

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085699.D
 Acq On : 23 Mar 2016 11:19
 Operator : UM/SJ
 Sample : H1857-18MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:37:34 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	127162	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	499236	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	239949	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	369692	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	233068	20.00	ng	-0.02
86) Perylene-d12	15.41	264	217663	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1002048	132.36	ng	-0.01
7) Phenol-d6	6.48	99	1349720	139.01	ng	-0.01
23) Nitrobenzene-d5	7.41	82	909707	105.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	282209	120.07	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1310524	96.40	ng	-0.02
78) Terphenyl-d14	12.94	244	863066	89.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	130892	35.57	ng	97
3) Pyridine	3.20	79	325627	36.03	ng	99
4) n-Nitrosodimethylamine	3.14	42	154029	40.83	ng	96
6) Aniline	6.49	93	145301	11.14	ng	# 1
8) 2-Chlorophenol	6.62	128	363936	41.55	ng	91
9) Benzaldehyde	6.38	77	59932	10.11	ng	98
10) Phenol	6.49	94	528272	47.77	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	537694	64.49	ng	98
12) 1,3-Dichlorobenzene	6.78	146	392206	41.09	ng	99
13) 1,4-Dichlorobenzene	6.85	146	380651	39.10	ng	100
14) 1,2-Dichlorobenzene	7.01	146	386287	44.69	ng	99
15) Benzyl Alcohol	6.98	79	321693	48.37	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	459393	41.90	ng	84
17) 2-Methylphenol	7.10	107	332525	45.80	ng	99
18) Hexachloroethane	7.35	117	131633	37.45	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	275776	47.55	ng	98
20) 3+4-Methylphenols	7.25	107	388195	46.17	ng	# 85
22) Acetophenone	7.25	105	503430	42.49	ng	97
24) Nitrobenzene	7.42	77	366686	38.95	ng	99
25) Isophorone	7.66	82	751602	43.65	ng	99
26) 2-Nitrophenol	7.74	139	215857	46.39	ng	97
27) 2,4-Dimethylphenol	7.78	122	394578	47.96	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	500864	51.14	ng	99
29) 2,4-Dichlorophenol	7.98	162	303811	44.71	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	309716	40.69	ng	98
31) Naphthalene	8.14	128	1092826	43.37	ng	100
32) Benzoic acid	7.78	122	394578	57.36	ng	# 11
33) 4-Chloroaniline	8.21	127	216911	21.00	ng	97
34) Hexachlorobutadiene	8.26	225	163706	40.36	ng	98
35) Caprolactam	8.52	113	7111	3.04	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	368565	46.44	ng	91
37) 2-Methylnaphthalene	8.84	142	758810	49.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	265610	36.49	ng	99
40) Hexachlorocyclopentadiene	8.98	237	48065	14.65	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085699.D
 Acq On : 23 Mar 2016 11:19
 Operator : UM/SJ
 Sample : H1857-18MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:37:34 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

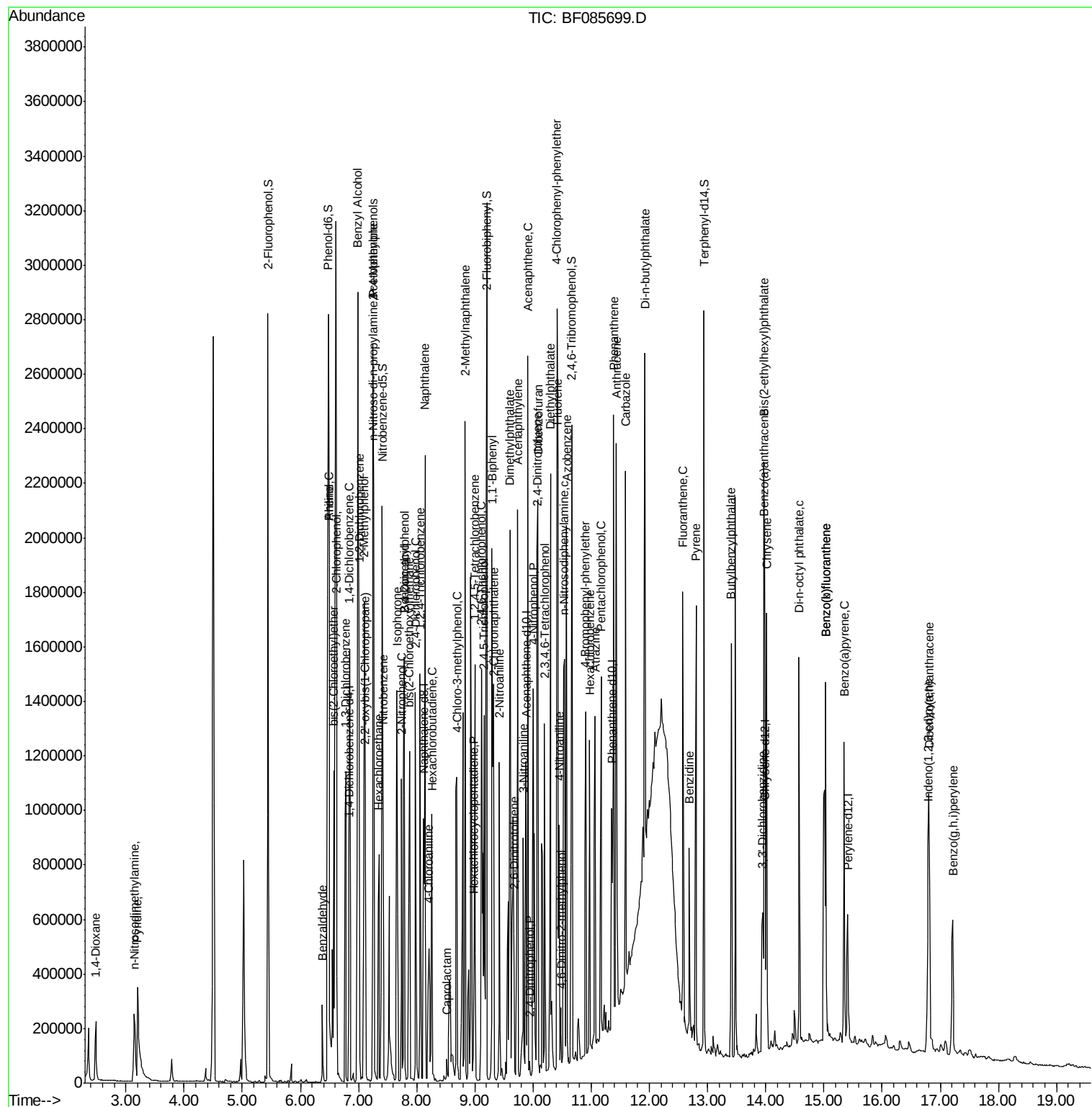
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	203520	40.85	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	210158	41.45	nq	# 81
45) 1,1'-Biphenyl	9.29	154	776957	37.53	nq	99
46) 2-Chloronaphthalene	9.33	162	630473	41.70	nq	98
47) 2-Nitroaniline	9.42	65	195601	42.76	nq	95
48) Acenaphthylene	9.74	152	1014147	41.45	nq	99
49) Dimethylphthalate	9.60	163	945606	52.22	nq	100
50) 2,6-Dinitrotoluene	9.67	165	163493	42.77	nq	# 52
51) Acenaphthene	9.91	154	633341	41.25	nq	100
52) 3-Nitroaniline	9.83	138	136554	28.52	nq	98
53) 2,4-Dinitrophenol	9.94	184	8765	3.74	nq	# 80
54) Dibenzofuran	10.08	168	908216	48.57	nq	99
55) 4-Nitrophenol	10.00	139	259534	70.14	nq	98
56) 2,4-Dinitrotoluene	10.07	165	227774	45.51	nq	# 77
57) Fluorene	10.42	166	674969	43.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	149461	40.94	nq	99
59) Diethylphthalate	10.30	149	754422	41.91	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	313087	41.14	nq	93
61) 4-Nitroaniline	10.45	138	187152	39.66	nq	98
62) Azobenzene	10.57	77	783350	45.35	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	29719	12.56	nq	# 55
65) n-Nitrosodiphenylamine	10.54	169	587993	51.06	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	188920	51.15	nq	92
67) Hexachlorobenzene	10.97	284	189317	48.25	nq	95
68) Atrazine	11.06	200	188056	53.64	nq	99
69) Pentachlorophenol	11.17	266	182379	76.56	nq	99
70) Phenanthrene	11.38	178	997443	51.17	nq	100
71) Anthracene	11.43	178	818668	40.05	nq	99
72) Carbazole	11.59	167	816447	46.30	nq	99
73) Di-n-butylphthalate	11.92	149	1028806	46.59	nq	100
74) Fluoranthene	12.57	202	760925	37.28	nq	99
76) Benzidine	12.69	184	268405	34.25	nq	99
77) Pyrene	12.80	202	805982	48.16	nq	100
79) Butylbenzylphthalate	13.41	149	337412	42.30	nq	# 77
80) Benzo(a)anthracene	13.98	228	625188	46.21	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	155442	31.35	nq	# 97
82) Chrysene	14.01	228	464174	35.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	458861	46.30	nq	# 98
84) Di-n-octyl phthalate	14.57	149	764457	47.34	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	498480	45.83	nq	99
87) Benzo(b)fluoranthene	15.03	252	1088996	76.68	nq	99
88) Benzo(k)fluoranthene	15.03	252	1088996	93.07	nq	# 98
89) Benzo(a)pyrene	15.35	252	520438	43.22	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	430760	42.89	nq	# 96
91) Benzo(g,h,i)perylene	17.21	276	385766	39.69	nq	96

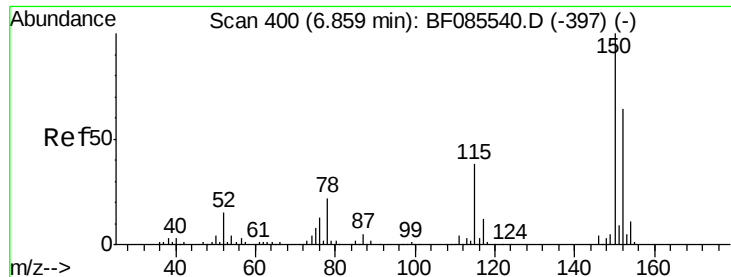
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085699.D
 Acq On : 23 Mar 2016 11:19
 Operator : UM/SJ
 Sample : H1857-18MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Mar 23 13:37:34 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

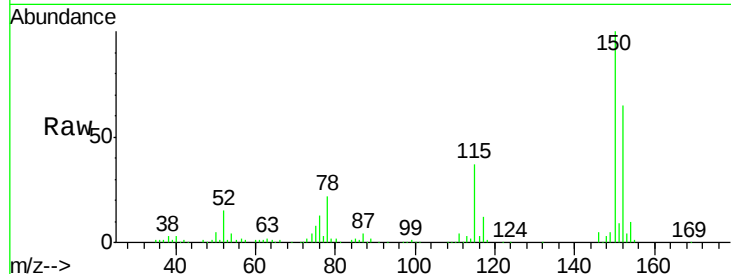




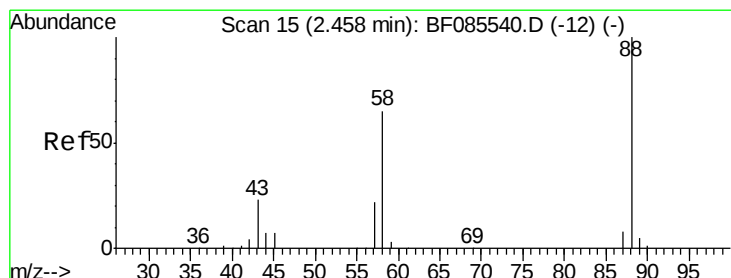
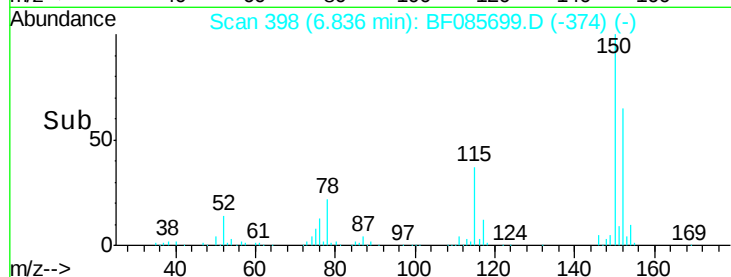
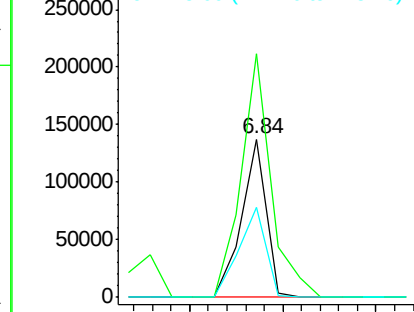
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 127162
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.2 186.2
 115 56.7 47.0 70.6

