

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085254.D
 Acq On : 8 Mar 2016 14:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 09 00:01:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	164869	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	673533	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	294304	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	591760	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	410181	20.00	ng	-0.02
86) Perylene-d12	15.59	264	283979	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	745379	75.84	ng	-0.02
7) Phenol-d6	6.58	99	976040	75.80	ng	-0.02
23) Nitrobenzene-d5	7.52	82	940729	74.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	211021	83.80	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1531897	79.16	ng	-0.02
78) Terphenyl-d14	13.08	244	1485236	84.06	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	195707	38.94	ng	98
3) Pyridine	3.40	79	528447	42.01	ng	99
4) n-Nitrosodimethylamine	3.34	42	196631	36.52	ng	99
6) Aniline	6.62	93	701403	38.86	ng	99
8) 2-Chlorophenol	6.74	128	484748	40.97	ng	98
9) Benzaldehyde	6.50	77	238224	39.10	ng	97
10) Phenol	6.60	94	562014	40.75	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	478939	41.81	ng	97
12) 1,3-Dichlorobenzene	6.98	146	519422	40.89	ng	99
13) 1,4-Dichlorobenzene	6.90	146	504948	39.66	ng	97
14) 1,2-Dichlorobenzene	7.13	146	466829	40.41	ng	98
15) Benzyl Alcohol	7.10	79	355790	37.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	617549	37.40	ng	99
17) 2-Methylphenol	7.21	107	398403	41.26	ng	98
18) Hexachloroethane	7.48	117	183857	39.14	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	298488	35.56	ng	# 89
20) 3+4-Methylphenols	7.36	107	443841	38.81	ng	94
22) Acetophenone	7.37	105	638852	38.86	ng	99
24) Nitrobenzene	7.54	77	486387	38.04	ng	99
25) Isophorone	7.78	82	884699	37.93	ng	100
26) 2-Nitrophenol	7.86	139	271341	43.61	ng	# 89
27) 2,4-Dimethylphenol	7.90	122	478029	42.04	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	502087	38.65	ng	100
29) 2,4-Dichlorophenol	8.10	162	382599	41.72	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	387137	39.05	ng	98
31) Naphthalene	8.28	128	1343138	40.56	ng	98
32) Benzoic acid	8.01	122	332904	44.08	ng	98
33) 4-Chloroaniline	8.31	127	536531	40.05	ng	99
34) Hexachlorobutadiene	8.39	225	214529	41.58	ng	99
35) Caprolactam	8.69	113	122785	41.00	ng	99
36) 4-Chloro-3-methylphenol	8.79	107	375053	36.05	ng	96
37) 2-Methylnaphthalene	8.96	142	816544	38.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	379750	45.12	ng	97
40) Hexachlorocyclopentadiene	9.12	237	199648	43.98	ng	99

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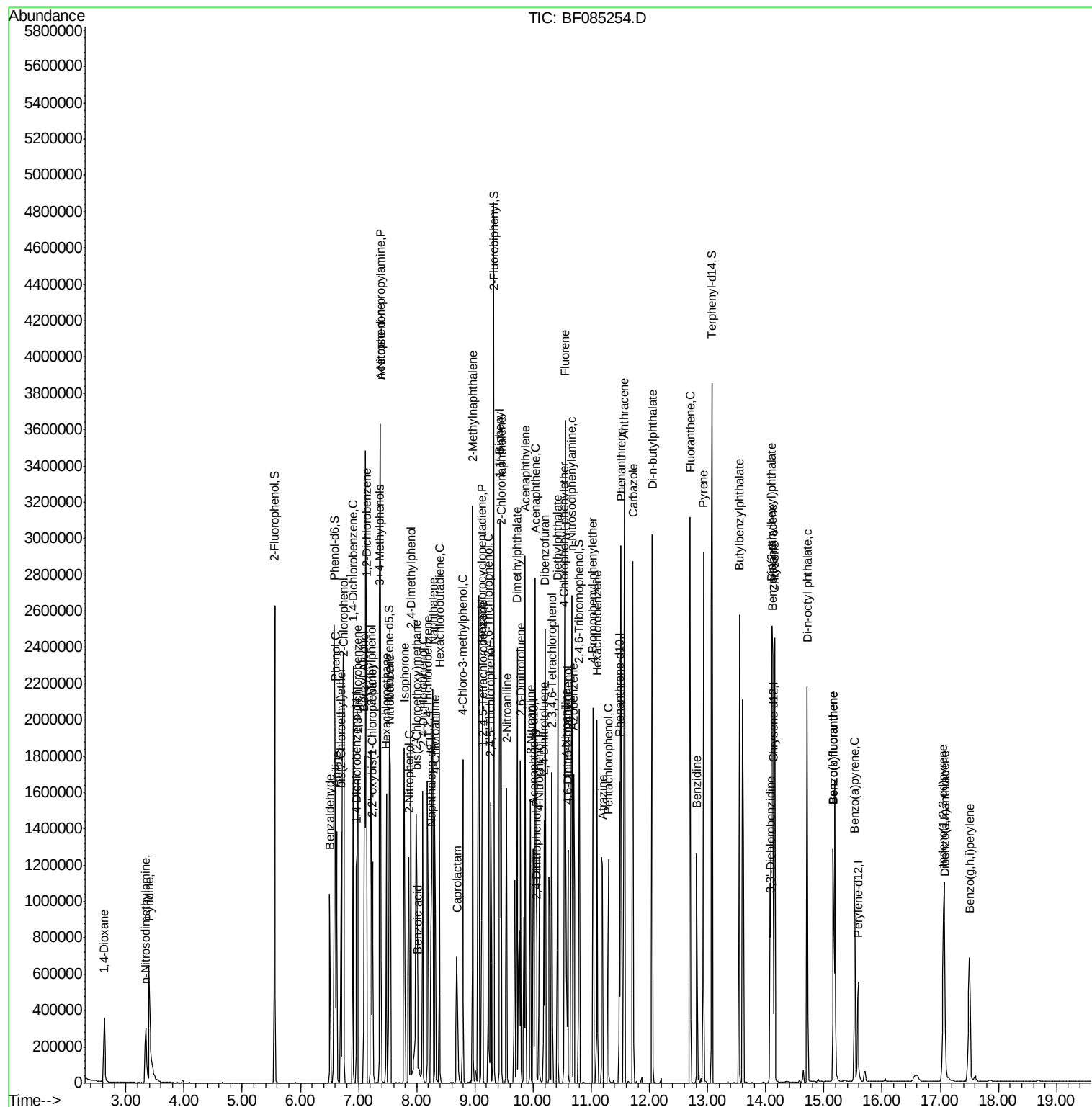
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	258592	41.27	ng	97
43) 2,4,5-Trichlorophenol	9.27	196	247907	41.73	ng	# 92
45) 1,1'-Biphenyl	9.43	154	1101822	43.82	ng	95
46) 2-Chloronaphthalene	9.45	162	808623	42.19	ng	95
47) 2-Nitroaniline	9.54	65	267368	45.02	ng	# 84
48) Acenaphthylene	9.86	152	1206006	40.43	ng	99
49) Dimethylphthalate	9.73	163	980033	43.38	ng	100
50) 2,6-Dinitrotoluene	9.78	165	194418	40.23	ng	90
51) Acenaphthene	10.04	154	730393	40.33	ng	99
52) 3-Nitroaniline	9.96	138	258702	44.75	ng	90
53) 2,4-Dinitrophenol	10.06	184	114858	50.16	ng	# 41
54) Dibenzofuran	10.21	168	925807	39.02	ng	98
55) 4-Nitrophenol	10.10	139	194657	42.84	ng	# 79
56) 2,4-Dinitrotoluene	10.18	165	245055	39.62	ng	89
57) Fluorene	10.55	166	759303	40.74	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	175872	42.14	ng	99
59) Diethylphthalate	10.42	149	962785	43.92	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	378686	41.76	ng	89
61) 4-Nitroaniline	10.56	138	240020	44.39	ng	99
62) Azobenzene	10.70	77	901006	41.72	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	155055	43.76	ng	77
65) n-Nitrosodiphenylamine	10.66	169	750512	40.78	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	214808	37.38	ng	# 84
67) Hexachlorobenzene	11.10	284	227077	37.04	ng	# 80
68) Atrazine	11.19	200	239469	46.78	ng	93
69) Pentachlorophenol	11.29	266	156717	46.06	ng	97
70) Phenanthrene	11.51	178	1164499	37.55	ng	99
71) Anthracene	11.57	178	1295787	39.36	ng	100
72) Carbazole	11.72	167	1036825	35.92	ng	98
73) Di-n-butylphthalate	12.05	149	1441270	39.50	ng	99
74) Fluoranthene	12.70	202	1162690	37.36	ng	97
76) Benzidine	12.81	184	520058	42.60	ng	98
77) Pyrene	12.93	202	1155497	37.43	ng	99
79) Butylbenzylphthalate	13.54	149	594158	42.41	ng	# 82
80) Benzo(a)anthracene	14.12	228	907156	36.94	ng	98
81) 3,3'-Dichlorobenzidine	14.08	252	297872	38.45	ng	# 95
82) Chrysene	14.15	228	744632	32.83	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	668251	36.25	ng	# 96
84) Di-n-octyl phthalate	14.71	149	1026311	36.56	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	690755	39.02	ng	99
87) Benzo(b)fluoranthene	15.16	252	797760	42.15	ng	99
88) Benzo(k)fluoranthene	15.16	252	797760	52.25	ng	98
89) Benzo(a)pyrene	15.52	252	649124	41.38	ng	# 94
90) Dibenzo(a,h)anthracene	17.08	278	580137	43.33	ng	95
91) Benzo(g,h,i)perylene	17.50	276	579896	43.07	ng	100

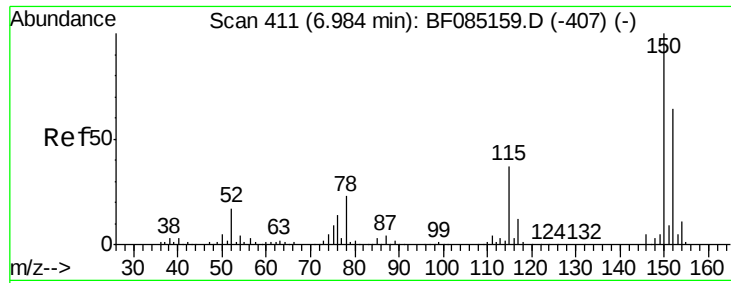
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

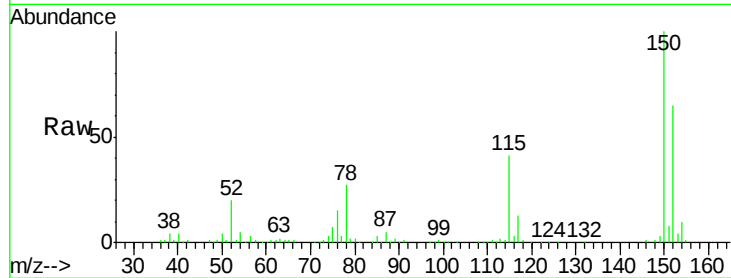
Tgt Ion:152 Resp: 164869

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

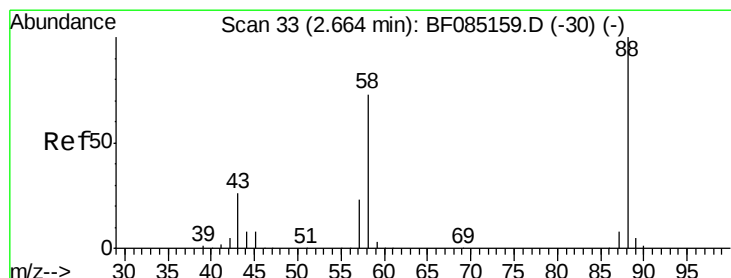
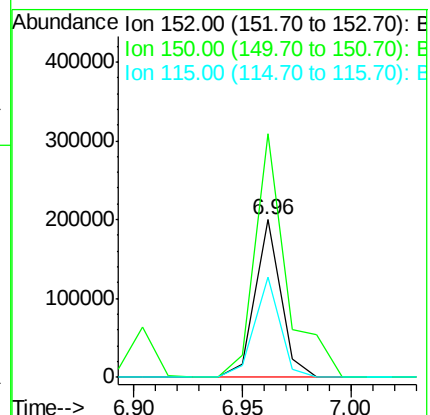
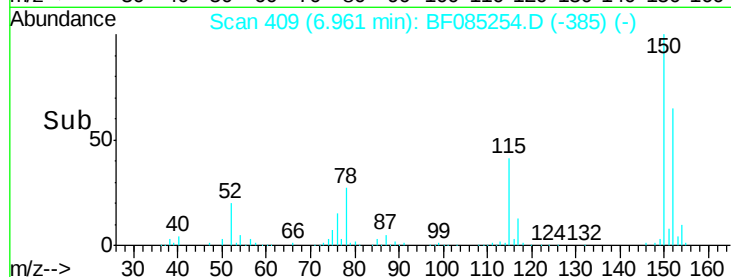
115 63.5 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.94 ng

RT: 2.63 min Scan# 30

Delta R.T. -0.03 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

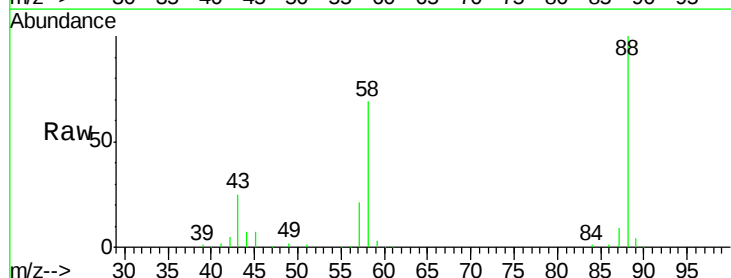
Tgt Ion: 88 Resp: 195707

Ion Ratio Lower Upper

88 100

58 69.3 57.0 85.6

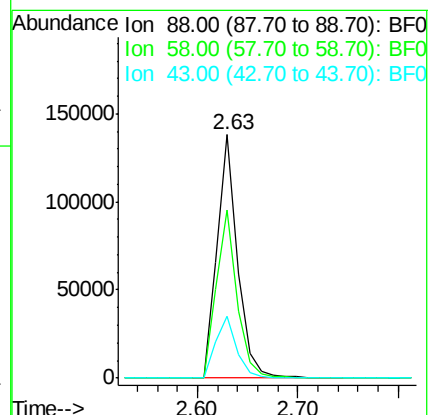
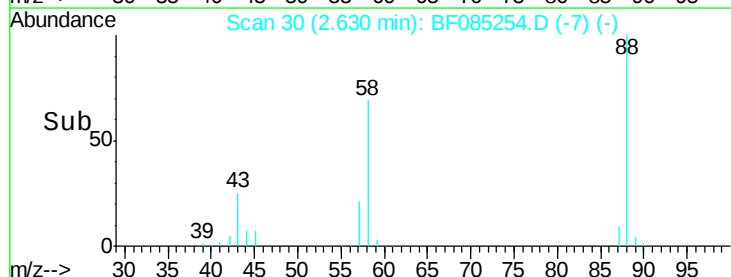
43 26.0 20.5 30.7

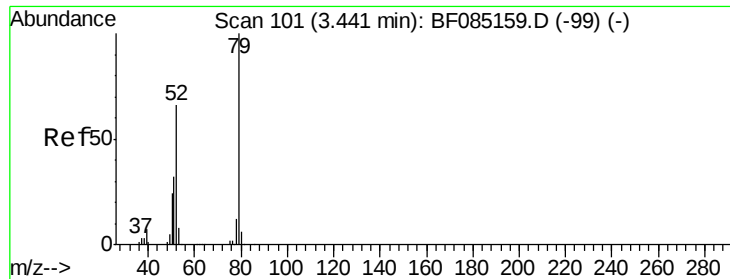


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.01 ng

RT: 3.40 min Scan# 97

Delta R.T. -0.05 min

Lab File: BF085254.D

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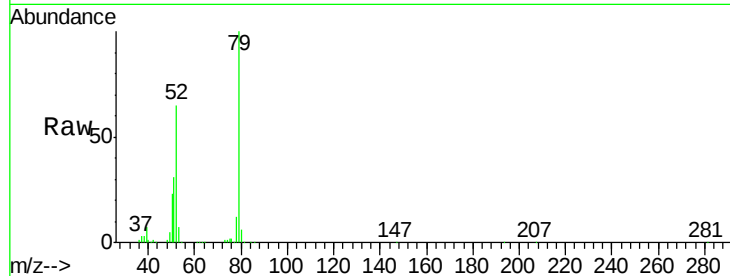
Tgt Ion: 79 Resp: 528447

Ion Ratio Lower Upper

79 100

52 64.7 52.6 79.0

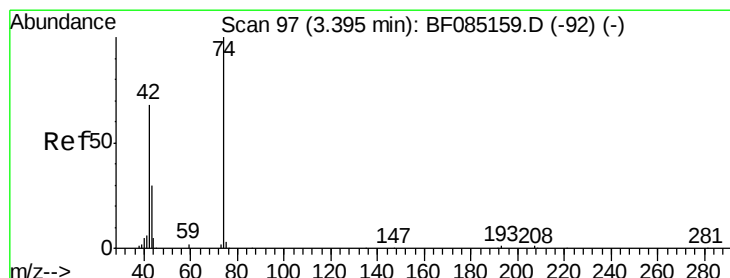
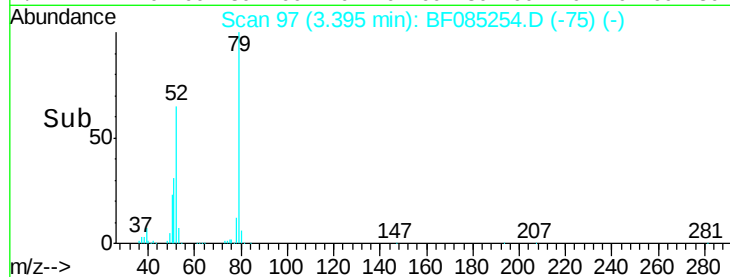
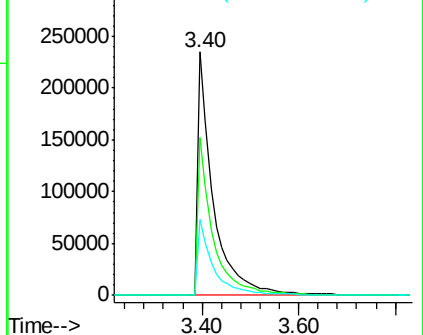
51 31.5 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.52 ng

RT: 3.34 min Scan# 92

Delta R.T. -0.06 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

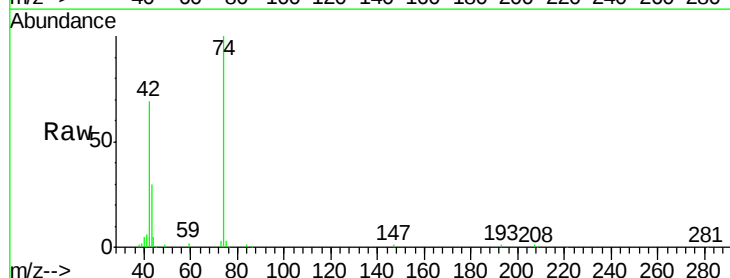
Tgt Ion: 42 Resp: 196631

Ion Ratio Lower Upper

42 100

74 144.6 116.8 175.2

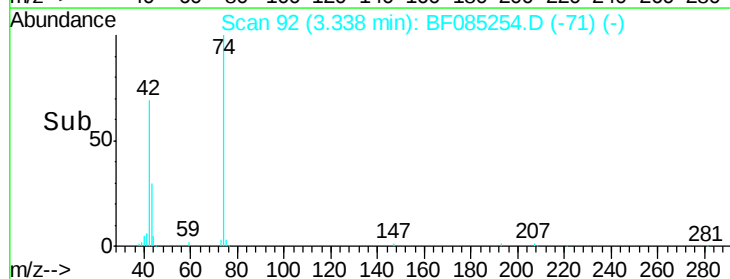
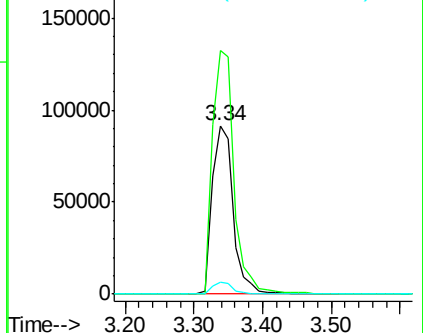
44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.84 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

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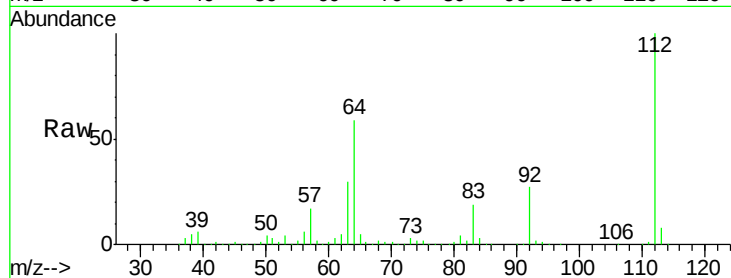
Tgt Ion: 112 Resp: 745379

Ion Ratio Lower Upper

112 100

64 58.9 49.0 73.4

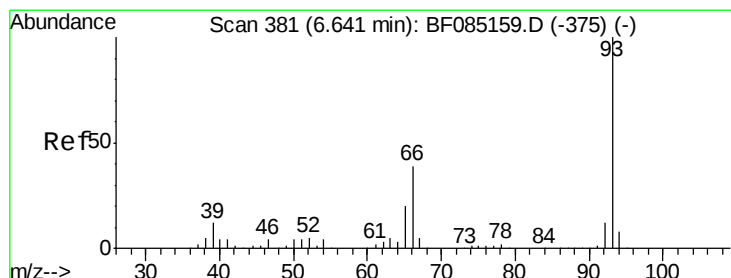
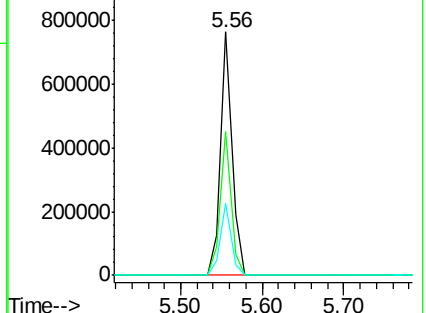
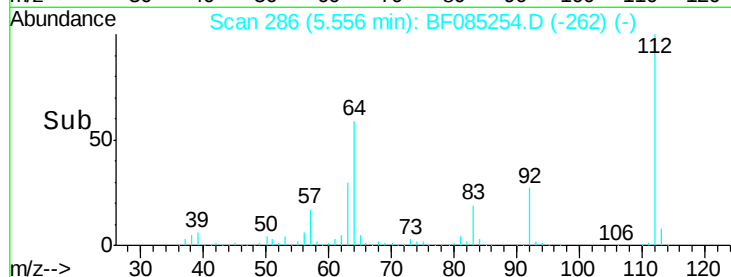
63 29.6 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.86 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

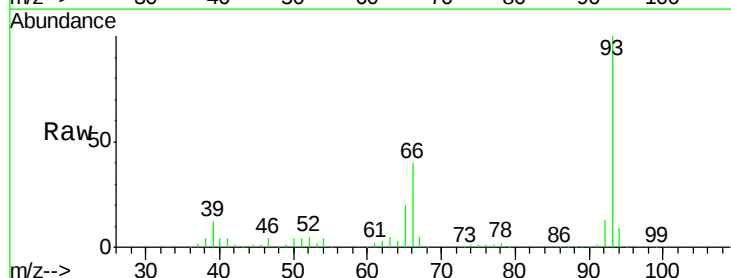
Tgt Ion: 93 Resp: 701403

Ion Ratio Lower Upper

93 100

66 40.4 31.6 47.4

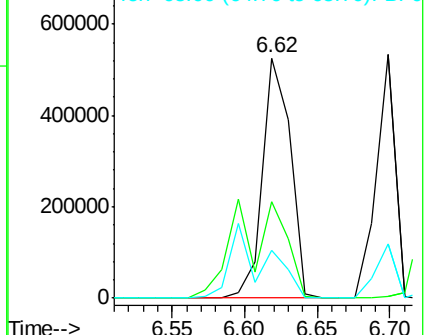
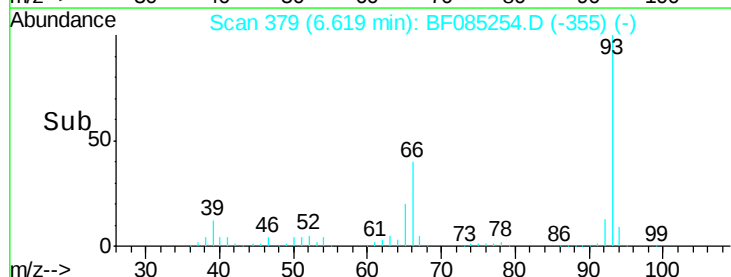
65 19.9 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.80 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

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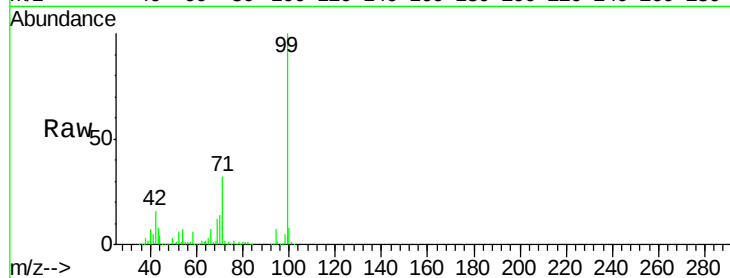
Tgt Ion: 99 Resp: 976040

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

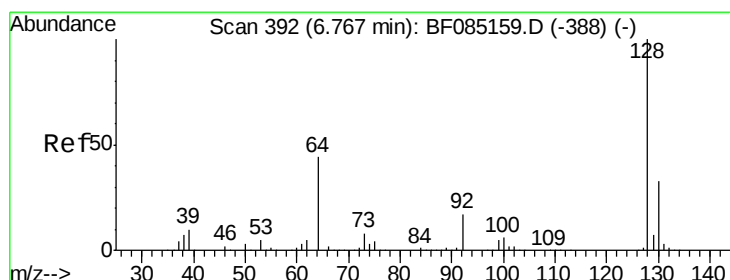
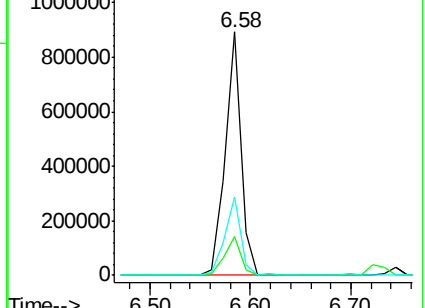
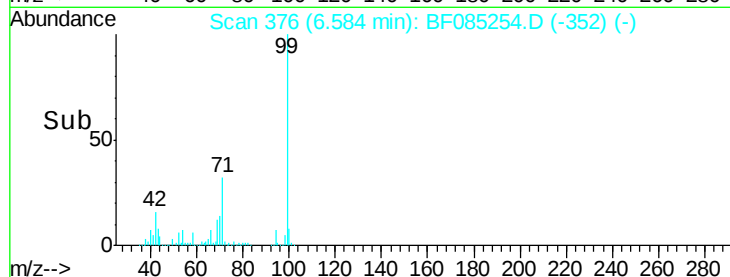
71 32.4 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.97 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

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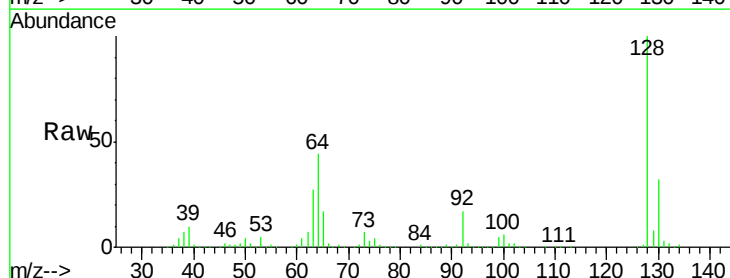
Tgt Ion: 128 Resp: 484748

Ion Ratio Lower Upper

128 100

130 32.0 13.3 53.3

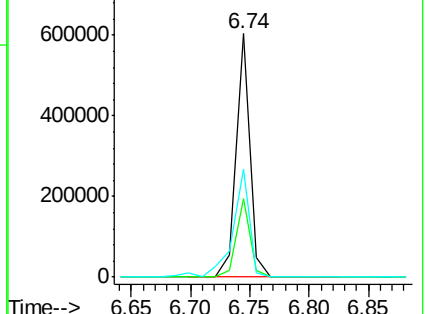
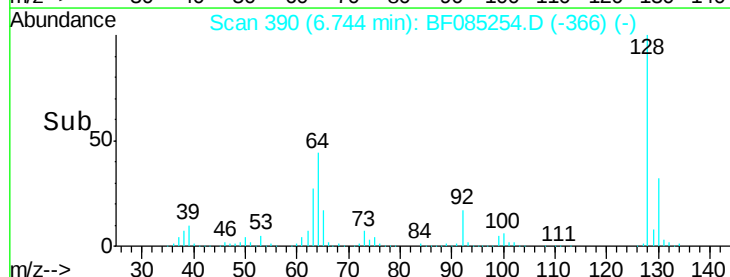
64 44.4 25.7 65.7

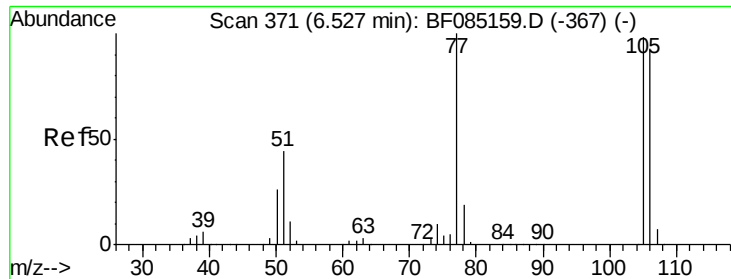


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.10 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

