

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085617.D
 Acq On : 21 Mar 2016 12:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 21 23:59:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	170826	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	671085	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	323141	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	606008	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	387991	20.00	ng	-0.01
86) Perylene-d12	15.42	264	299083	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	852089	83.78	ng	-0.01
7) Phenol-d6	6.48	99	975659	74.80	ng	-0.01
23) Nitrobenzene-d5	7.42	82	939227	81.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	240778	76.07	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1593004	83.79	ng	-0.01
78) Terphenyl-d14	12.95	244	1338612	83.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	198228	40.10	ng	99
3) Pyridine	3.16	79	465231	38.32	ng	99
4) n-Nitrosodimethylamine	3.11	42	200816	39.62	ng	99
6) Aniline	6.50	93	724746	41.37	ng	# 89
8) 2-Chlorophenol	6.63	128	457338	38.87	ng	97
9) Benzaldehyde	6.39	77	248962	40.83	ng	99
10) Phenol	6.49	94	521277	35.09	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	434718	38.81	ng	98
12) 1,3-Dichlorobenzene	6.79	146	516347	40.27	ng	99
13) 1,4-Dichlorobenzene	6.86	146	493150	37.71	ng	99
14) 1,2-Dichlorobenzene	7.02	146	481593	41.48	ng	99
15) Benzyl Alcohol	7.00	79	361414	40.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	611540	41.52	ng	98
17) 2-Methylphenol	7.11	107	413504	42.40	ng	99
18) Hexachloroethane	7.36	117	197488	41.82	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	289686	37.18	ng	# 94
20) 3+4-Methylphenols	7.26	107	412007	36.47	ng	95
22) Acetophenone	7.26	105	591929	37.17	ng	99
24) Nitrobenzene	7.43	77	476332	37.64	ng	98
25) Isophorone	7.68	82	949700	41.03	ng	# 93
26) 2-Nitrophenol	7.75	139	277276	44.33	ng	98
27) 2,4-Dimethylphenol	7.80	122	448231	40.53	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	561690	42.66	ng	99
29) 2,4-Dichlorophenol	7.99	162	350803	38.41	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	398911	38.99	ng	99
31) Naphthalene	8.15	128	1254184	37.03	ng	100
32) Benzoic acid	7.93	122	275652	29.81	ng	89
33) 4-Chloroaniline	8.21	127	575391	41.44	ng	98
34) Hexachlorobutadiene	8.28	225	228527	41.91	ng	100
35) Caprolactam	8.60	113	132058	42.02	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	391858	36.74	ng	96
37) 2-Methylnaphthalene	8.85	142	857688	41.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	363315	37.07	ng	99
40) Hexachlorocyclopentadiene	9.00	237	172166	38.97	ng	100

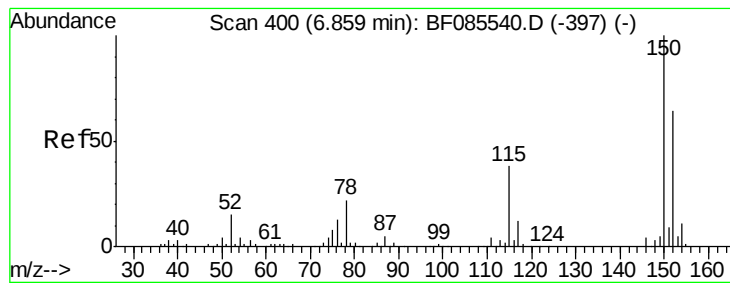
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	256087	38.17	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	278994	40.86	ng	# 95
45) 1,1'-Biphenyl	9.32	154	1084105	38.89	ng	94
46) 2-Chloronaphthalene	9.34	162	837096	41.11	ng	99
47) 2-Nitroaniline	9.43	65	236799	38.44	ng	98
48) Acenaphthylene	9.75	152	1280895	38.87	ng	100
49) Dimethylphthalate	9.61	163	909543	37.30	ng	99
50) 2,6-Dinitrotoluene	9.68	165	228870	44.46	ng	# 58
51) Acenaphthene	9.92	154	777565	37.60	ng	99
52) 3-Nitroaniline	9.84	138	231017	35.83	ng	98
53) 2,4-Dinitrophenol	9.96	184	103284	32.75	ng	# 59
54) Dibenzofuran	10.09	168	1025148	40.71	ng	99
55) 4-Nitrophenol	10.00	139	172112	34.54	ng	87
56) 2,4-Dinitrotoluene	10.08	165	286470	42.50	ng	# 77
57) Fluorene	10.44	166	838872	39.97	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	185700	37.77	ng	97
59) Diethylphthalate	10.31	149	881125	36.34	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	364282	35.54	ng	98
61) 4-Nitroaniline	10.46	138	230115	36.21	ng	93
62) Azobenzene	10.58	77	878965	37.78	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	161636	41.68	ng	# 59
65) n-Nitrosodiphenylamine	10.55	169	780629	41.35	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	257067	42.46	ng	98
67) Hexachlorobenzene	10.98	284	277435	43.14	ng	98
68) Atrazine	11.08	200	228435	39.75	ng	98
69) Pentachlorophenol	11.18	266	147505	37.77	ng	100
70) Phenanthrene	11.40	178	1252771	39.21	ng	99
71) Anthracene	11.44	178	1192821	35.60	ng	99
72) Carbazole	11.60	167	1124718	38.91	ng	100
73) Di-n-butylphthalate	11.93	149	1461976	40.39	ng	100
74) Fluoranthene	12.58	202	1259052	37.63	ng	89
76) Benzidine	12.70	184	457503	35.06	ng	99
77) Pyrene	12.81	202	1274293	45.74	ng	100
79) Butylbenzylphthalate	13.43	149	571950	43.07	ng	97
80) Benzo(a)anthracene	13.99	228	895579	39.76	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	316802	38.38	ng	100
82) Chrysene	14.04	228	946124	43.66	ng	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	626205	37.96	ng	99
84) Di-n-octyl phthalate	14.60	149	1019452	37.92	ng	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	761023	42.03	ng	99
87) Benzo(b)fluoranthene	15.02	252	728375	37.32	ng	98
88) Benzo(k)fluoranthene	15.02	252	728375	45.30	ng	98
89) Benzo(a)pyrene	15.37	252	671233	40.57	ng	# 96
90) Dibenzo(a,h)anthracene	16.84	278	627583	45.48	ng	98
91) Benzo(g,h,i)perylene	17.25	276	646130	48.38	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

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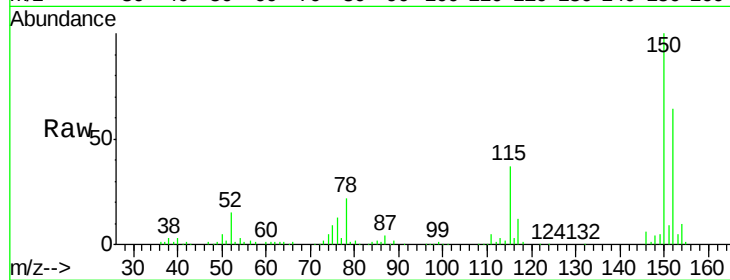
Tgt Ion:152 Resp: 170826

Ion Ratio Lower Upper

152 100

150 156.7 124.2 186.2

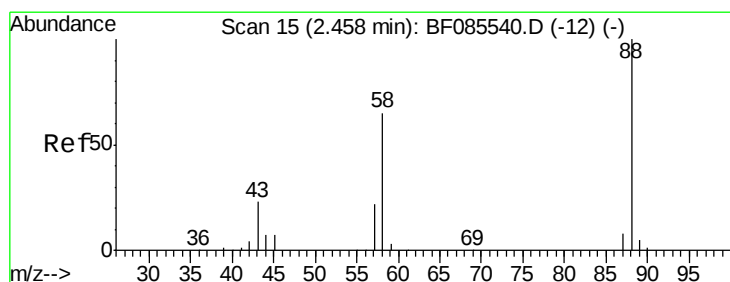
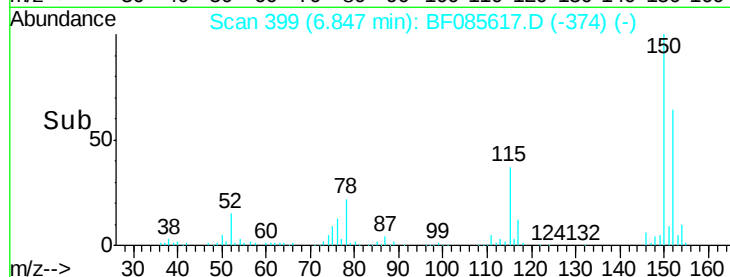
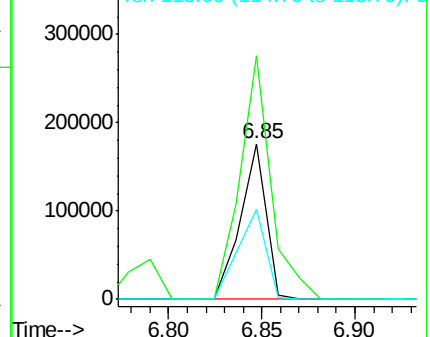
115 57.9 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.10 ng

RT: 2.42 min Scan# 12

Delta R.T. -0.03 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

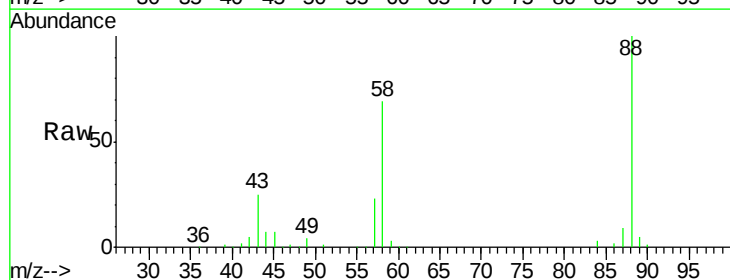
Tgt Ion: 88 Resp: 198228

Ion Ratio Lower Upper

88 100

58 67.4 54.2 81.2

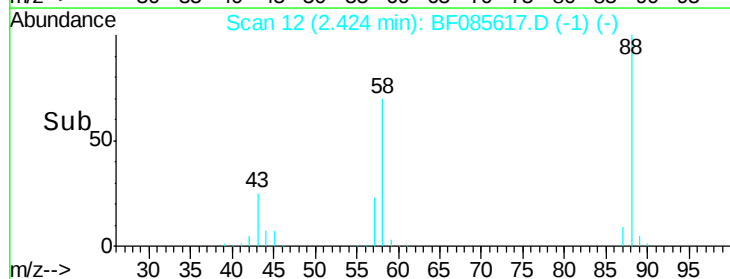
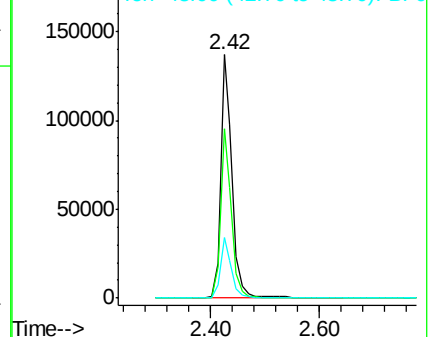
43 25.1 19.3 28.9

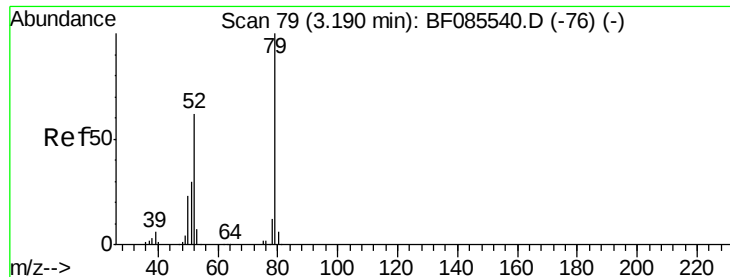


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.32 ng

RT: 3.16 min Scan# 76

Delta R.T. -0.03 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

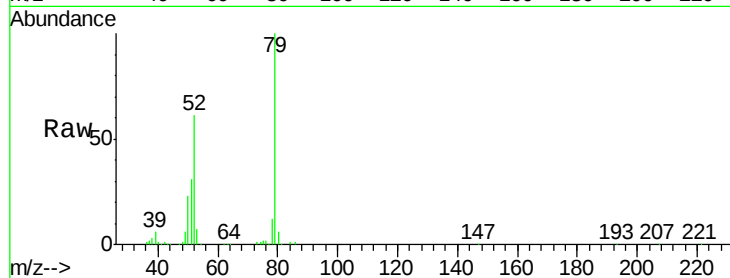
Tgt Ion: 79 Resp: 465231

Ion Ratio Lower Upper

79 100

52 60.6 49.8 74.6

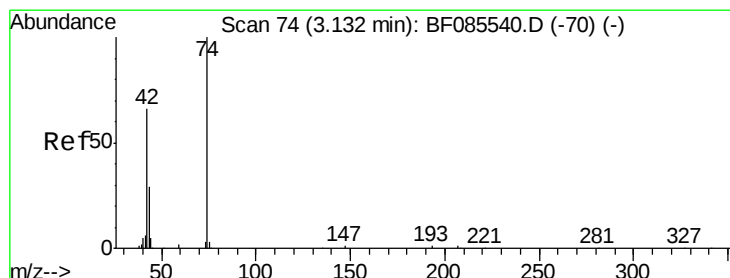
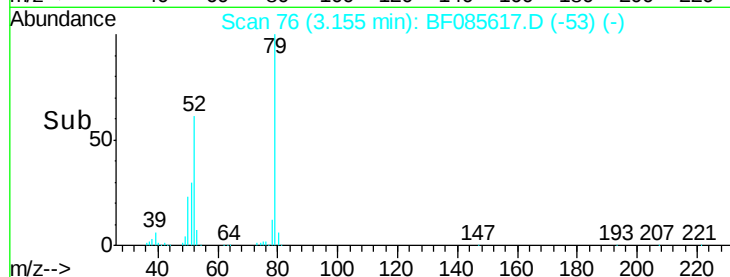
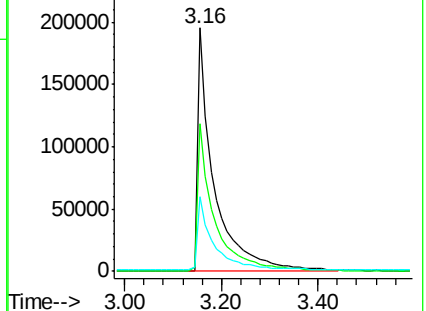
51 30.7 24.7 37.1



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: 39.62 ng

RT: 3.11 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

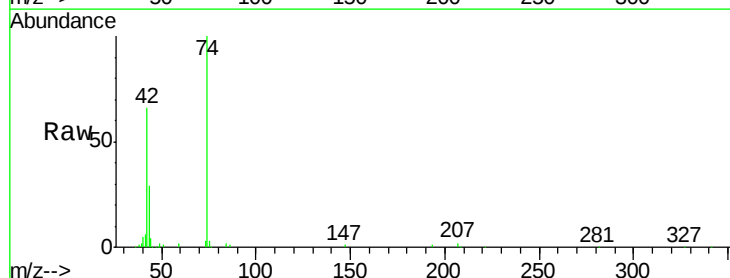
Tgt Ion: 42 Resp: 200816

Ion Ratio Lower Upper

42 100

74 152.4 121.4 182.2

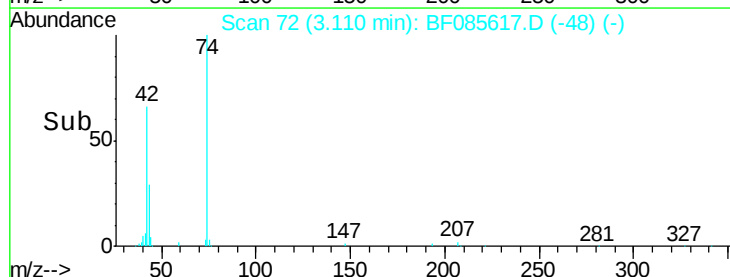
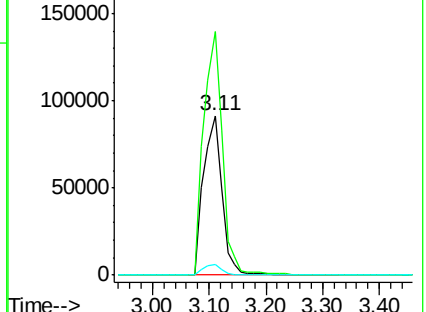
44 6.5 5.6 8.4

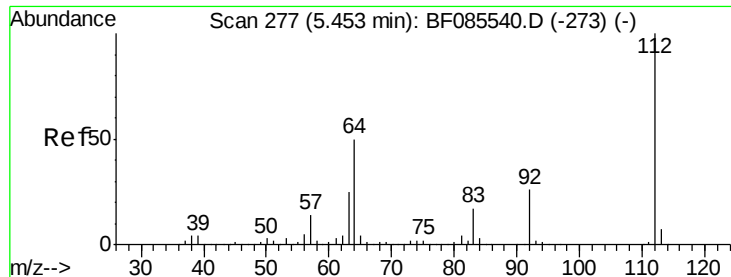


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.78 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

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SSTDCCC040

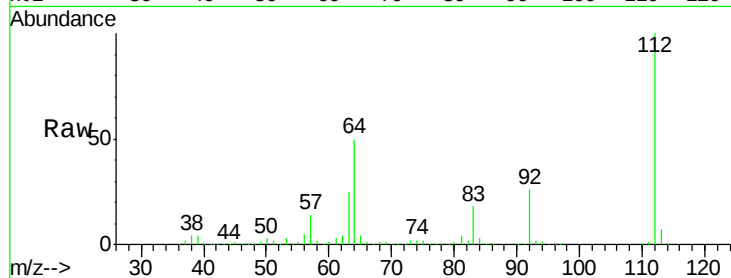
Tgt Ion: 112 Resp: 852089

Ion Ratio Lower Upper

112 100

64 50.1 39.9 59.9

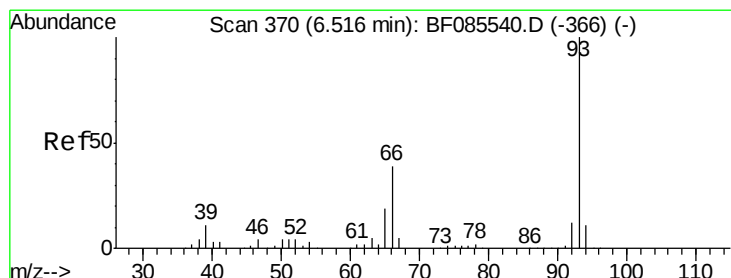
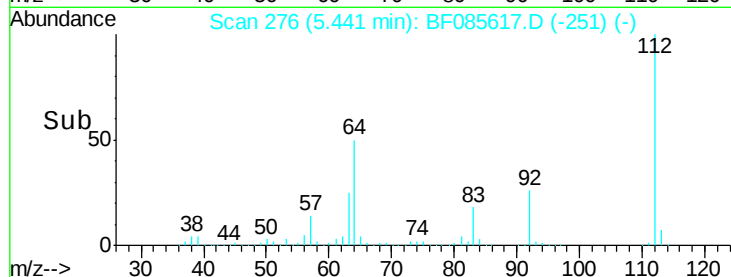
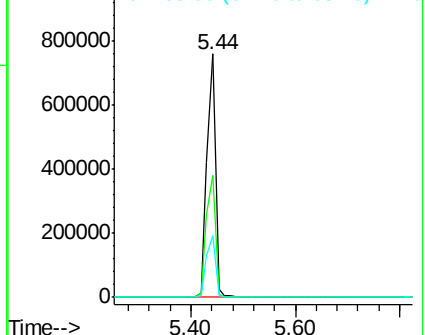
63 25.2 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.37 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

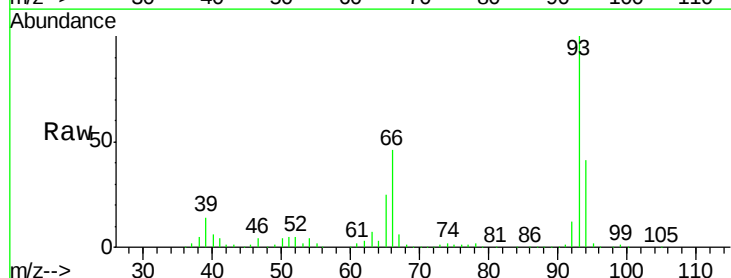
Tgt Ion: 93 Resp: 724746

Ion Ratio Lower Upper

93 100

66 46.1 31.4 47.2

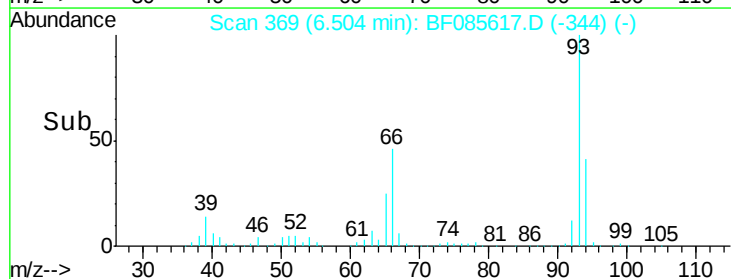
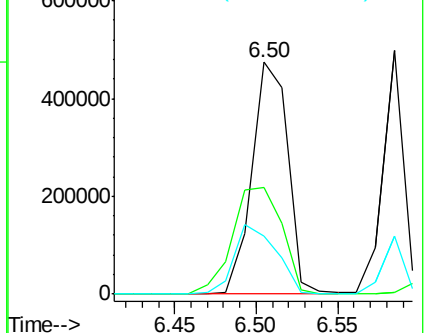
65 25.1 15.7 23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.80 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

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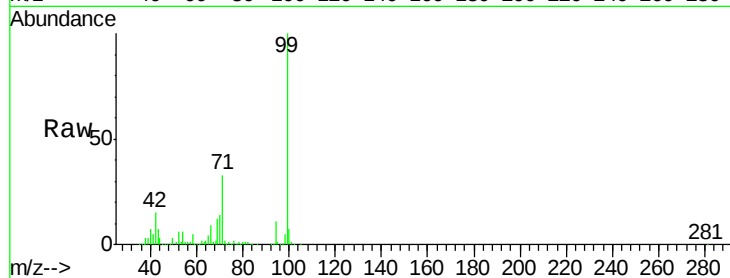
Tgt Ion: 99 Resp: 975659

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

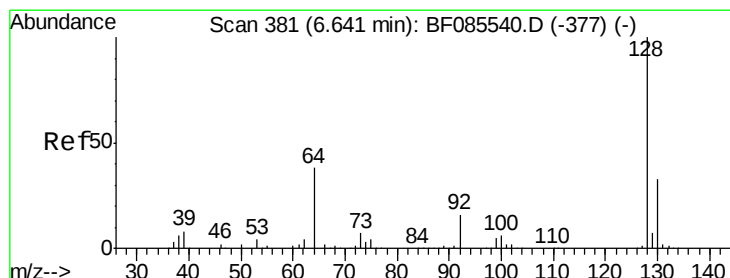
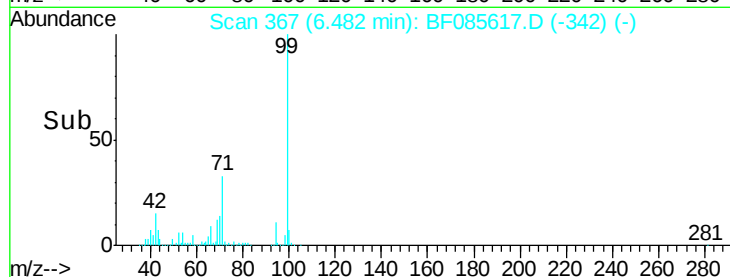
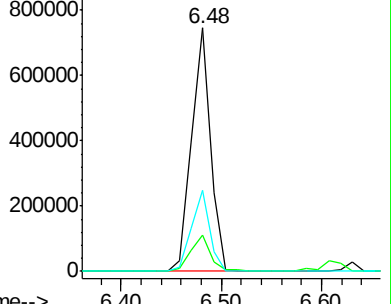
71 33.0 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.87 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

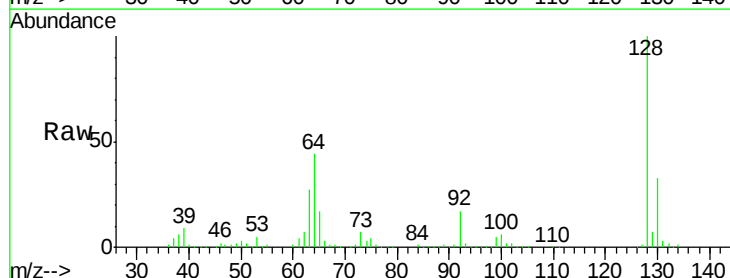
Tgt Ion: 128 Resp: 457338

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

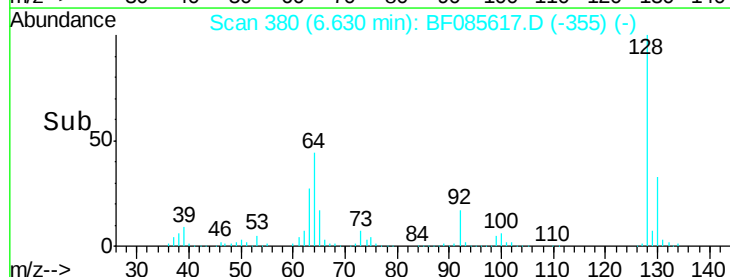
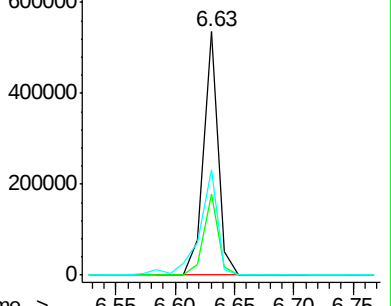
64 43.5 20.2 60.2

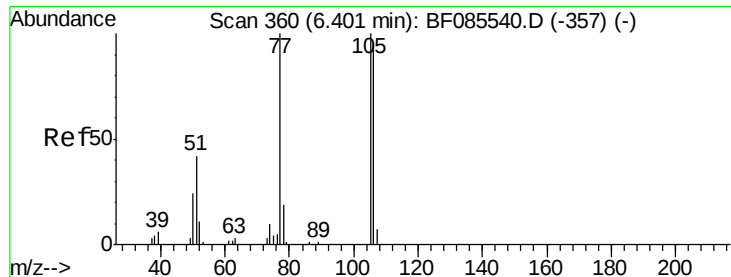


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.83 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

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SSTDCCC040

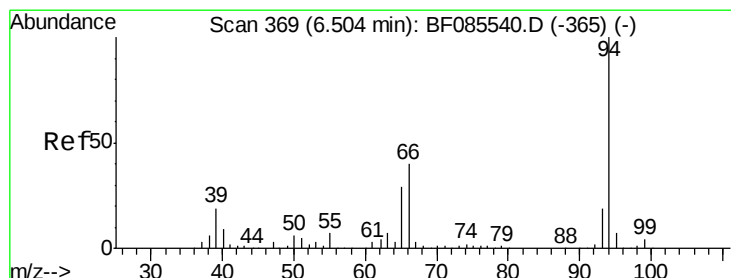
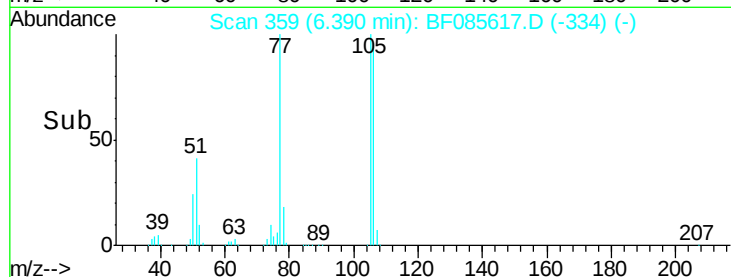
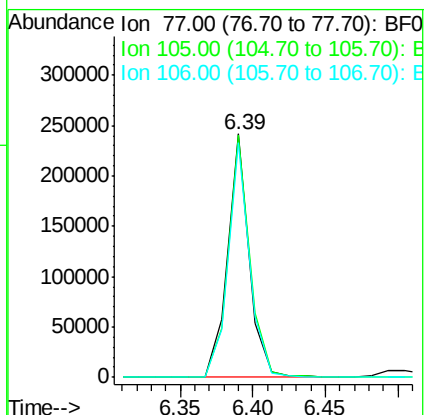
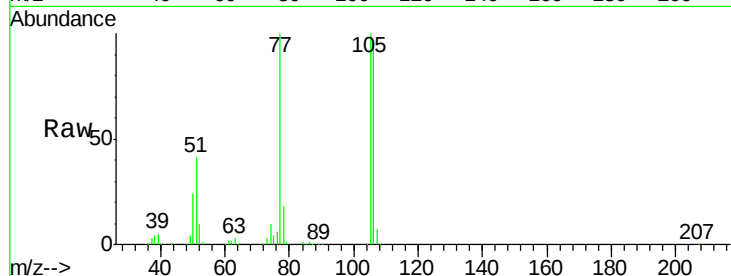
Tgt Ion: 77 Resp: 248962