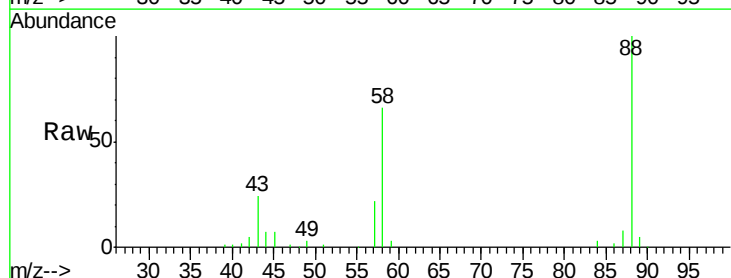


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

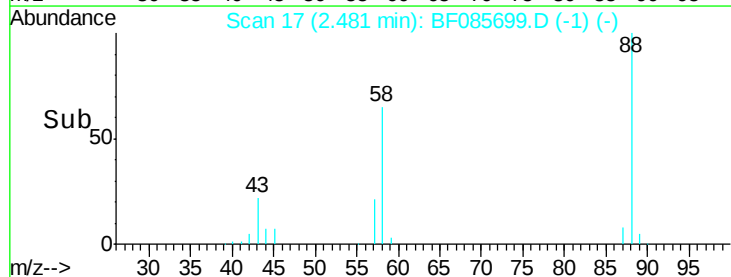
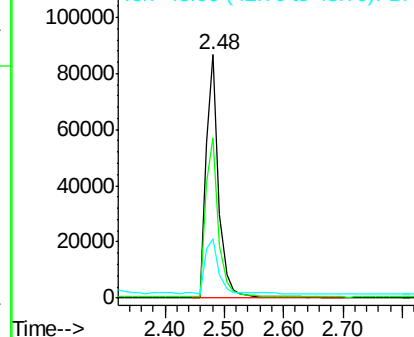


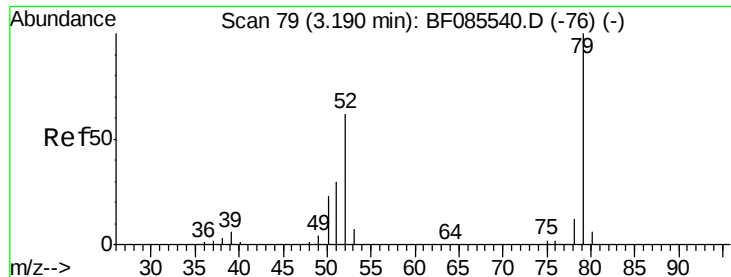
#2
 1,4-Dioxane
 Concen: 35.57 ng
 RT: 2.48 min Scan# 17
 Delta R.T. 0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion: 88 Resp: 130892
 Ion Ratio Lower Upper
 88 100
 58 65.1 54.2 81.2
 43 24.6 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: 36.03 ng

RT: 3.20 min Scan# 80

Delta R.T. 0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

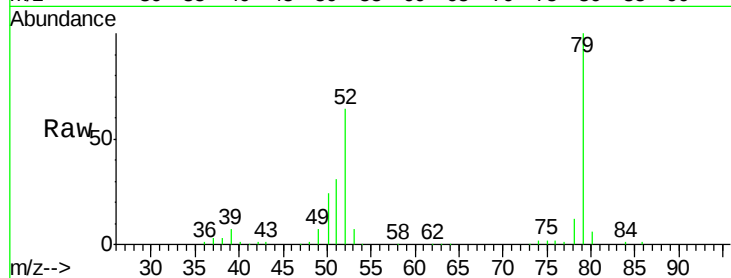
Tot Ion: 79 Resp: 325627

Ion Ratio Lower Upper

79 100

52 63.5 49.8 74.6

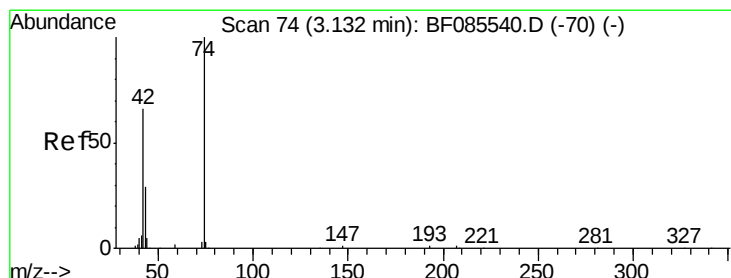
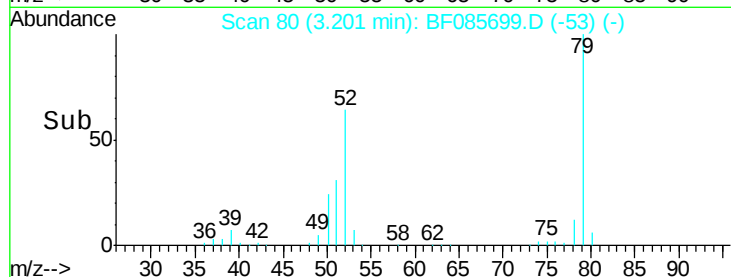
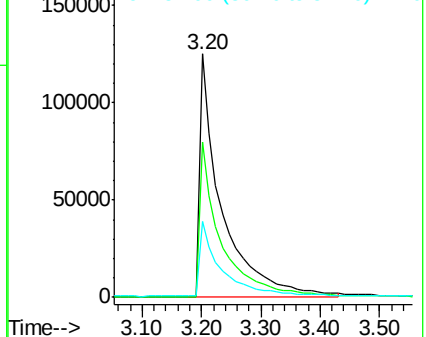
51 31.3 24.7 37.1



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: 40.83 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

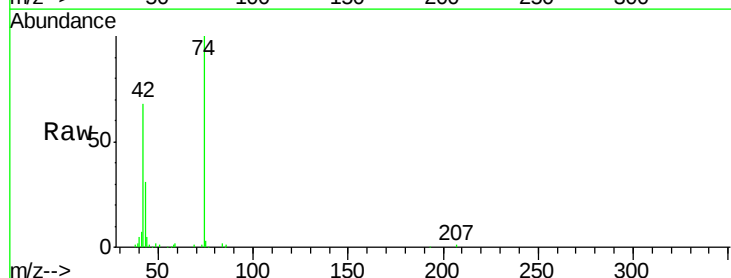
Tgt Ion: 42 Resp: 154029

Ion Ratio Lower Upper

42 100

74 146.6 121.4 182.2

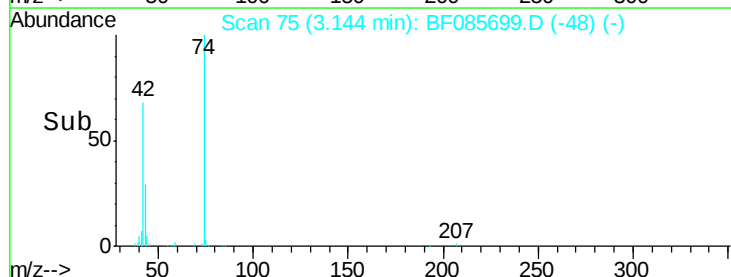
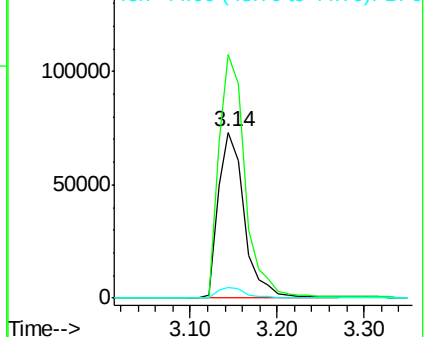
44 6.8 5.6 8.4

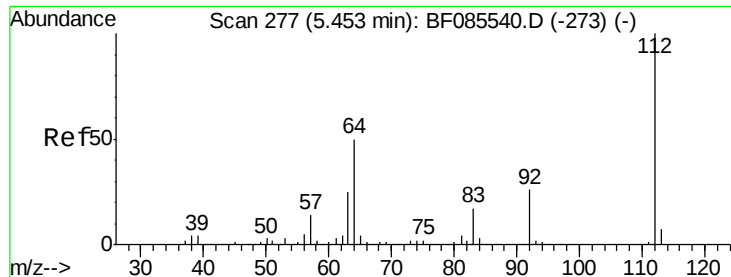


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.36 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

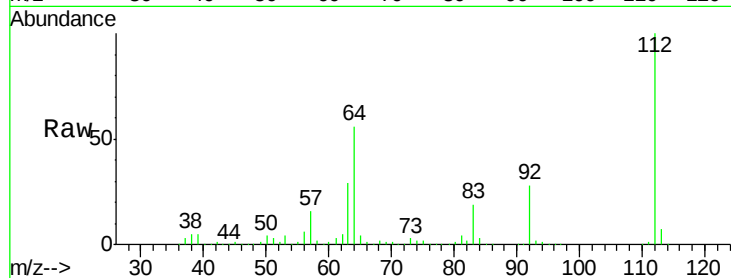
Tot Ion:112 Resp: 1002048

Ion Ratio Lower Upper

112 100

64 55.5 39.9 59.9

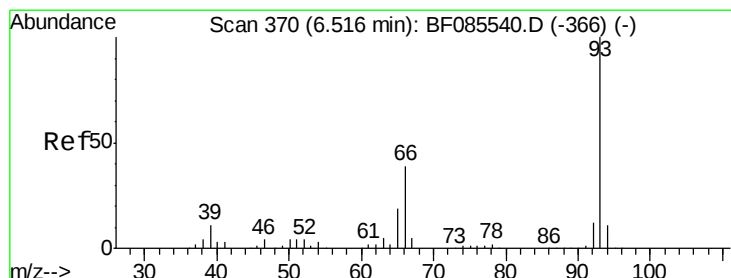
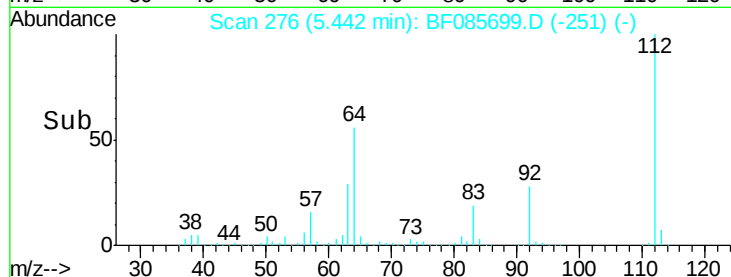
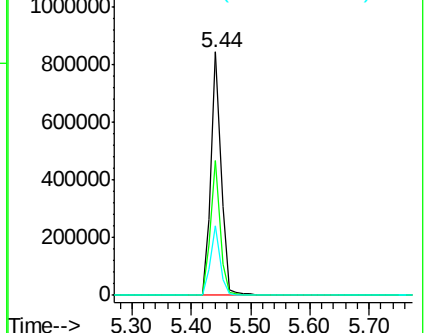
63 28.7 20.2 30.2



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: 11.14 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

