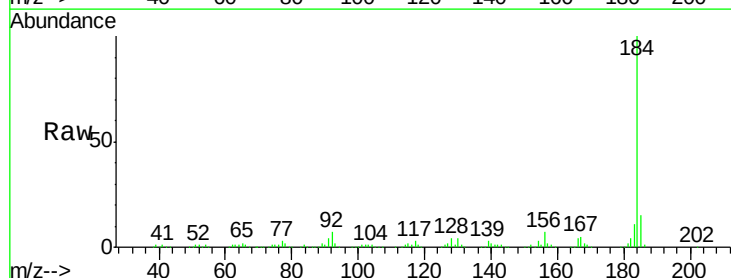
Tgt Ion:184 Resp: 378579

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

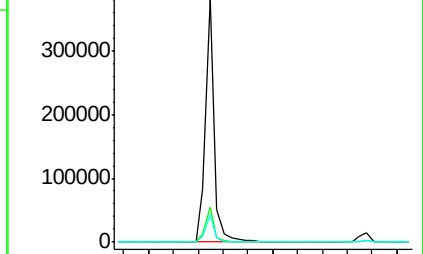
183 11.3 9.4 14.2



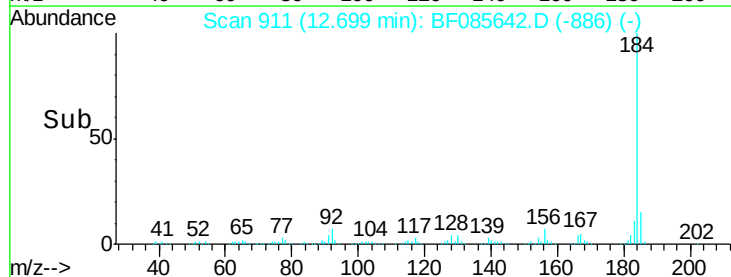
Abundance Ion 184.00 (183.70 to 184.70): E

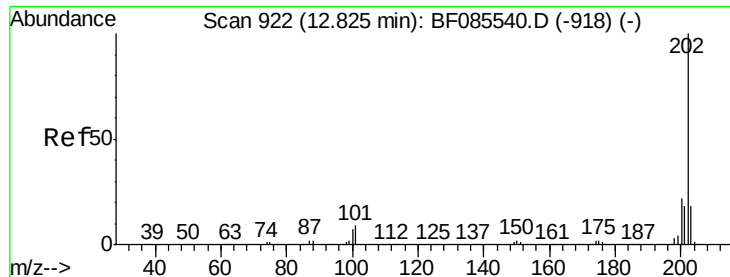
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.80

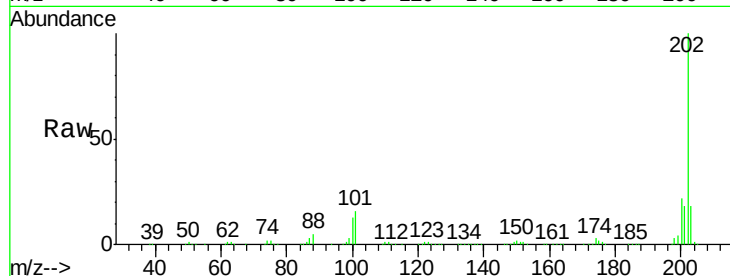




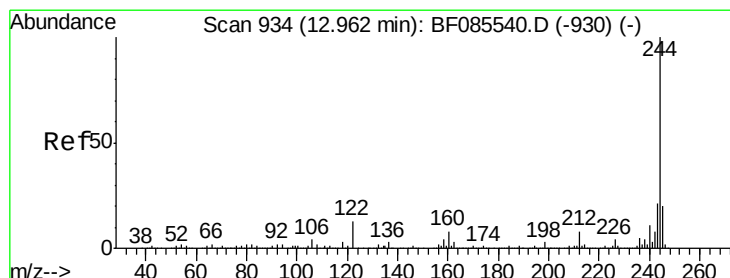
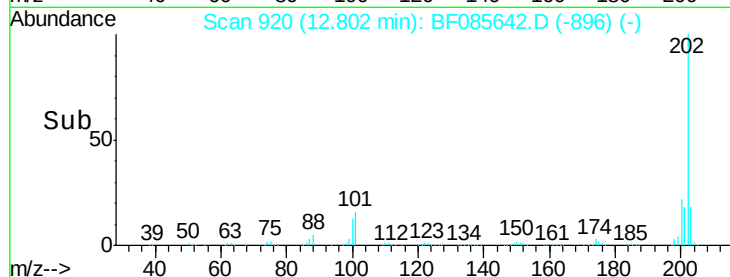
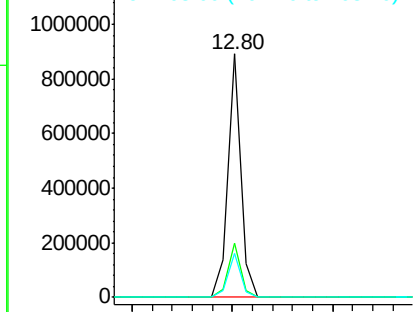
#77
Pyrene
 Concen: 32.30 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion: 202 Resp: 798071
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 17.9 14.0 21.0