Ion Ratio Lower Upper

77 100

105 99.7 80.1 120.1

106 96.3 75.0 115.0



#10

Phenol

Concen: 35.09 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

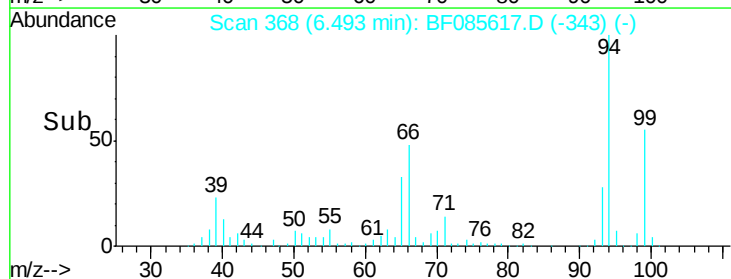
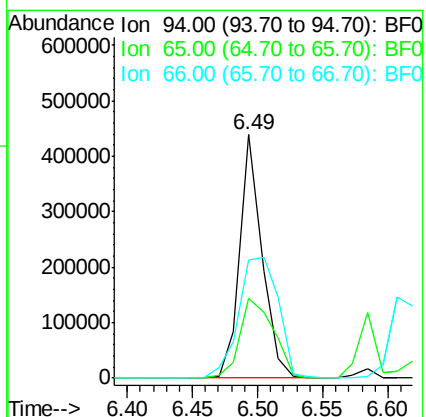
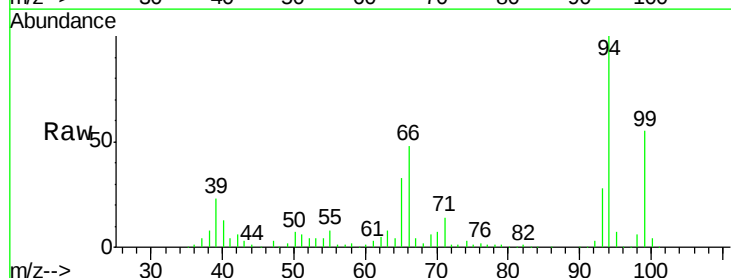
Tgt Ion: 94 Resp: 521277

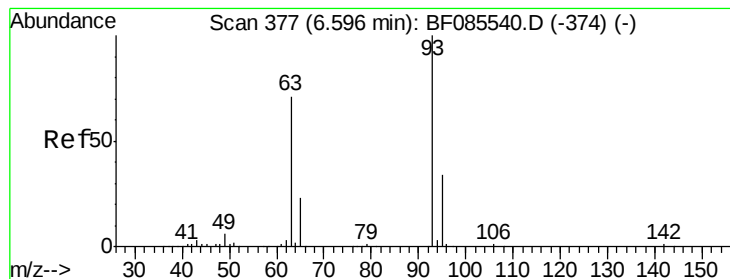
Ion Ratio Lower Upper

94 100

65 32.5 8.6 48.6

66 48.5 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 38.81 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

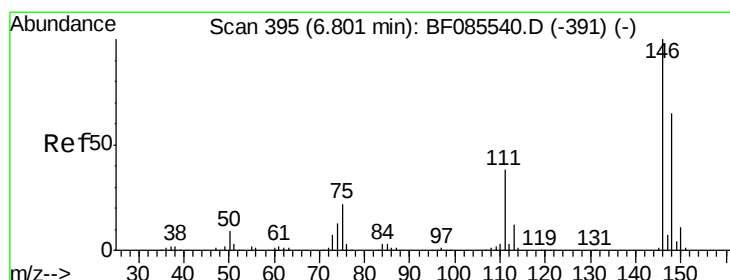
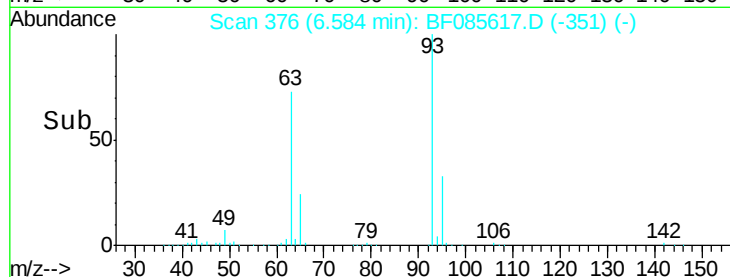
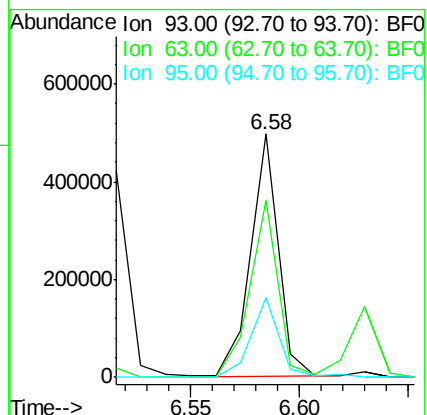
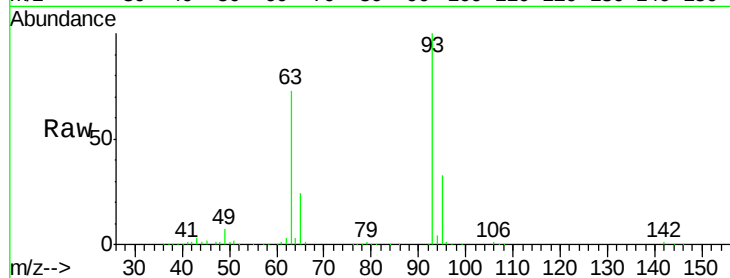
Tgt Ion: 93 Resp: 434718

Ion Ratio Lower Upper

93 100

63 72.8 50.9 90.9

95 32.8 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 40.27 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

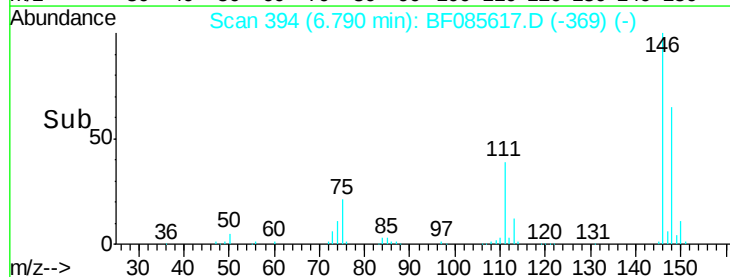
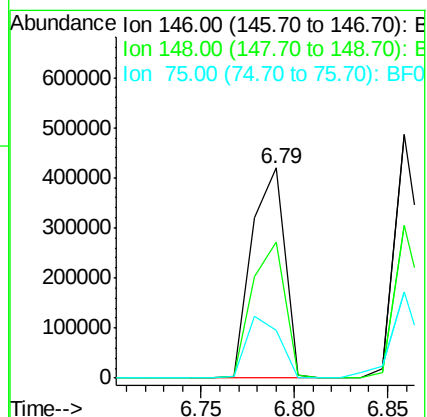
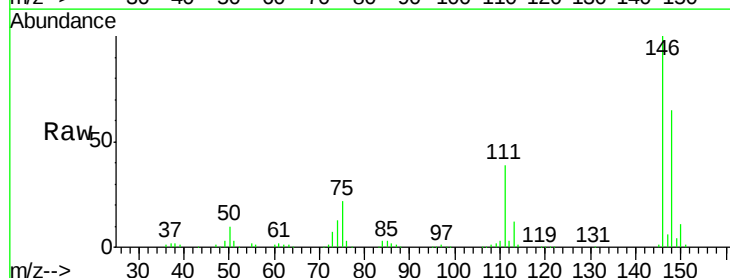
Tgt Ion: 146 Resp: 516347

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

75 22.5 17.4 26.2

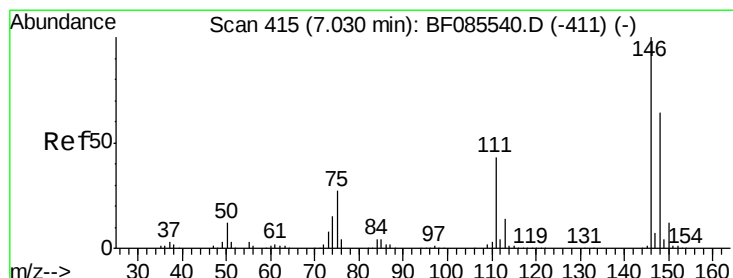
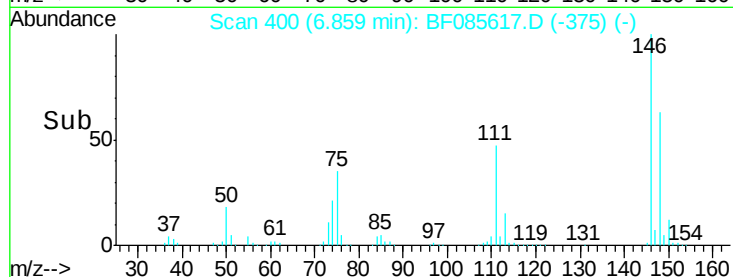
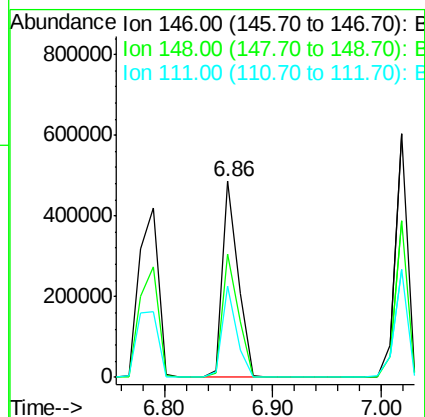
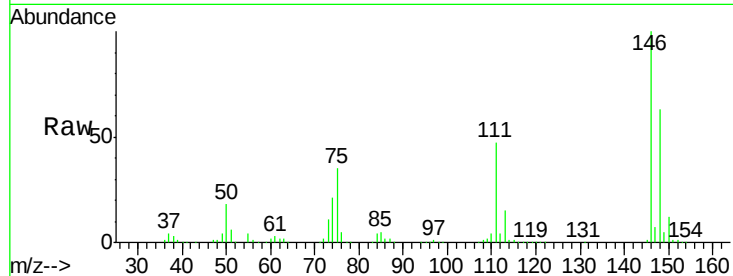




#13
 1,4-Dichlorobenzene
 Concen: 37.71 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

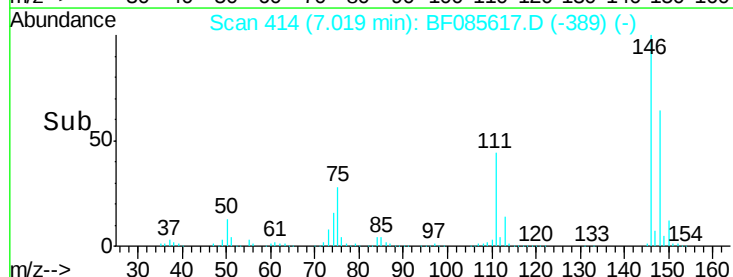
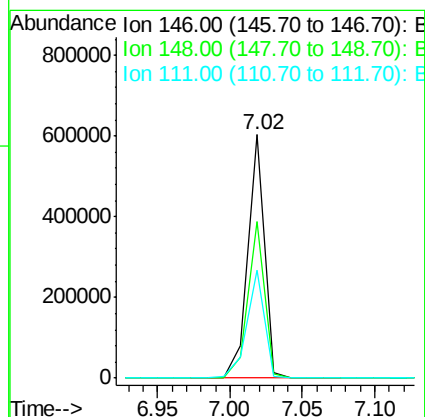
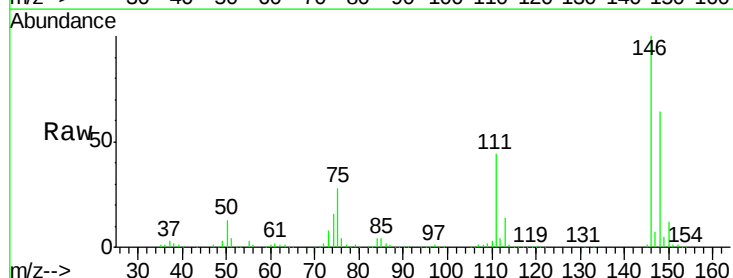
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

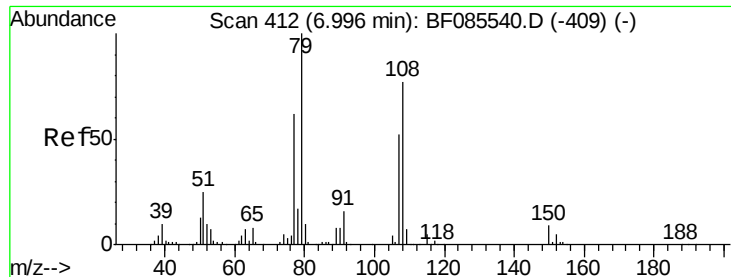
Tgt Ion:146 Resp: 493150
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 46.8 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 41.48 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:146 Resp: 481593
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.2
 111 44.2 34.6 52.0





#15

Benzyl Alcohol

Concen: 40.45 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

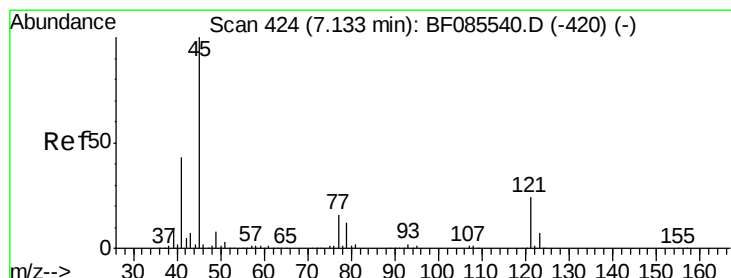
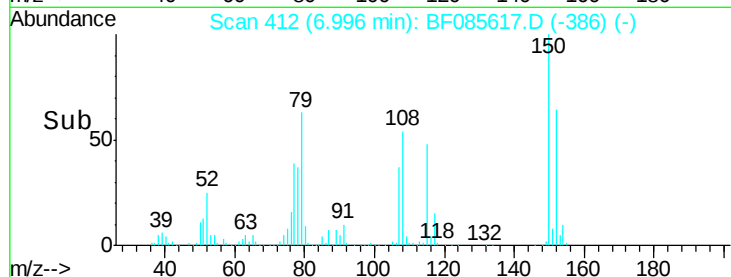
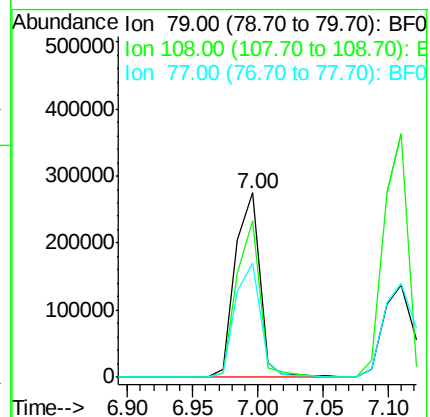
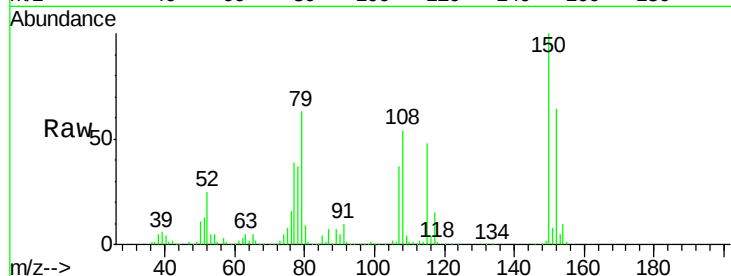
Tgt Ion: 79 Resp: 361414

Ion Ratio Lower Upper

79 100

108 84.9 61.8 92.6

77 62.2 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.52 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

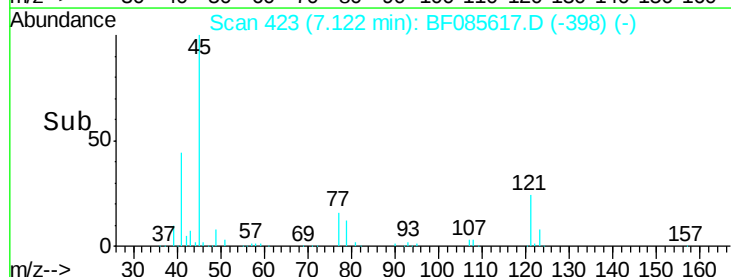
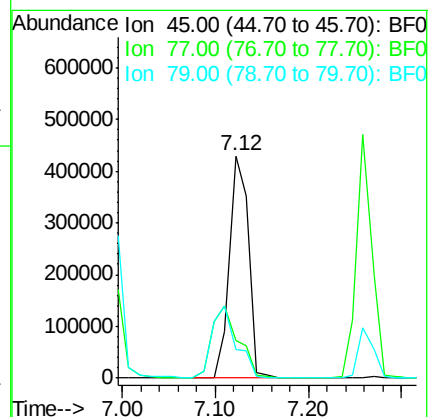
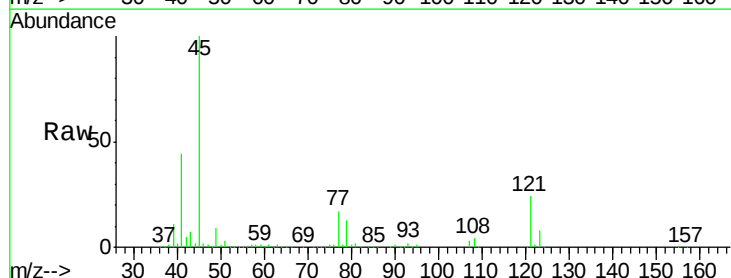
Tgt Ion: 45 Resp: 611540

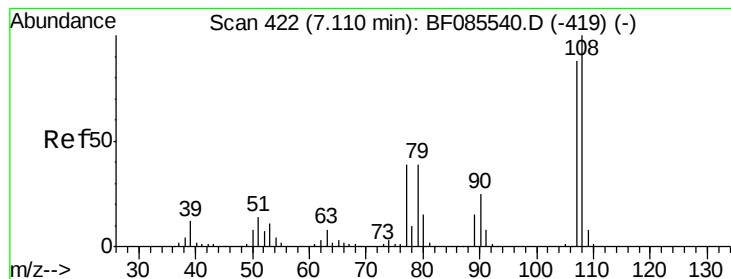
Ion Ratio Lower Upper

45 100

77 17.0 0.0 35.7

79 12.8 0.0 32.2





#17

2-Methylphenol

Concen: 42.40 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 413504

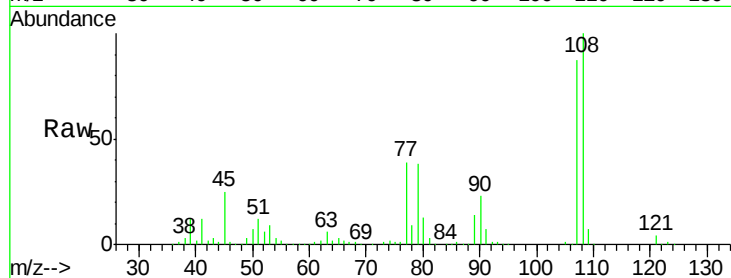
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 44.2 36.2 54.2

79 43.6 35.8 53.8

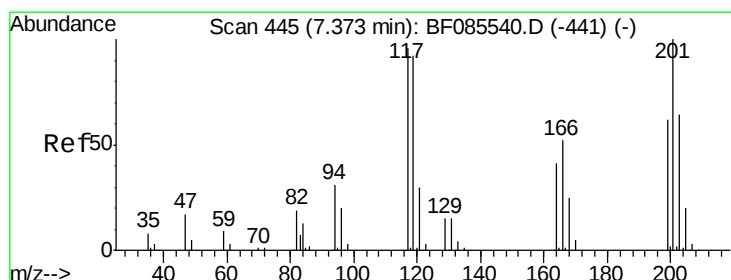
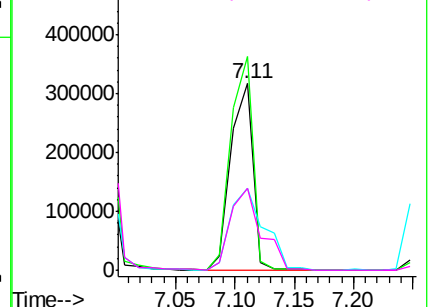
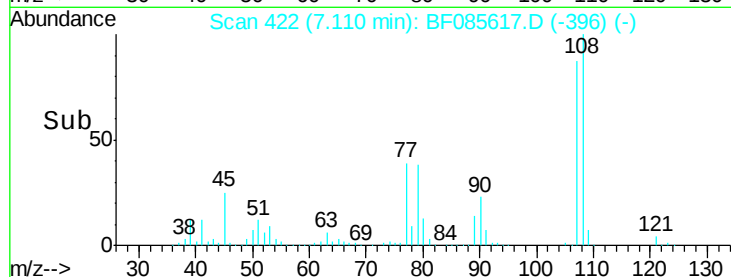


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.82 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

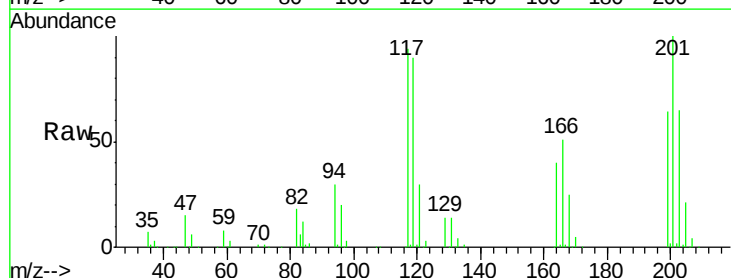
Tgt Ion:117 Resp: 197488

Ion Ratio Lower Upper

117 100

119 96.3 76.7 115.1

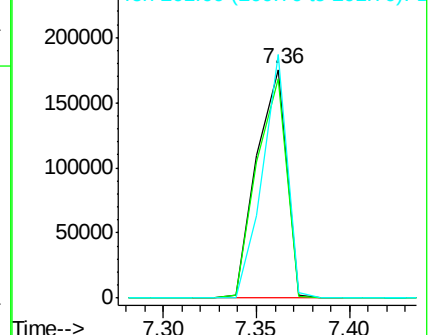
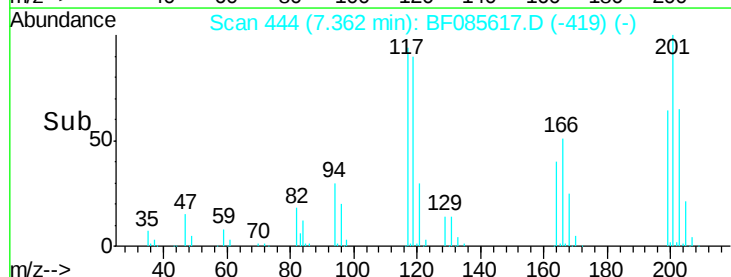
201 106.6 83.3 124.9

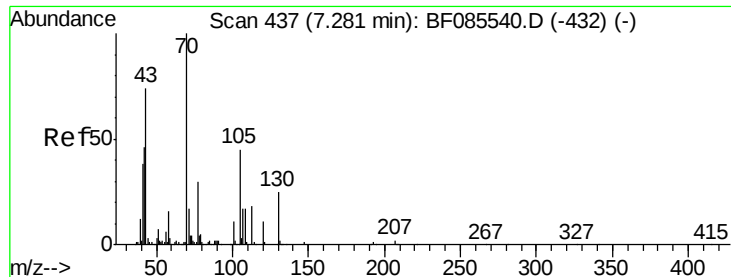


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

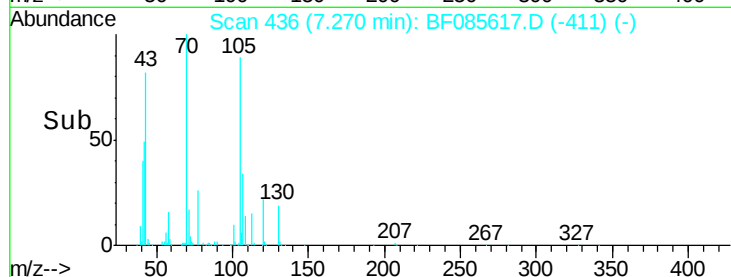
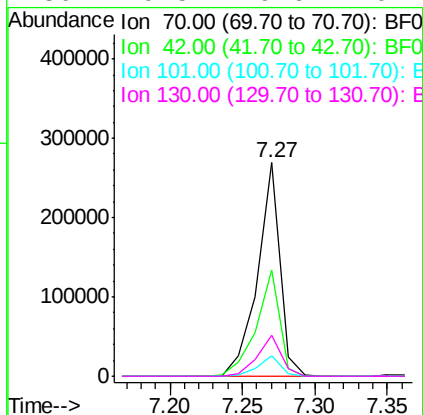
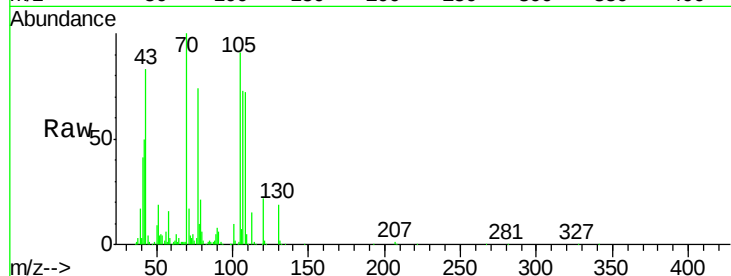




#19
n-Nitroso-di-n-propylamine
Concen: 37.18 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

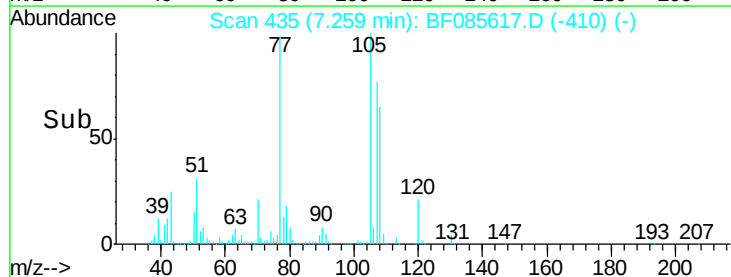
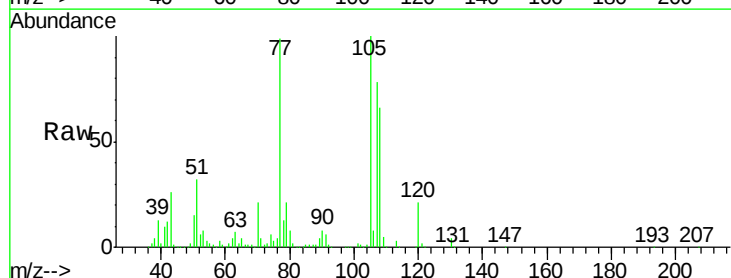
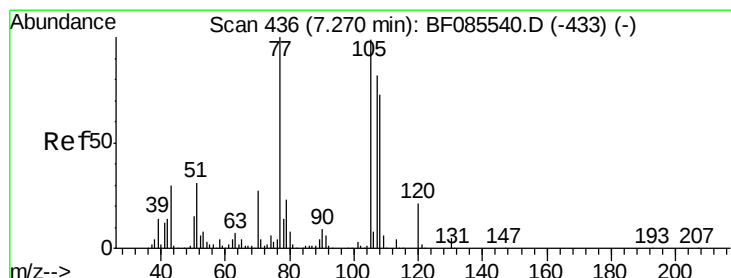
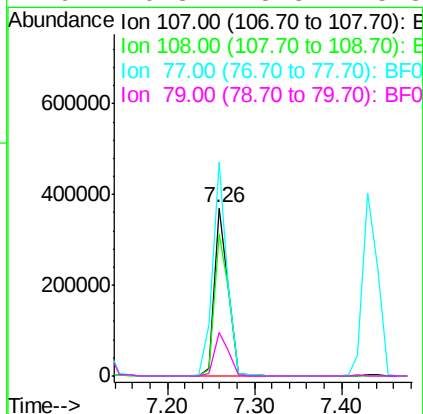
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

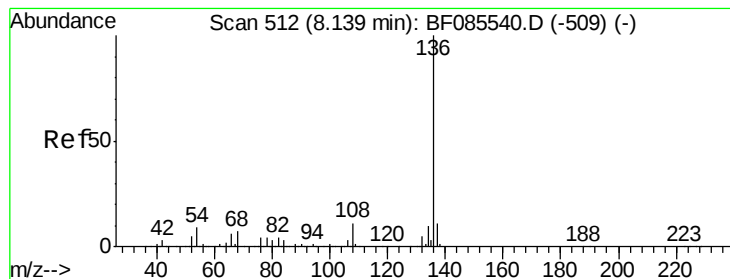
Tgt Ion: 70 Resp: 289686
Ion Ratio Lower Upper
70 100
42 49.8 37.1 55.7
101 9.6 8.6 12.8
130 19.5 19.6 29.4#



#20
3+4-Methylphenols
Concen: 36.47 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion: 107 Resp: 412007
Ion Ratio Lower Upper
107 100
108 84.8 69.3 109.3
77 127.1 101.7 141.7
79 26.3 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 671085

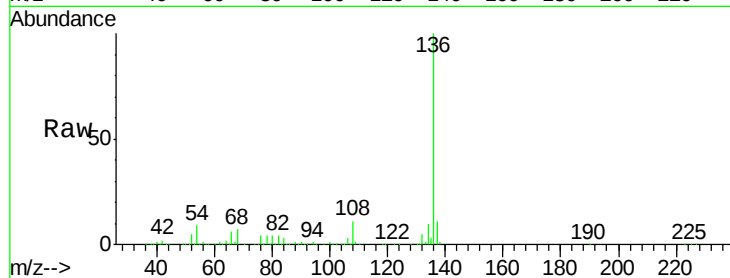
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 7.4 11.0

68 7.3 5.8 8.8

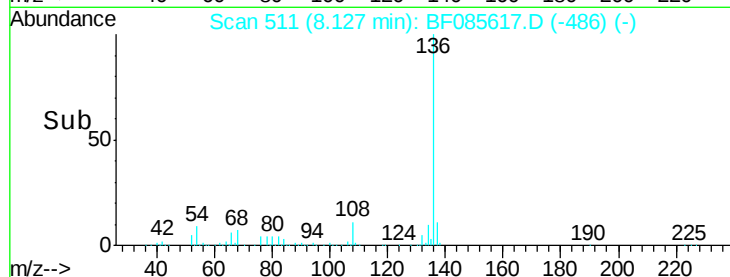


Abundance Ion 136.00 (135.70 to 136.70): E

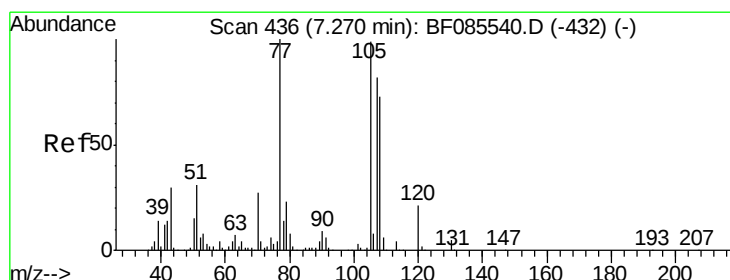
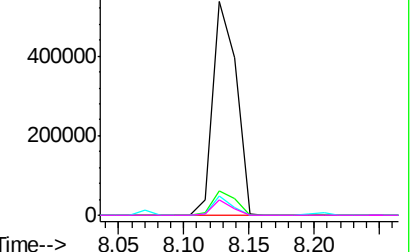
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.17 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Tgt Ion:105 Resp: 591929