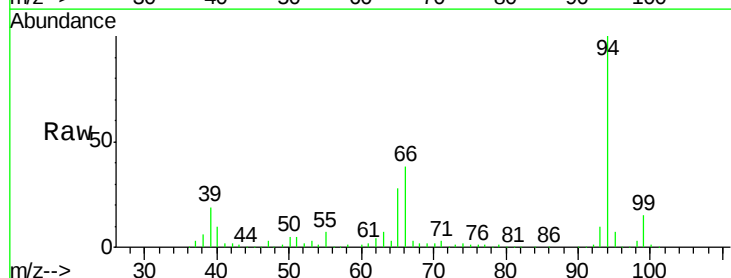
Tgt Ion: 93 Resp: 145301

Ion Ratio Lower Upper

93 100

66 366.7 31.4 47.2#

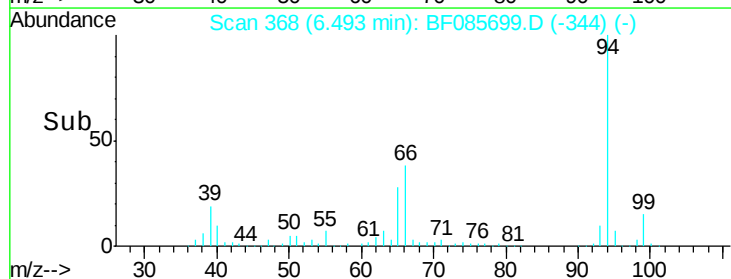
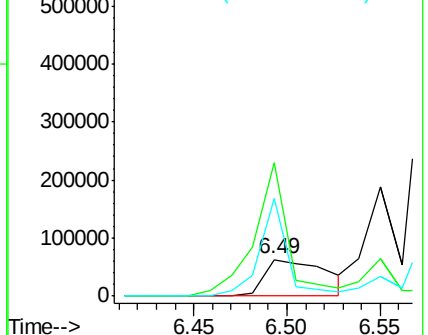
65 266.9 15.7 23.5#

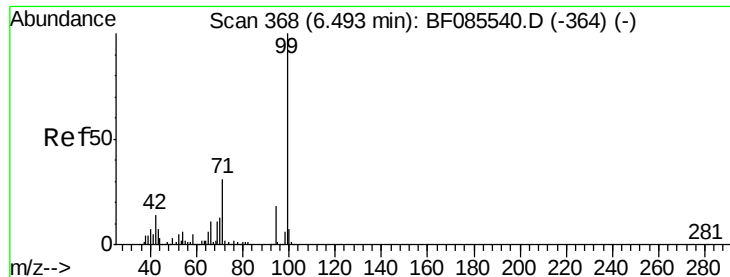


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.01 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampled :

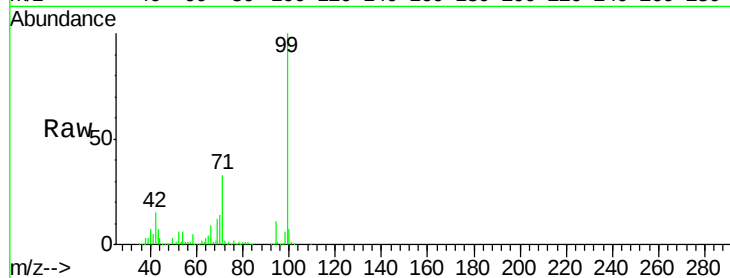
Tot Ion: 99 Resp: 1349720

Ion Ratio Lower Upper

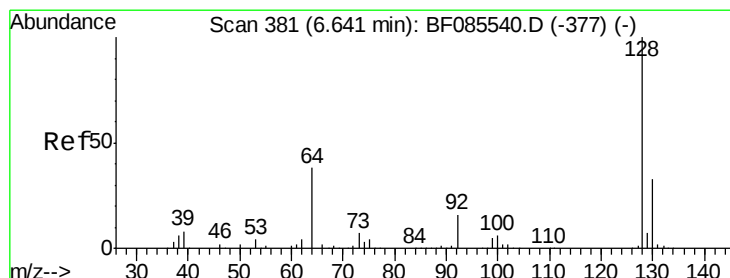
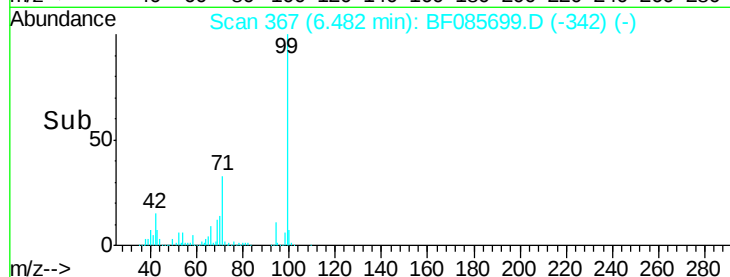
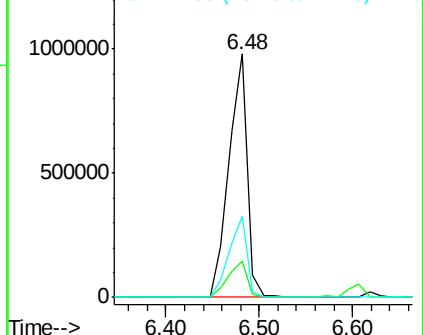
99 100

42 15.0 11.1 16.7

71 33.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.55 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

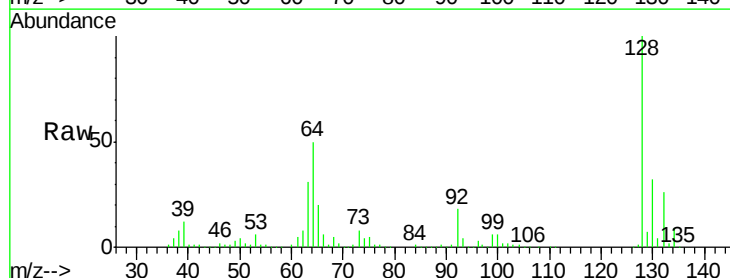
Tgt Ion:128 Resp: 363936

Ion Ratio Lower Upper

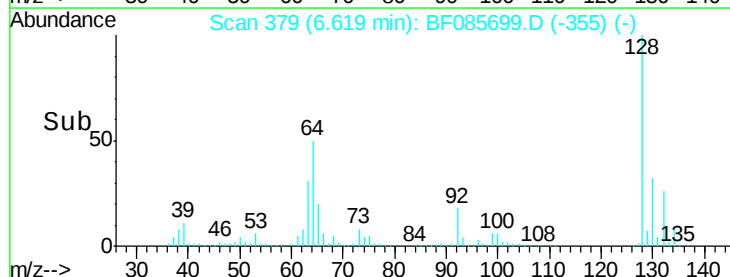
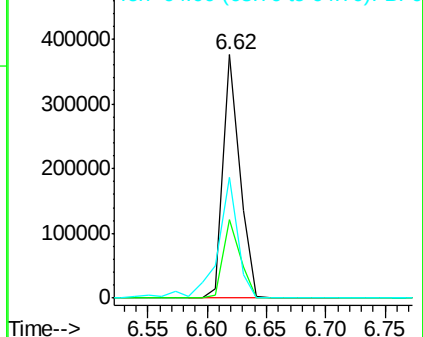
128 100

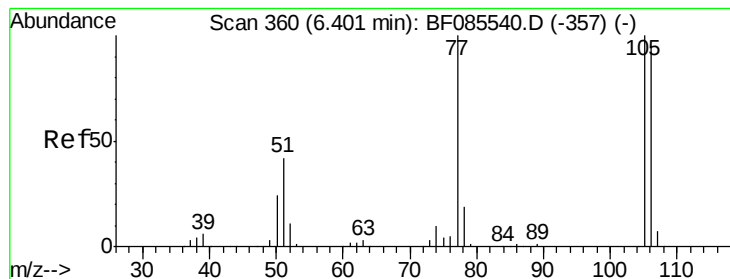
130 32.5 12.9 52.9

64 49.8 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: 10.11 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

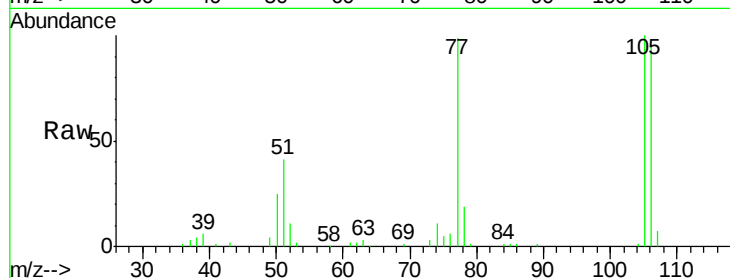
Tot Ion: 77 Resp: 59932

Ion Ratio Lower Upper

77 100

105 101.2 80.1 120.1

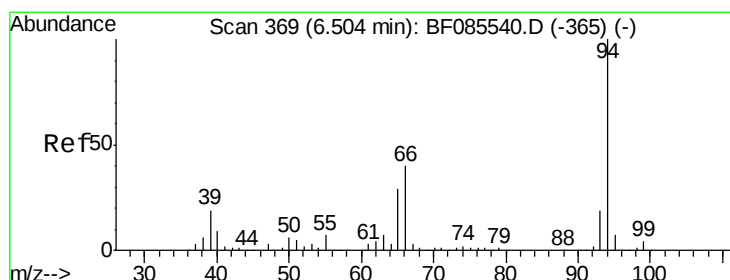
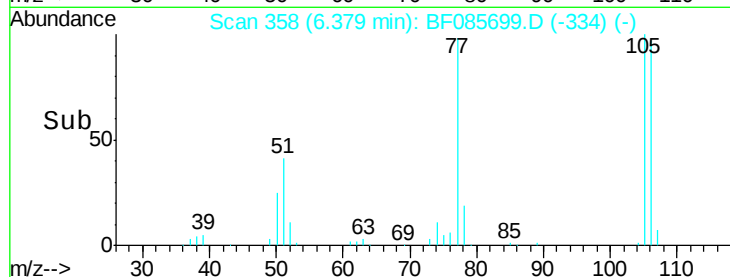
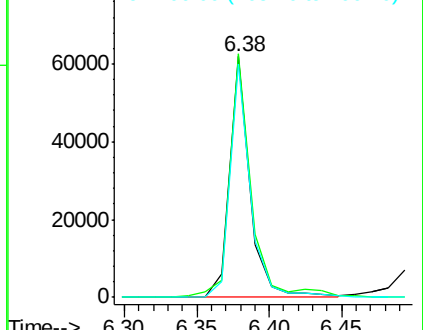
106 97.2 75.0 115.0



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: 47.77 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

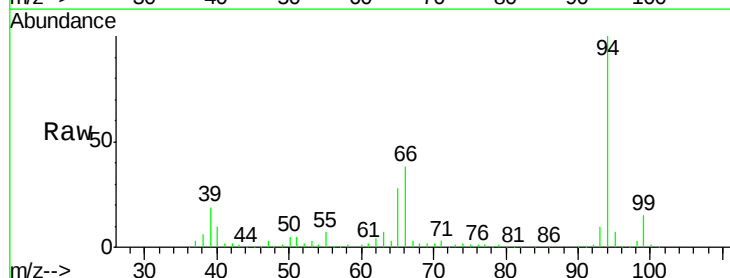
Tgt Ion: 94 Resp: 528272

Ion Ratio Lower Upper

94 100

65 27.8 8.6 48.6

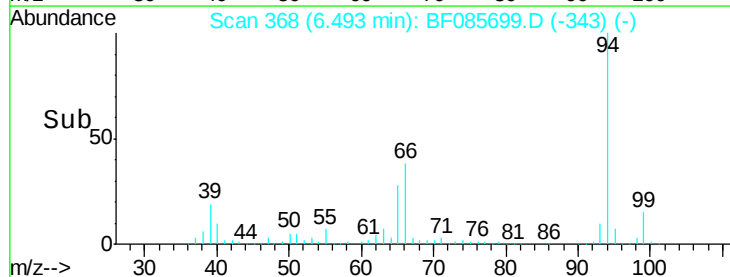
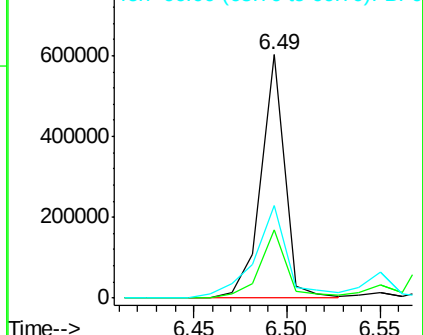
66 38.2 20.0 60.0