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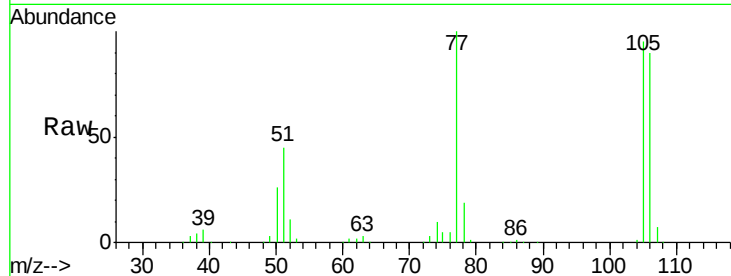
Tgt Ion: 77 Resp: 238224

Ion Ratio Lower Upper

77 100

105 95.0 78.2 118.2

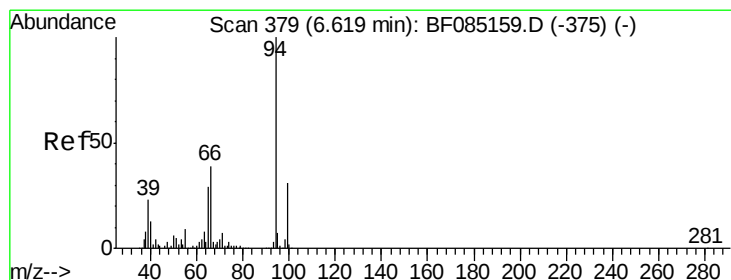
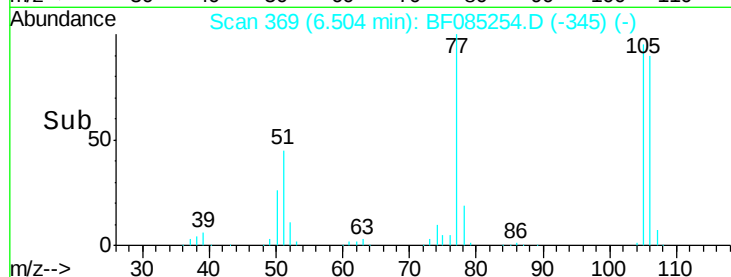
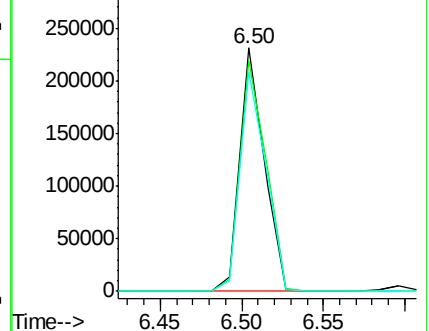
106 90.2 72.9 112.9



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: 40.75 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085254.D

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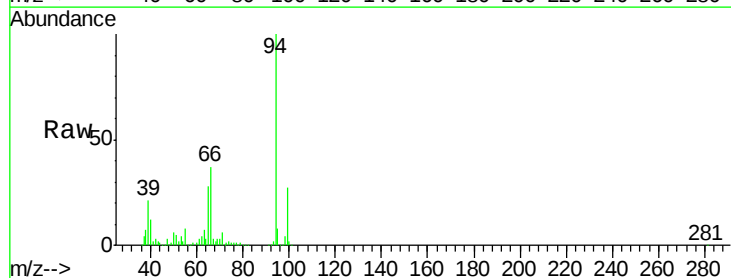
Tgt Ion: 94 Resp: 562014

Ion Ratio Lower Upper

94 100

65 28.3 9.1 49.1

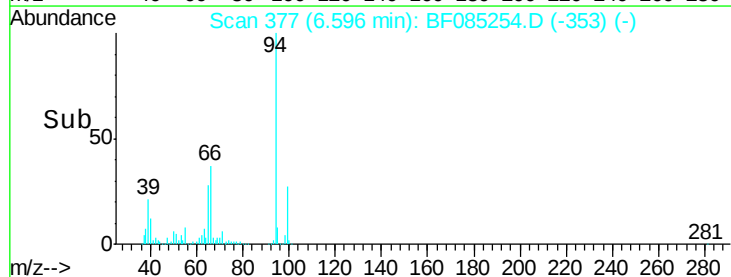
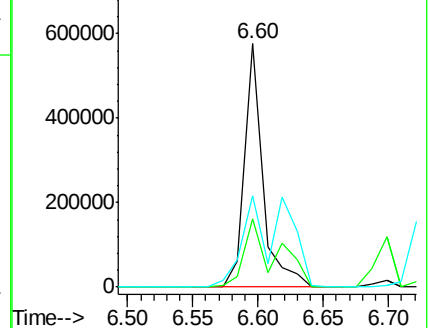
66 37.5 19.3 59.3

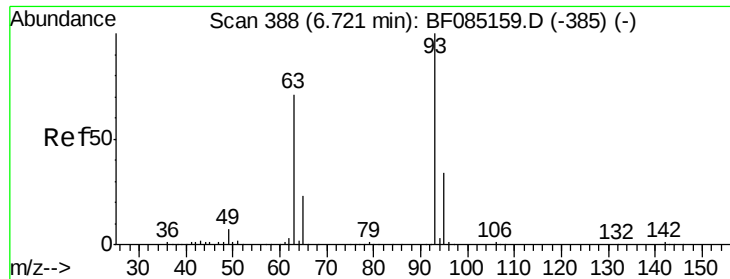


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

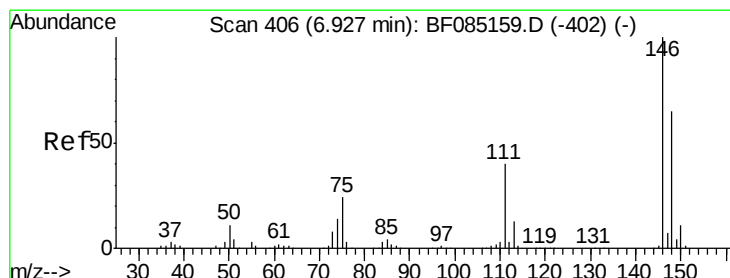
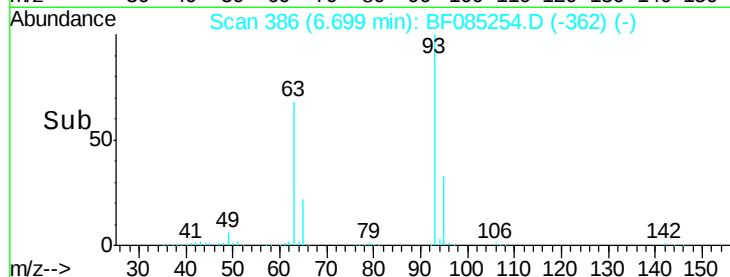
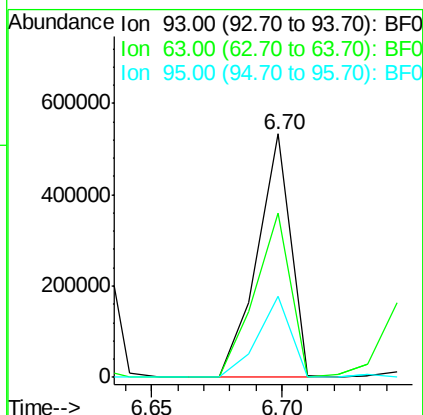
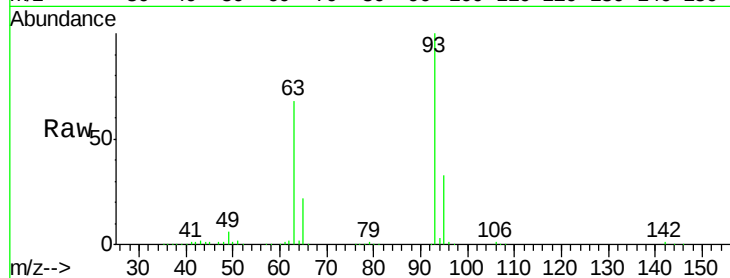




#11
bis(2-Chloroethyl)ether
Concen: 41.81 ng
RT: 6.70 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

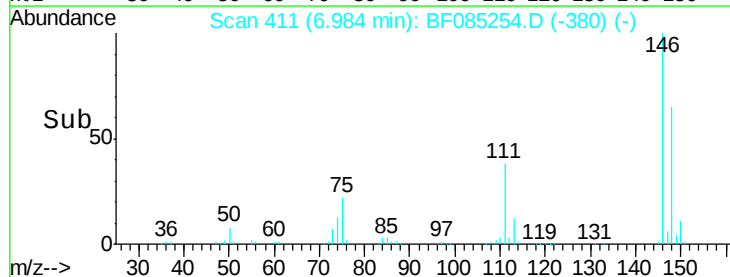
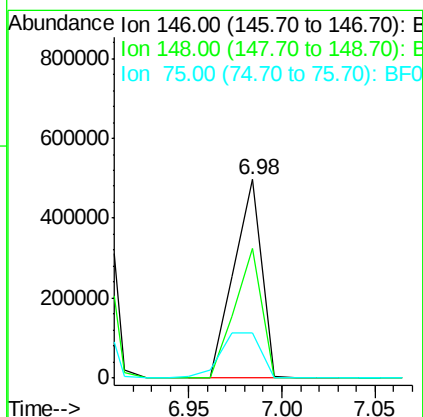
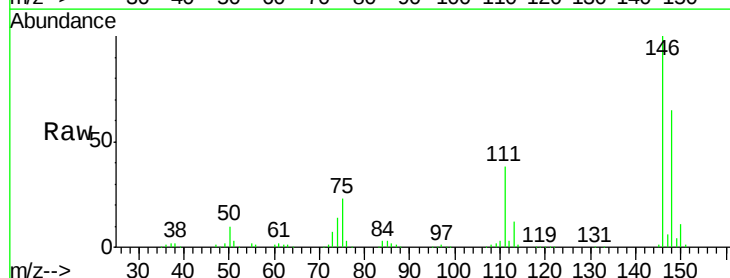
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

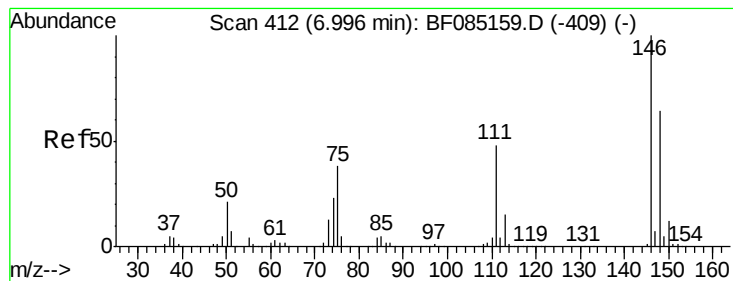
Tgt Ion: 93 Resp: 478939
Ion Ratio Lower Upper
93 100
63 67.6 50.9 90.9
95 33.3 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 40.89 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.06 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion: 146 Resp: 519422
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 22.6 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 39.66 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.09 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

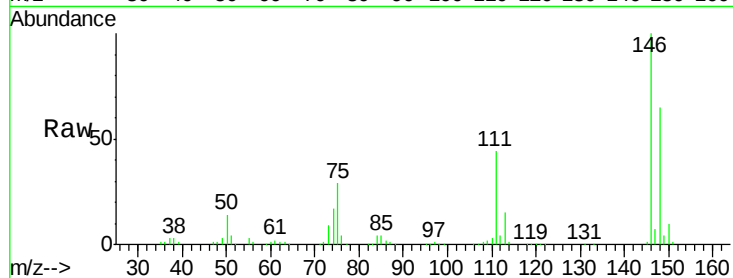
Tgt Ion:146 Resp: 504948

Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

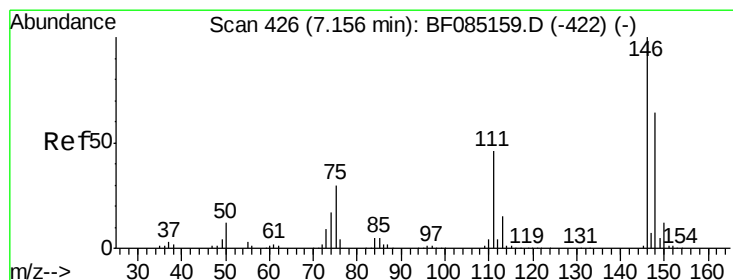
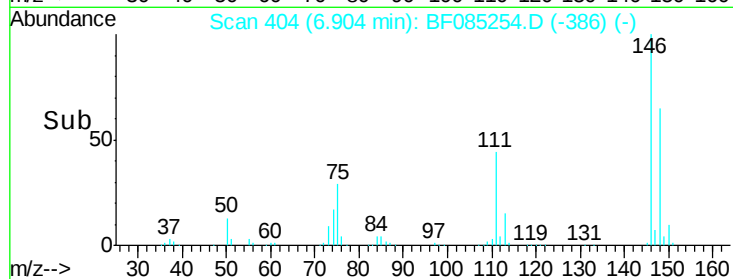
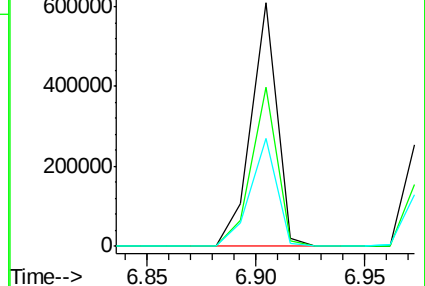
111 44.2 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.41 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

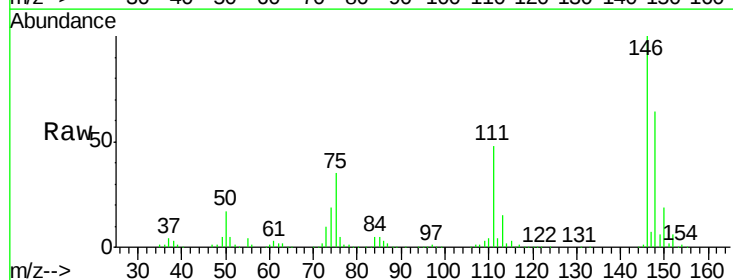
Tgt Ion:146 Resp: 466829

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

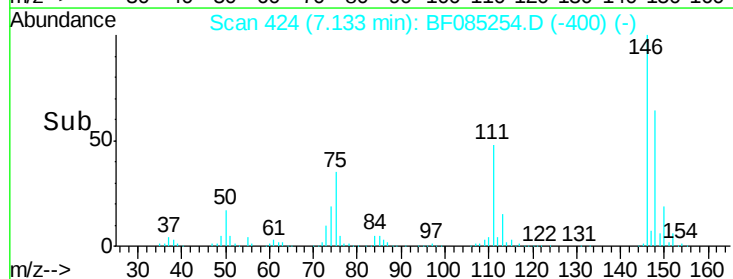
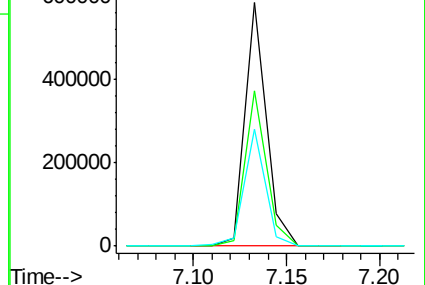
111 47.9 36.7 55.1

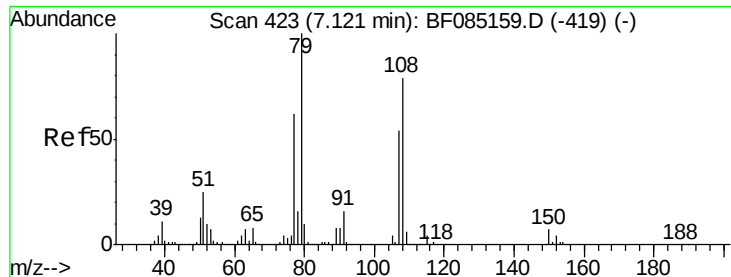


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.64 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

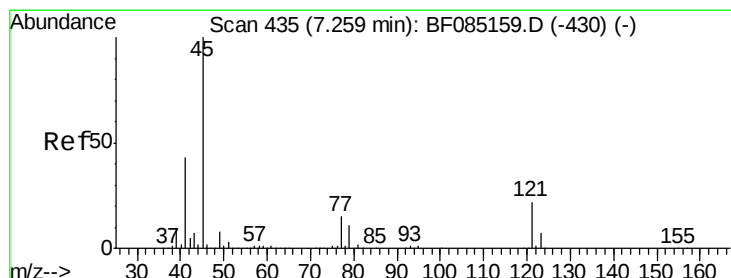
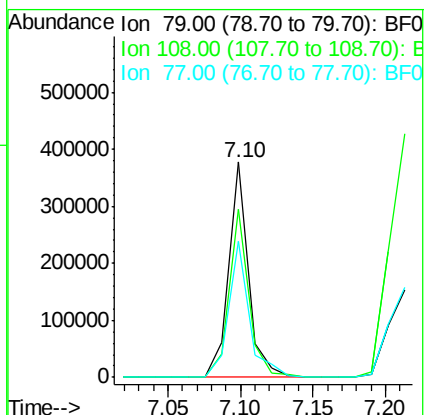
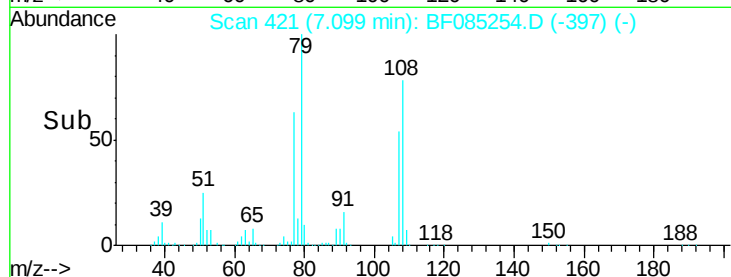
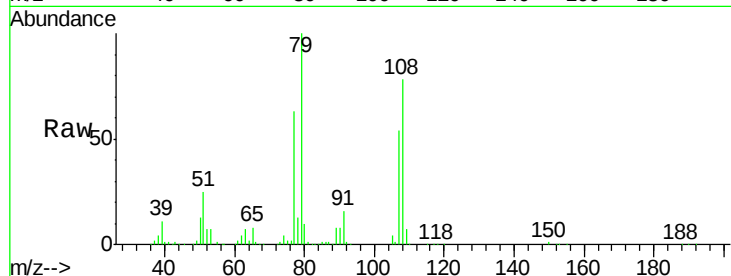
Tgt Ion: 79 Resp: 355790

Ion Ratio Lower Upper

79 100

108 77.8 62.9 94.3

77 63.1 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.40 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

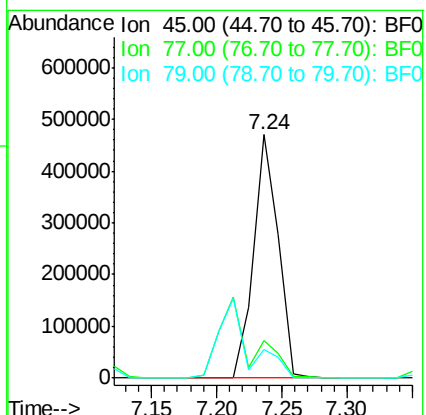
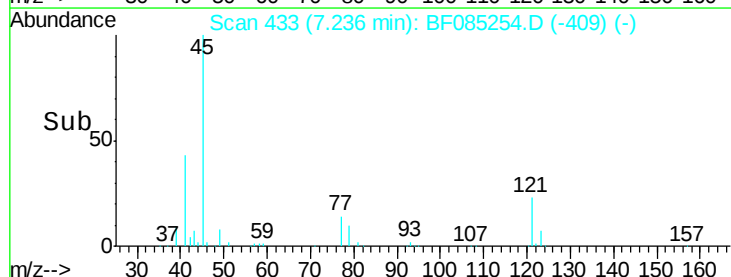
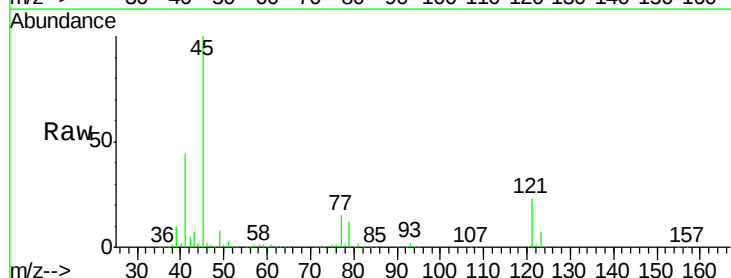
Tgt Ion: 45 Resp: 617549

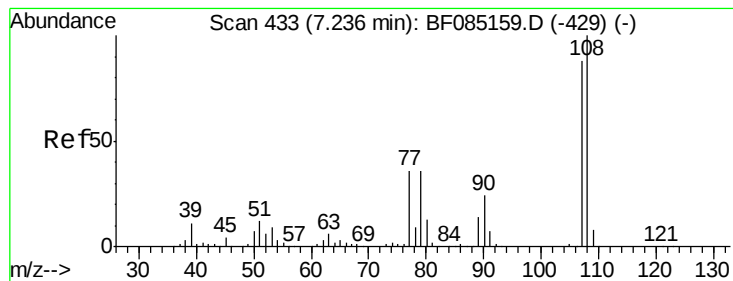
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.1

79 11.6 0.0 31.3

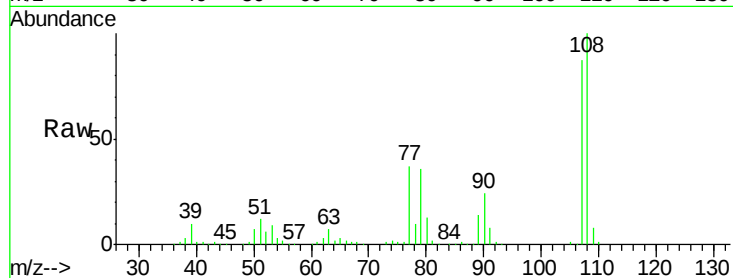




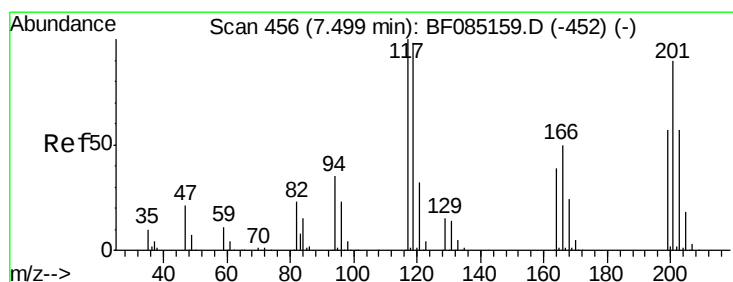
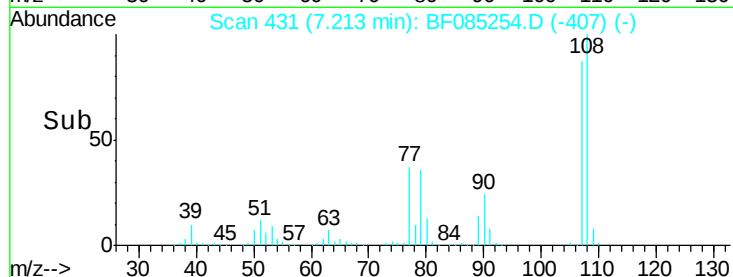
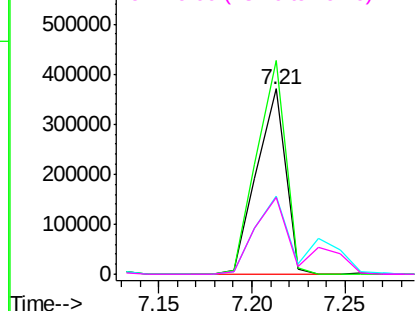
#17
2-Methylphenol
Concen: 41.26 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 398403
Ion Ratio Lower Upper
107 100
108 115.4 90.9 136.3
77 42.5 32.6 48.8
79 41.5 32.8 49.2

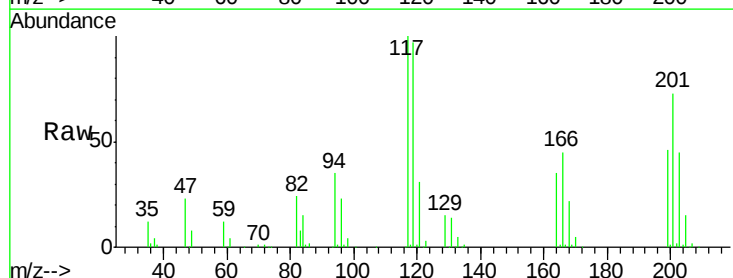


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

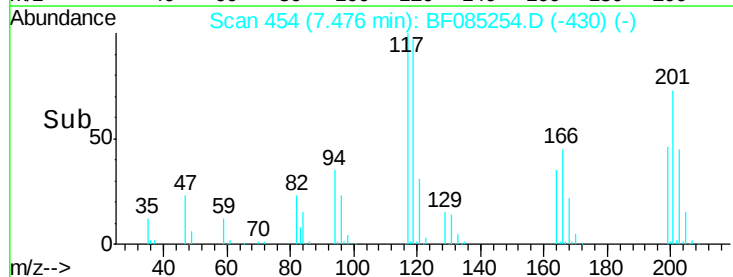
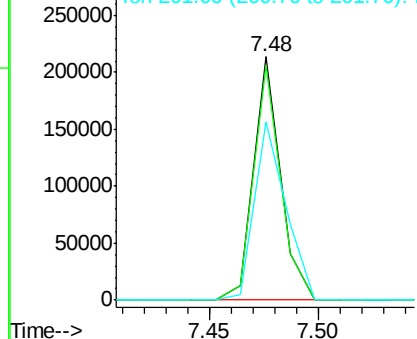


#18
Hexachloroethane
Concen: 39.14 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion:117 Resp: 183857
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.4
201 73.4 72.0 108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

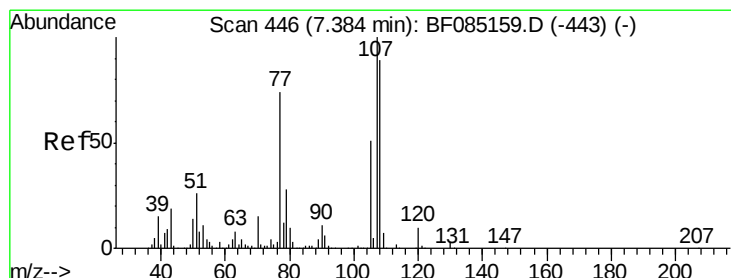
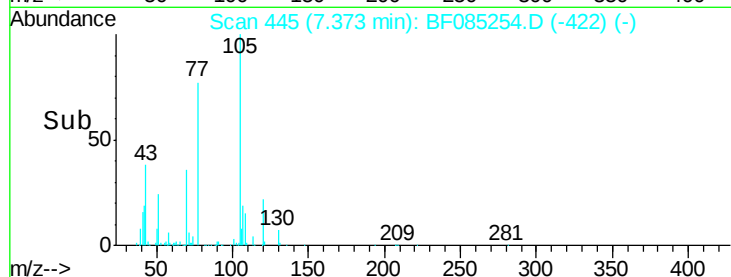
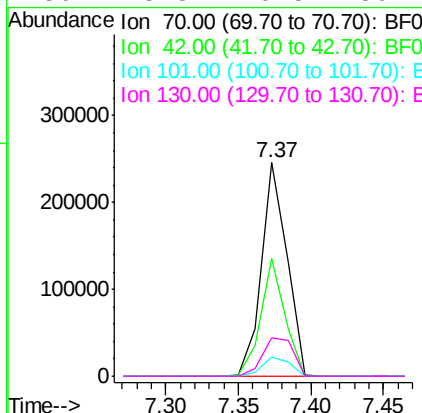
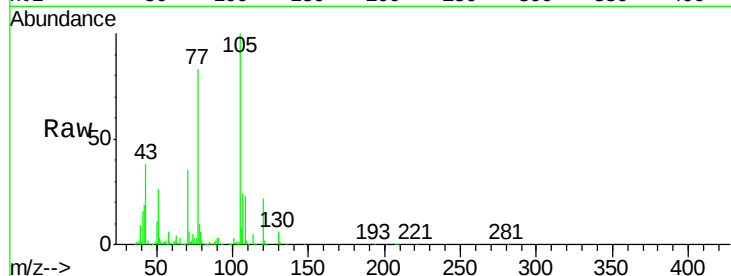




#19
n-Nitroso-di-n-propylamine
Concen: 35.56 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

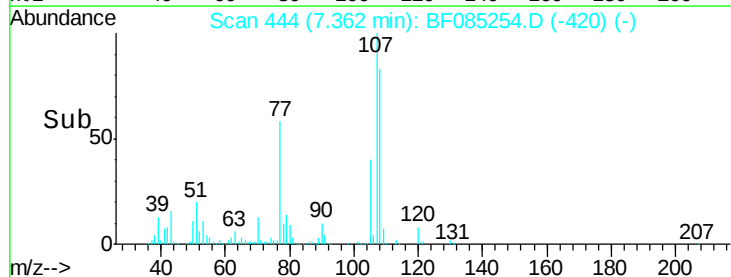
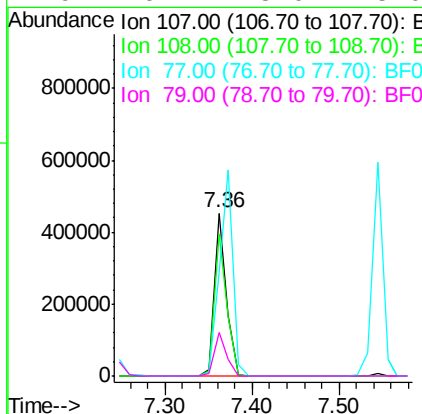
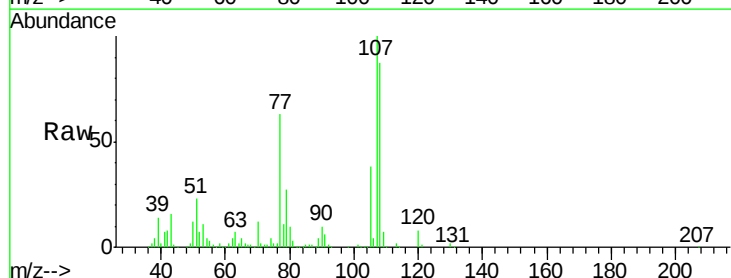
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