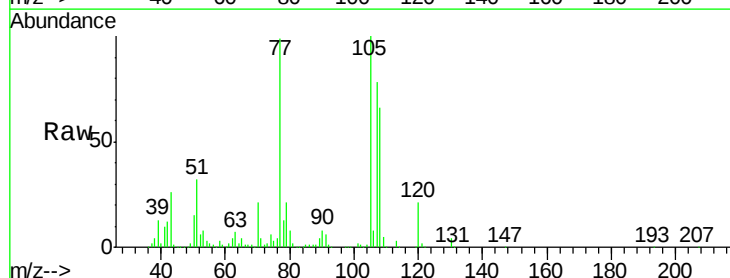
Ion Ratio Lower Upper

105 100

71 3.7 3.6 5.4

51 31.8 25.4 38.0

120 20.8 16.9 25.3

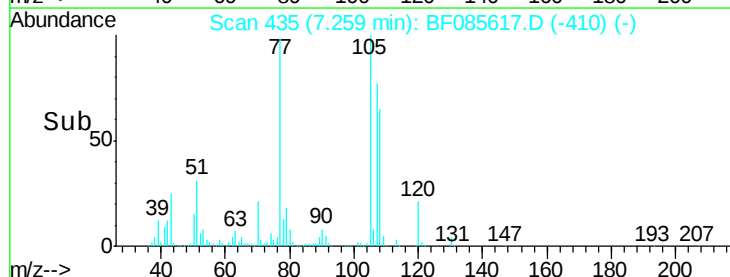


Abundance Ion 105.00 (104.70 to 105.70): E

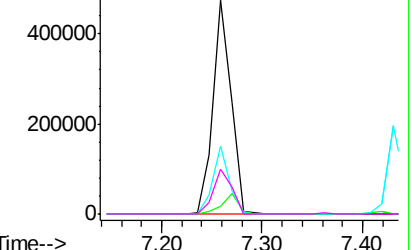
Ion 71.00 (70.70 to 71.70): BF0

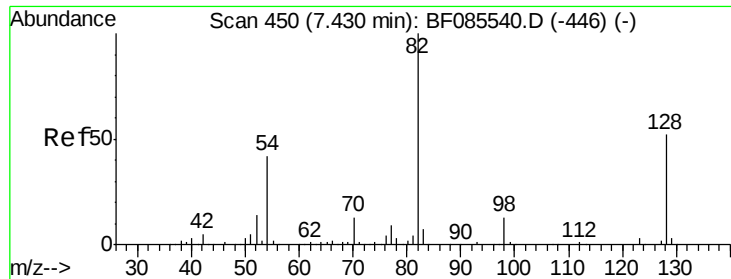
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

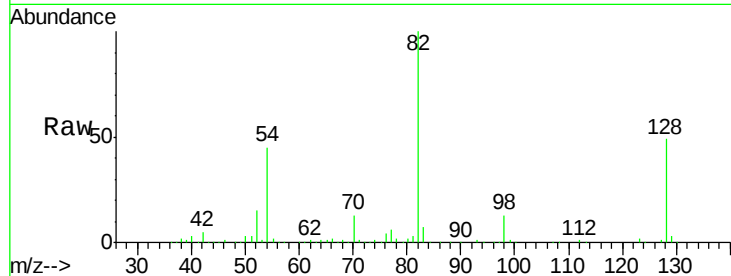




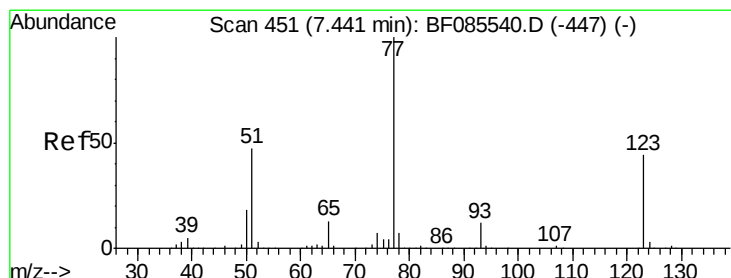
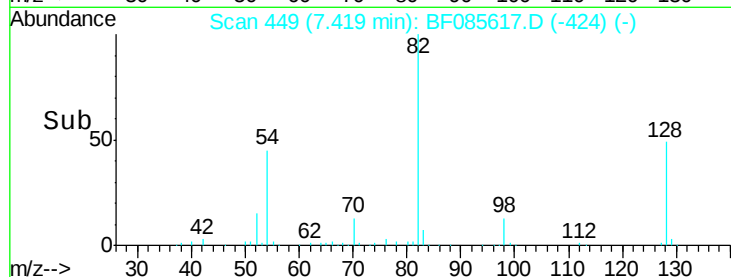
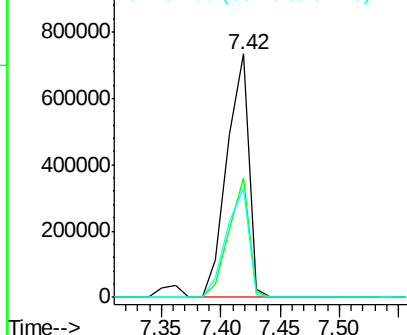
#23
 Nitrobenzene-d5
 Concen: 81.24 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	41.8	62.8
54	44.9	33.4	50.0

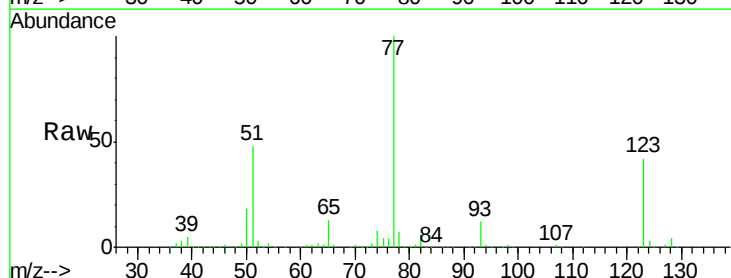


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

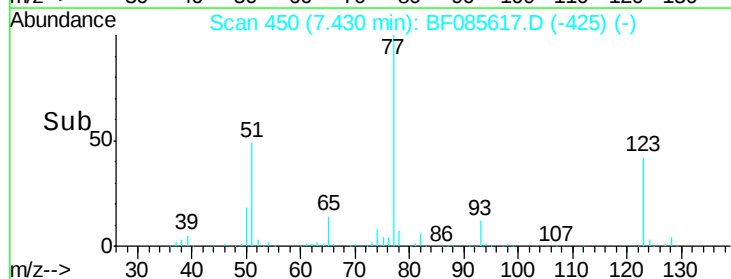
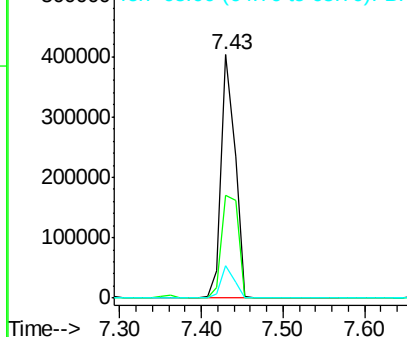


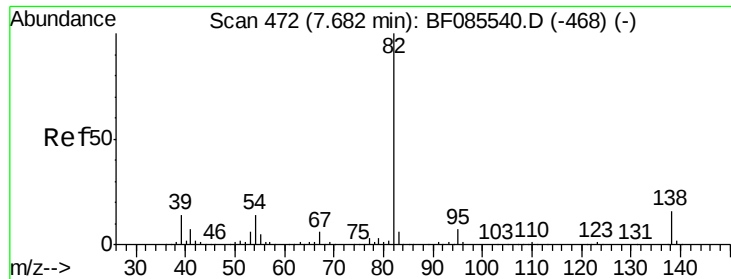
#24
 Nitrobenzene
 Concen: 37.64 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	35.0	52.4
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: 41.03 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

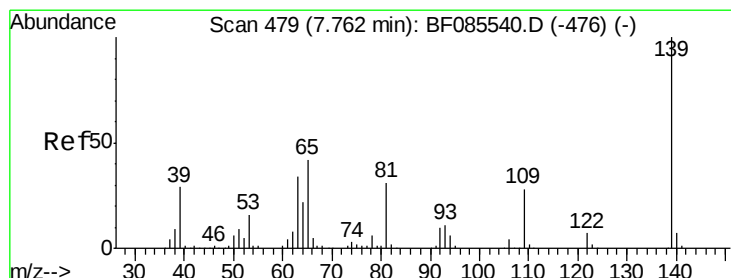
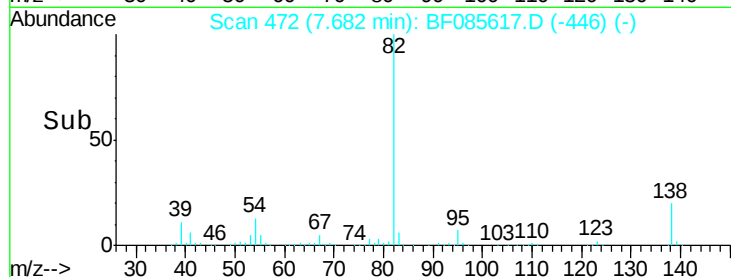
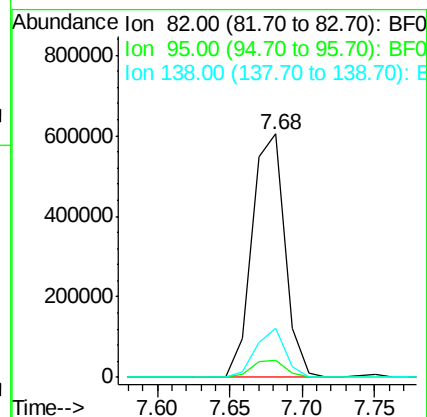
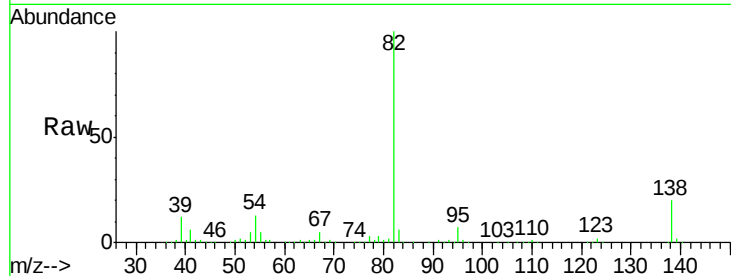
Tgt Ion: 82 Resp: 949700

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 20.3 12.9 19.3#



#26

2-Nitrophenol

Concen: 44.33 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

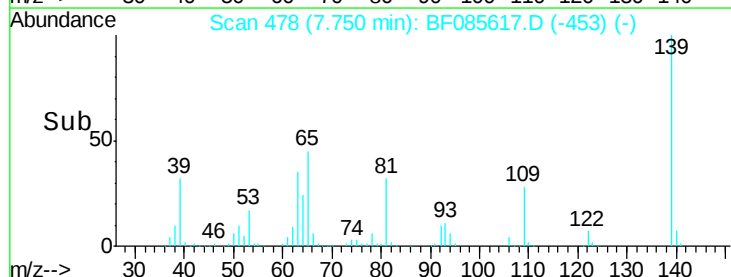
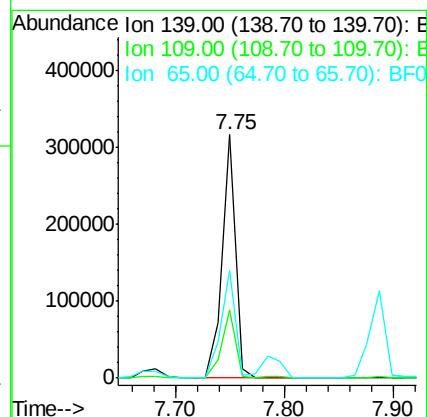
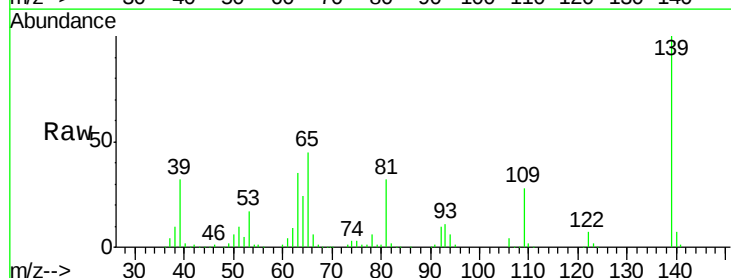
Tgt Ion: 139 Resp: 277276

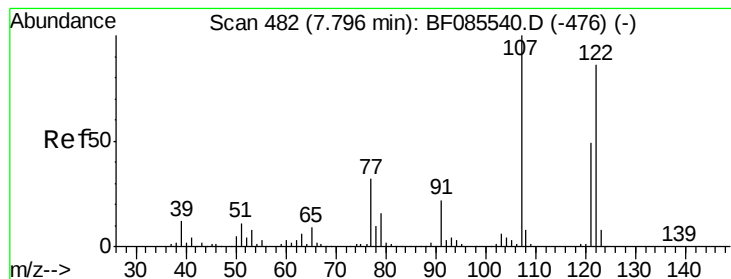
Ion Ratio Lower Upper

139 100

109 28.1 22.1 33.1

65 44.6 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 40.53 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

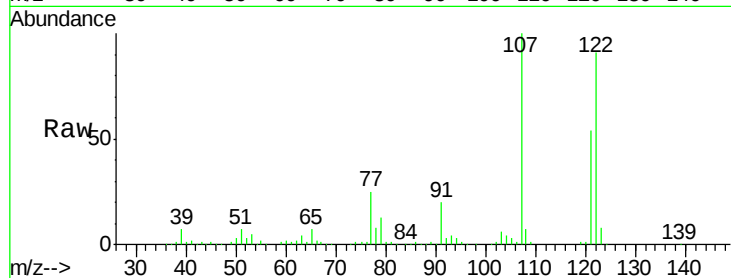
Tgt Ion:122 Resp: 448231

Ion Ratio Lower Upper

122 100

107 109.5 93.0 139.6

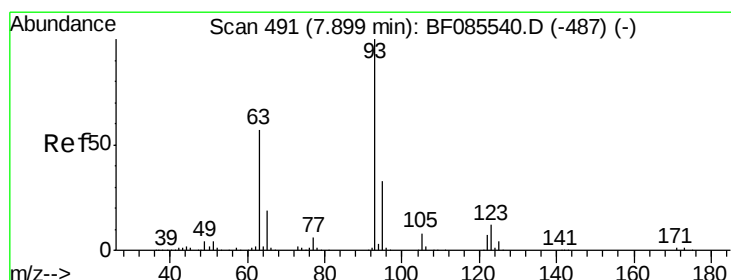
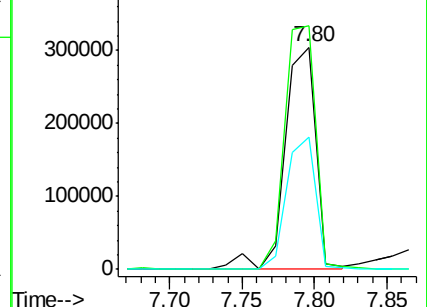
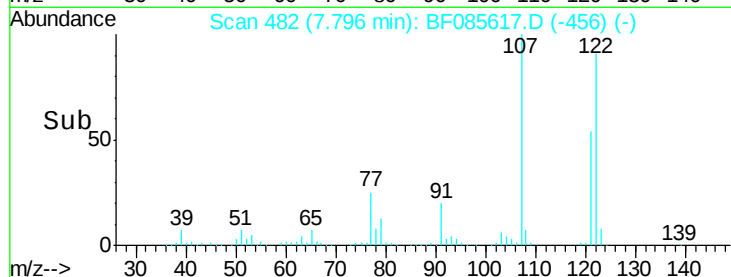
121 59.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.66 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

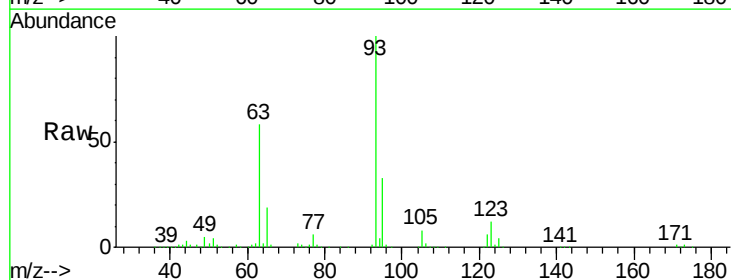
Tgt Ion: 93 Resp: 561690

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

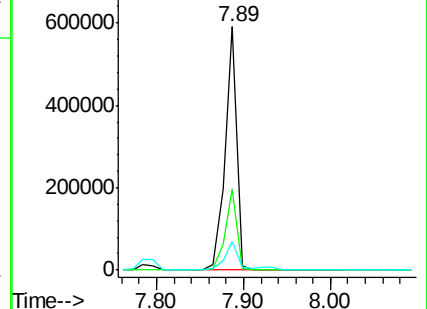
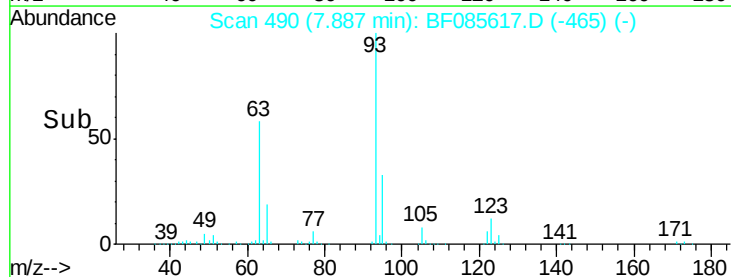
123 11.7 9.8 14.6

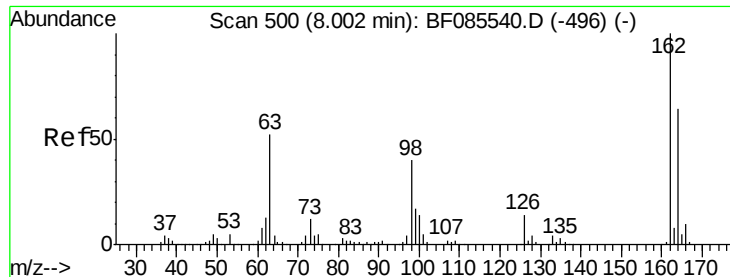


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

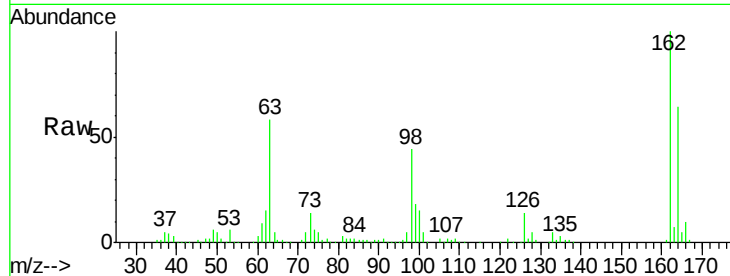




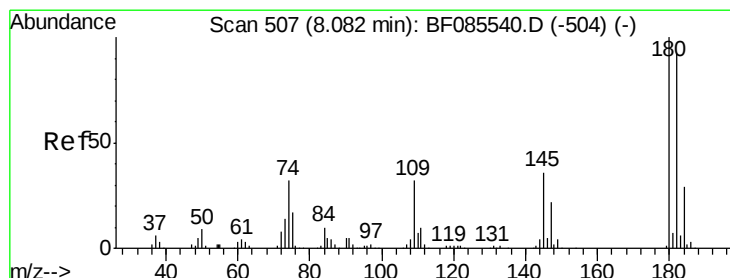
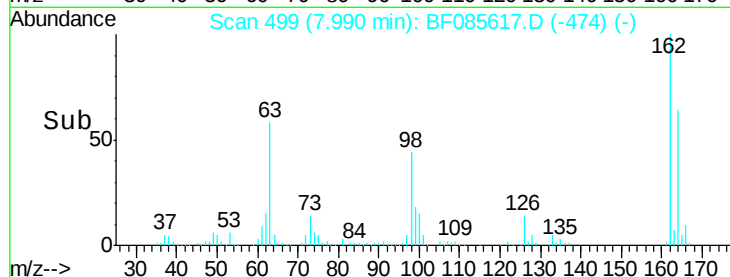
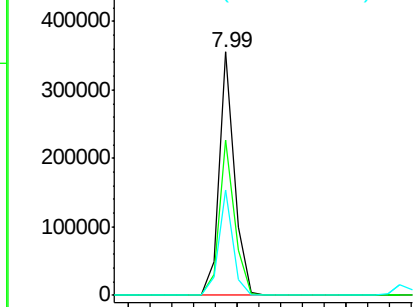
#29
2,4-Dichlorophenol
Concen: 38.41 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 350803
Ion Ratio Lower Upper
162 100
164 63.6 43.7 83.7
98 43.5 20.4 60.4

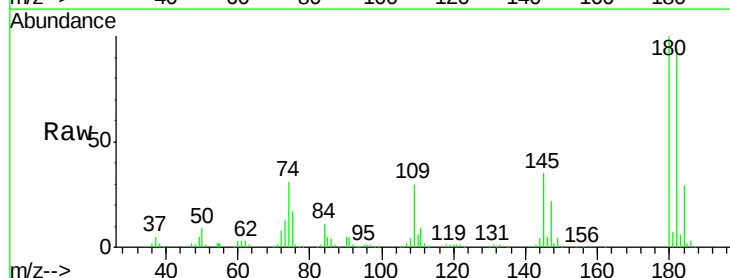


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

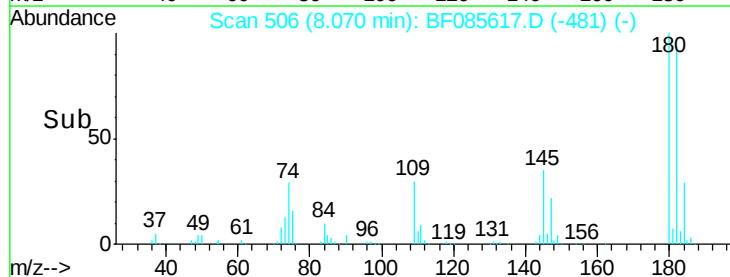
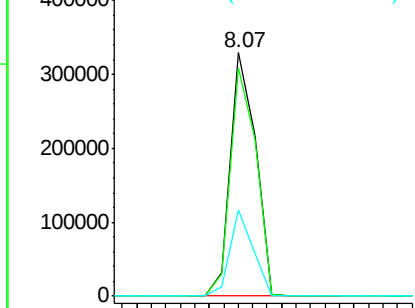


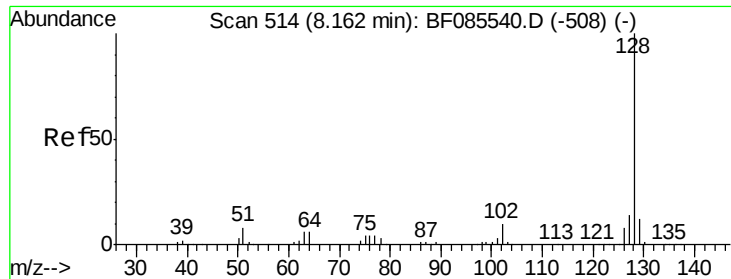
#30
1,2,4-Trichlorobenzene
Concen: 38.99 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:180 Resp: 398911
Ion Ratio Lower Upper
180 100
182 93.7 73.8 110.8
145 35.4 28.4 42.6



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

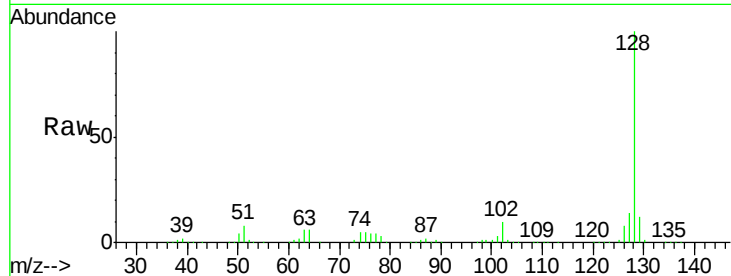




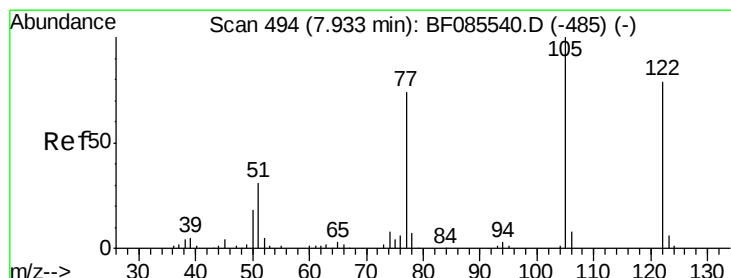
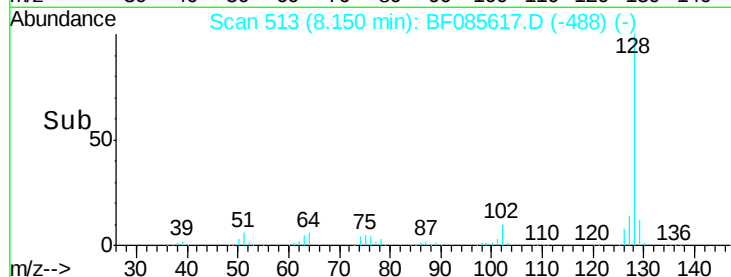
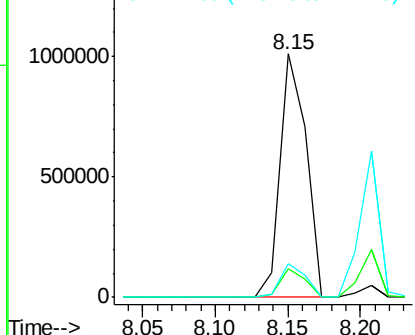
#31
Naphthalene
Concen: 37.03 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1254184
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.6

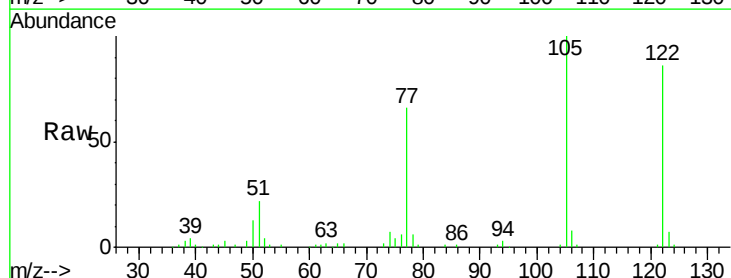


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

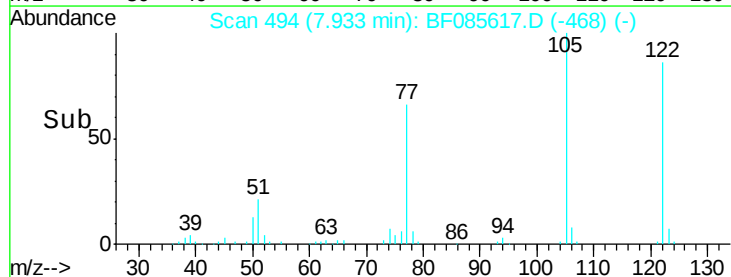
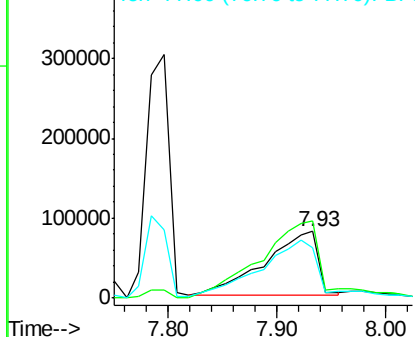


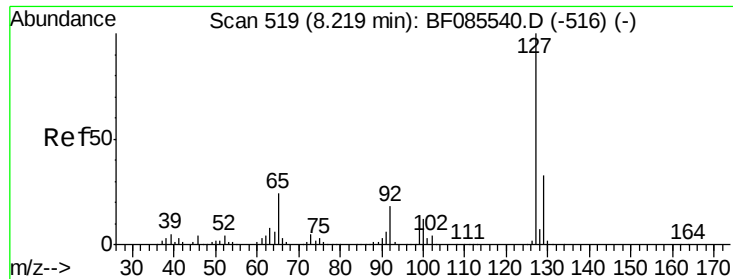
#32
Benzoic acid
Concen: 29.81 ng
RT: 7.93 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:122 Resp: 275652
Ion Ratio Lower Upper
122 100
105 115.7 102.9 142.9
77 76.2 71.8 111.8