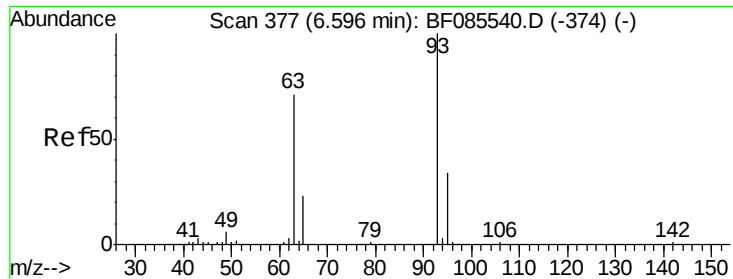


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

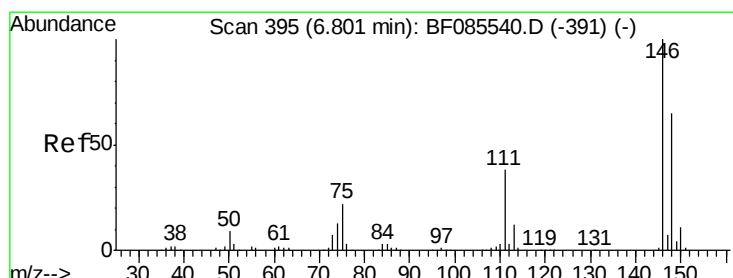
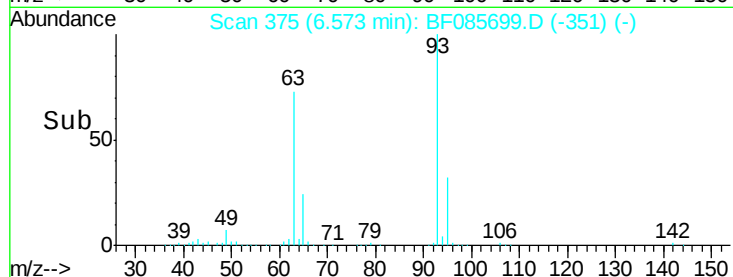
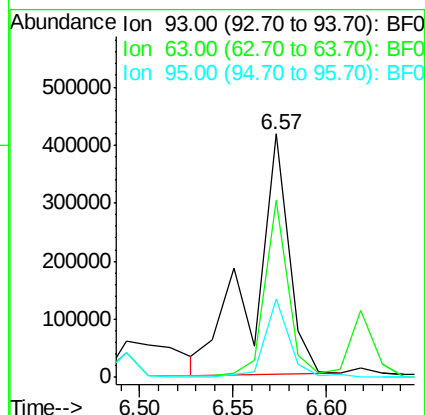
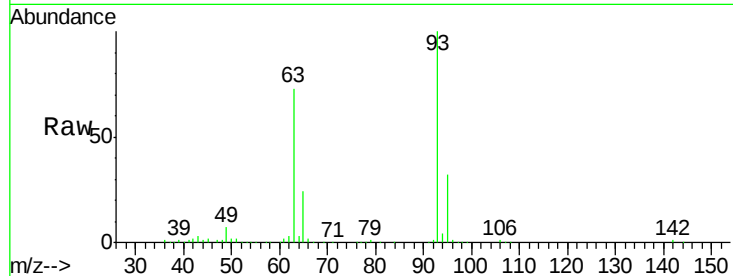




#11
bis(2-Chloroethyl)ether
Concen: 64.49 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

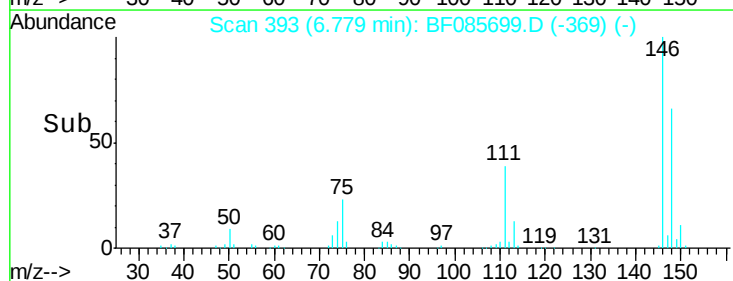
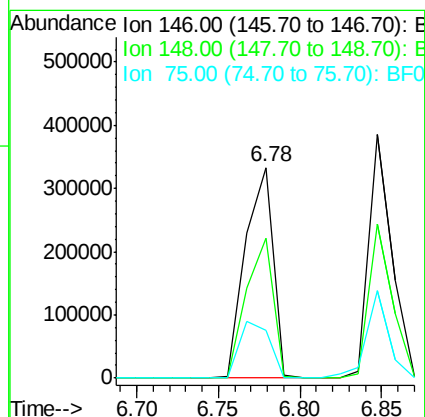
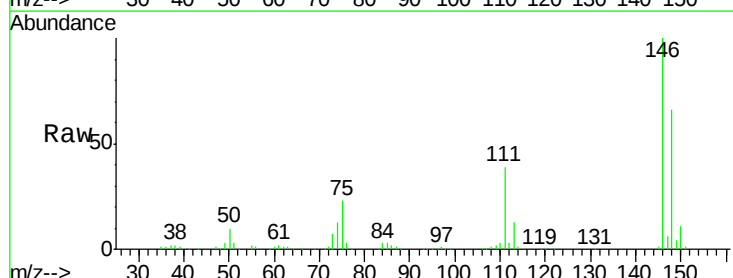
Instrument :
BNA_F
ClientSampleId :

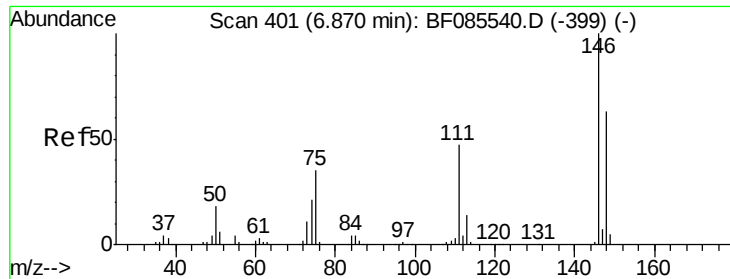
Tot Ion: 93 Resp: 537694
Ion Ratio Lower Upper
93 100
63 72.5 50.9 90.9
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.09 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion: 146 Resp: 392206
Ion Ratio Lower Upper
146 100
148 66.2 52.3 78.5
75 23.0 17.4 26.2

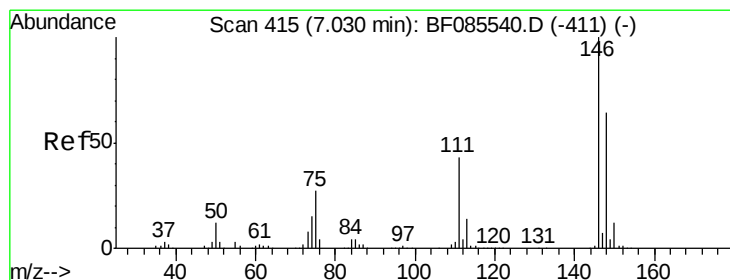
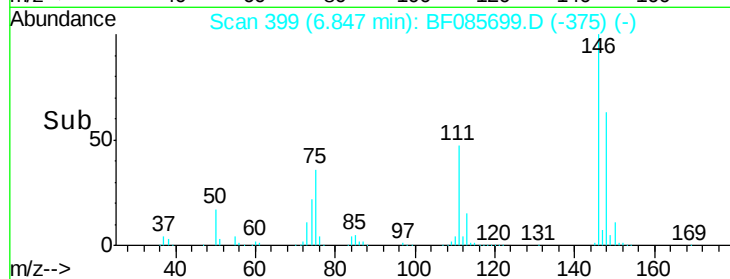
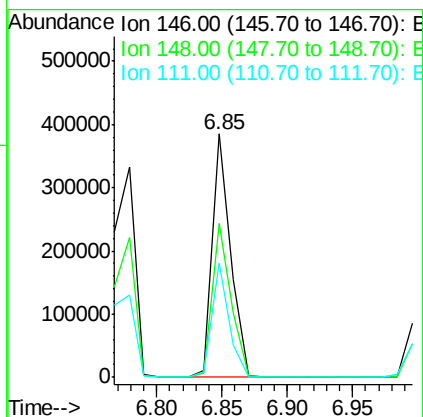
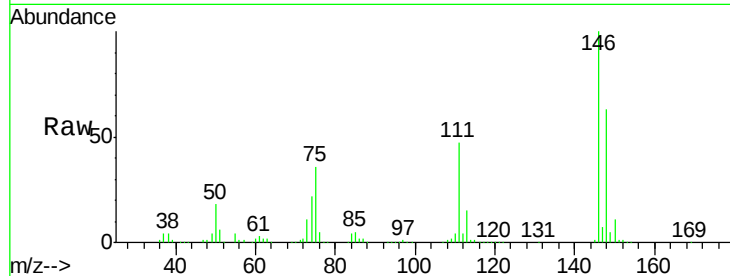




#13
 1,4-Dichlorobenzene
 Concen: 39.10 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

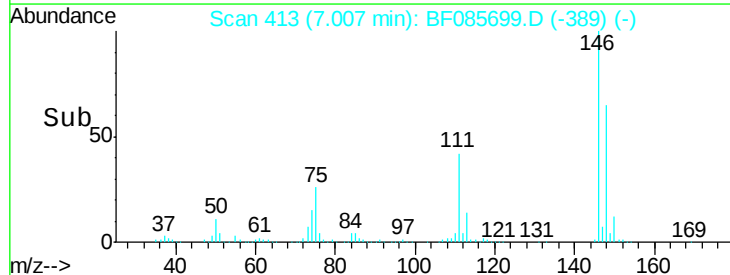
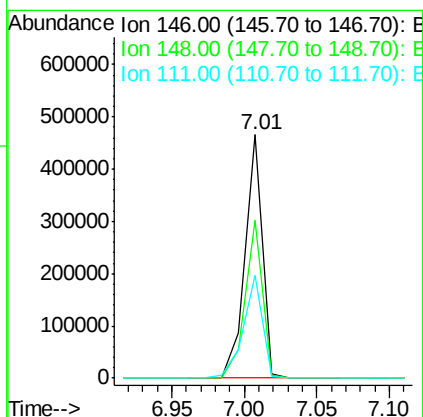
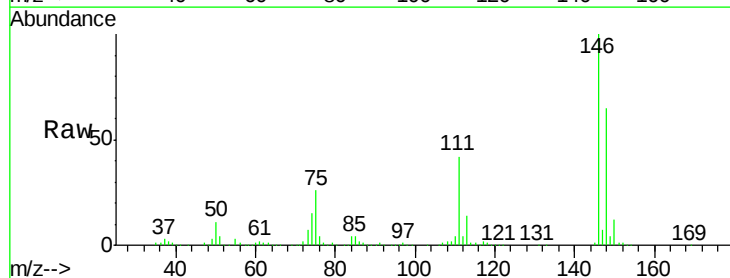
Instrument :
 BNA_F
 ClientSampleId :

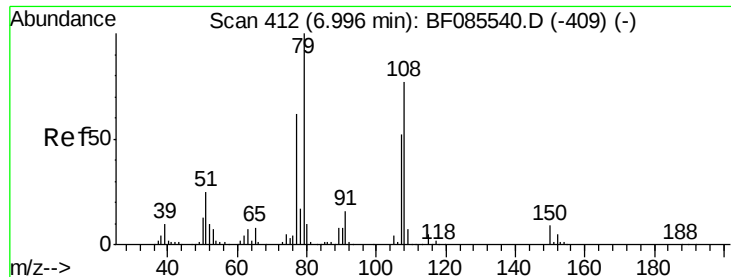
Tot Ion:146 Resp: 380651
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 46.9 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 44.69 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion:146 Resp: 386287
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 42.0 34.6 52.0