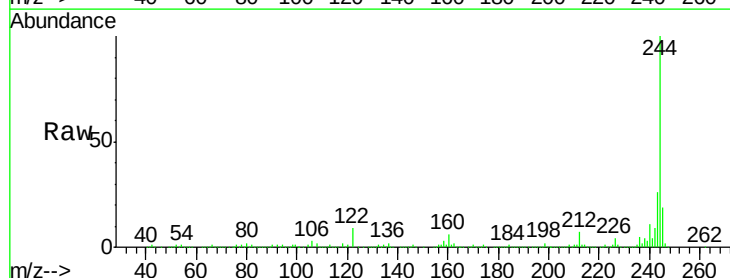


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

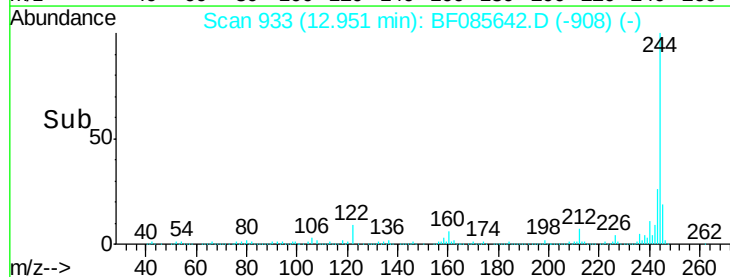
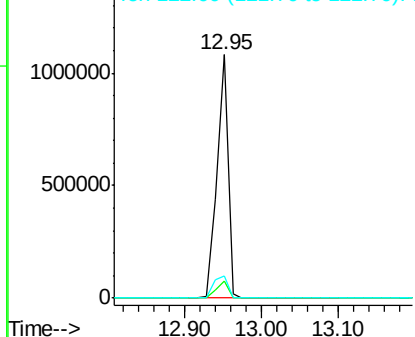


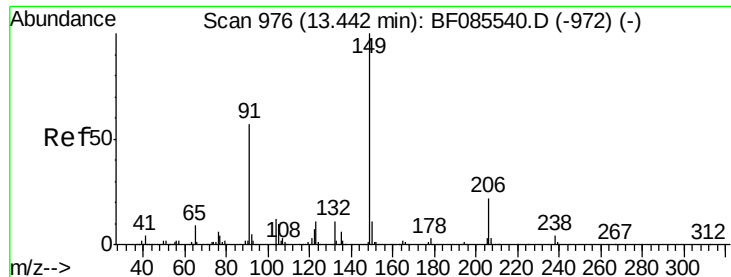
#78
Terphenyl-d14
 Concen: 74.68 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion: 244 Resp: 1067995
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.9 10.2 15.4#



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

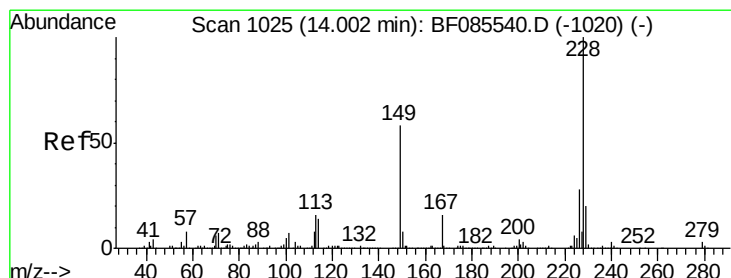
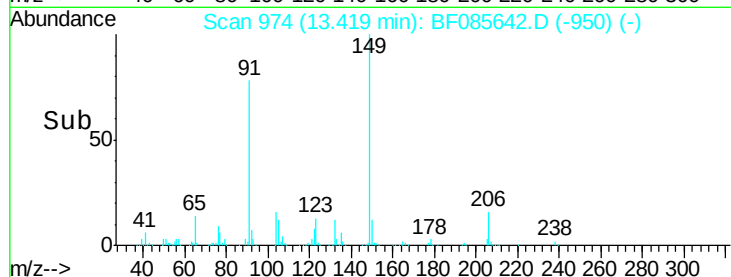
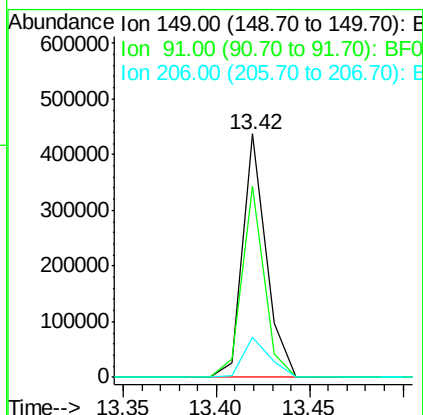
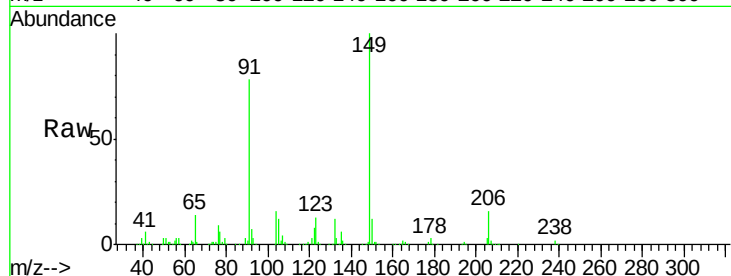




