

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085698.D
 Acq On : 23 Mar 2016 10:51
 Operator : UM/SJ
 Sample : H1857-17MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:36:55 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	6.84	152	131640	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	522094	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	246228	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	386356	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	233738	20.00	ng	-0.02
86) Perylene-d12	15.41	264	221544	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1027241	131.07	ng	-0.01
7) Phenol-d6	6.48	99	1370681	136.36	ng	-0.01
23) Nitrobenzene-d5	7.41	82	922188	102.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	300032	124.39	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1340506	95.96	ng	-0.02
78) Terphenyl-d14	12.94	244	888045	91.43	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	126462	33.19	ng	99
3) Pyridine	3.20	79	368081	39.35	ng	99
4) n-Nitrosodimethylamine	3.16	42	164157	42.03	ng	100
6) Aniline	6.49	93	150963	11.18	ng	# 1
8) 2-Chlorophenol	6.62	128	379462	41.85	ng	91
9) Benzaldehyde	6.38	77	61252	9.96	ng	96
10) Phenol	6.49	94	528270	46.14	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	542360	62.84	ng	97
12) 1,3-Dichlorobenzene	6.78	146	399547	40.44	ng	99
13) 1,4-Dichlorobenzene	6.85	146	384925	38.20	ng	99
14) 1,2-Dichlorobenzene	7.01	146	392006	43.81	ng	99
15) Benzyl Alcohol	6.98	79	322862	46.89	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	476107	41.95	ng	83
17) 2-Methylphenol	7.10	107	339266	45.14	ng	99
18) Hexachloroethane	7.35	117	137274	37.73	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	280874	46.78	ng	97
20) 3+4-Methylphenols	7.25	107	401524	46.13	ng	# 87
22) Acetophenone	7.25	105	507643	40.97	ng	97
24) Nitrobenzene	7.42	77	372189	37.80	ng	99
25) Isophorone	7.66	82	777251	43.16	ng	99
26) 2-Nitrophenol	7.74	139	224608	46.16	ng	99
27) 2,4-Dimethylphenol	7.78	122	403575	46.90	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	514993	50.28	ng	99
29) 2,4-Dichlorophenol	7.98	162	315174	44.36	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	323736	40.67	ng	99
31) Naphthalene	8.14	128	1127102	42.77	ng	100
32) Benzoic acid	7.78	122	403575	56.09	ng	# 11
33) 4-Chloroaniline	8.21	127	215811	19.98	ng	96
34) Hexachlorobutadiene	8.26	225	169703	40.01	ng	99
35) Caprolactam	8.57	113	74911	30.64	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	382725	46.12	ng	91
37) 2-Methylnaphthalene	8.84	142	779544	48.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	283663	37.98	ng	99
40) Hexachlorocyclopentadiene	8.98	237	64711	19.22	ng	98

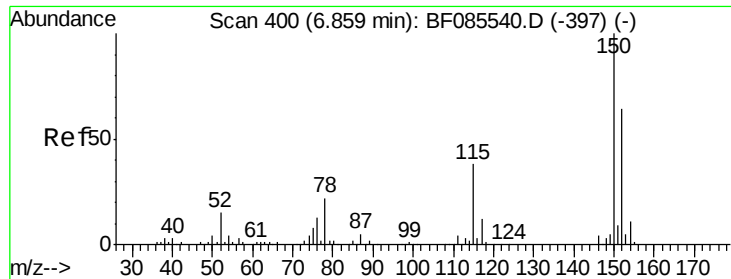
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	210409	41.15	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	219992	42.28	nq	# 81
45) 1,1'-Biphenyl	9.29	154	790108	37.20	nq	100
46) 2-Chloronaphthalene	9.33	162	666866	42.98	nq	98
47) 2-Nitroaniline	9.42	65	200797	42.78	nq	93
48) Acenaphthylene	9.74	152	1063533	42.35	nq	100
49) Dimethylphthalate	9.60	163	989075	53.23	nq	99
50) 2,6-Dinitrotoluene	9.67	165	173165	44.15	nq	# 54
51) Acenaphthene	9.91	154	649520	41.22	nq	99
52) 3-Nitroaniline	9.83	138	143264	29.16	nq	98
53) 2,4-Dinitrophenol	9.94	184	8902	3.70	nq	# 78
54) Dibenzofuran	10.08	168	931010	48.52	nq	99
55) 4-Nitrophenol	10.00	139	262033	69.01	nq	97
56) 2,4-Dinitrotoluene	10.07	165	240014	46.73	nq	# 78
57) Fluorene	10.42	166	695642	43.50	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	156336	41.73	nq	99
59) Diethylphthalate	10.30	149	765049	41.41	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	320533	41.04	nq	94
61) 4-Nitroaniline	10.45	138	191334	39.51	nq	95
62) Azobenzene	10.57	77	824587	46.52	nq	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	29495	11.93	nq	# 77
65) n-Nitrosodiphenylamine	10.54	169	625330	51.96	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	196127	50.82	nq	94
67) Hexachlorobenzene	10.97	284	200238	48.83	nq	93
68) Atrazine	11.06	200	191075	52.15	nq	98
69) Pentachlorophenol	11.17	266	188772	75.83	nq	99
70) Phenanthrene	11.38	178	1035087	50.81	nq	100
71) Anthracene	11.43	178	847680	39.68	nq	100
72) Carbazole	11.59	167	832950	45.20	nq	100
73) Di-n-butylphthalate	11.92	149	1053737	45.66	nq	100
74) Fluoranthene	12.57	202	827915	38.81	nq	99
76) Benzidine	12.69	184	247063	31.43	nq	99
77) Pyrene	12.80	202	836479	49.84	nq	100
79) Butylbenzylphthalate	13.41	149	357395	44.68	nq	# 78
80) Benzo(a)anthracene	13.98	228	584622	43.08	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	154708	31.11	nq	# 96
82) Chrysene	14.01	228	547092	41.91	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	480515	48.35	nq	# 97
84) Di-n-octyl phthalate	14.57	149	771064	47.61	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	517568	47.45	nq	99
87) Benzo(b)fluoranthene	15.03	252	1106784	76.56	nq	97
88) Benzo(k)fluoranthene	15.03	252	1106784	92.93	nq	98
89) Benzo(a)pyrene	15.35	252	534326	43.60	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	439997	43.05	nq	97
91) Benzo(g,h,i)perylene	17.21	276	398649	40.29	nq	94

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

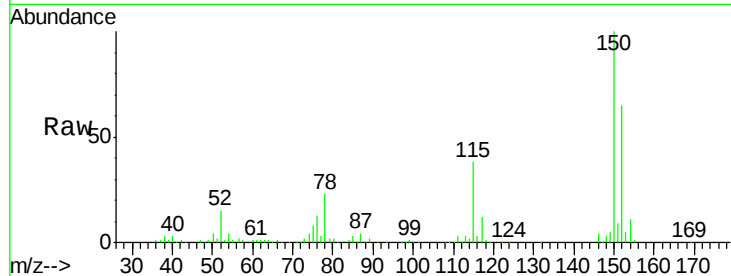


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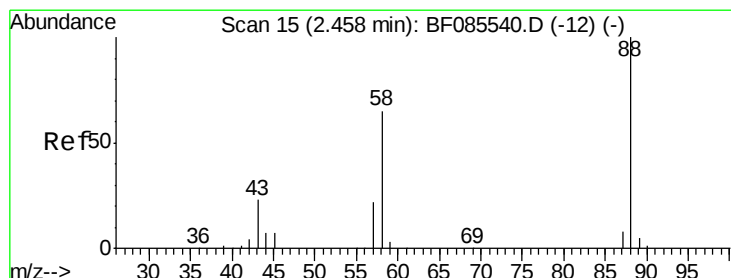
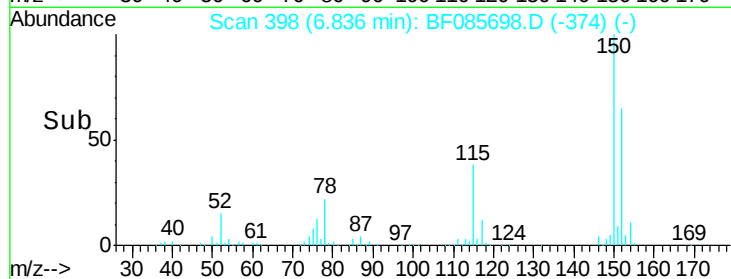
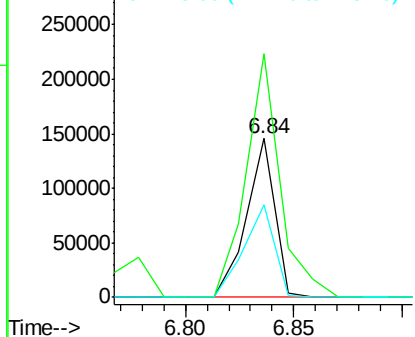
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131640
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 58.3 47.0 70.6



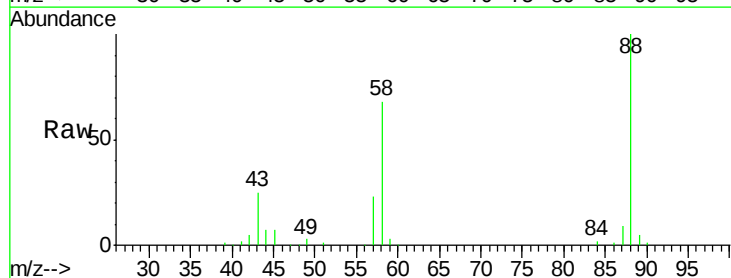
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



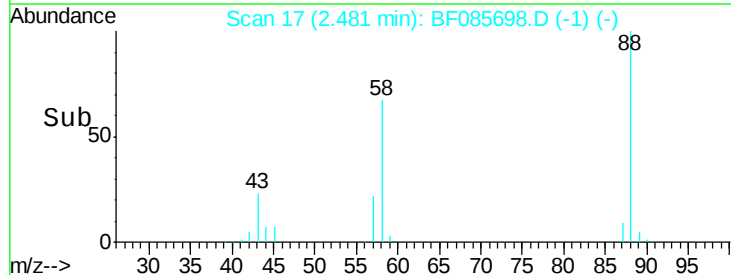
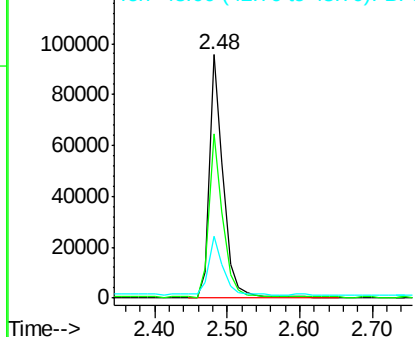
#2

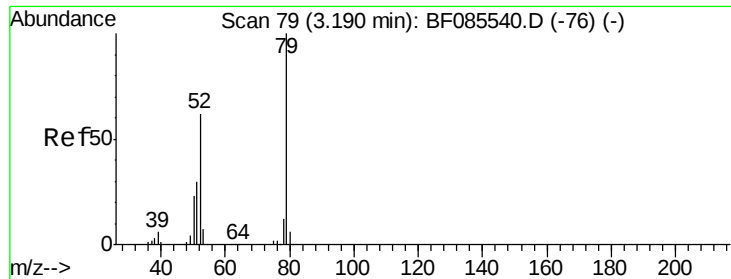
1,4-Dioxane
Concen: 33.19 ng
RT: 2.48 min Scan# 17
Delta R.T. 0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion: 88 Resp: 126462
Ion Ratio Lower Upper
88 100
58 68.0 54.2 81.2
43 25.4 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

Pvridine

Concen: 39.35 ng

RT: 3.20 min Scan# 80

Delta R.T. 0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

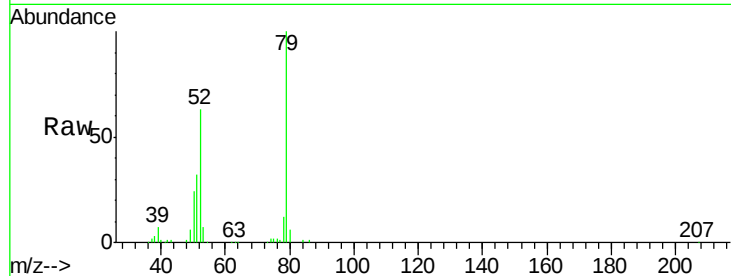
Tot Ion: 79 Resp: 368081

Ion Ratio Lower Upper

79 100

52 62.6 49.8 74.6

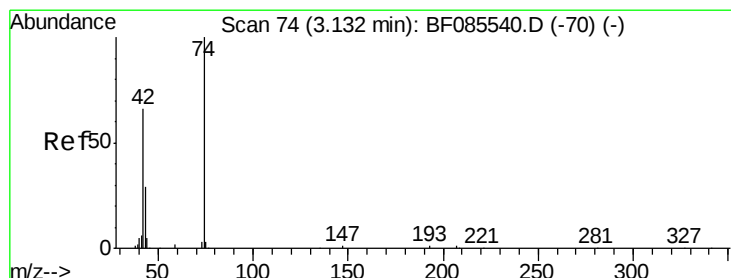
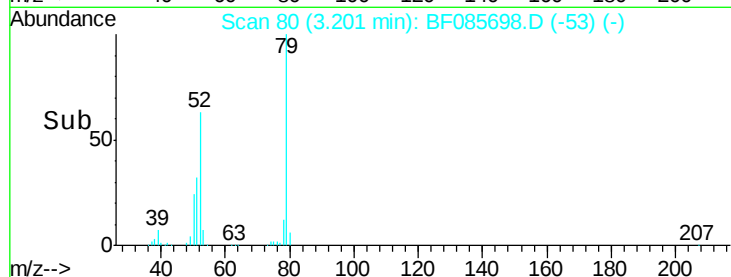
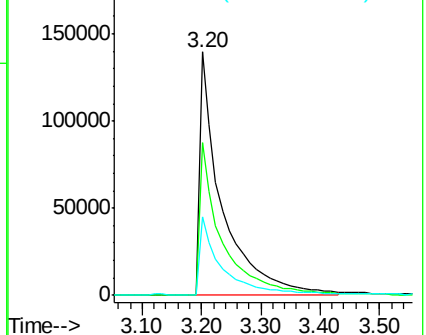
51 32.1 24.7 37.1



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: 42.03 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

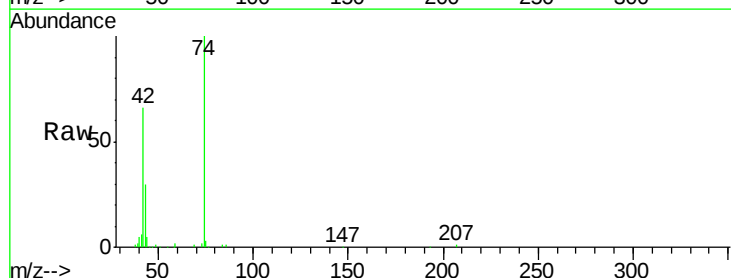
Tgt Ion: 42 Resp: 164157

Ion Ratio Lower Upper

42 100

74 152.0 121.4 182.2

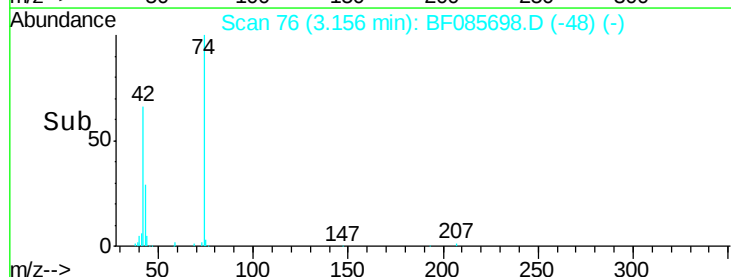
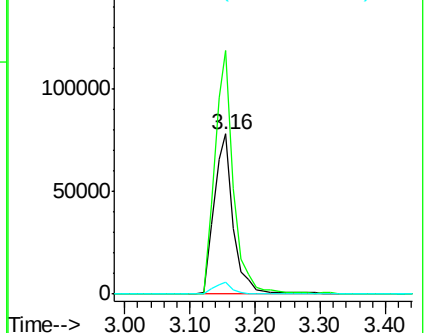
44 7.4 5.6 8.4

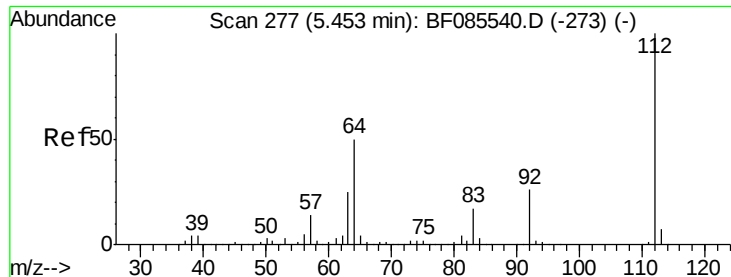


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.07 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

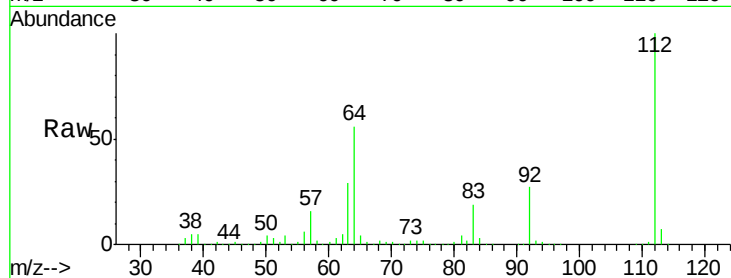
Tot Ion:112 Resp: 1027241

Ion Ratio Lower Upper

112 100

64 55.9 39.9 59.9

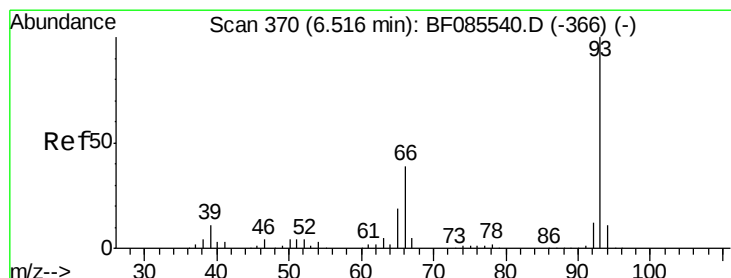
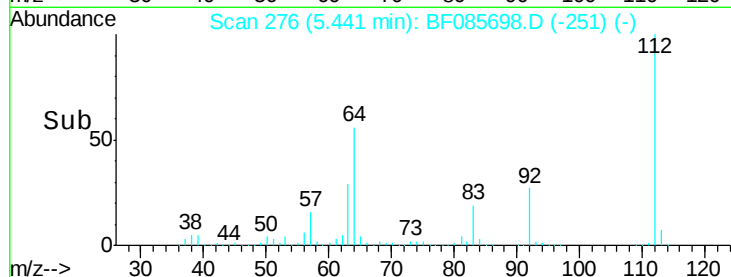
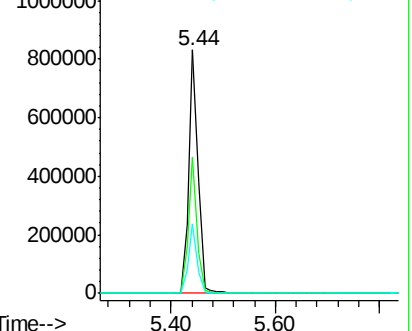
63 28.7 20.2 30.2



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: 11.18 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

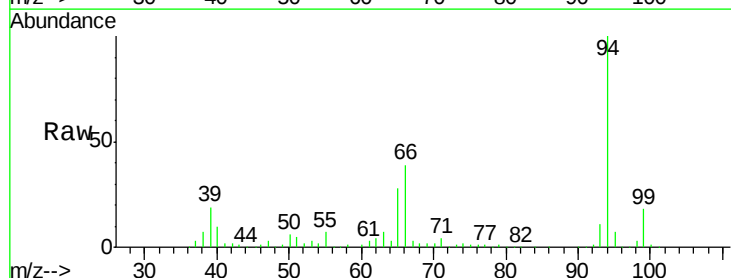
Tgt Ion: 93 Resp: 150963

Ion Ratio Lower Upper

93 100

66 355.2 31.4 47.2#

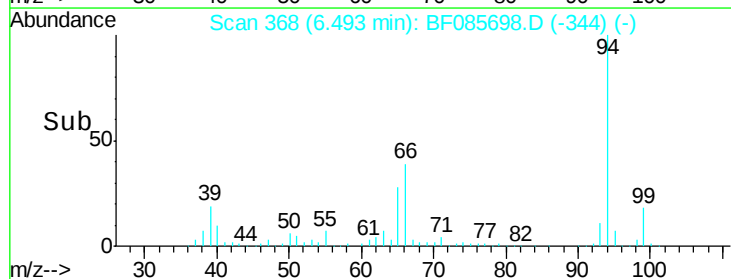
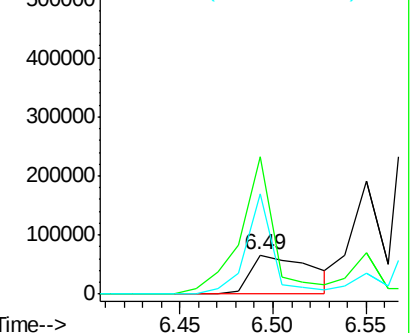
65 257.4 15.7 23.5#



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: 136.36 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampled :

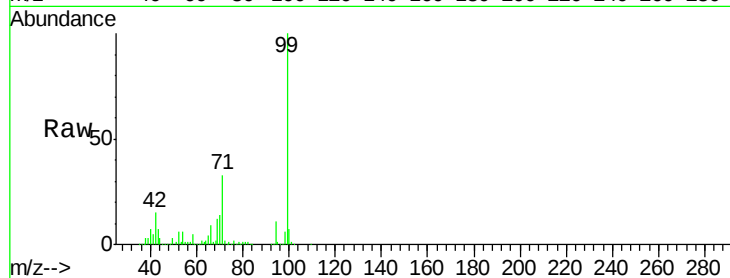
Tot Ion: 99 Resp: 1370681

Ion Ratio Lower Upper

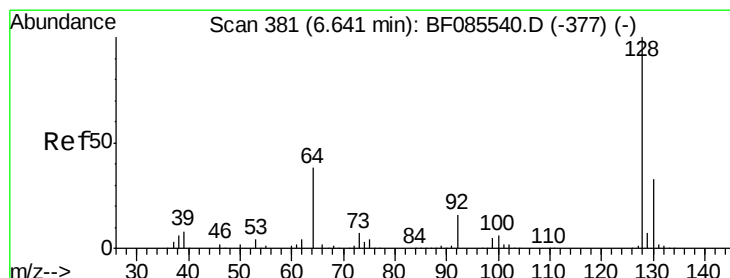
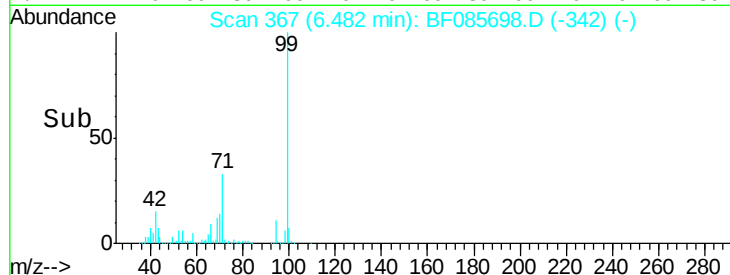
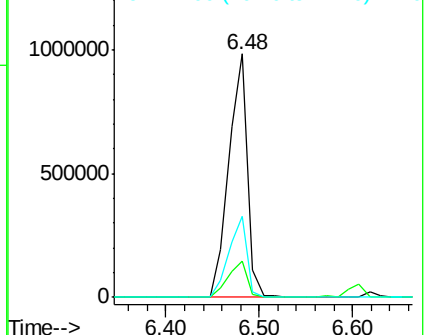
99 100

42 15.0 11.1 16.7

71 33.1 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: 41.85 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

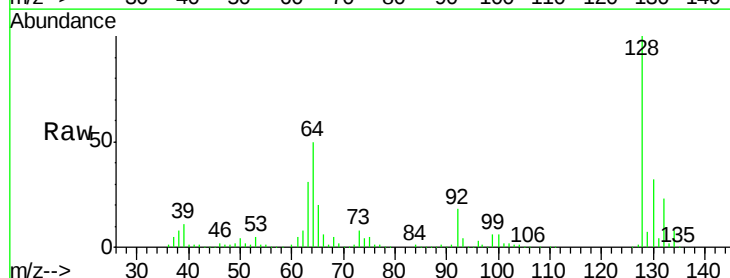
Tgt Ion: 128 Resp: 379462

Ion Ratio Lower Upper

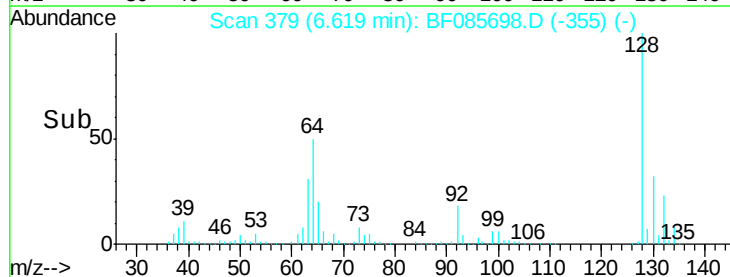
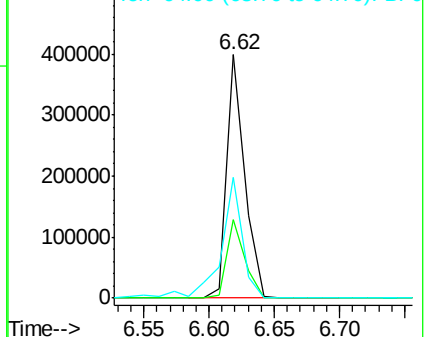
128 100

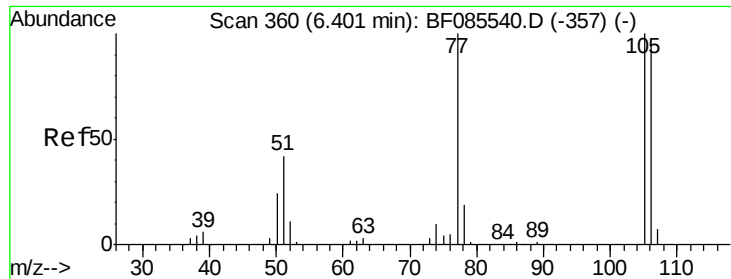
130 32.5 12.9 52.9

64 49.7 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: 9.96 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

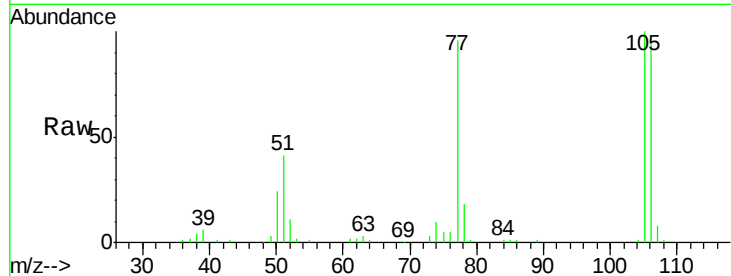
Tot Ion: 77 Resp: 61252

Ion Ratio Lower Upper

77 100

105 104.2 80.1 120.1

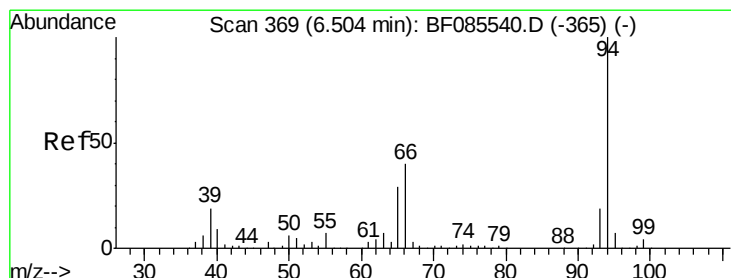
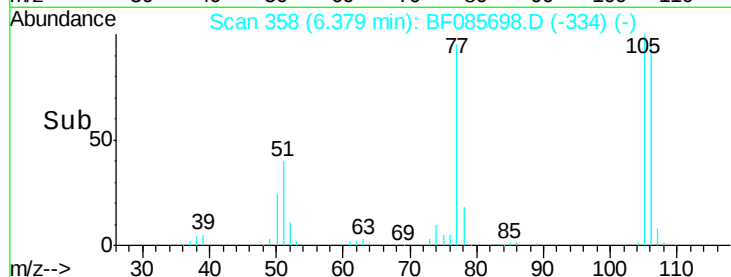
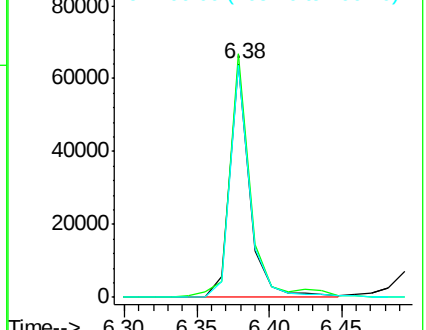
106 99.3 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.14 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

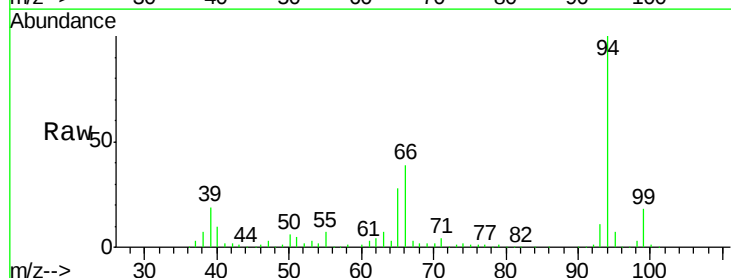
Tgt Ion: 94 Resp: 528270

Ion Ratio Lower Upper

94 100

65 28.2 8.6 48.6

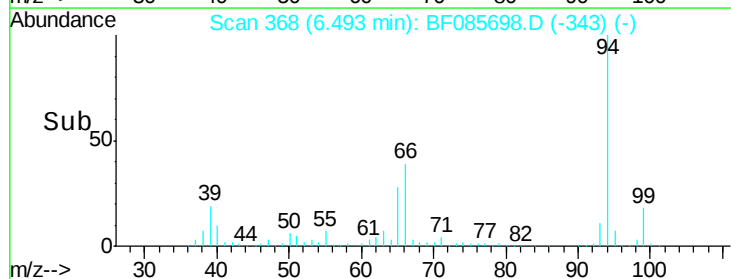
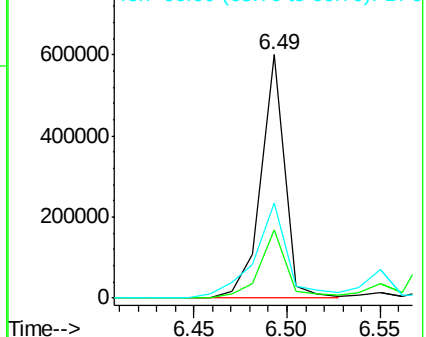
66 38.9 20.0 60.0