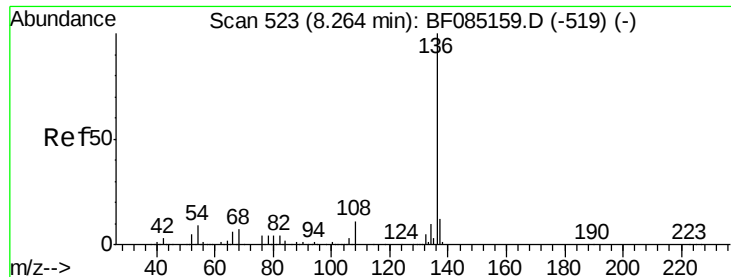
Tgt Ion: 70 Resp: 298488
Ion Ratio Lower Upper
70 100
42 54.9 37.7 56.5
101 9.1 8.2 12.4
130 18.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 38.81 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion: 107 Resp: 443841
Ion Ratio Lower Upper
107 100
108 86.9 68.8 108.8
77 63.3 53.6 93.6
79 26.7 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 673533

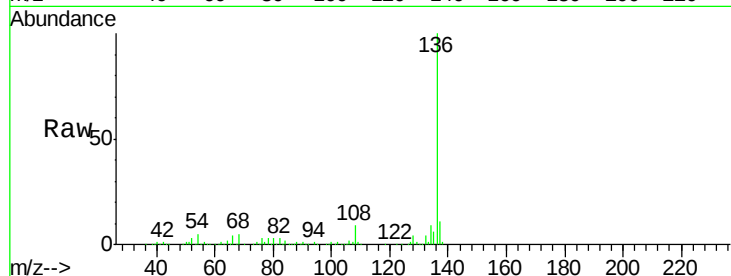
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 5.4 7.4 11.2#

68 4.7 6.0 9.0#

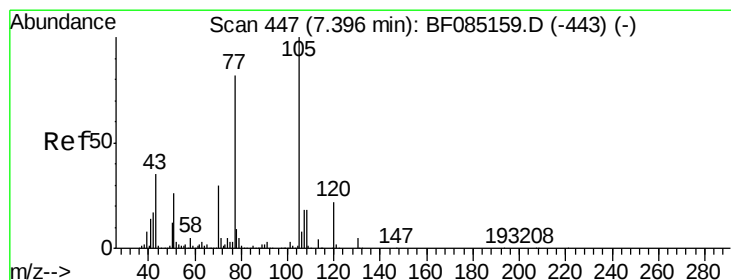
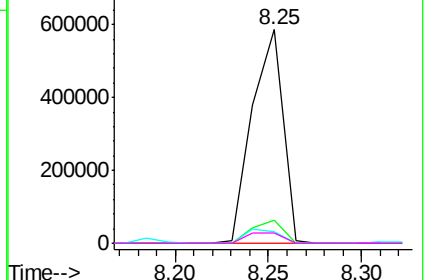
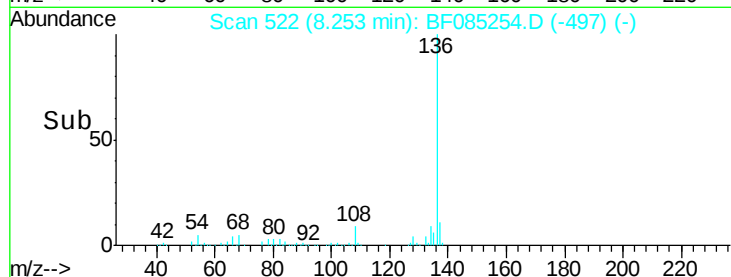


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.86 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Tgt Ion:105 Resp: 638852

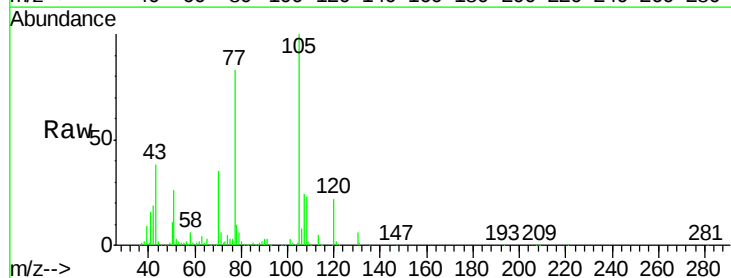
Ion Ratio Lower Upper

105 100

71 6.0 4.1 6.1

51 26.0 21.1 31.7

120 21.6 17.3 25.9

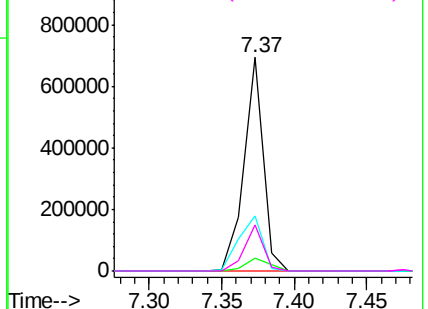
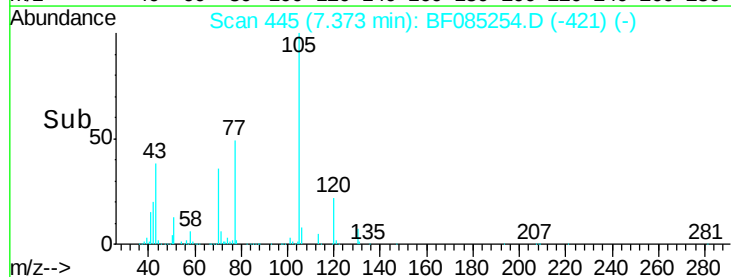


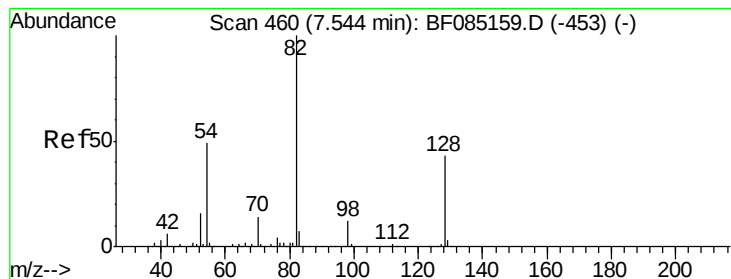
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.74 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

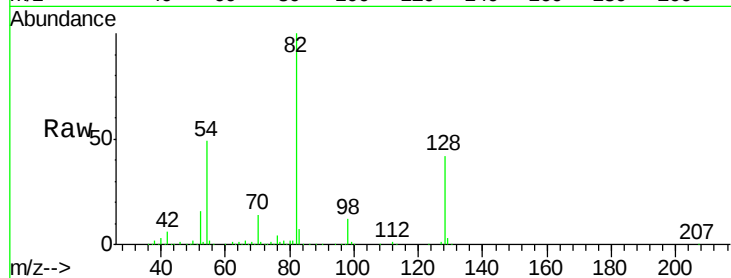
Tgt Ion: 82 Resp: 940729

Ion Ratio Lower Upper

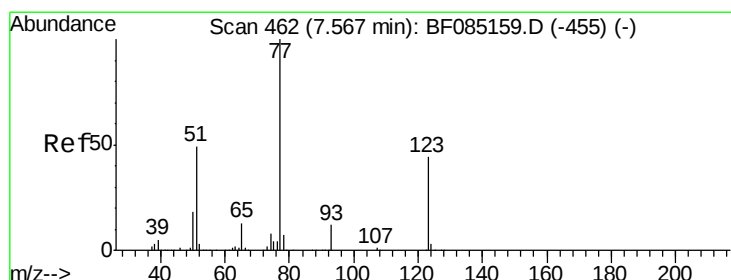
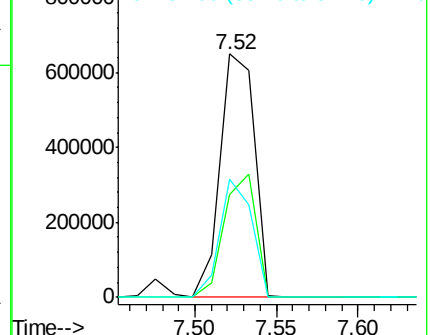
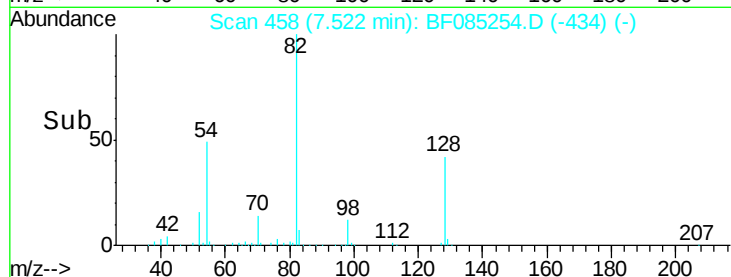
82 100

128 42.1 34.5 51.7

54 48.6 39.3 58.9



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



#24

Nitrobenzene

Concen: 38.04 ng

RT: 7.54 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

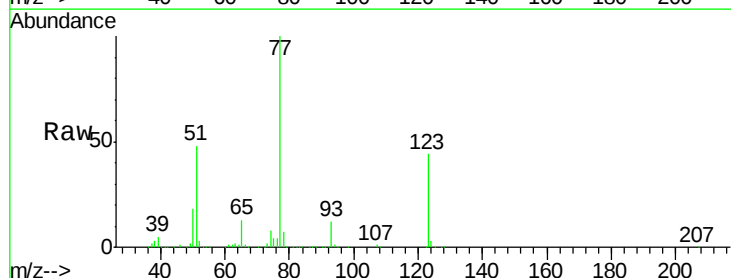
Tgt Ion: 77 Resp: 486387

Ion Ratio Lower Upper

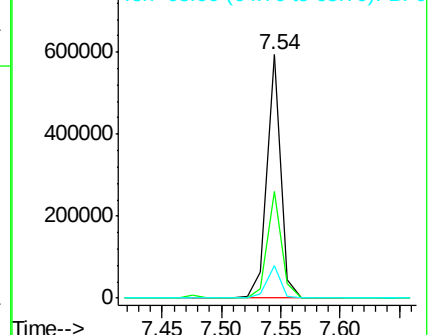
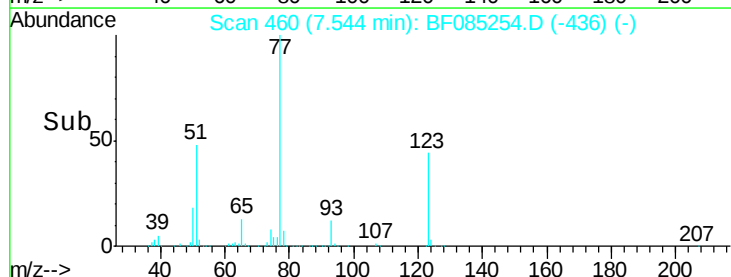
77 100

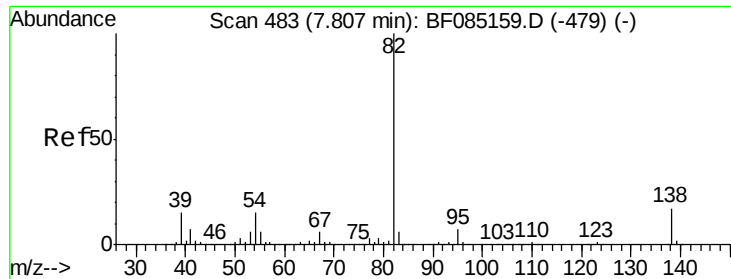
123 43.7 35.4 53.2

65 13.4 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

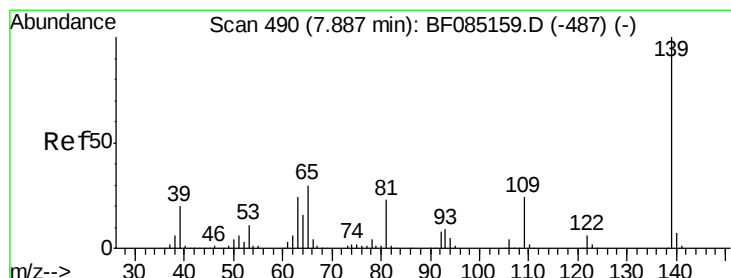
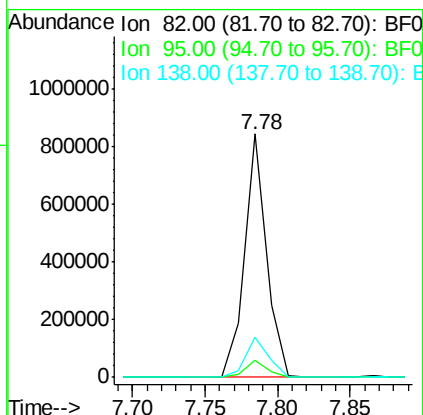
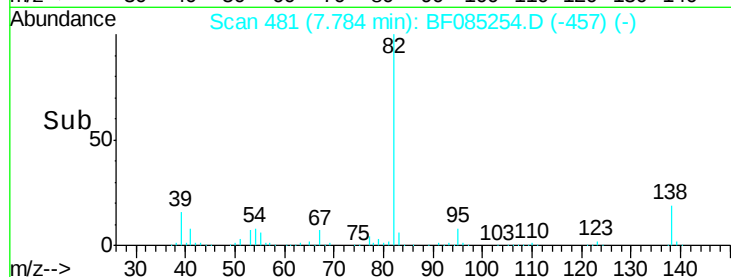
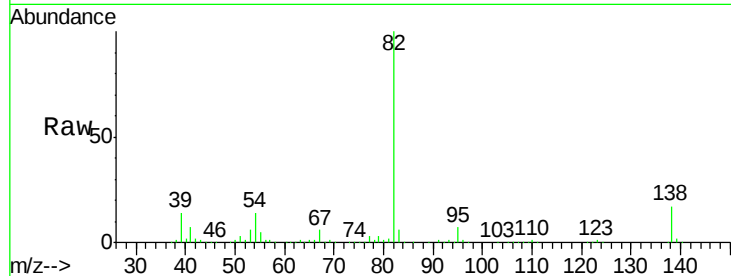




#25
Isophorone
Concen: 37.93 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

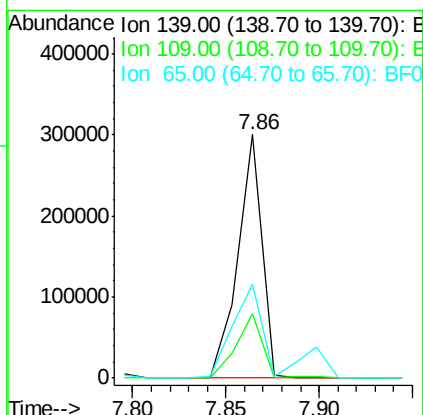
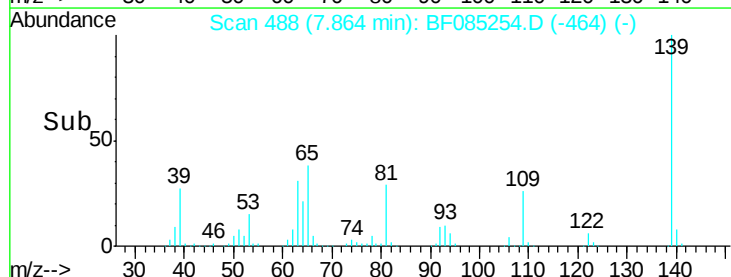
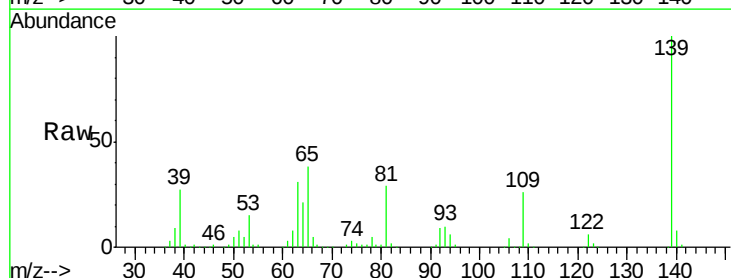
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 884699
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 16.7 13.3 19.9



#26
2-Nitrophenol
Concen: 43.61 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion: 139 Resp: 271341
Ion Ratio Lower Upper
139 100
109 26.4 19.1 28.7
65 38.5 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 42.04 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

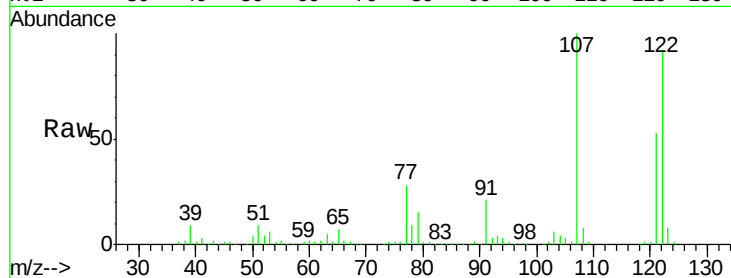
Tgt Ion:122 Resp: 478029

Ion Ratio Lower Upper

122 100

107 108.7 84.8 127.2

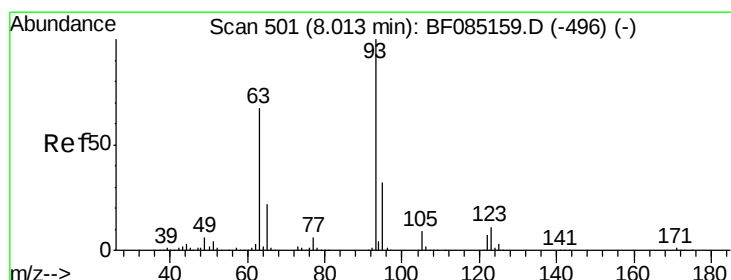
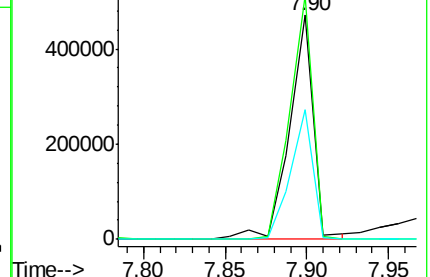
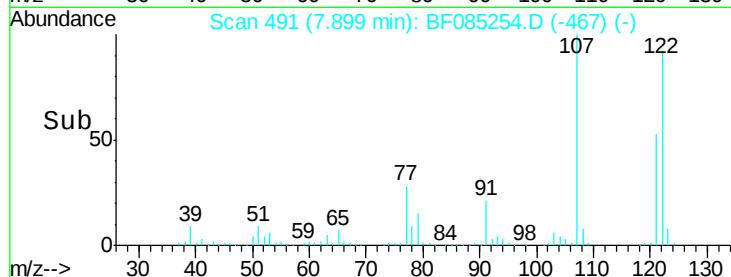
121 58.0 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.65 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

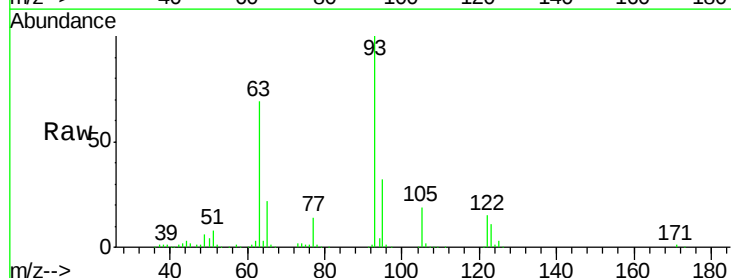
Tgt Ion: 93 Resp: 502087

Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

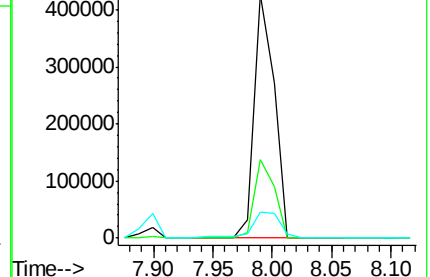
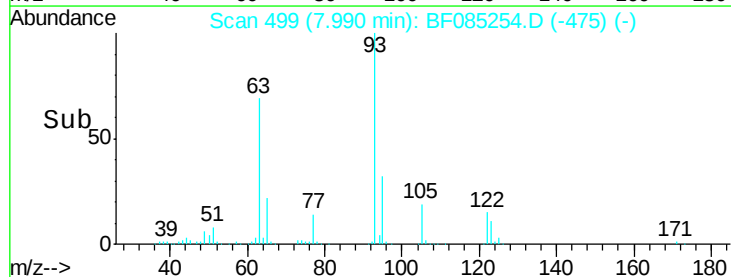
123 10.8 8.8 13.2

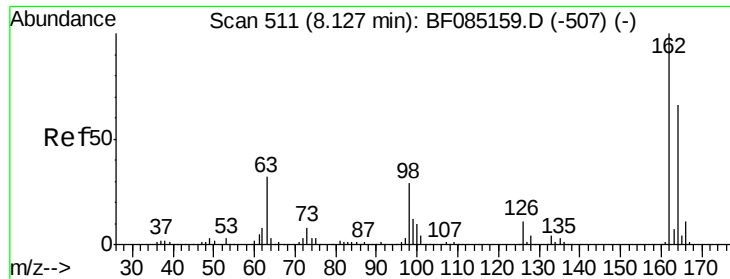


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

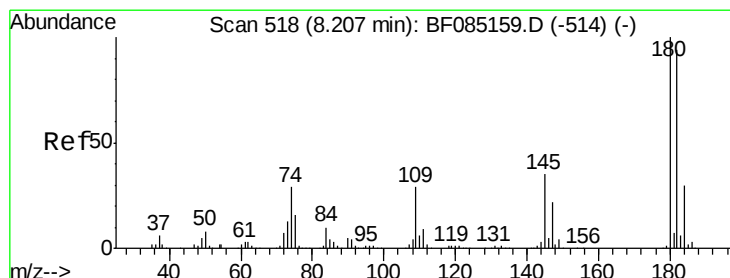
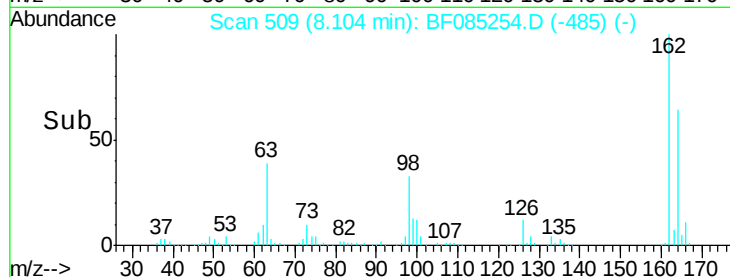
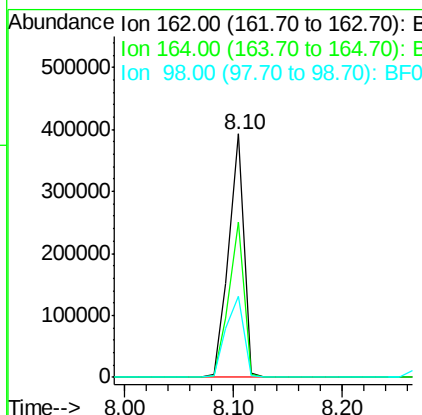
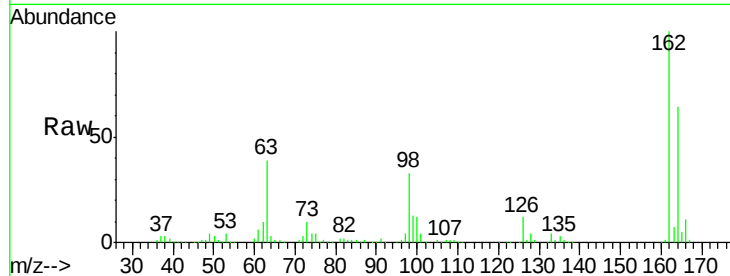




#29
 2,4-Dichlorophenol
 Concen: 41.72 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

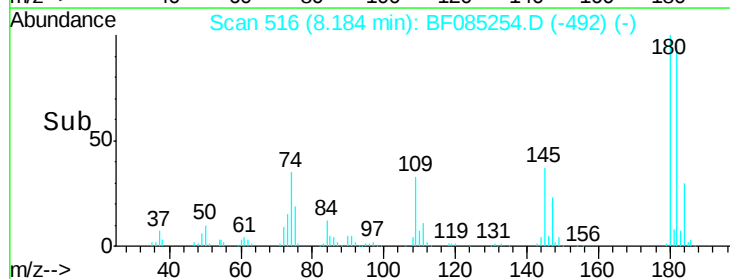
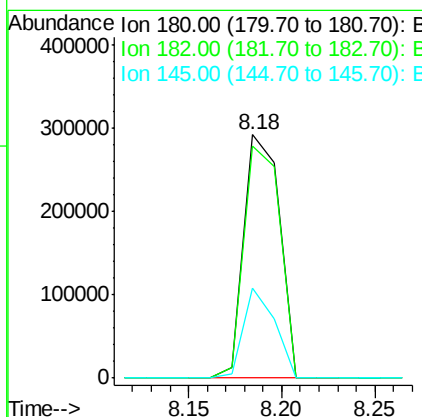
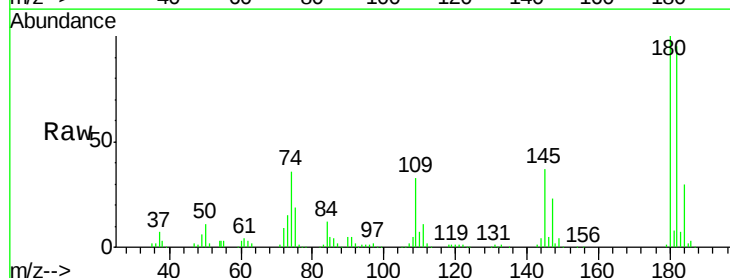
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

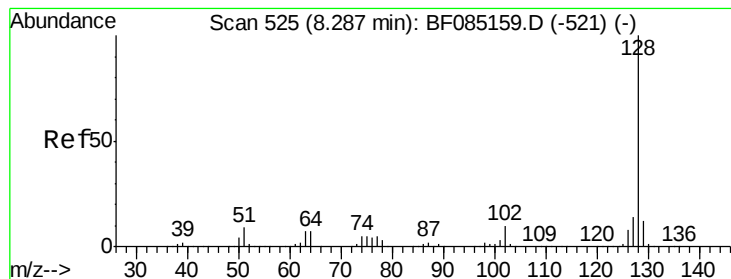
Tgt Ion:162 Resp: 382599
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.7 85.7
 98 33.1 9.4 49.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.05 ng
 RT: 8.18 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:180 Resp: 387137
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.9 112.3
 145 37.2 27.9 41.9





#31

Naphthalene

Concen: 40.56 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

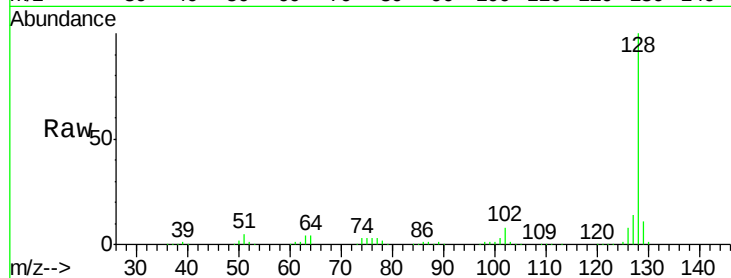
Tgt Ion:128 Resp: 1343138

Ion Ratio Lower Upper

128 100

129 11.0 9.7 14.5

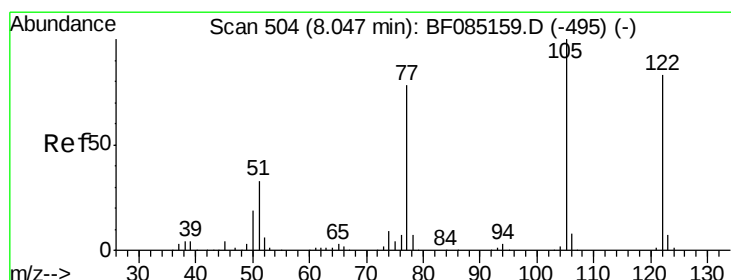
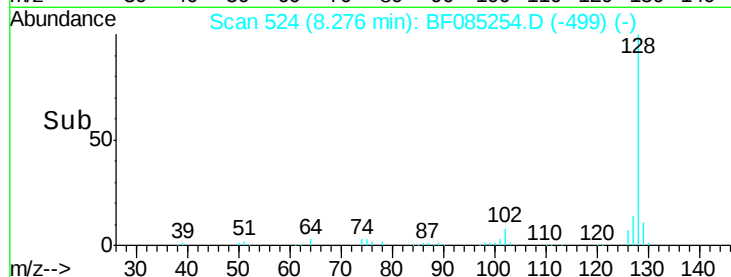
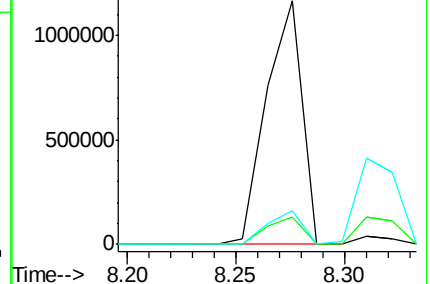
127 13.6 11.2 16.8



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: 44.08 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

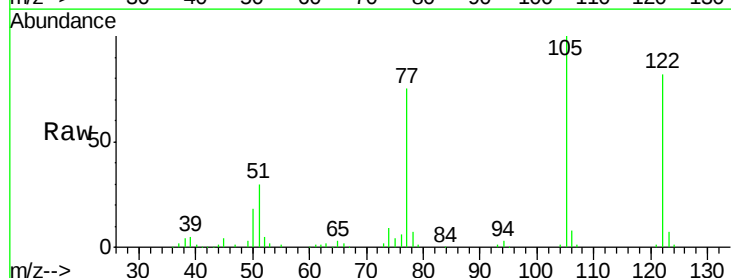
Tgt Ion:122 Resp: 332904

Ion Ratio Lower Upper

122 100

105 121.6 101.3 141.3

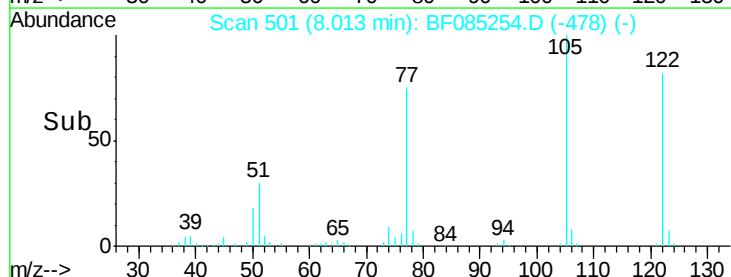
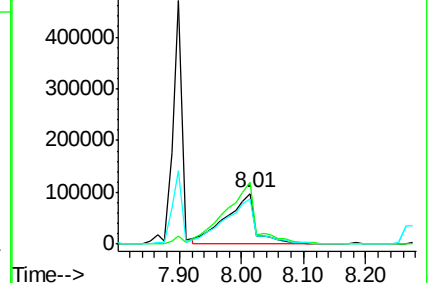
77 90.8 74.7 114.7