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

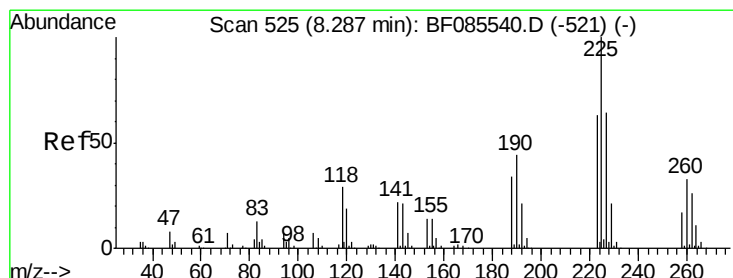
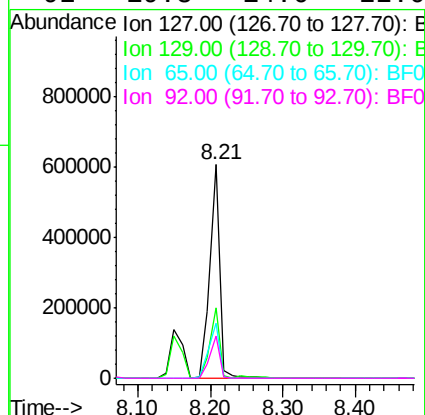
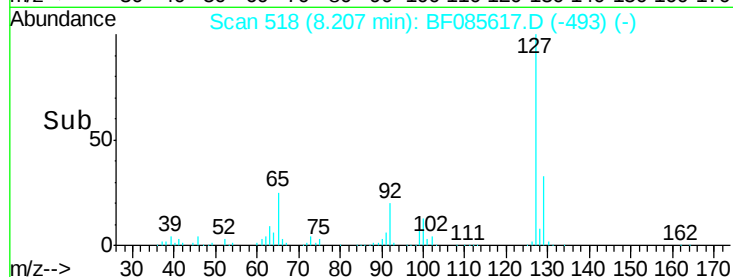
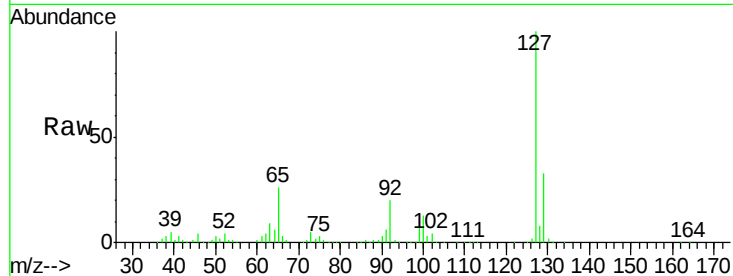




#33
4-Chloroaniline
Concen: 41.44 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

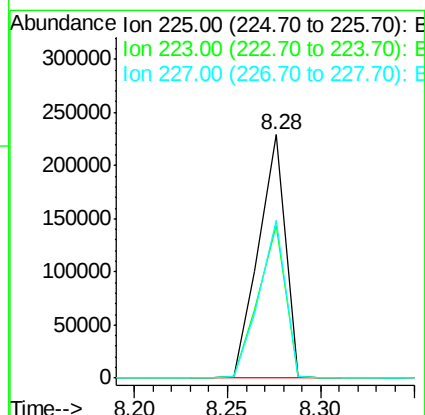
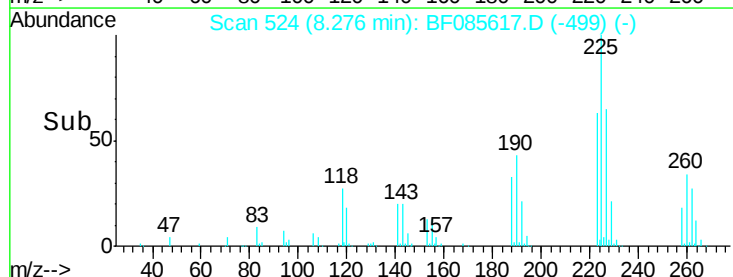
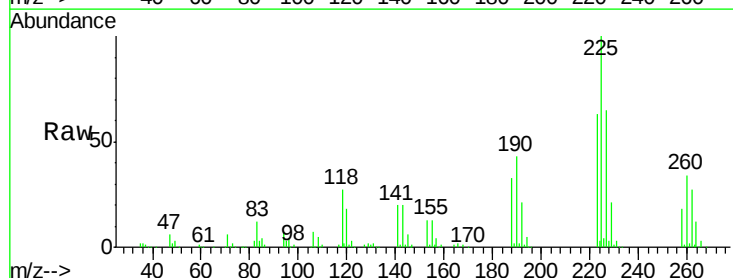
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

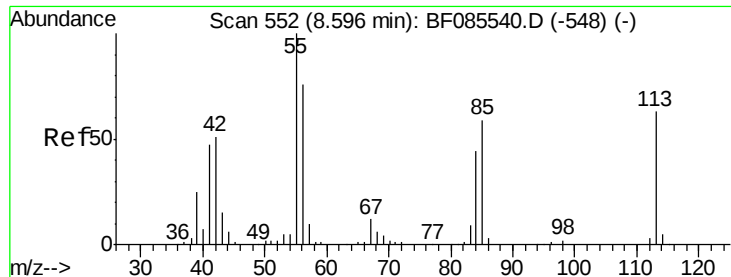
Tgt Ion:	127	Resp:	575391
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	25.9	19.5	29.3
92	19.8	14.6	22.0



#34
Hexachlorobutadiene
Concen: 41.91 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:	225	Resp:	228527
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	64.7	51.4	77.2

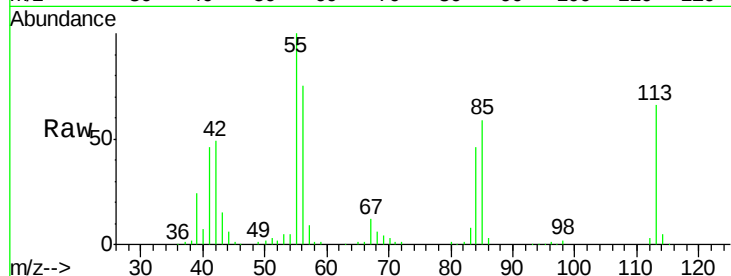




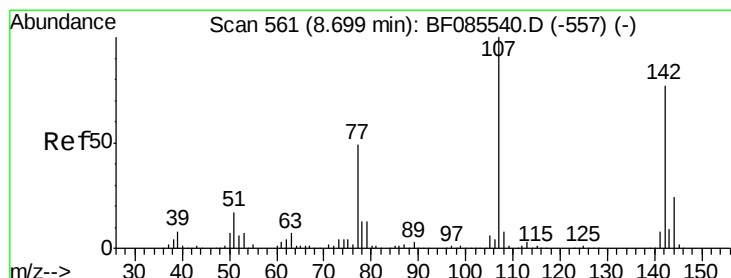
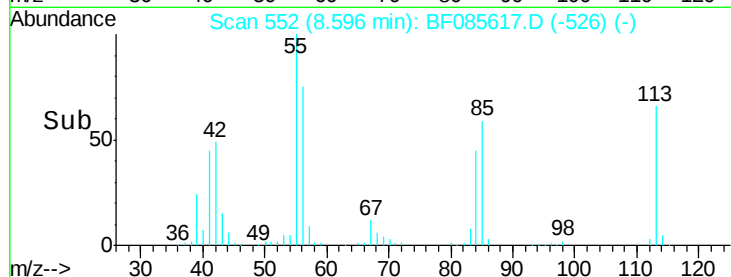
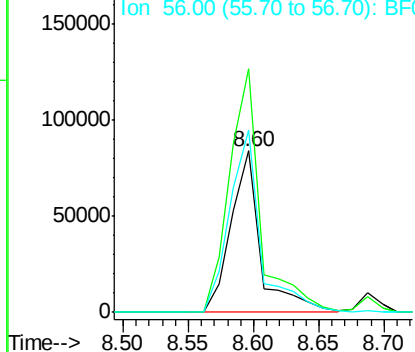
#35
 Caprolactam
 Concen: 42.02 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 132058
 Ion Ratio Lower Upper
 113 100
 55 151.0 139.4 179.4
 56 112.8 100.4 140.4

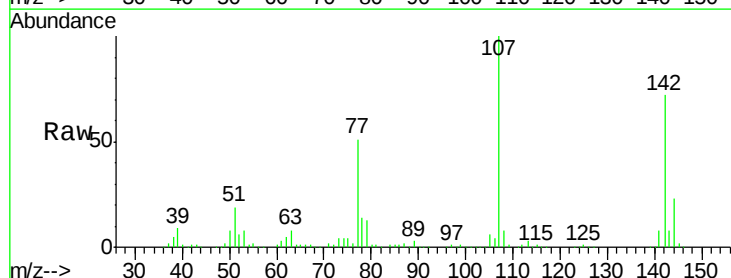


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

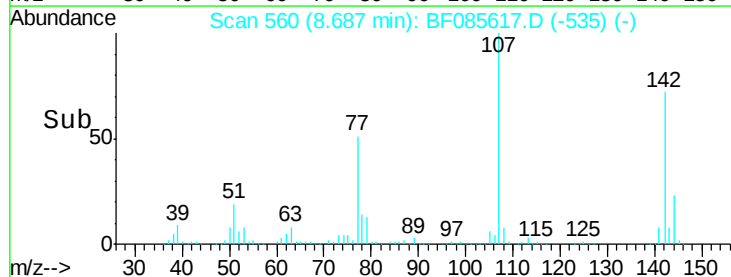
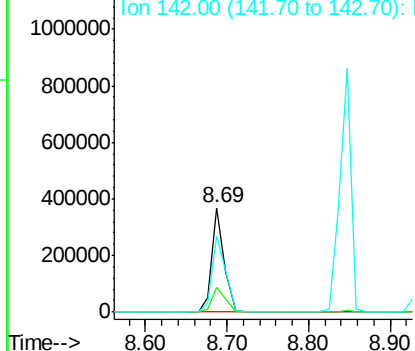


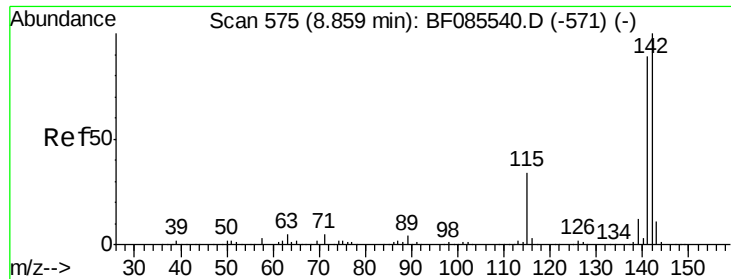
#36
 4-Chloro-3-methylphenol
 Concen: 36.74 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:107 Resp: 391858
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.3 28.9
 142 72.5 61.4 92.0



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

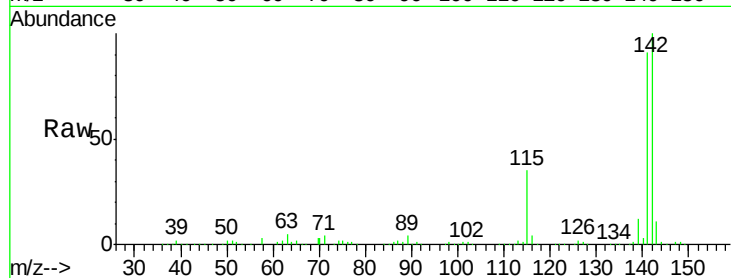




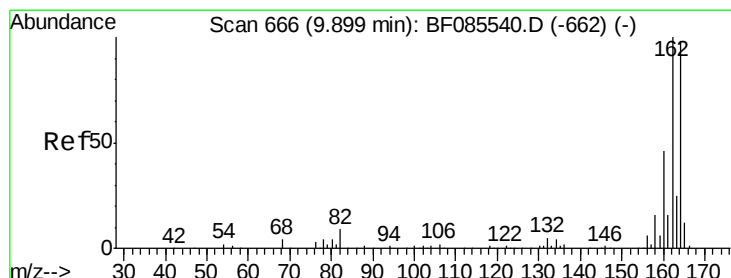
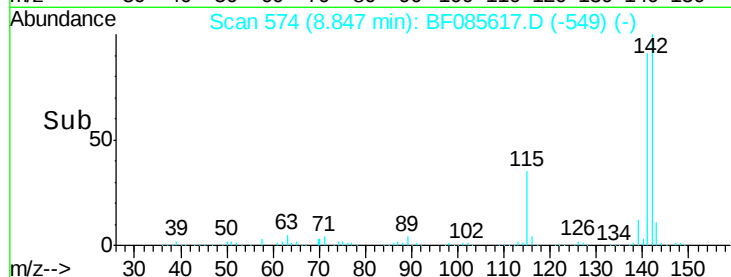
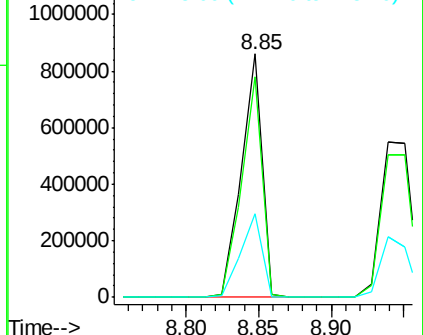
#37
 2-Methylnaphthalene
 Concen: 41.54 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 857688
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.6 107.4
 115 34.6 26.8 40.2

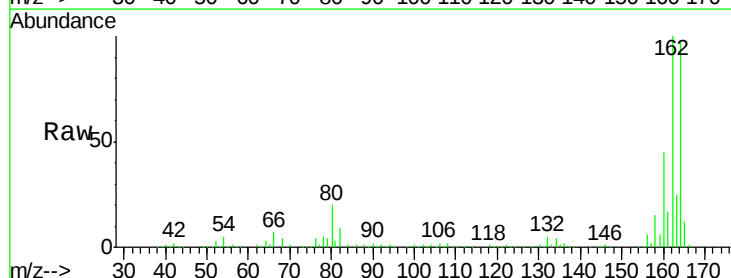


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

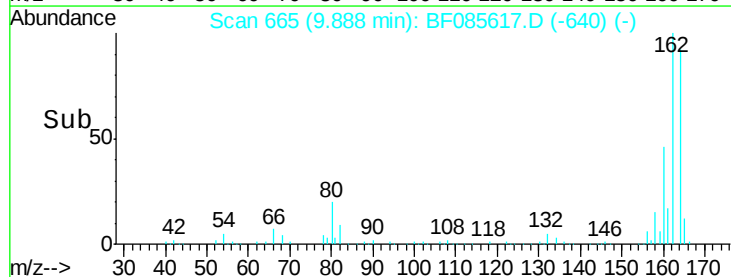
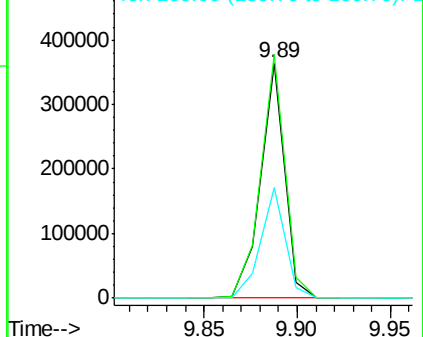


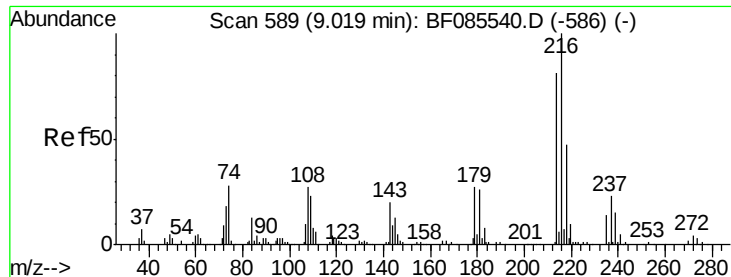
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:164 Resp: 323141
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.1 123.1
 160 47.0 37.4 56.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.07 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 363315

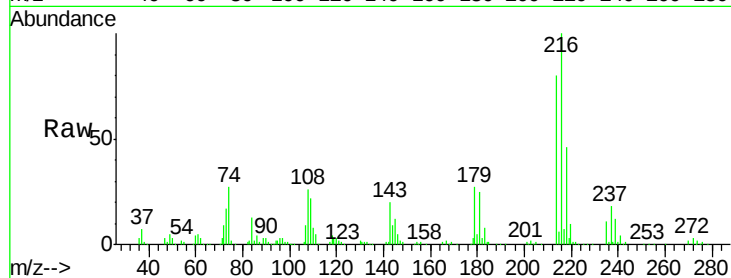
Ion Ratio Lower Upper

216 100

214 78.5 63.1 94.7

179 22.7 18.2 27.2

108 20.5 17.3 25.9

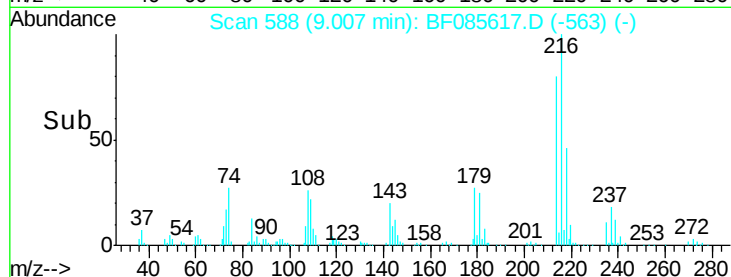


Abundance Ion 216.00 (215.70 to 216.70): E

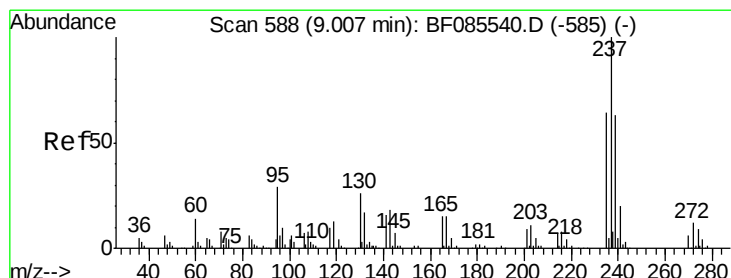
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 38.97 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

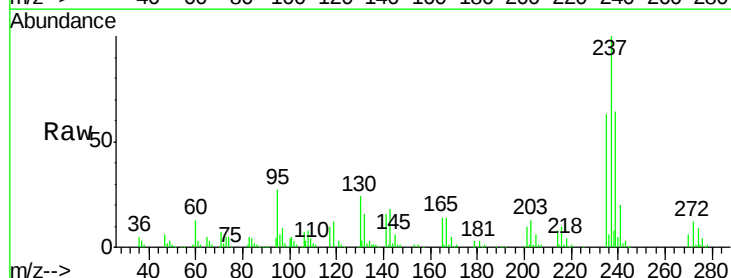
Tgt Ion:237 Resp: 172166

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

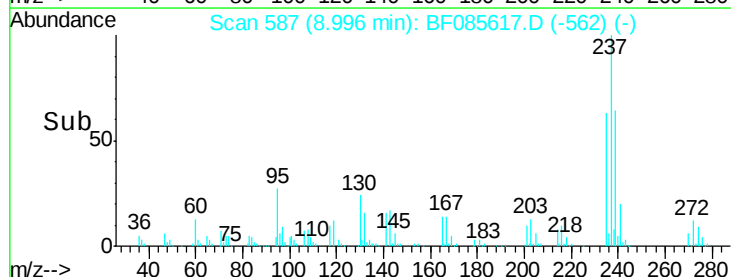
272 11.6 0.0 31.9



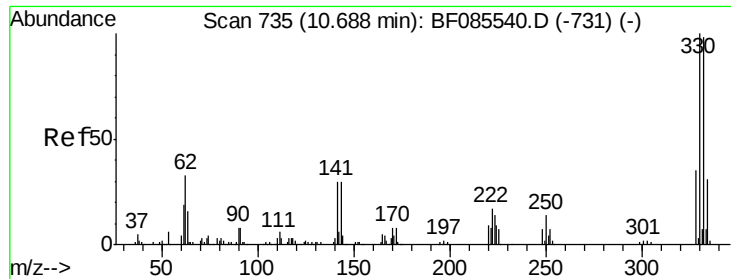
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



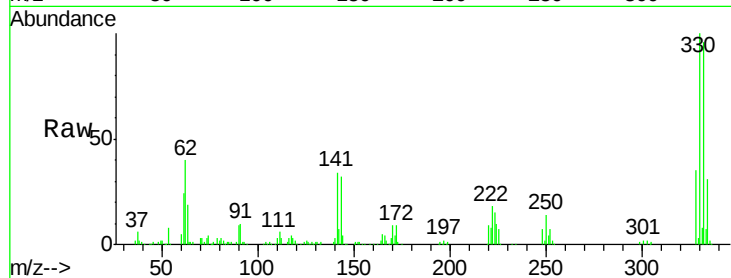
Time-->



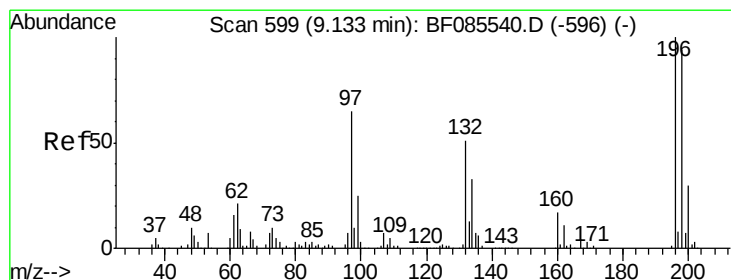
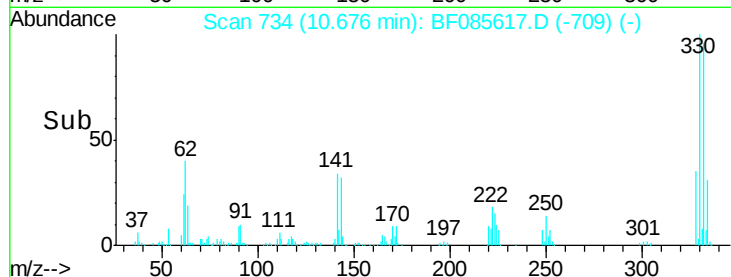
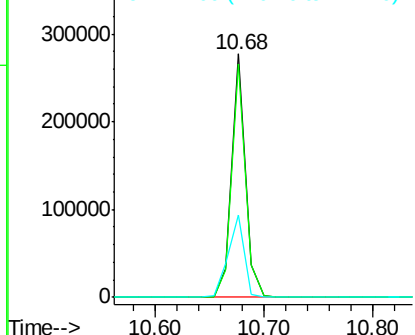
#41
 2,4,6-Tribromophenol
 Concen: 76.07 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 240778
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 39.0 31.5 47.3

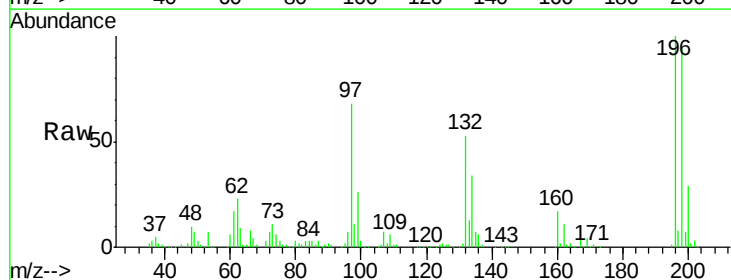


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

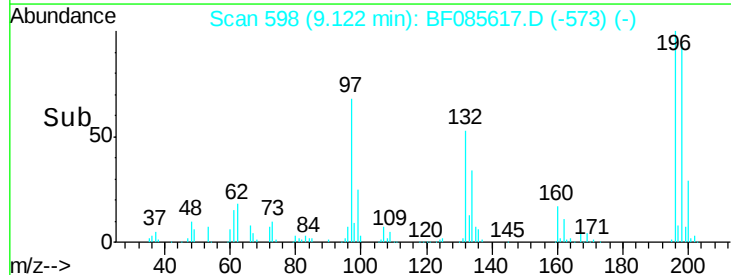
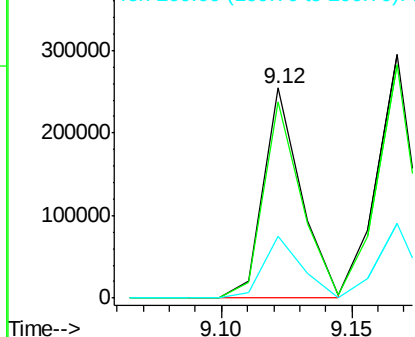


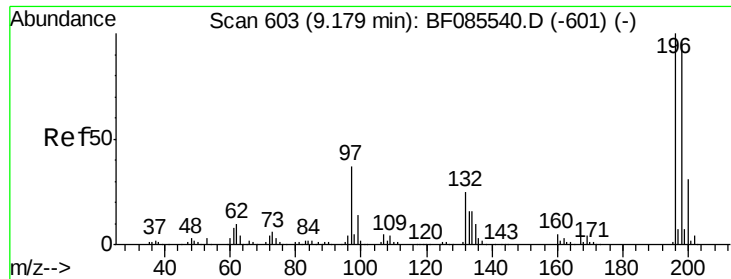
#42
 2,4,6-Trichlorophenol
 Concen: 38.17 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:196 Resp: 256087
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.3 112.9
 200 29.4 23.7 35.5



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

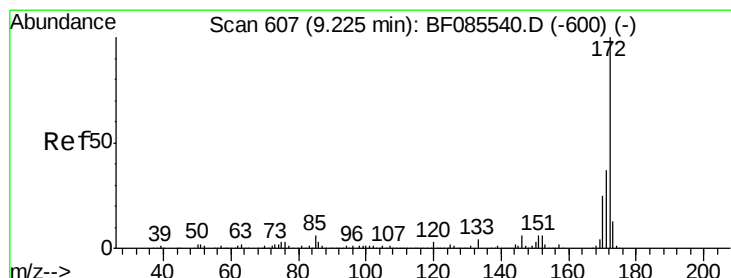
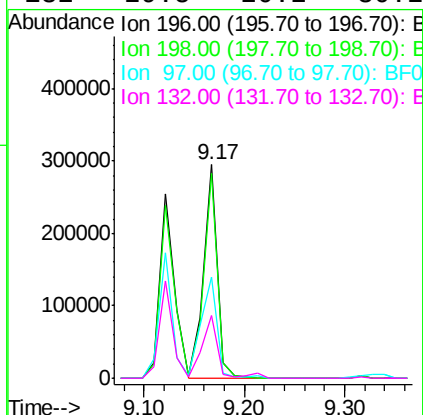
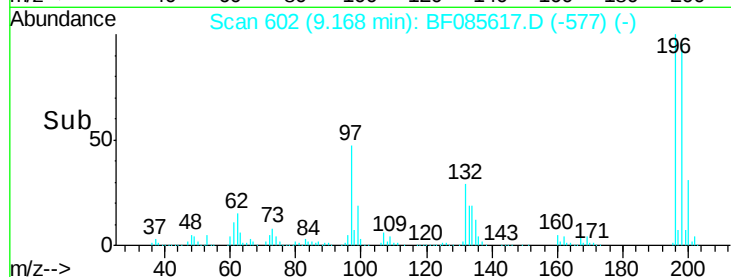
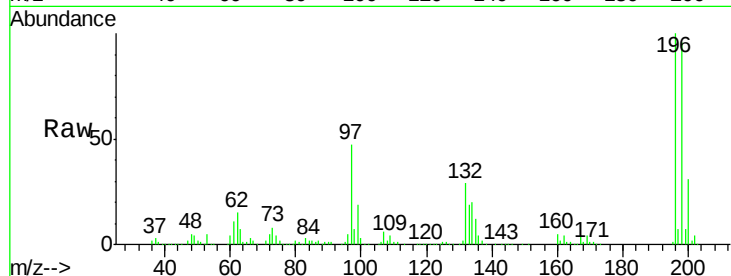




#43
2,4,5-Trichlorophenol
Concen: 40.86 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

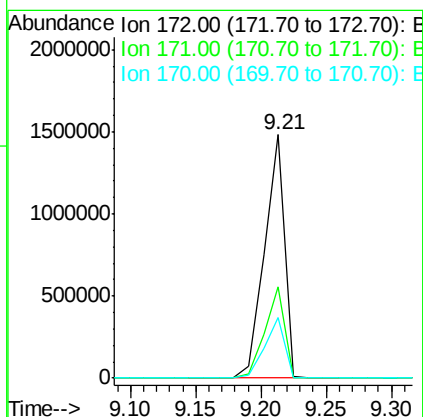
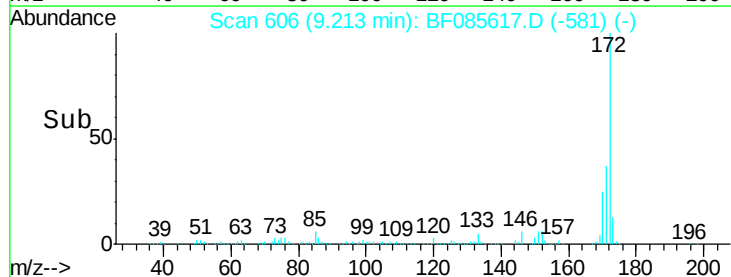
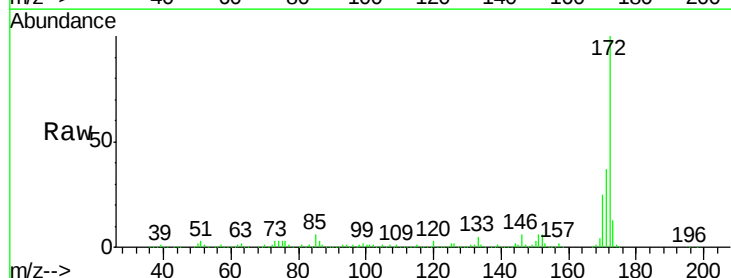
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

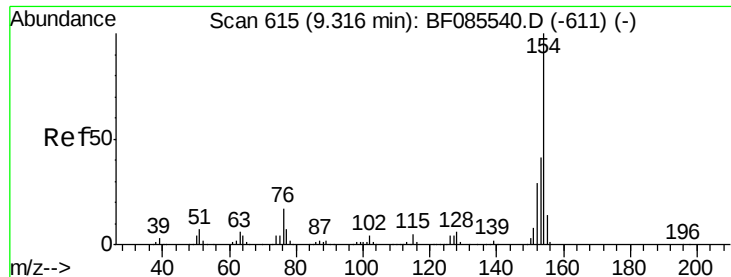
Tgt Ion:196 Resp: 278994
Ion Ratio Lower Upper
196 100
198 96.0 76.6 114.8
97 47.2 30.5 45.7#
132 29.5 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 83.79 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:172 Resp: 1593004
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.2
170 25.1 19.8 29.6