#79
Butylbenzylphthalate
Concen: 32.75 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

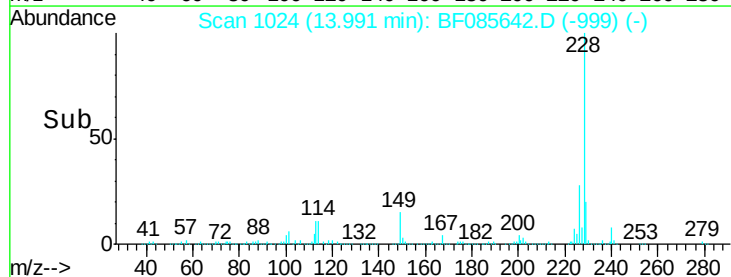
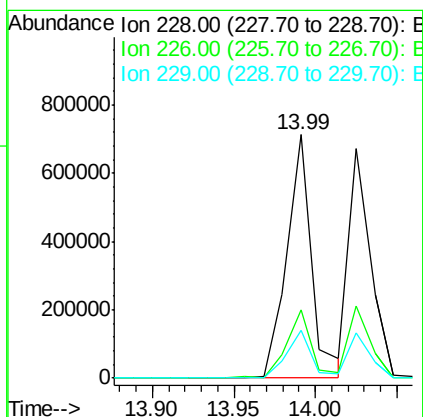
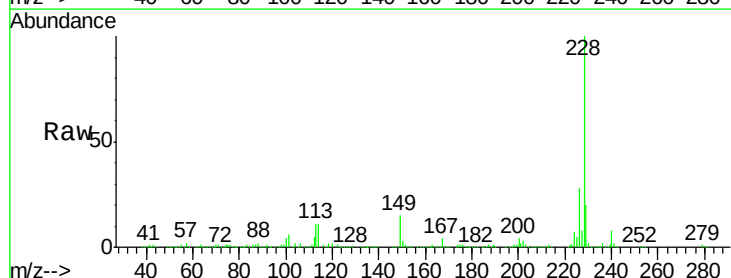
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

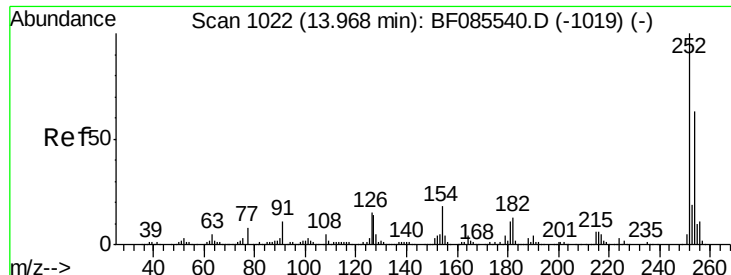
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.3	45.8	68.8#
206	16.5	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.9	16.2	24.4

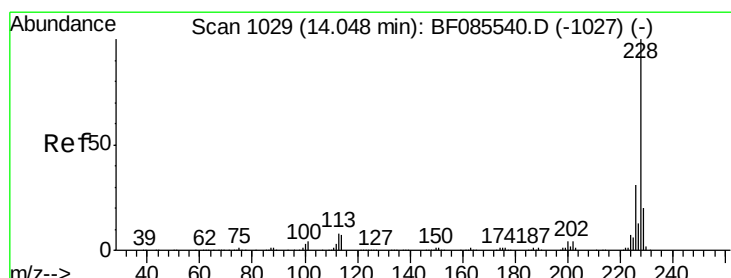
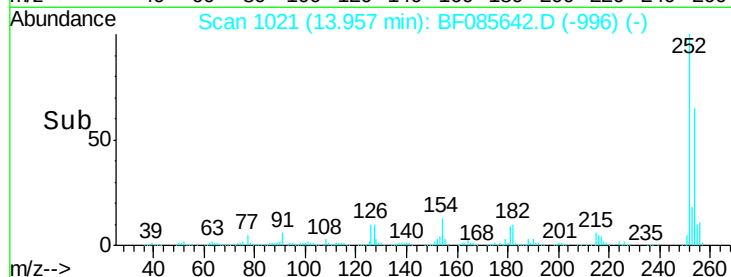
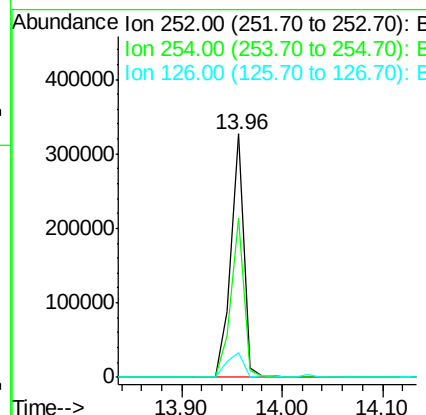
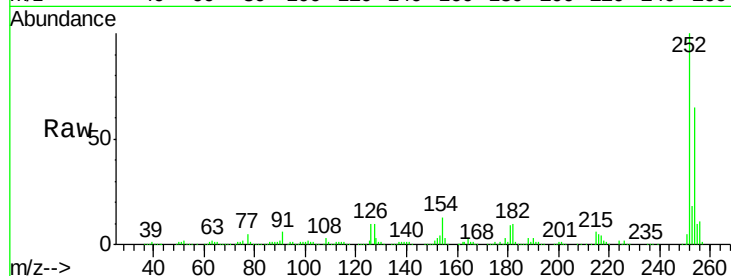