#15

Benzyl Alcohol

Concen: 48.37 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

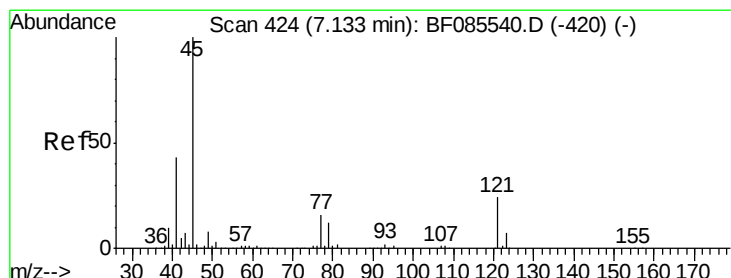
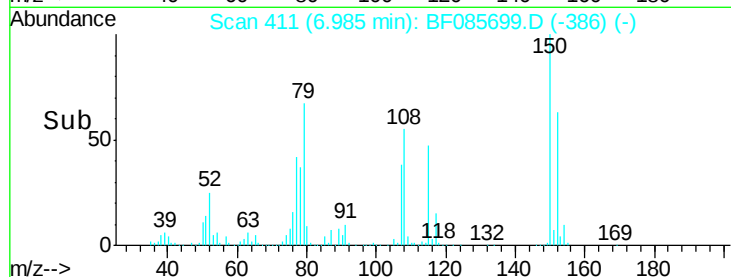
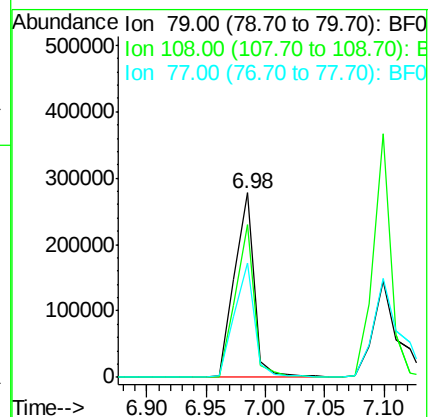
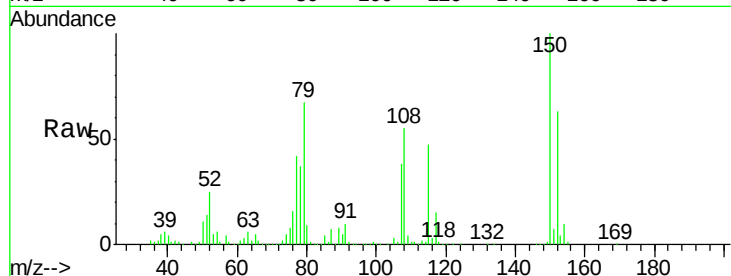
Tot Ion: 79 Resp: 321693

Ion Ratio Lower Upper

79 100

108 82.7 61.8 92.6

77 62.1 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.90 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

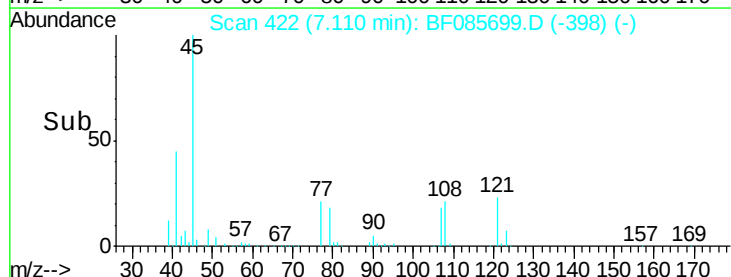
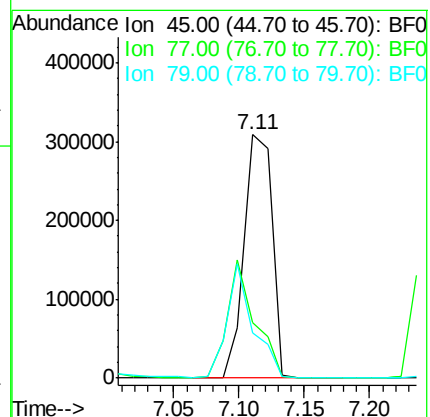
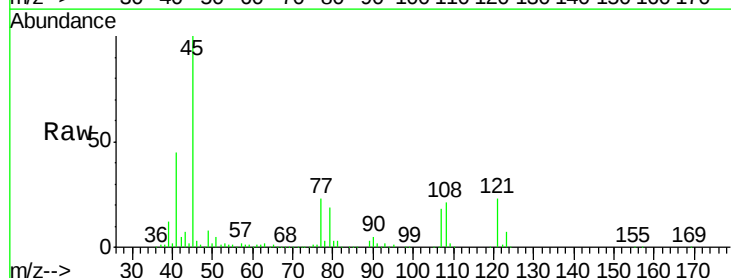
Tgt Ion: 45 Resp: 459393

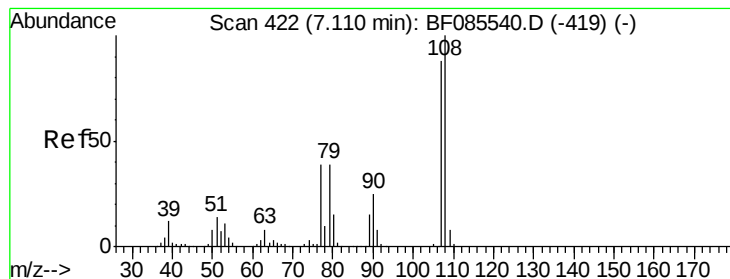
Ion Ratio Lower Upper

45 100

77 22.6 0.0 35.7

79 18.6 0.0 32.2

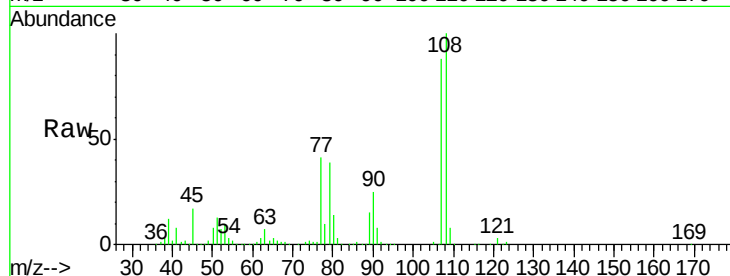




#17
2-Methylphenol
Concen: 45.80 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.4	137.0
77	46.6	36.2	54.2
79	44.9	35.8	53.8



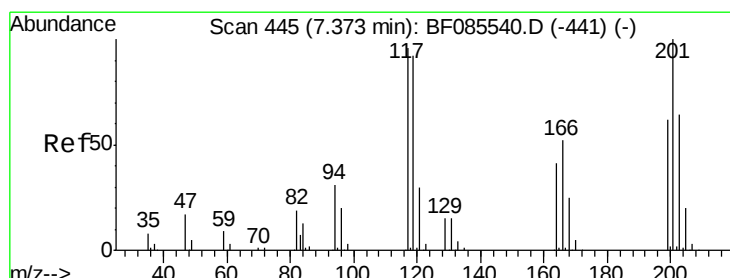
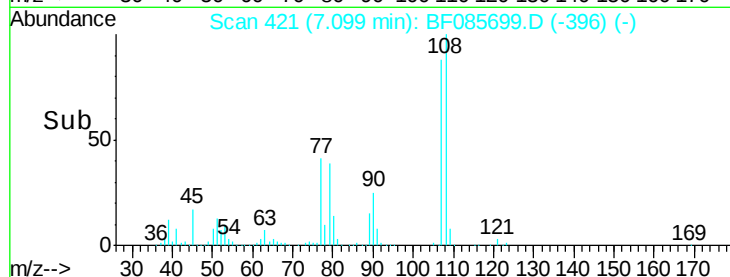
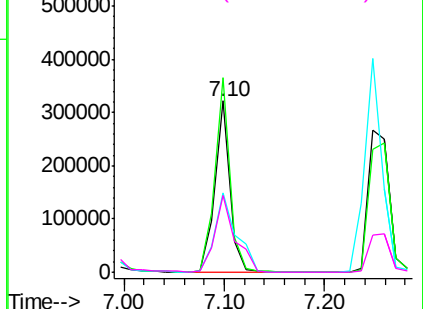
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

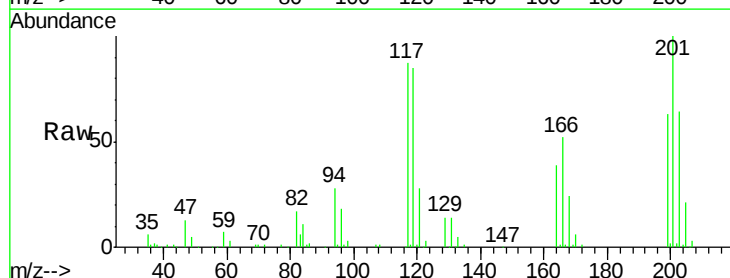
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.45 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.7	115.1
201	115.1	83.3	124.9

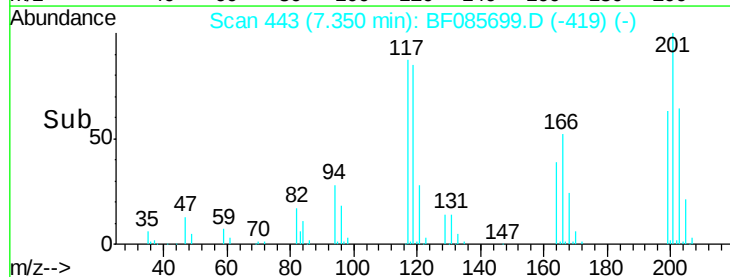
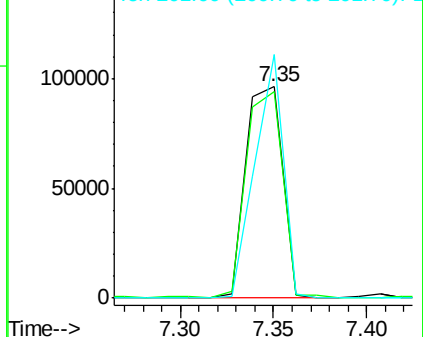


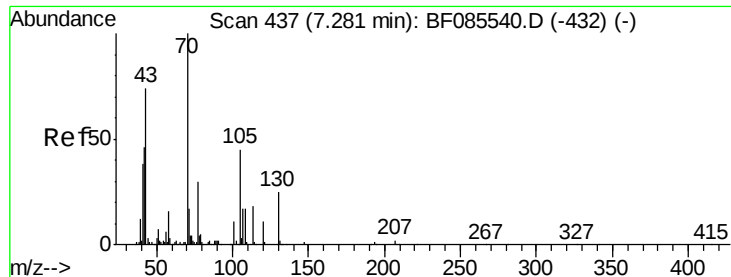
Abundance

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

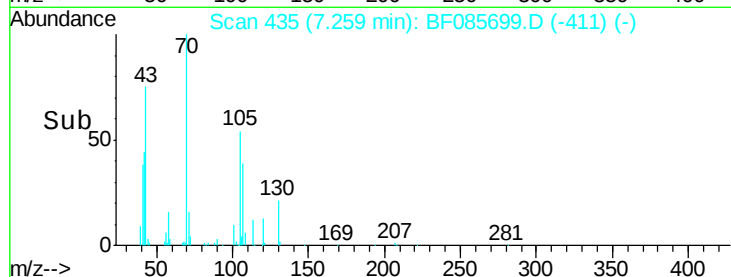
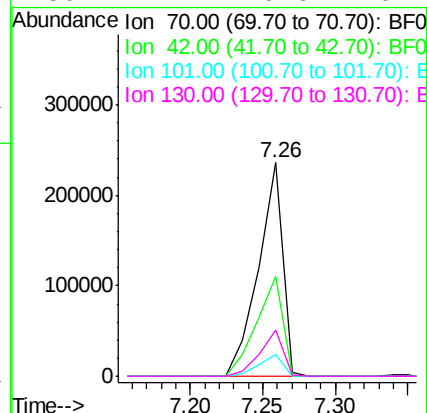
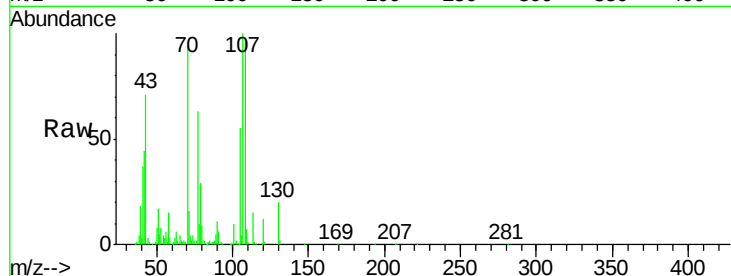




#19
n-Nitroso-di-n-propylamine
Concen: 47.55 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