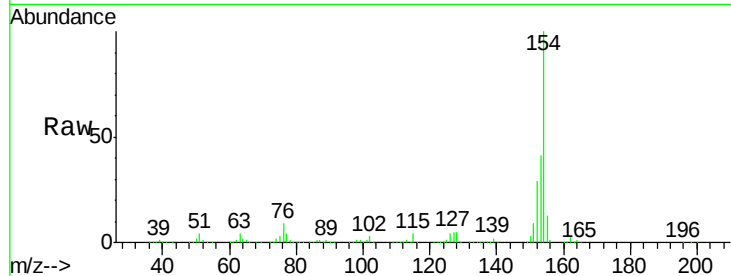




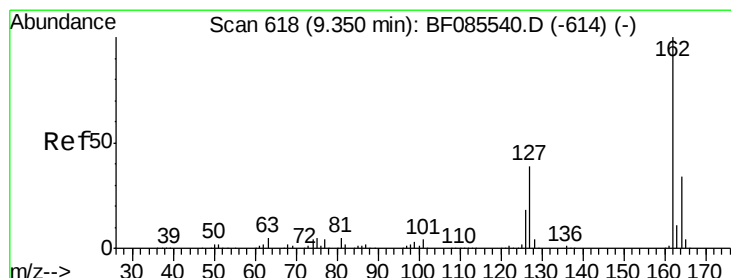
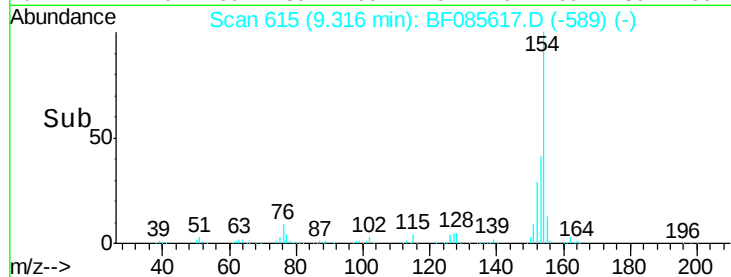
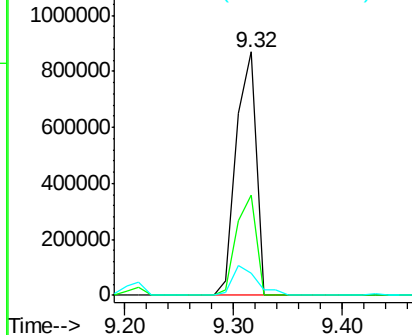
#45
 1,1'-Biphenyl
 Concen: 38.89 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1084105
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.8 60.8
 76 9.2 0.0 36.7

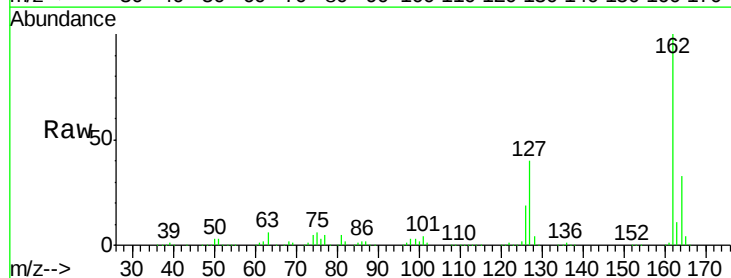


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

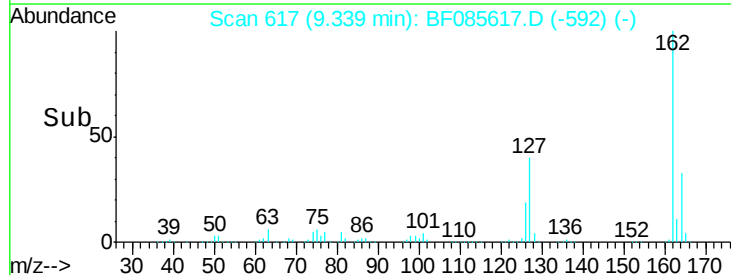
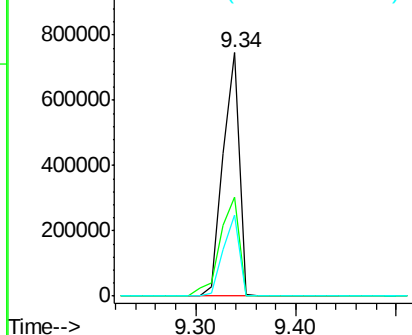


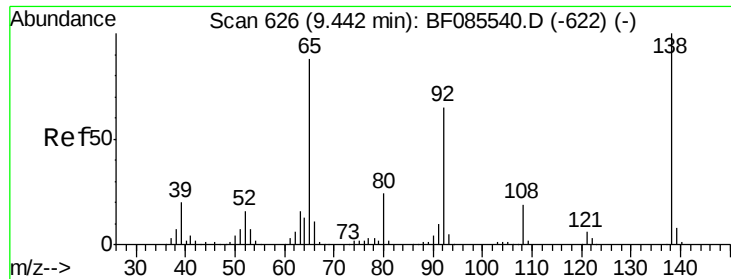
#46
 2-Chloronaphthalene
 Concen: 41.11 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:162 Resp: 837096
 Ion Ratio Lower Upper
 162 100
 127 40.5 31.7 47.5
 164 33.5 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

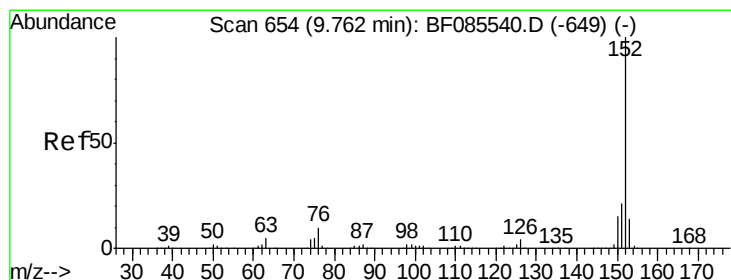
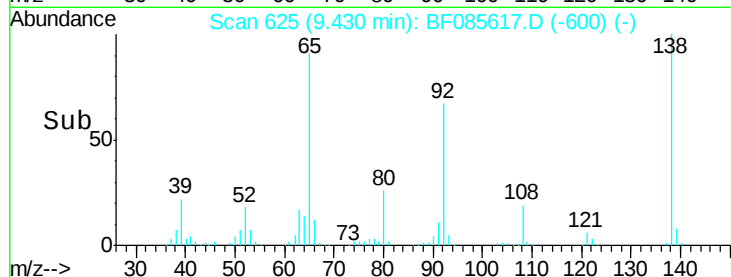
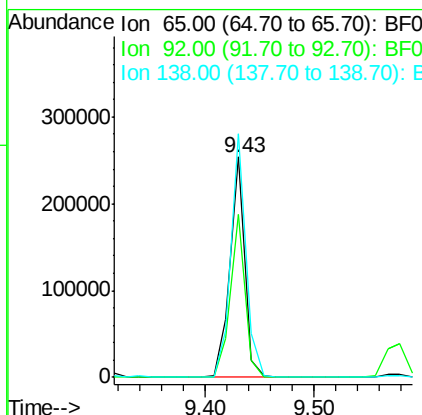
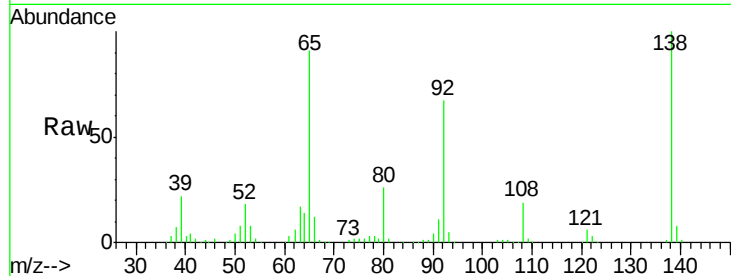




#47
2-Nitroaniline
Concen: 38.44 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

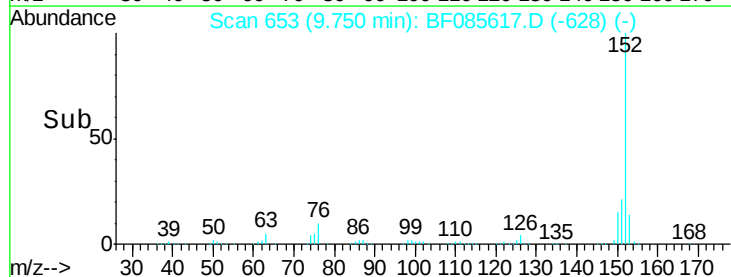
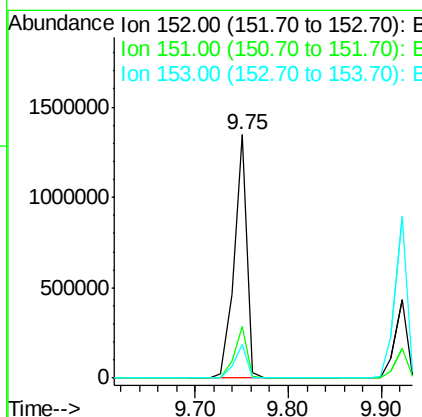
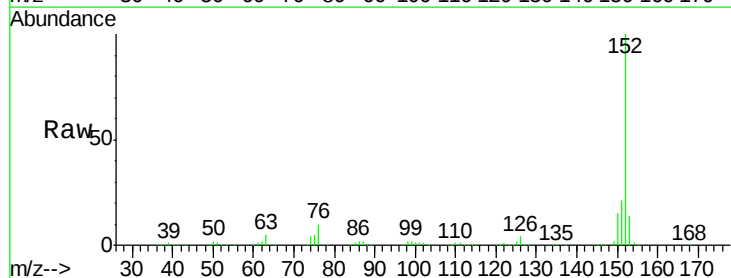
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

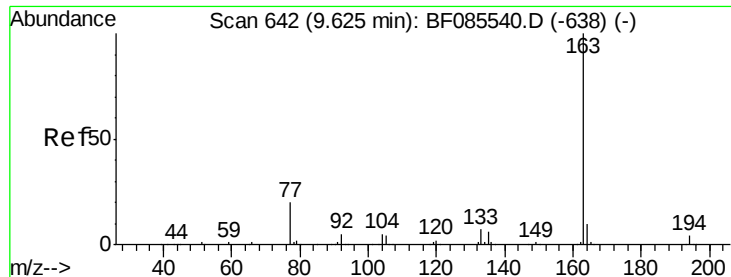
Tgt Ion: 65 Resp: 236799
Ion Ratio Lower Upper
65 100
92 74.2 59.7 89.5
138 110.4 91.4 137.0



#48
Acenaphthylene
Concen: 38.87 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion: 152 Resp: 1280895
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.6 10.9 16.3

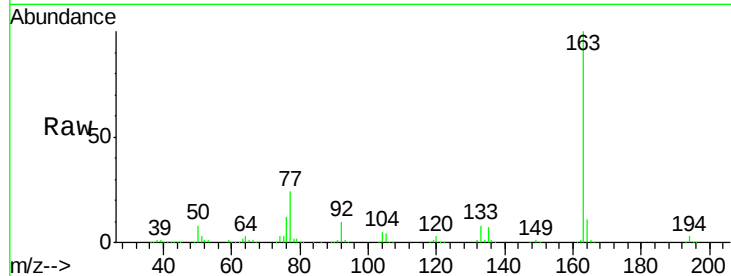




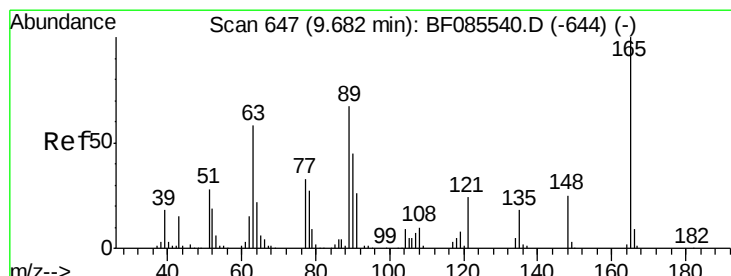
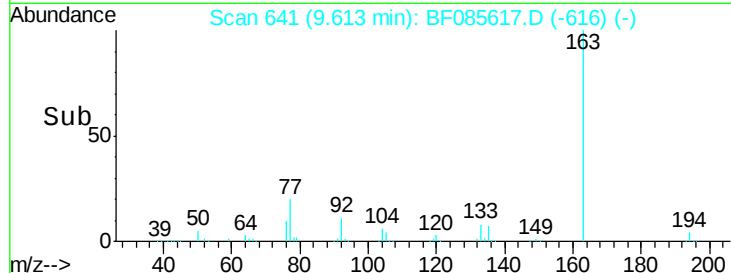
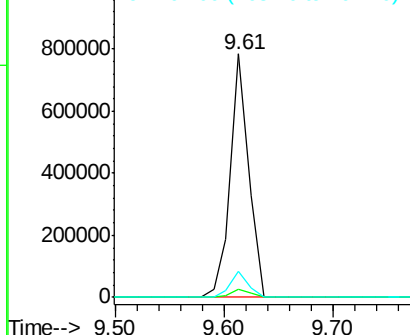
#49
Dimethylphthalate
Concen: 37.30 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 909543
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.8 8.3 12.5

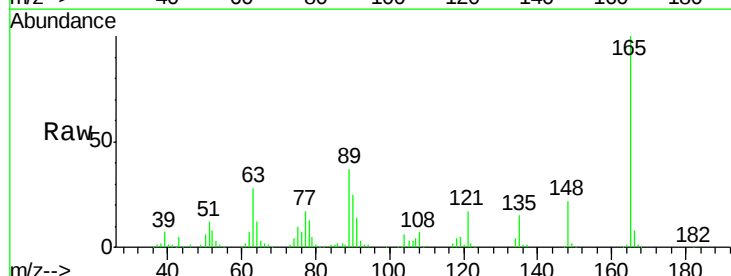


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

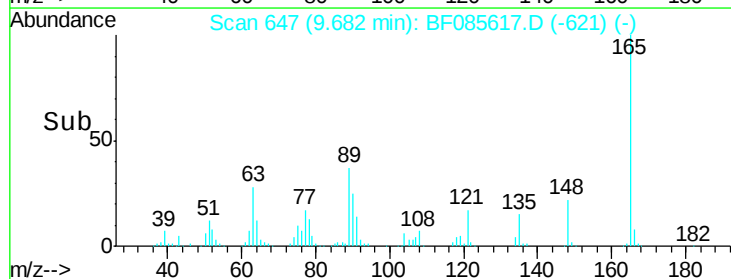
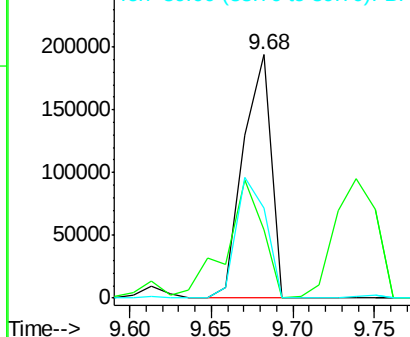


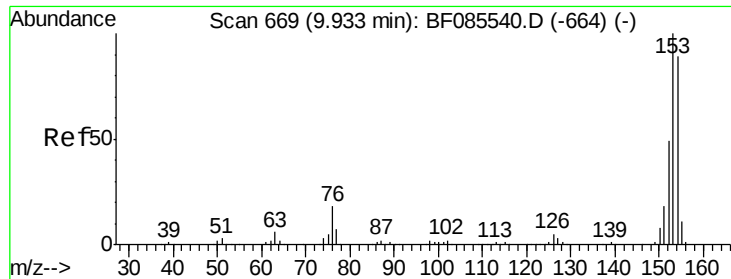
#50
2,6-Dinitrotoluene
Concen: 44.46 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:165 Resp: 228870
Ion Ratio Lower Upper
165 100
63 28.2 51.8 77.8#
89 36.9 53.7 80.5#



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

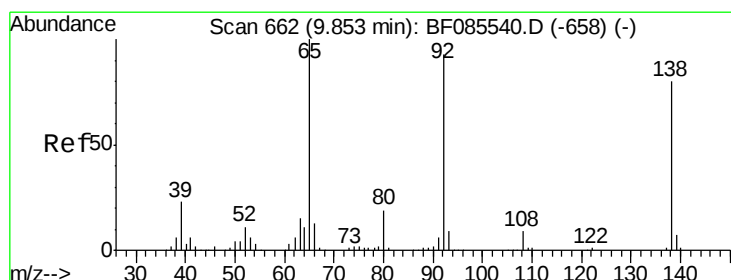
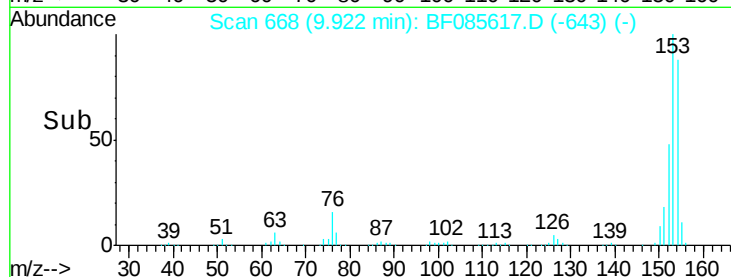
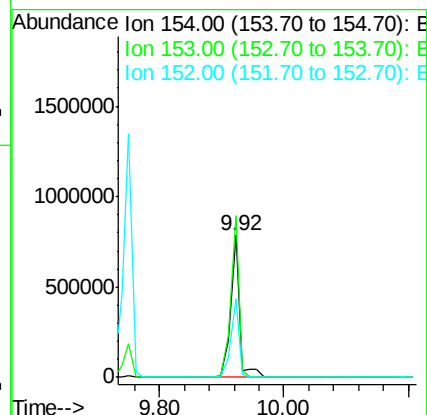
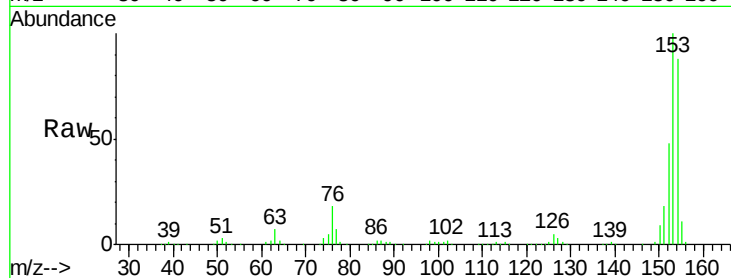




#51
Acenaphthene
Concen: 37.60 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

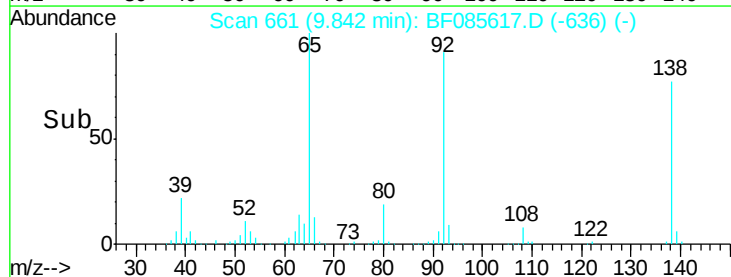
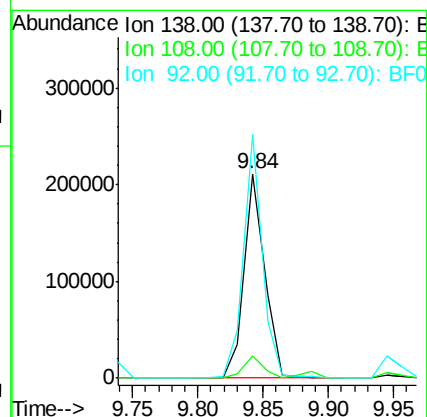
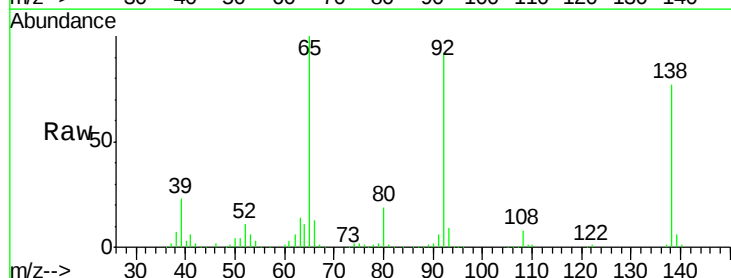
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

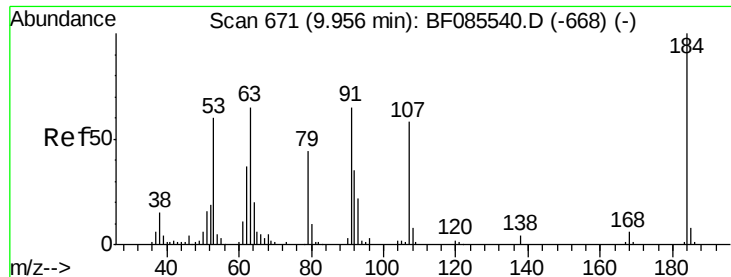
Tgt Ion:154 Resp: 777565
Ion Ratio Lower Upper
154 100
153 114.0 90.1 135.1
152 55.2 44.2 66.2



#52
3-Nitroaniline
Concen: 35.83 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:138 Resp: 231017
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 119.0 93.3 139.9

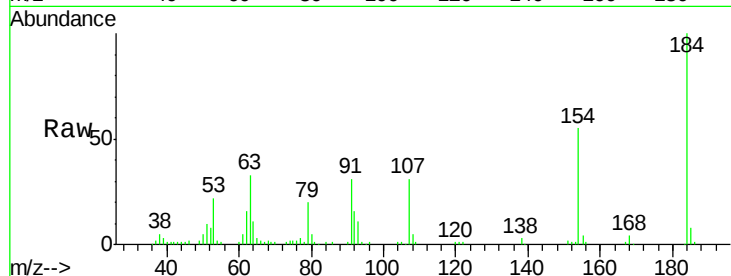




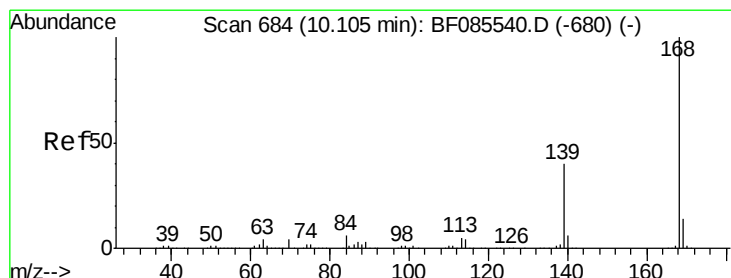
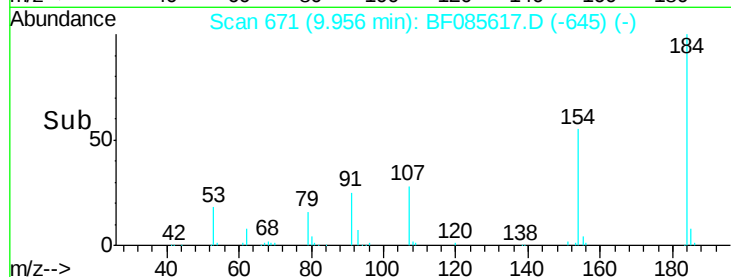
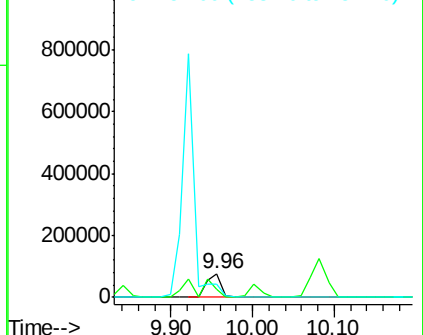
#53
2,4-Dinitrophenol
Concen: 32.75 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 103284
Ion Ratio Lower Upper
184 100
63 33.1 69.5 104.3#
154 55.5 58.3 87.5#

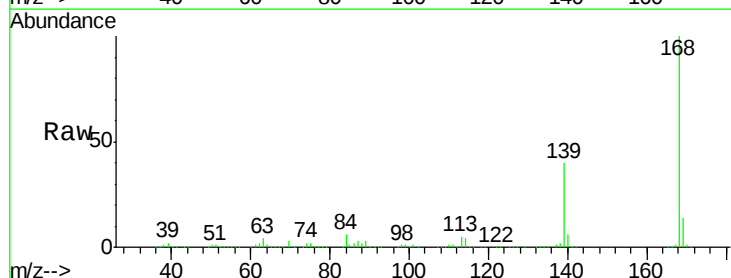


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

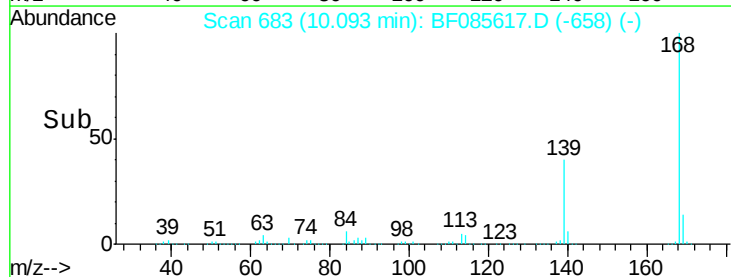
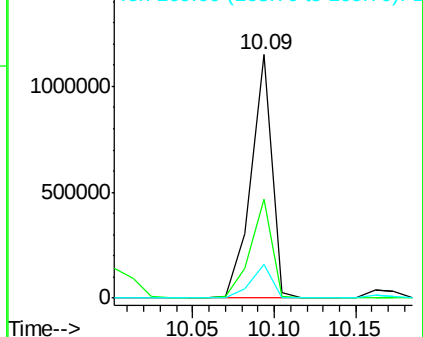


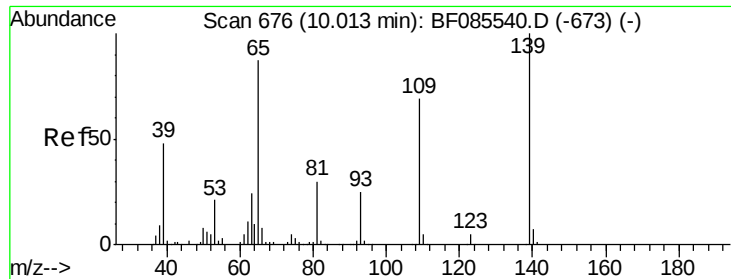
#54
Dibenzofuran
Concen: 40.71 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:168 Resp: 1025148
Ion Ratio Lower Upper
168 100
139 40.5 31.9 47.9
169 13.6 11.0 16.6



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

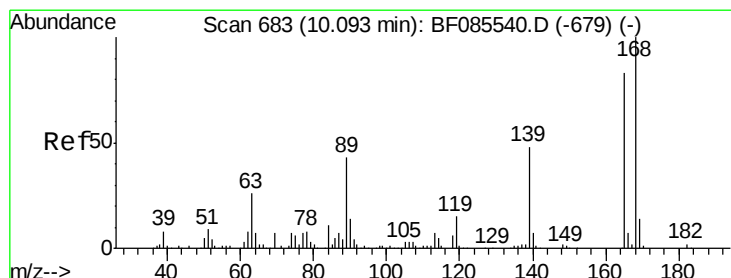
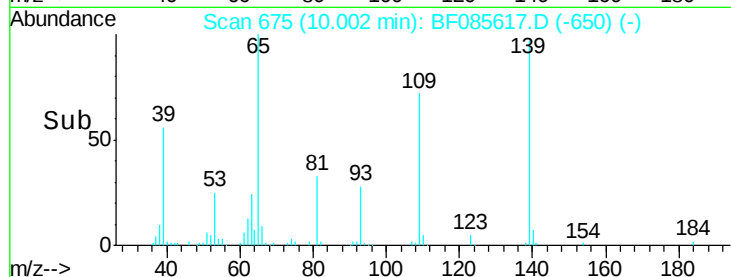
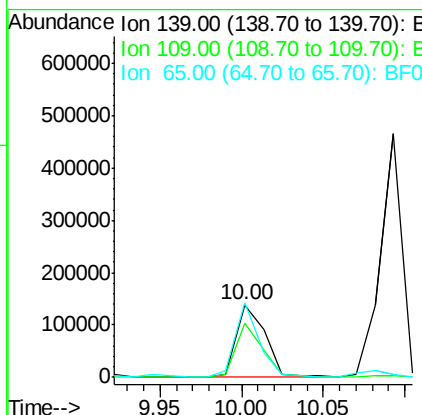
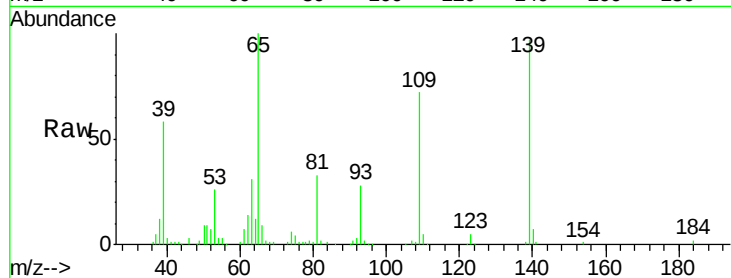




#55
4-Nitrophenol
Concen: 34.54 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