#81
 3,3'-Dichlorobenzidine
 Concen: 40.91 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

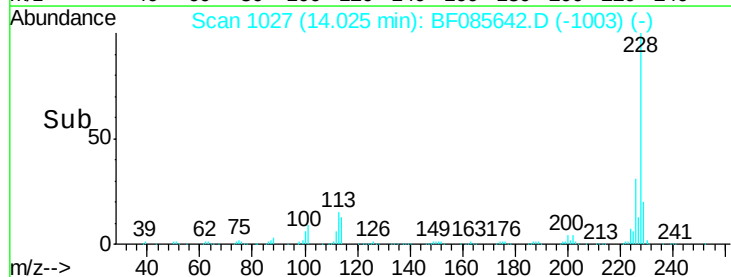
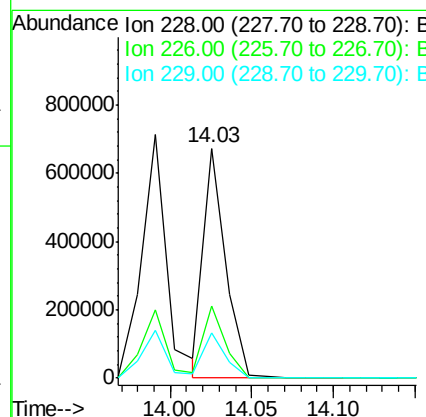
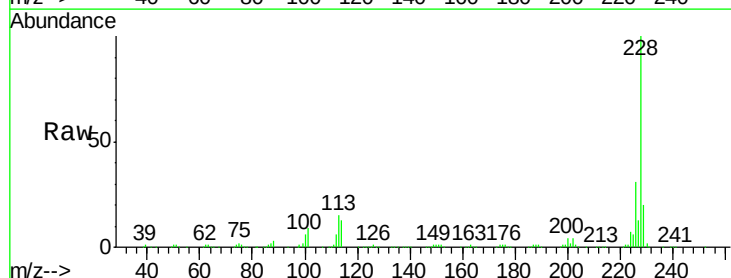
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

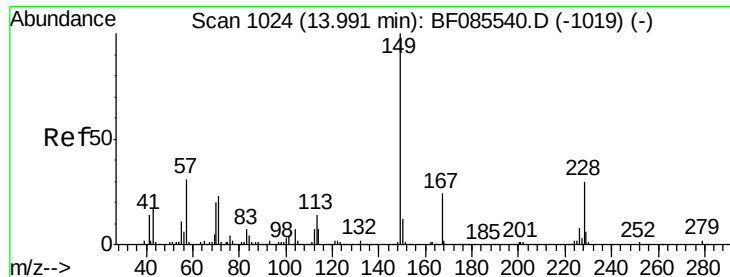
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.7	76.1
126	9.9	11.8	17.6#



#82
 Chrysene
 Concen: 33.27 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.7	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.28 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