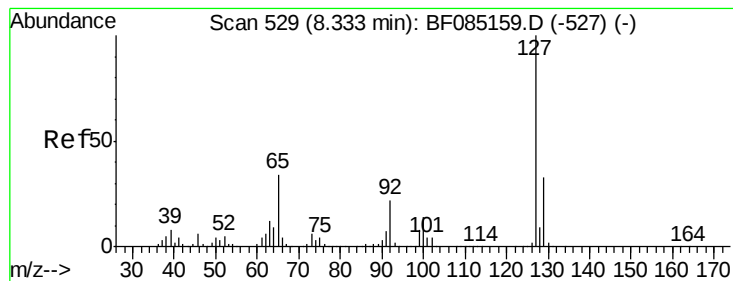


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.05 ng

RT: 8.31 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 536531

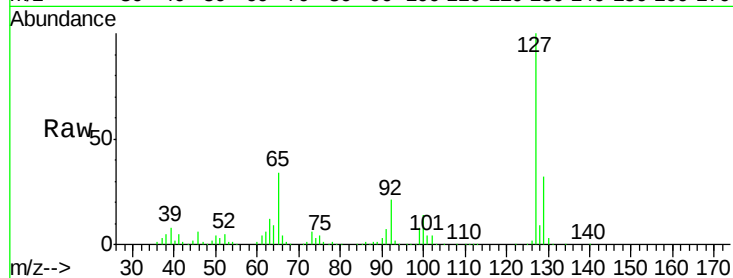
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 34.2 27.0 40.6

92 21.5 17.4 26.0

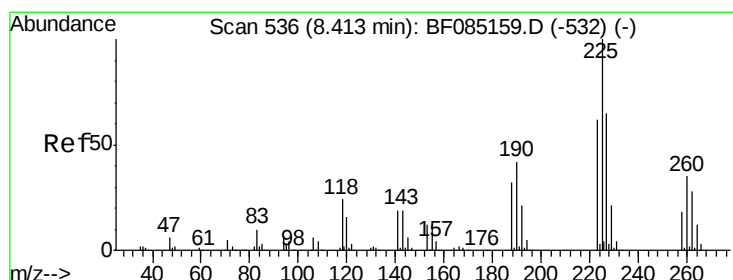
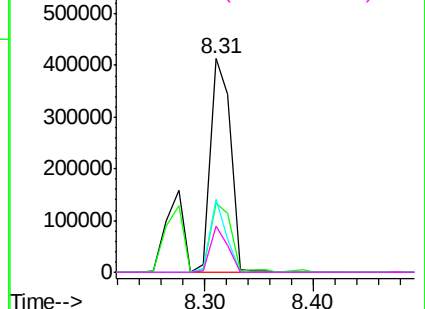
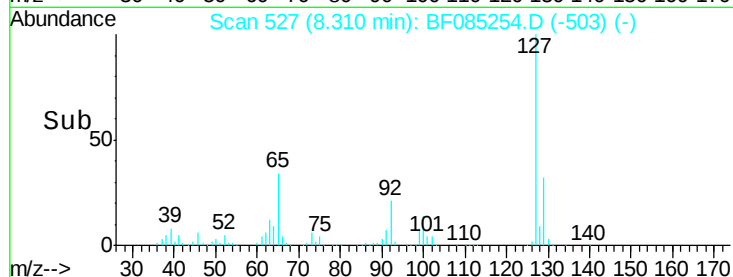


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.58 ng

RT: 8.39 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

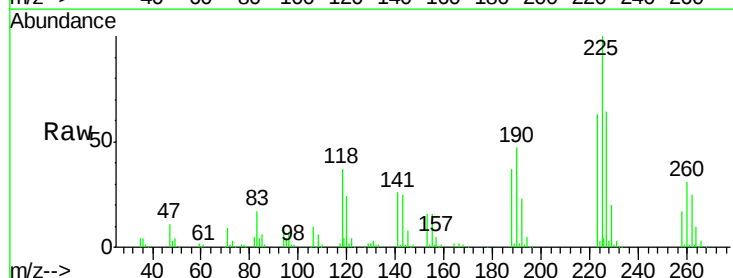
Tgt Ion:225 Resp: 214529

Ion Ratio Lower Upper

225 100

223 63.0 49.7 74.5

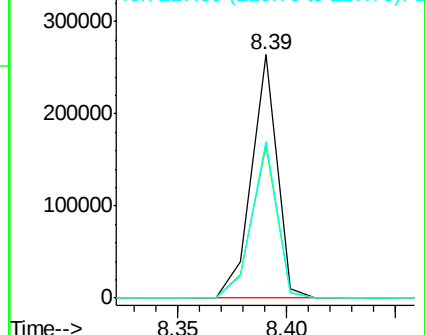
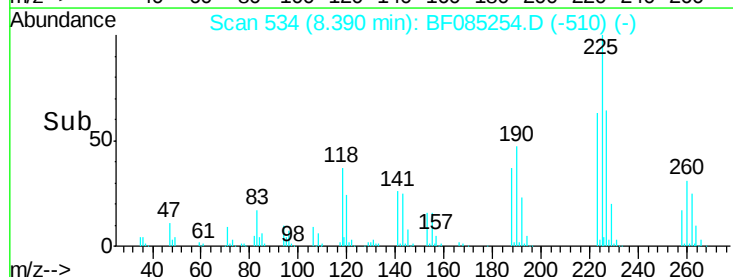
227 64.4 52.2 78.4

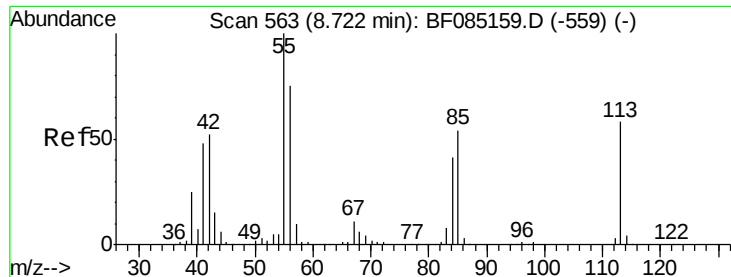


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

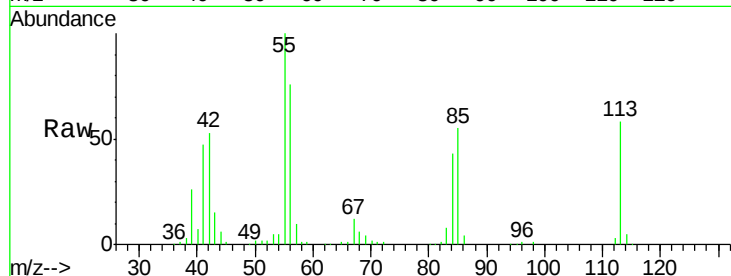




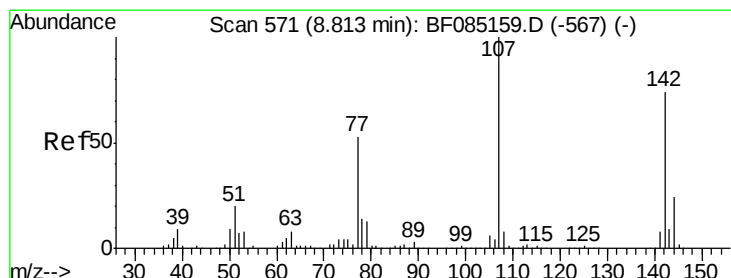
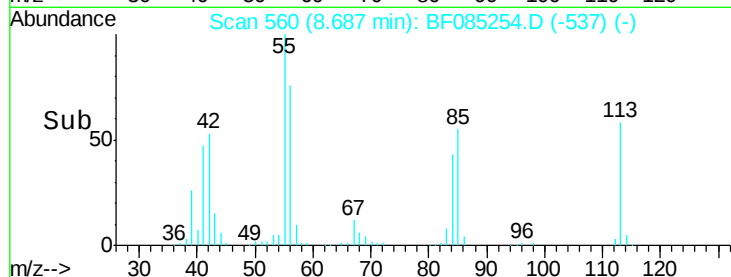
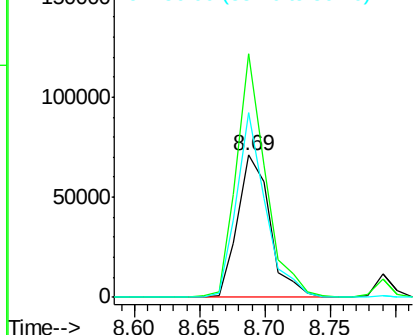
#35
 Caprolactam
 Concen: 41.00 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 122785
 Ion Ratio Lower Upper
 113 100
 55 171.4 152.7 192.7
 56 129.8 109.0 149.0

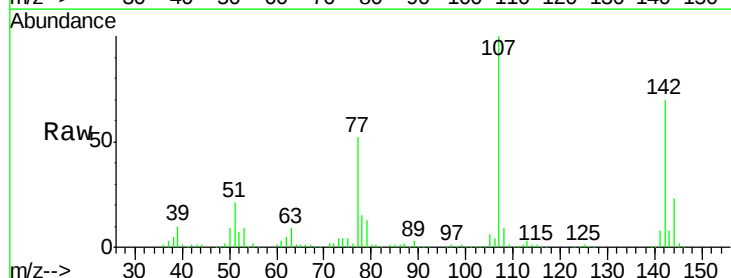


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

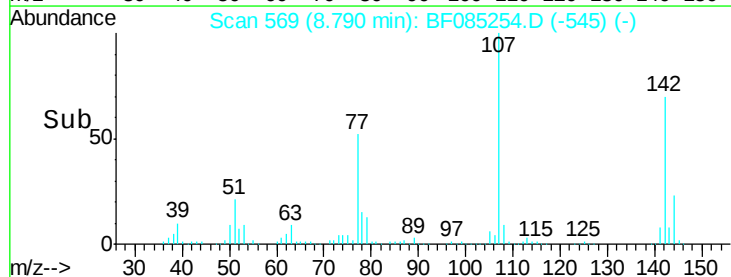
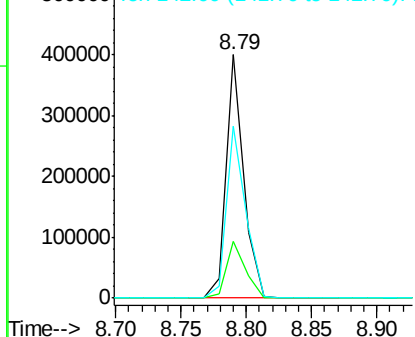


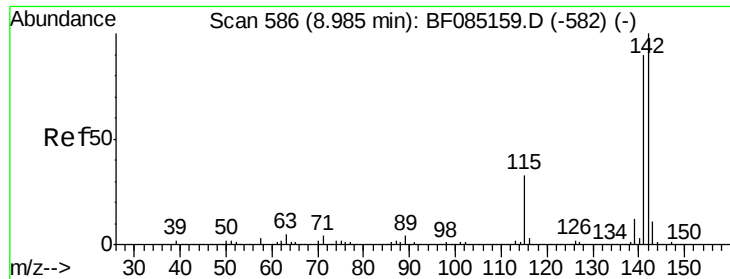
#36
 4-Chloro-3-methylphenol
 Concen: 36.05 ng
 RT: 8.79 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:107 Resp: 375053
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.4 29.2
 142 70.4 59.4 89.2



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

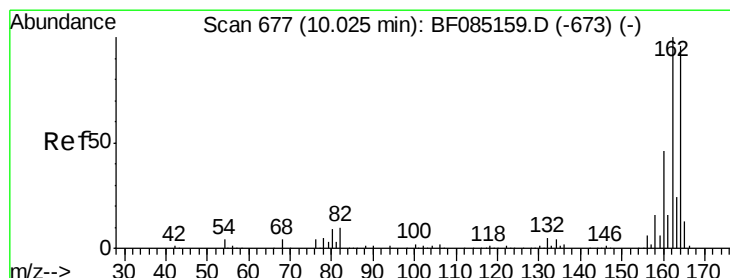
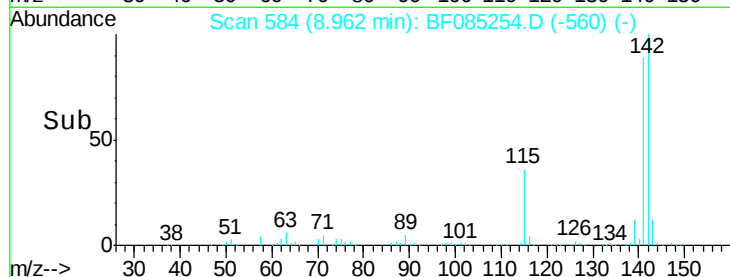
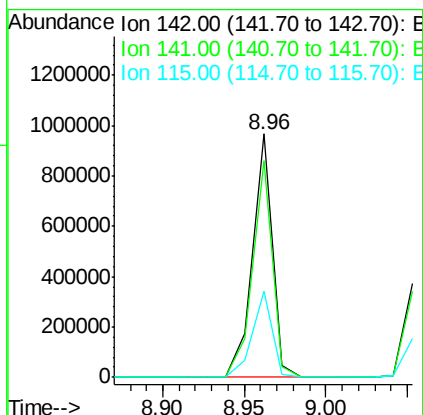
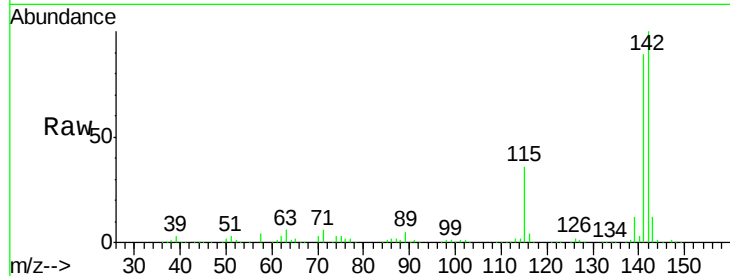




#37
 2-Methylnaphthalene
 Concen: 38.42 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

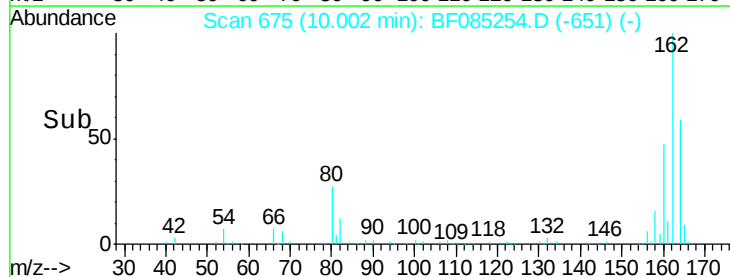
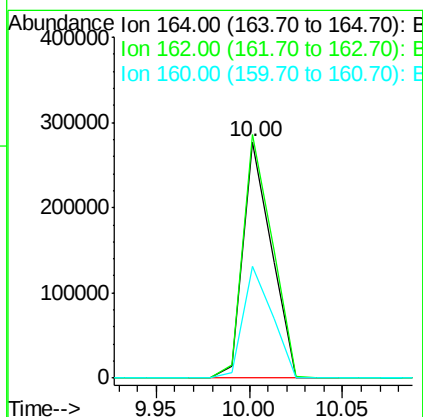
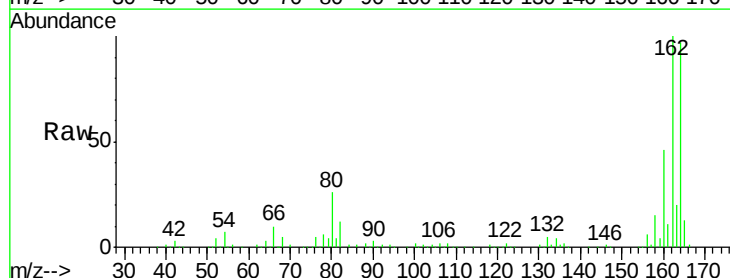
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

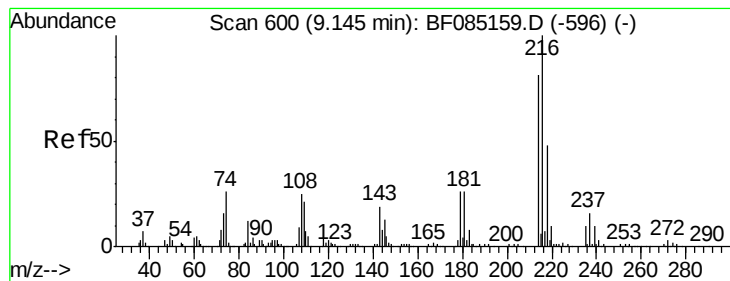
Tgt Ion:142 Resp: 816544
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.7 107.5
 115 35.6 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:164 Resp: 294304
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.3 124.9
 160 47.1 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.12 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 379750

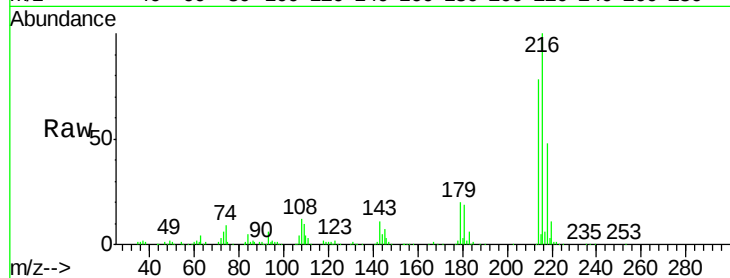
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.7 19.6 29.4

108 20.4 19.6 29.4

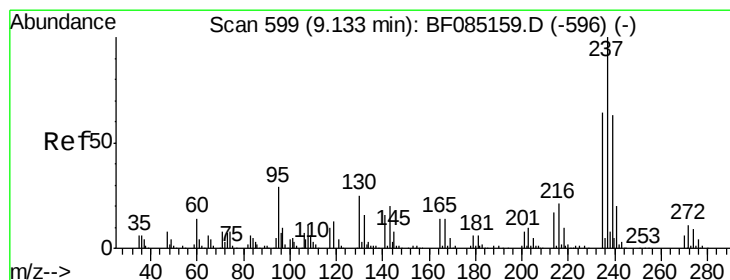
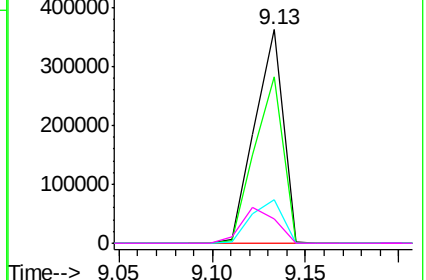
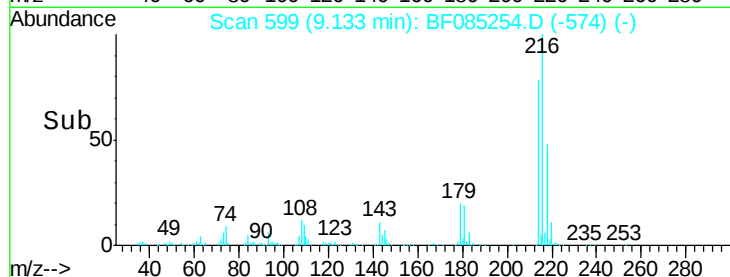


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.98 ng

RT: 9.12 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

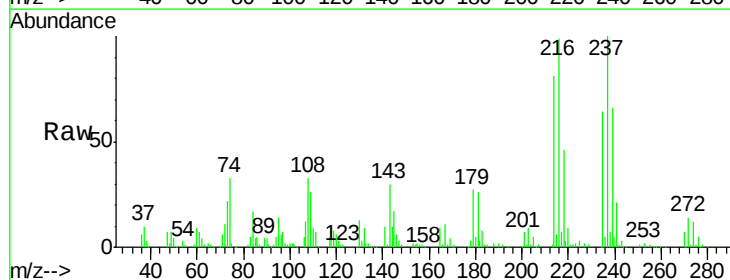
Tgt Ion:237 Resp: 199648

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

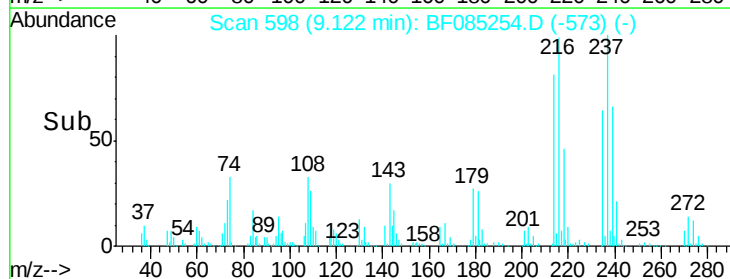
272 13.9 0.0 31.5



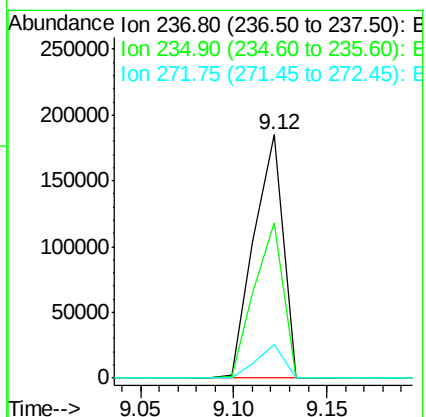
Abundance Ion 236.80 (236.50 to 237.50): E

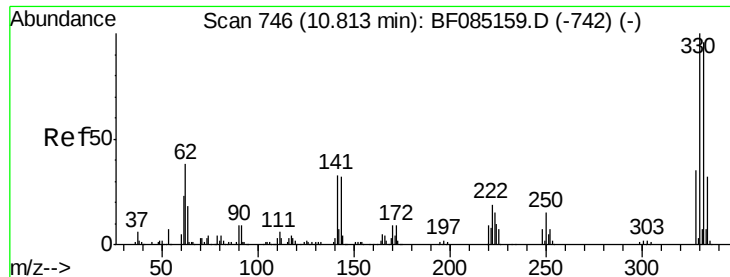
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

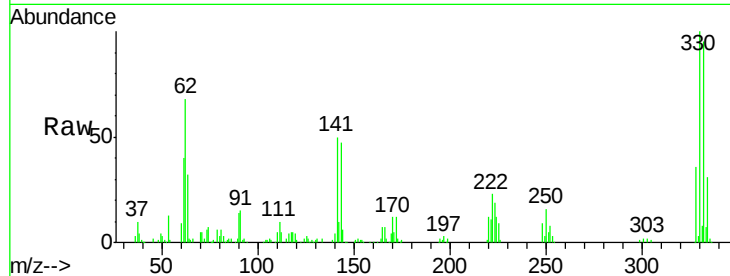




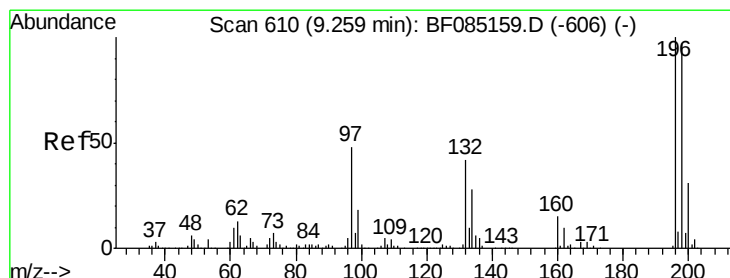
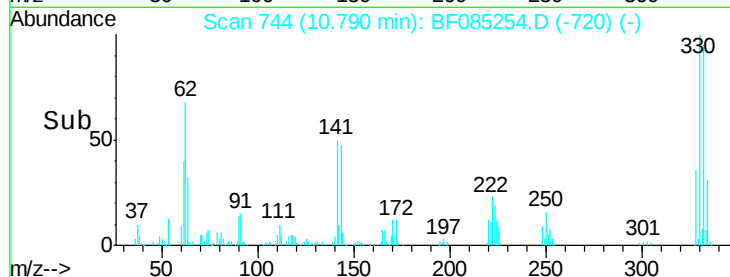
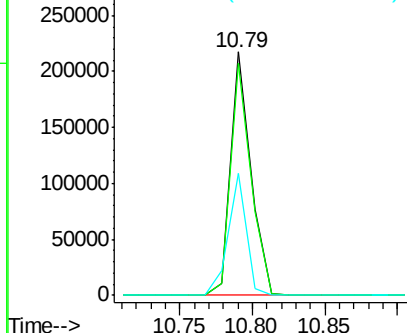
#41
 2,4,6-Tribromophenol
 Concen: 83.80 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 211021
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 44.9 35.0 52.6

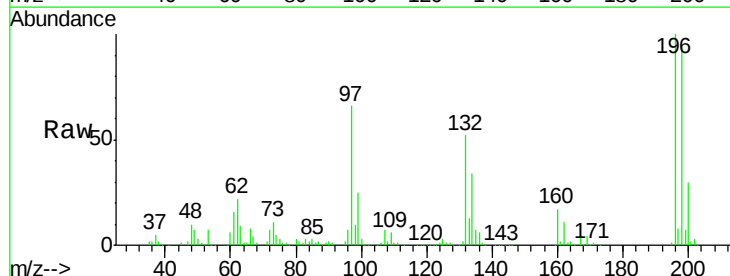


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

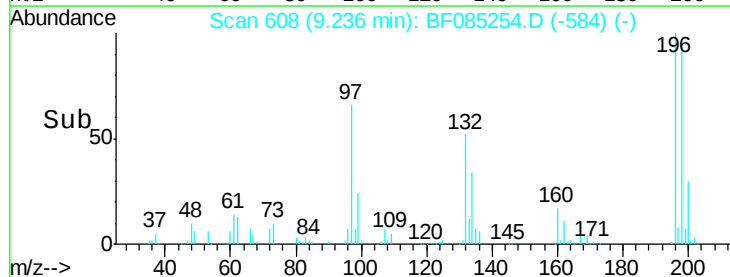
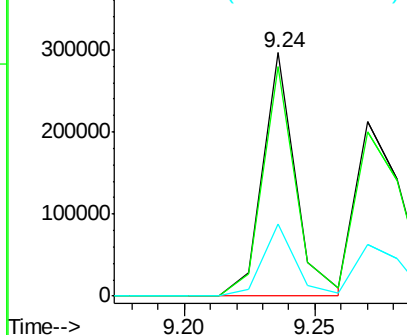


#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:196 Resp: 258592
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.8 116.6
 200 29.8 25.0 37.6



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

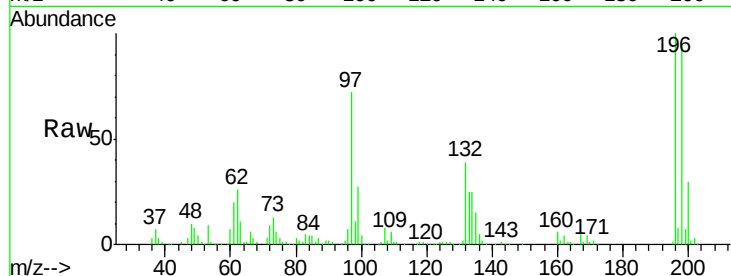




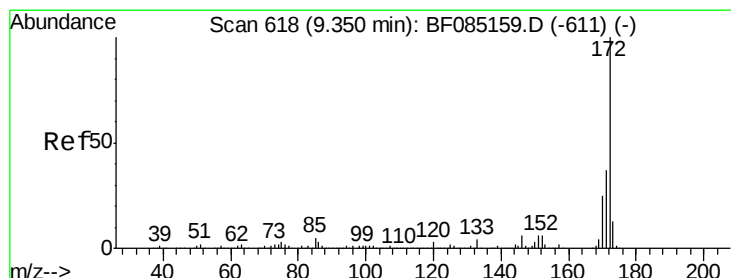
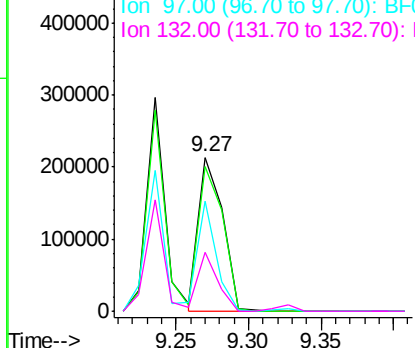
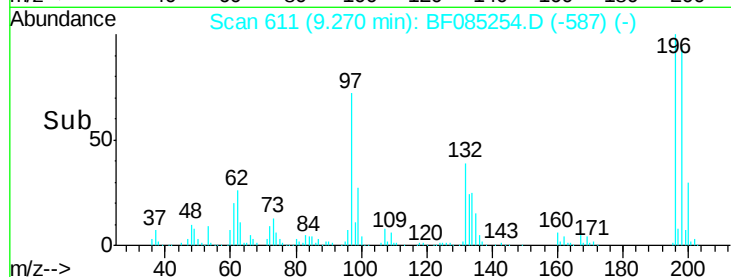
#43
 2,4,5-Trichlorophenol
 Concen: 41.73 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 247907
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 97 71.6 46.4 69.6#
 132 38.8 26.2 39.4