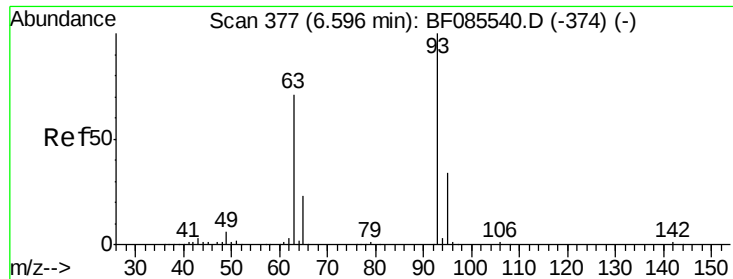


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

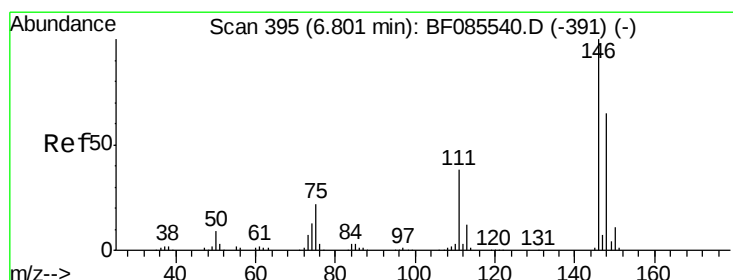
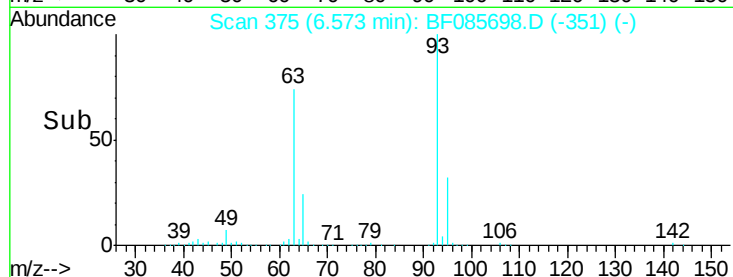
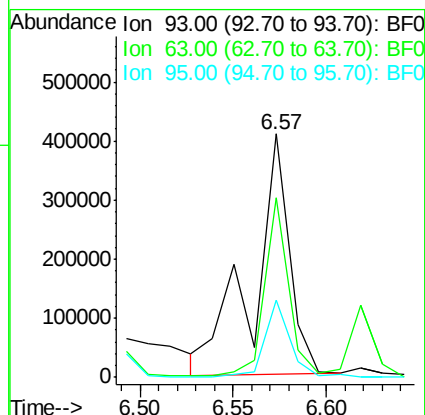
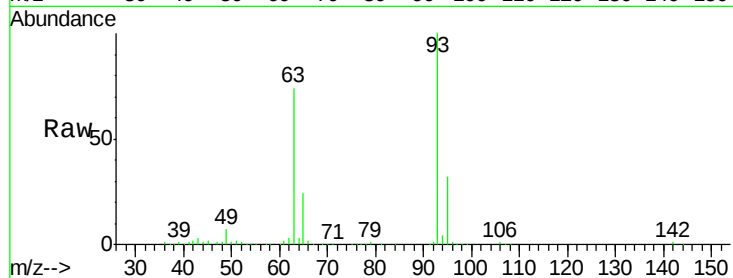




#11
bis(2-Chloroethyl)ether
Concen: 62.84 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

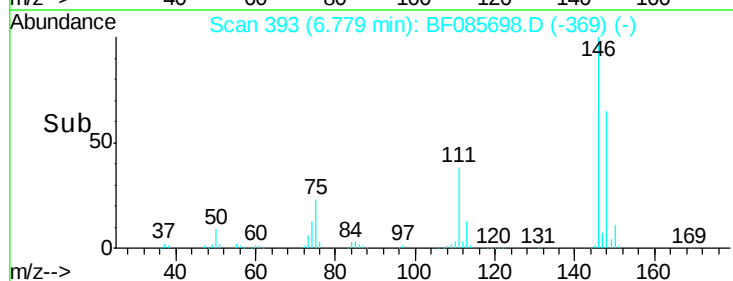
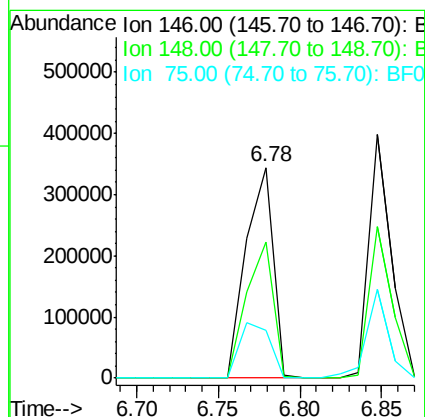
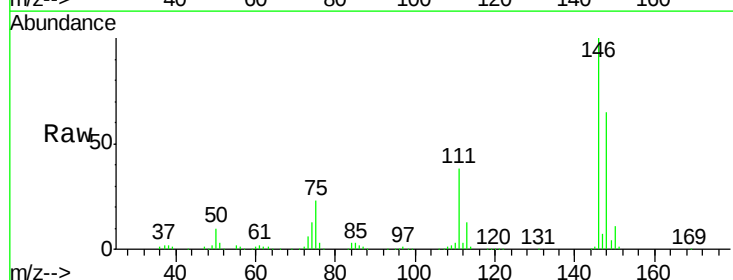
Instrument :
BNA_F
ClientSampleId :

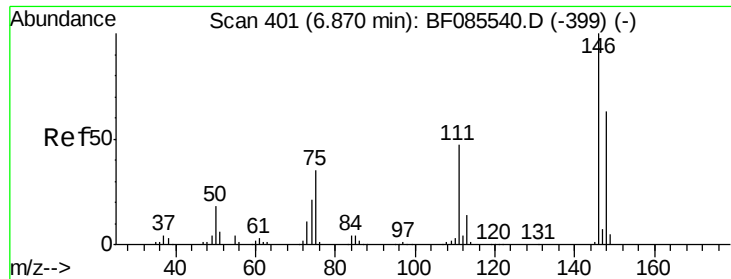
Tot Ion: 93 Resp: 542360
Ion Ratio Lower Upper
93 100
63 73.6 50.9 90.9
95 32.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.44 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion: 146 Resp: 399547
Ion Ratio Lower Upper
146 100
148 64.5 52.3 78.5
75 22.9 17.4 26.2

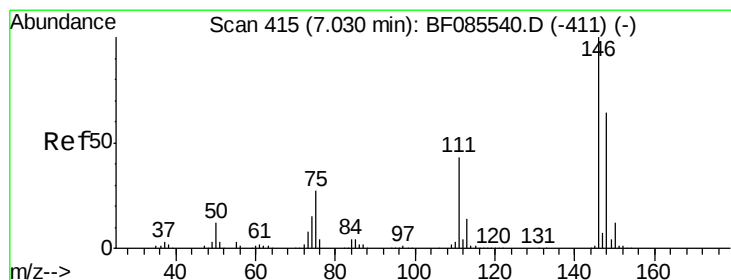
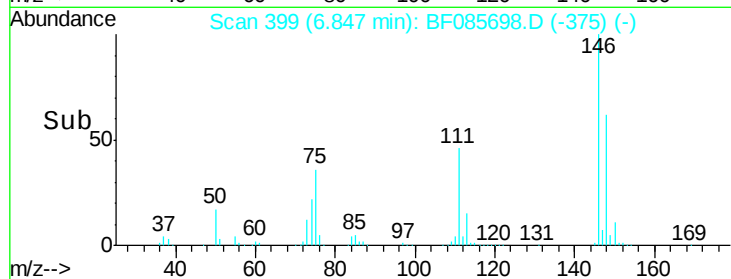
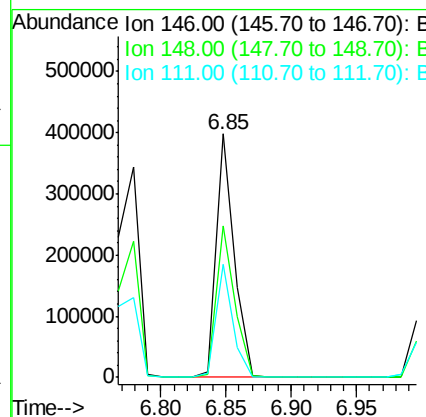
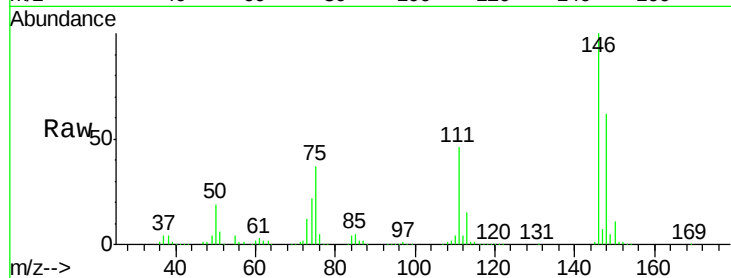




#13
 1,4-Dichlorobenzene
 Concen: 38.20 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

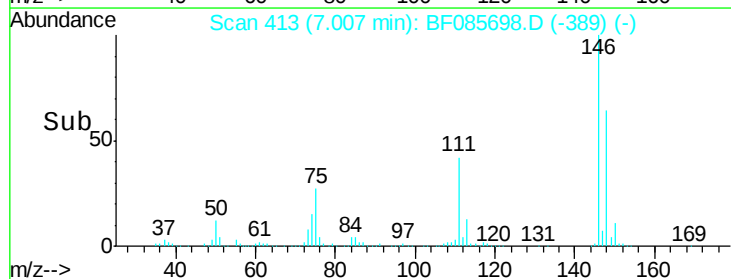
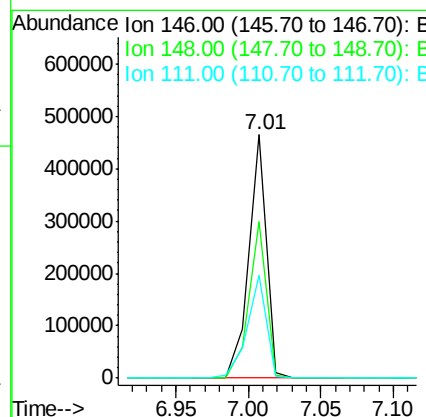
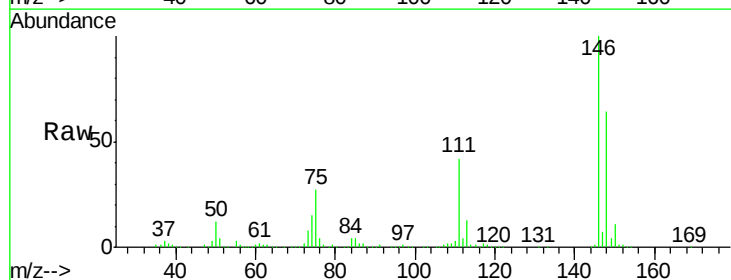
Instrument :
 BNA_F
 ClientSampleId :

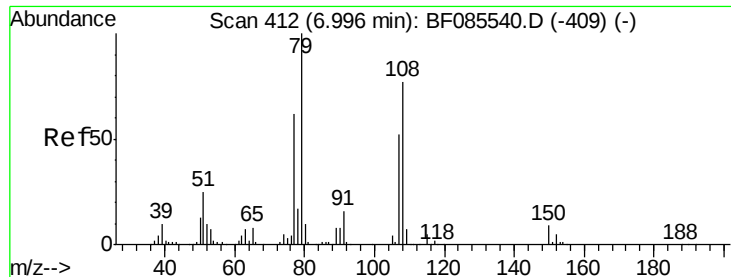
Tot Ion:146 Resp: 384925
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 76.0
 111 46.4 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 43.81 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:146 Resp: 392006
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.2
 111 42.4 34.6 52.0





#15

Benzyl Alcohol

Concen: 46.89 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampled :

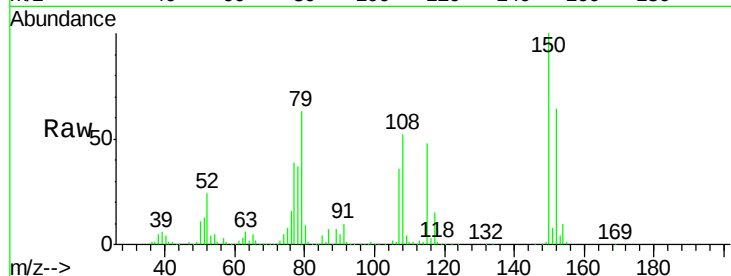
Tot Ion: 79 Resp: 322862

Ion Ratio Lower Upper

79 100

108 82.5 61.8 92.6

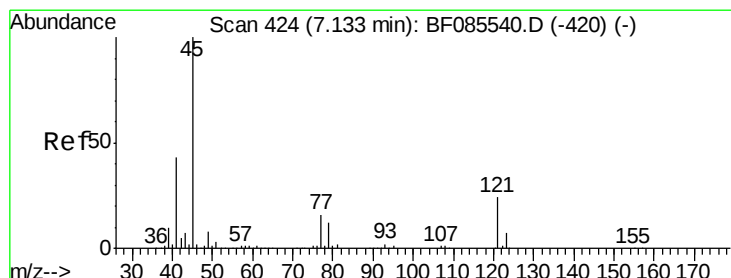
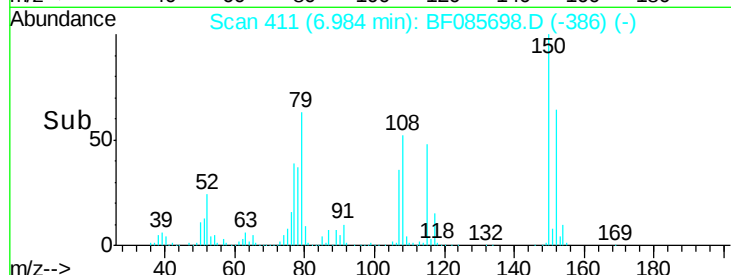
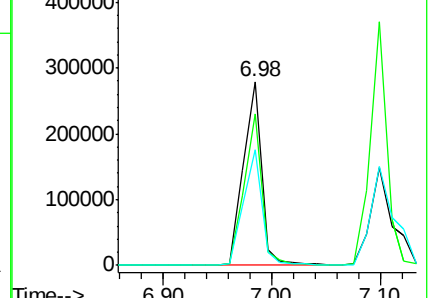
77 62.6 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.95 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

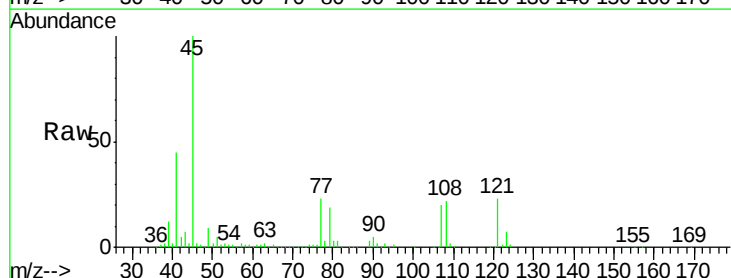
Tgt Ion: 45 Resp: 476107

Ion Ratio Lower Upper

45 100

77 23.2 0.0 35.7

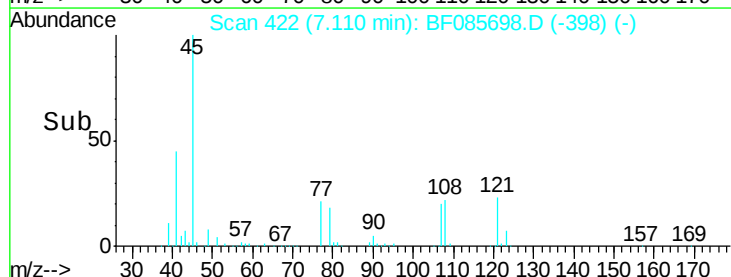
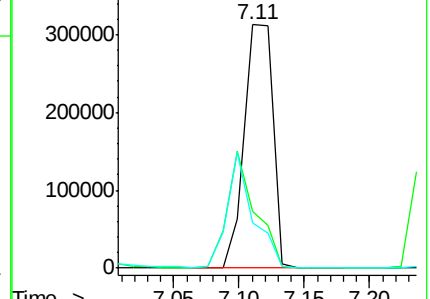
79 18.7 0.0 32.2

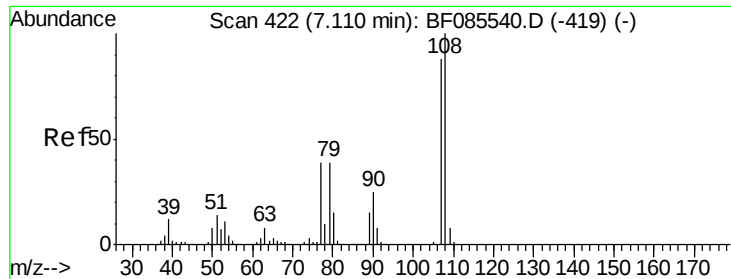


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

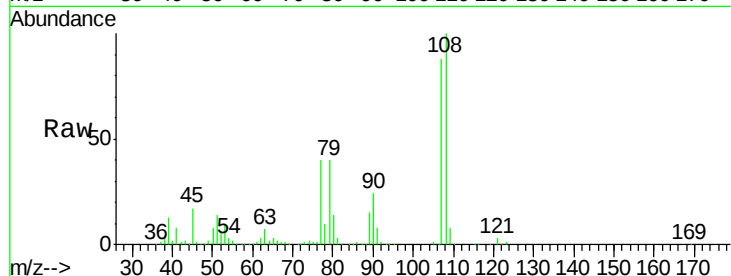




#17
2-Methylphenol
Concen: 45.14 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.4	137.0
77	45.9	36.2	54.2
79	45.6	35.8	53.8



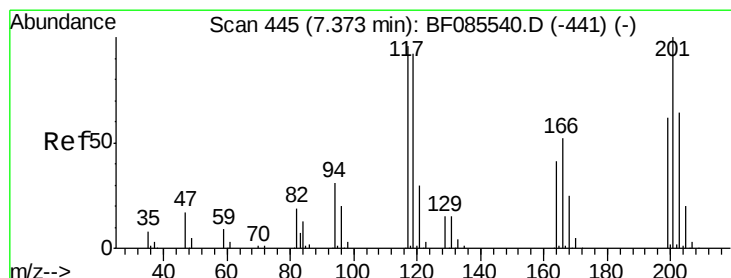
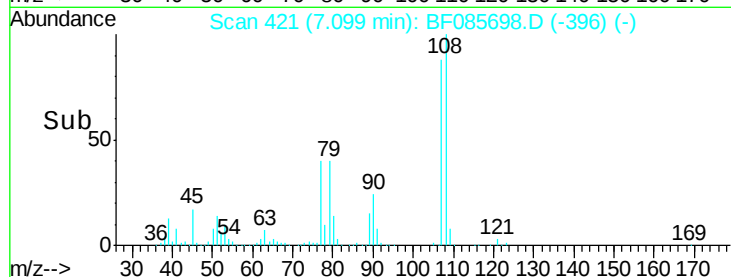
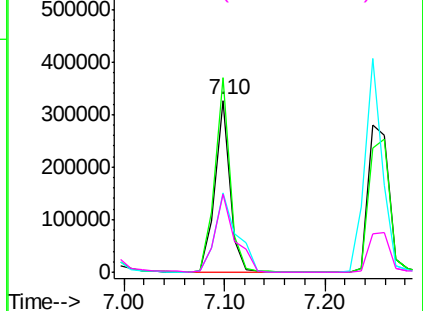
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

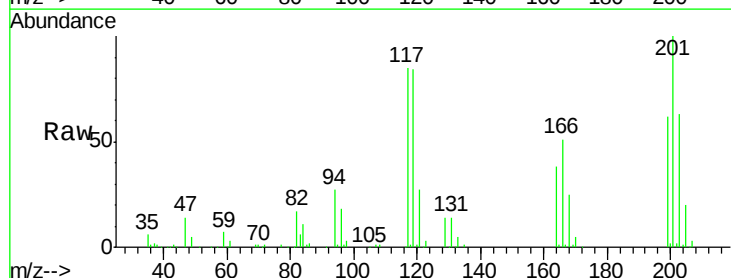
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.73 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.7	115.1
201	117.6	83.3	124.9

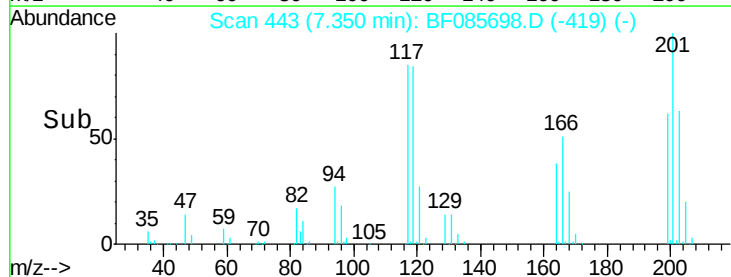
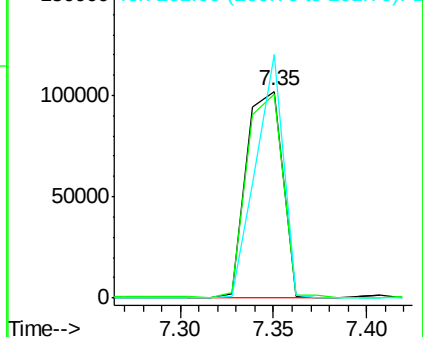


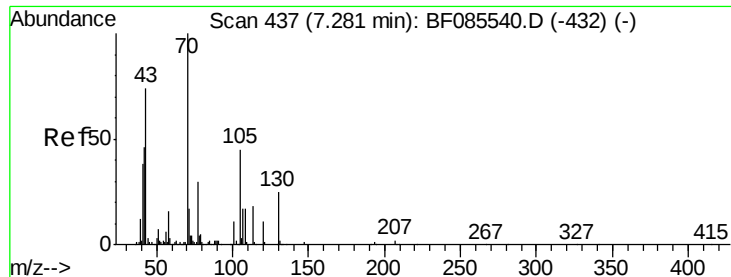
Abundance

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

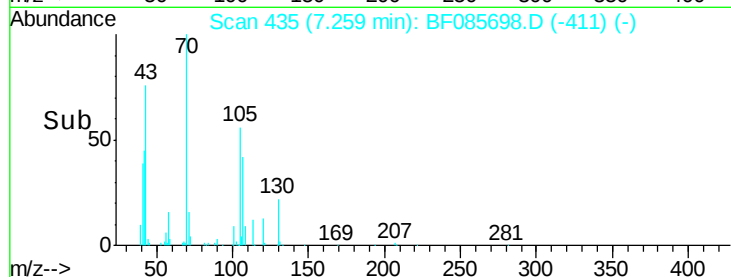
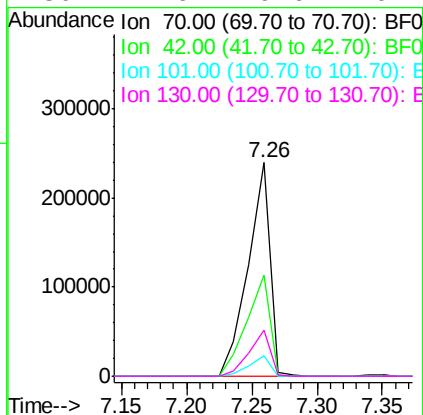
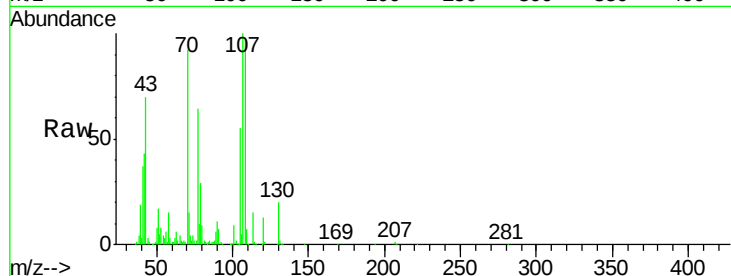




#19
n-Nitroso-di-n-propylamine
Concen: 46.78 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

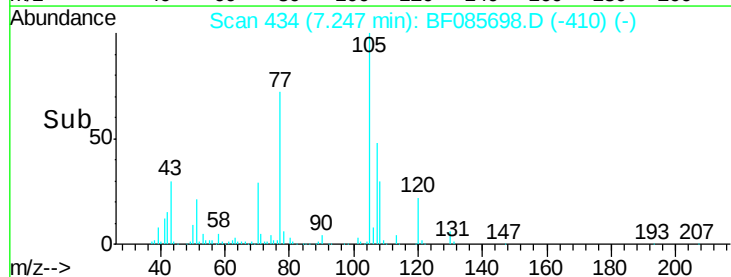
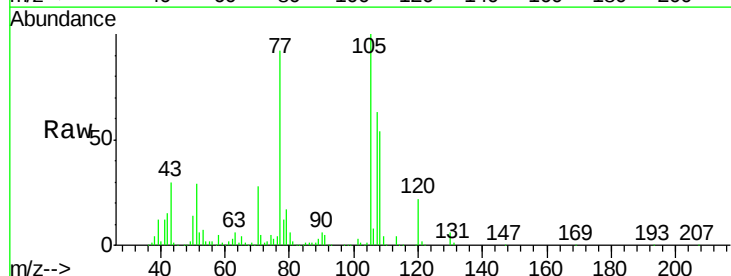
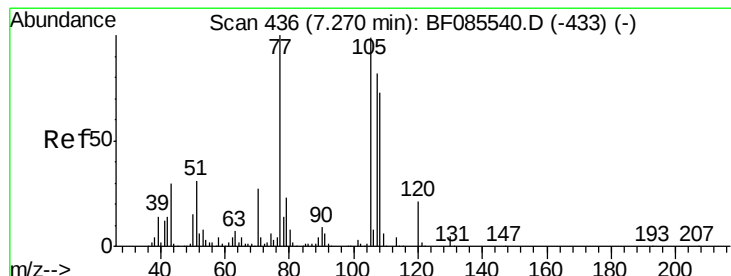
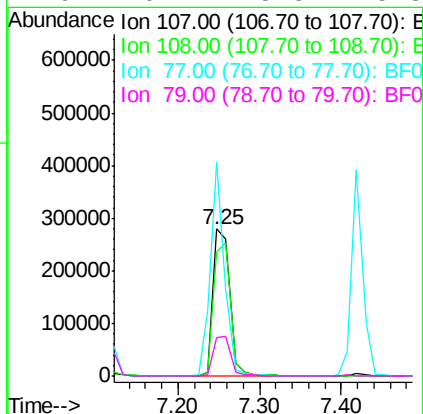
Instrument :
BNA_F
ClientSampleId :

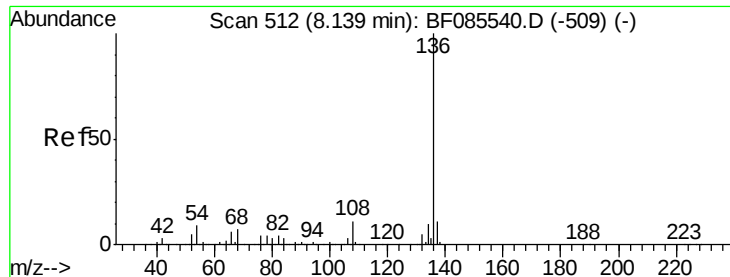
Tot Ion: 70 Resp: 280874
Ion Ratio Lower Upper
70 100
42 47.2 37.1 55.7
101 9.7 8.6 12.8
130 21.6 19.6 29.4



#20
3+4-Methylphenols
Concen: 46.13 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:107 Resp: 401524
Ion Ratio Lower Upper
107 100
108 84.9 69.3 109.3
77 145.5 101.7 141.7#
79 26.1 8.3 48.3

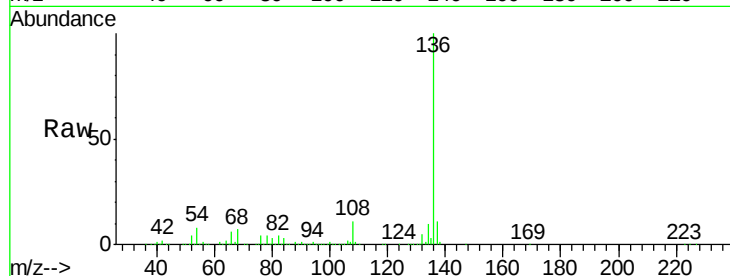




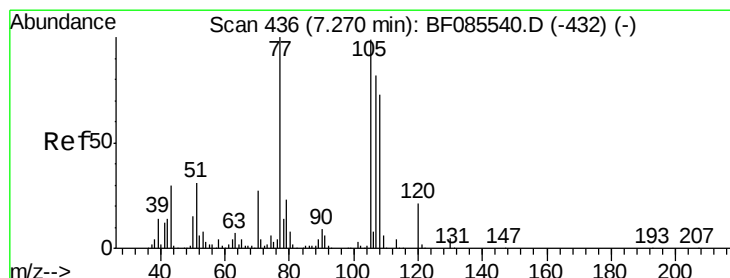
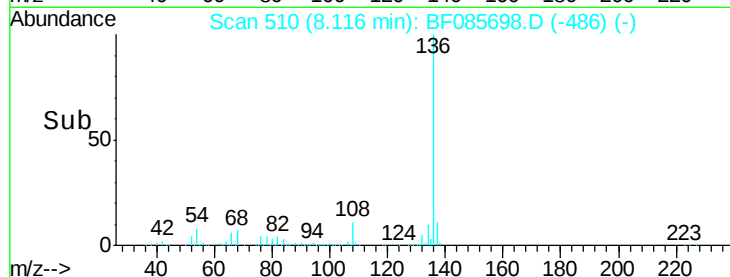
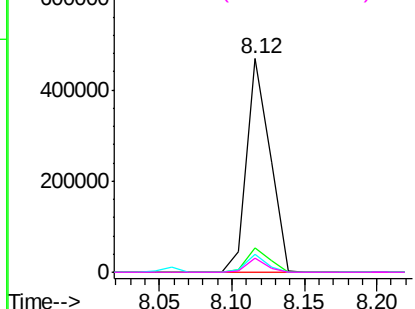
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	522094
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	8.3	7.4 11.0
68	6.8	5.8 8.8