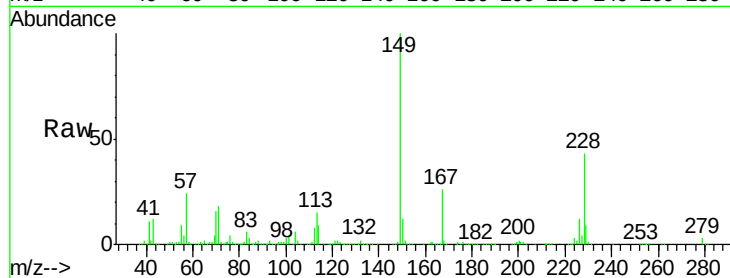
Tgt Ion:149 Resp: 501675

Ion Ratio Lower Upper

149 100

167 25.5 19.4 29.2

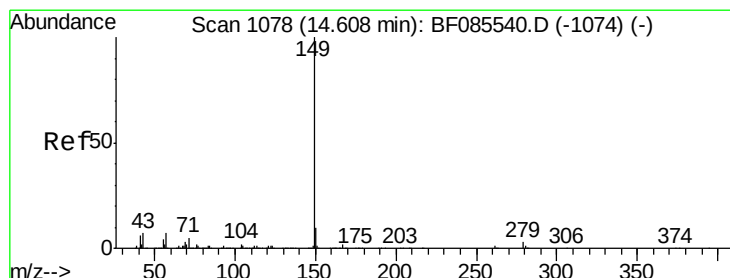
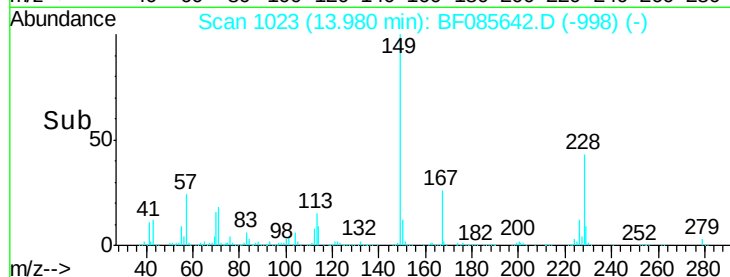
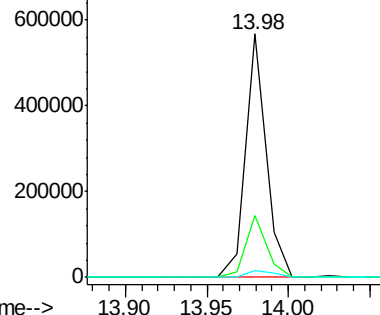
279 2.7 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.31 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

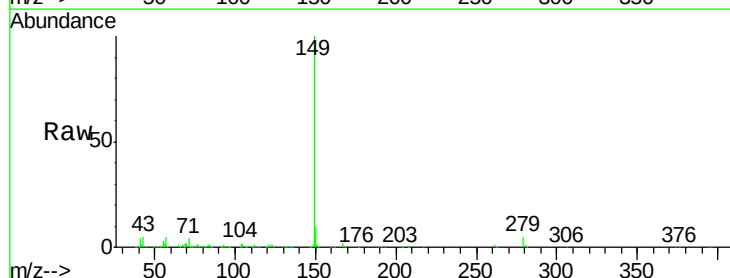
Tgt Ion:149 Resp: 985019

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

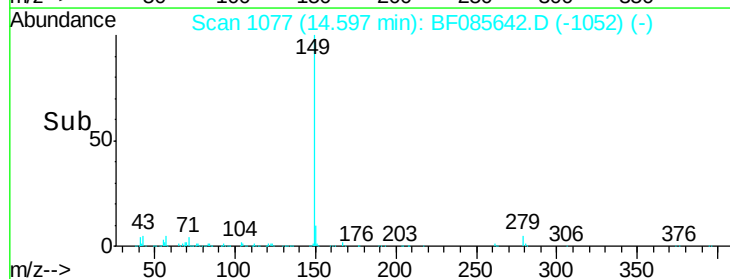
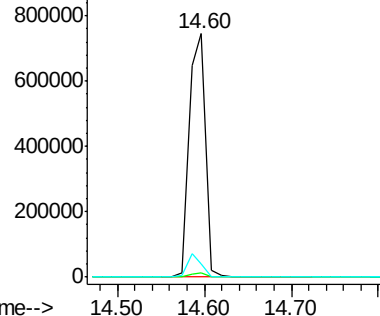
43 8.3 7.1 10.7

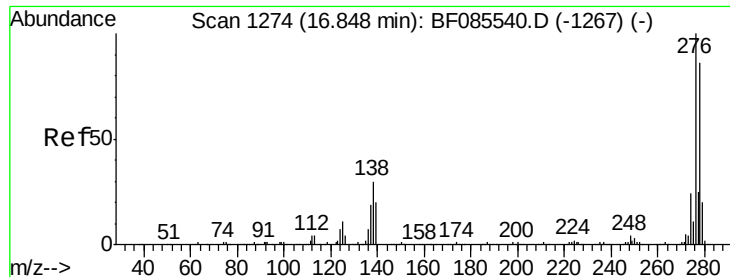


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

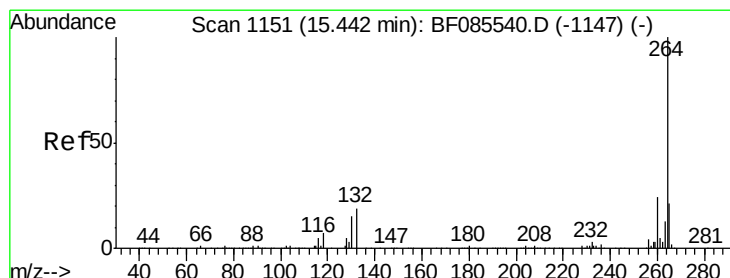
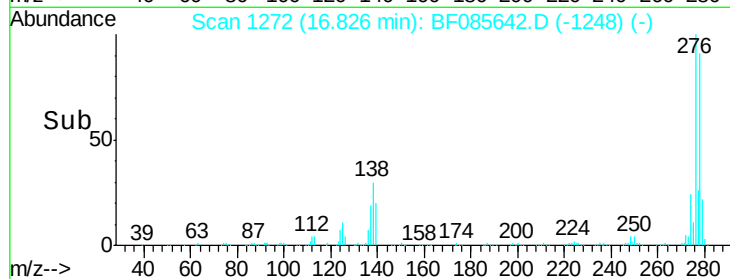
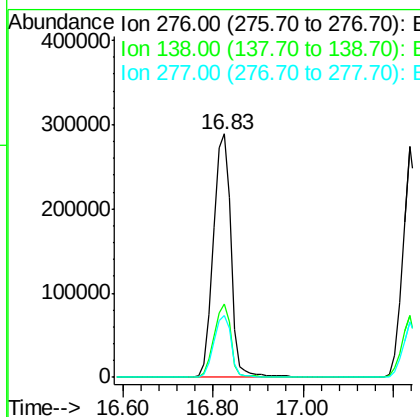
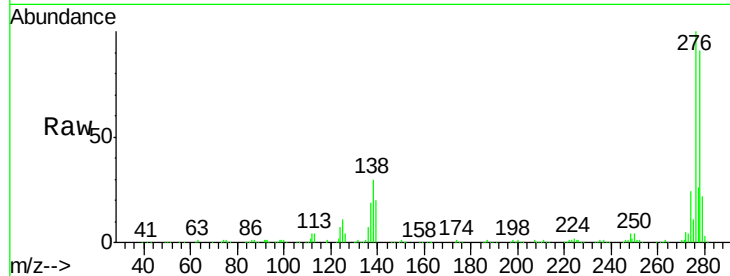