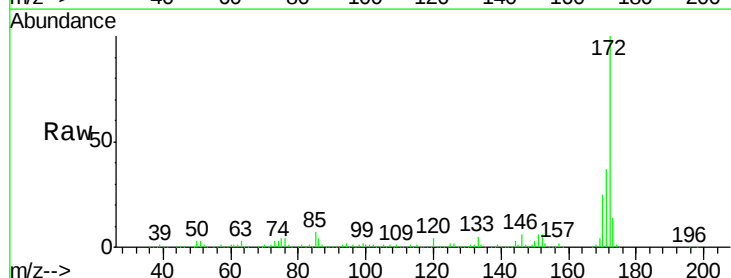


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

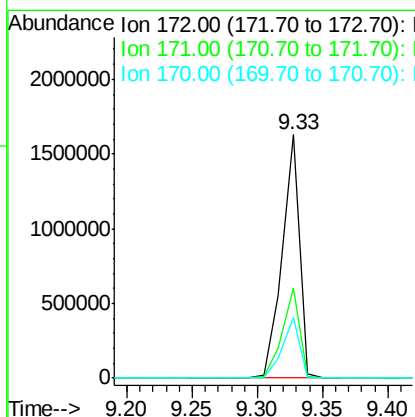
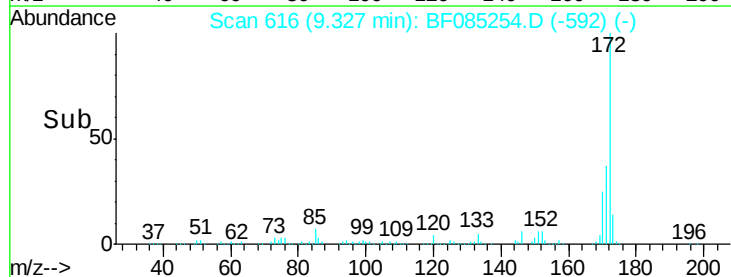


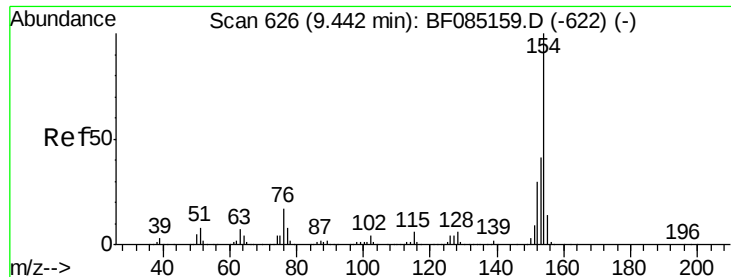
#44
 2-Fluorobiphenyl
 Concen: 79.16 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:172 Resp: 1531897
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 24.9 20.0 30.0



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





#45

1,1'-Biphenyl

Concen: 43.82 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

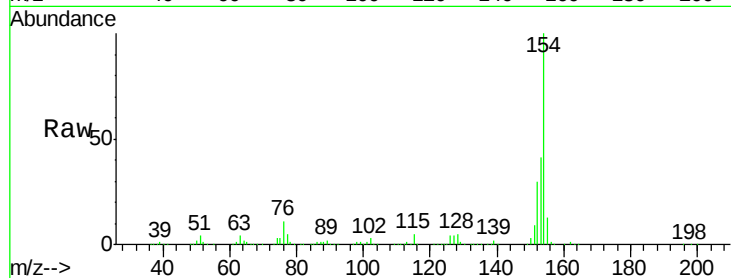
Tgt Ion:154 Resp: 1101822

Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

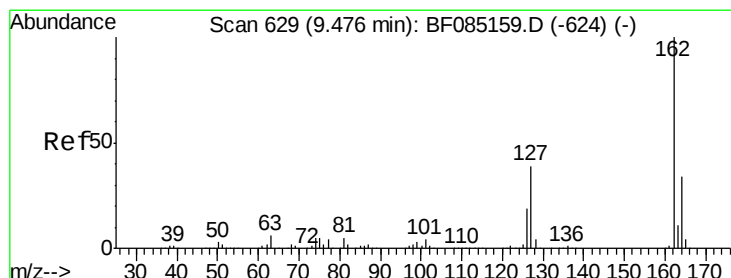
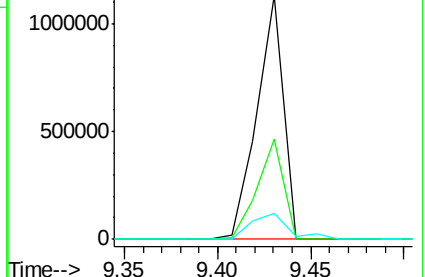
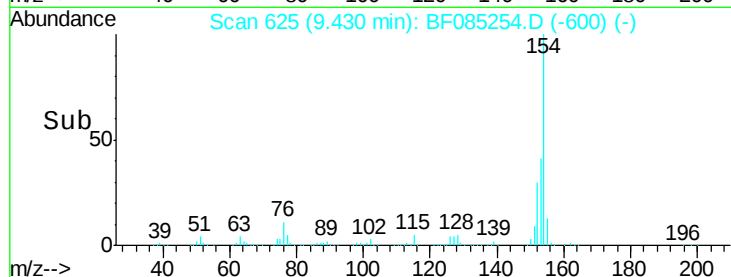
76 10.9 0.0 37.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.19 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

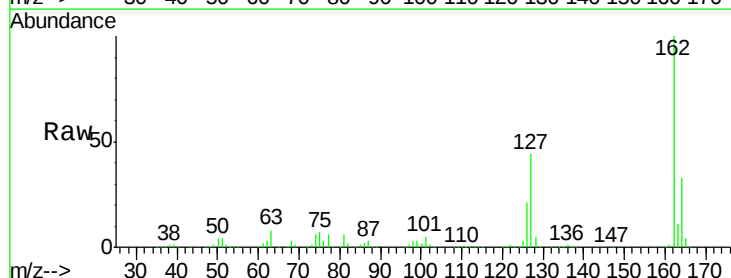
Tgt Ion:162 Resp: 808623

Ion Ratio Lower Upper

162 100

127 44.1 31.6 47.4

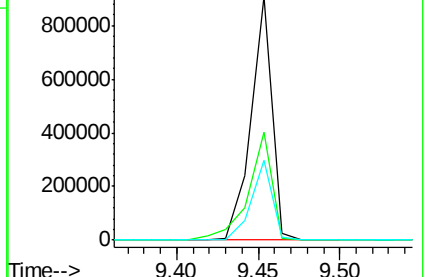
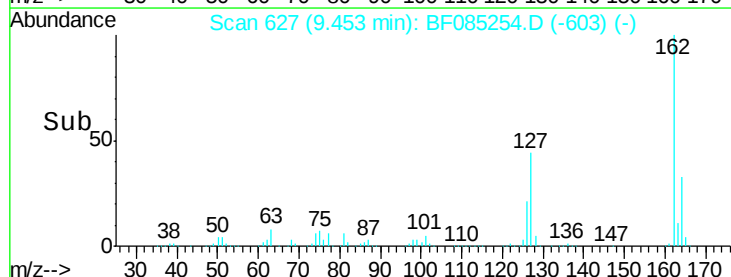
164 33.0 27.1 40.7

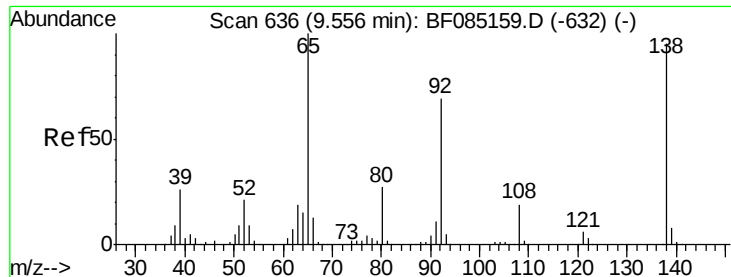


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

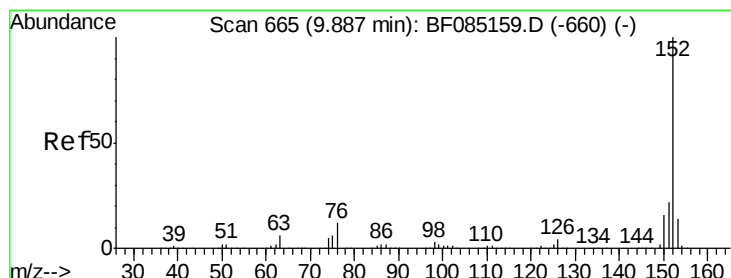
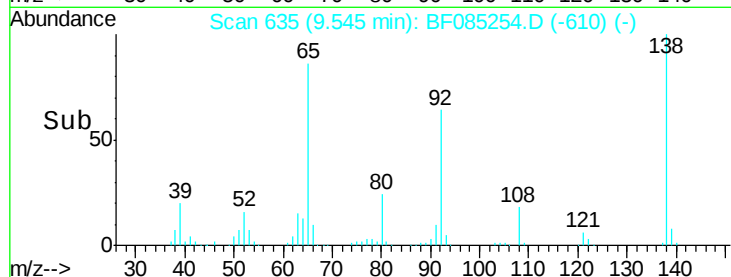
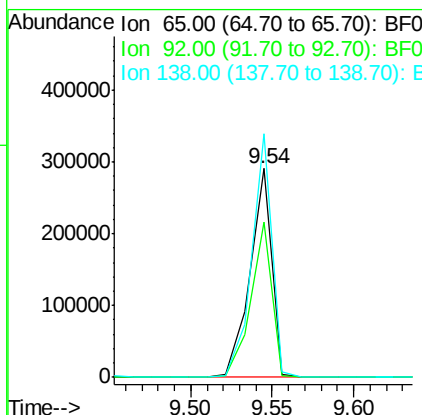
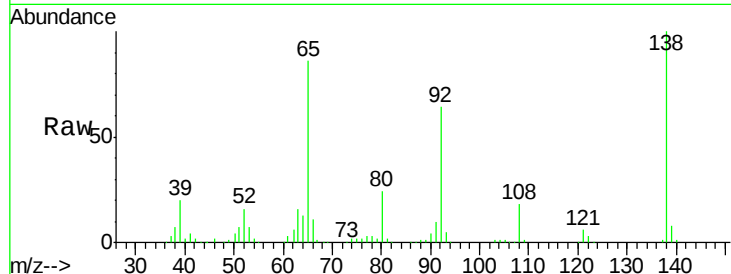




#47
2-Nitroaniline
Concen: 45.02 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

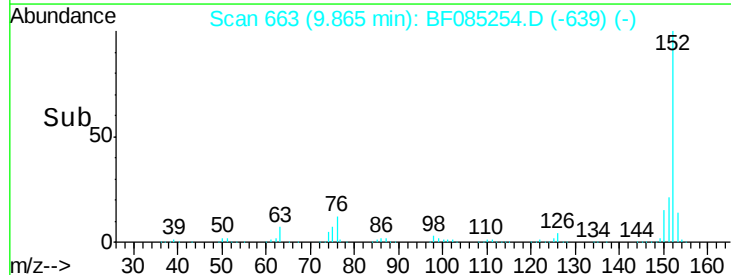
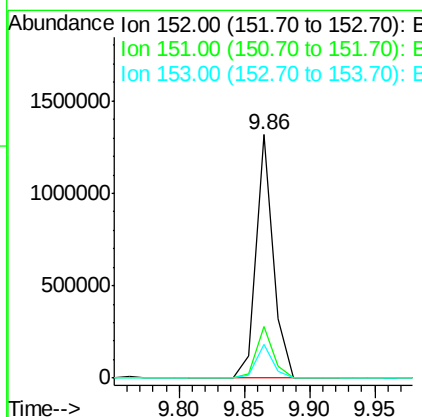
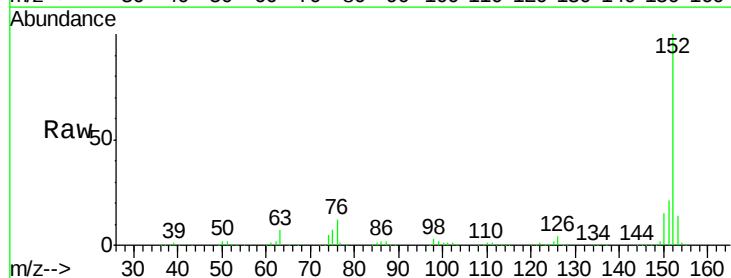
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

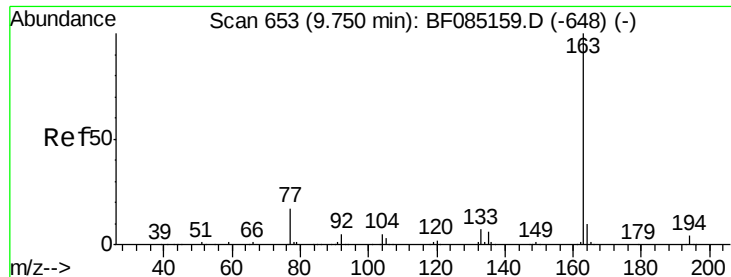
Tgt Ion: 65 Resp: 267368
Ion Ratio Lower Upper
65 100
92 74.6 55.4 83.2
138 116.7 75.7 113.5#



#48
Acenaphthylene
Concen: 40.43 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion: 152 Resp: 1206006
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 13.8 11.3 16.9

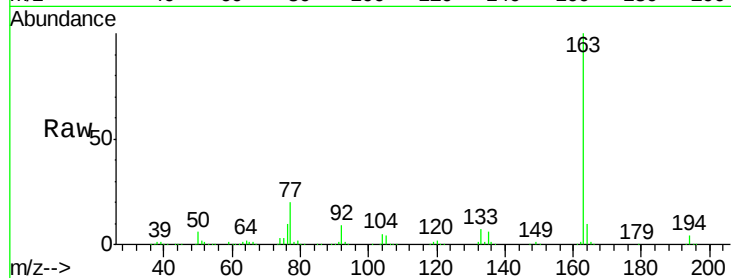




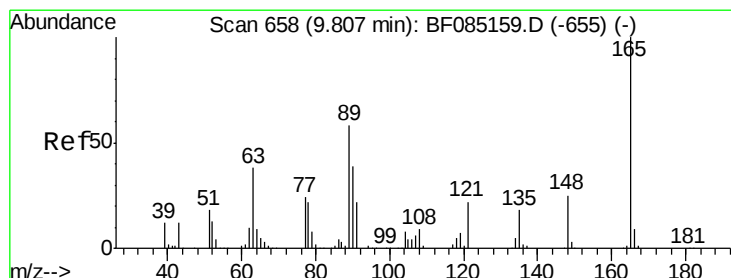
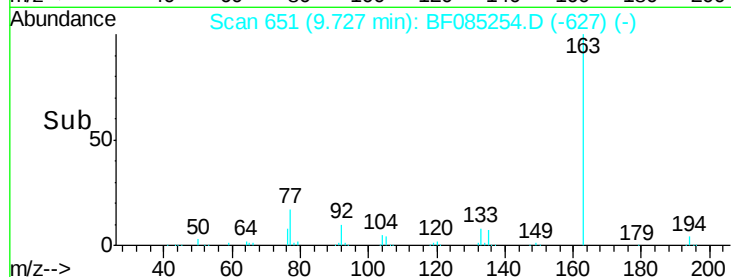
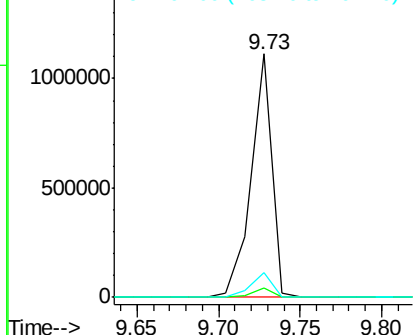
#49
Dimethylphthalate
Concen: 43.38 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 980033
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.3 8.2 12.4

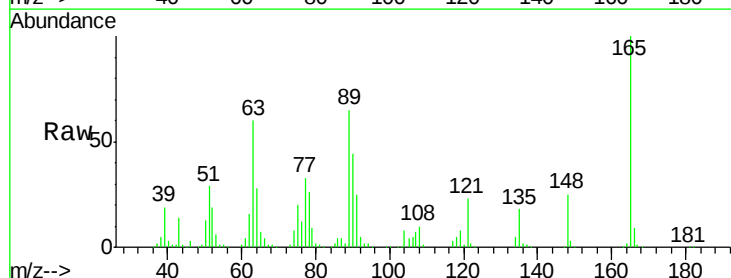


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

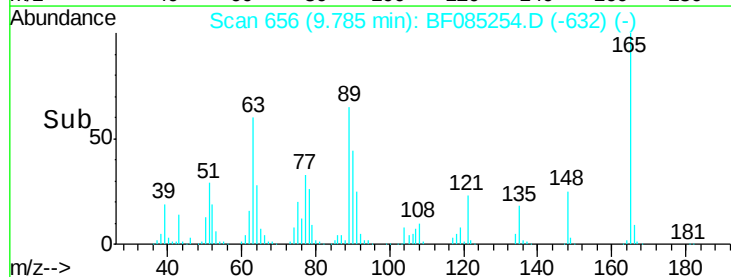
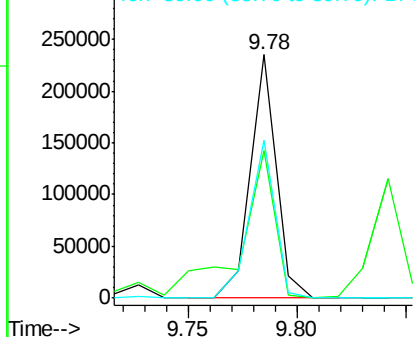


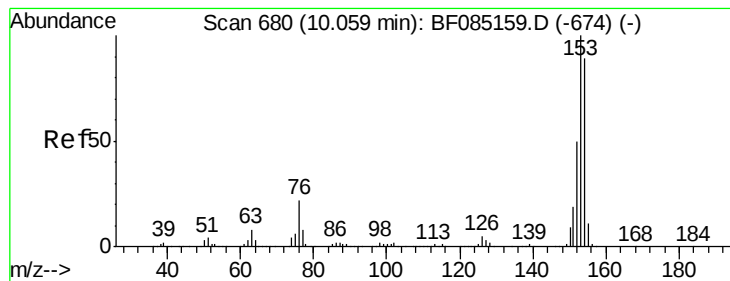
#50
2,6-Dinitrotoluene
Concen: 40.23 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion:165 Resp: 194418
Ion Ratio Lower Upper
165 100
63 60.5 41.8 62.8
89 64.6 46.7 70.1



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





#51

Acenaphthene

Concen: 40.33 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

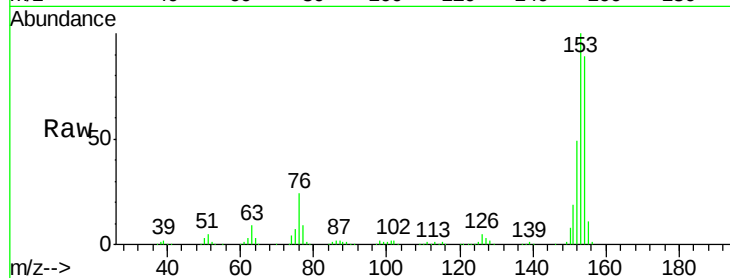
Tgt Ion:154 Resp: 730393

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.8

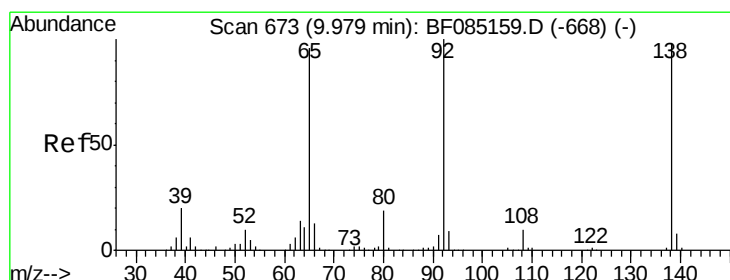
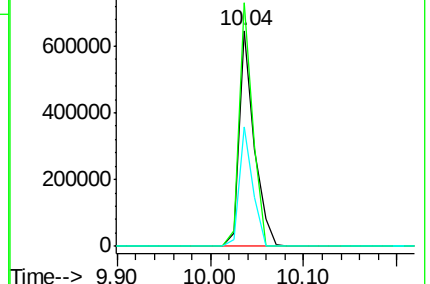
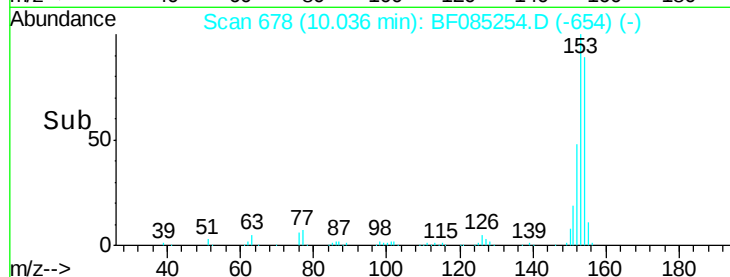
152 55.3 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.75 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

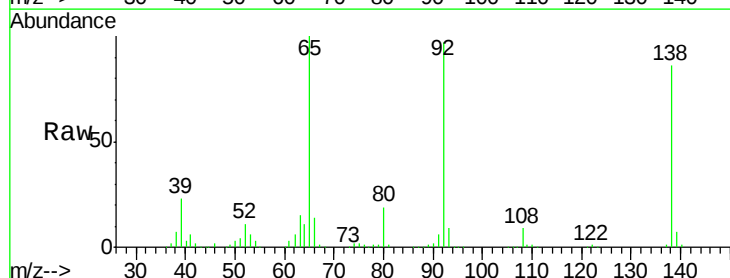
Tgt Ion:138 Resp: 258702

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

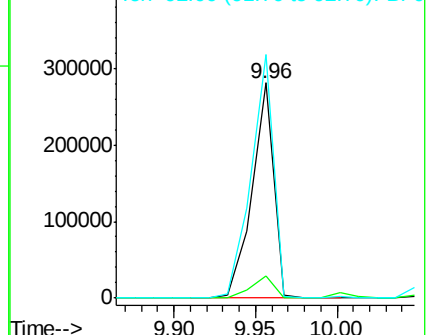
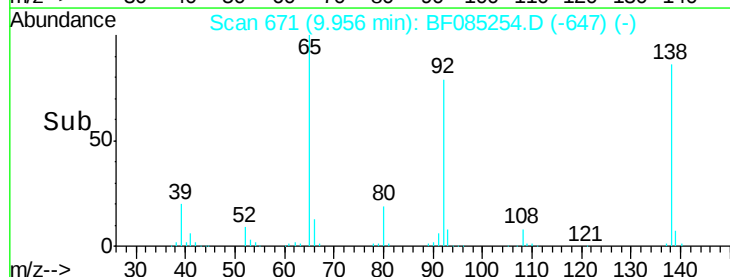
92 113.1 81.3 121.9

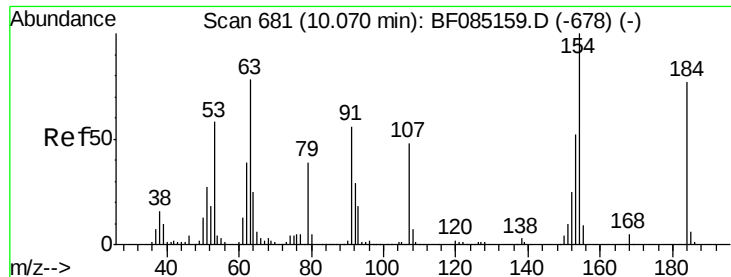


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

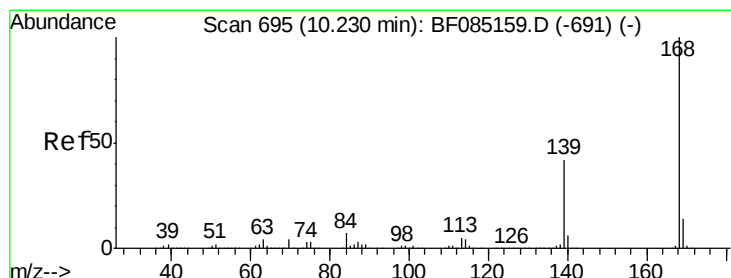
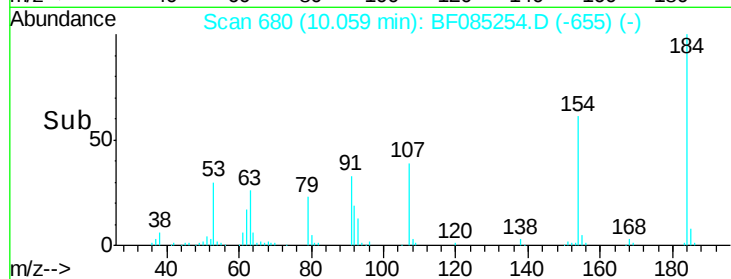
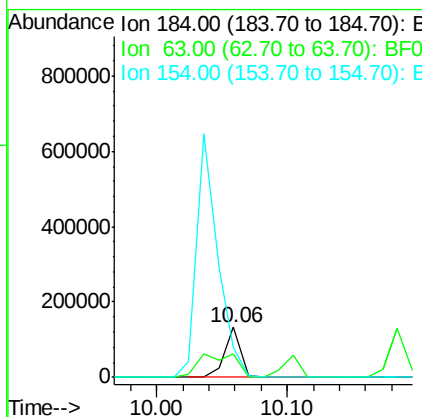
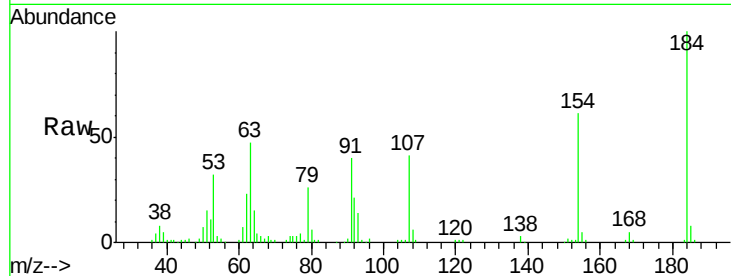




#53
 2,4-Dinitrophenol
 Concen: 50.16 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

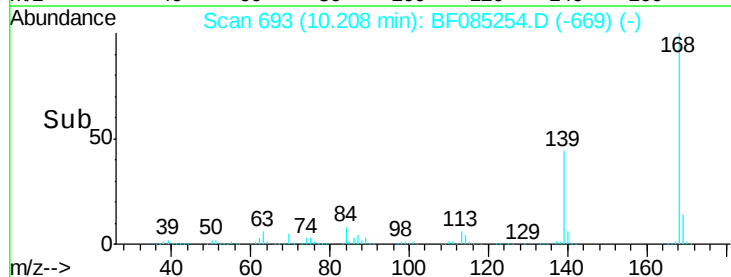
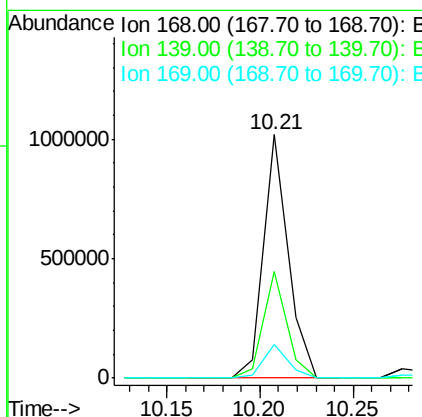
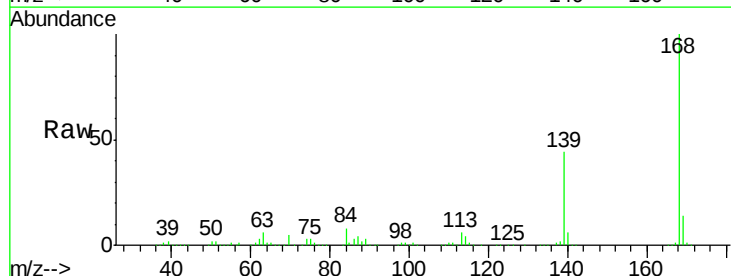
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

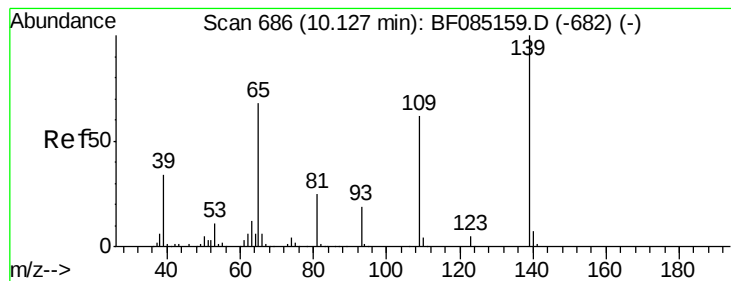
Tgt Ion:184 Resp: 114858
 Ion Ratio Lower Upper
 184 100
 63 47.0 82.2 123.4#
 154 60.8 108.9 163.3#



#54
 Dibenzofuran
 Concen: 39.02 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:168 Resp: 925807
 Ion Ratio Lower Upper
 168 100
 139 43.7 33.6 50.4
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 42.84 ng

RT: 10.10 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

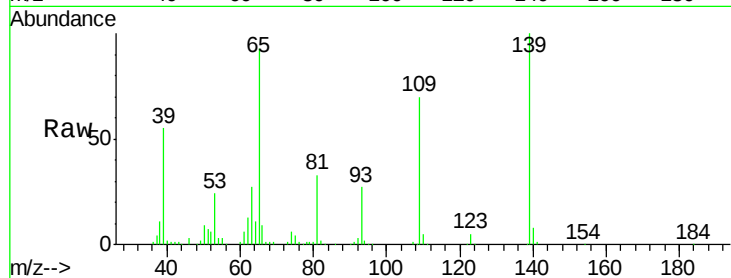
Tgt Ion:139 Resp: 194657

Ion Ratio Lower Upper

139 100

109 70.1 41.9 81.9

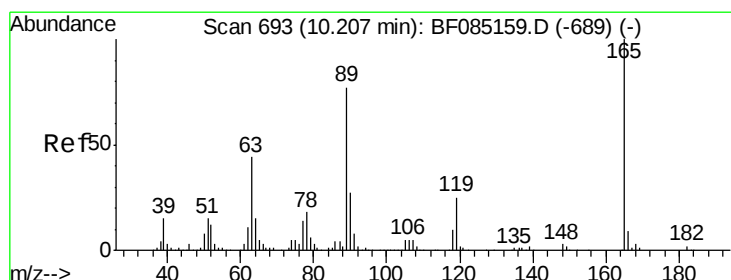
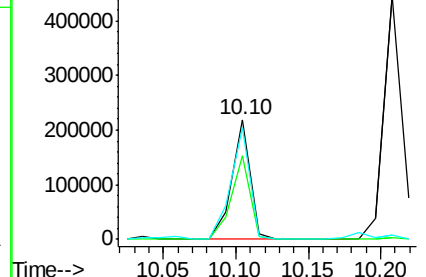
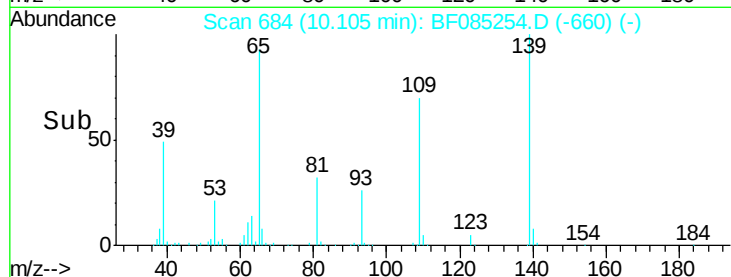
65 93.4 48.3 88.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.62 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Tgt Ion:165 Resp: 245055