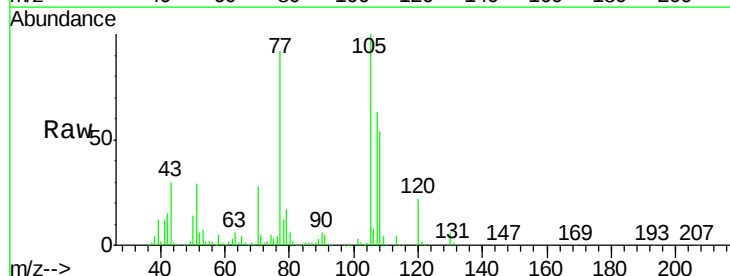


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

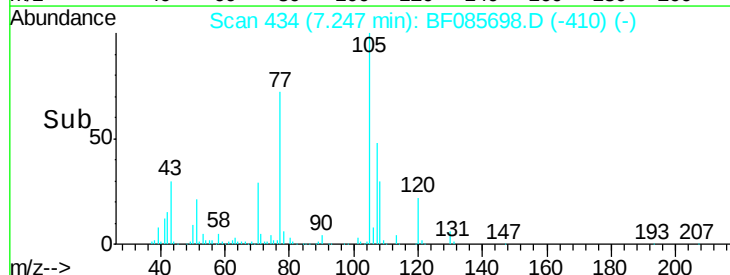
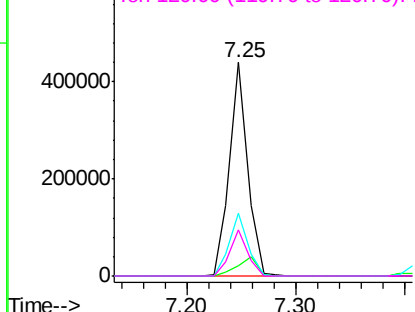


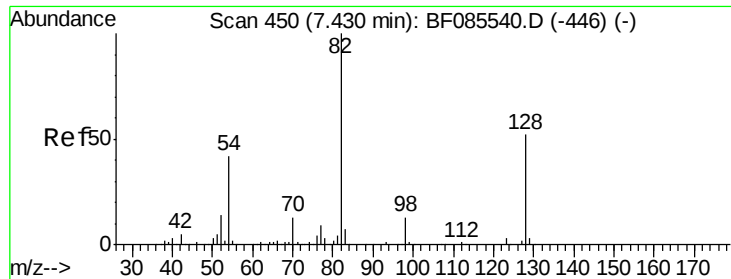
#22
Acetophenone
Concen: 40.97 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:105	Resp:	507643
Ion Ratio	Lower	Upper
105	100	
71	4.7	3.6 5.4
51	29.5	25.4 38.0
120	21.6	16.9 25.3



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

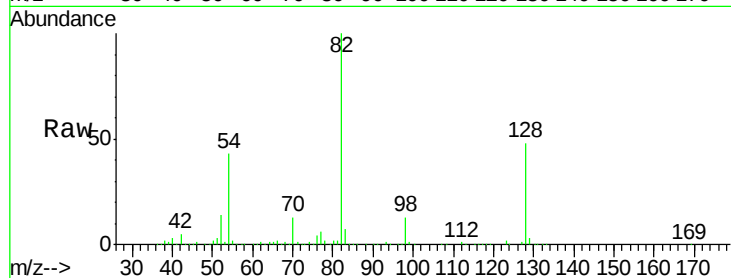




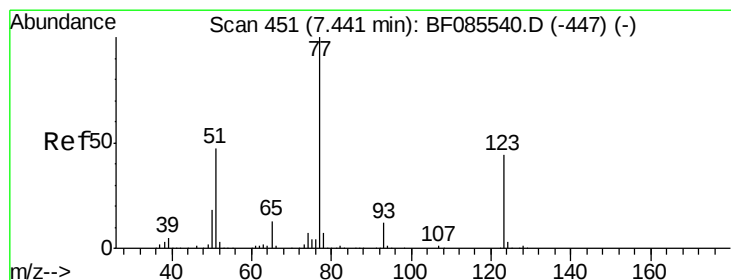
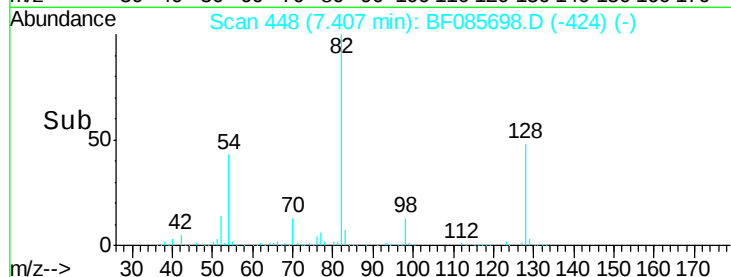
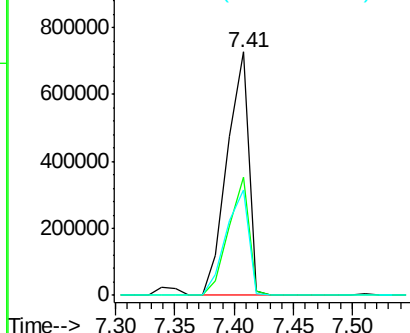
#23
 Nitrobenzene-d5
 Concen: 102.53 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 922188
 Ion Ratio Lower Upper
 82 100
 128 48.3 41.8 62.8
 54 43.2 33.4 50.0

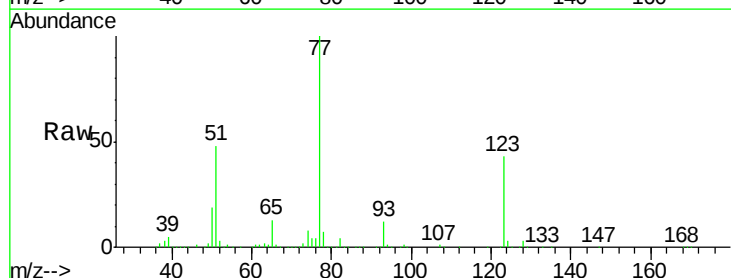


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

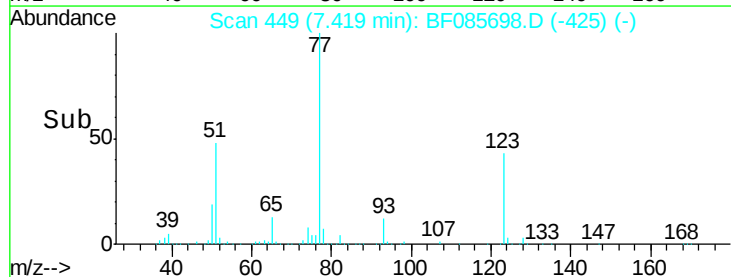
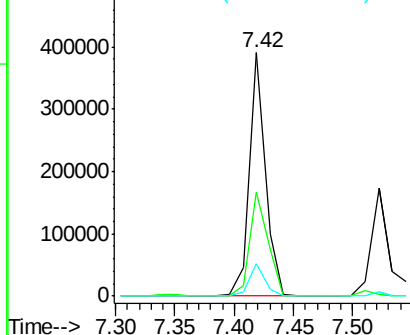


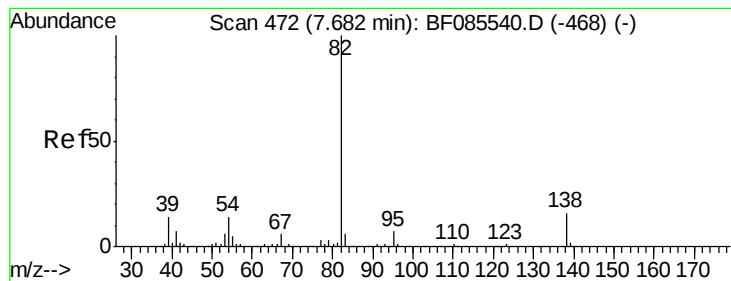
#24
 Nitrobenzene
 Concen: 37.80 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion: 77 Resp: 372189
 Ion Ratio Lower Upper
 77 100
 123 42.7 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: 43.16 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

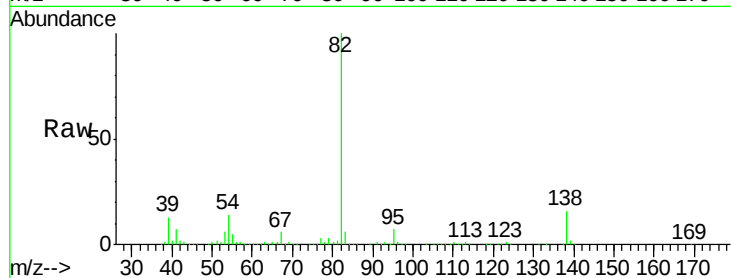
Tot Ion: 82 Resp: 777251

Ion Ratio Lower Upper

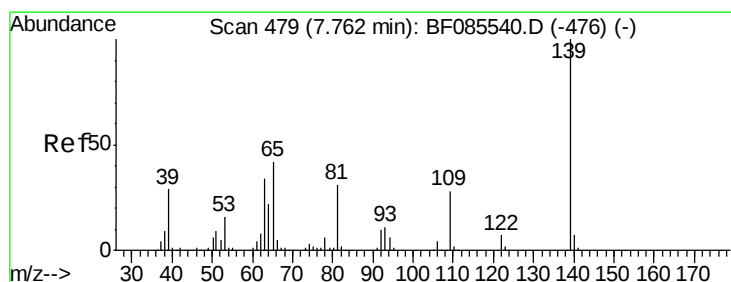
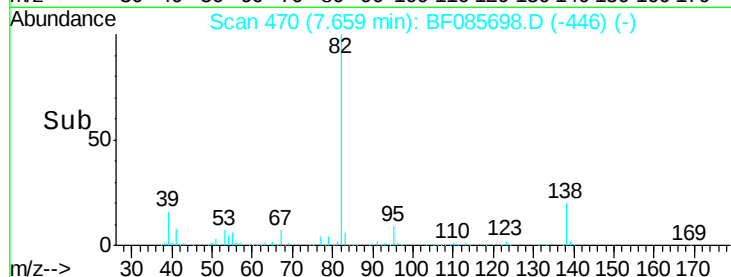
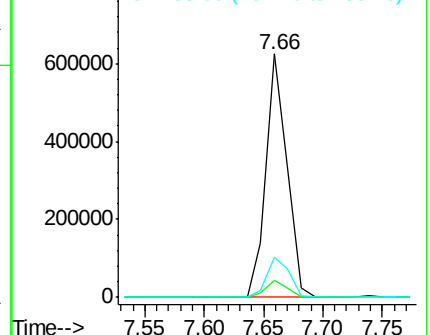
82 100

95 7.1 5.4 8.2

138 16.3 12.9 19.3



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



#26

2-Nitrophenol

Concen: 46.16 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

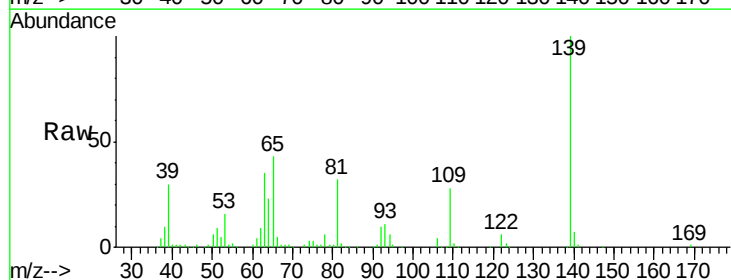
Tgt Ion: 139 Resp: 224608

Ion Ratio Lower Upper

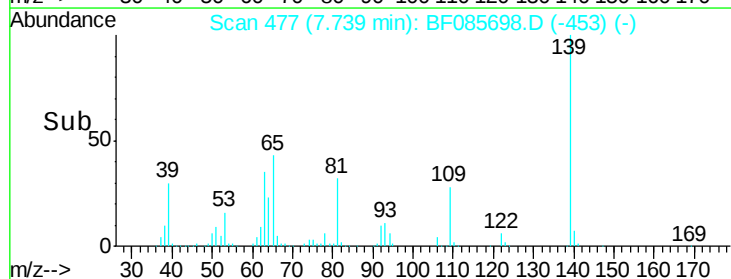
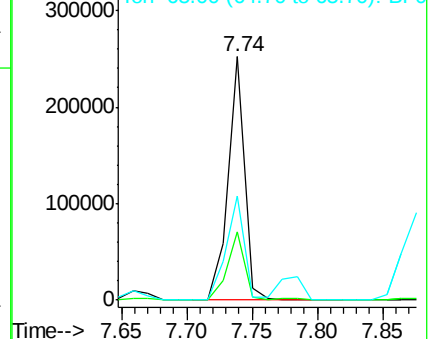
139 100

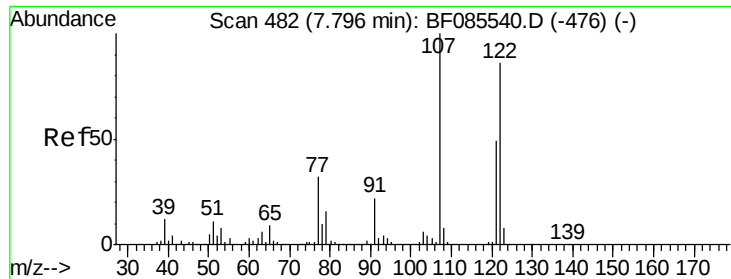
109 28.1 22.1 33.1

65 42.8 33.9 50.9



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





#27

2,4-Dimethylphenol

Concen: 46.90 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampled :

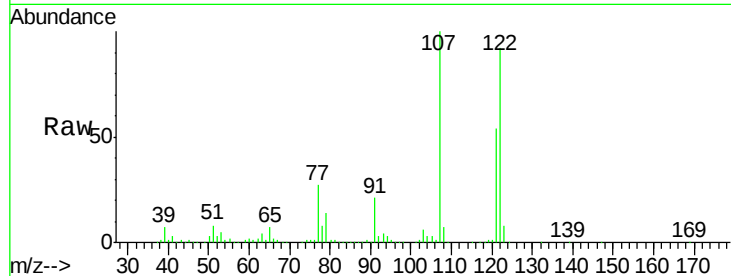
Tot Ion:122 Resp: 403575

Ion Ratio Lower Upper

122 100

107 108.9 93.0 139.6

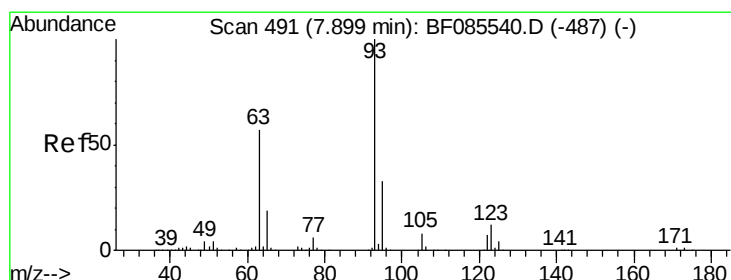
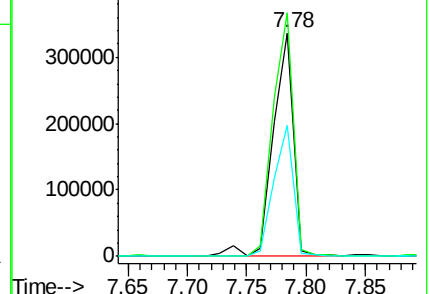
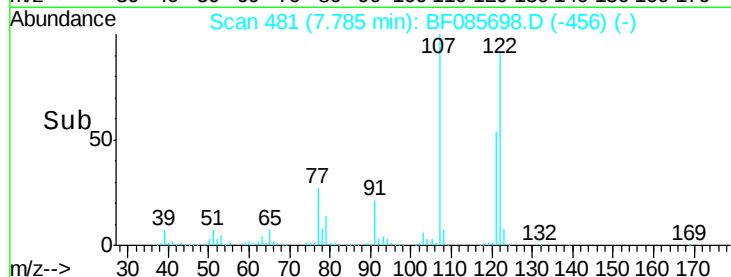
121 58.4 45.9 68.9



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: 50.28 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

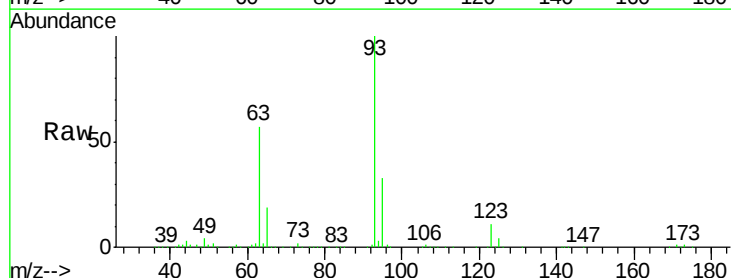
Tgt Ion: 93 Resp: 514993

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

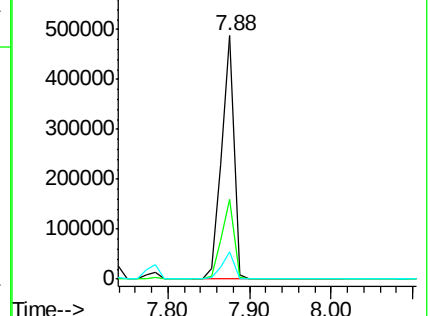
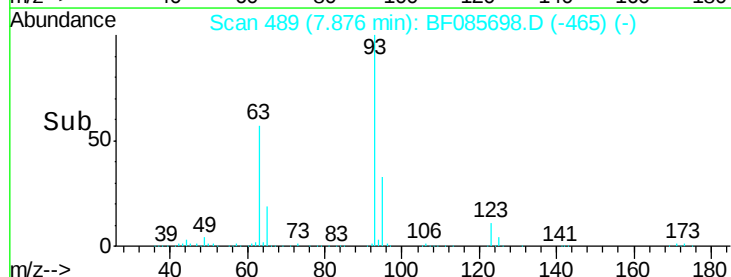
123 11.4 9.8 14.6

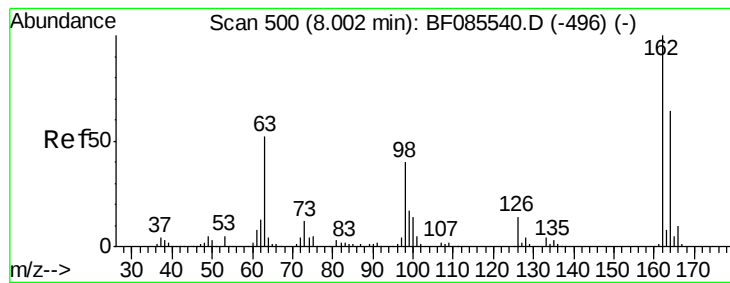


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.36 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

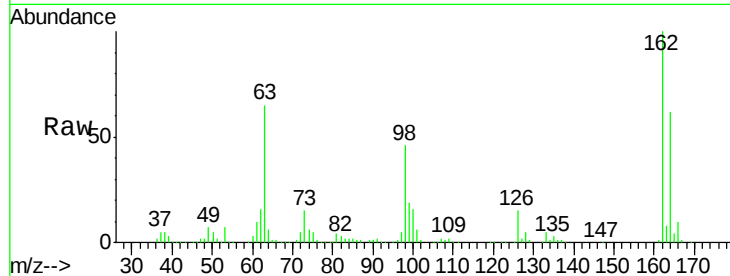
Tot Ion:162 Resp: 315174

Ion Ratio Lower Upper

162 100

164 62.1 43.7 83.7

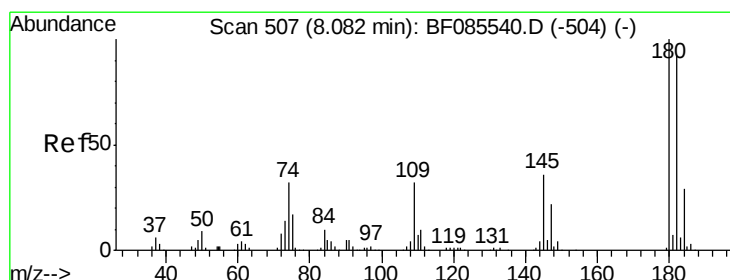
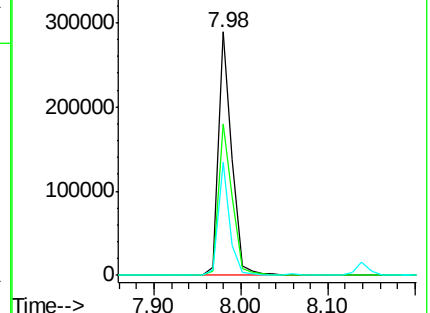
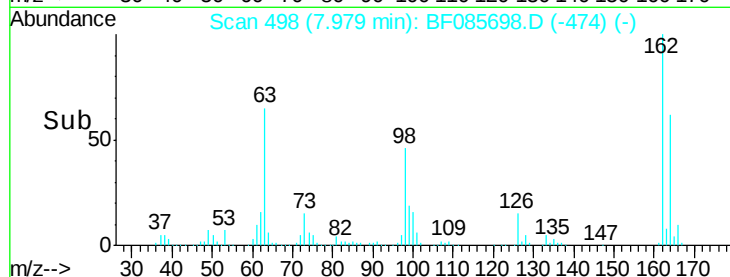
98 46.3 20.4 60.4



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: 40.67 ng

RT: 8.06 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

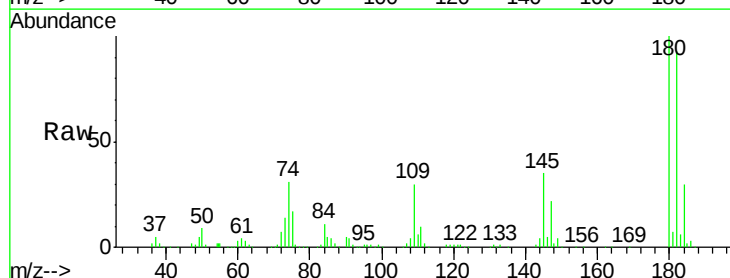
Tgt Ion:180 Resp: 323736

Ion Ratio Lower Upper

180 100

182 93.3 73.8 110.8

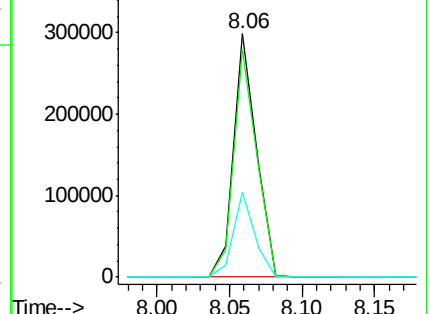
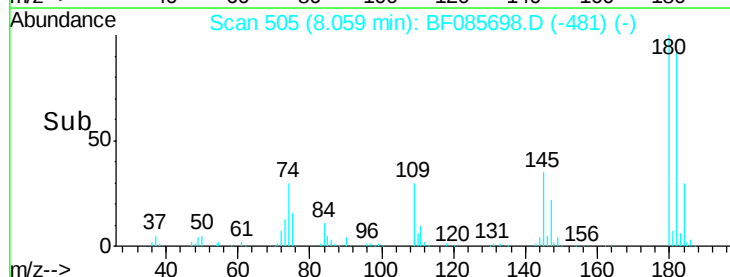
145 34.7 28.4 42.6

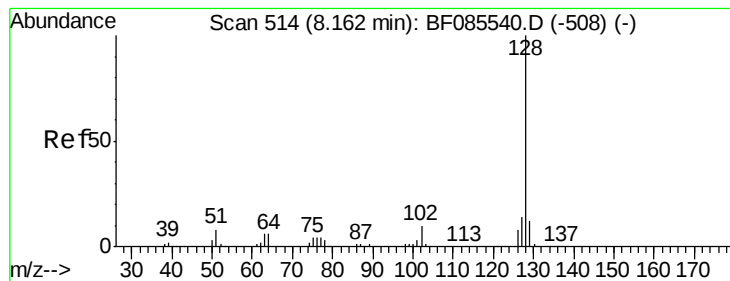


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.77 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampled :

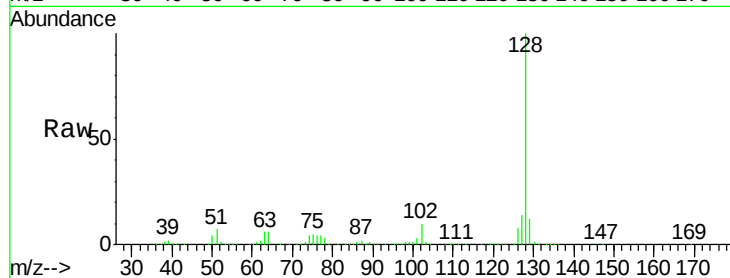
Tot Ion:128 Resp: 1127102

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

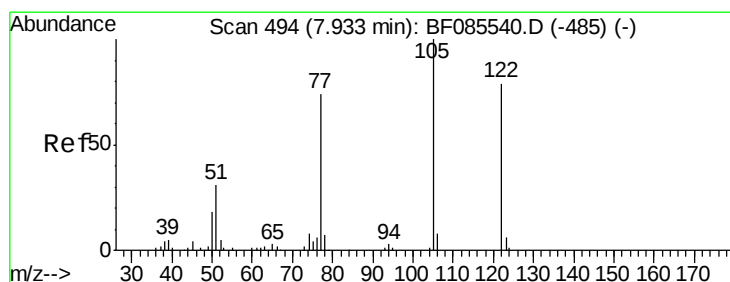
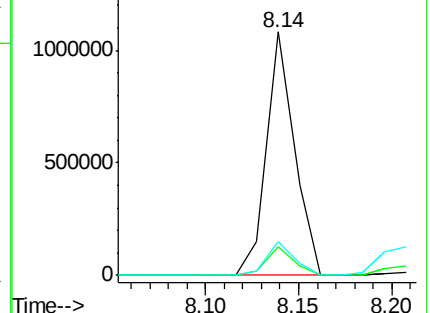
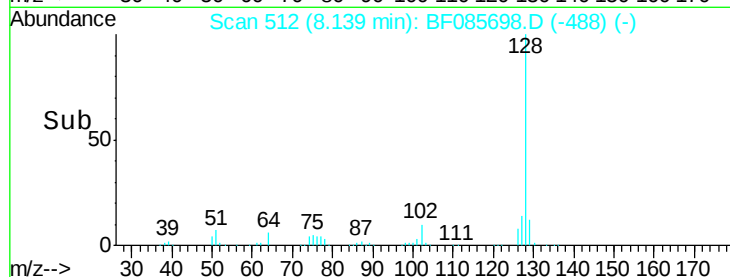
127 13.7 11.0 16.6



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: 56.09 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.15 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

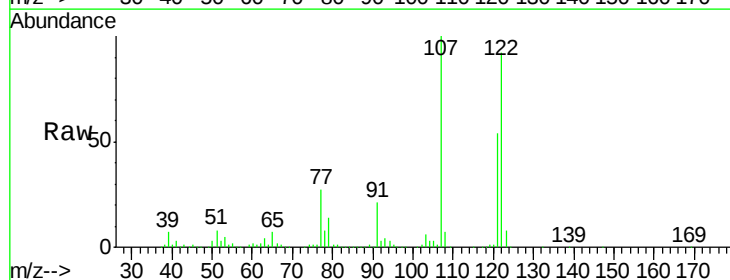
Tgt Ion:122 Resp: 403575

Ion Ratio Lower Upper

122 100

105 3.5 102.9 142.9#

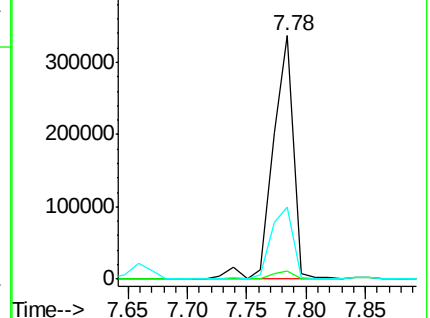
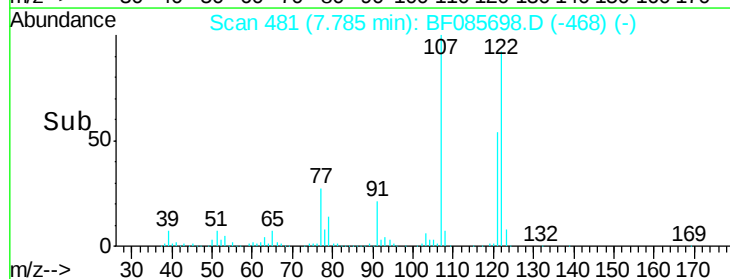
77 29.4 71.8 111.8#

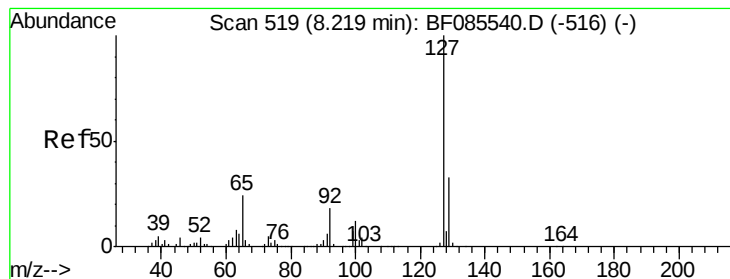


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.98 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 215811