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.13 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

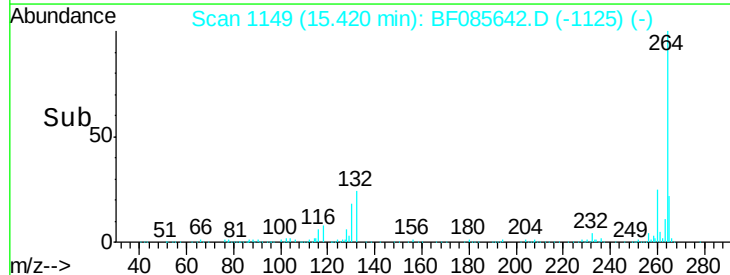
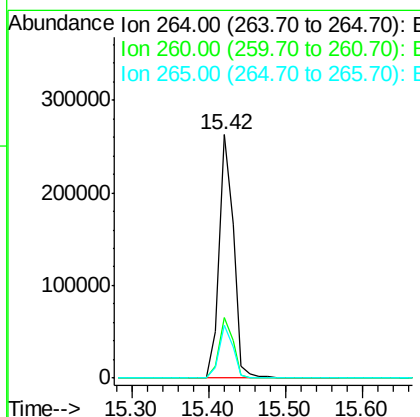
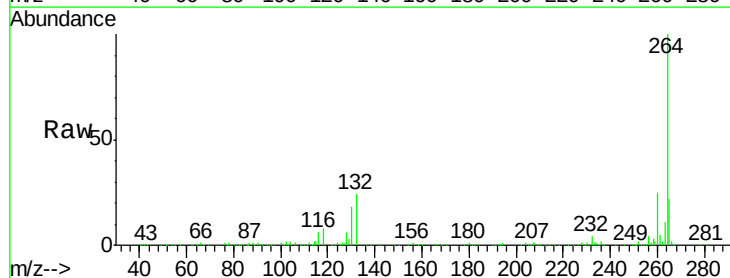
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

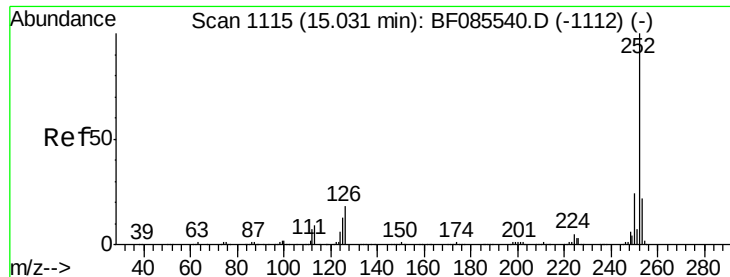
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.2	36.4
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.79 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.01 min

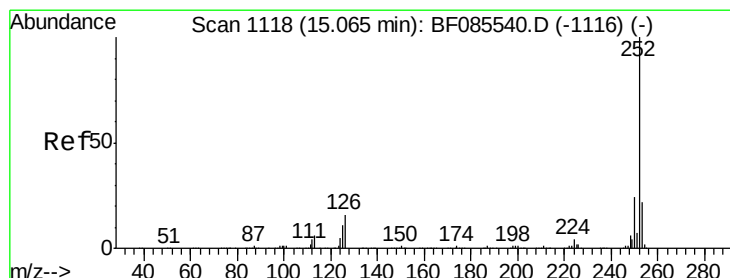
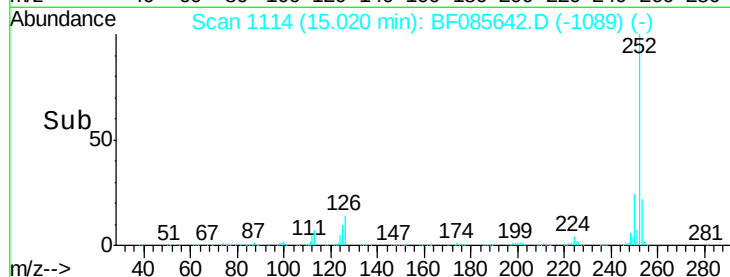
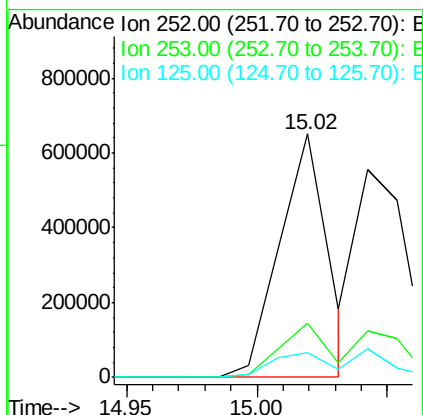
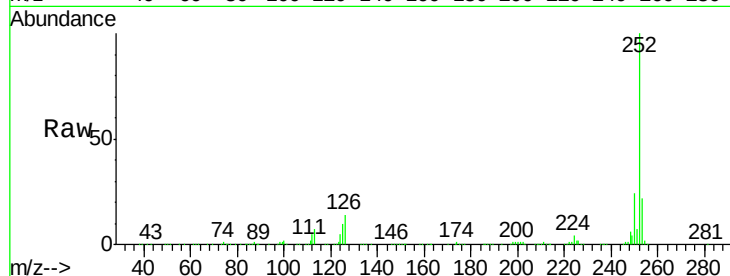
Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 829209