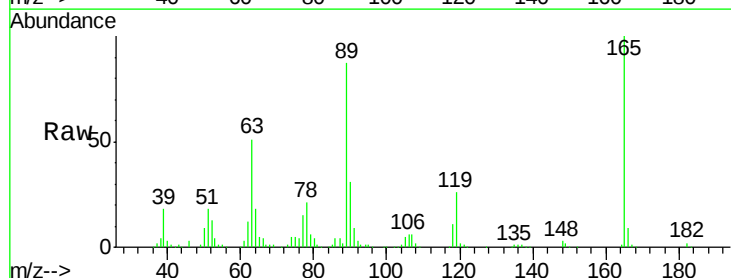
Ion Ratio Lower Upper

165 100

63 50.8 35.4 53.0

89 87.3 61.9 92.9

182 2.3 1.9 2.9

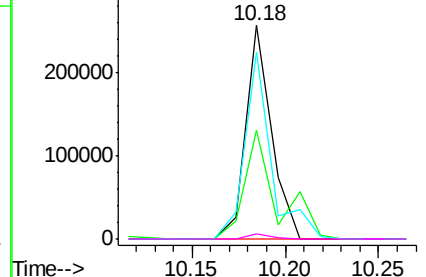
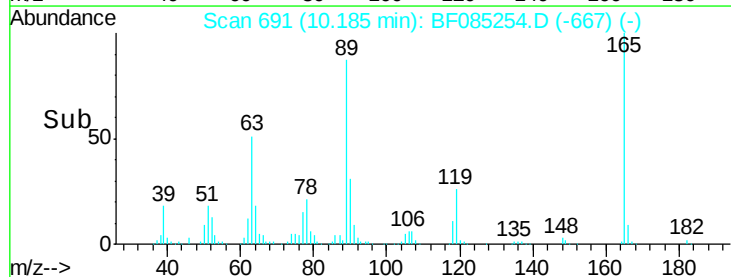


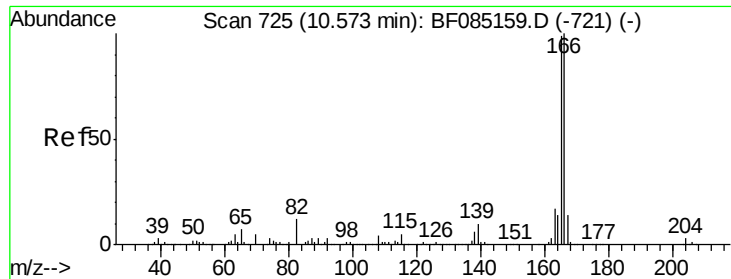
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.74 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

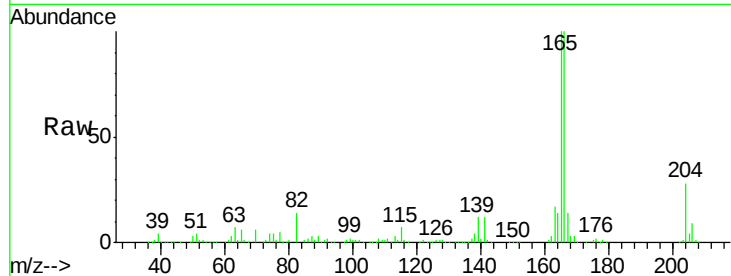
Tgt Ion:166 Resp: 759303

Ion Ratio Lower Upper

166 100

165 100.1 79.4 119.0

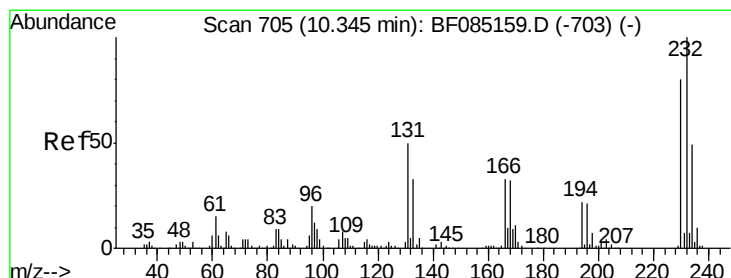
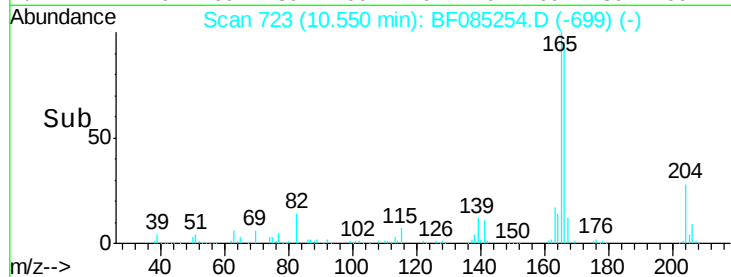
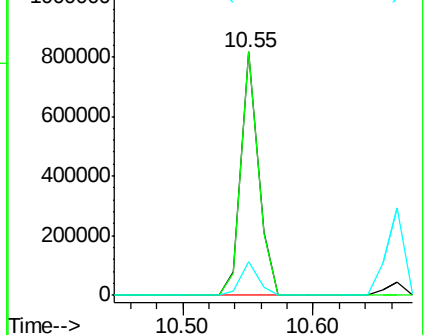
167 14.1 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.14 ng

RT: 10.32 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Tgt Ion:232 Resp: 175872

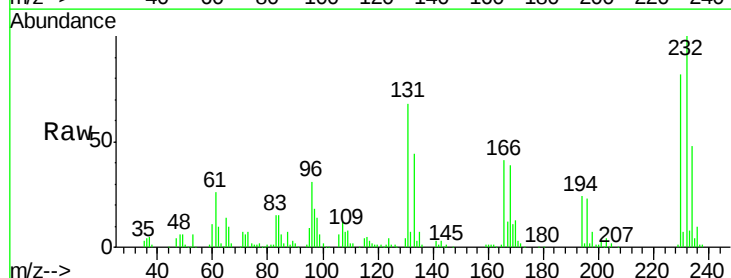
Ion Ratio Lower Upper

232 100

131 58.3 46.0 69.0

130 3.0 2.2 3.4

166 36.1 28.8 43.2

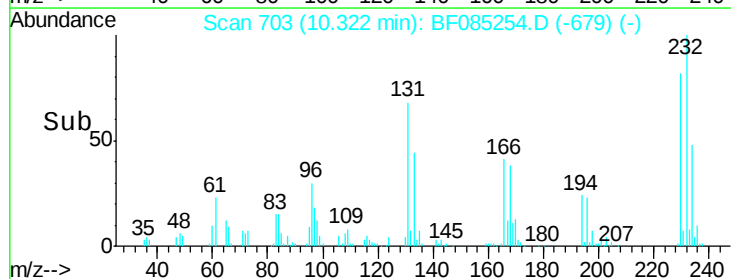
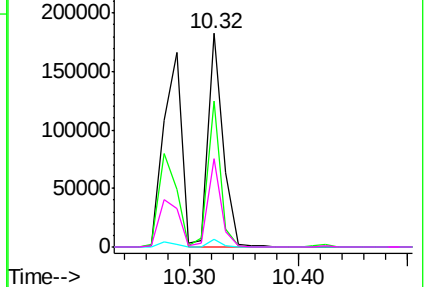


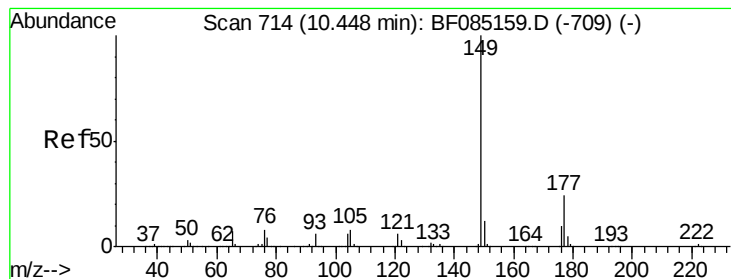
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.92 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

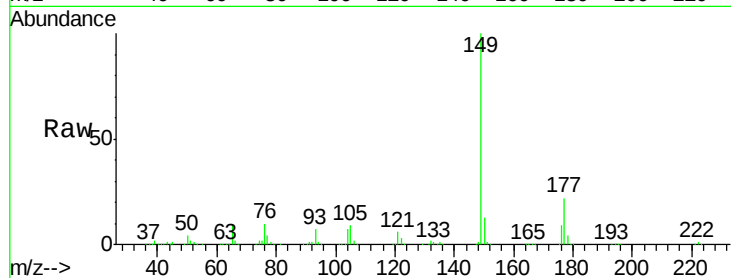
Tgt Ion:149 Resp: 962785

Ion Ratio Lower Upper

149 100

177 22.3 19.2 28.8

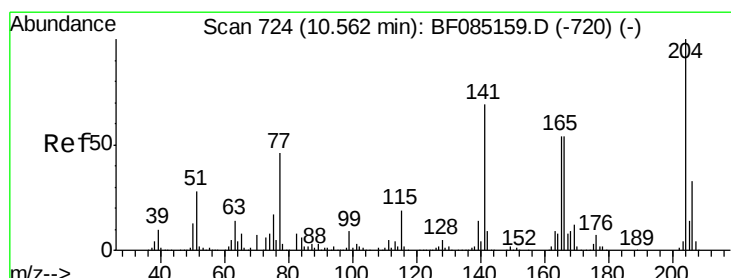
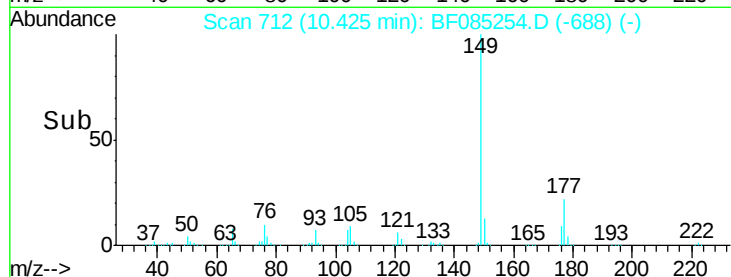
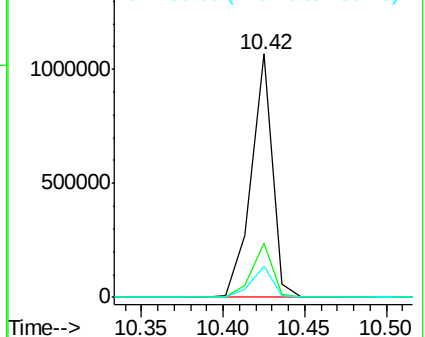
150 12.7 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.76 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

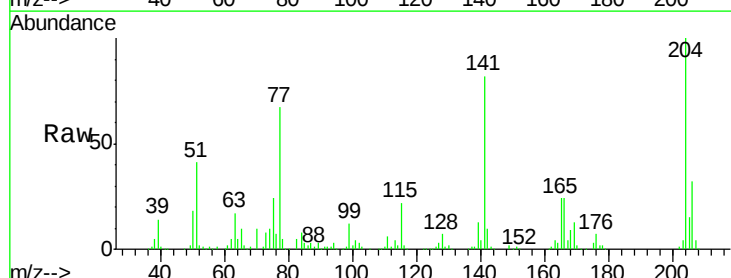
Tgt Ion:204 Resp: 378686

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

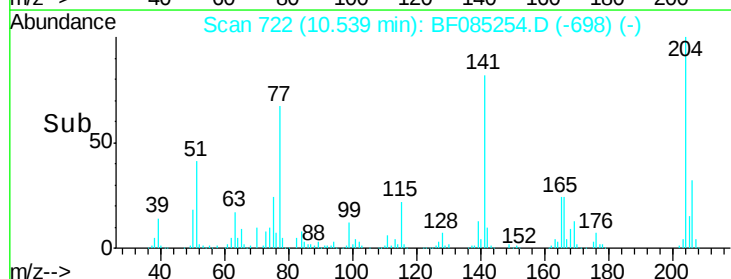
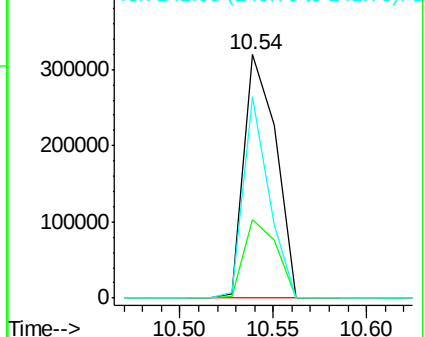
141 82.5 55.4 83.2

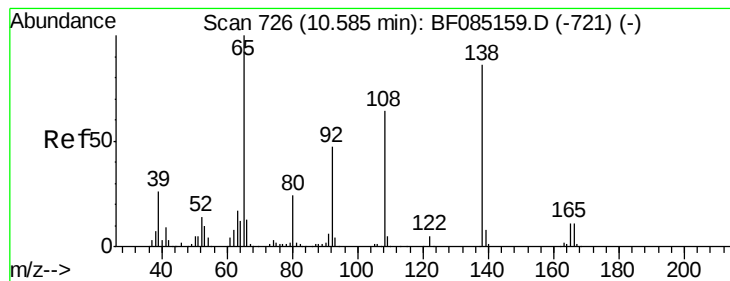


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.39 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

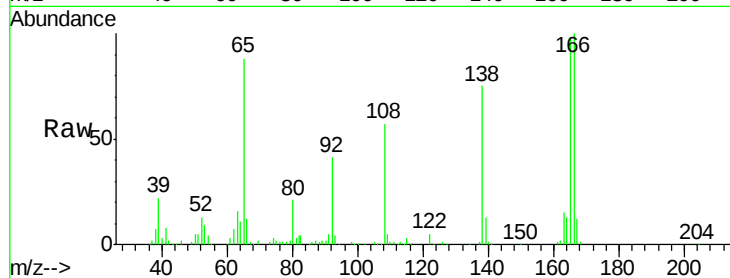
Tgt Ion:138 Resp: 240020

Ion Ratio Lower Upper

138 100

92 54.7 34.2 74.2

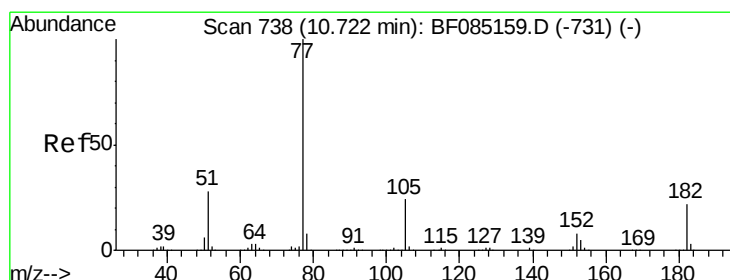
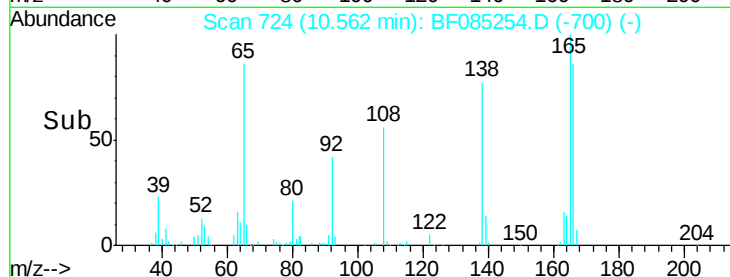
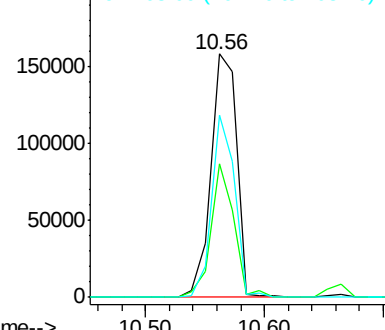
108 75.1 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.72 ng

RT: 10.70 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Tgt Ion: 77 Resp: 901006

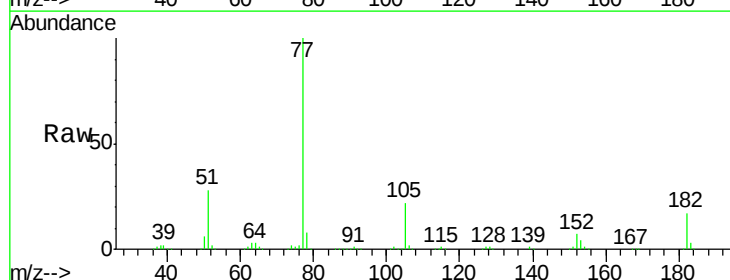
Ion Ratio Lower Upper

77 100

182 17.2 2.1 42.1

105 21.8 3.8 43.8

51 28.0 7.8 47.8

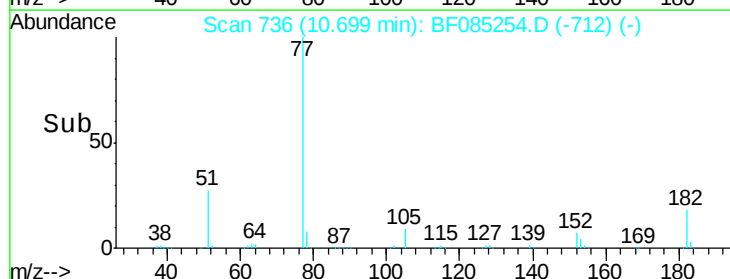
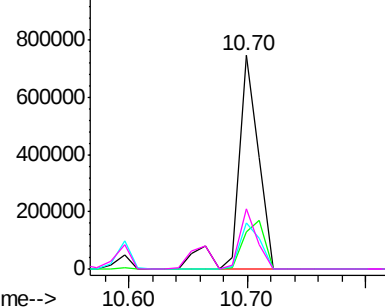


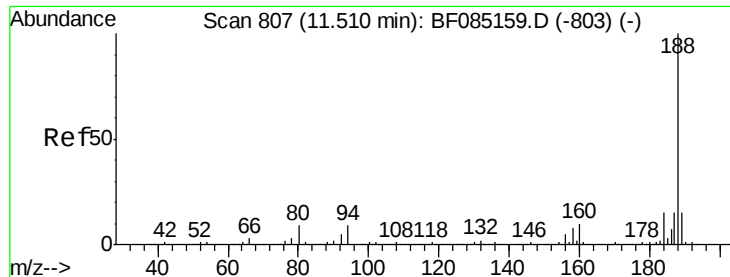
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

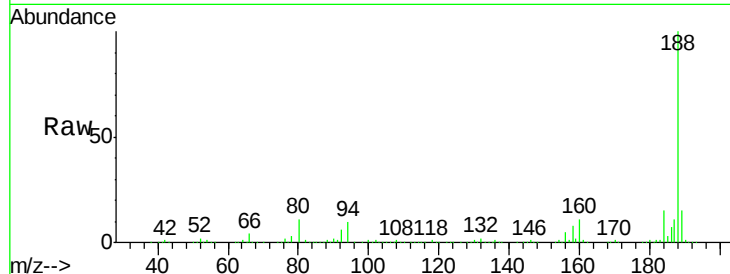




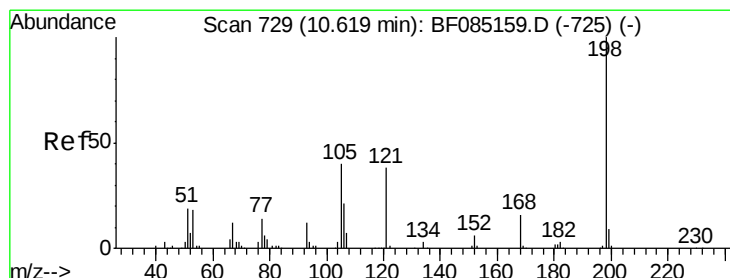
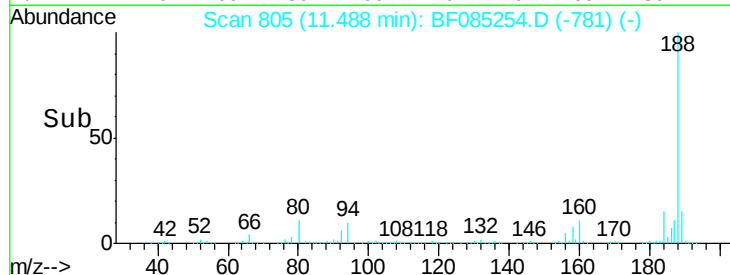
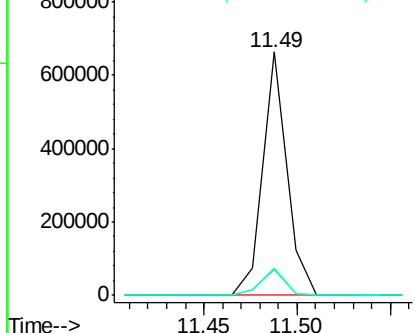
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 591760
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.0 7.4 11.0

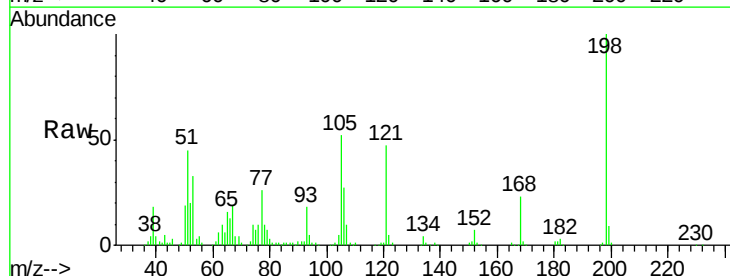


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

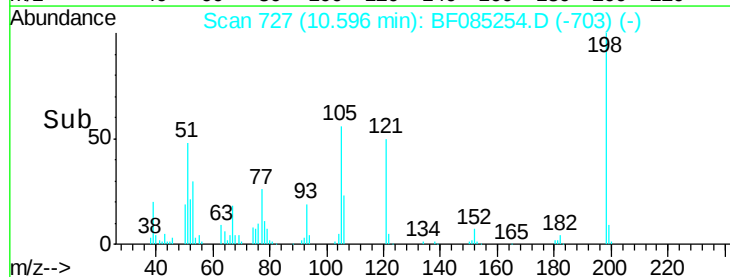
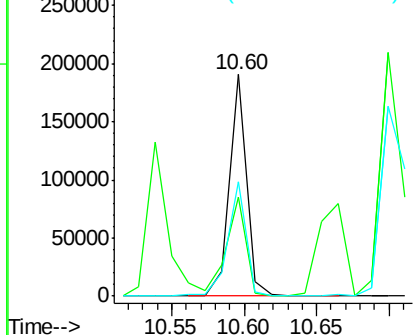


#64
4,6-Dinitro-2-methylphenol
Concen: 43.76 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion:198 Resp: 155055
Ion Ratio Lower Upper
198 100
51 44.8 9.5 49.5
105 52.0 20.5 60.5



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

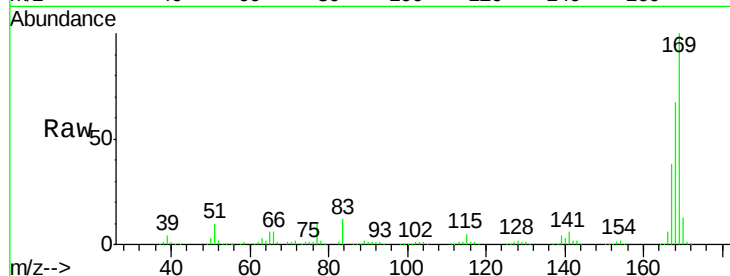




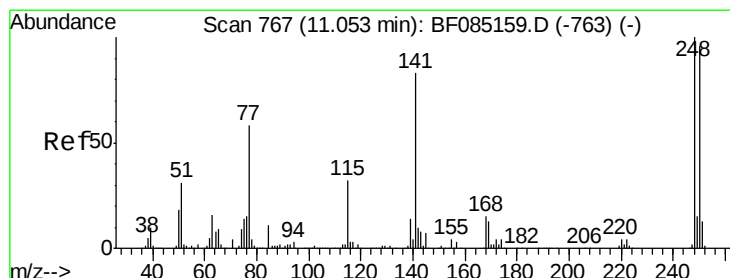
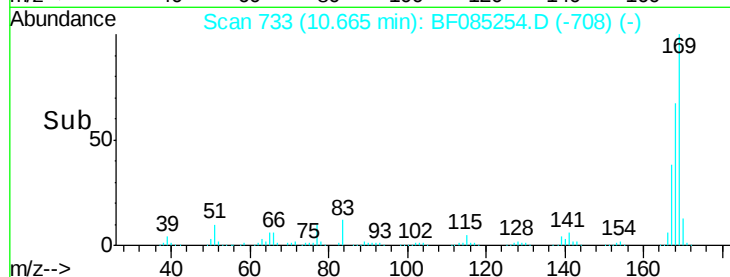
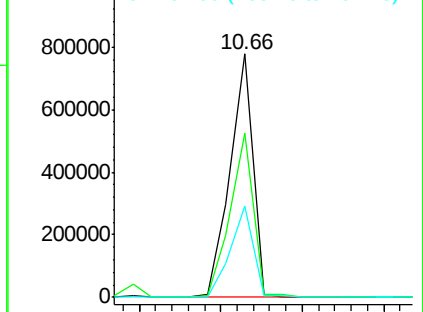
#65
 n-Nitrosodiphenylamine
 Concen: 40.78 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 750512
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.8 82.2
 167 37.5 30.3 45.5

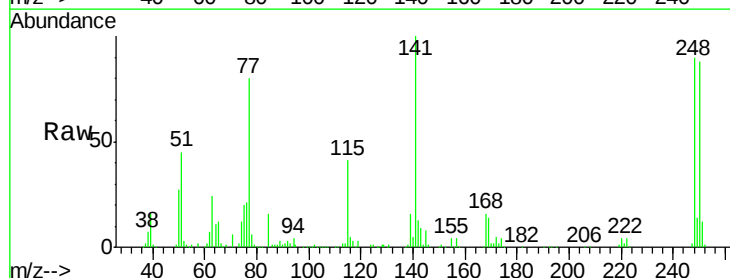


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

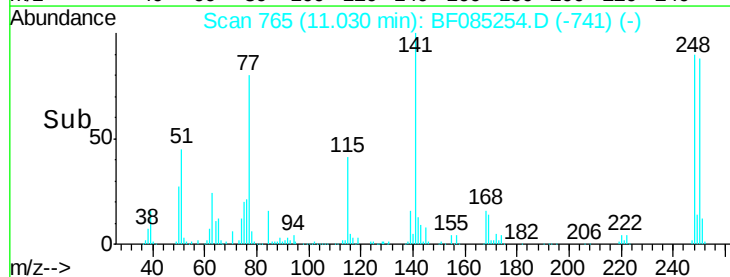
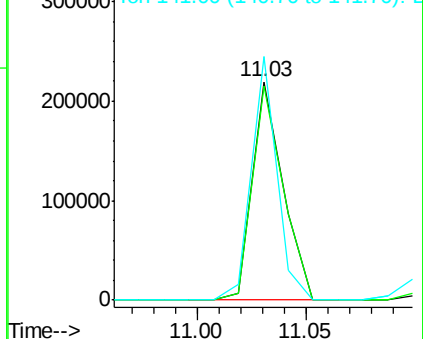


#66
 4-Bromophenyl-phenylether
 Concen: 37.38 ng
 RT: 11.03 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:248 Resp: 214808
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 111.6 66.2 99.2#



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

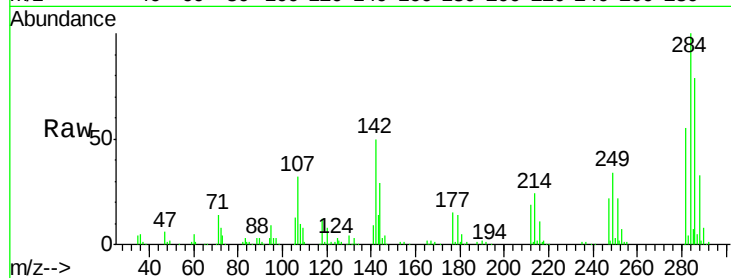




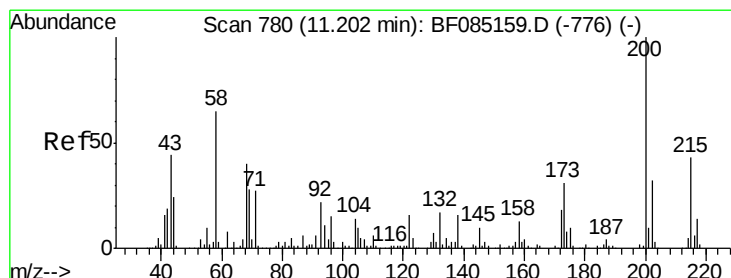
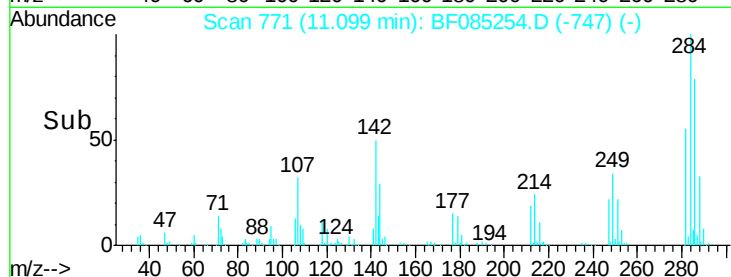
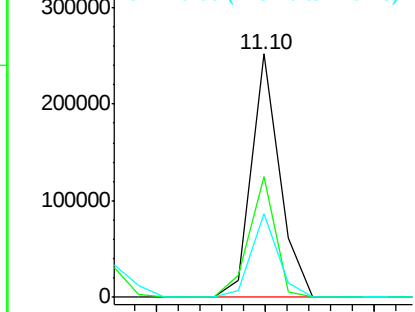
#67
Hexachlorobenzene
Concen: 37.04 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 227077
Ion Ratio Lower Upper
284 100
142 49.8 24.9 37.3#
249 34.5 25.0 37.4