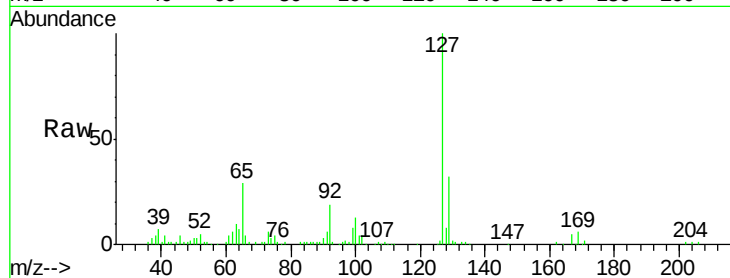
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 28.6 19.5 29.3

92 19.1 14.6 22.0

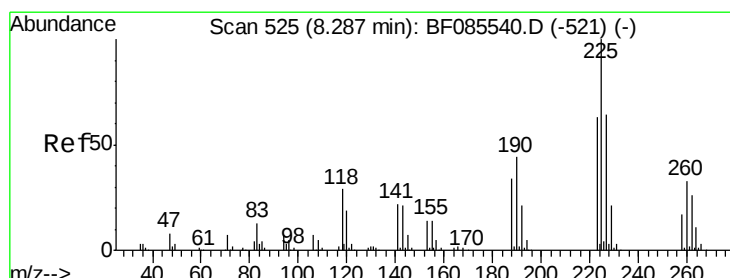
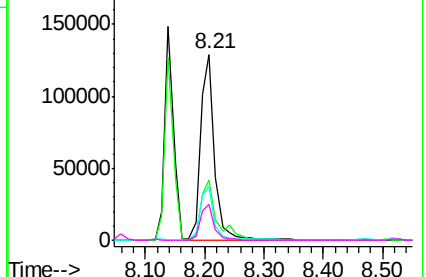
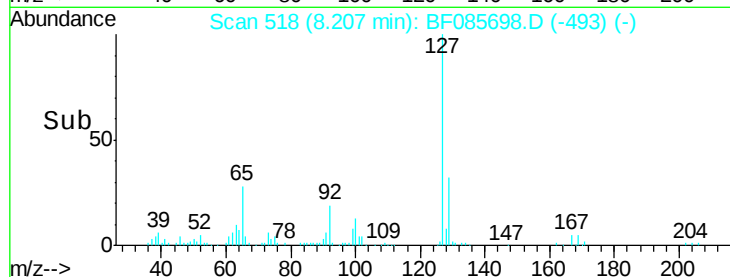


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.01 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

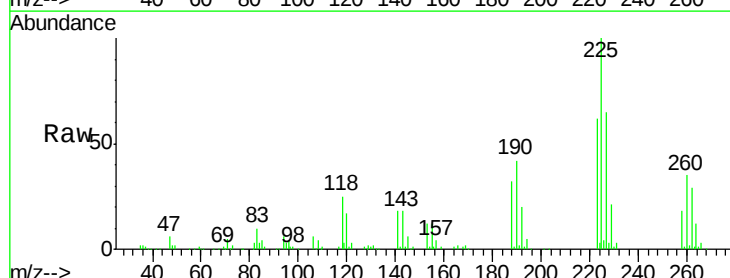
Tgt Ion:225 Resp: 169703

Ion Ratio Lower Upper

225 100

223 61.8 50.4 75.6

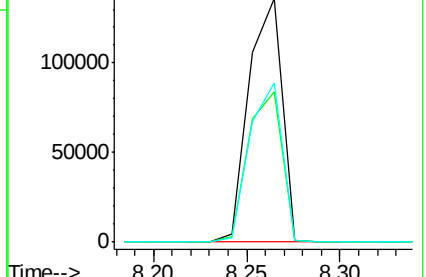
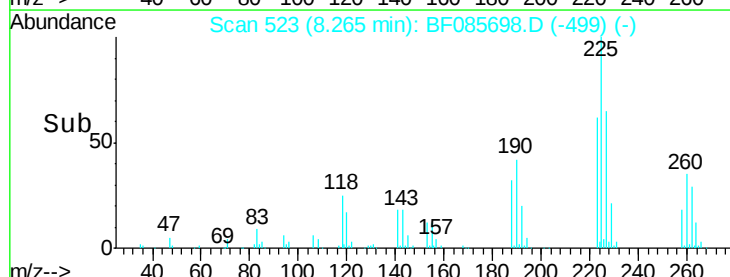
227 65.3 51.4 77.2

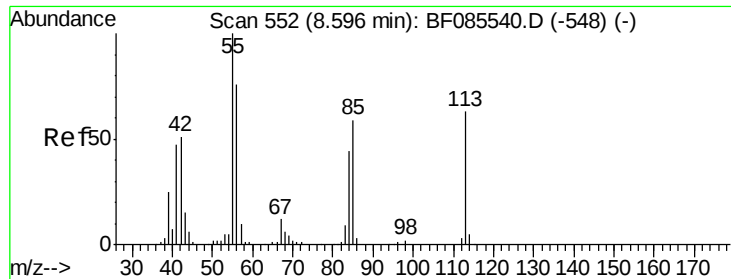


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

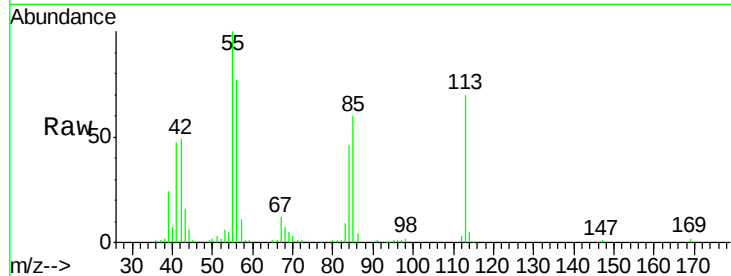




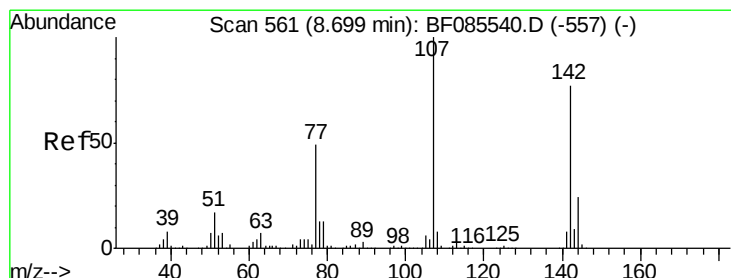
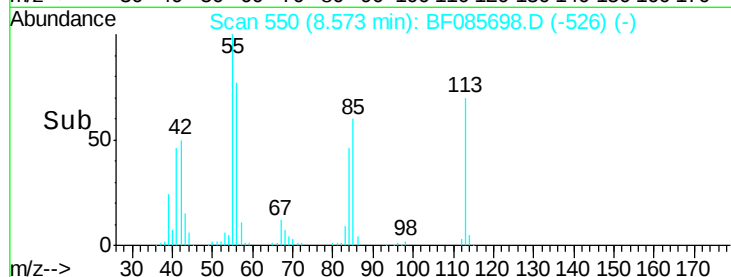
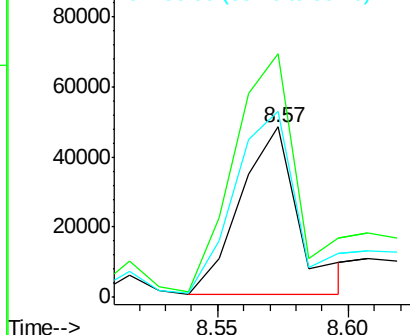
#35
Caprolactam
Concen: 30.64 ng
RT: 8.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 74911
Ion Ratio Lower Upper
113 100
55 143.0 139.4 179.4
56 109.5 100.4 140.4

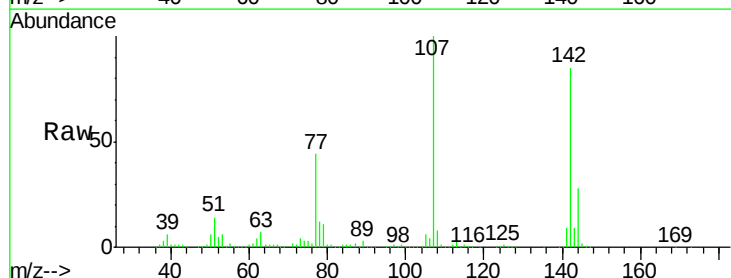


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

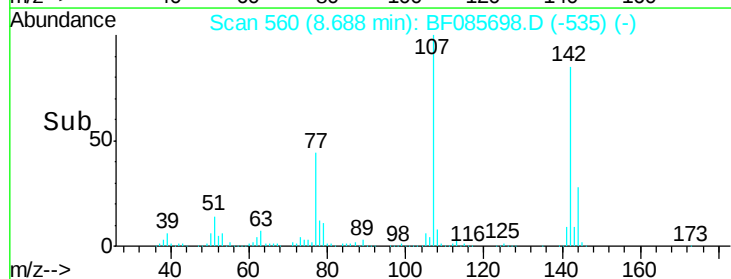
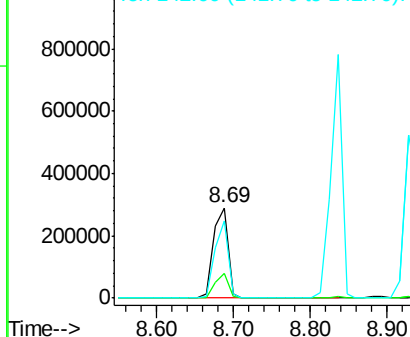


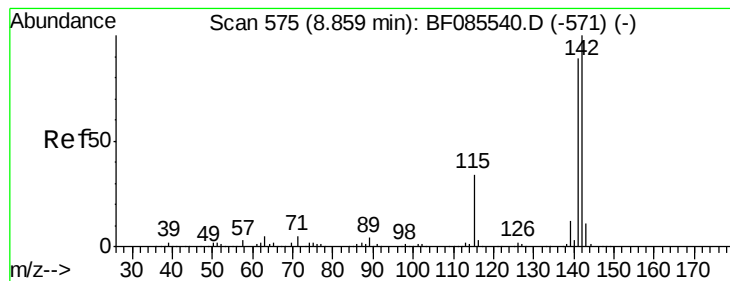
#36
4-Chloro-3-methylphenol
Concen: 46.12 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:107 Resp: 382725
Ion Ratio Lower Upper
107 100
144 27.9 19.3 28.9
142 85.0 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

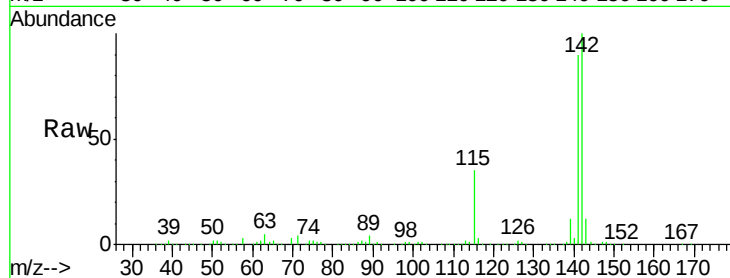




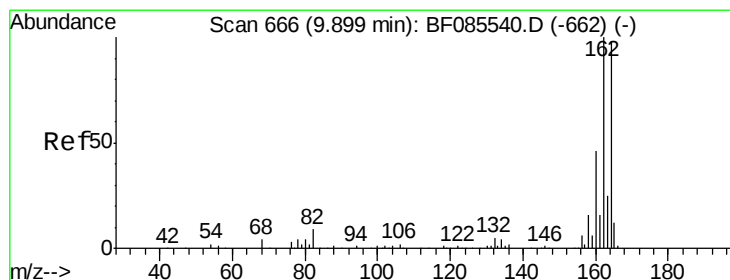
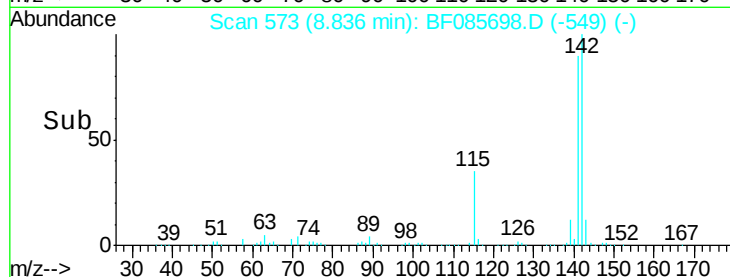
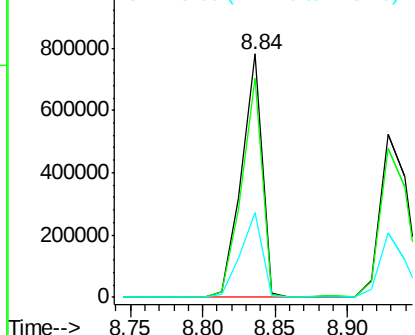
#37
2-Methylnaphthalene
Concen: 48.53 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 779544
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4
115 34.8 26.8 40.2

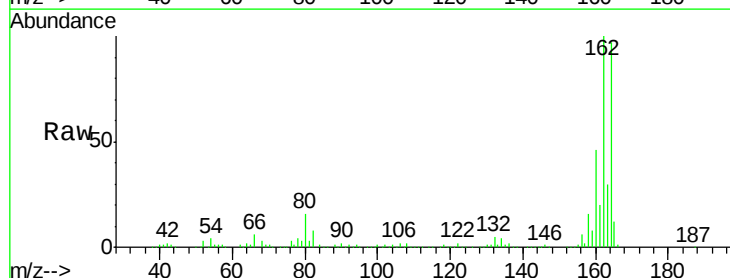


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

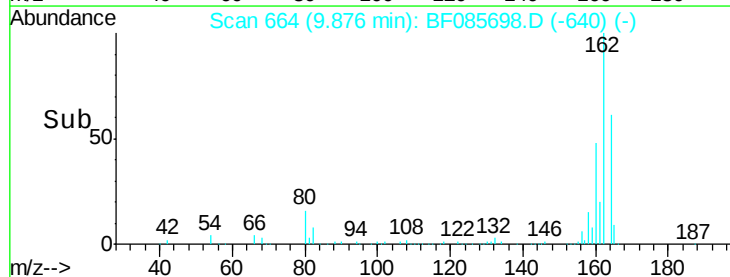
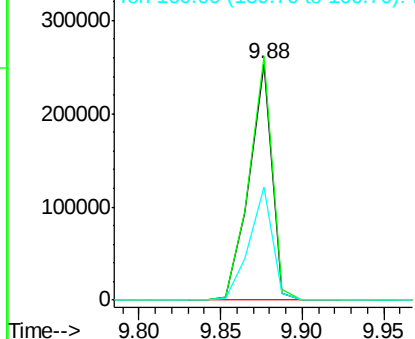


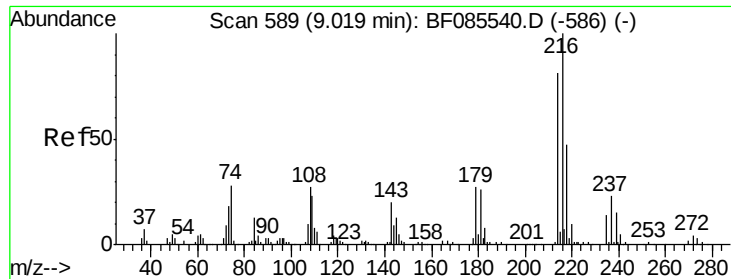
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:164 Resp: 246228
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 47.8 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

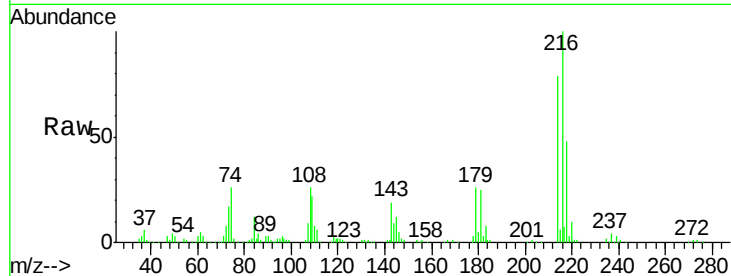




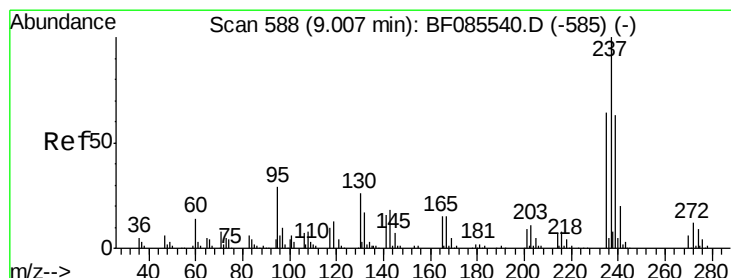
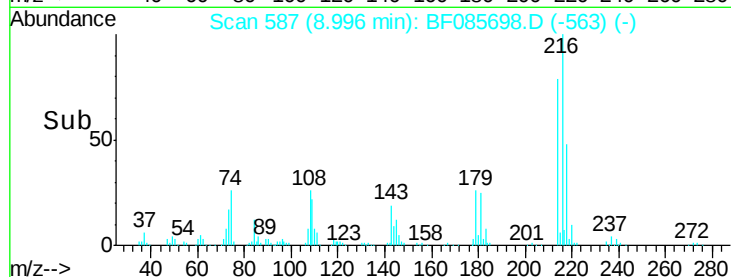
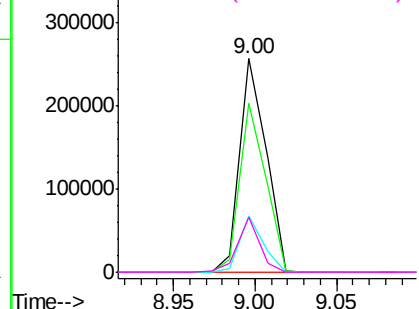
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.98 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	283663
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.1 94.7
179	23.6	18.2 27.2
108	21.6	17.3 25.9

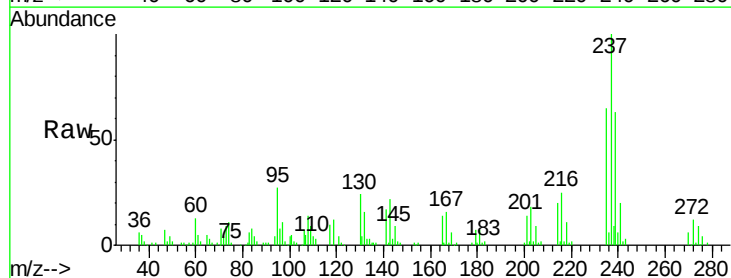


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

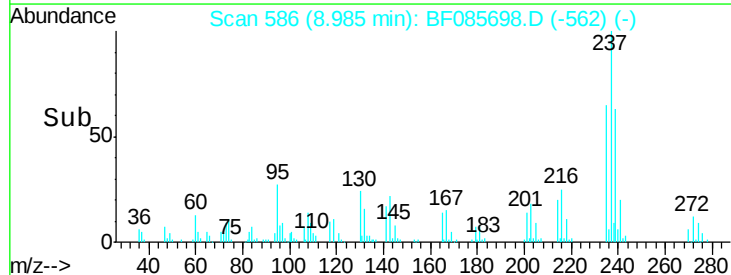
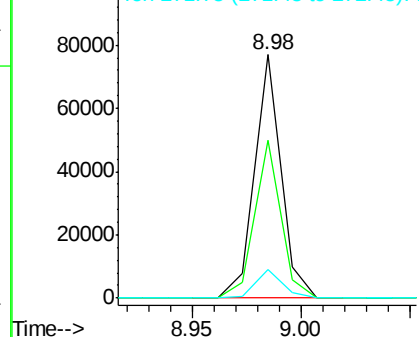


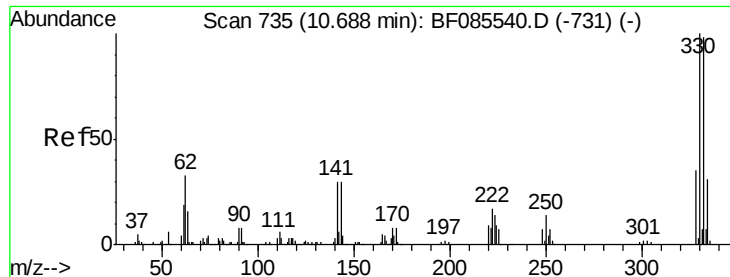
#40
 Hexachlorocyclopentadiene
 Concen: 19.22 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:237	Resp:	64711
Ion Ratio	Lower	Upper
237	100	
235	65.0	43.7 83.7
272	11.5	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

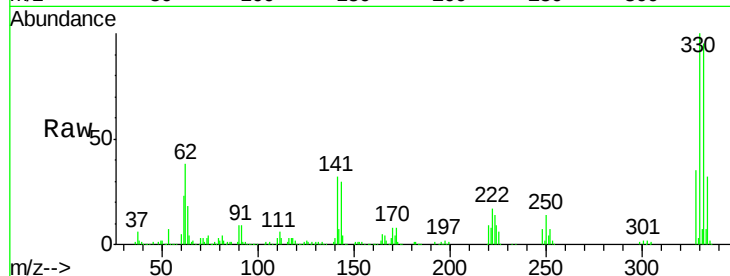




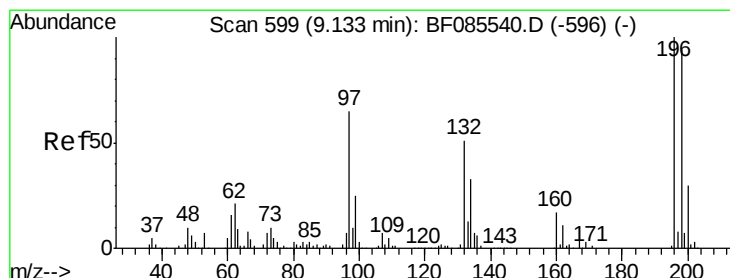
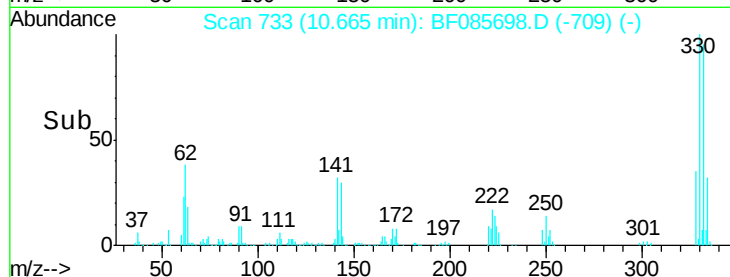
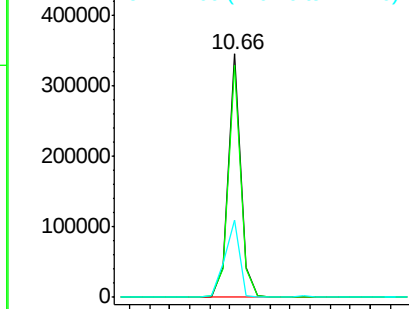
#41
 2,4,6-Tribromophenol
 Concen: 124.39 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.2	117.2
141	38.2	31.5	47.3

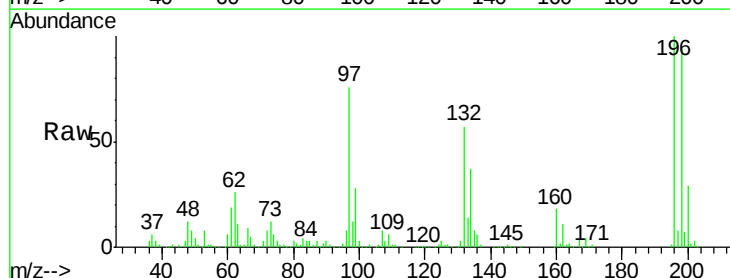


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

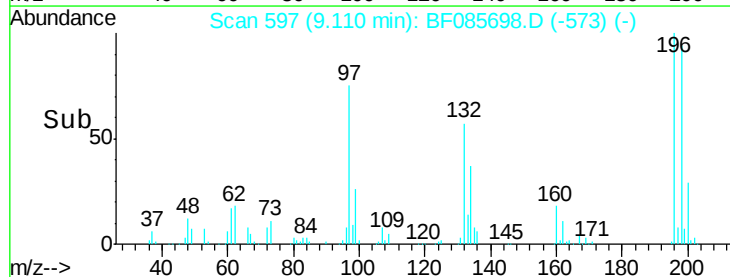
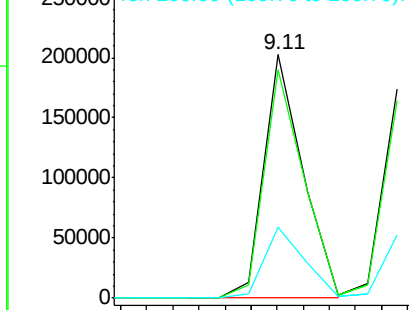


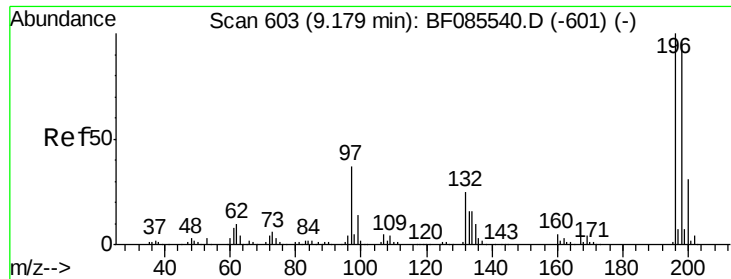
#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.3	112.9
200	29.2	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

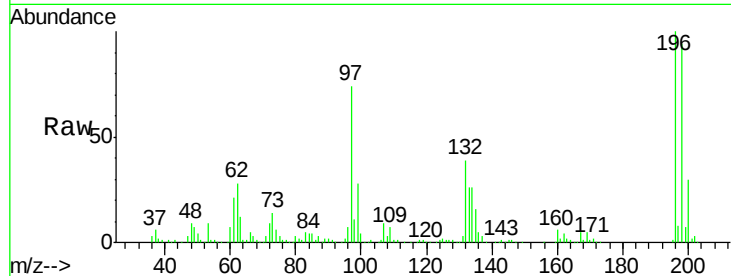




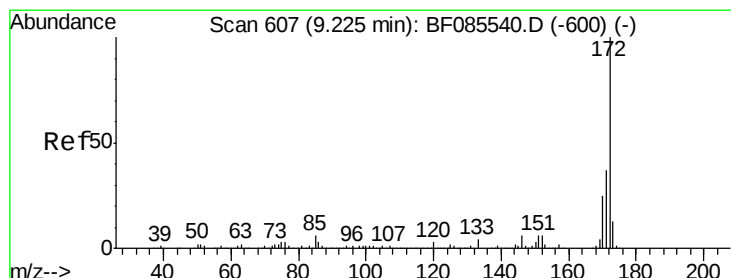
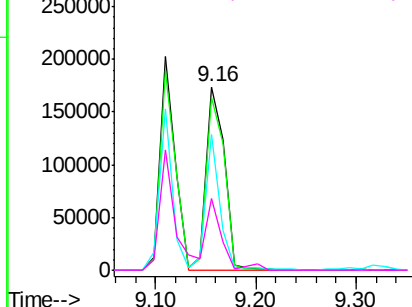
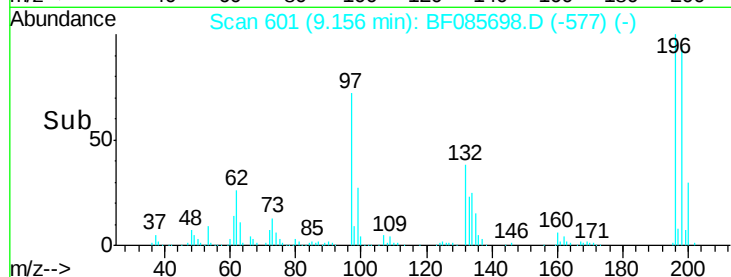
#43
 2,4,5-Trichlorophenol
 Concen: 42.28 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 219992
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 97 73.8 30.5 45.7#
 132 38.8 20.2 30.2#

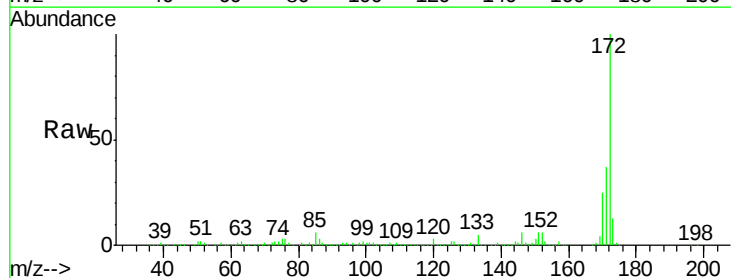


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

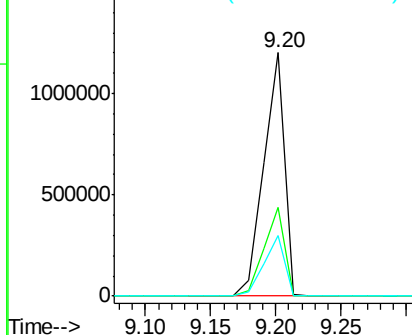
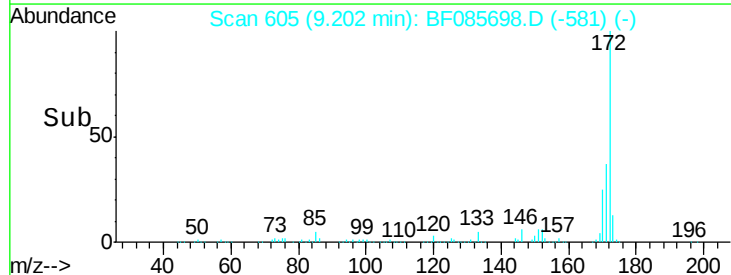


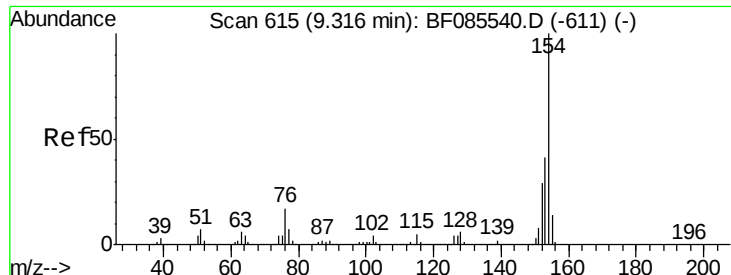
#44
 2-Fluorobiphenyl
 Concen: 95.96 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:172 Resp: 1340506
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.0 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 37.20 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