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.0	10.3	15.5#



#88

Benzo(k)fluoranthene

Concen: 44.65 ng

RT: 15.02 min Scan# 1114

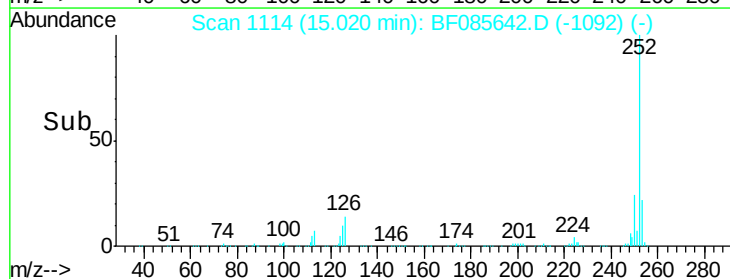
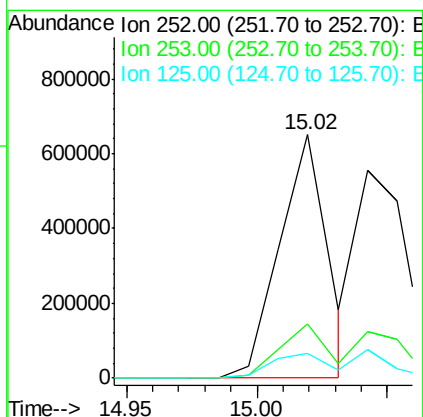
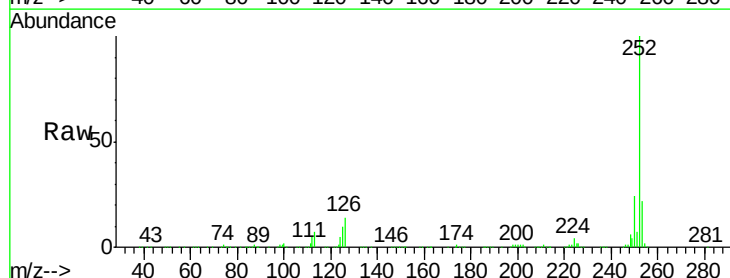
Delta R.T. -0.05 min

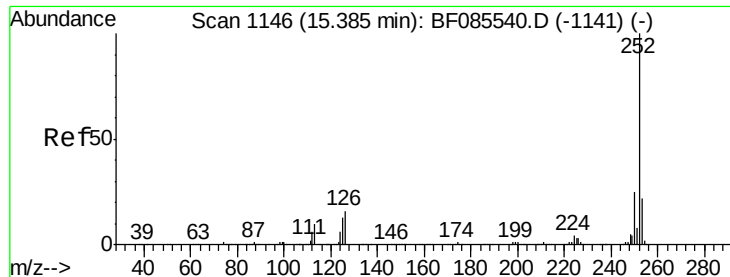
Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:252 Resp: 829209