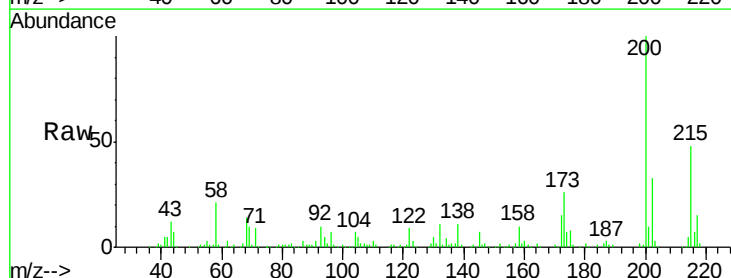


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

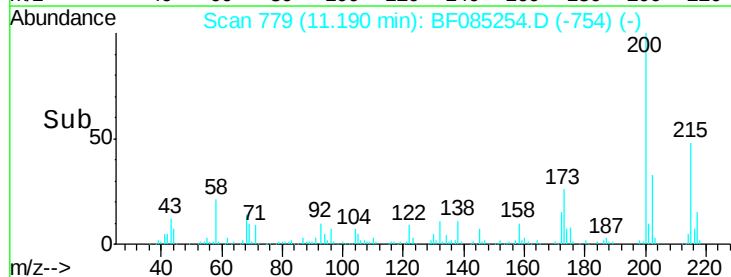
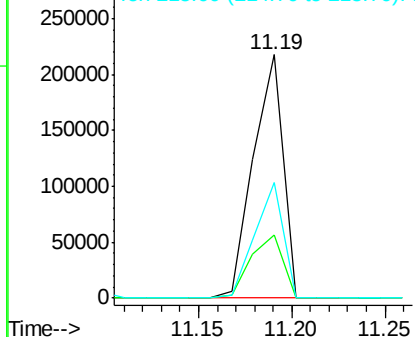


#68
Atrazine
Concen: 46.78 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion:200 Resp: 239469
Ion Ratio Lower Upper
200 100
173 25.9 10.5 50.5
215 47.5 23.4 63.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

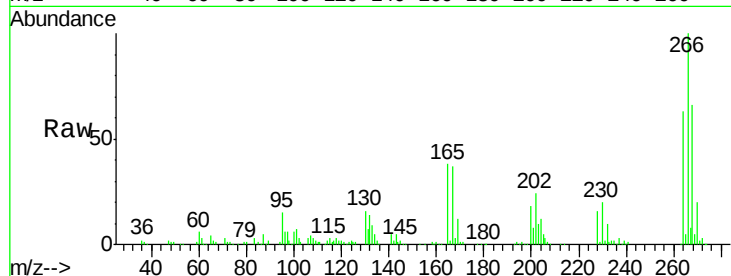




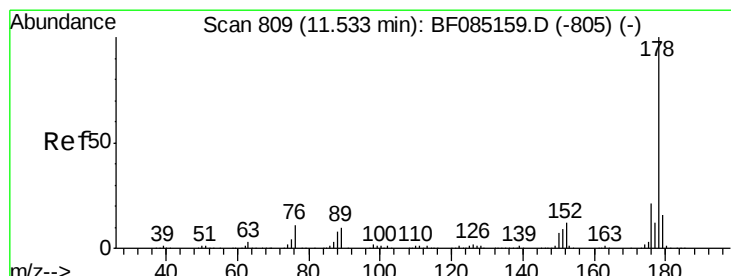
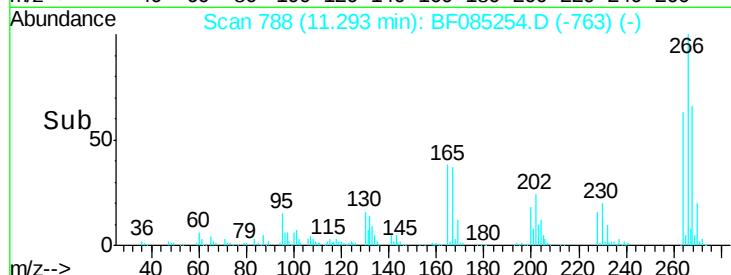
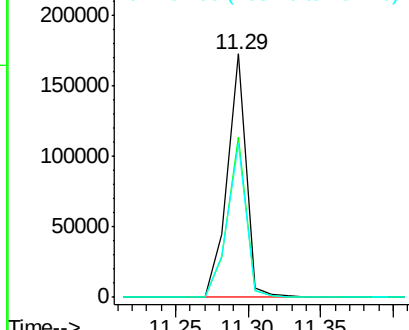
#69
 Pentachlorophenol
 Concen: 46.06 ng
 RT: 11.29 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 156717
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.0 75.0
 264 63.3 51.4 77.2

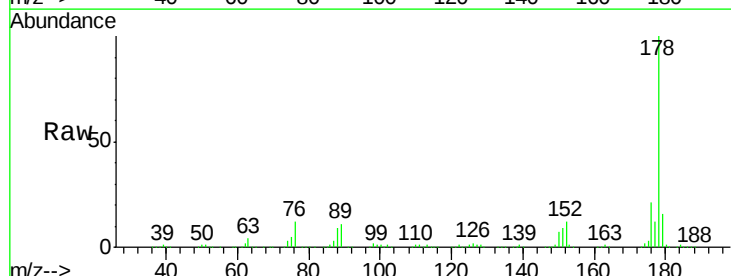


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

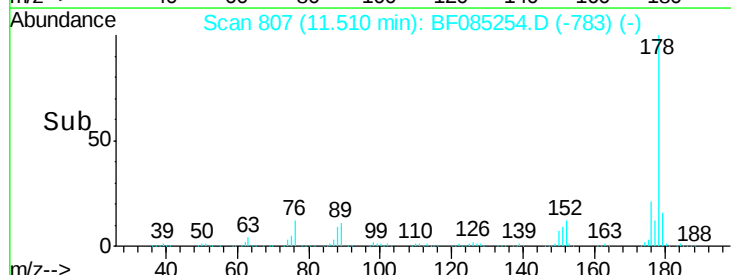
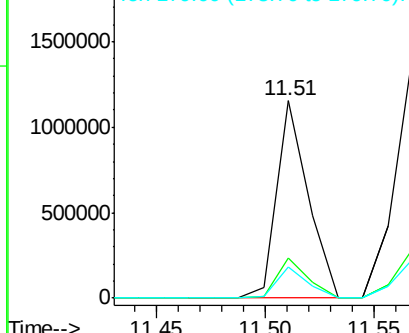


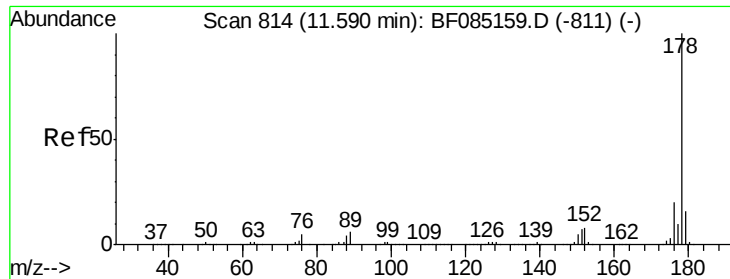
#70
 Phenanthrene
 Concen: 37.55 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:178 Resp: 1164499
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.8 25.2
 179 16.1 13.1 19.7



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

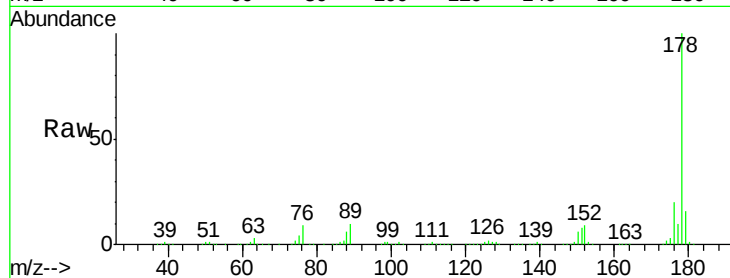




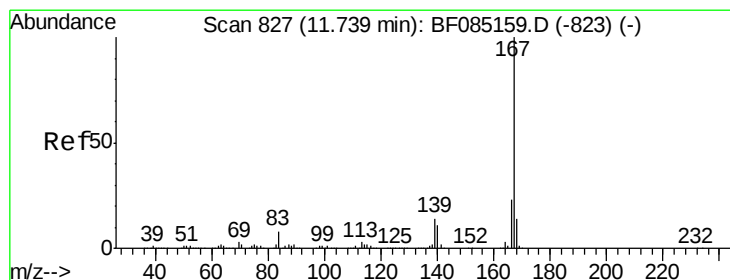
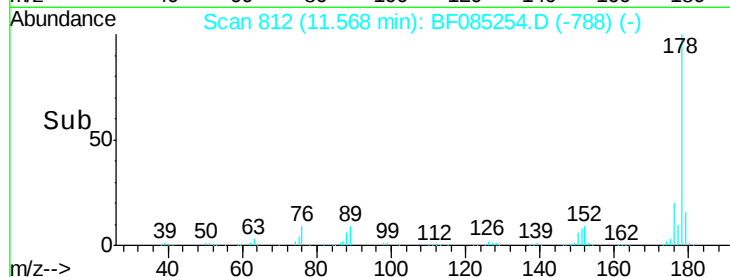
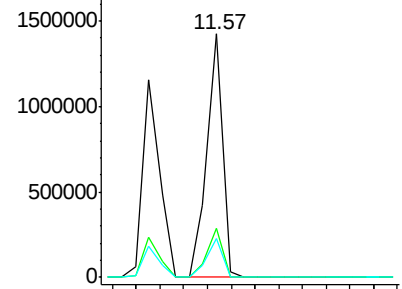
#71
 Anthracene
 Concen: 39.36 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1295787
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.8 12.5 18.7

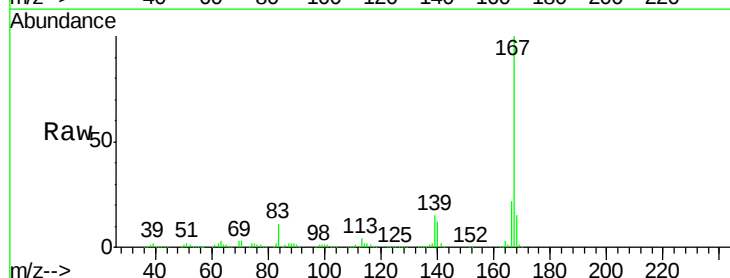


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

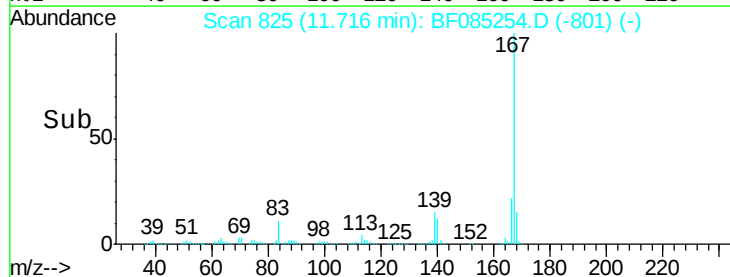
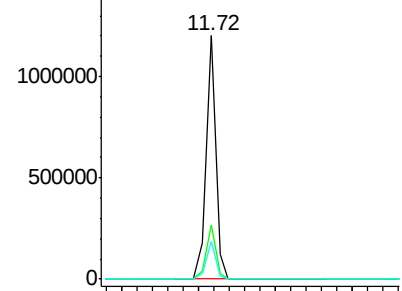


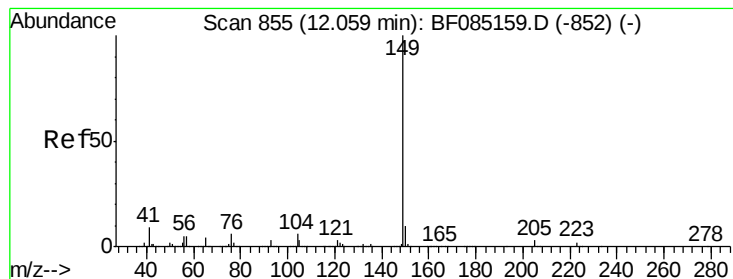
#72
 Carbazole
 Concen: 35.92 ng
 RT: 11.72 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:167 Resp: 1036825
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 15.2 11.4 17.0



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





#73

Di-n-butylphthalate

Concen: 39.50 ng

RT: 12.05 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

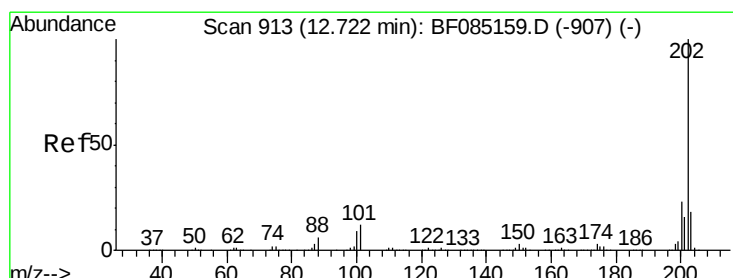
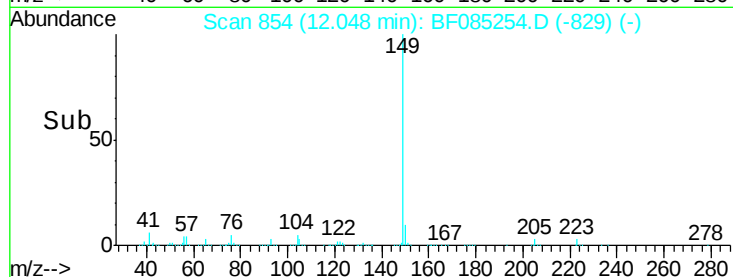
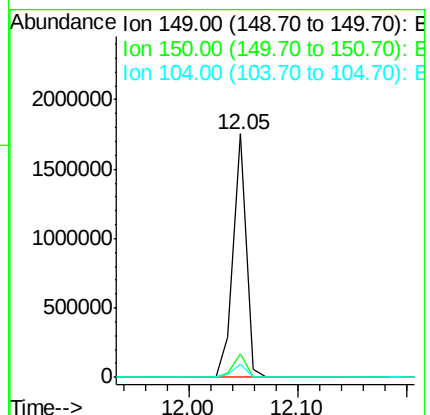
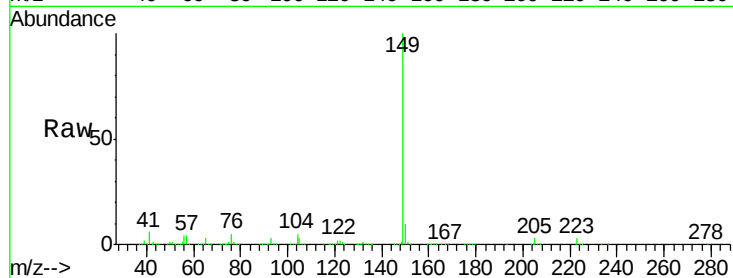
Tgt Ion:149 Resp: 1441270

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.2 4.7 7.1



#74

Fluoranthene

Concen: 37.36 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

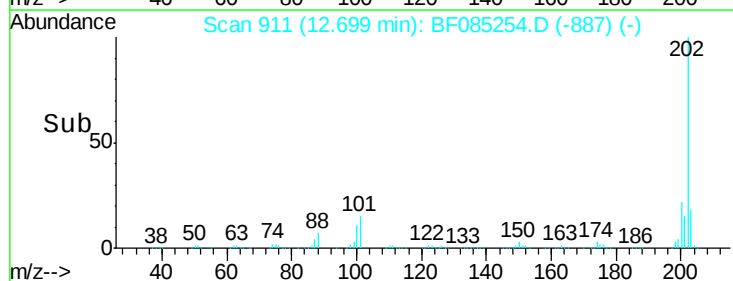
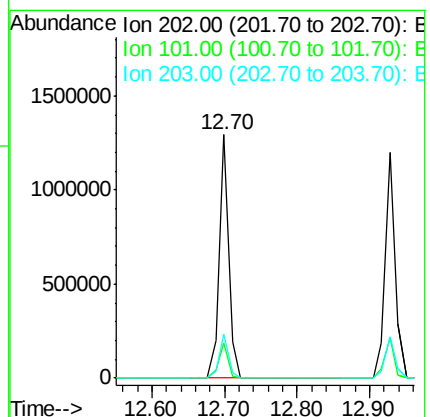
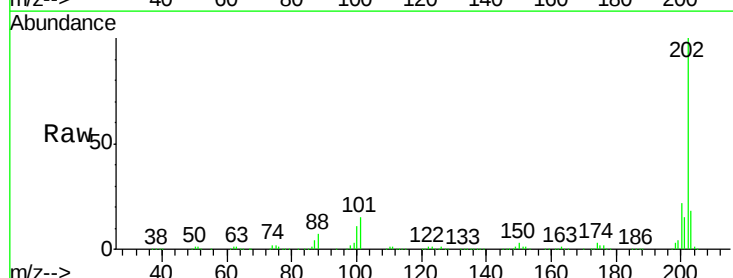
Tgt Ion:202 Resp: 1162690

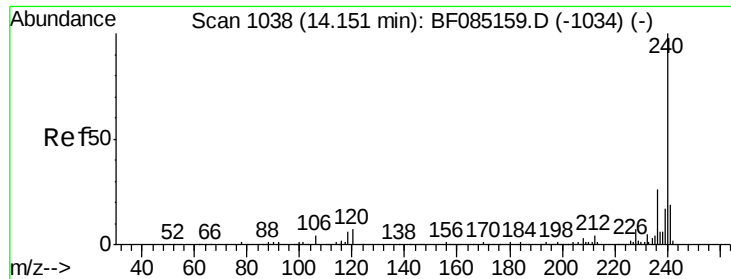
Ion Ratio Lower Upper

202 100

101 14.5 0.0 31.8

203 18.1 0.0 38.4

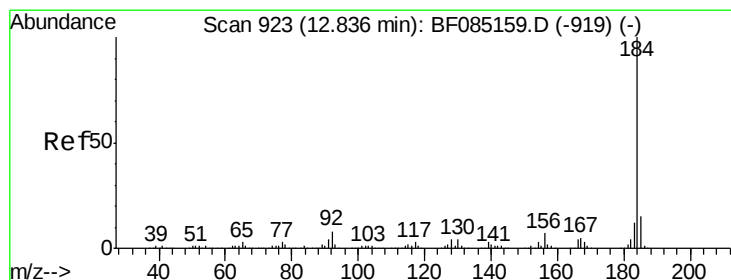
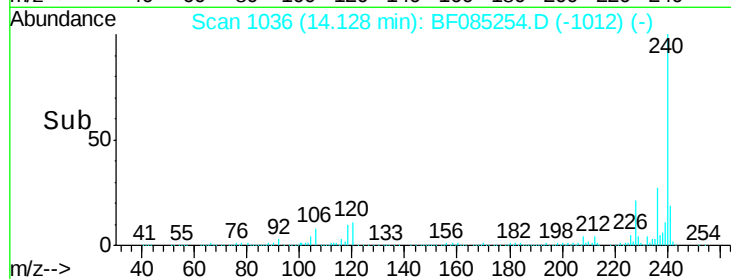
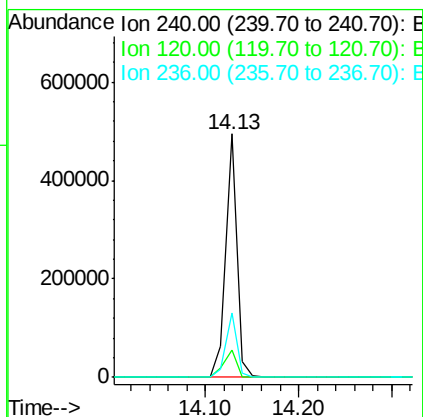
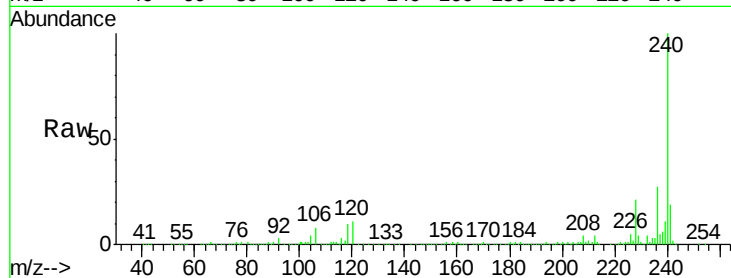




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

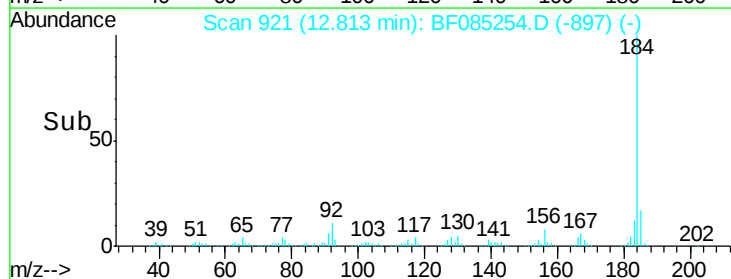
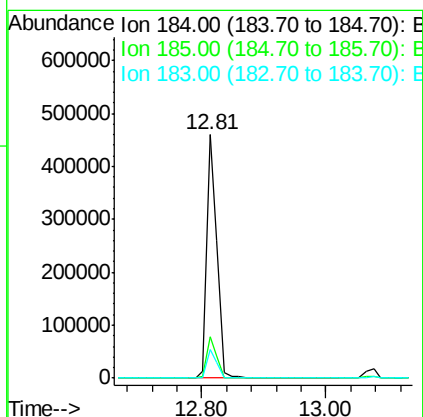
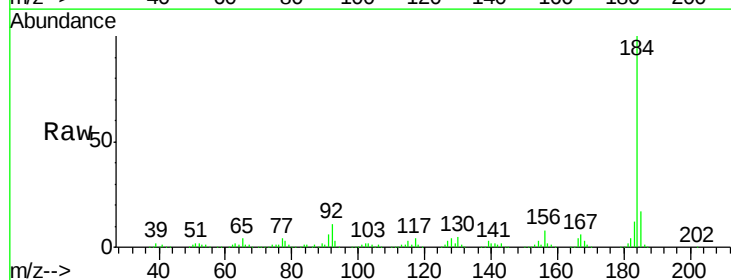
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

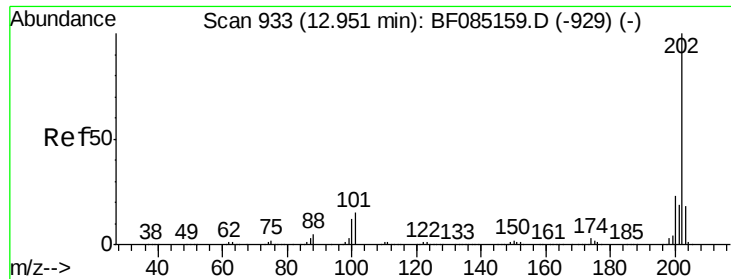
Tgt Ion:240 Resp: 410181
Ion Ratio Lower Upper
240 100
120 11.4 5.3 7.9#
236 26.6 20.7 31.1



#76
Benzidine
Concen: 42.60 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF085254.D
Acq: 8 Mar 2016 14:09

Tgt Ion:184 Resp: 520058
Ion Ratio Lower Upper
184 100
185 16.9 12.4 18.6
183 11.6 9.4 14.2

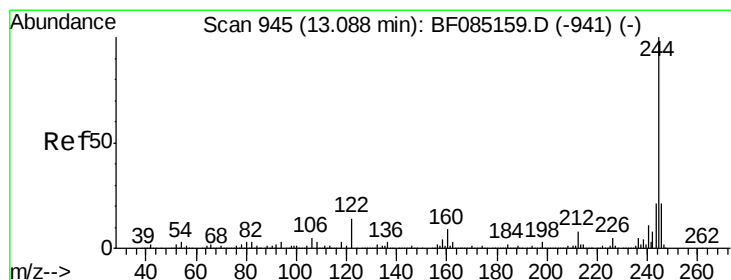
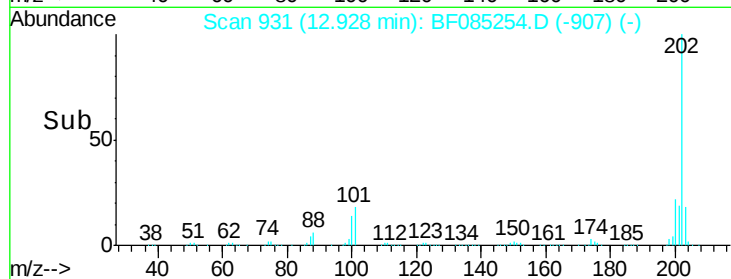
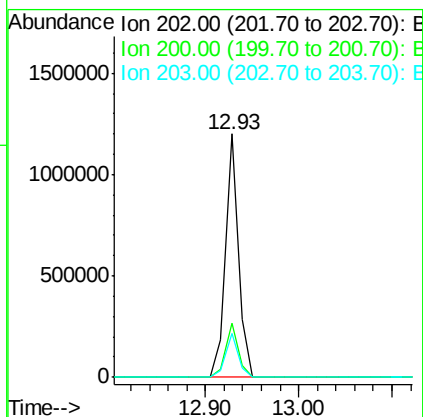
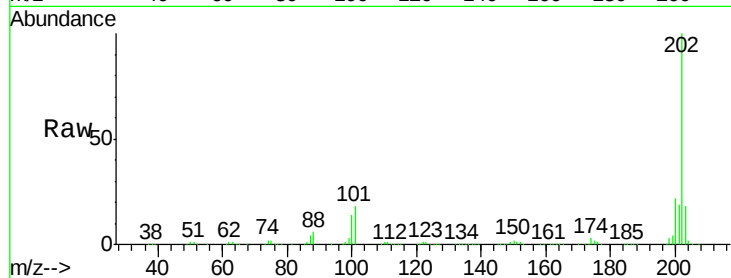




#77
 Pyrene
 Concen: 37.43 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

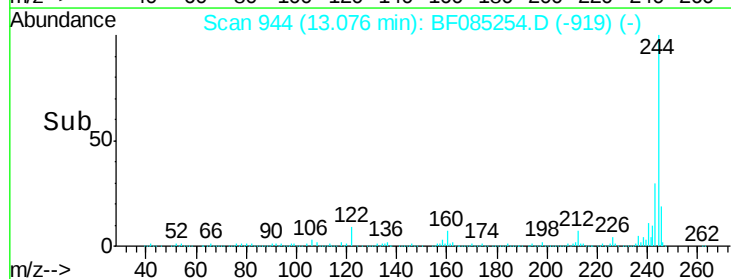
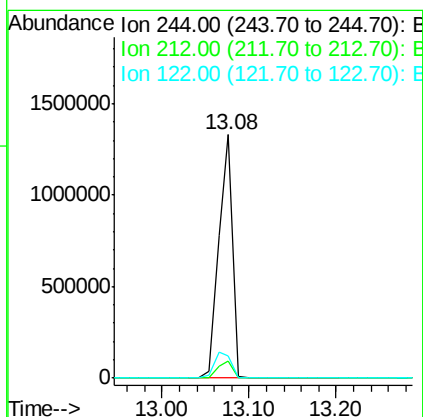
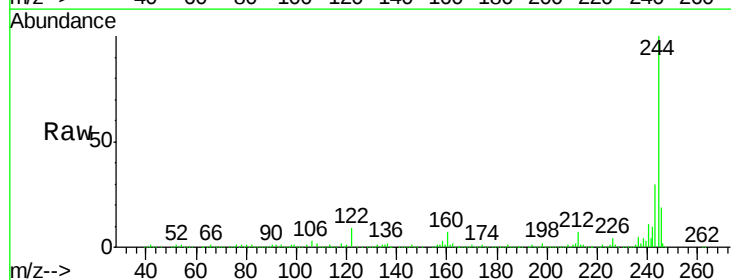
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

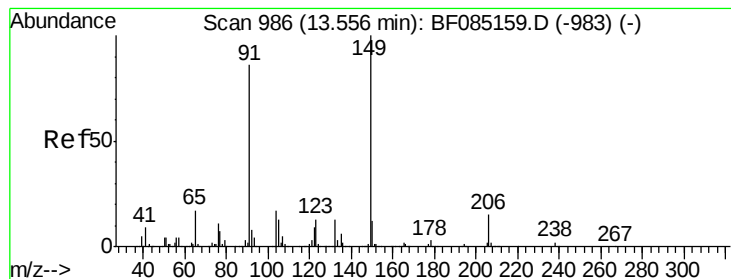
Tgt Ion:202 Resp: 1155497
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.2 27.4
 203 18.2 14.7 22.1



#78
 Terphenyl-d14
 Concen: 84.06 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:244 Resp: 1485236
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.0 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 42.41 ng