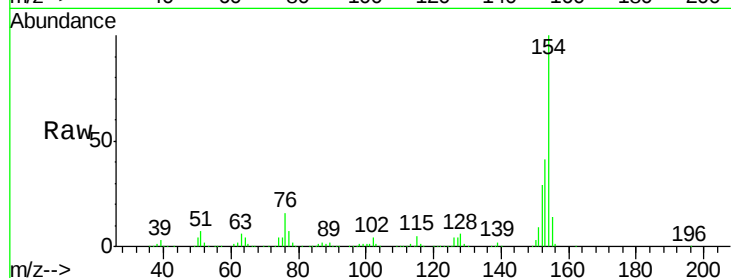
Tot Ion:154 Resp: 790108

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

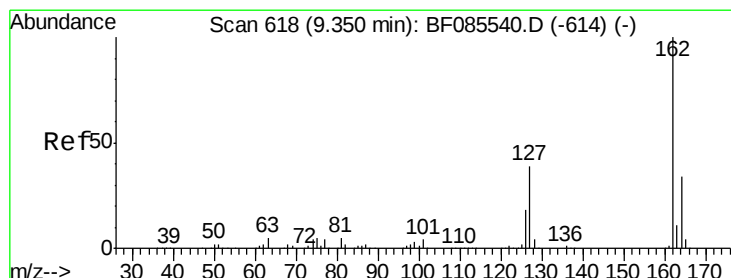
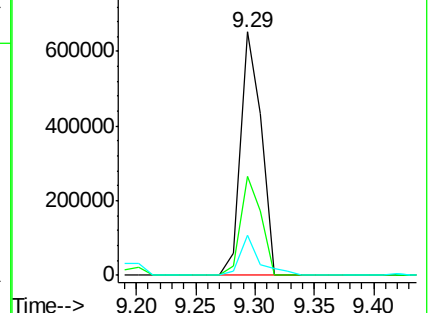
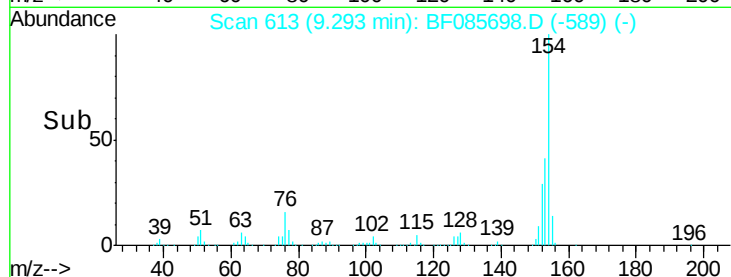
76 16.3 0.0 36.7



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: 42.98 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

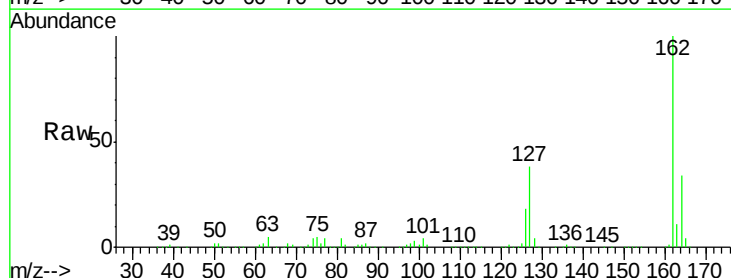
Tgt Ion:162 Resp: 666866

Ion Ratio Lower Upper

162 100

127 38.0 31.7 47.5

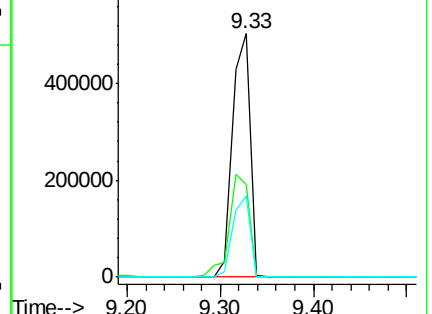
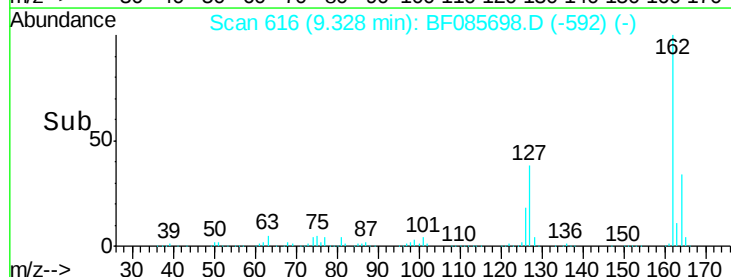
164 33.5 27.3 40.9

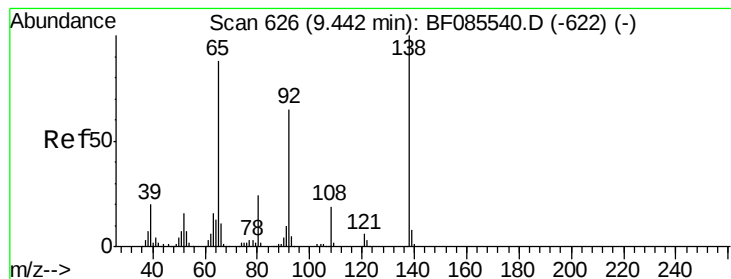


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.78 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

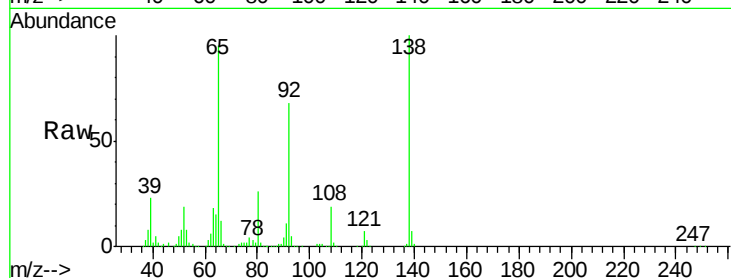
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 65 Resp: 200797

Ion	Ratio	Lower	Upper
65	100		
92	71.7	59.7	89.5
138	104.9	91.4	137.0

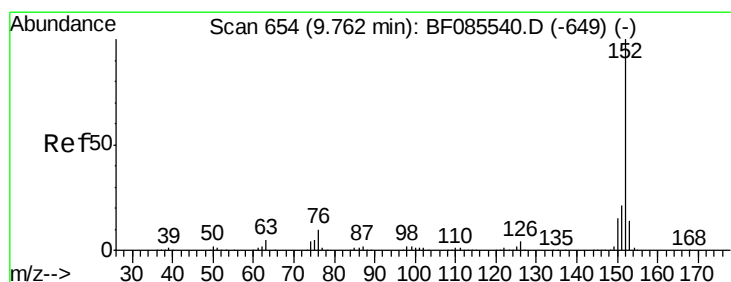
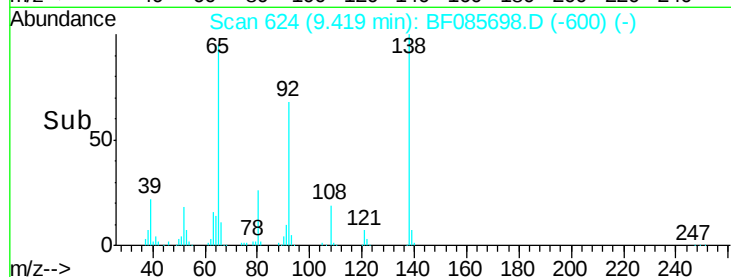
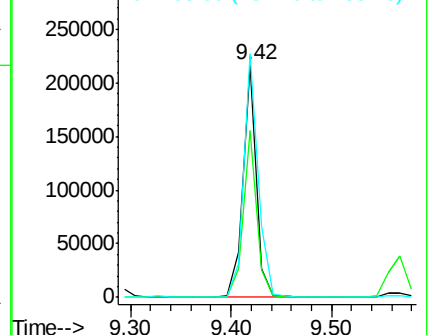


Abundance

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.35 ng

RT: 9.74 min Scan# 652

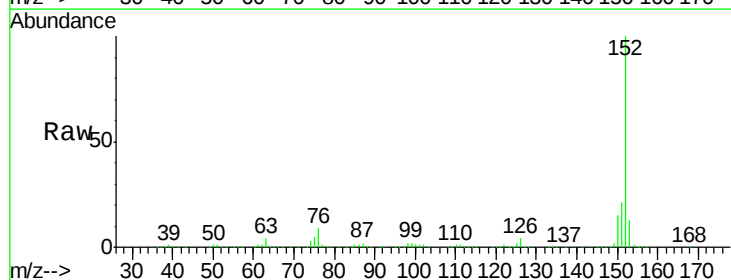
Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Tgt Ion: 152 Resp: 1063533

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.4	10.9	16.3

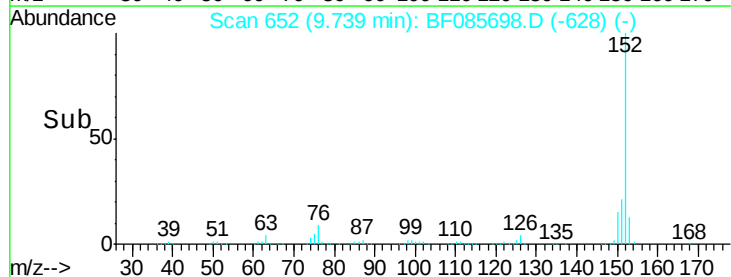
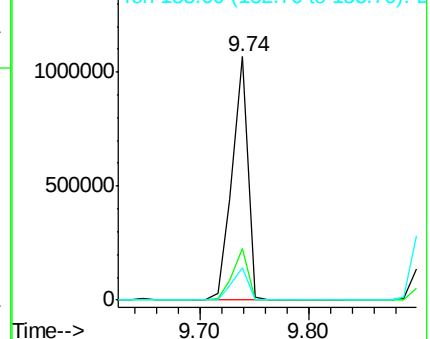


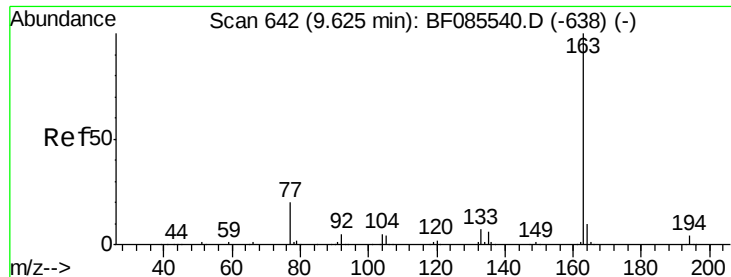
Abundance

Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0

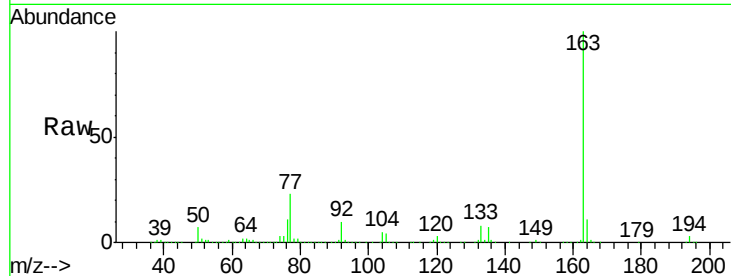




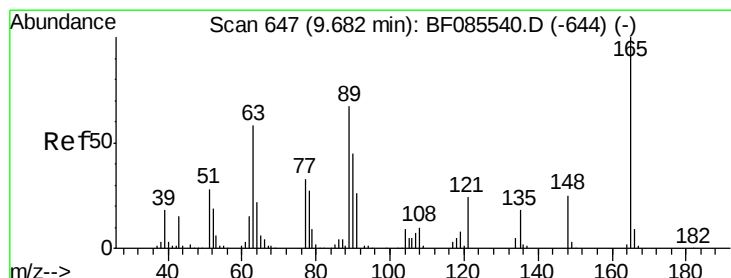
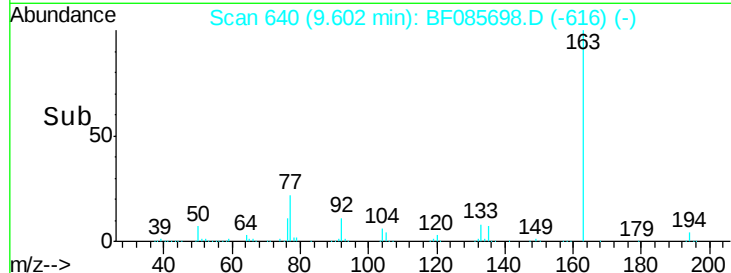
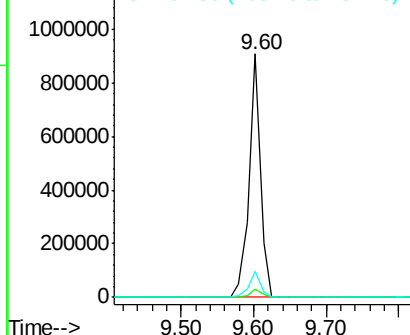
#49
Dimethylphthalate
Concen: 53.23 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 989075
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.9 8.3 12.5

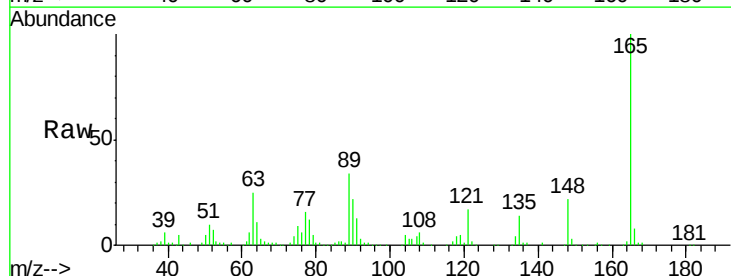


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

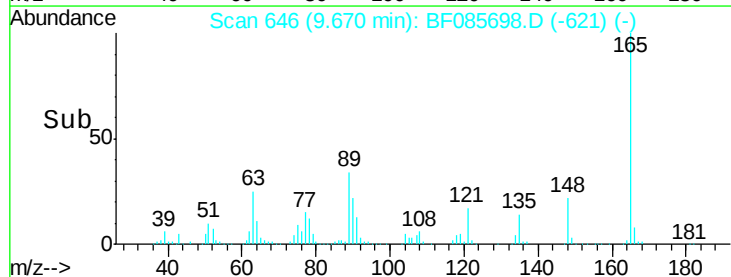
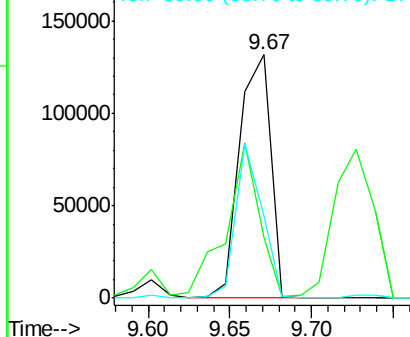


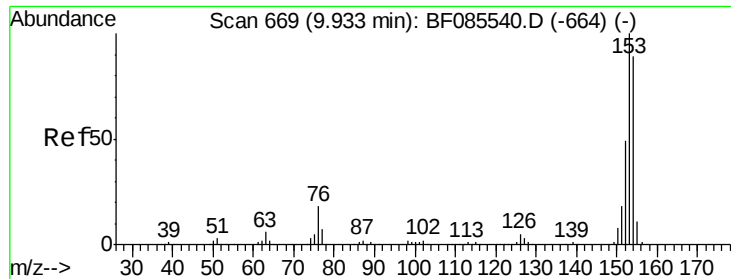
#50
2,6-Dinitrotoluene
Concen: 44.15 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:165 Resp: 173165
Ion Ratio Lower Upper
165 100
63 24.8 51.8 77.8#
89 33.8 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: 41.22 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

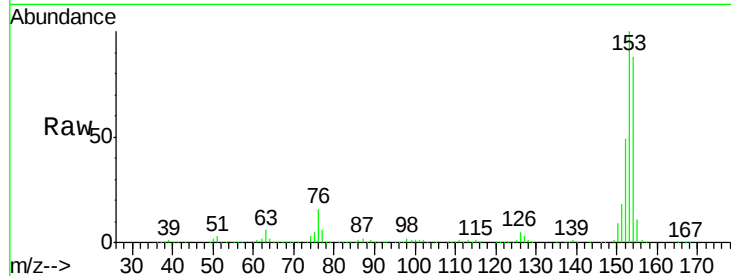
Tot Ion:154 Resp: 649520

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

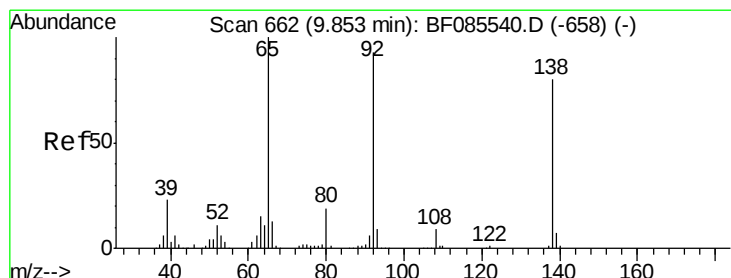
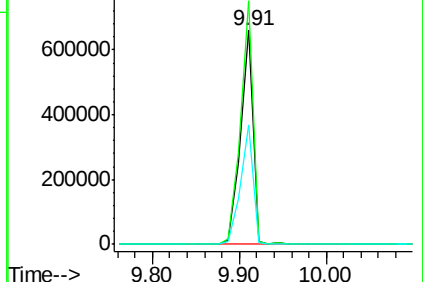
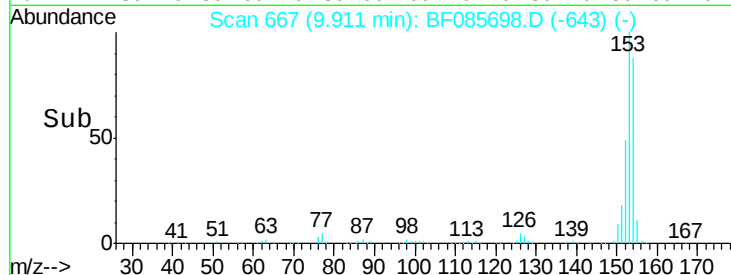
152 55.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.16 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

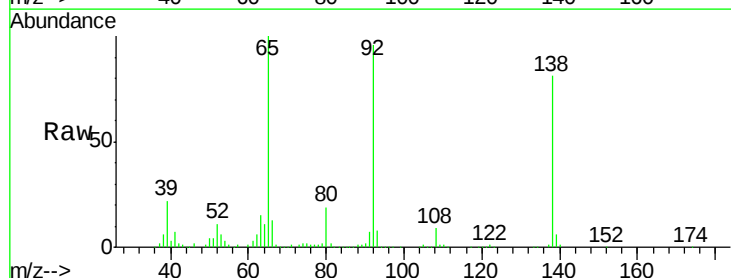
Tgt Ion:138 Resp: 143264

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

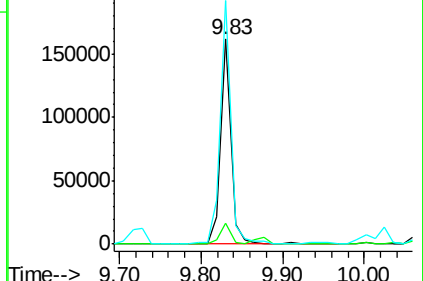
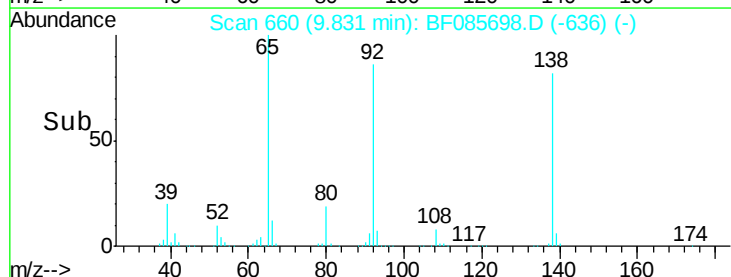
92 119.0 93.3 139.9

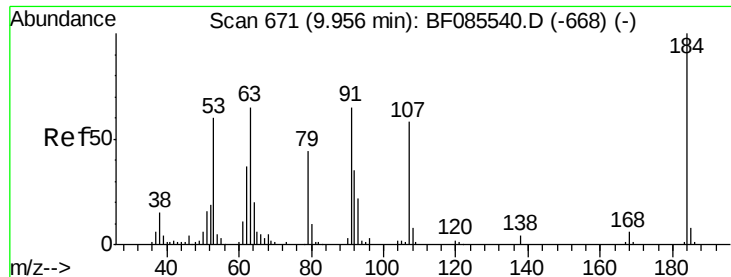


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

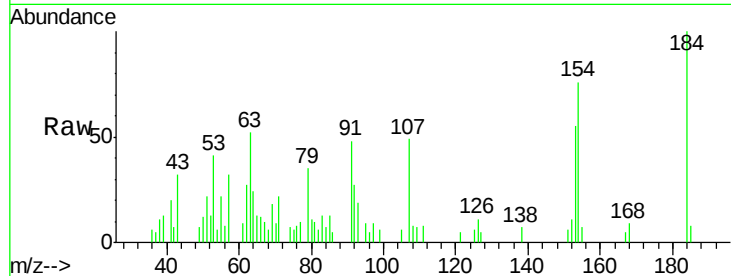




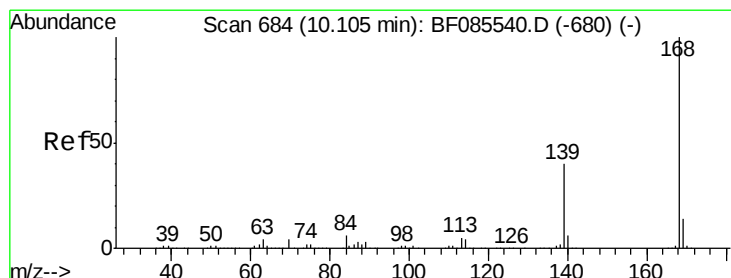
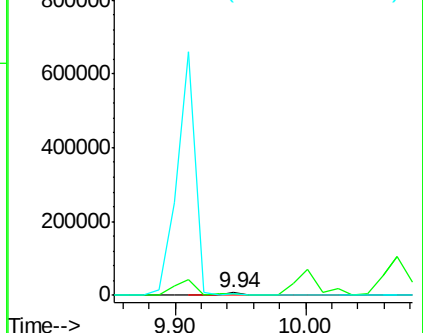
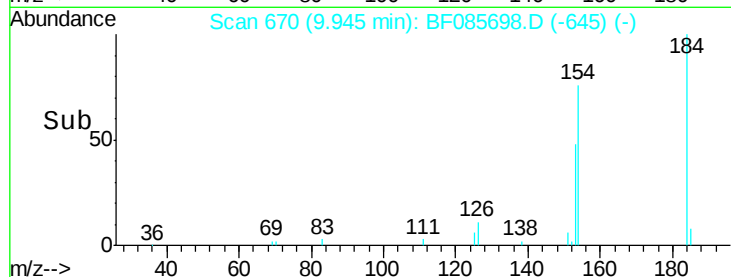
#53
 2,4-Dinitrophenol
 Concen: 3.70 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 8902
 Ion Ratio Lower Upper
 184 100
 63 51.6 69.5 104.3#
 154 75.6 58.3 87.5

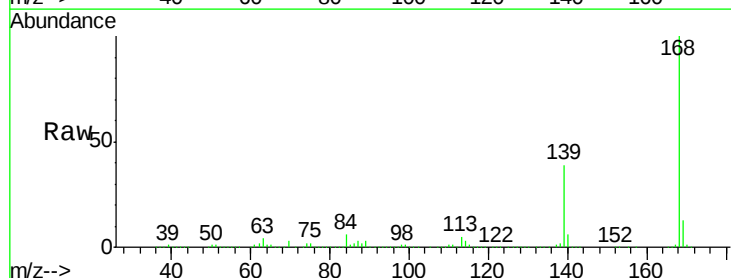


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

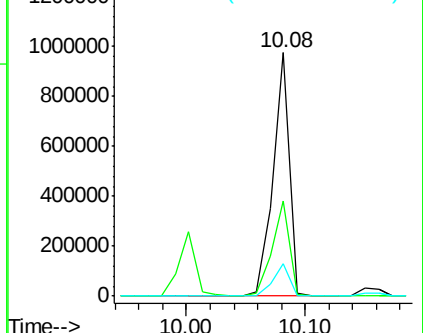
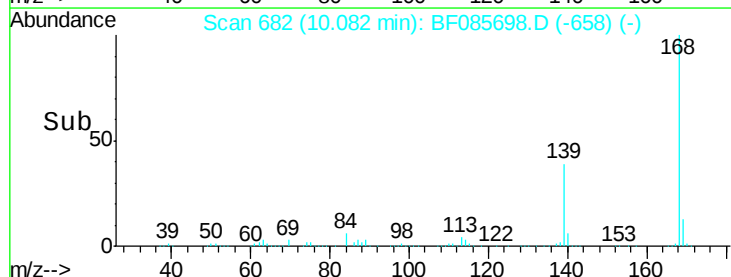


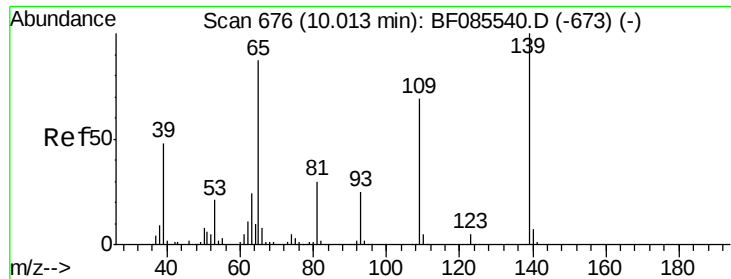
#54
 Dibenzofuran
 Concen: 48.52 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:168 Resp: 931010
 Ion Ratio Lower Upper
 168 100
 139 39.3 31.9 47.9
 169 13.4 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

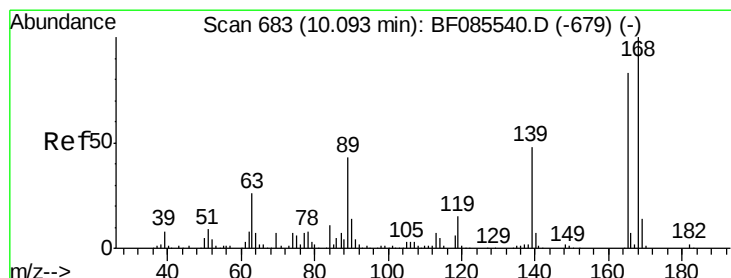
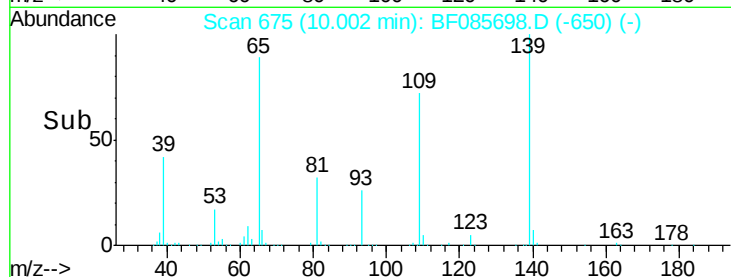
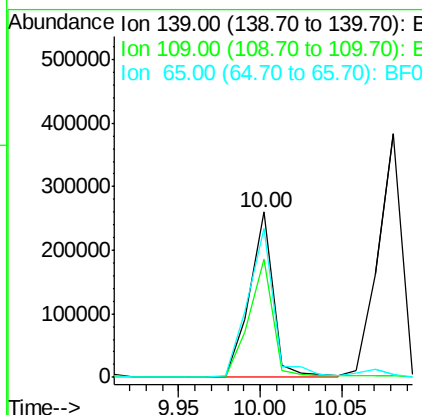
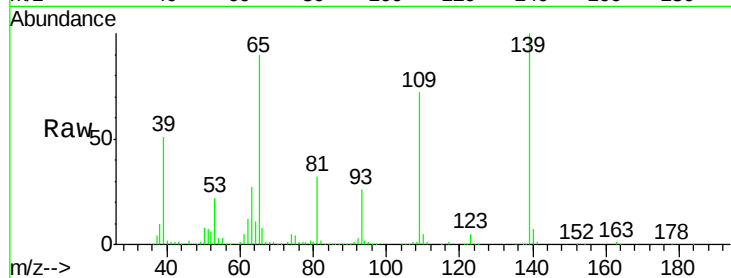




#55
4-Nitrophenol
Concen: 69.01 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

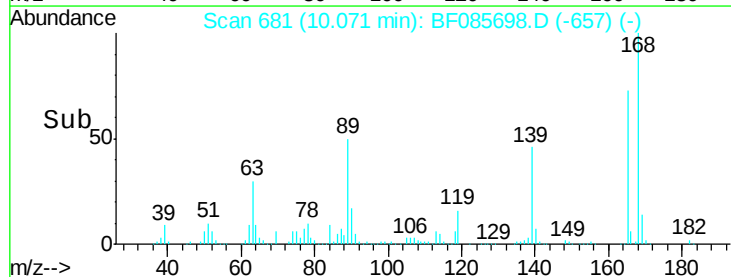
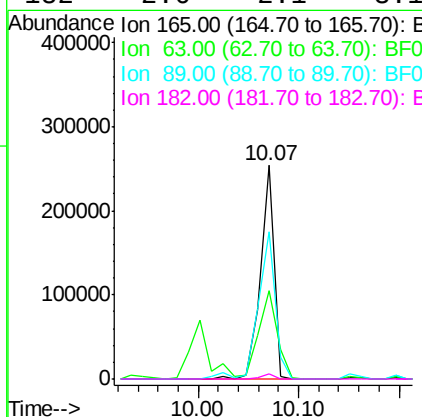
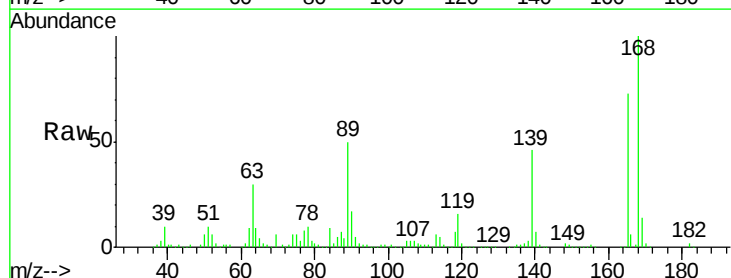
Instrument :
BNA_F
ClientSampled :