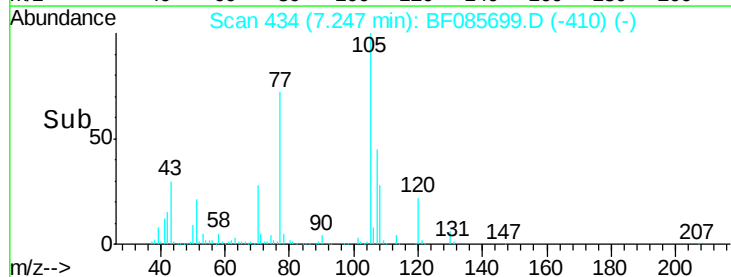
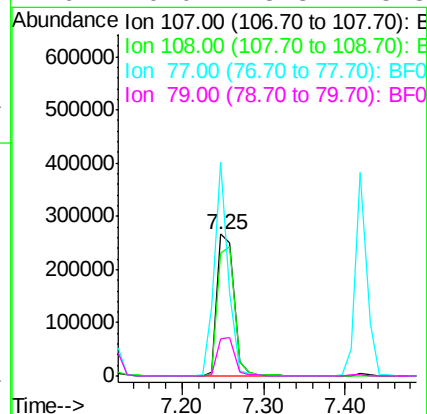
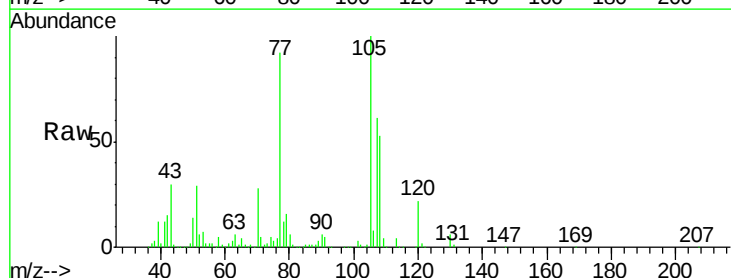
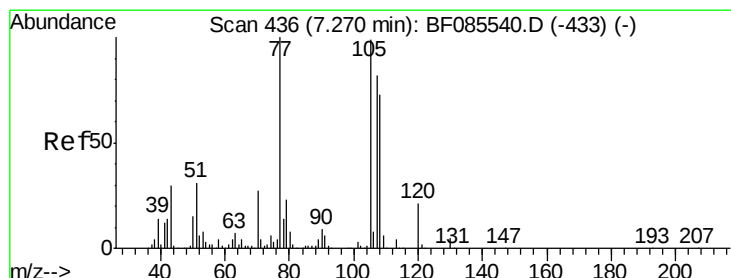
Instrument :
BNA_F
ClientSampled :

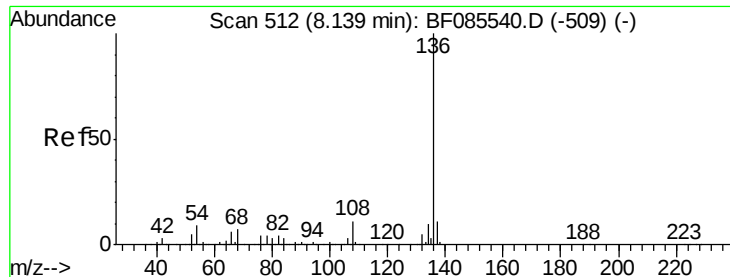
Tot Ion: 70 Resp: 275776
Ion Ratio Lower Upper
70 100
42 46.7 37.1 55.7
101 10.3 8.6 12.8
130 21.4 19.6 29.4



#20
3+4-Methylphenols
Concen: 46.17 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion: 107 Resp: 388195
Ion Ratio Lower Upper
107 100
108 86.3 69.3 109.3
77 150.4 101.7 141.7#
79 26.0 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: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 499236

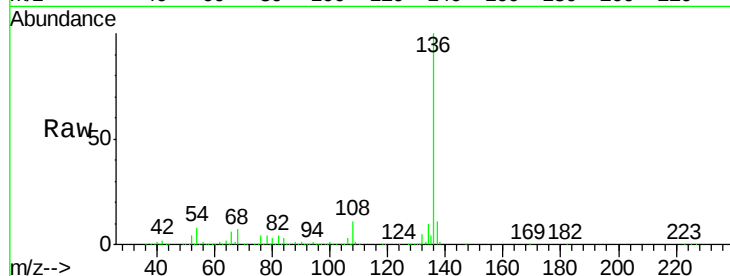
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 7.4 11.0

68 6.7 5.8 8.8

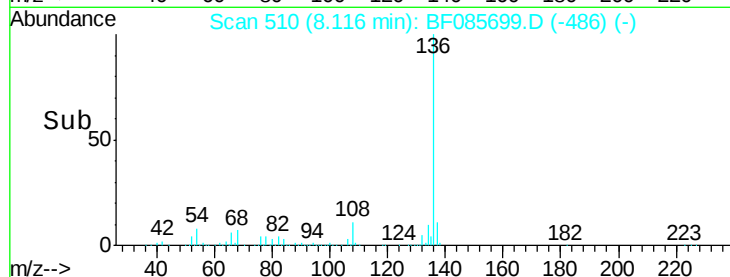


Abundance Ion 136.00 (135.70 to 136.70): E

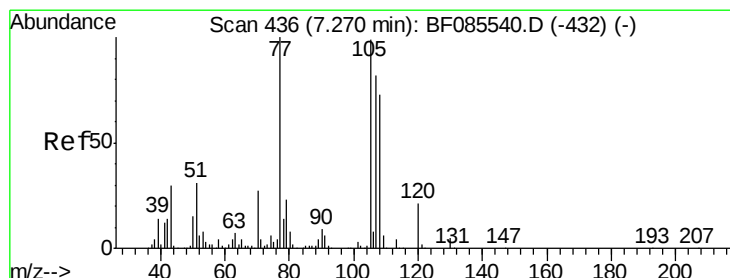
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.49 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Tgt Ion:105 Resp: 503430

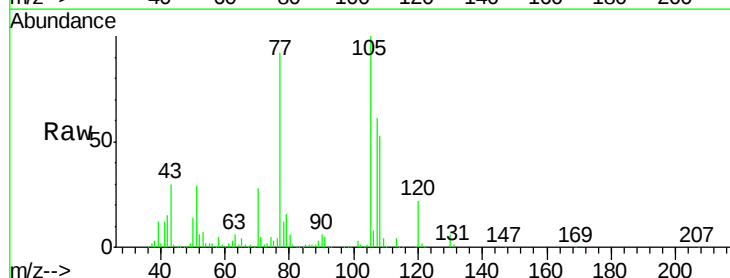
Ion Ratio Lower Upper

105 100

71 4.7 3.6 5.4

51 29.0 25.4 38.0

120 21.7 16.9 25.3

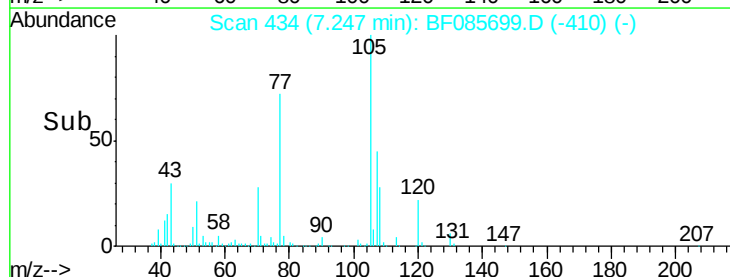


Abundance Ion 105.00 (104.70 to 105.70): E

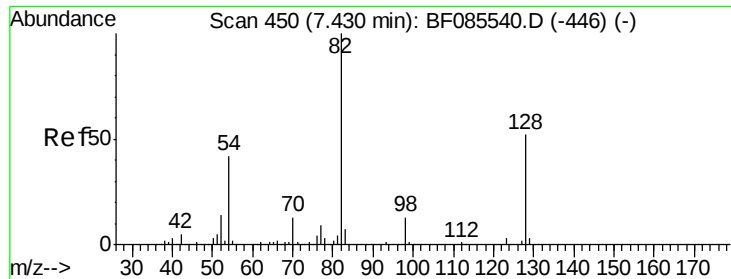
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



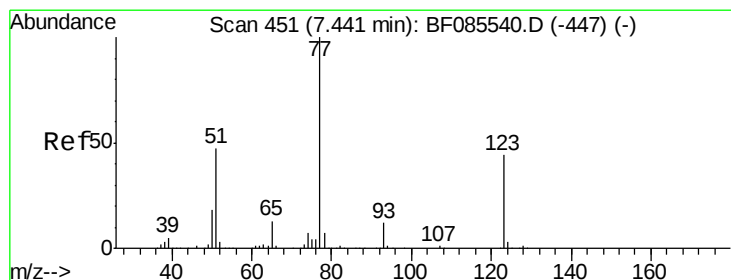
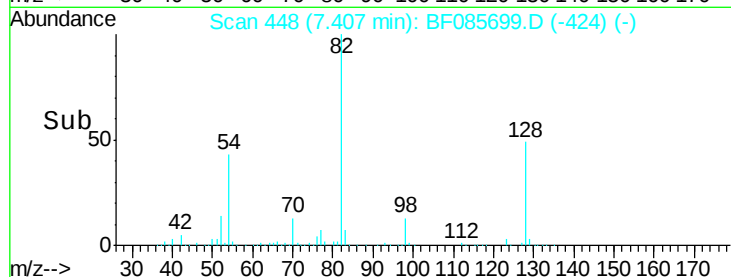
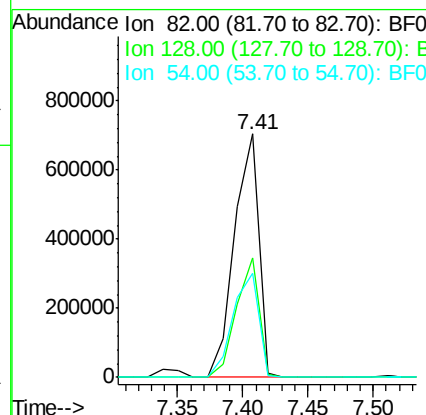
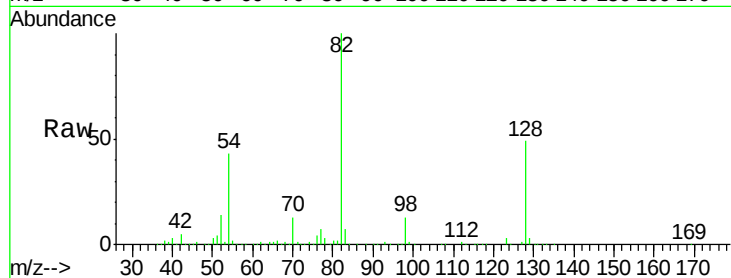
Time-->



#23
 Nitrobenzene-d5
 Concen: 105.77 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

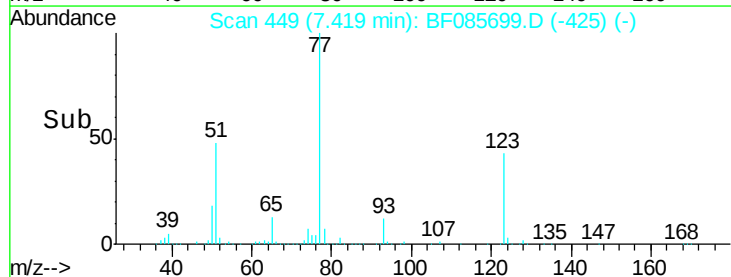
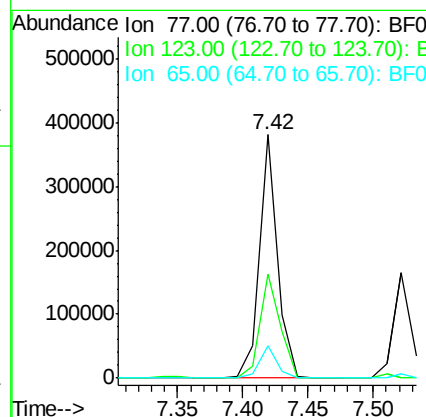
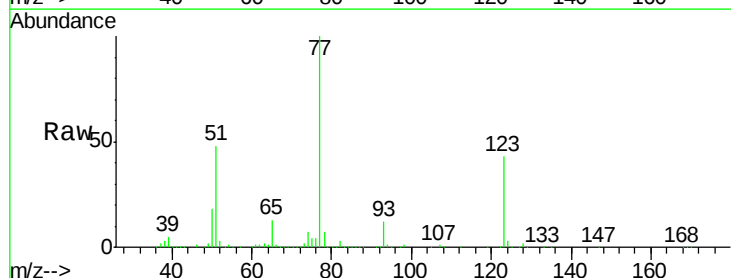
Instrument :
 BNA_F
 ClientSampleId :