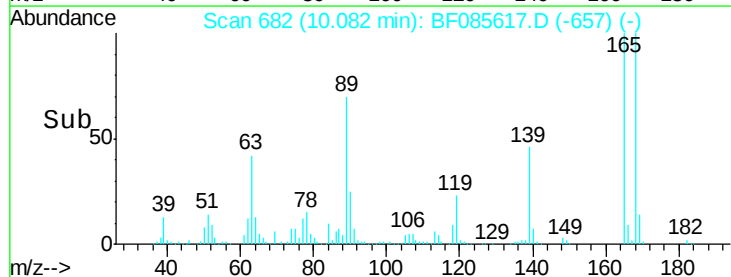
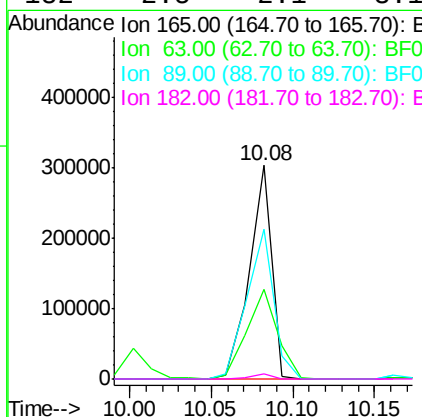
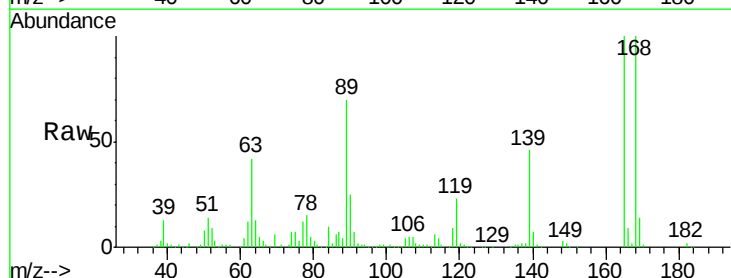
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

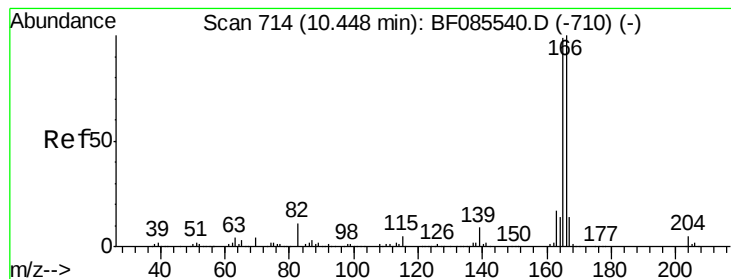
Tgt Ion:139 Resp: 172112
Ion Ratio Lower Upper
139 100
109 74.6 49.2 89.2
65 103.4 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 42.50 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:165 Resp: 286470
Ion Ratio Lower Upper
165 100
63 41.8 24.9 37.3#
89 69.9 41.0 61.6#
182 2.5 2.1 3.1





#57

Fluorene

Concen: 39.97 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

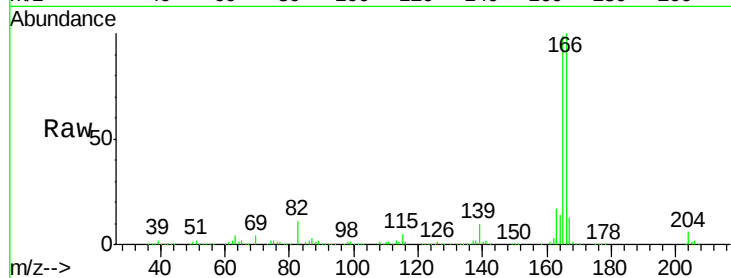
Tgt Ion:166 Resp: 838872

Ion Ratio Lower Upper

166 100

165 98.7 79.4 119.0

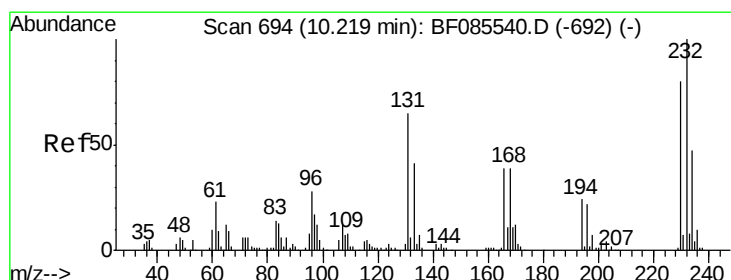
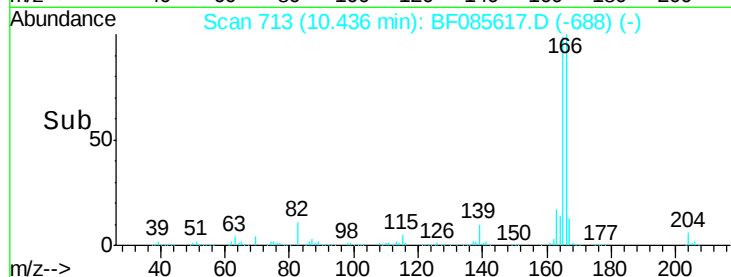
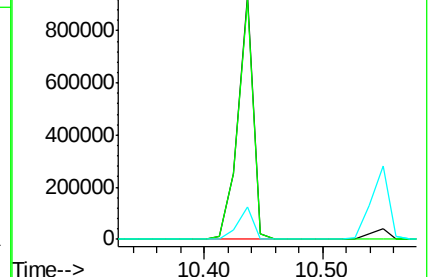
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.77 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Tgt Ion:232 Resp: 185700

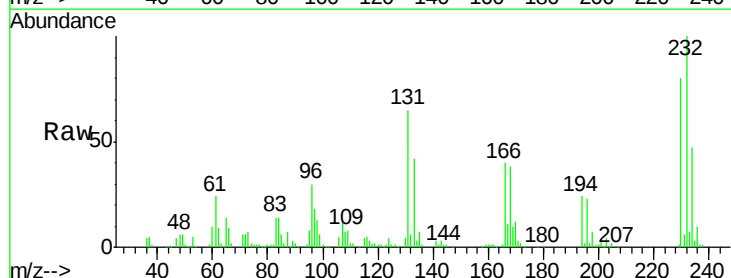
Ion Ratio Lower Upper

232 100

131 53.2 44.9 67.3

130 2.8 2.3 3.5

166 33.6 28.1 42.1

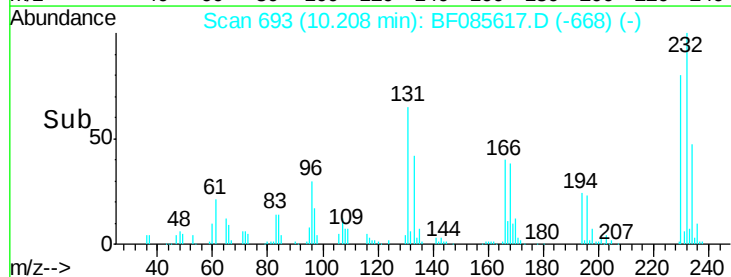
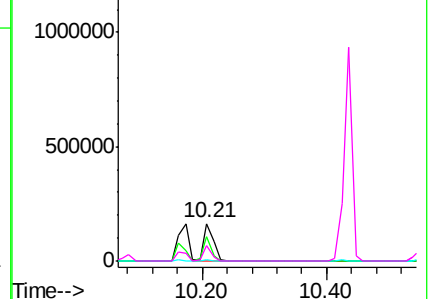


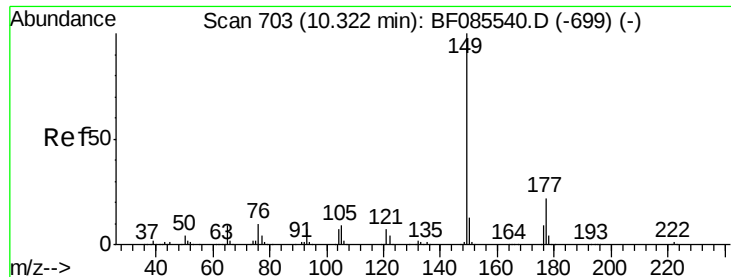
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

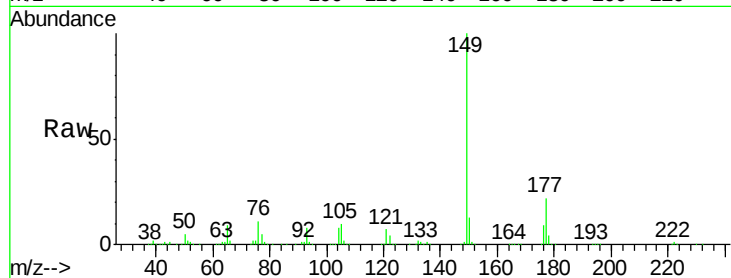




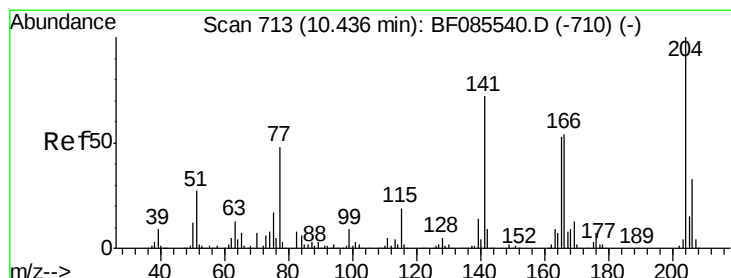
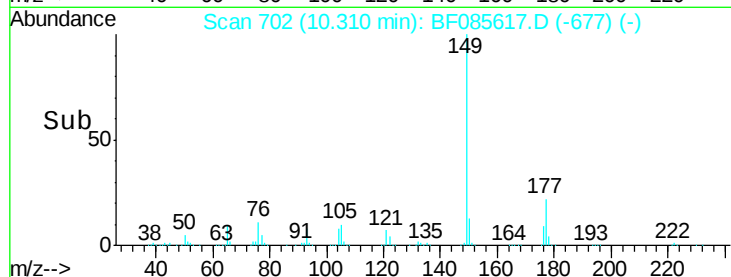
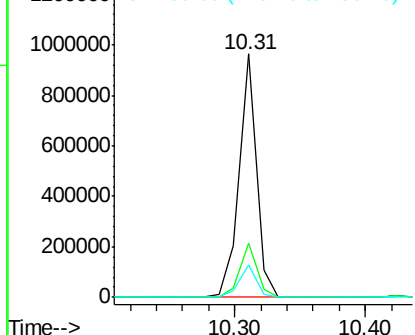
#59
Diethylphthalate
Concen: 36.34 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 881125
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 13.1 10.2 15.2

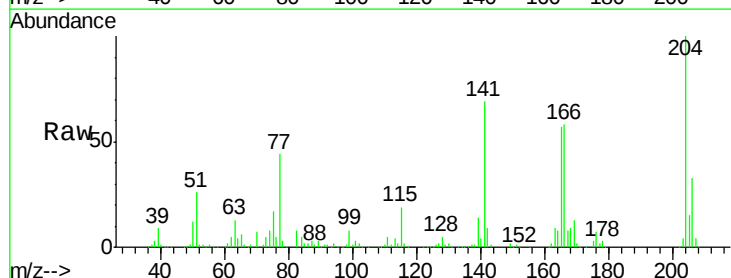


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

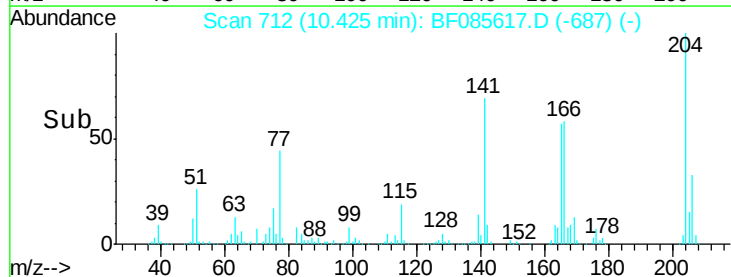
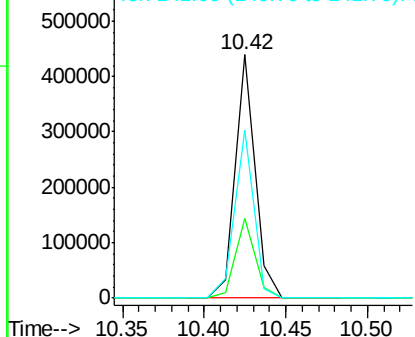


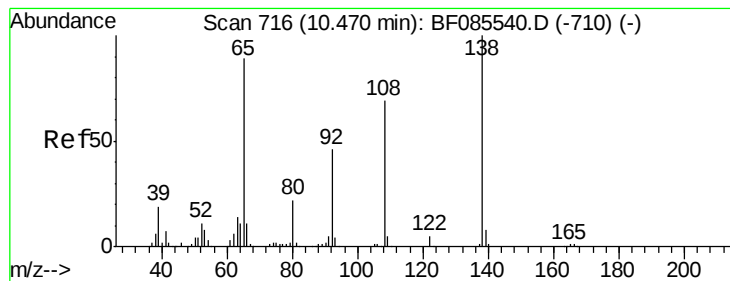
#60
4-Chlorophenyl-phenylether
Concen: 35.54 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:204 Resp: 364282
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 69.2 57.4 86.0



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





#61

4-Nitroaniline

Concen: 36.21 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

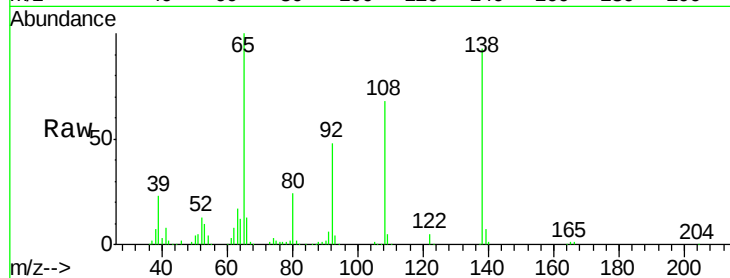
Tgt Ion:138 Resp: 230115

Ion Ratio Lower Upper

138 100

92 51.6 26.4 66.4

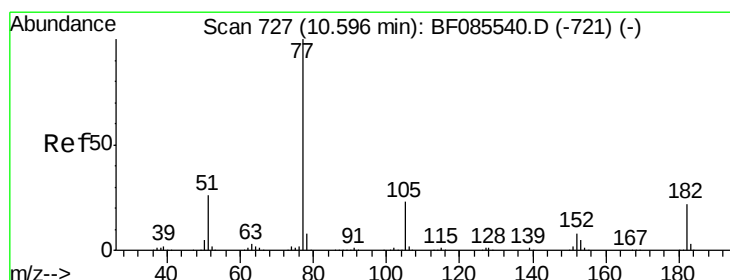
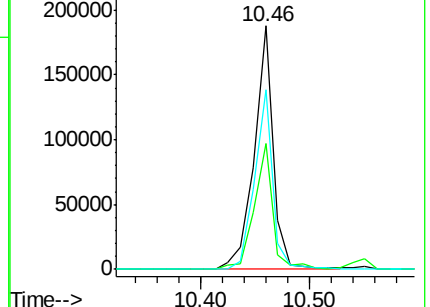
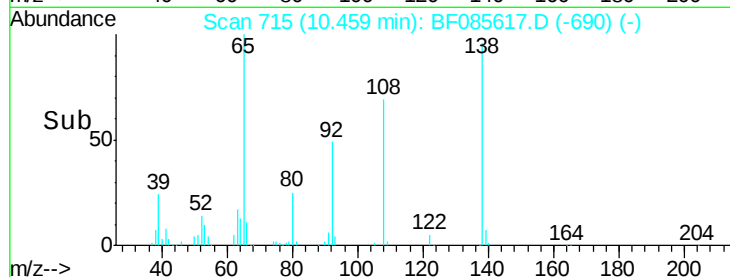
108 73.8 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.78 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Tgt Ion: 77 Resp: 878965

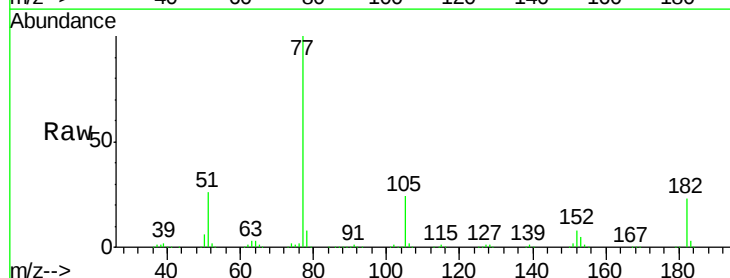
Ion Ratio Lower Upper

77 100

182 22.6 1.9 41.9

105 23.7 3.5 43.5

51 26.4 6.3 46.3

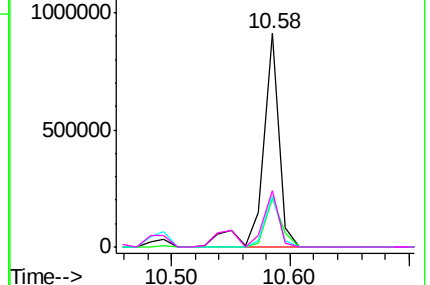
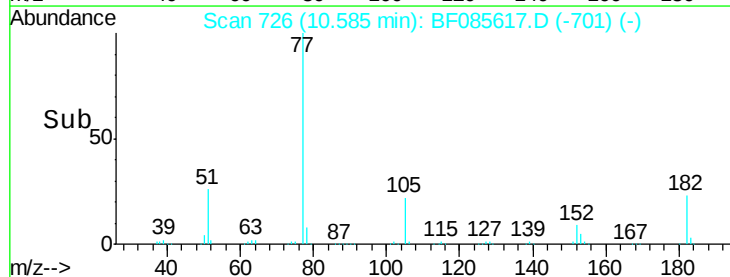


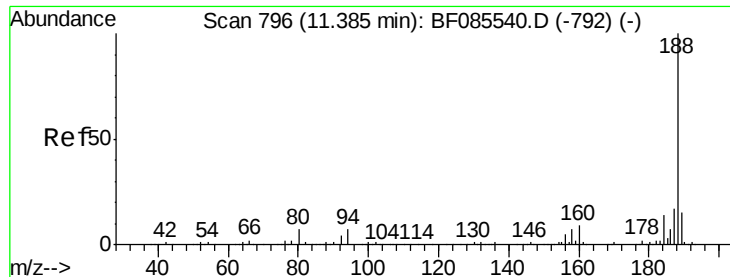
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

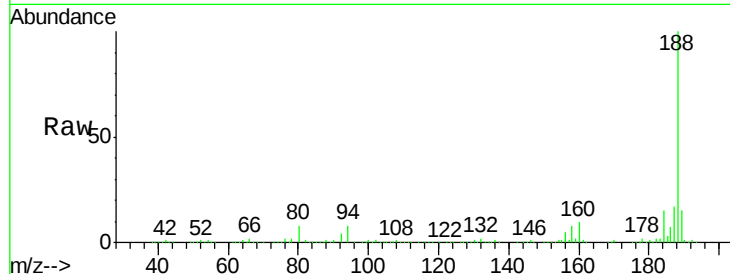




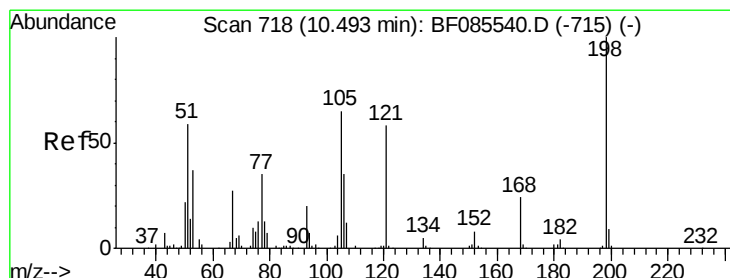
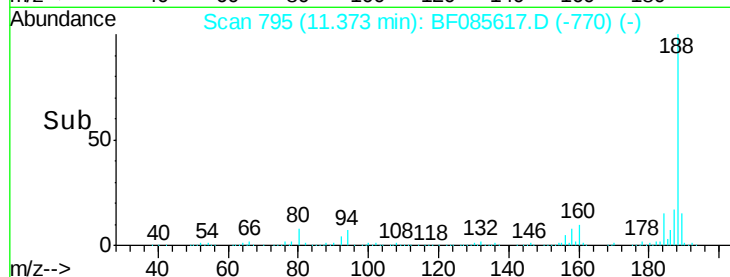
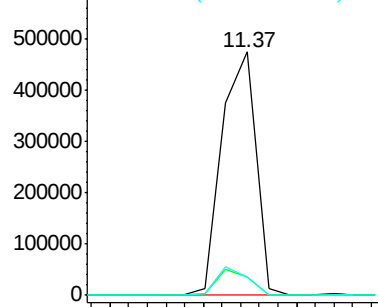
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 606008
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.6 5.5 8.3

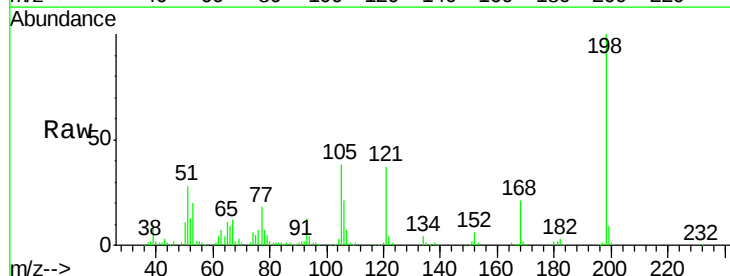


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

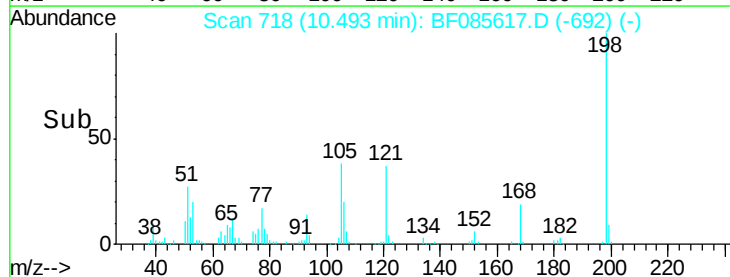
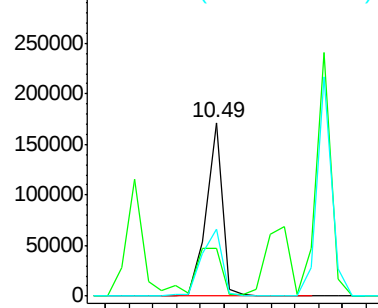


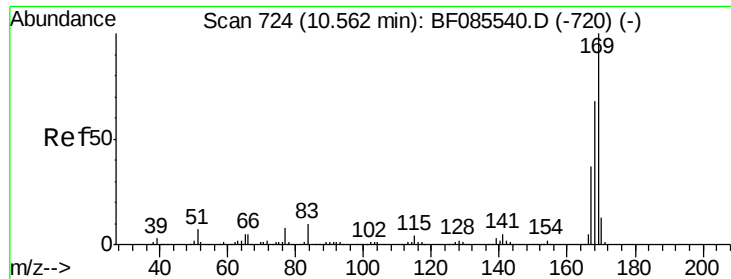
#64
4,6-Dinitro-2-methylphenol
Concen: 41.68 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:198 Resp: 161636
Ion Ratio Lower Upper
198 100
51 27.5 45.4 85.4#
105 38.3 45.9 85.9#



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

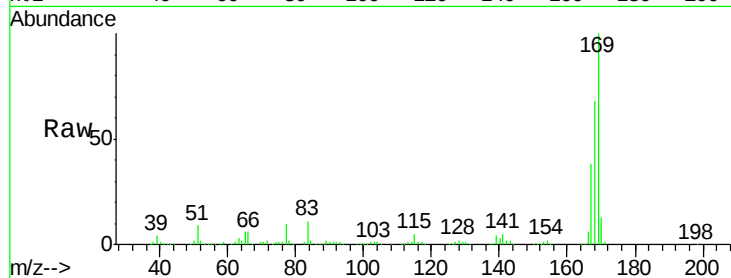




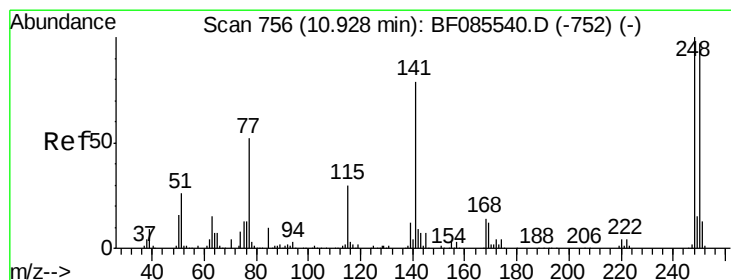
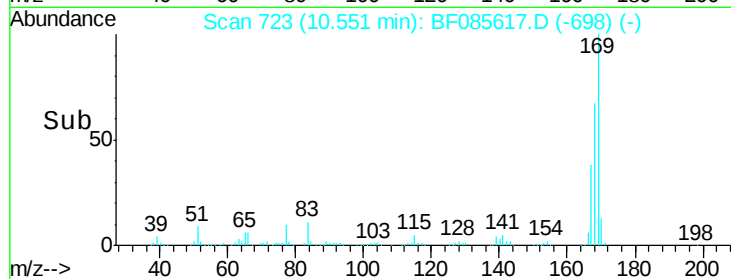
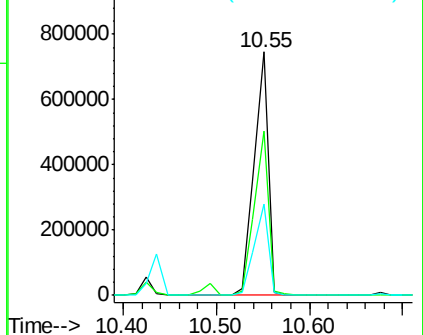
#65
 n-Nitrosodiphenylamine
 Concen: 41.35 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 780629
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 37.7 29.4 44.0

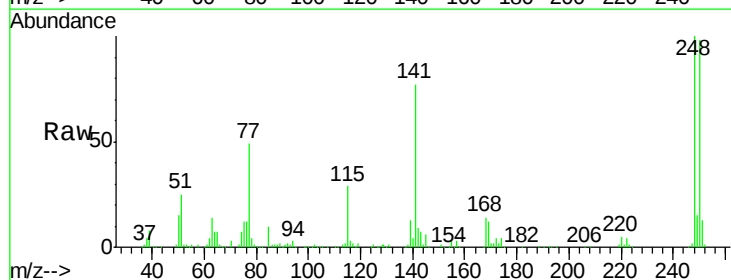


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

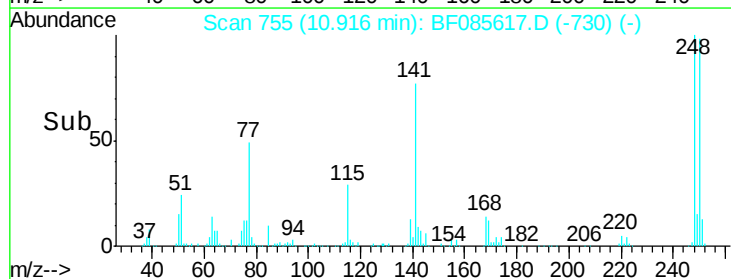
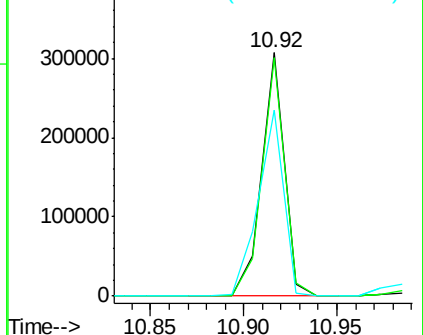


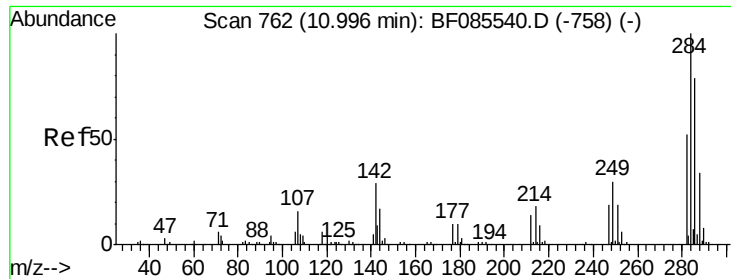
#66
 4-Bromophenyl-phenylether
 Concen: 42.46 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:248 Resp: 257067
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.4 116.0
 141 76.5 63.6 95.4



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

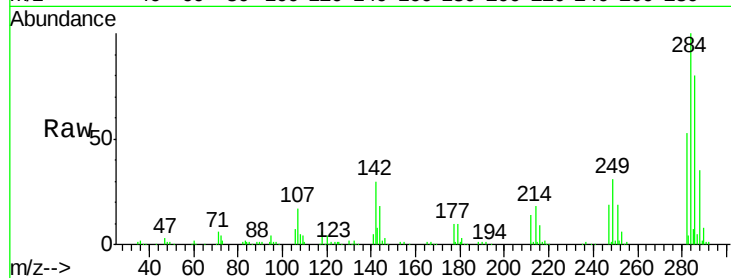




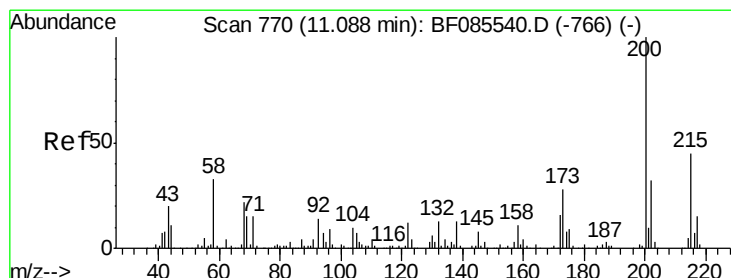
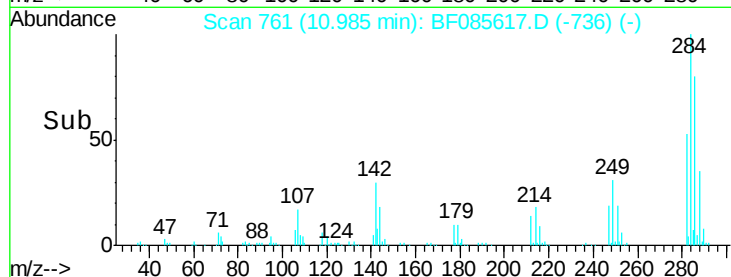
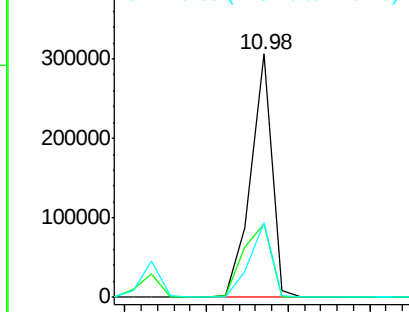
#67
Hexachlorobenzene
Concen: 43.14 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	23.1	34.7
249	30.7	24.2	36.2