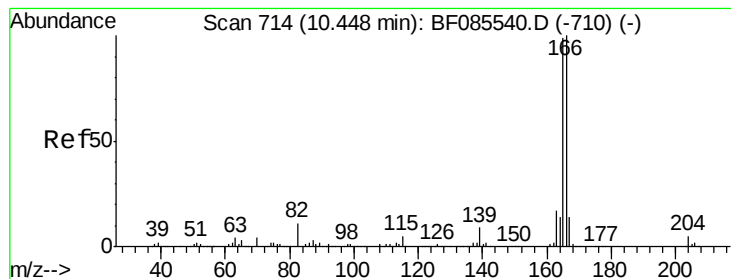
Tot Ion:139 Resp: 262033
Ion Ratio Lower Upper
139 100
109 71.7 49.2 89.2
65 90.3 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 46.73 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:165 Resp: 240014
Ion Ratio Lower Upper
165 100
63 41.4 24.9 37.3#
89 68.7 41.0 61.6#
182 2.6 2.1 3.1





#57

Fluorene

Concen: 43.50 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

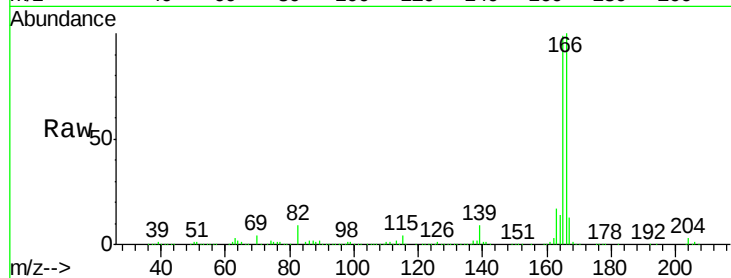
Tot Ion:166 Resp: 695642

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.0

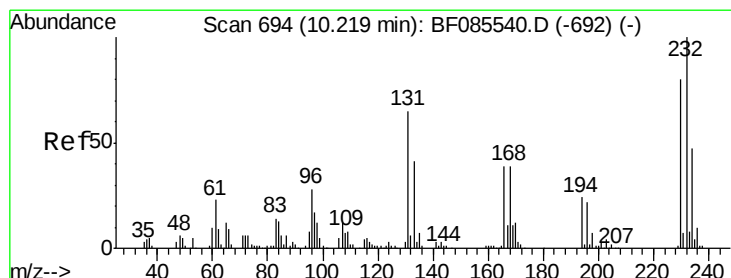
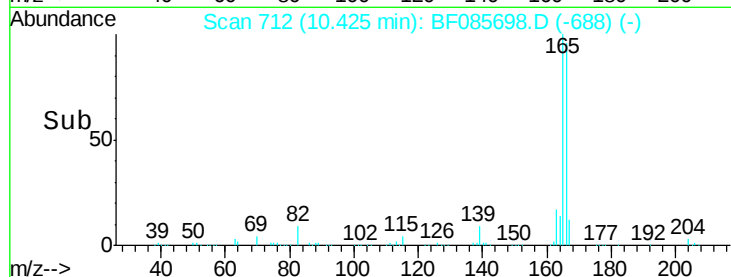
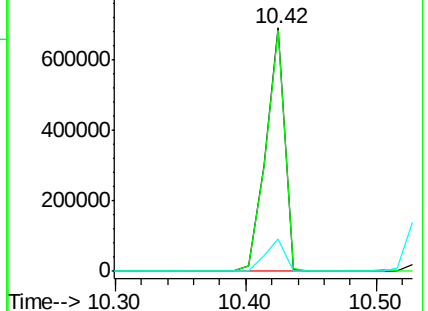
167 13.3 11.0 16.4



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: 41.73 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Tgt Ion:232 Resp: 156336

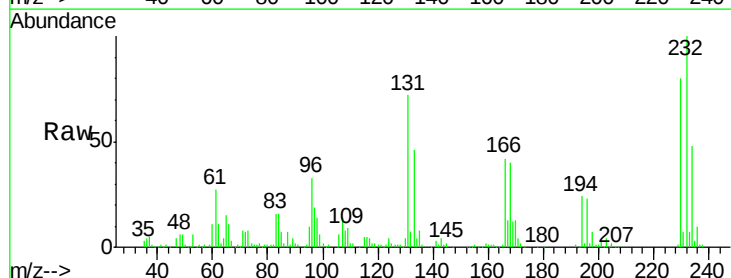
Ion Ratio Lower Upper

232 100

131 56.3 44.9 67.3

130 3.1 2.3 3.5

166 34.1 28.1 42.1

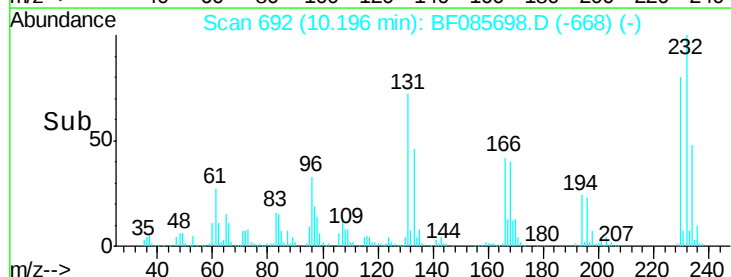
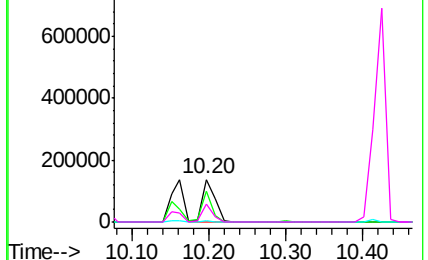


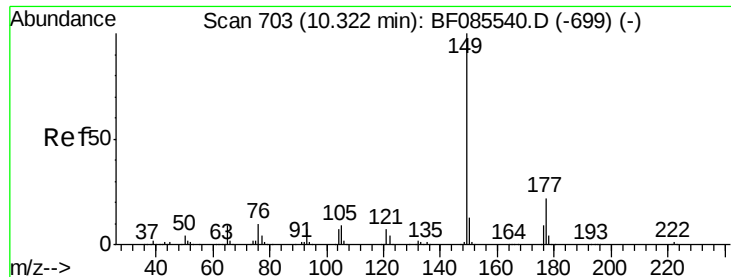
Abundance Ion 232.00 (231.70 to 232.70): E

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

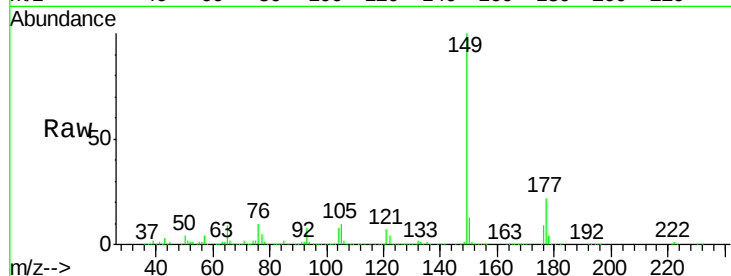




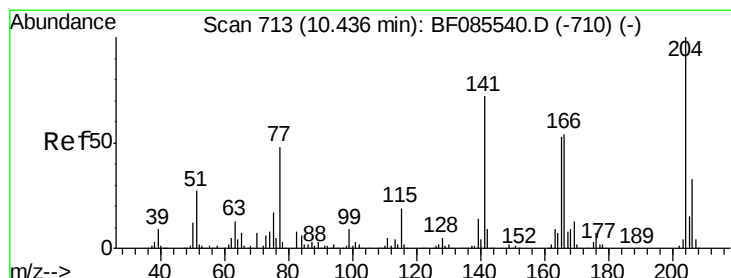
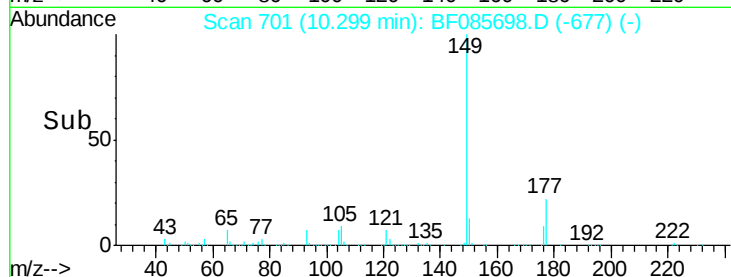
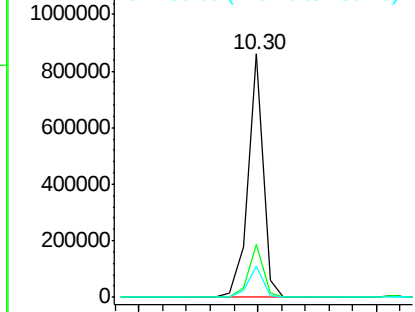
#59
Diethylphthalate
Concen: 41.41 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 765049
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.9 10.2 15.2

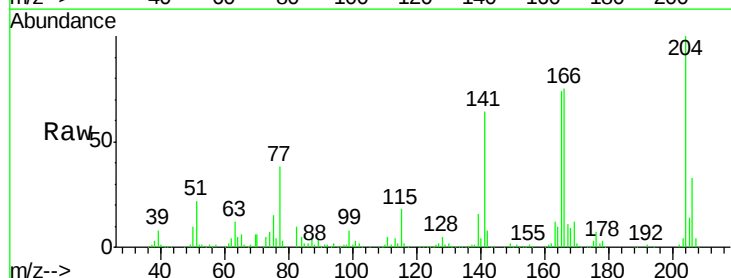


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

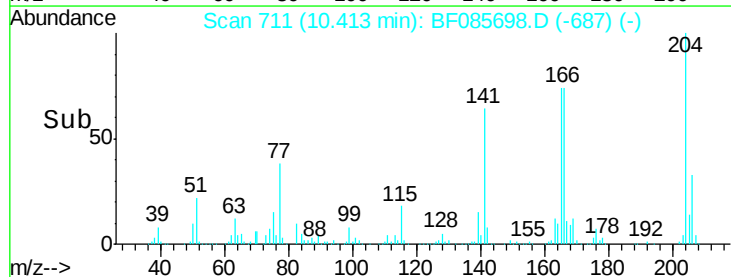
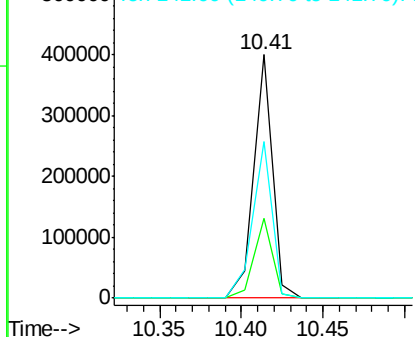


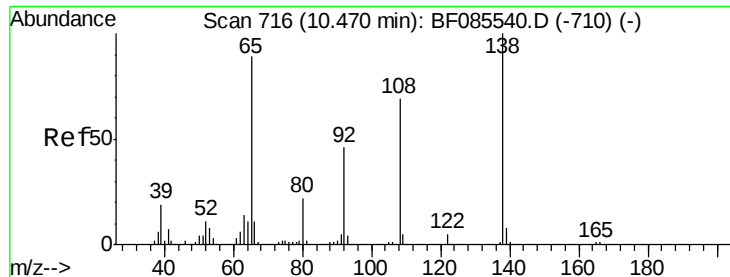
#60
4-Chlorophenyl-phenylether
Concen: 41.04 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:204 Resp: 320533
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 64.5 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

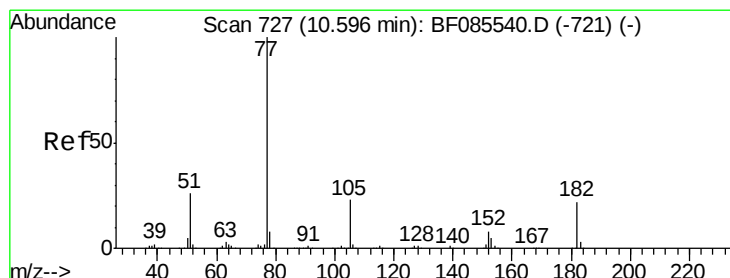
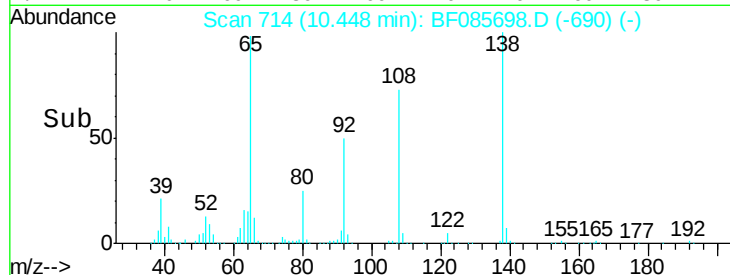
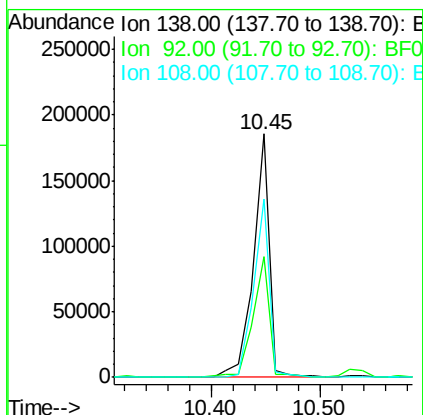
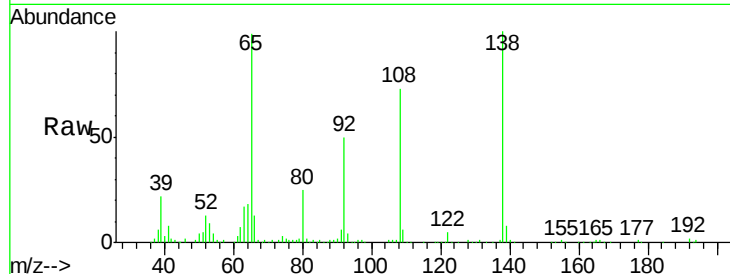




#61
 4-Nitroaniline
 Concen: 39.51 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

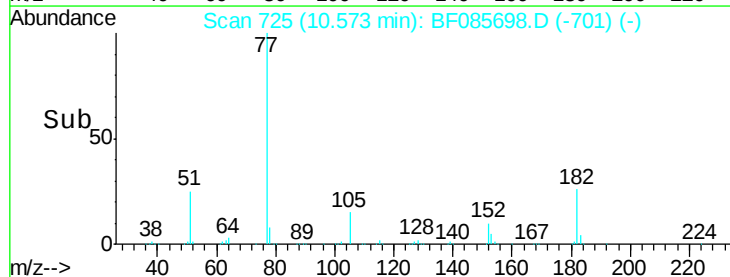
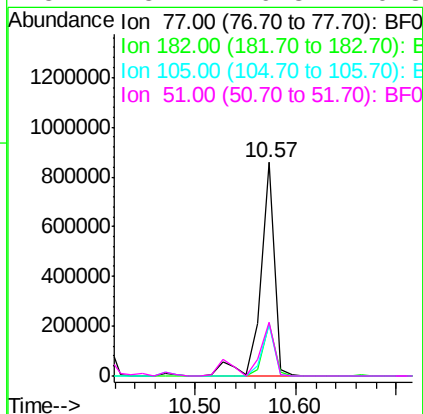
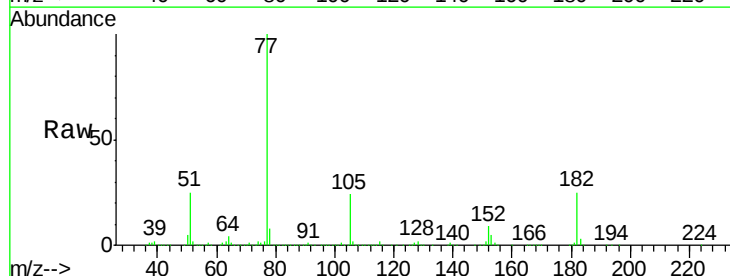
Instrument :
 BNA_F
 ClientSampled :

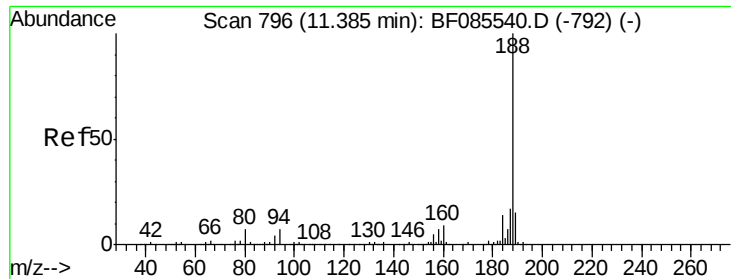
Tot Ion:138 Resp: 191334
 Ion Ratio Lower Upper
 138 100
 92 49.6 26.4 66.4
 108 73.4 49.0 89.0



#62
 Azobenzene
 Concen: 46.52 ng
 RT: 10.57 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion: 77 Resp: 824587
 Ion Ratio Lower Upper
 77 100
 182 24.8 1.9 41.9
 105 24.1 3.5 43.5
 51 25.4 6.3 46.3

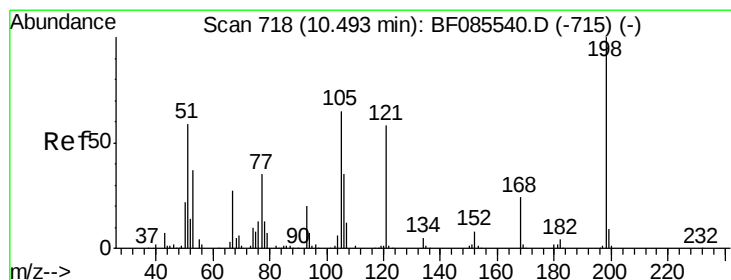
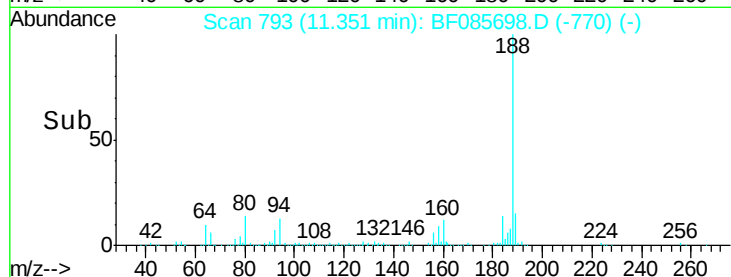
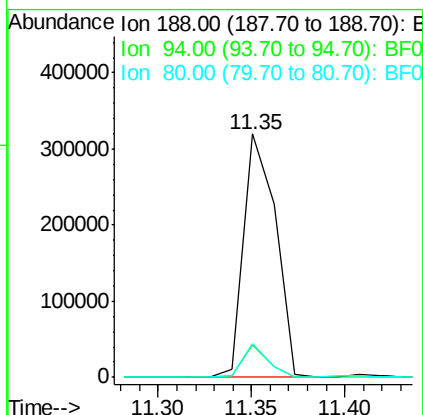
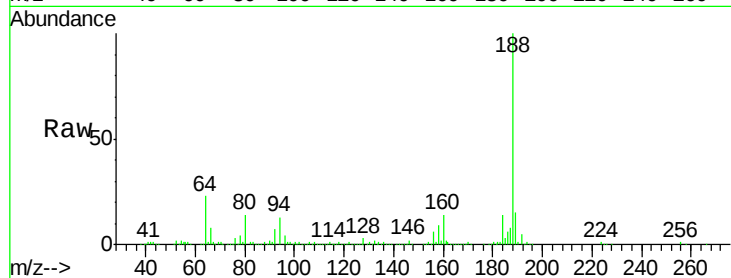




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

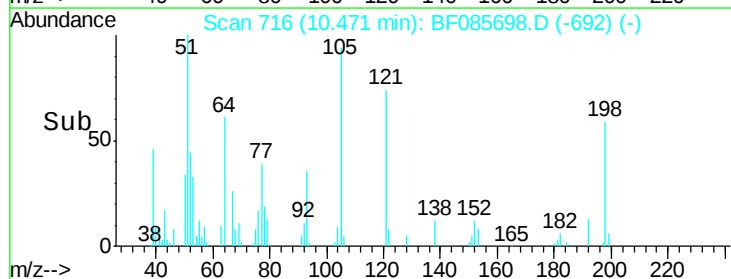
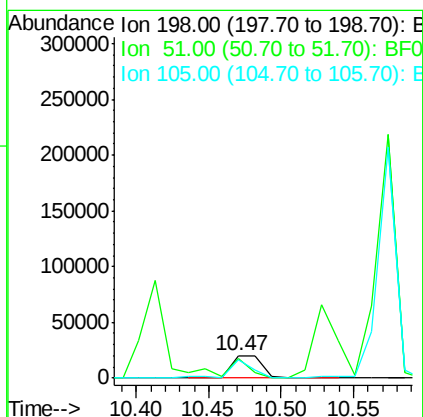
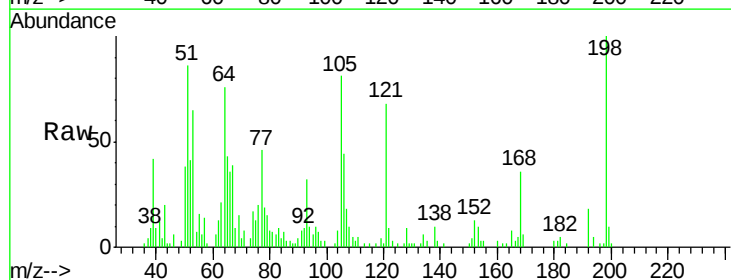
Instrument :
BNA_F
ClientSampleId :

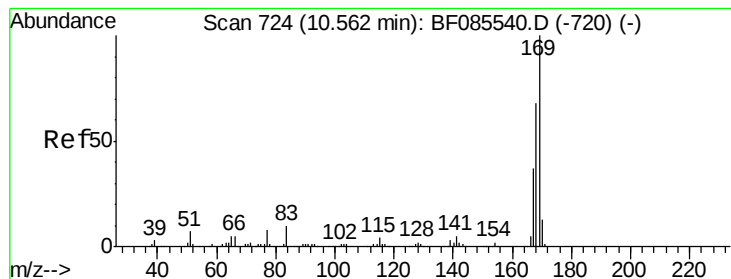
Tot Ion:188 Resp: 386356
Ion Ratio Lower Upper
188 100
94 13.2 5.4 8.0#
80 14.0 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 11.93 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:198 Resp: 29495
Ion Ratio Lower Upper
198 100
51 86.5 45.4 85.4#
105 81.1 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 51.96 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

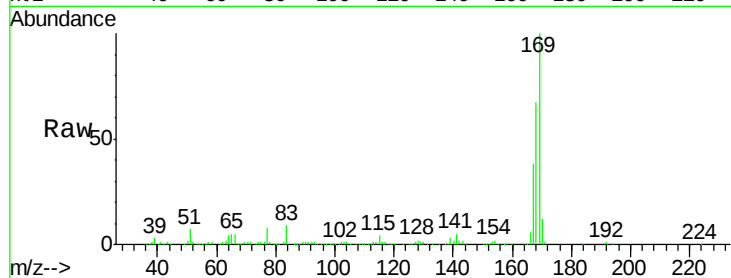
Tot Ion:169 Resp: 625330

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

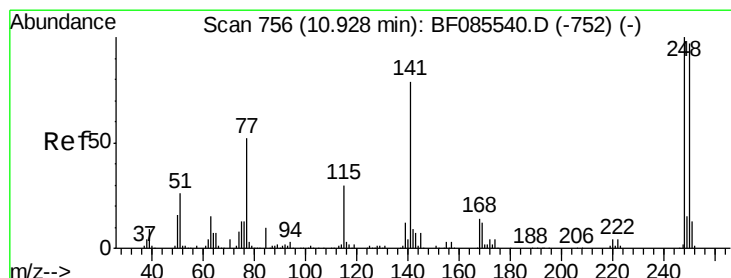
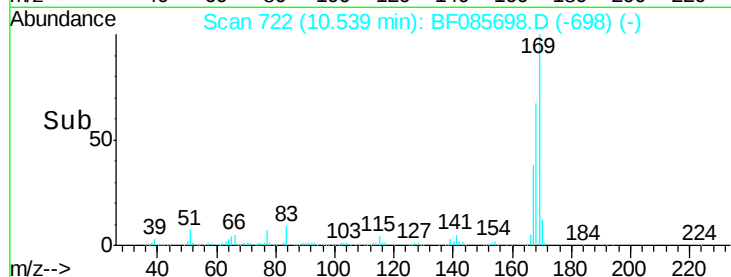
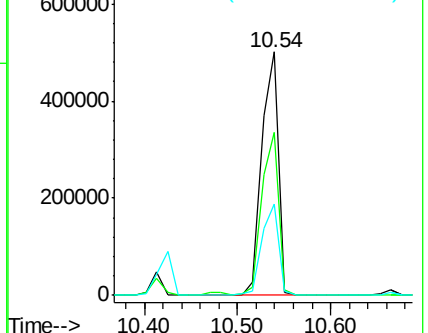
167 37.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.82 ng

RT: 10.90 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

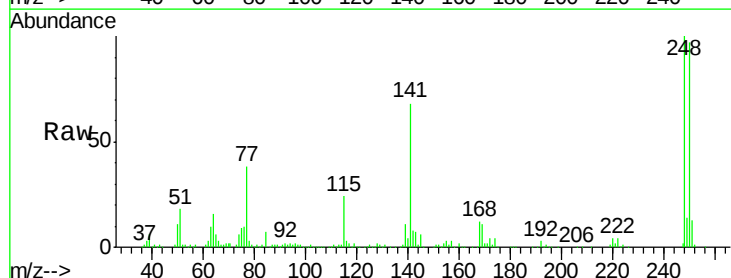
Tgt Ion:248 Resp: 196127

Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.0

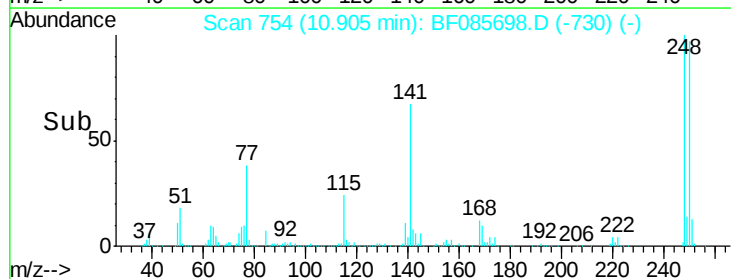
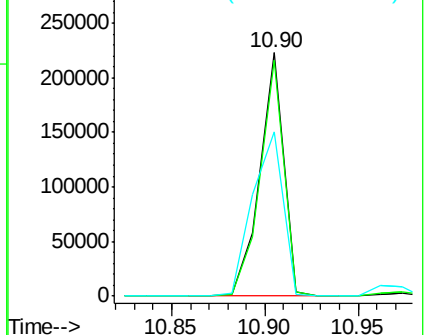
141 67.7 63.6 95.4

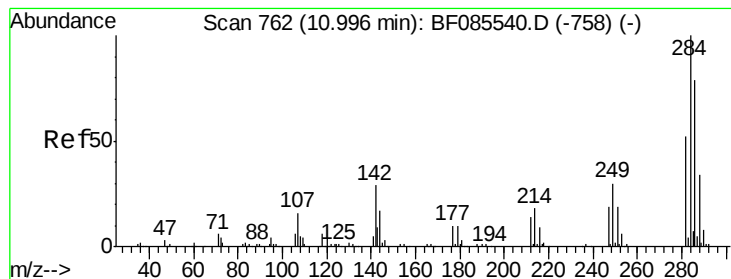


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.83 ng

RT: 10.97 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

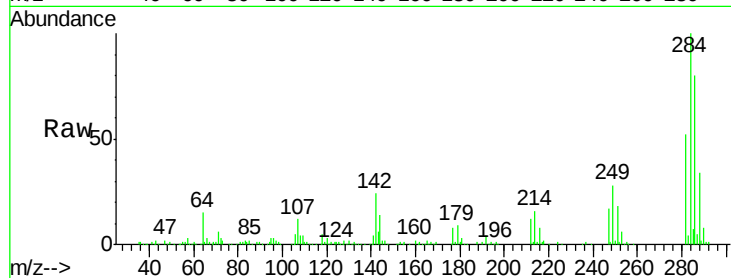
Tot Ion:284 Resp: 200238

Ion Ratio Lower Upper

284 100

142 23.6 23.1 34.7

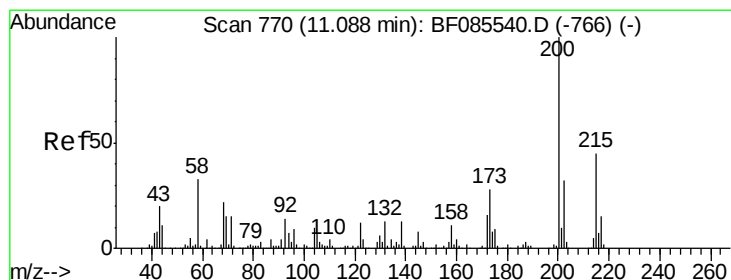
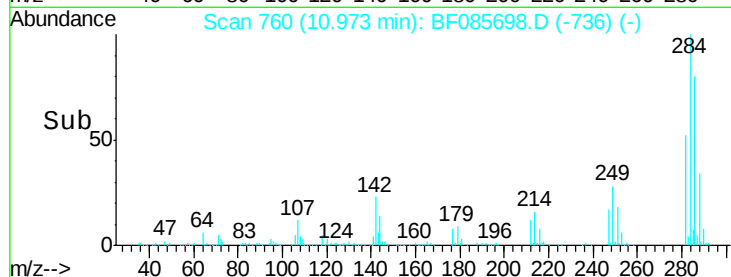
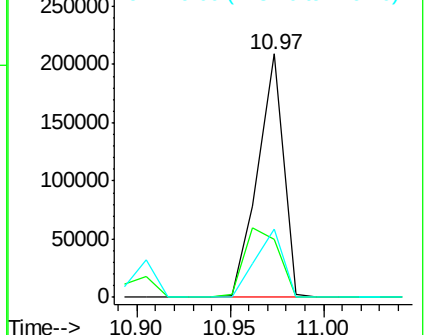
249 28.2 24.2 36.2