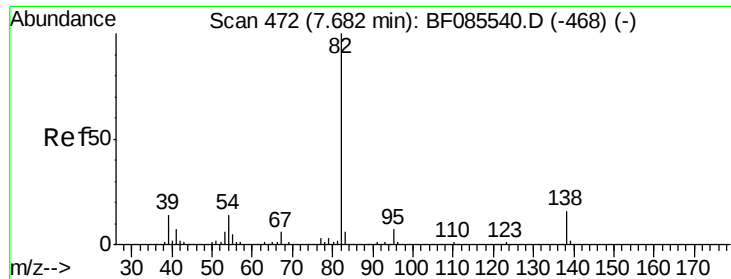
Tot Ion	82	Resp	909707
Ion Ratio	Lower	Upper	
82	100		
128	48.9	41.8	62.8
54	42.7	33.4	50.0



#24
 Nitrobenzene
 Concen: 38.95 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion	77	Resp	366686
Ion Ratio	Lower	Upper	
77	100		
123	43.0	35.0	52.4
65	13.3	10.6	16.0





#25

Isophorone

Concen: 43.65 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

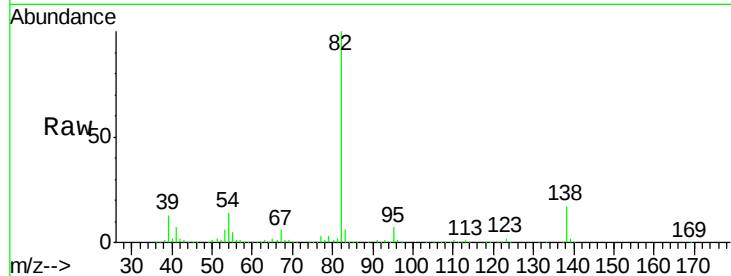
Tot Ion: 82 Resp: 751602

Ion Ratio Lower Upper

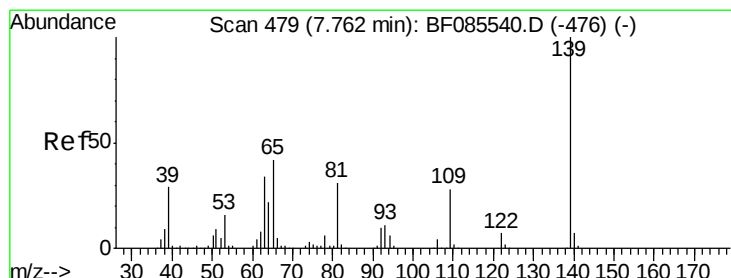
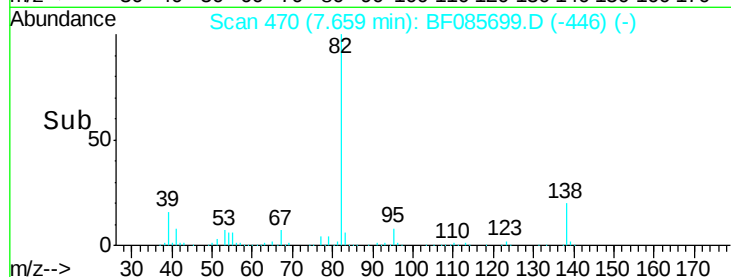
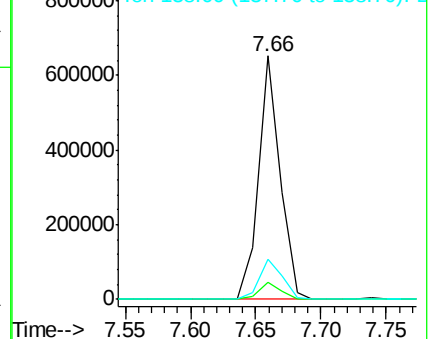
82 100

95 7.0 5.4 8.2

138 16.6 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: 46.39 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

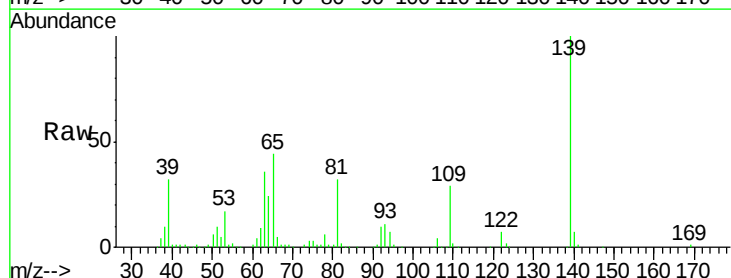
Tgt Ion: 139 Resp: 215857

Ion Ratio Lower Upper

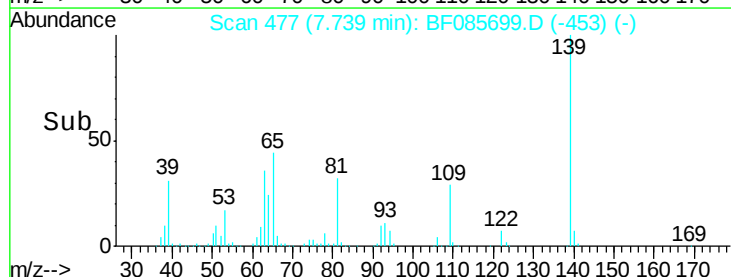
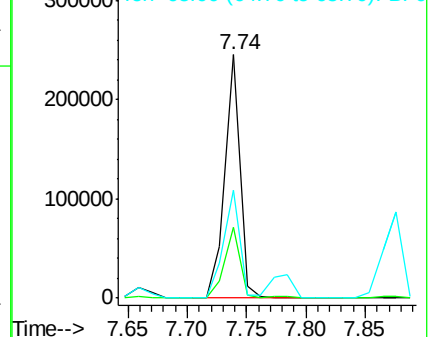
139 100

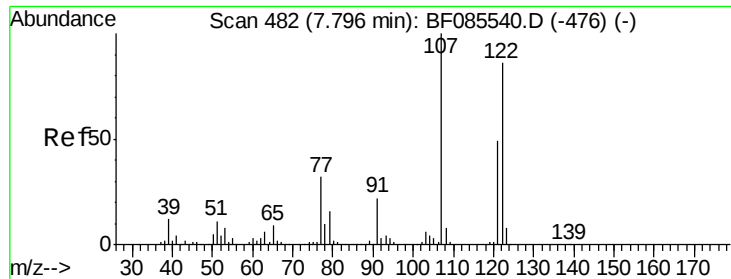
109 28.8 22.1 33.1

65 44.4 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: 47.96 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

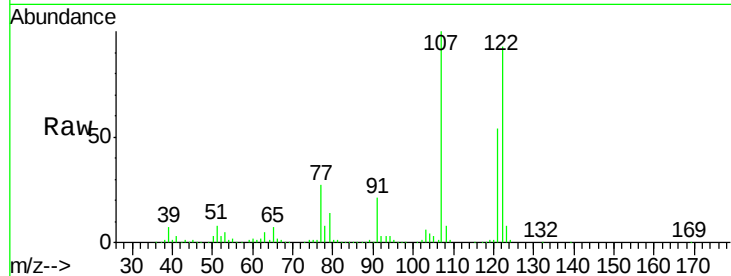
Tot Ion:122 Resp: 394578

Ion Ratio Lower Upper

122 100

107 107.5 93.0 139.6

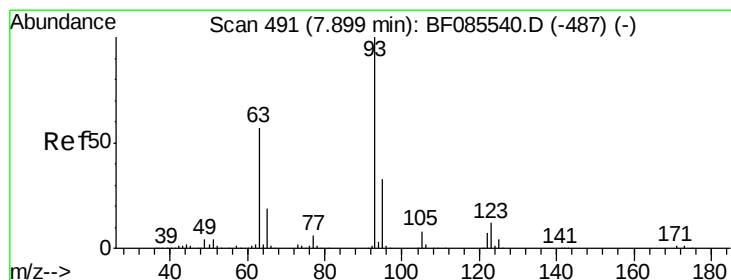
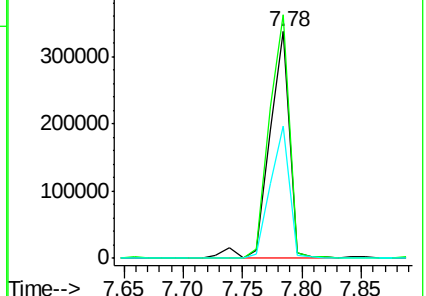
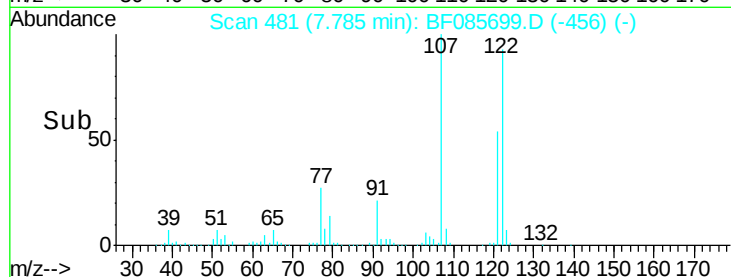
121 58.4 45.9 68.9



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: 51.14 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

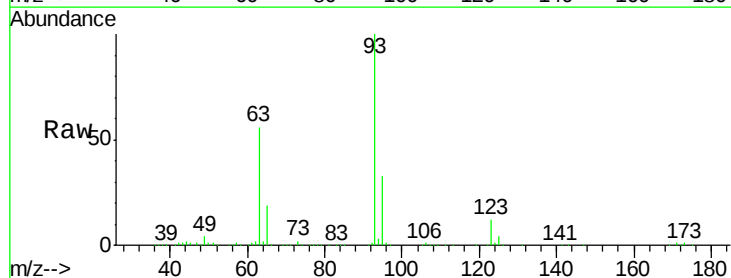
Tgt Ion: 93 Resp: 500864

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

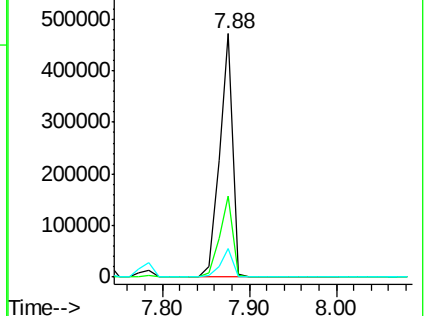
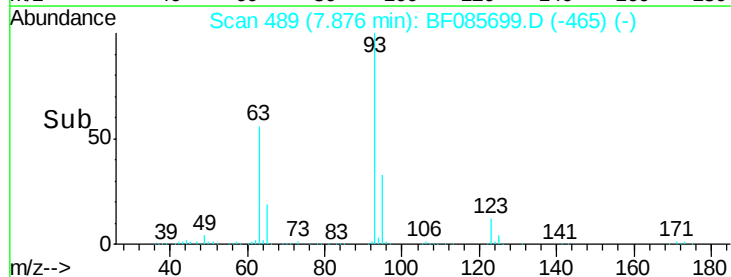
123 11.6 9.8 14.6