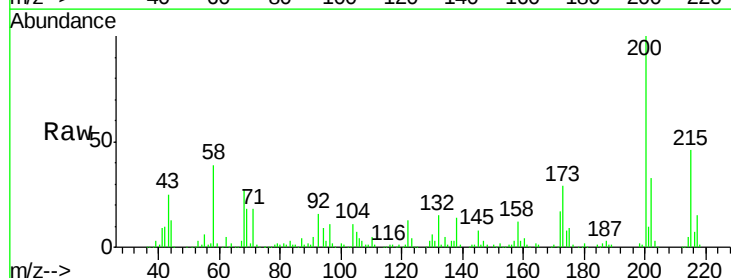


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

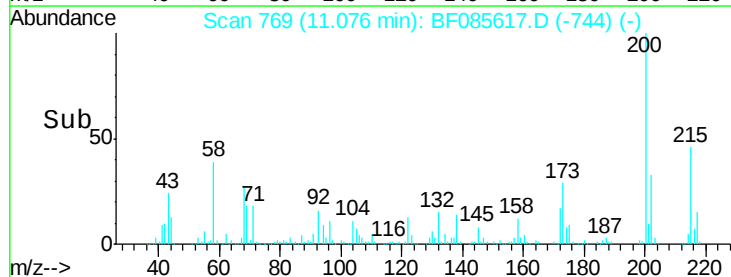
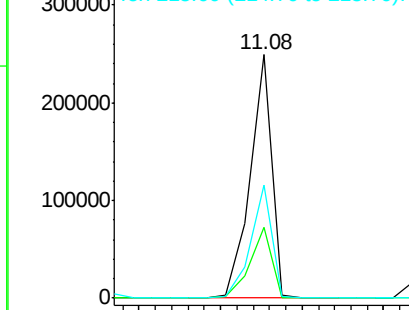


#68
Atrazine
Concen: 39.75 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	7.7	47.7
215	46.5	25.4	65.4



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

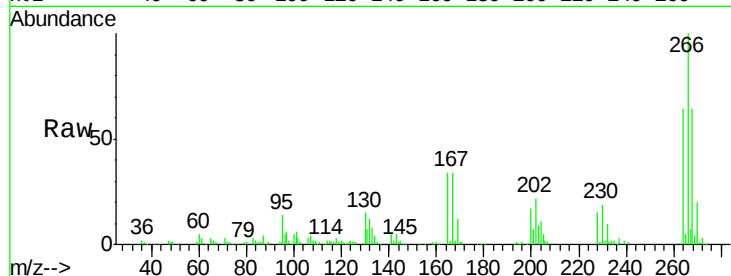




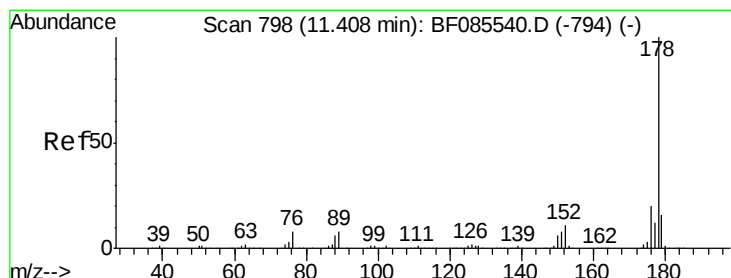
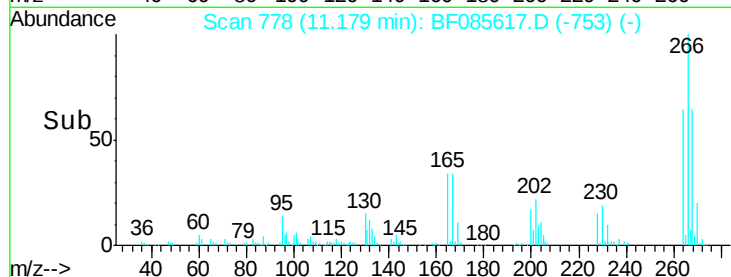
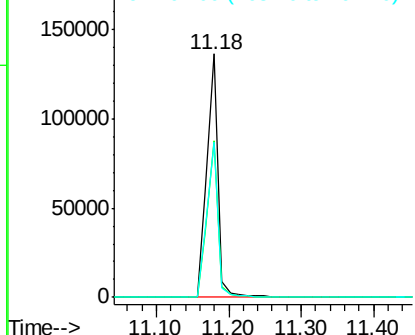
#69
 Pentachlorophenol
 Concen: 37.77 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 147505
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 63.7 50.6 76.0

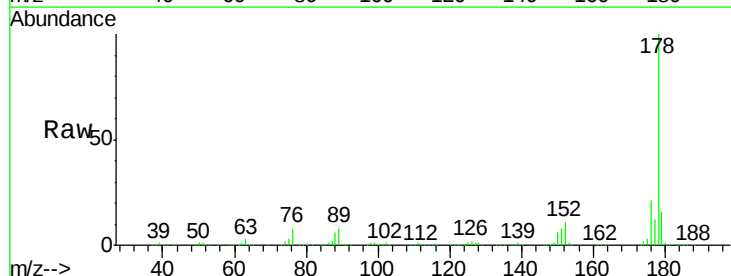


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

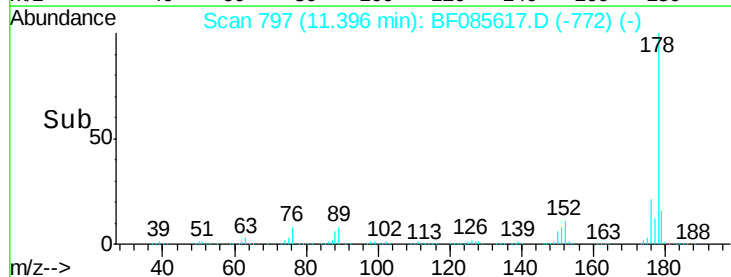
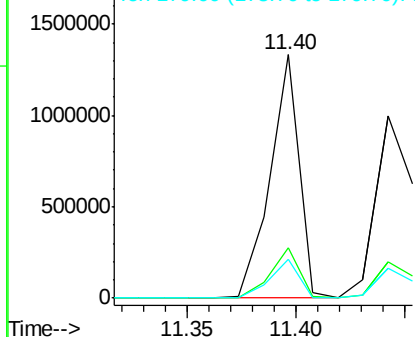


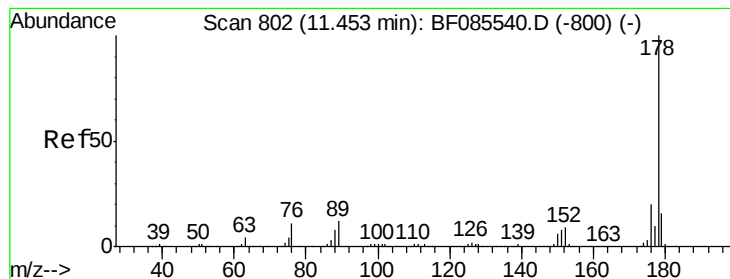
#70
 Phenanthrene
 Concen: 39.21 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:178 Resp: 1252771
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.3 24.5
 179 16.0 12.6 18.8



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





#71

Anthracene

Concen: 35.60 ng

RT: 11.44 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

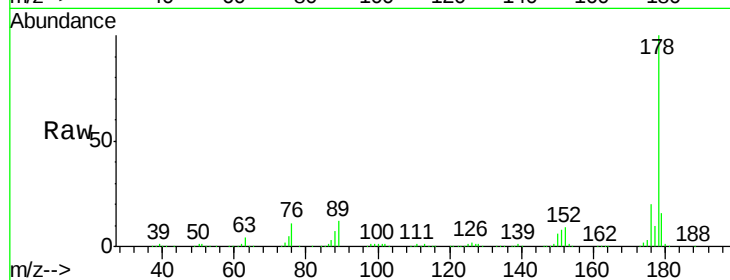
Tgt Ion:178 Resp: 1192821

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

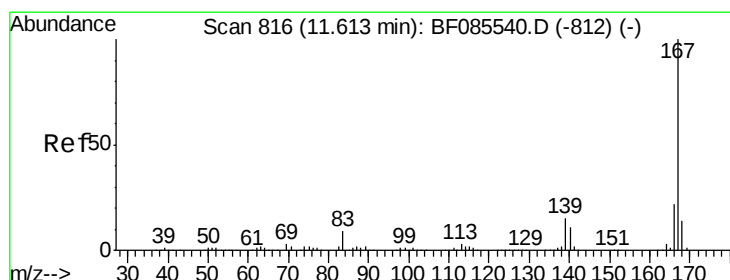
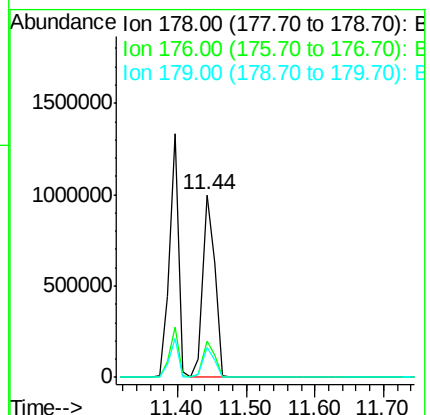
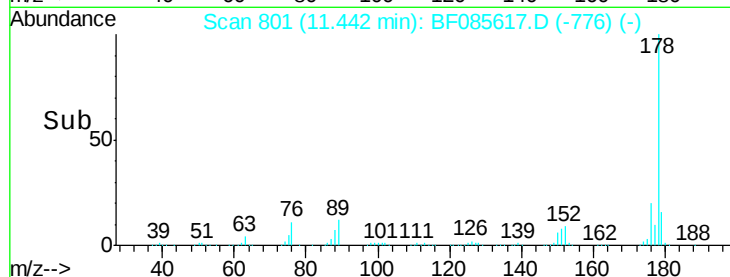
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.91 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

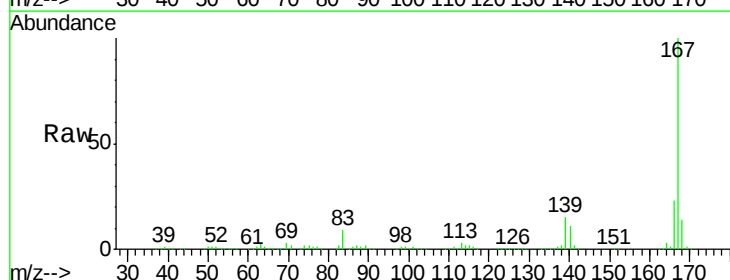
Tgt Ion:167 Resp: 1124718

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

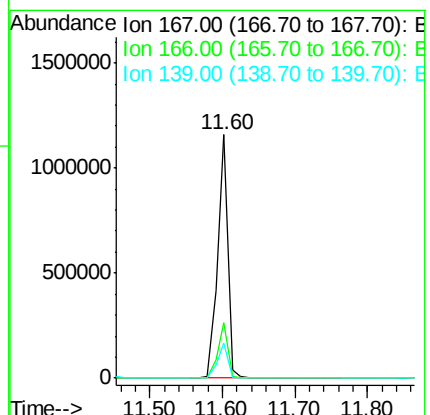
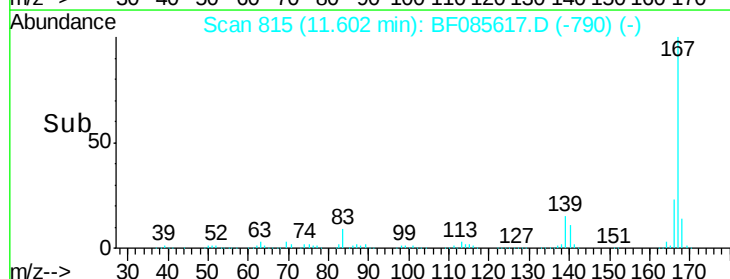
139 14.6 11.6 17.4

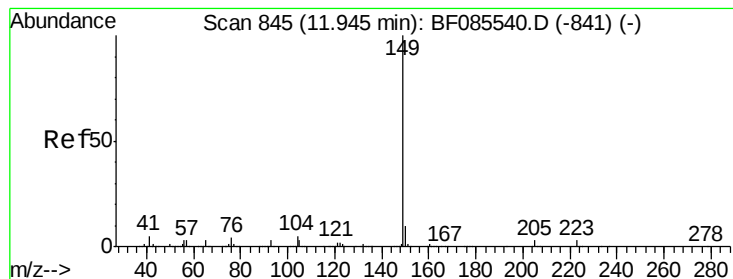


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.39 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

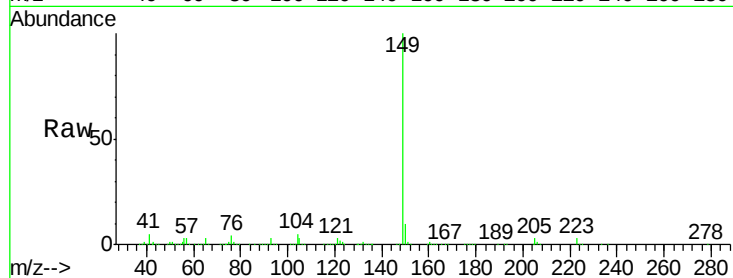
Tgt Ion:149 Resp: 1461976

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

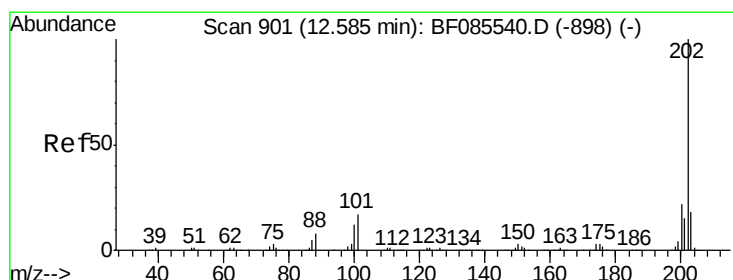
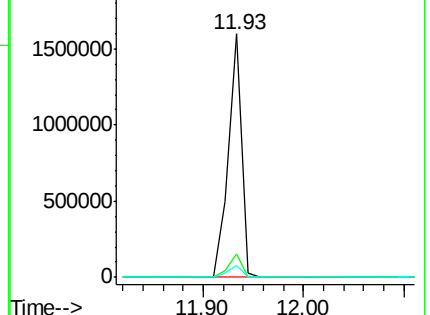
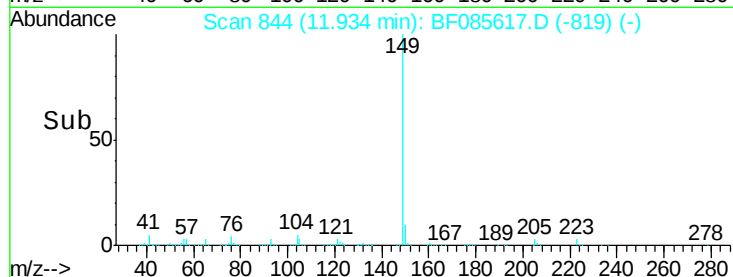
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.63 ng

RT: 12.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

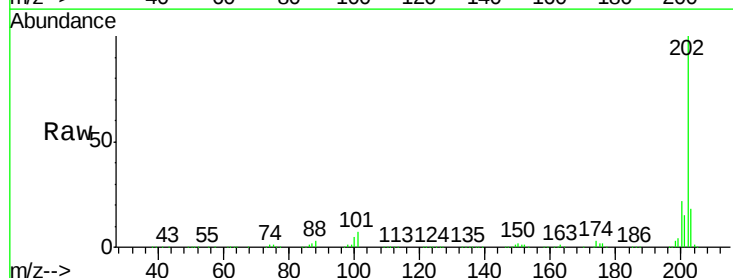
Tgt Ion:202 Resp: 1259052

Ion Ratio Lower Upper

202 100

101 7.2 0.0 36.6

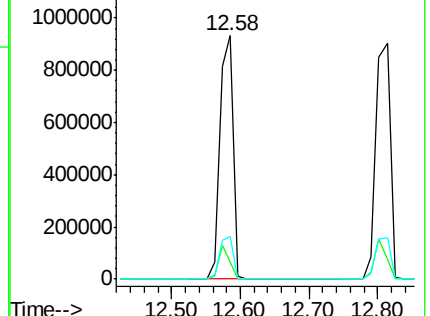
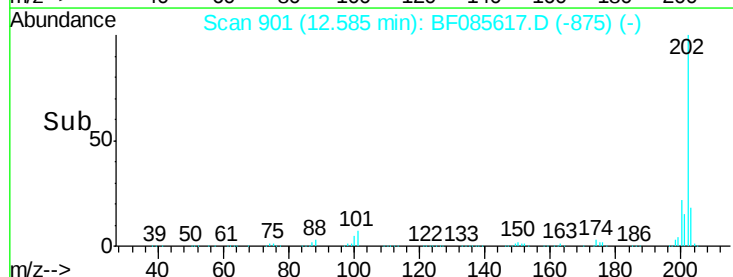
203 17.6 0.0 38.1

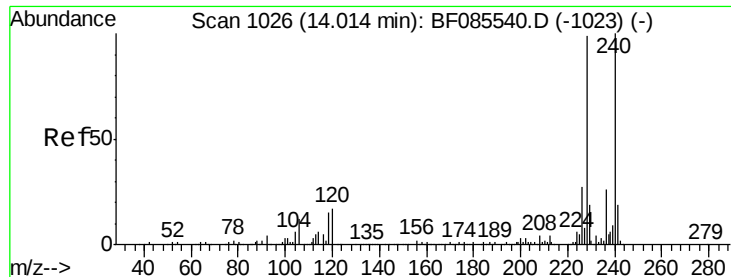


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

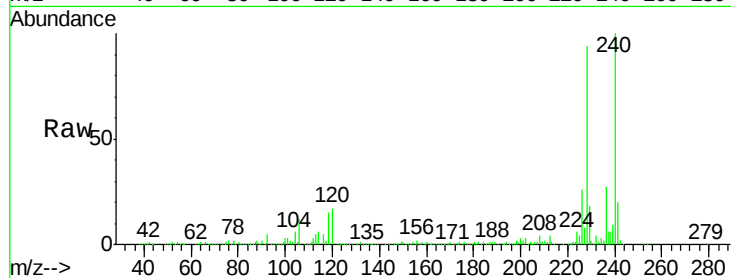
Tgt Ion:240 Resp: 387991

Ion Ratio Lower Upper

240 100

120 16.9 13.8 20.8

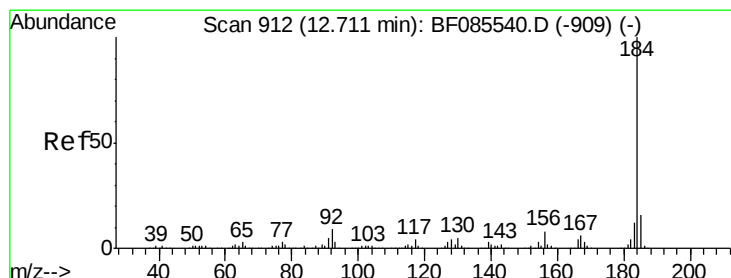
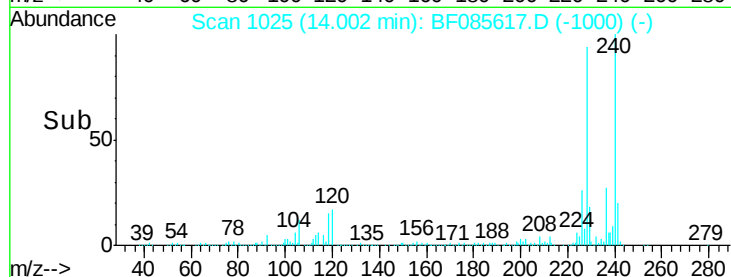
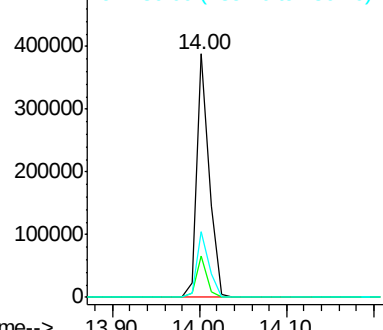
236 26.9 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.06 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

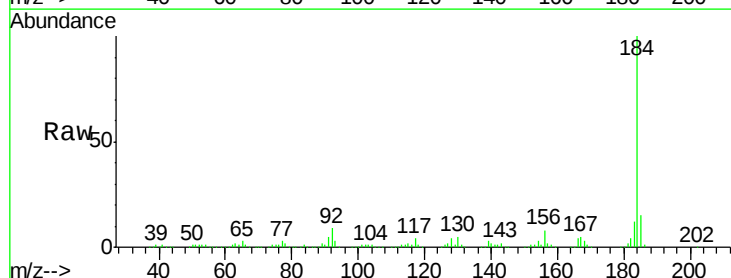
Tgt Ion:184 Resp: 457503

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

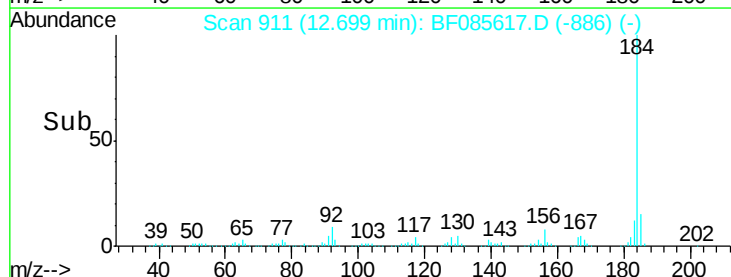
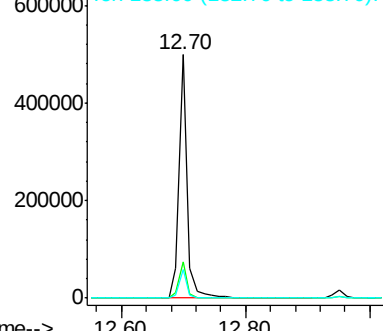
183 11.5 9.4 14.2

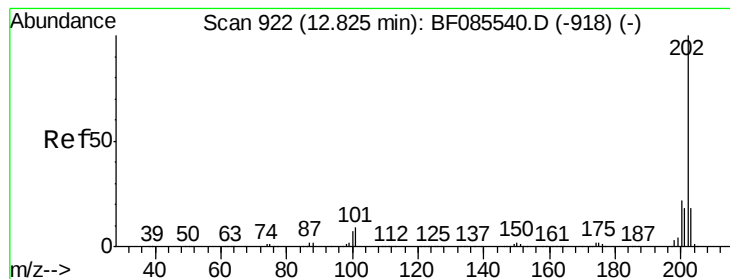


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.74 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

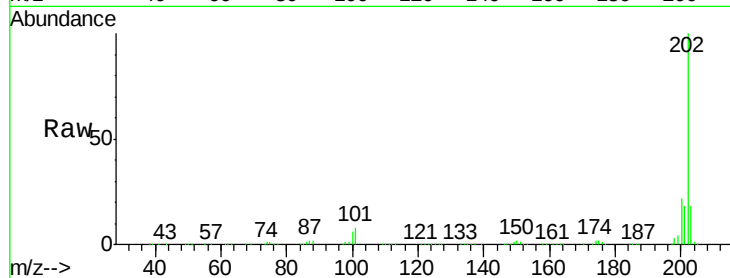
Tgt Ion:202 Resp: 1274293

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

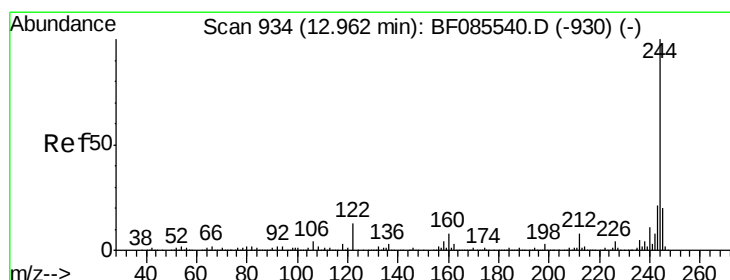
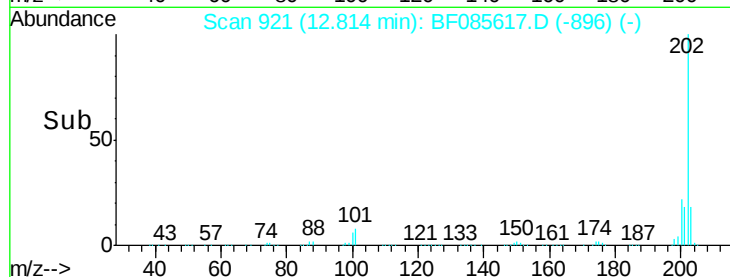
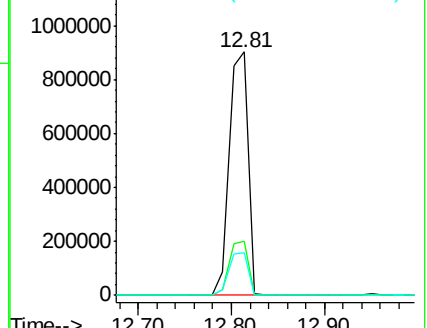
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.02 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

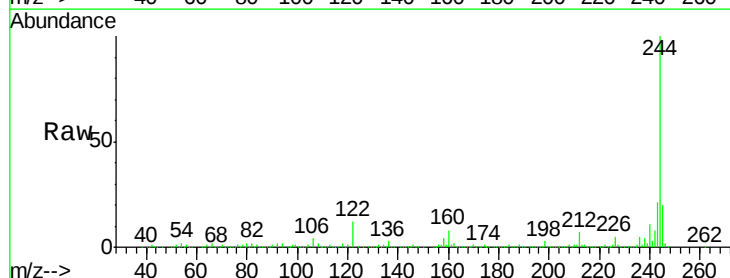
Tgt Ion:244 Resp: 1338612

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

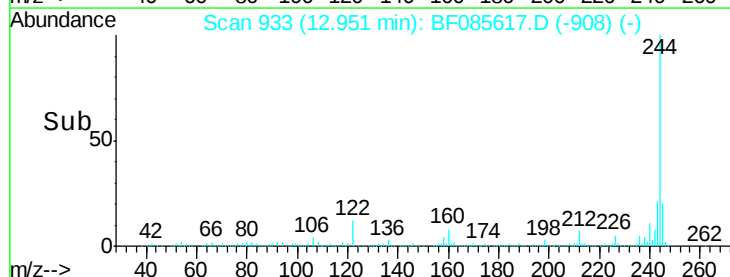
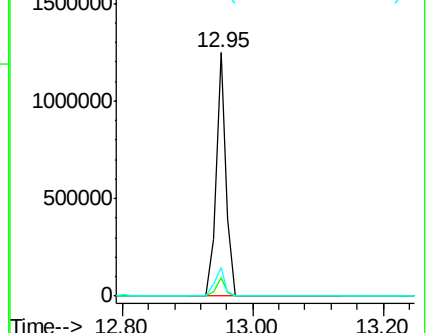
122 11.9 10.2 15.4

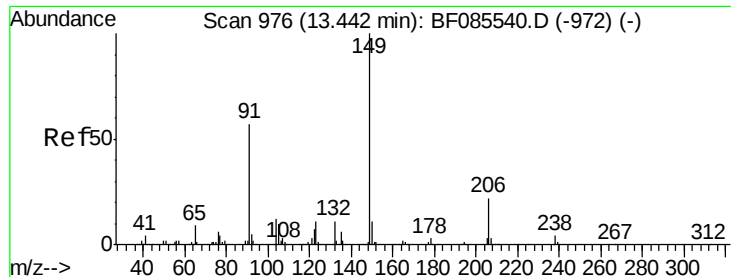


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

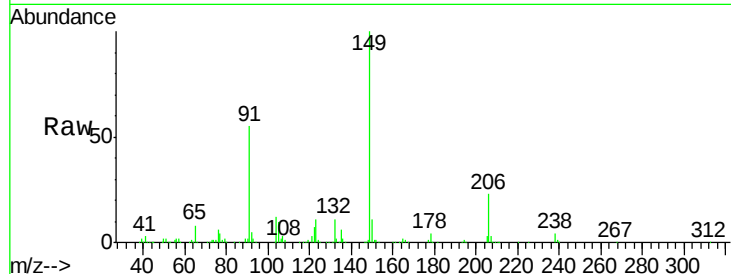




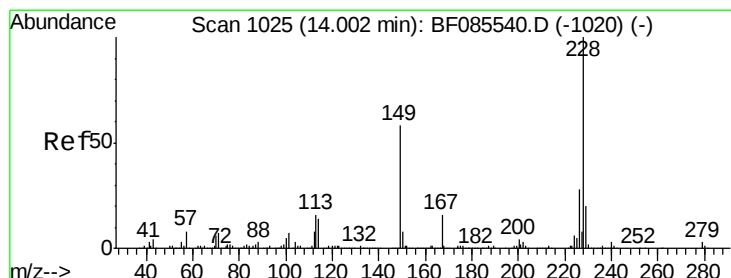
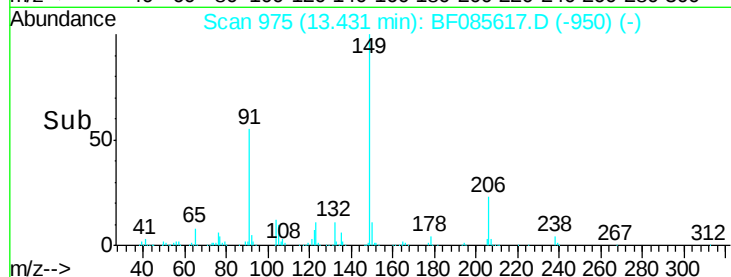
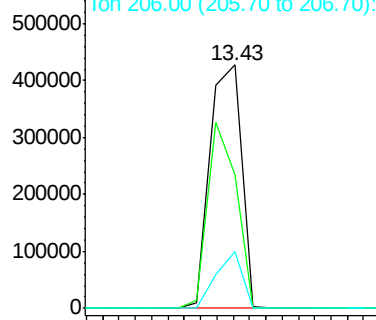
#79
Butylbenzylphthalate
Concen: 43.07 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 571950
Ion Ratio Lower Upper
149 100
91 54.6 45.8 68.8
206 23.3 17.8 26.8