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: 52.15 ng

RT: 11.06 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

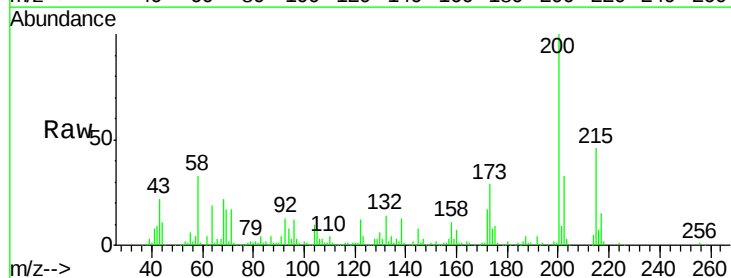
Tgt Ion:200 Resp: 191075

Ion Ratio Lower Upper

200 100

173 29.2 7.7 47.7

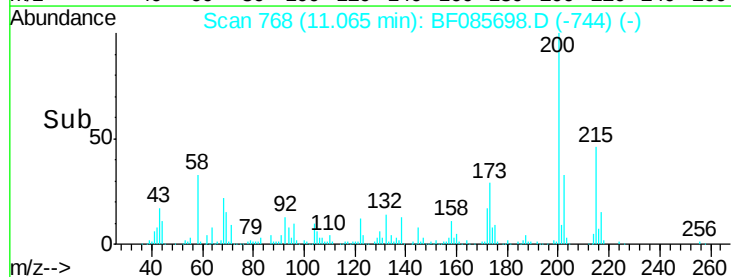
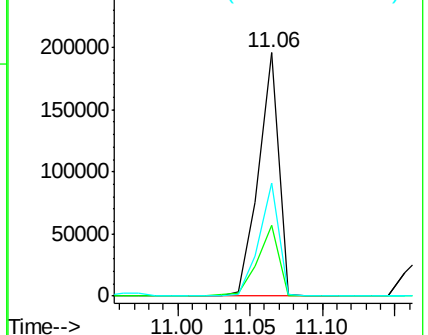
215 46.3 25.4 65.4



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

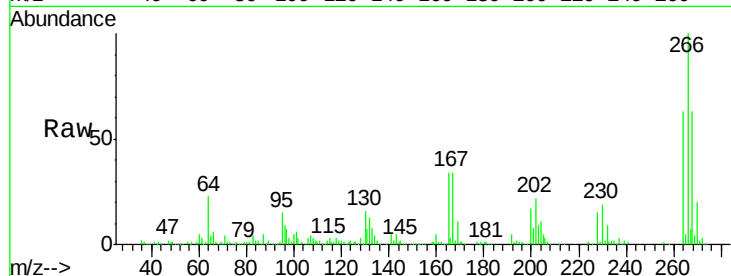




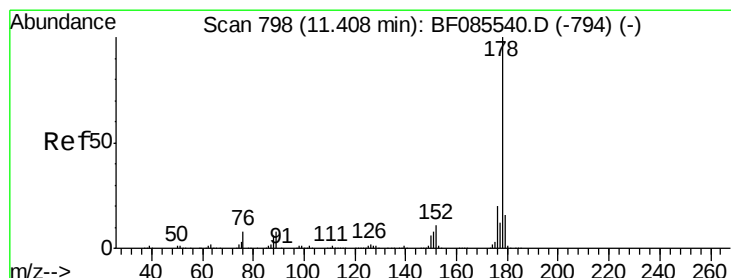
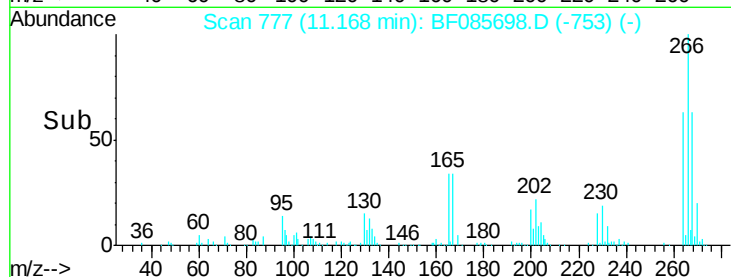
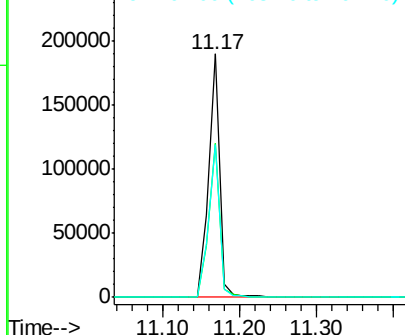
#69
 Pentachlorophenol
 Concen: 75.83 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 188772
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.5 77.3
 264 62.6 50.6 76.0

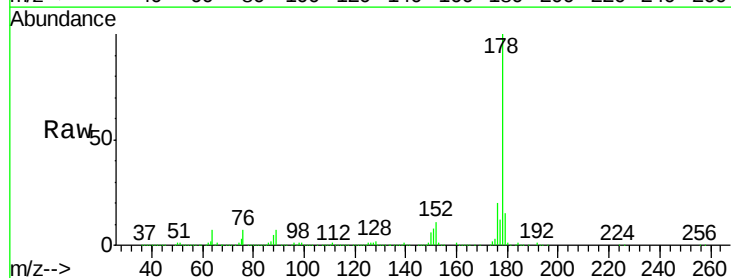


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

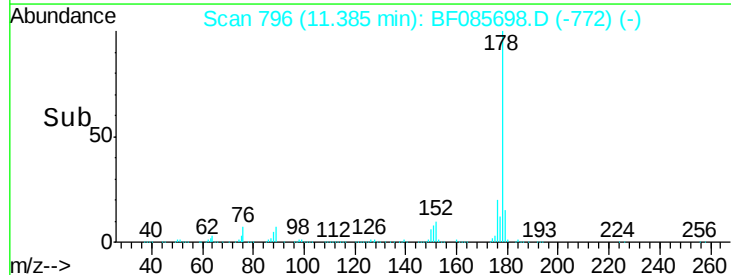
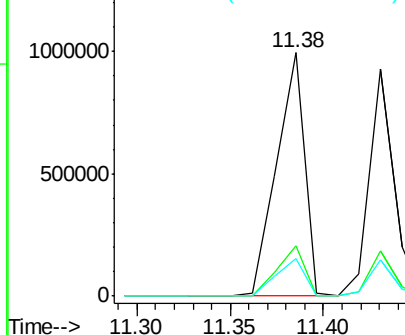


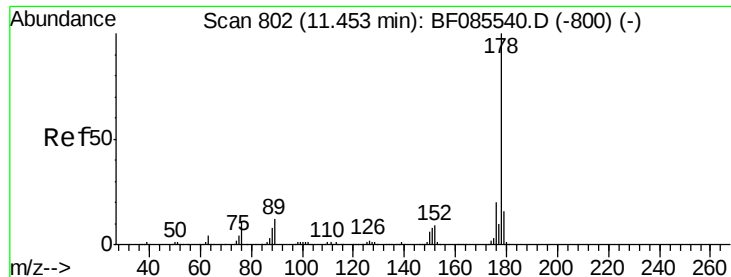
#70
 Phenanthrene
 Concen: 50.81 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:178 Resp: 1035087
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 15.5 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

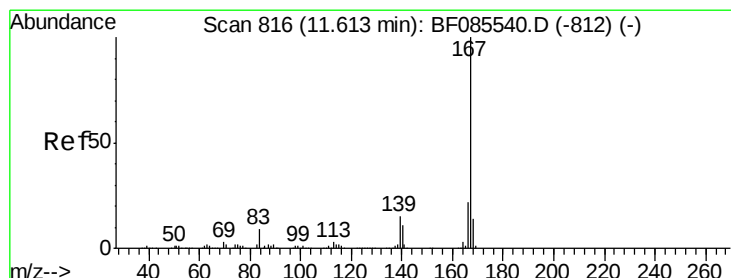
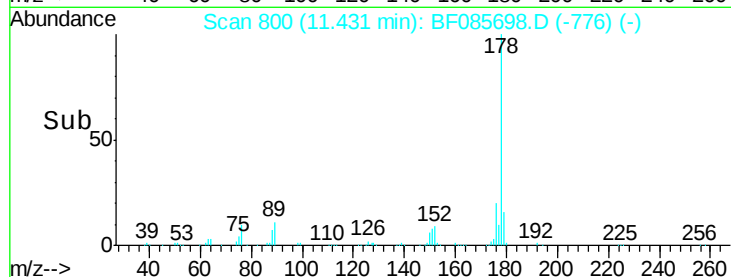
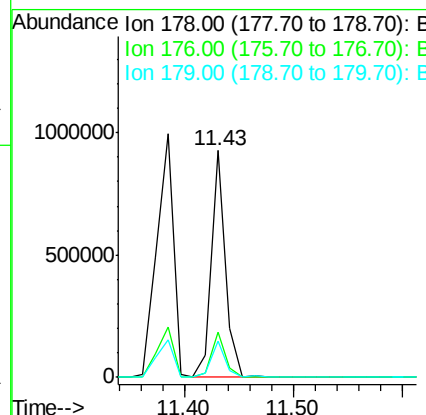
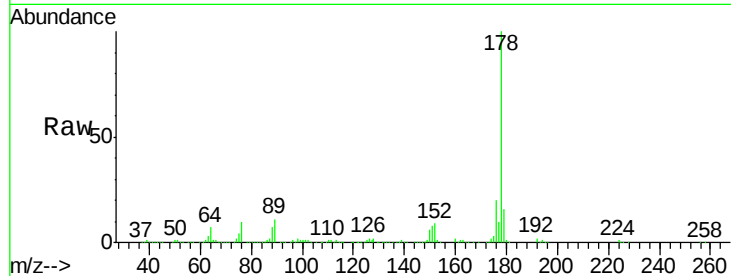




#71
 Anthracene
 Concen: 39.68 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

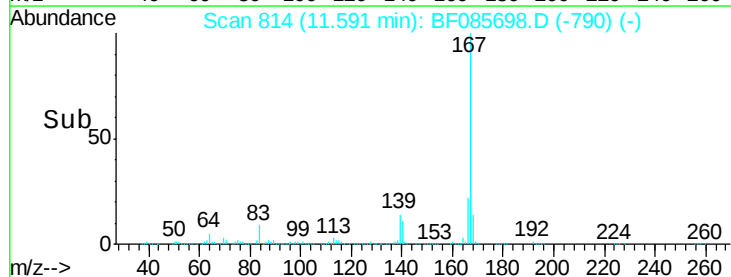
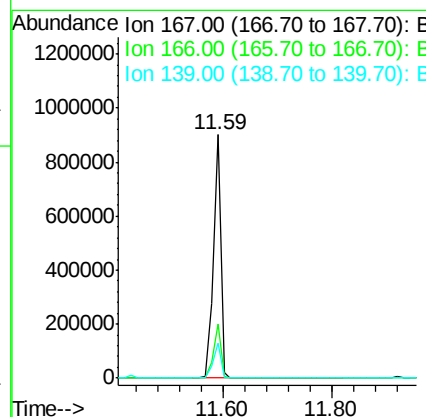
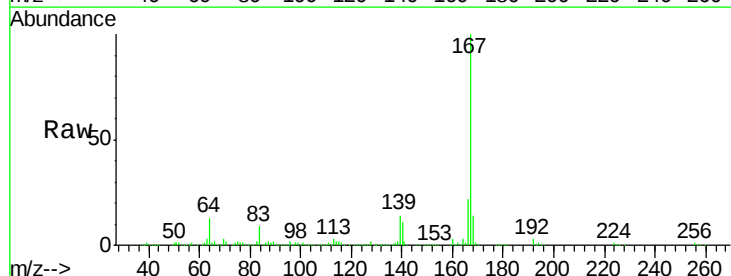
Instrument :
 BNA_F
 ClientSampled :

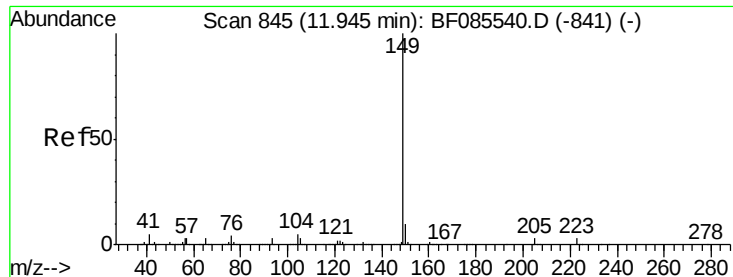
Tot Ion:178 Resp: 847680
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.9 13.0 19.4



#72
 Carbazole
 Concen: 45.20 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:167 Resp: 832950
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 14.3 11.6 17.4





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

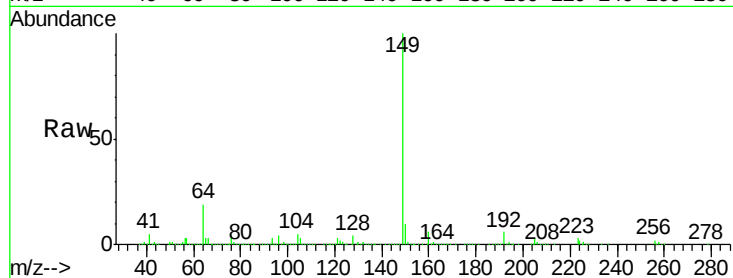
Tot Ion:149 Resp: 1053737

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

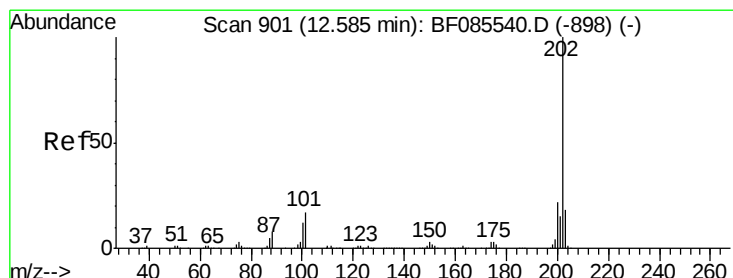
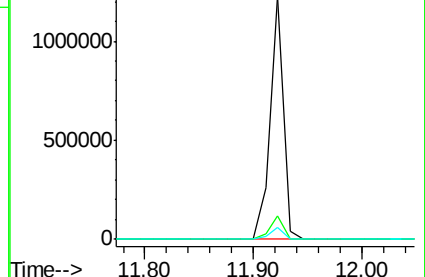
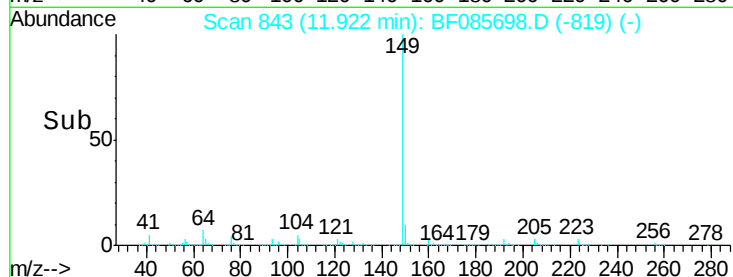
104 4.9 3.8 5.8



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: 38.81 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

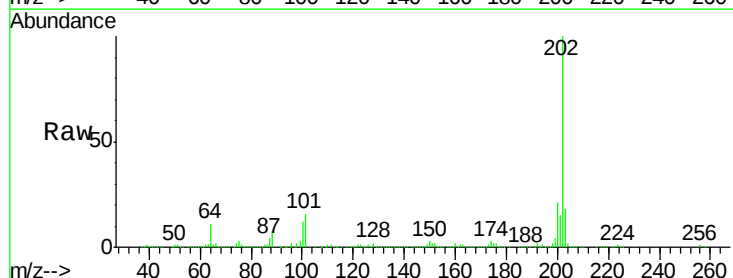
Tgt Ion:202 Resp: 827915

Ion Ratio Lower Upper

202 100

101 15.8 0.0 36.6

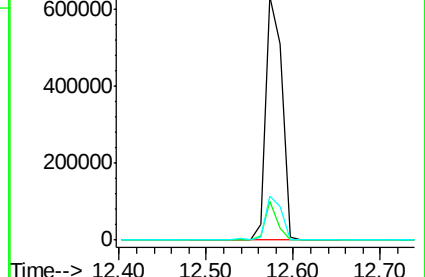
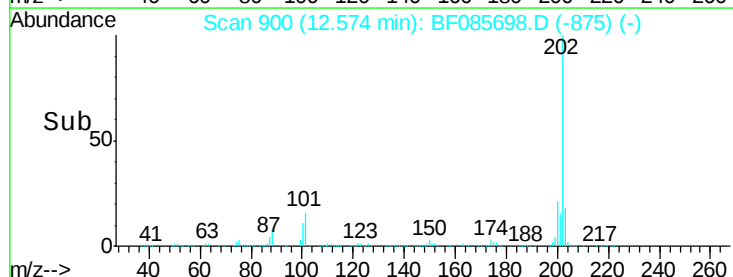
203 17.9 0.0 38.1

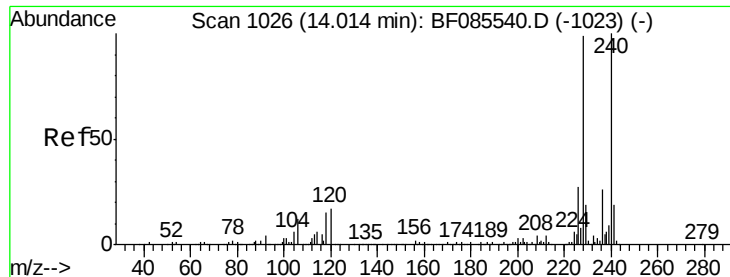


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

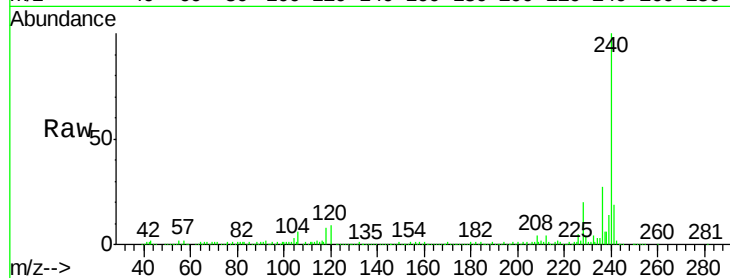
Tot Ion:240 Resp: 233738

Ion Ratio Lower Upper

240 100

120 8.9 13.8 20.8#

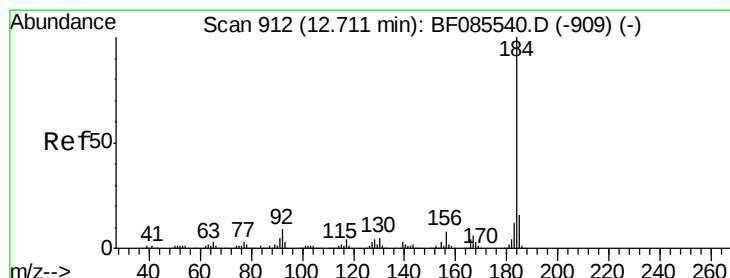
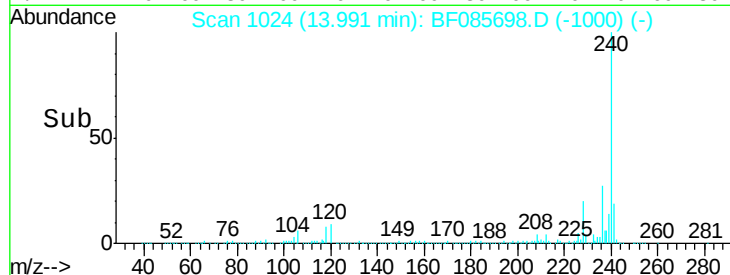
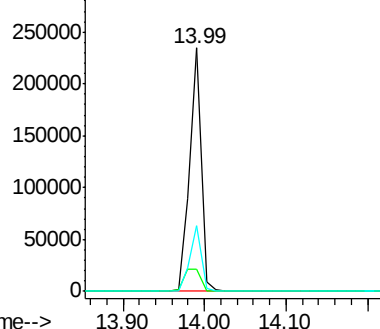
236 27.2 20.6 30.8



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: 31.43 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

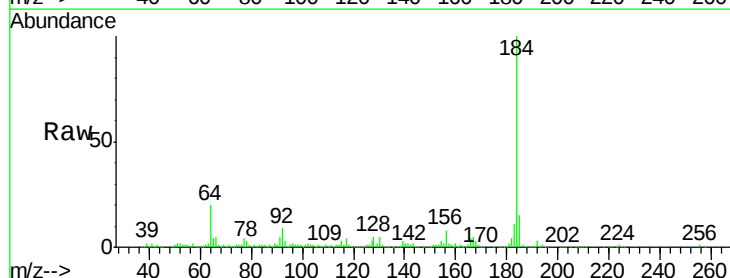
Tgt Ion:184 Resp: 247063

Ion Ratio Lower Upper

184 100

185 15.4 12.4 18.6

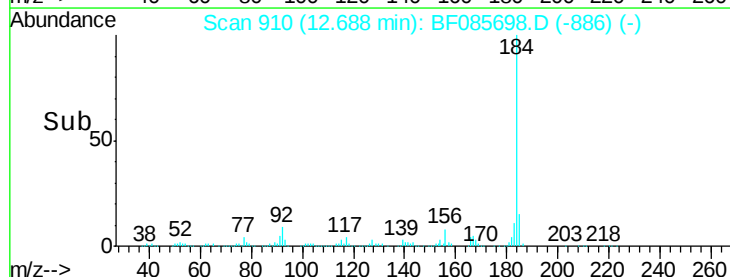
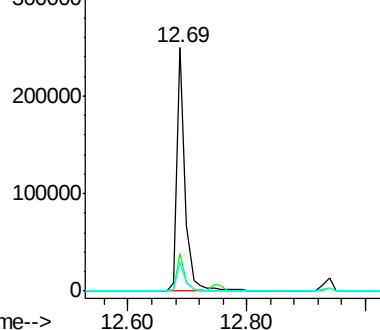
183 11.5 9.4 14.2

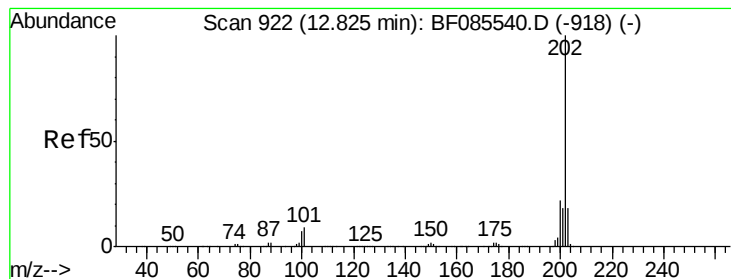


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.84 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

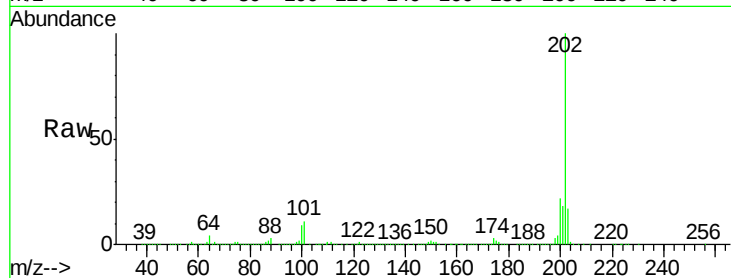
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 836479

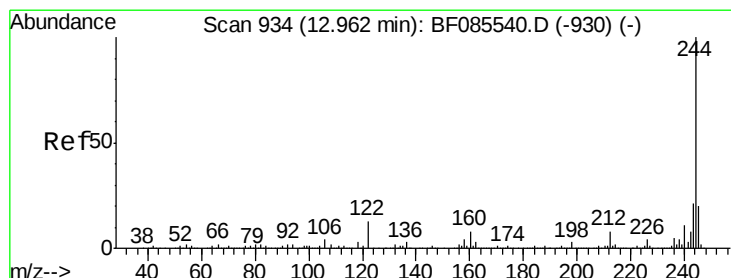
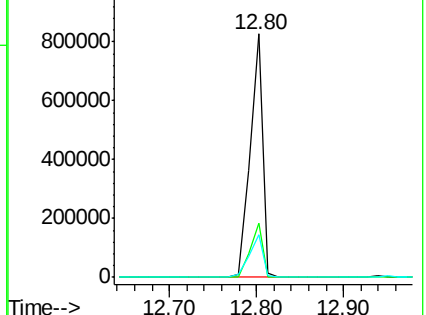
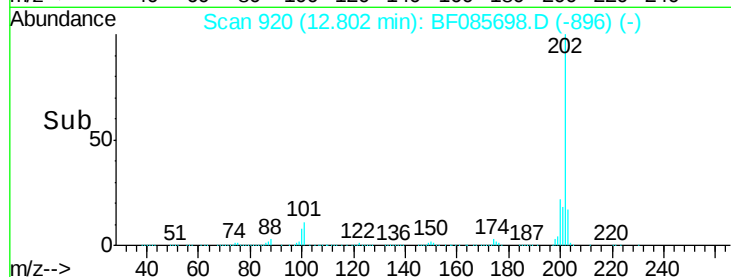
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.4	14.0	21.0



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: 91.43 ng

RT: 12.94 min Scan# 932

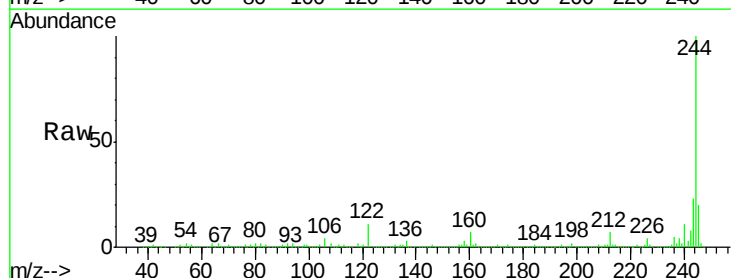
Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Tgt Ion:244 Resp: 888045

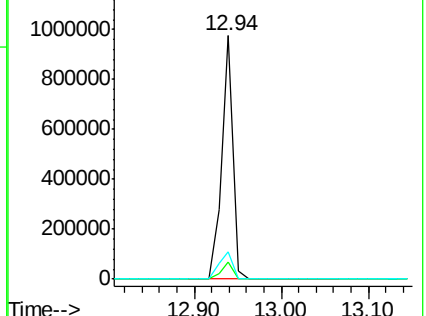
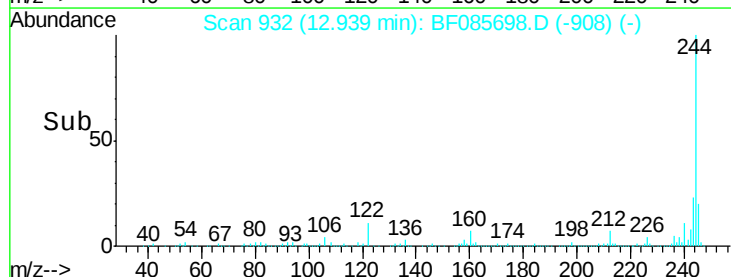
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.0	10.2	15.4

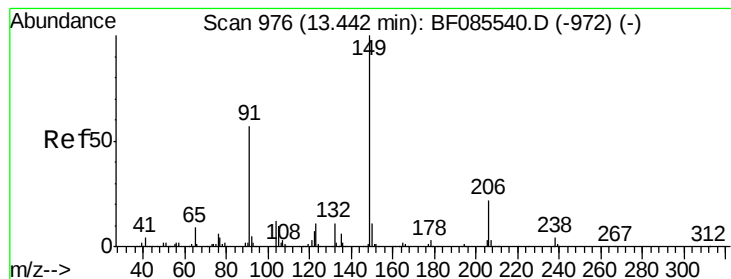


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.68 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

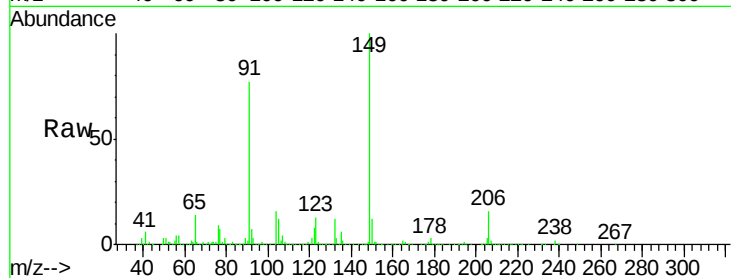
Tot Ion:149 Resp: 357395

Ion Ratio Lower Upper

149 100

91 76.5 45.8 68.8#

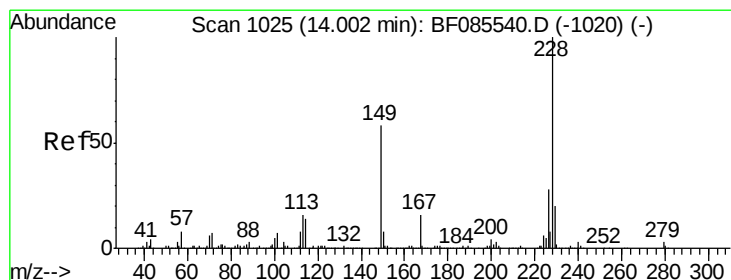
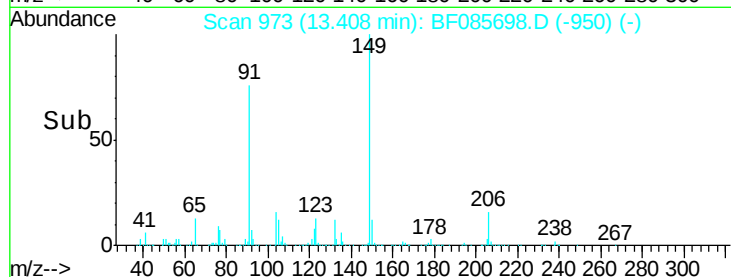
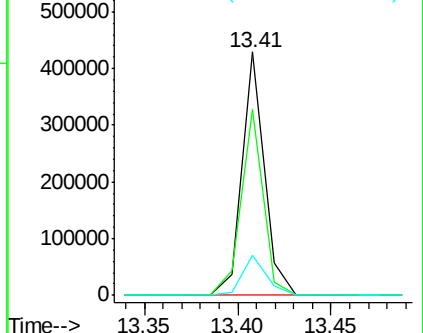
206 16.3 17.8 26.8#