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.0	7.7	11.5





#89

Benzo(a)pyrene

Concen: 40.63 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

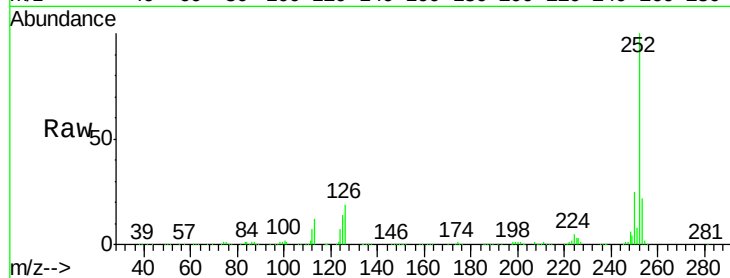
Tgt Ion:252 Resp: 776335

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

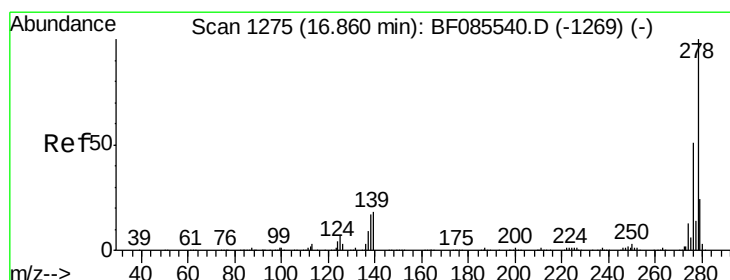
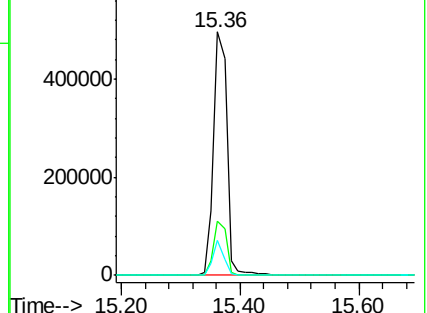
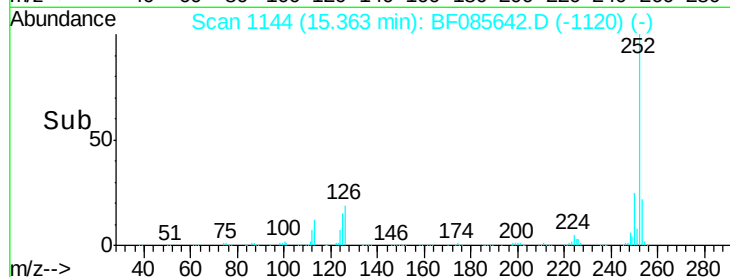
125 14.5 10.3 15.5



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: 42.42 ng

RT: 16.84 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

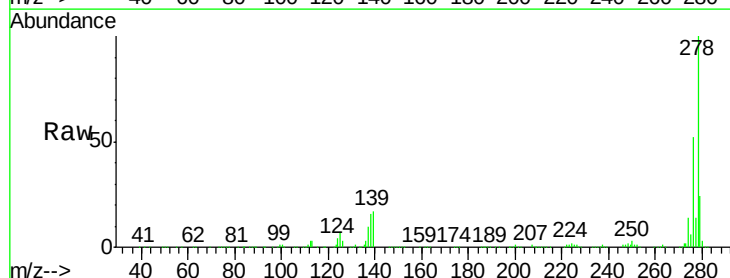
Tgt Ion:278 Resp: 676095

Ion Ratio Lower Upper

278 100

139 17.3 14.4 21.6

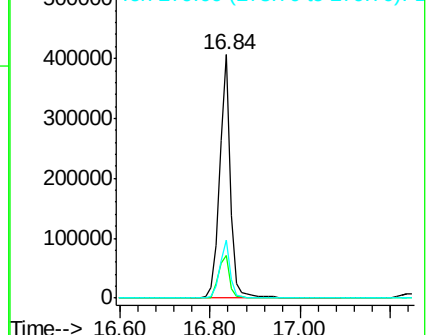
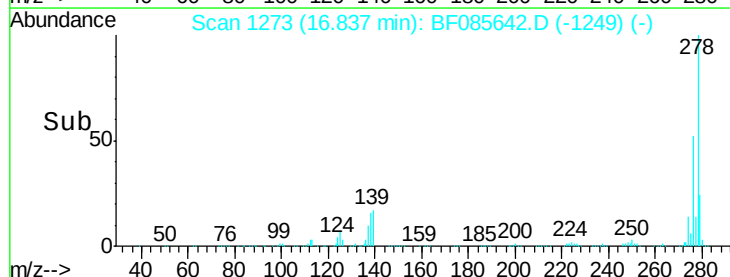
279 23.8 19.1 28.7

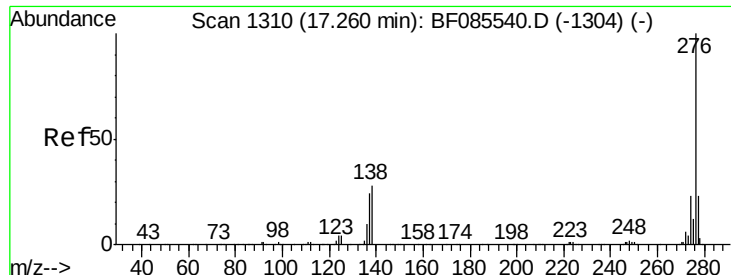


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.37 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

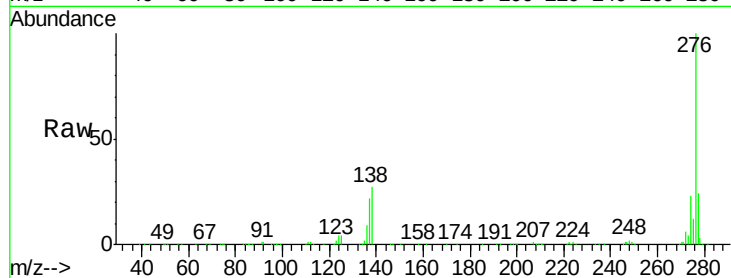
Tgt Ion: 276 Resp: 607315

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 26.9 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