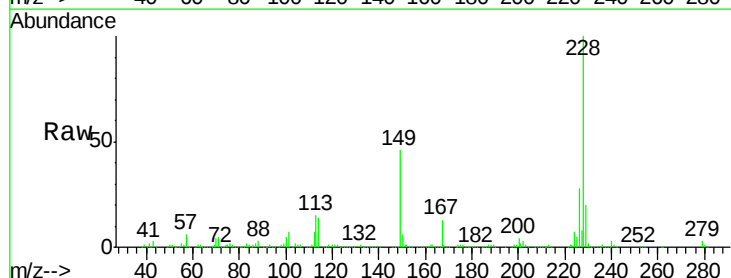


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

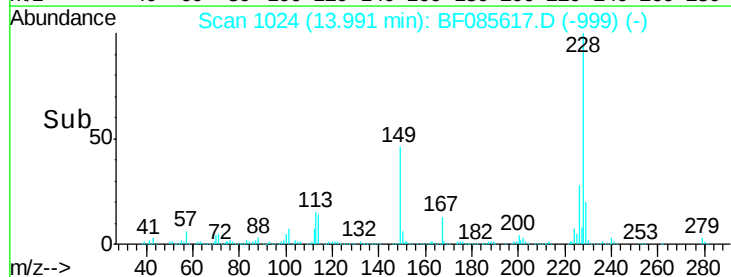
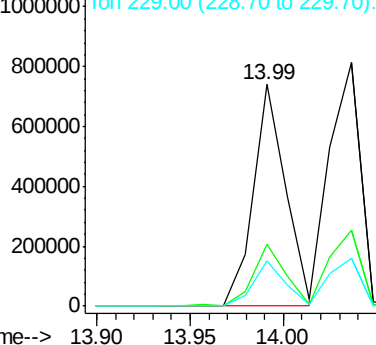


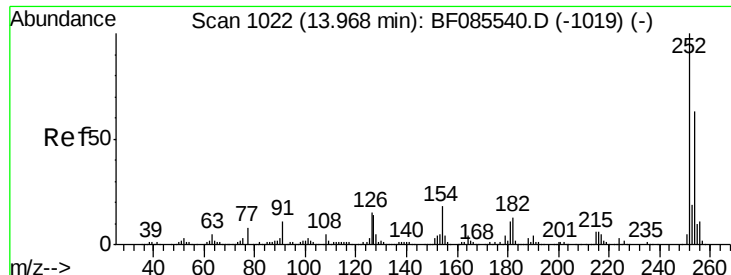
#80
Benzo(a)anthracene
Concen: 39.76 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:228 Resp: 895579
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.2 16.2 24.4



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

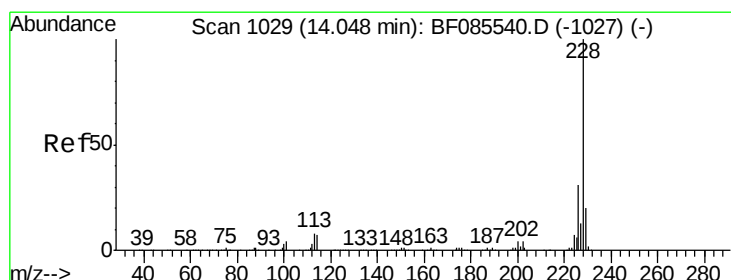
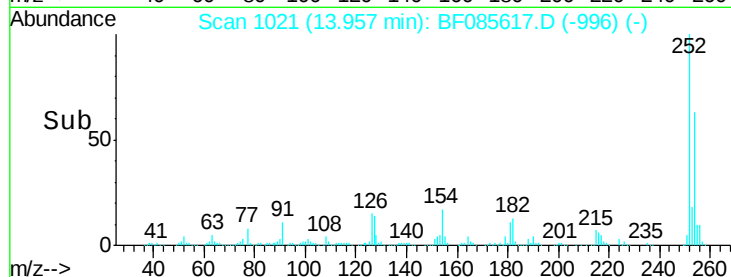
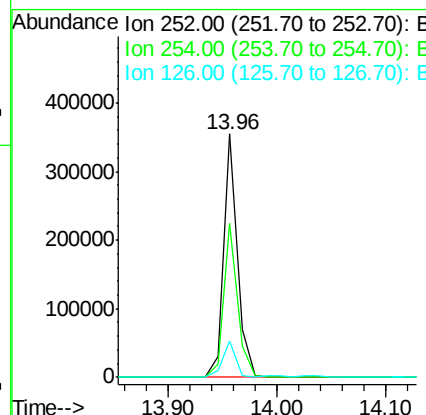
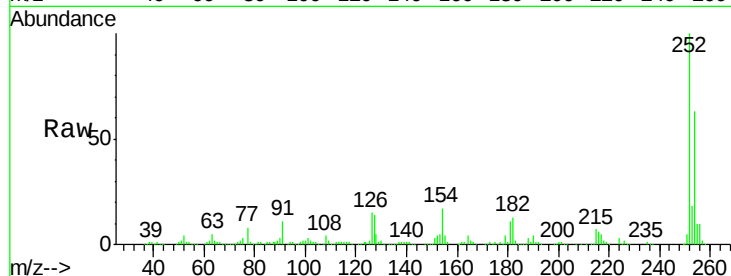




#81
 3,3'-Dichlorobenzidine
 Concen: 38.38 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

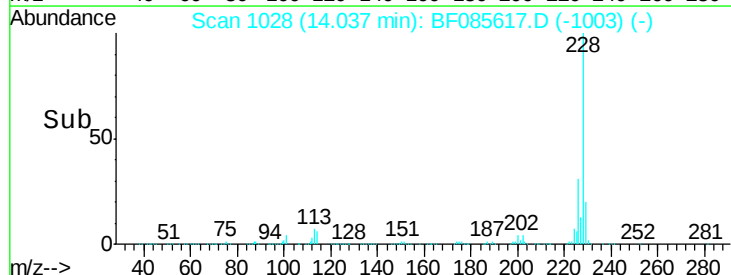
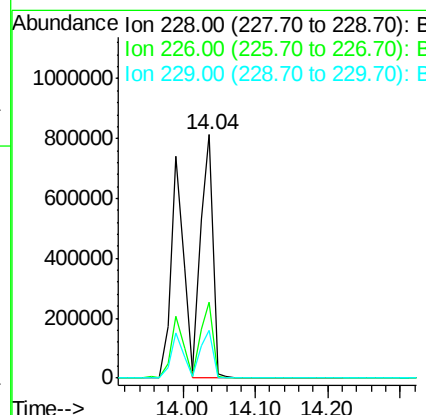
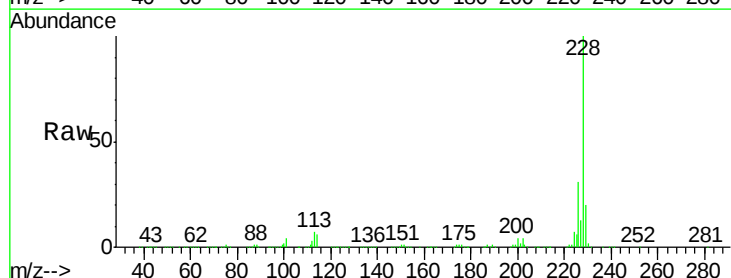
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

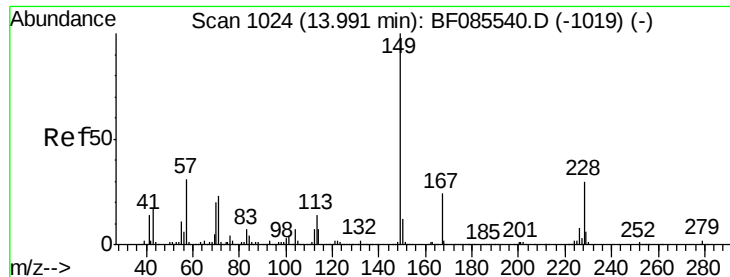
Tgt Ion:252 Resp: 316802
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 14.7 11.8 17.6



#82
 Chrysene
 Concen: 43.66 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:228 Resp: 946124
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.8 15.7 23.5

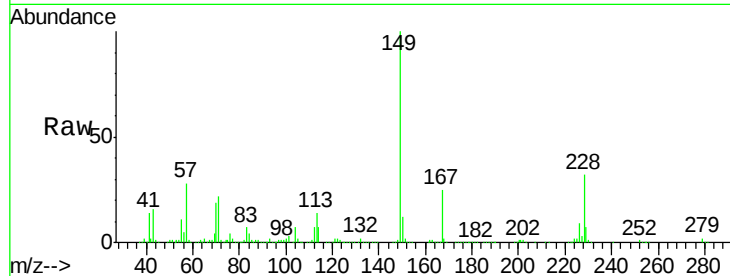




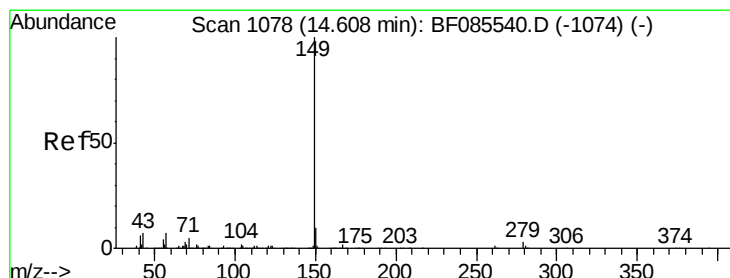
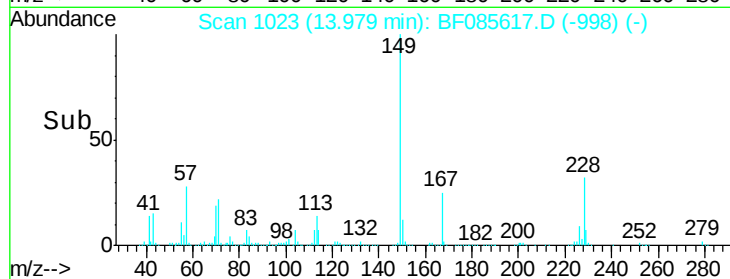
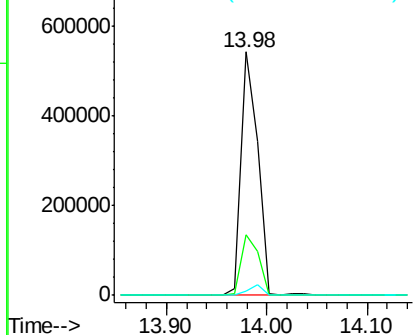
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.96 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 626205
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.4 29.2
 279 1.9 1.5 2.3

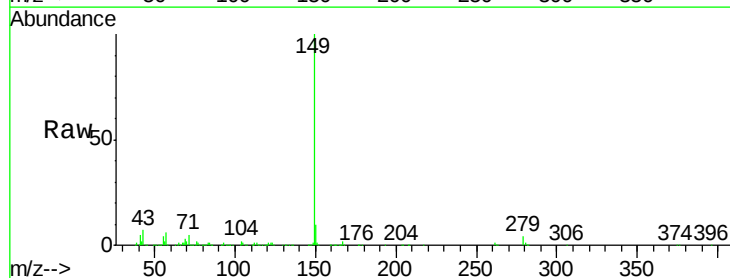


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

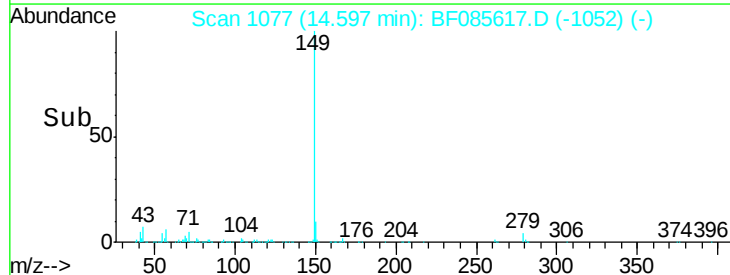
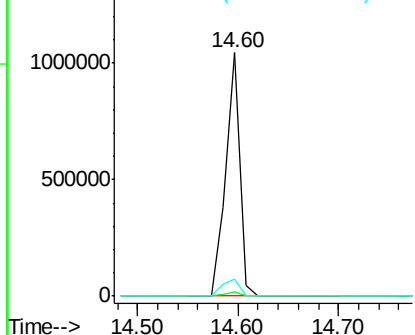


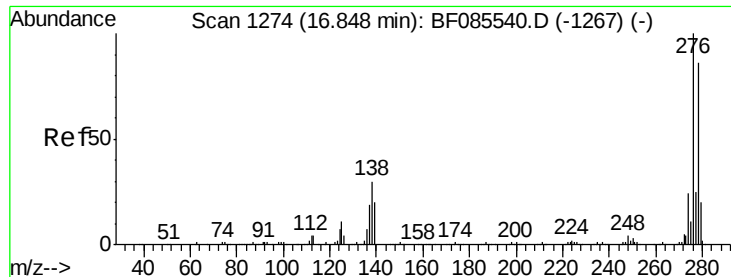
#84
 Di-n-octyl phthalate
 Concen: 37.92 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion:149 Resp: 1019452
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.7 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

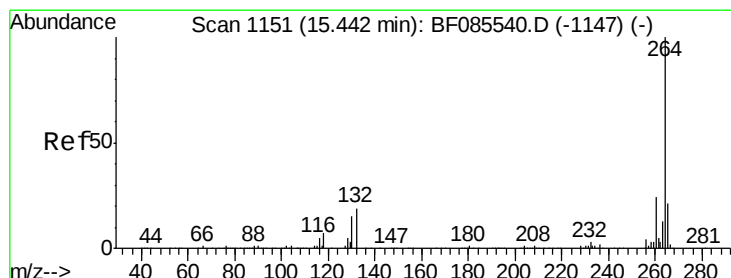
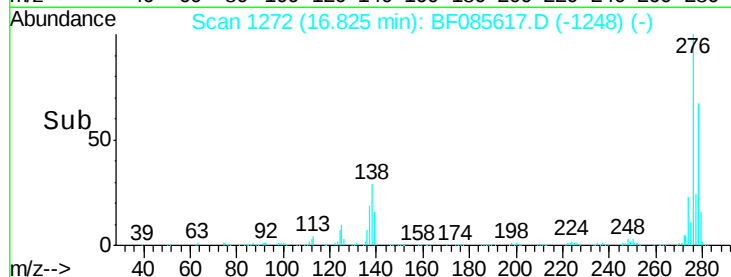
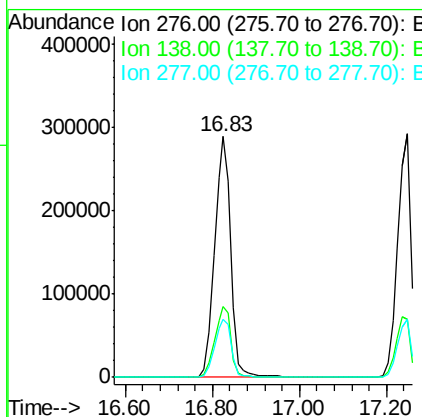
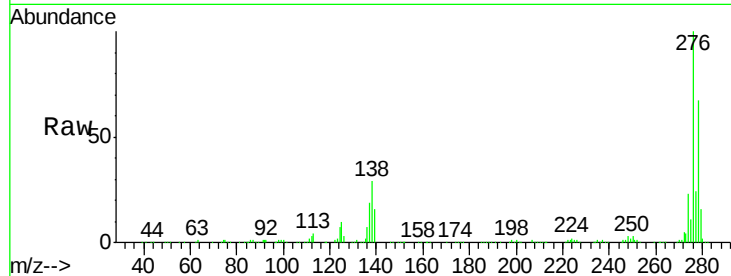




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.03 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

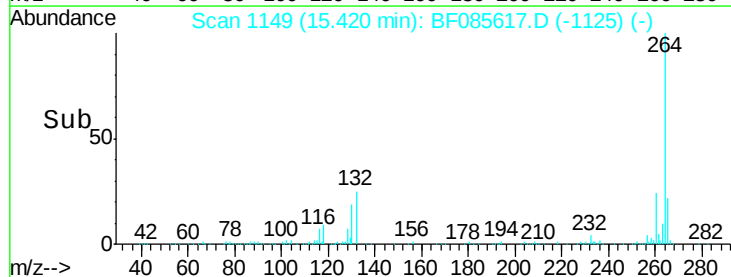
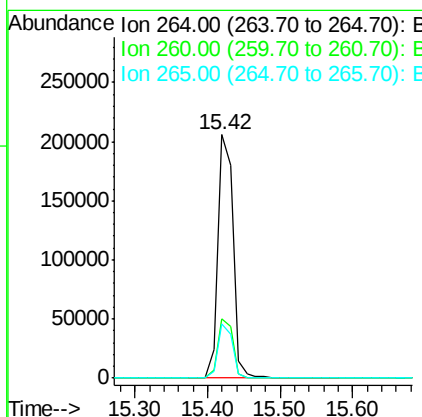
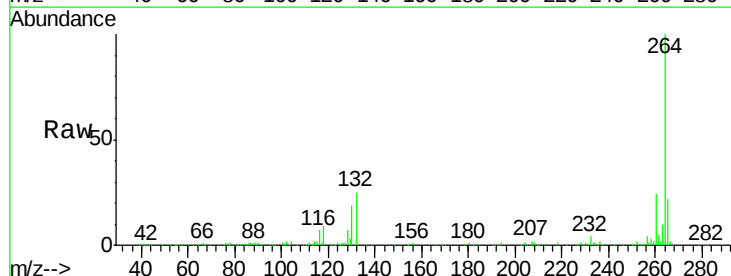
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

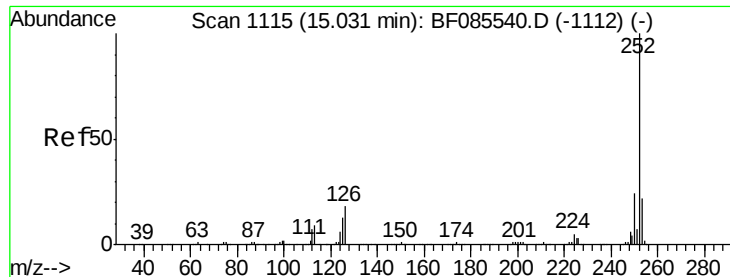
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085617.D
 Acq: 21 Mar 2016 12:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.0	17.2	25.8

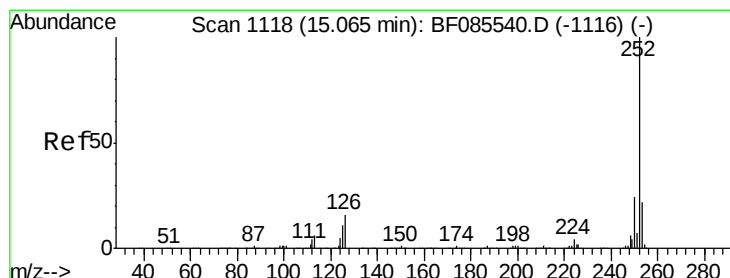
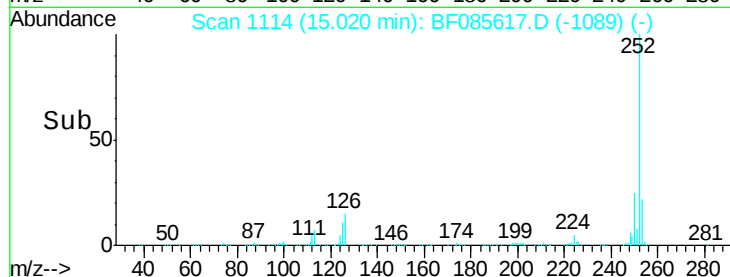
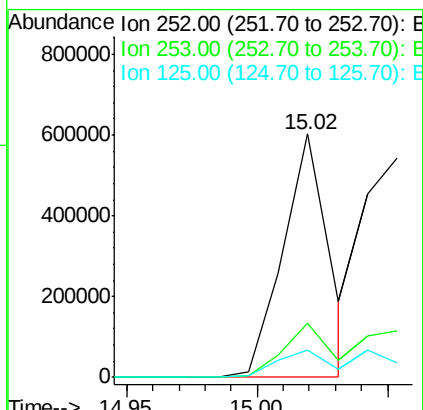
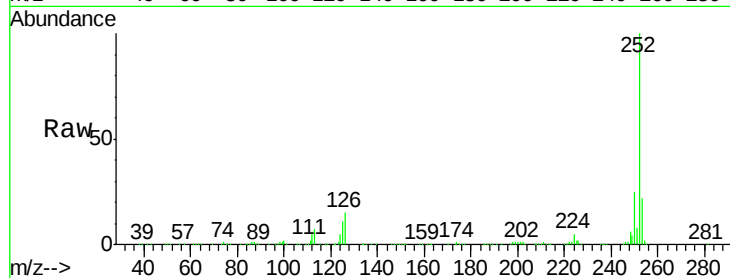




#87
Benzo(b)fluoranthene
Concen: 37.32 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

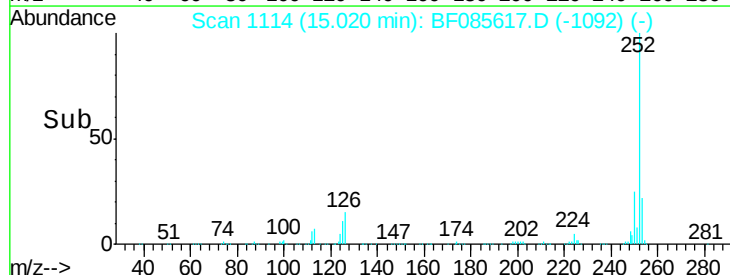
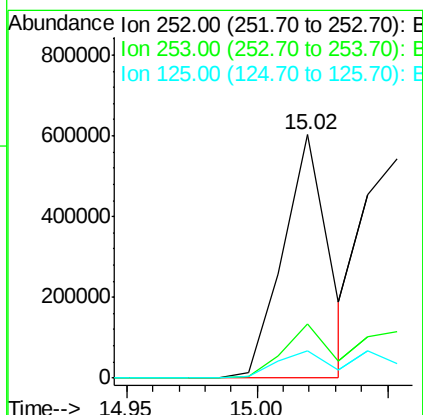
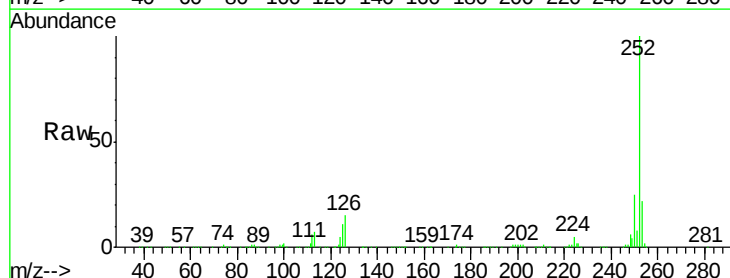
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

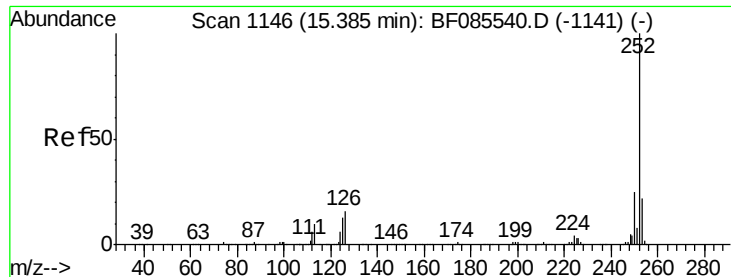
Tgt Ion:252 Resp: 728375
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.2 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 45.30 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF085617.D
Acq: 21 Mar 2016 12:48

Tgt Ion:252 Resp: 728375
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.2 7.7 11.5





#89

Benzo(a)pyrene

Concen: 40.57 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

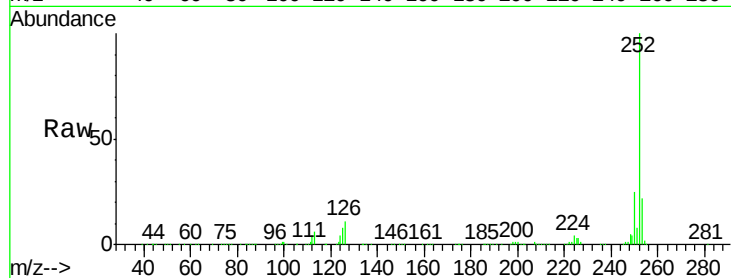
Tgt Ion:252 Resp: 671233

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

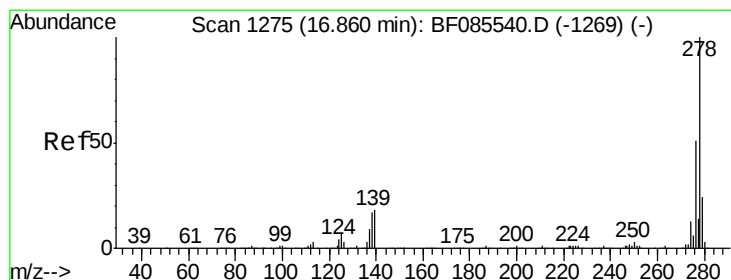
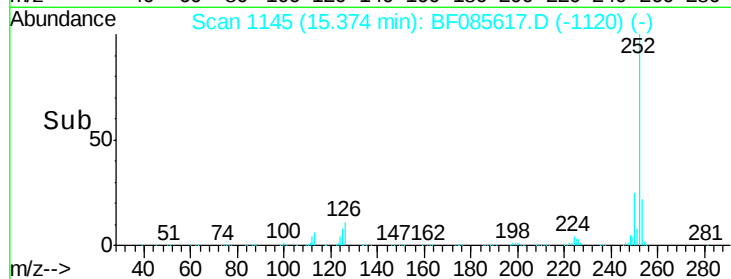
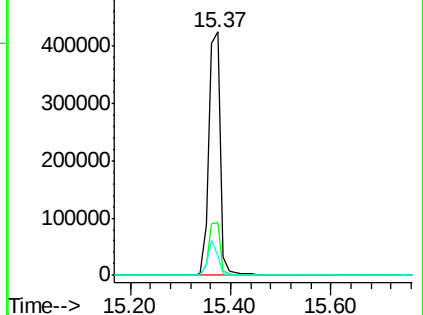
125 8.3 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.48 ng

RT: 16.84 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF085617.D

Acq: 21 Mar 2016 12:48

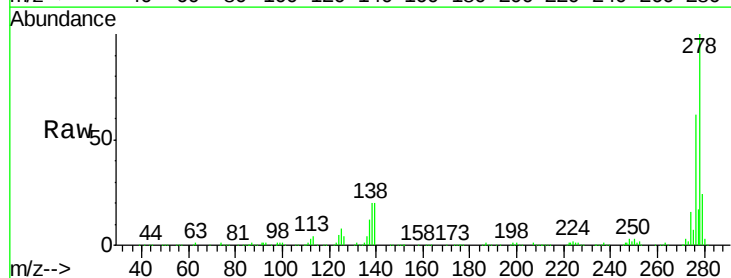
Tgt Ion:278 Resp: 627583

Ion Ratio Lower Upper

278 100

139 19.5 14.4 21.6

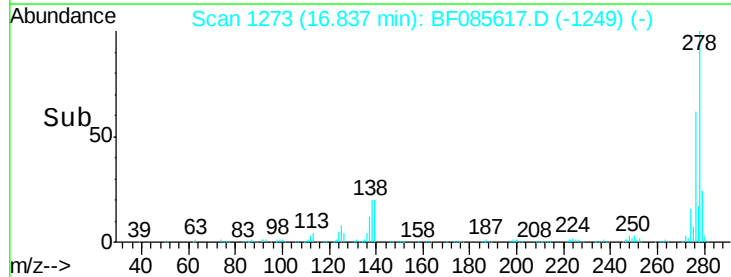
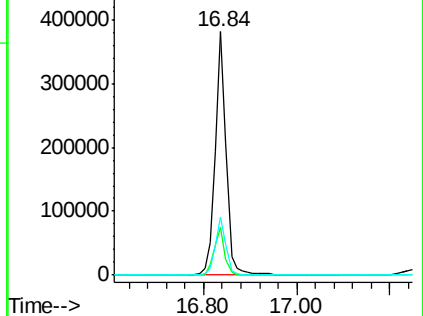
279 24.1 19.1 28.7

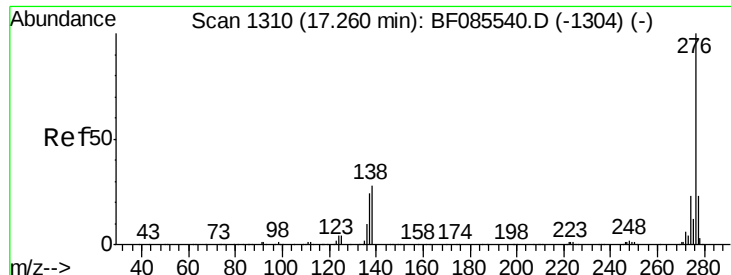


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.38 ng

RT: 17.25 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF085617.D

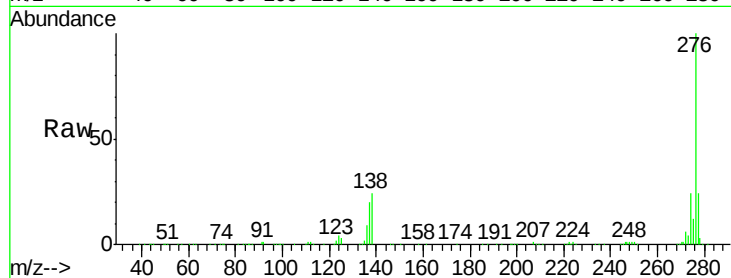
Acq: 21 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 276 Resp: 646130

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 23.6 22.6 34.0

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