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: 43.08 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

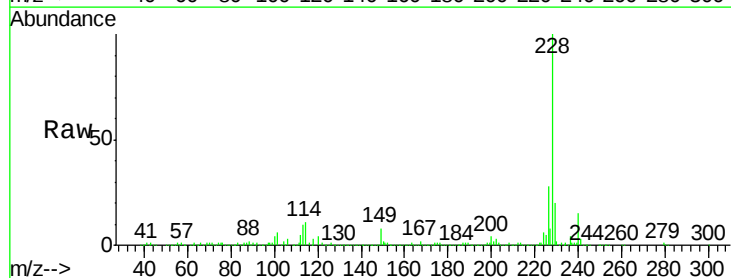
Tgt Ion:228 Resp: 584622

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

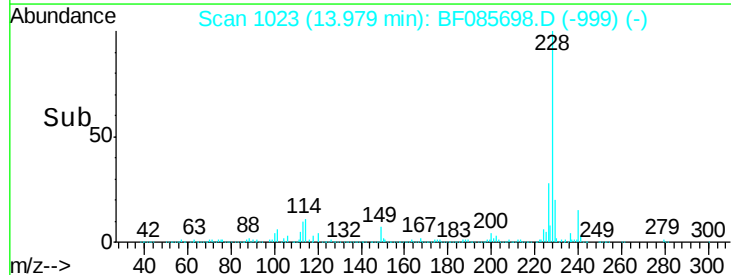
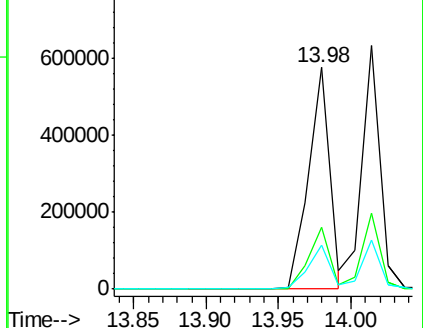
229 19.8 16.2 24.4

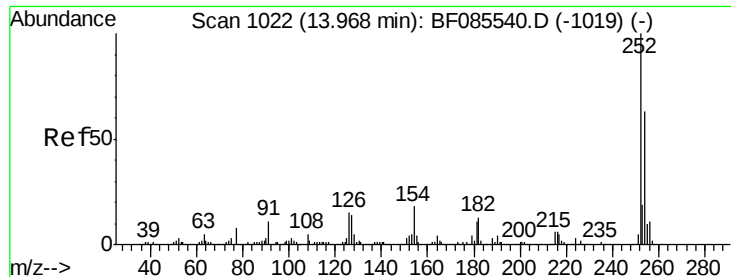


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 31.11 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

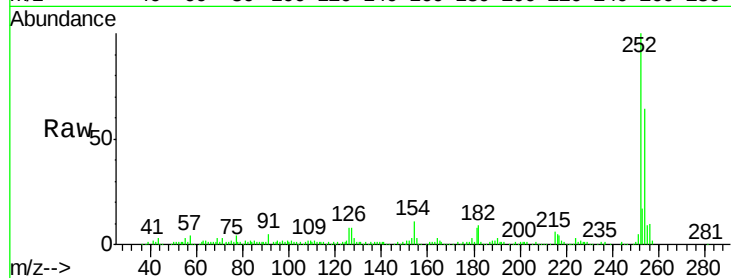
Tot Ion:252 Resp: 154708

Ion Ratio Lower Upper

252 100

254 64.0 50.7 76.1

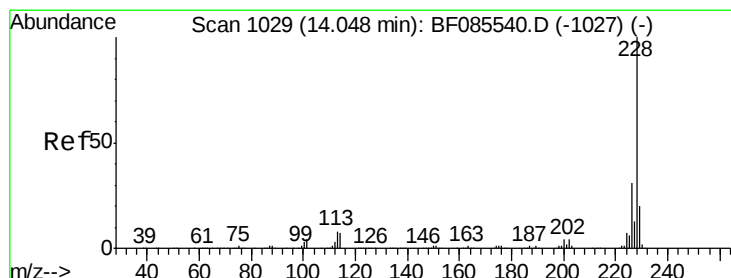
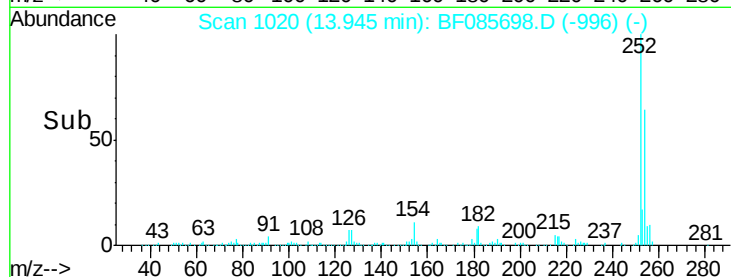
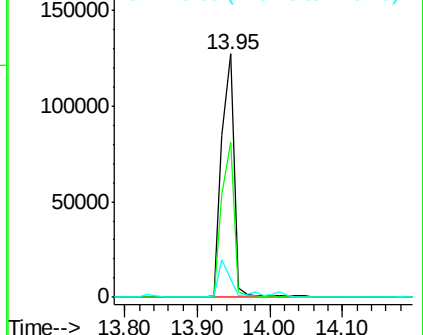
126 7.6 11.8 17.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.91 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

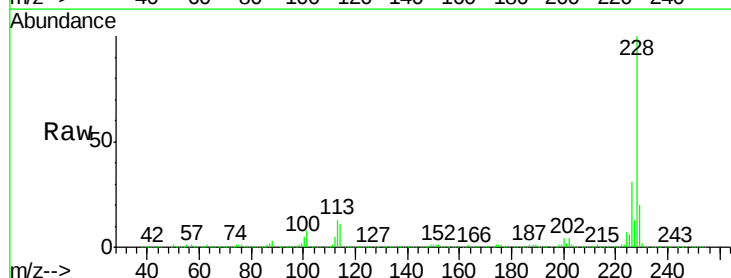
Tgt Ion:228 Resp: 547092

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

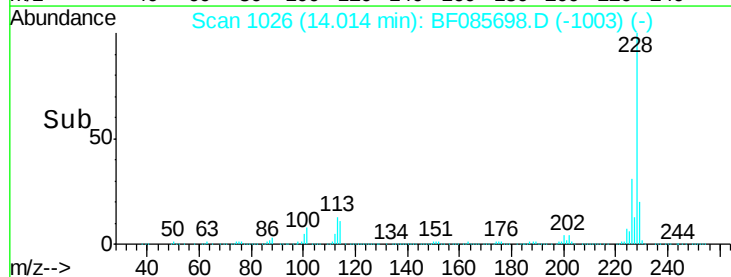
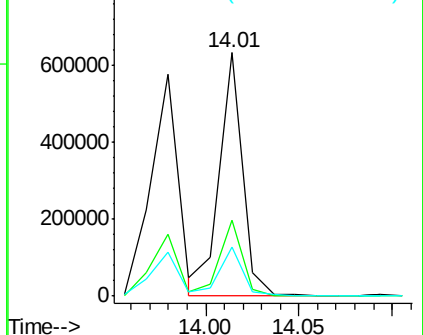
229 19.9 15.7 23.5

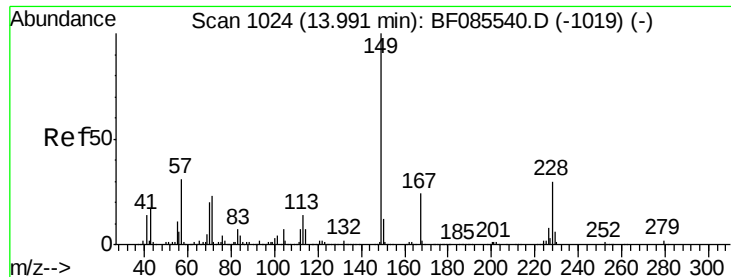


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

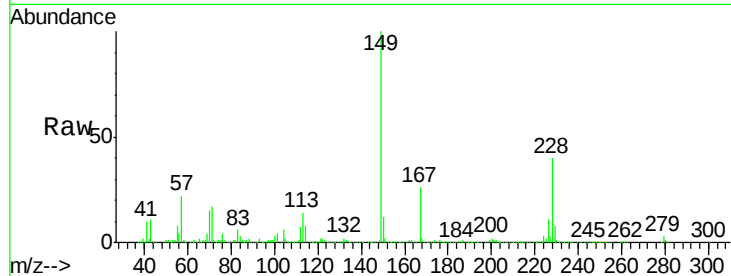




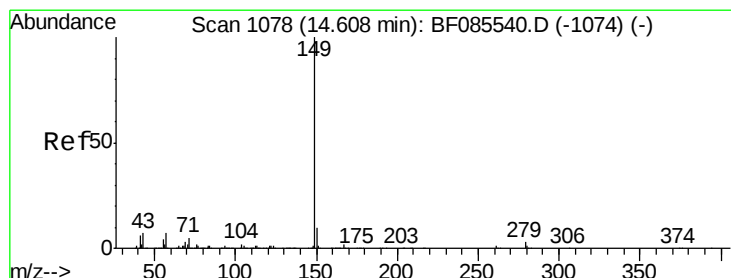
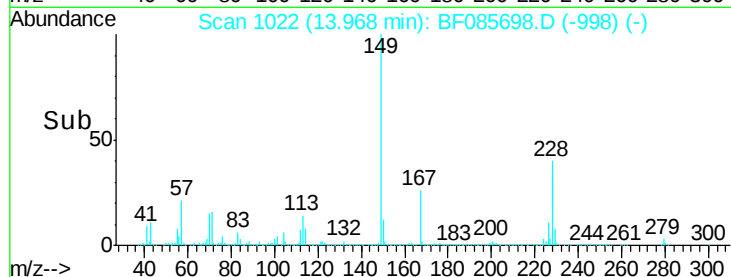
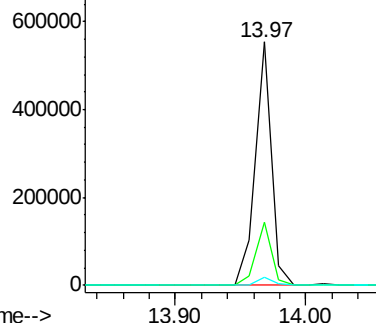
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.35 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 480515
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.4 29.2
 279 3.1 1.5 2.3#

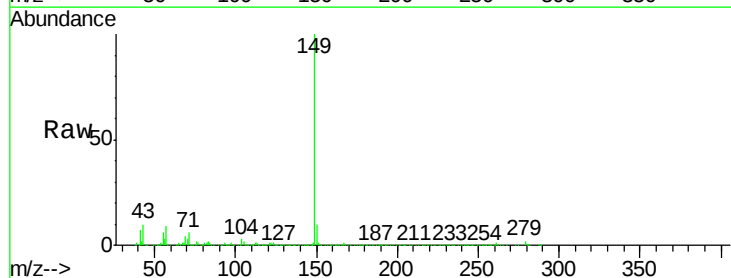


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

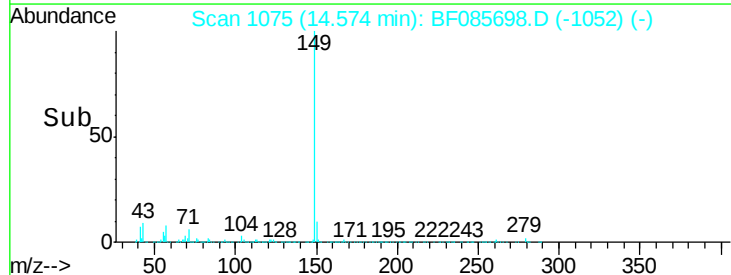
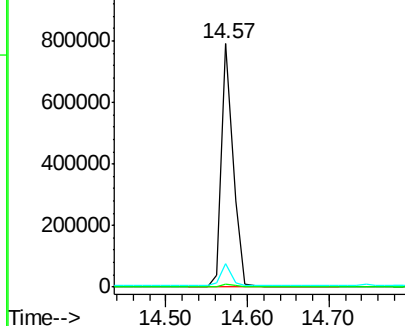


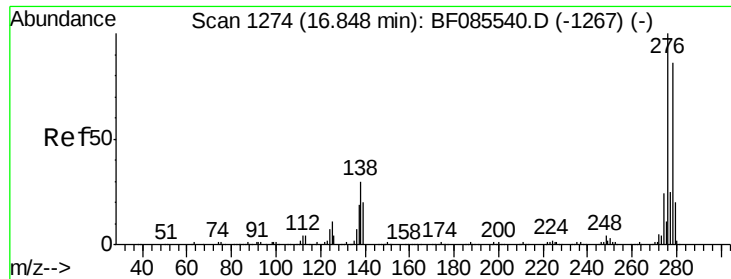
#84
 Di-n-octyl phthalate
 Concen: 47.61 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion:149 Resp: 771064
 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

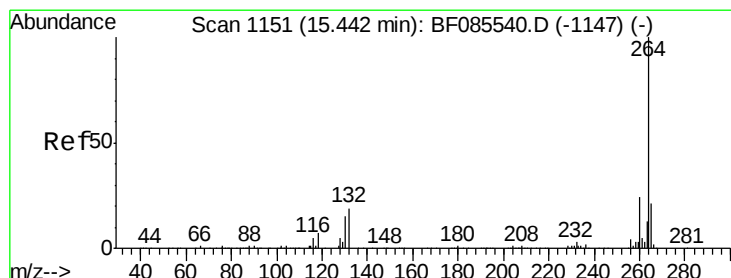
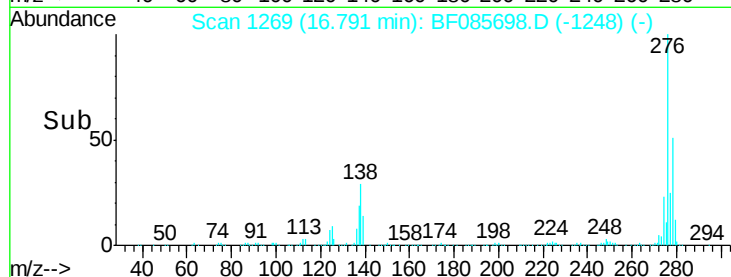
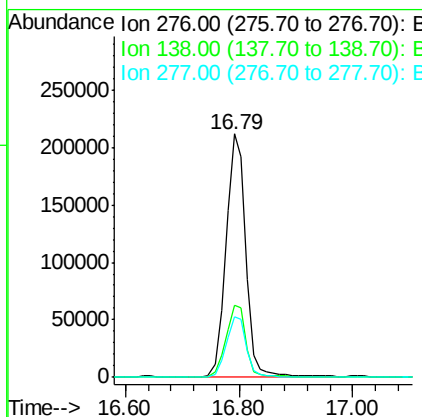
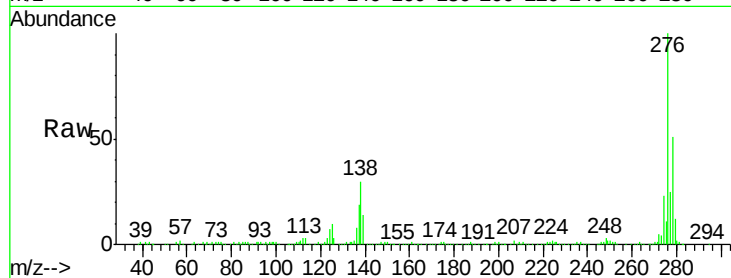




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.45 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.06 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

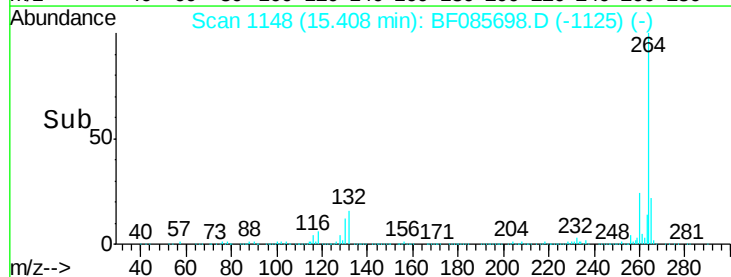
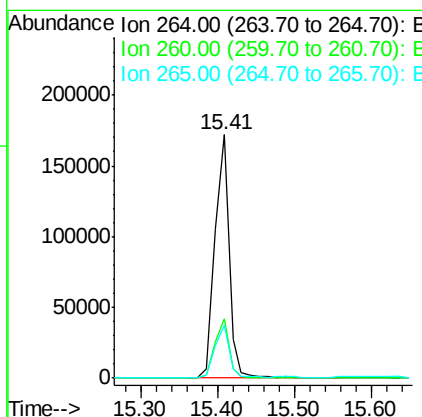
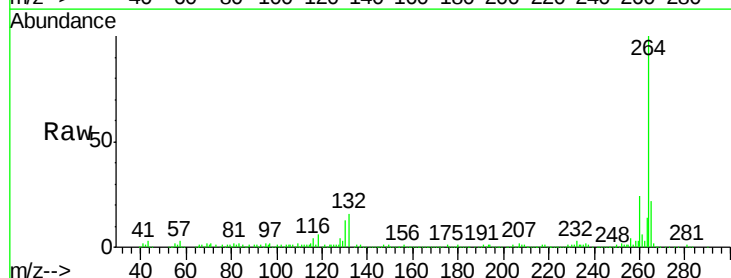
Instrument :
 BNA_F
 ClientSampleId :

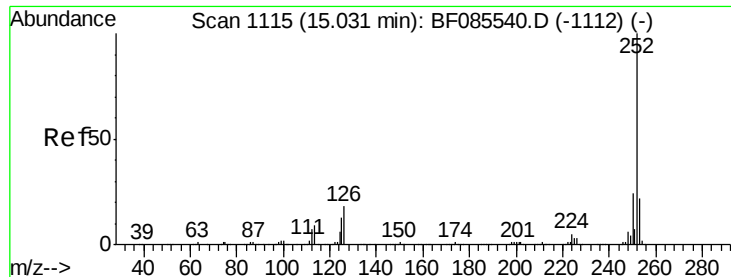
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.2	36.4
277	24.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	17.2	25.8

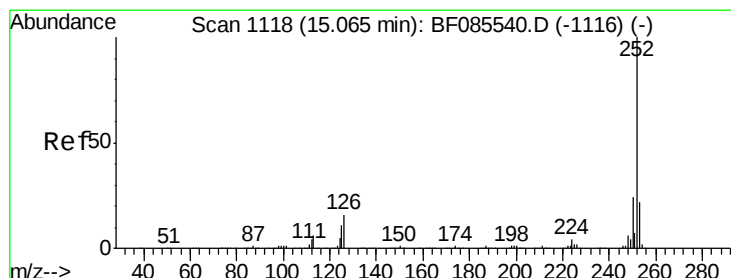
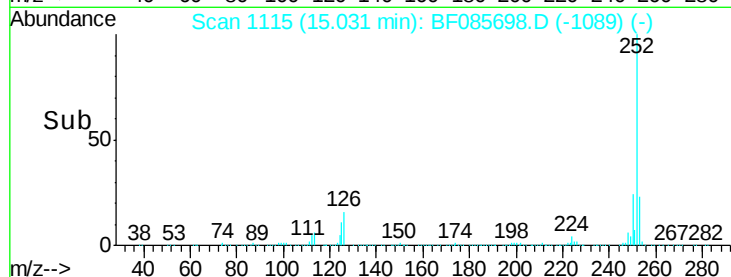
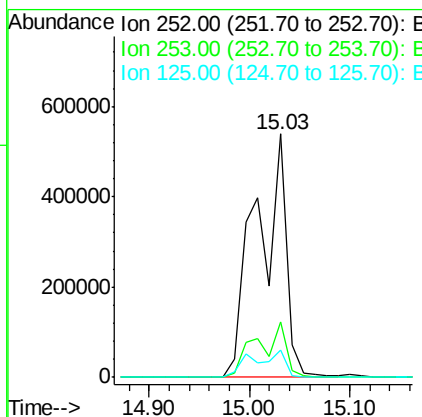
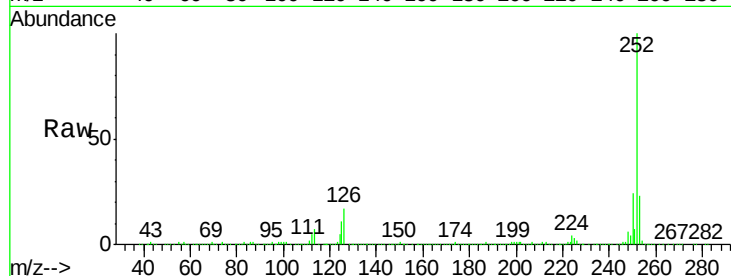




#87
Benzo(b)fluoranthene
Concen: 76.56 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

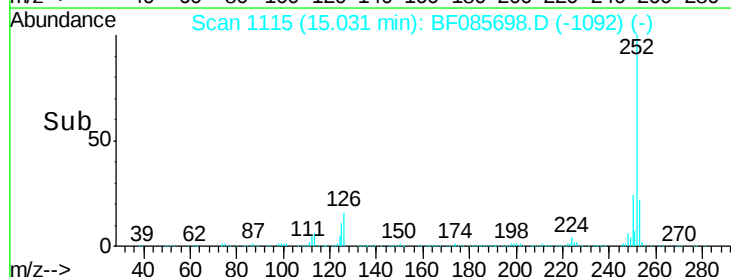
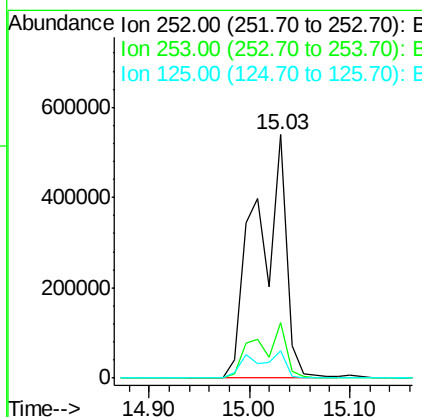
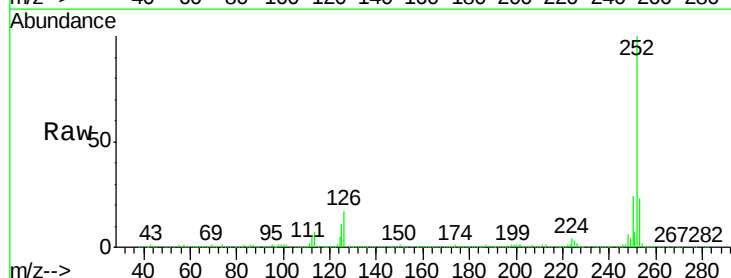
Instrument :
BNA_F
ClientSampleId :

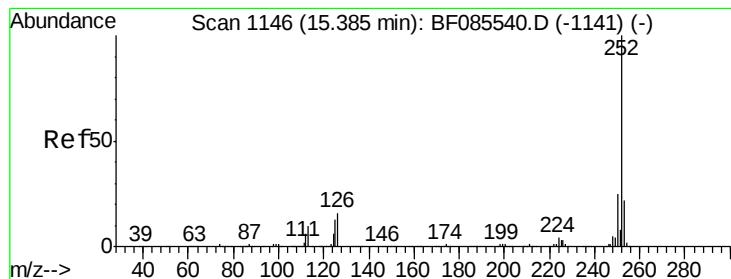
Tot Ion:252 Resp: 1106784
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.0 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 92.93 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085698.D
Acq: 23 Mar 2016 10:51

Tgt Ion:252 Resp: 1106784
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.0 7.7 11.5





#89

Benzo(a)pyrene

Concen: 43.60 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

Instrument :

BNA_F

ClientSampled :

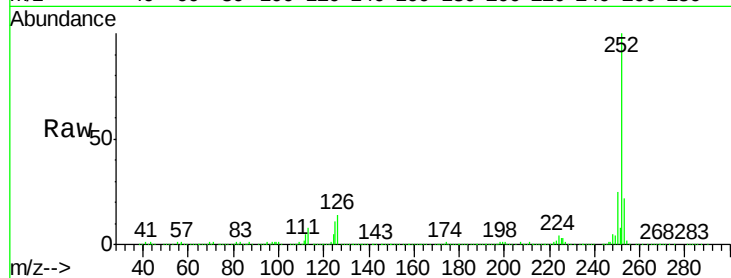
Tot Ion:252 Resp: 534326

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

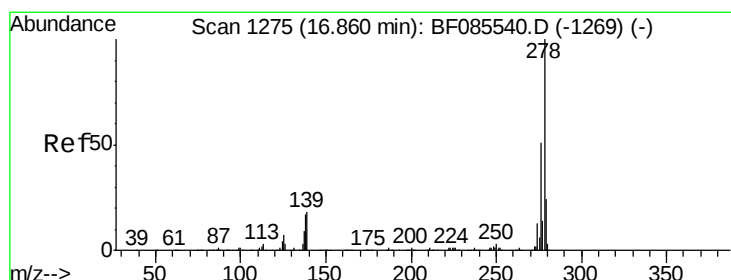
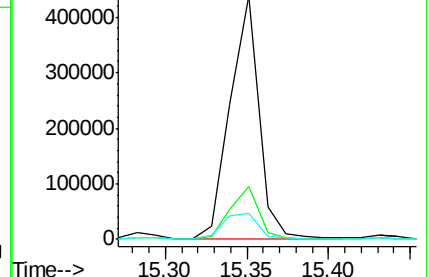
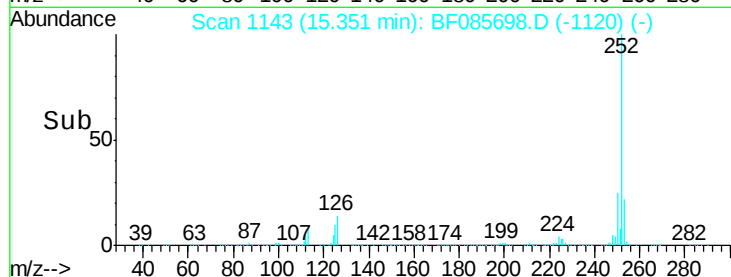
125 10.6 10.3 15.5



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: 43.05 ng

RT: 16.80 min Scan# 1270

Delta R.T. -0.06 min

Lab File: BF085698.D

Acq: 23 Mar 2016 10:51

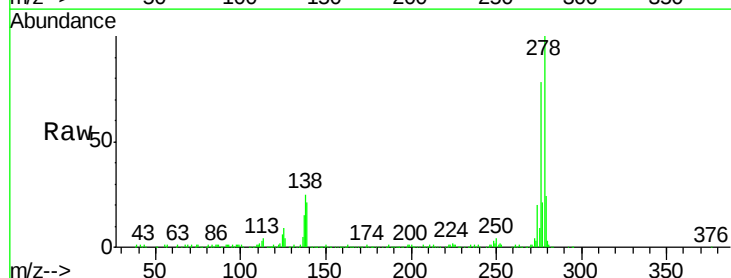
Tgt Ion:278 Resp: 439997

Ion Ratio Lower Upper

278 100

139 20.9 14.4 21.6

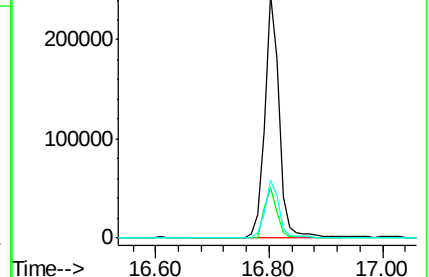
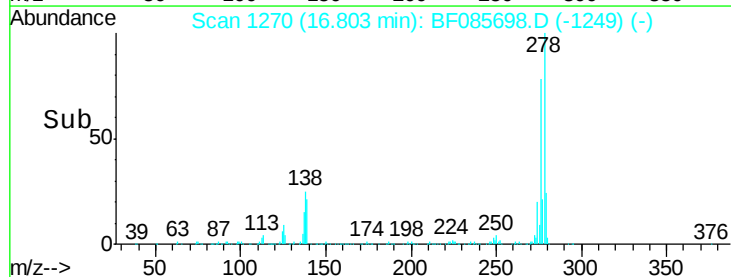
279 24.0 19.1 28.7

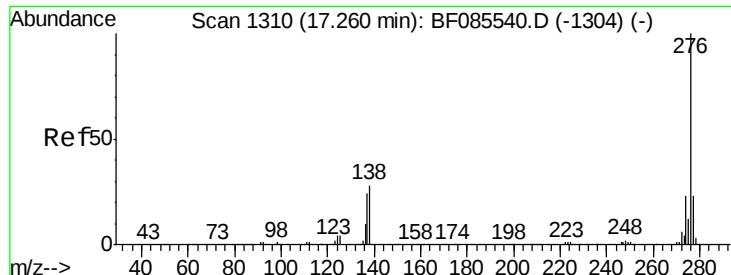


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

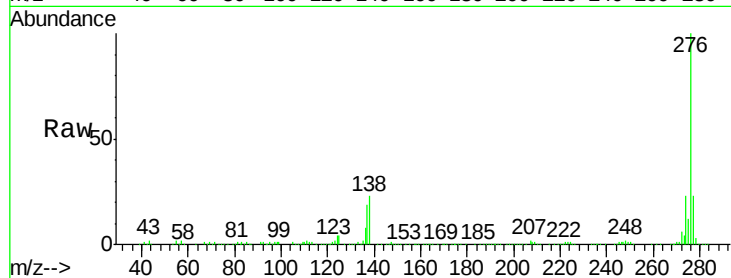




#91
 Benzo(a,h,i)perylene
 Concen: 40.29 ng
 RT: 17.21 min Scan# 1306
 Delta R.T. -0.05 min
 Lab File: BF085698.D
 Acq: 23 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.8	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