RT: 13.54 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

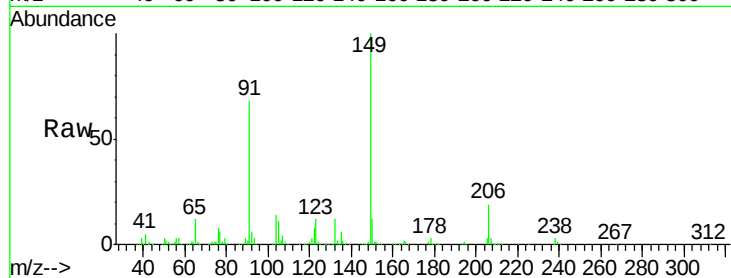
Tgt Ion:149 Resp: 594158

Ion Ratio Lower Upper

149 100

91 68.4 69.0 103.4#

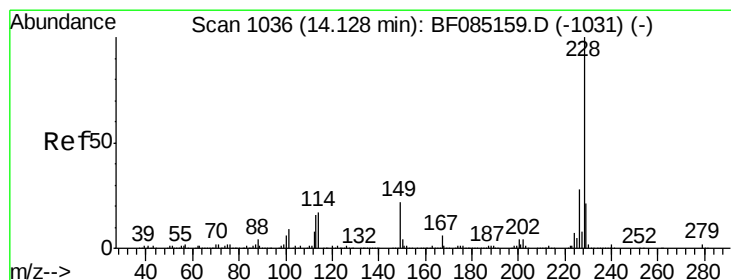
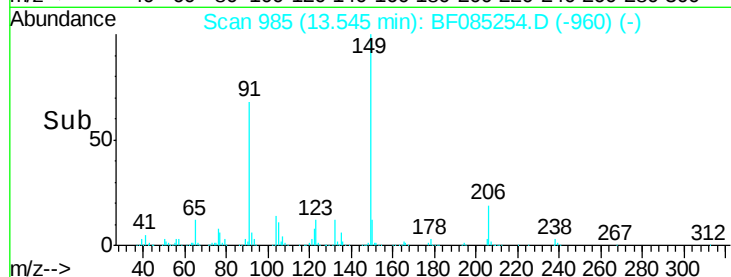
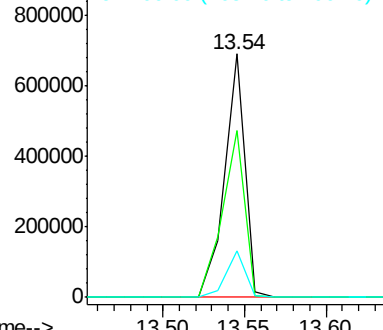
206 19.2 12.3 18.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.94 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

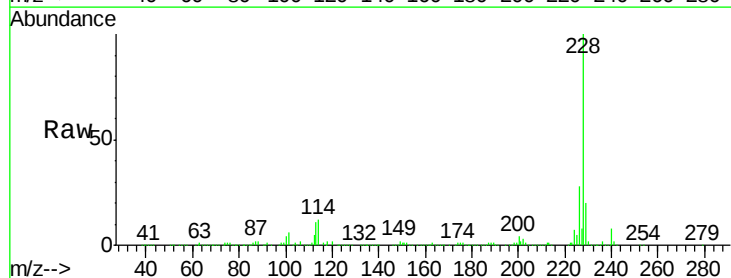
Tgt Ion:228 Resp: 907156

Ion Ratio Lower Upper

228 100

226 27.7 22.8 34.2

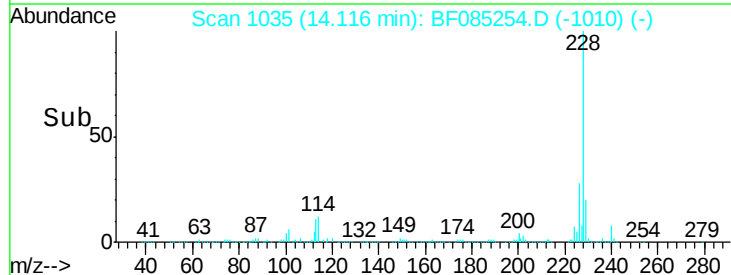
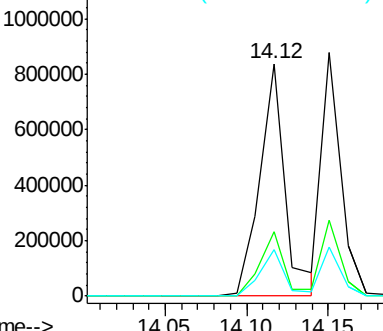
229 19.9 16.6 24.8

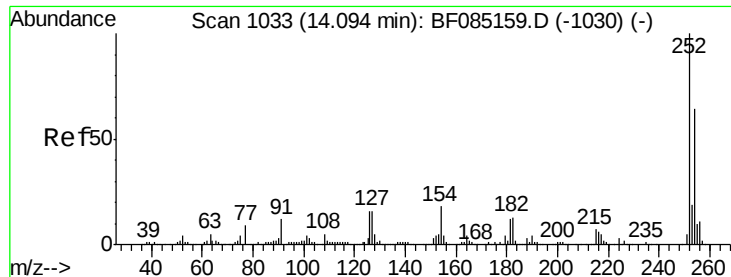


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

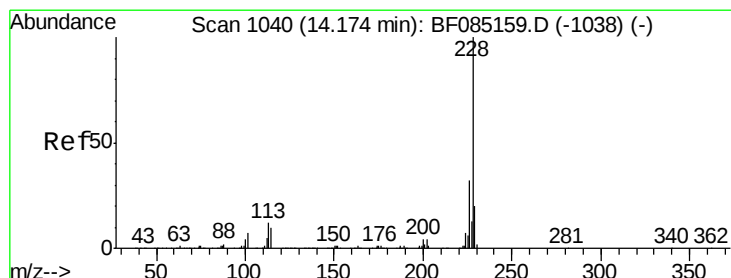
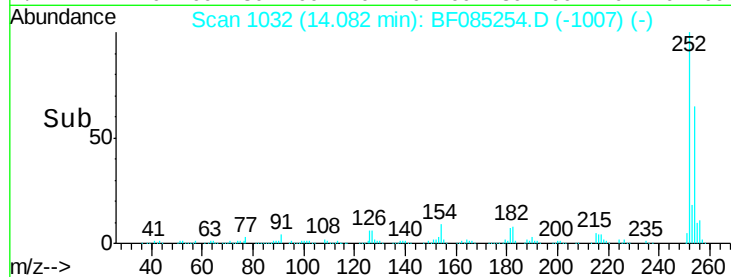
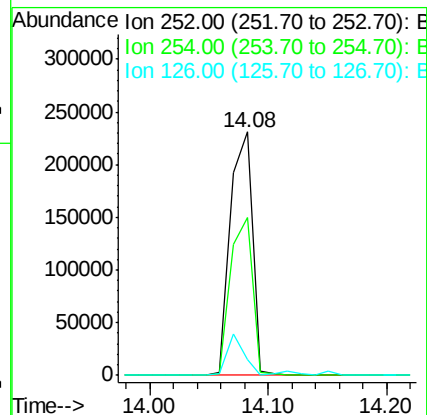
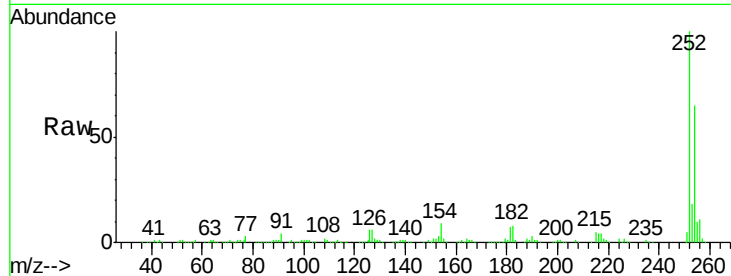




#81
 3,3'-Dichlorobenzidine
 Concen: 38.45 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

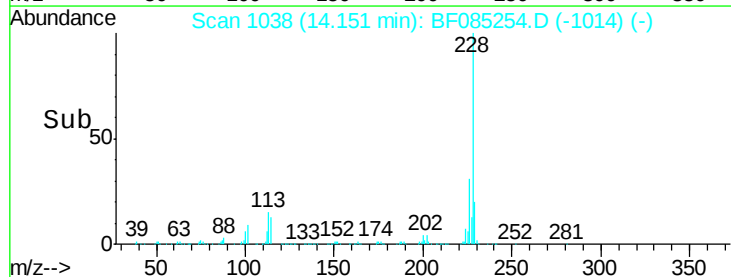
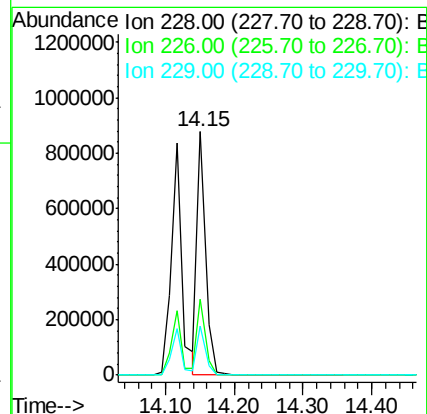
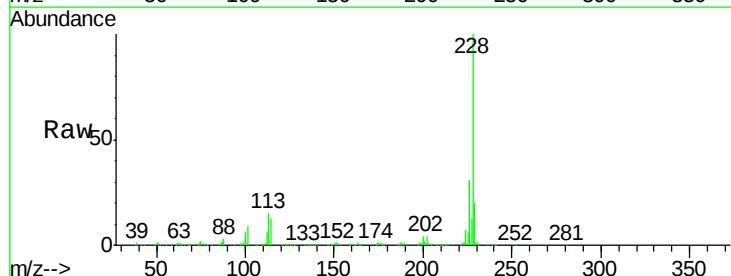
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 297872
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.0
 126 6.3 12.9 19.3#



#82
 Chrysene
 Concen: 32.83 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion:228 Resp: 744632
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.2 37.8
 229 20.0 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.25 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

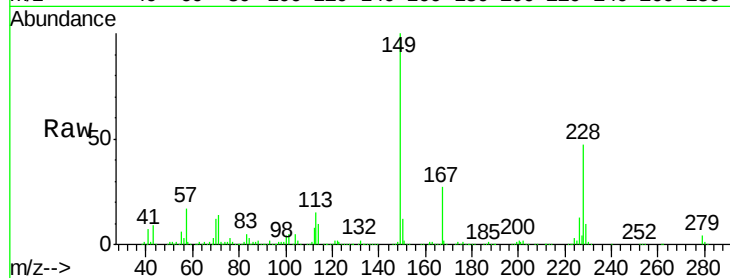
Tgt Ion:149 Resp: 668251

Ion Ratio Lower Upper

149 100

167 27.4 20.3 30.5

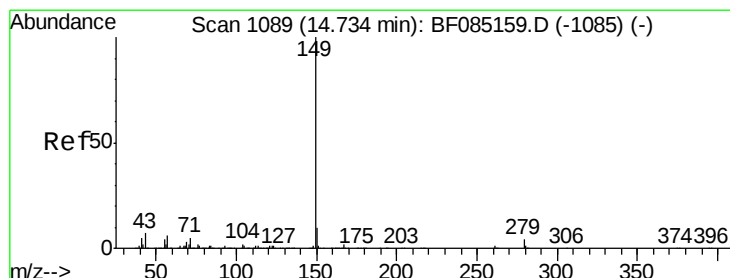
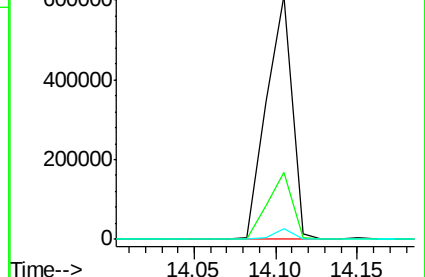
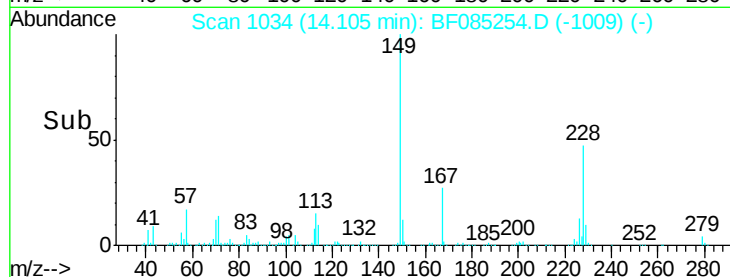
279 4.4 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.56 ng

RT: 14.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

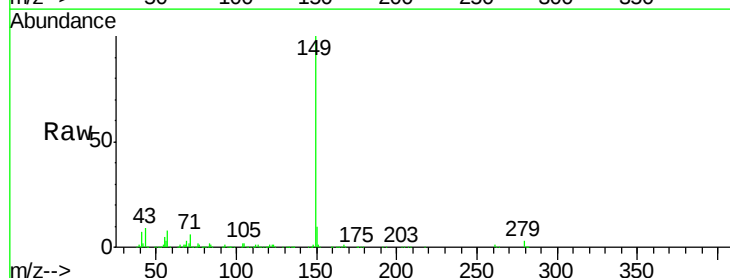
Tgt Ion:149 Resp: 1026311

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

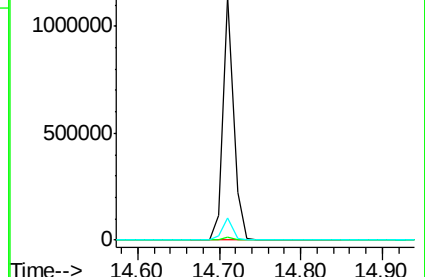
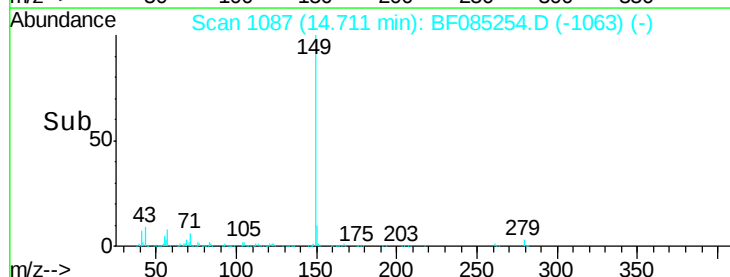
43 9.4 7.8 11.8

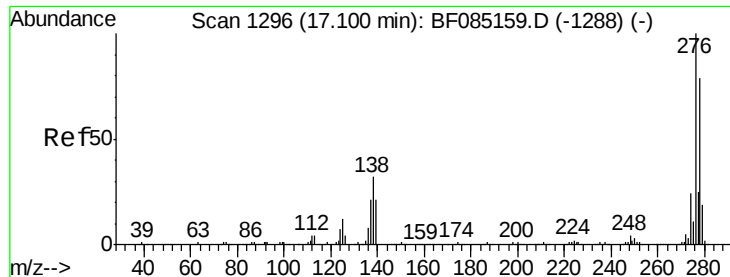


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

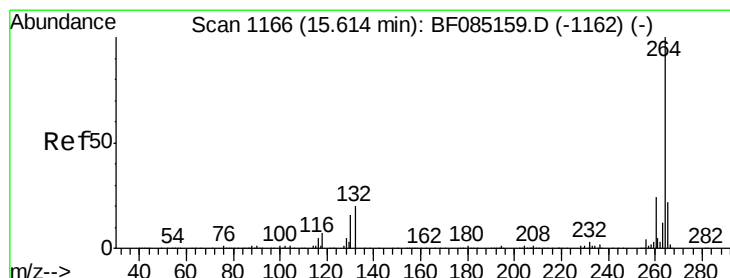
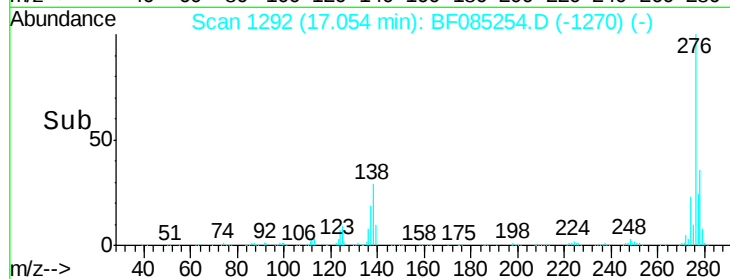
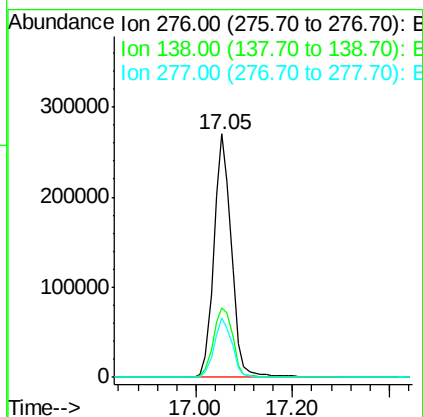
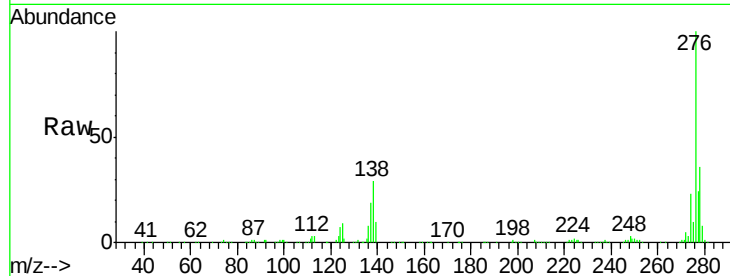




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.02 ng
 RT: 17.05 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

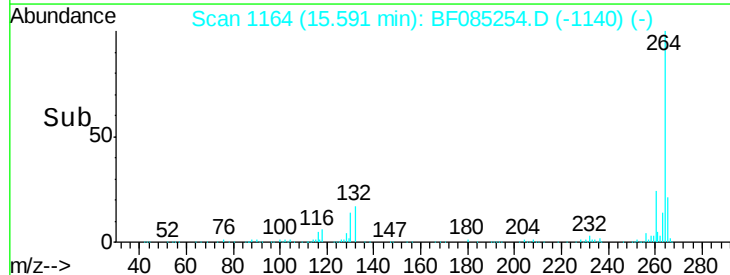
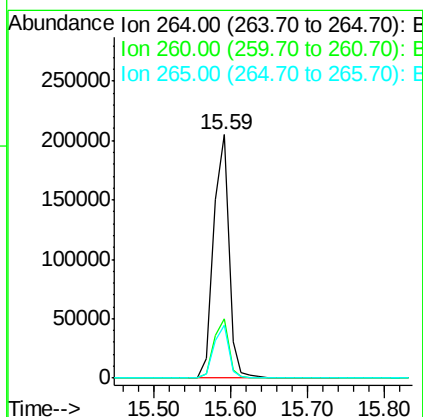
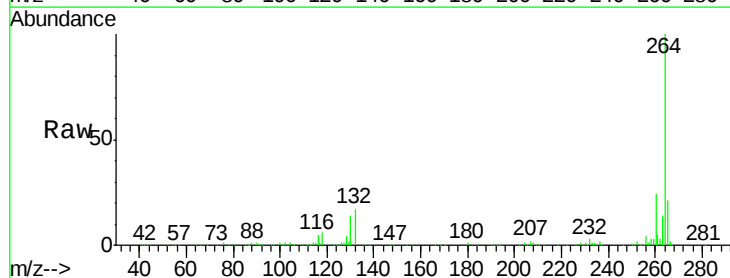
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

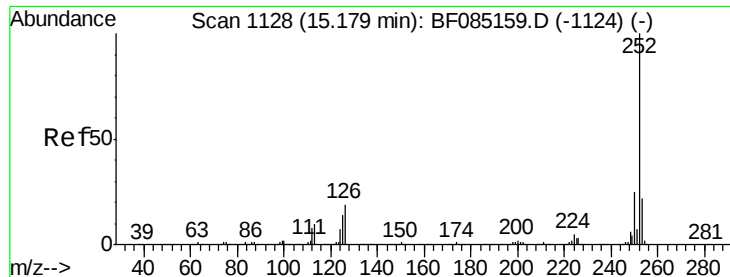
Tgt Ion: 276 Resp: 690755
 Ion Ratio Lower Upper
 276 100
 138 31.9 26.4 39.6
 277 24.9 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085254.D
 Acq: 8 Mar 2016 14:09

Tgt Ion: 264 Resp: 283979
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 42.15 ng

RT: 15.16 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

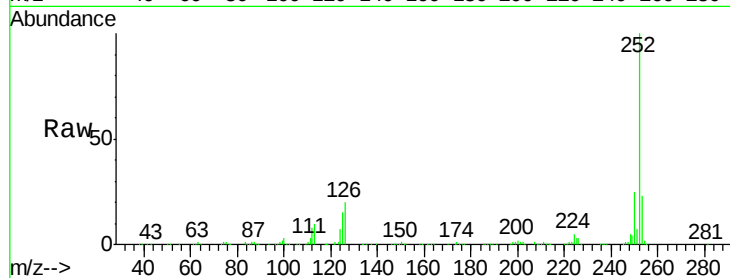
Tgt Ion:252 Resp: 797760

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

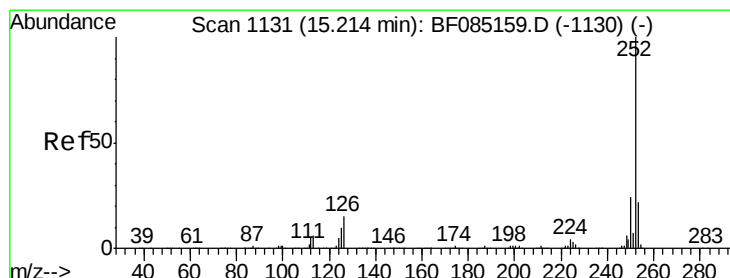
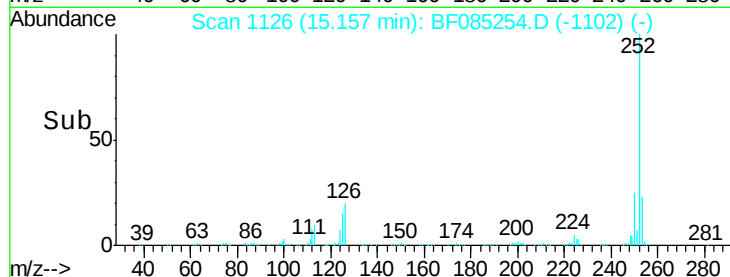
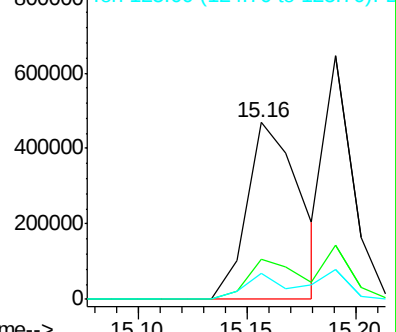
125 14.5 11.3 16.9



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



#88

Benzo(k)fluoranthene

Concen: 52.25 ng

RT: 15.16 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

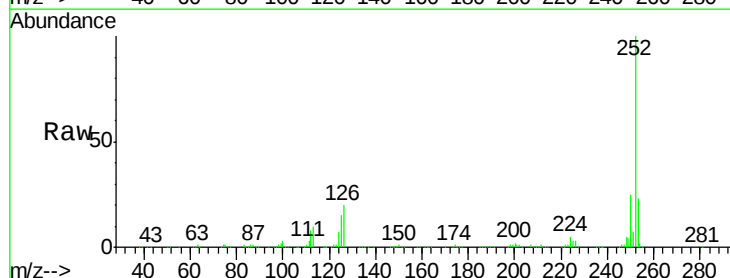
Tgt Ion:252 Resp: 797760

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

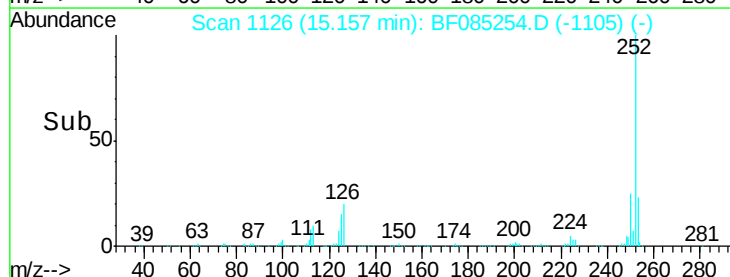
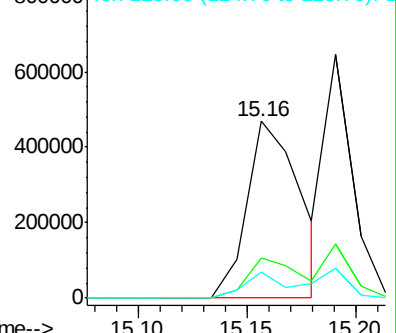
125 14.5 10.4 15.6

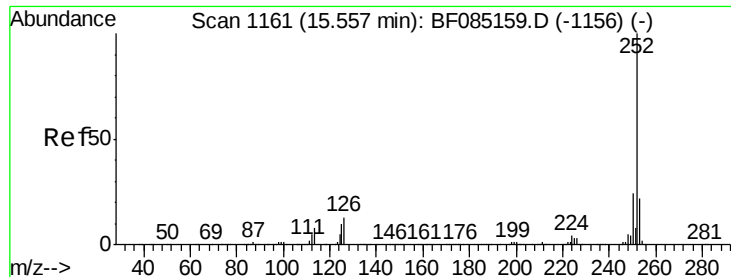


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.38 ng

RT: 15.52 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

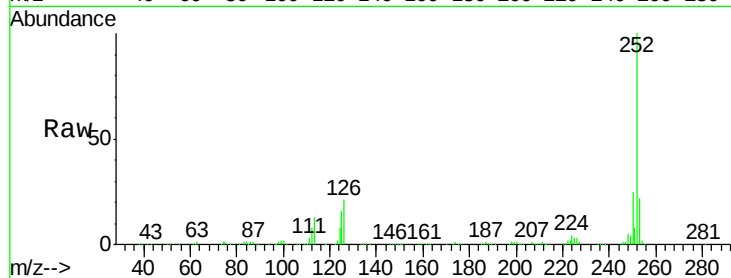
Tgt Ion:252 Resp: 649124

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

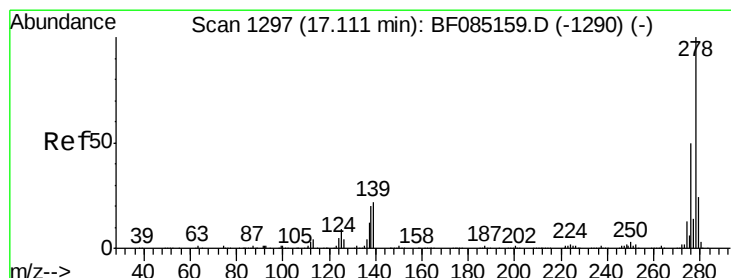
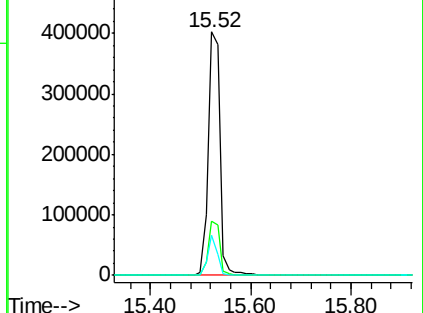
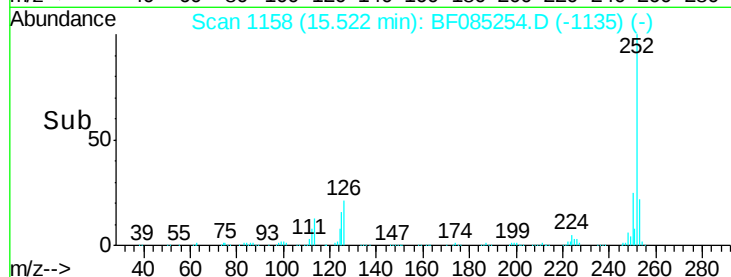
125 16.4 8.2 12.4#



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: 43.33 ng

RT: 17.08 min Scan# 1294

Delta R.T. -0.03 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

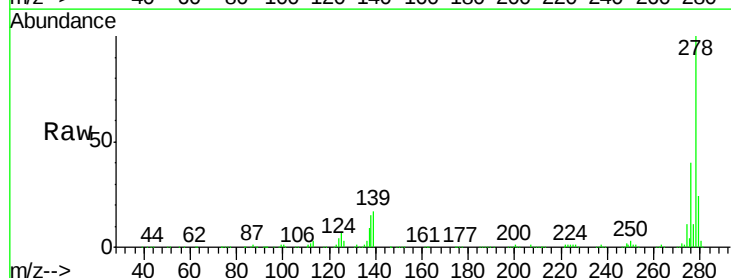
Tgt Ion:278 Resp: 580137

Ion Ratio Lower Upper

278 100

139 17.3 17.3 25.9

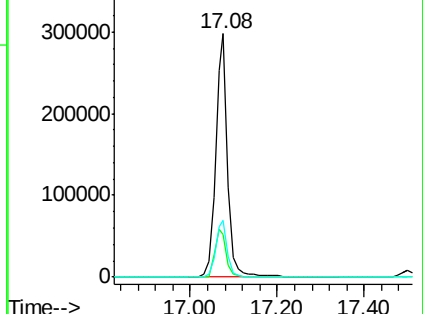
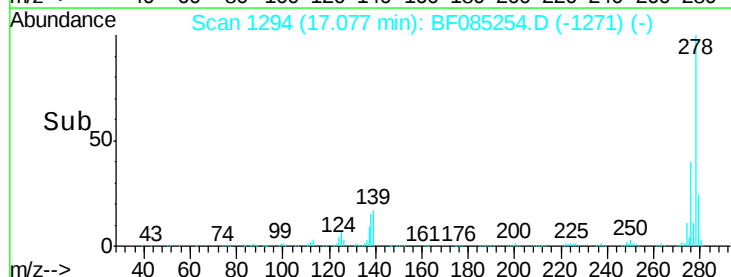
279 23.5 19.2 28.8

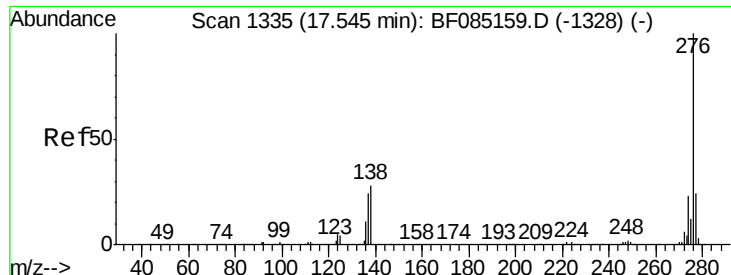


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.07 ng

RT: 17.50 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF085254.D

Acq: 8 Mar 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

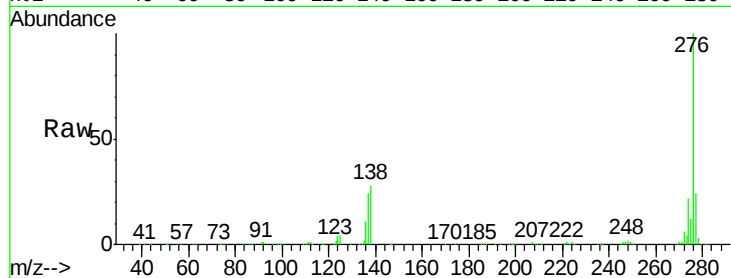
Tgt Ion:276 Resp: 579896

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 27.9 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