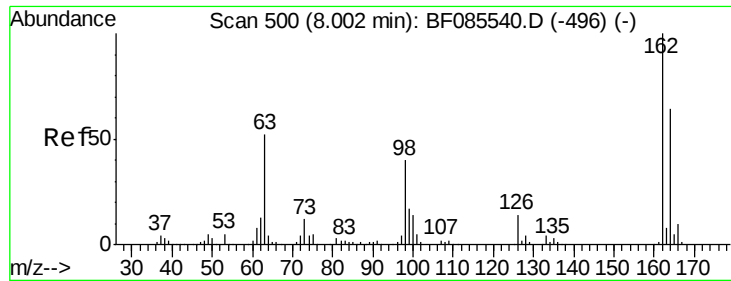


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

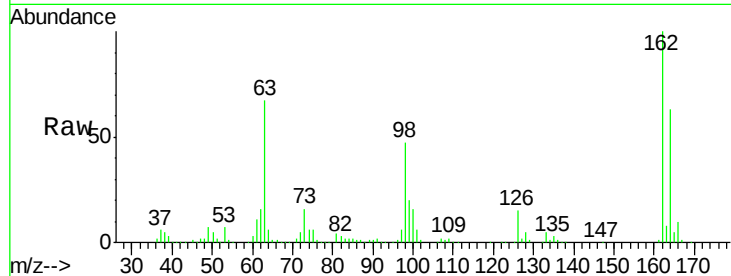




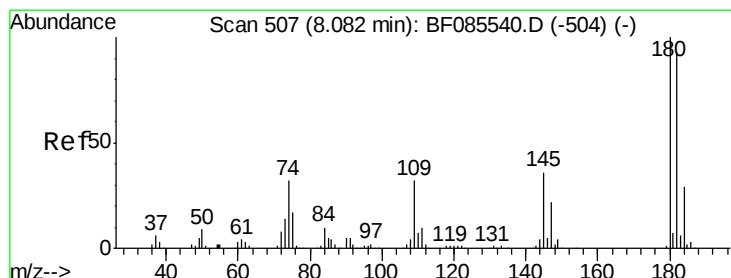
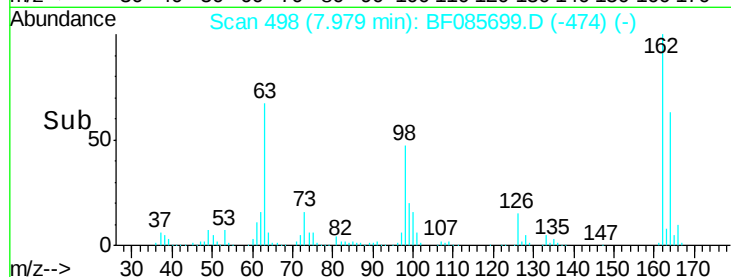
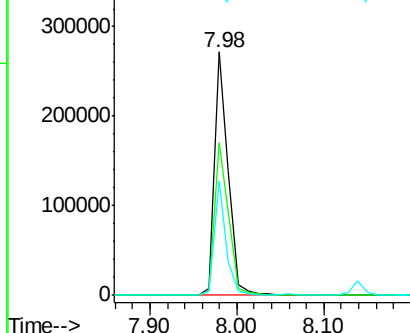
#29
2,4-Dichlorophenol
Concen: 44.71 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 303811
Ion Ratio Lower Upper
162 100
164 62.7 43.7 83.7
98 46.8 20.4 60.4

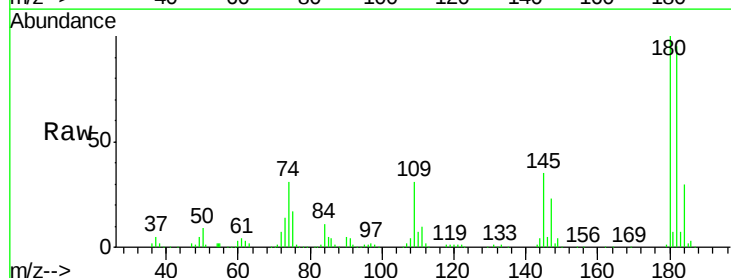


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

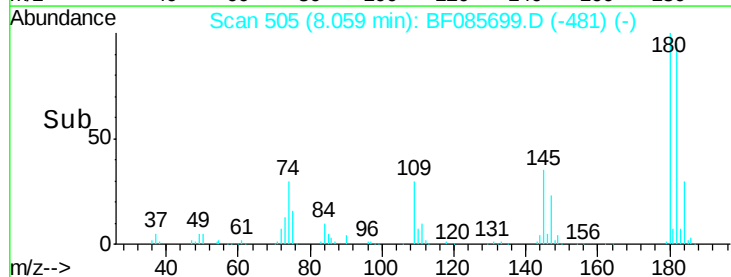
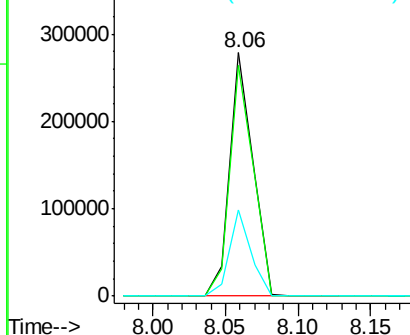


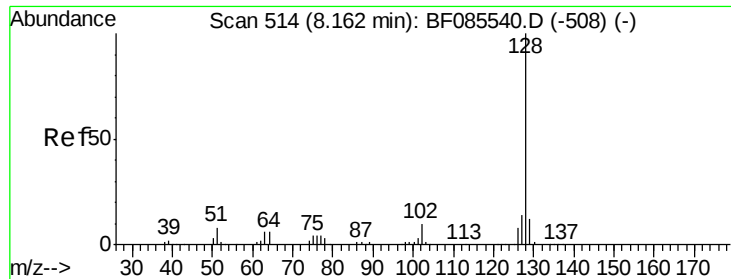
#30
1,2,4-Trichlorobenzene
Concen: 40.69 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:180 Resp: 309716
Ion Ratio Lower Upper
180 100
182 95.0 73.8 110.8
145 35.4 28.4 42.6



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

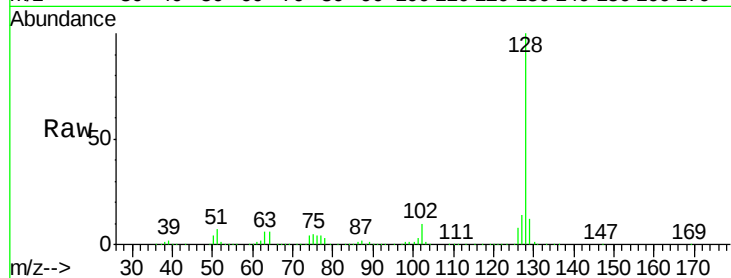




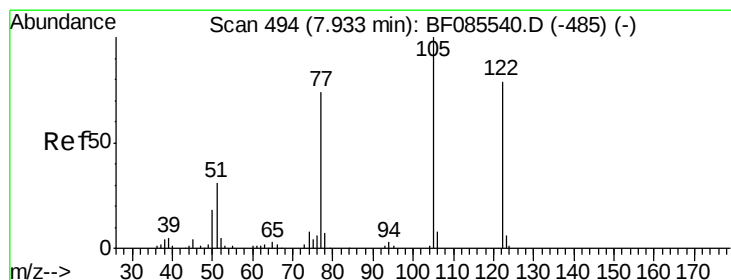
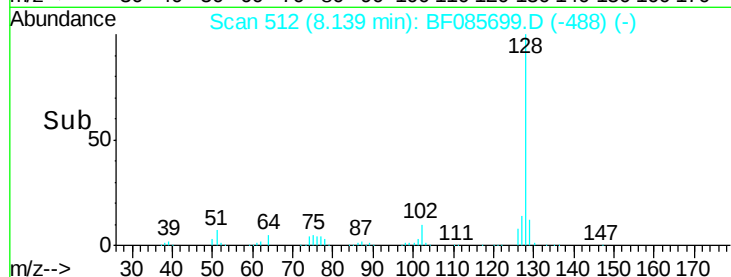
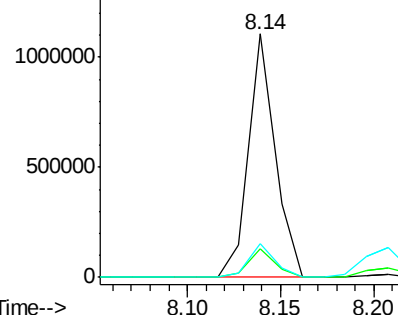
#31
Naphthalene
Concen: 43.37 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1092826
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.7 11.0 16.6

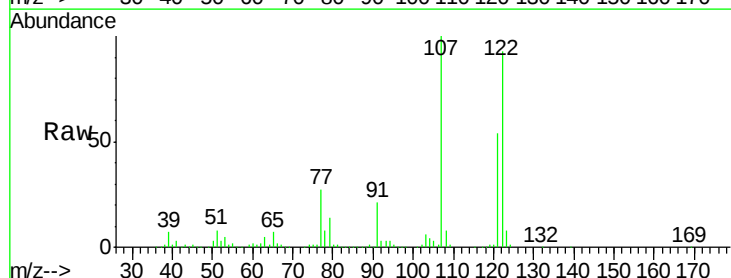


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

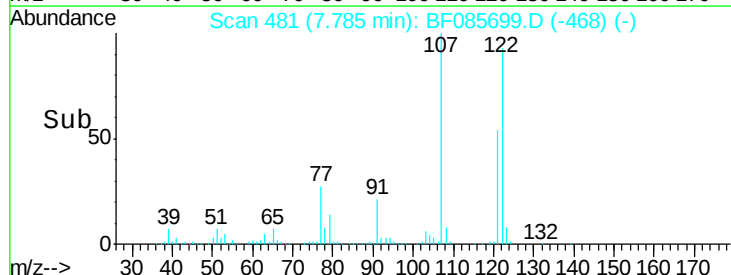
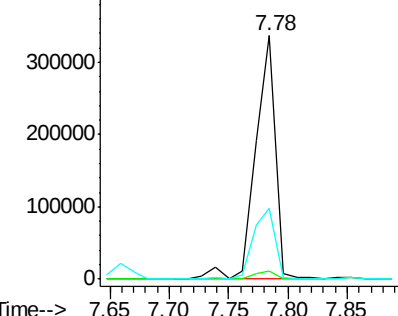


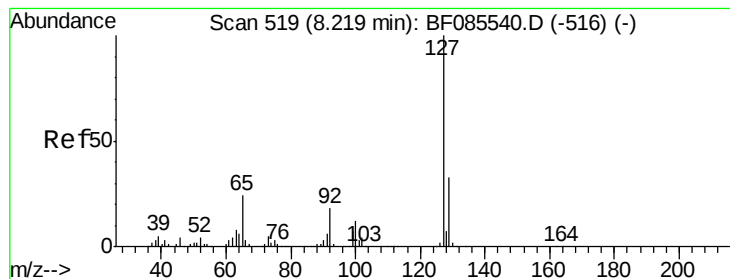
#32
Benzoic acid
Concen: 57.36 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.15 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:122 Resp: 394578
Ion Ratio Lower Upper
122 100
105 3.4 102.9 142.9#
77 28.9 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: 21.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 216911

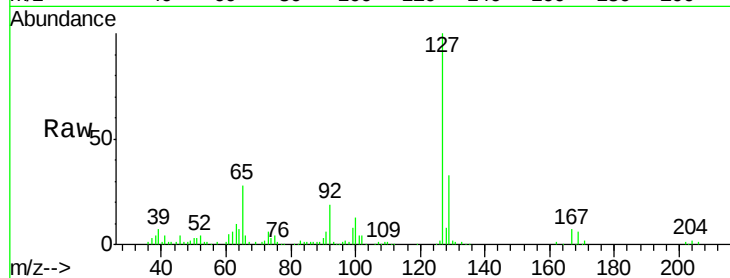
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 28.5 19.5 29.3

92 19.1 14.6 22.0

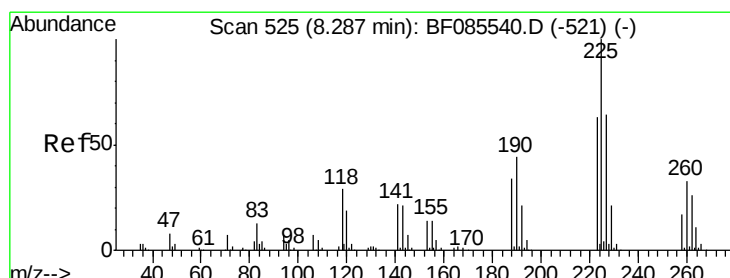
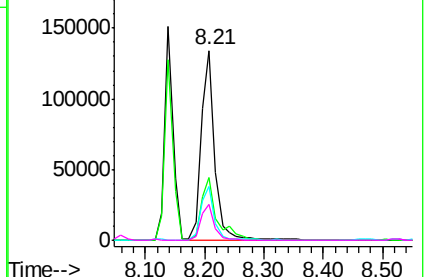
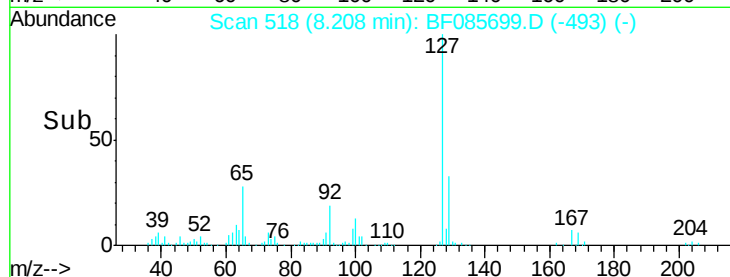


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.36 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

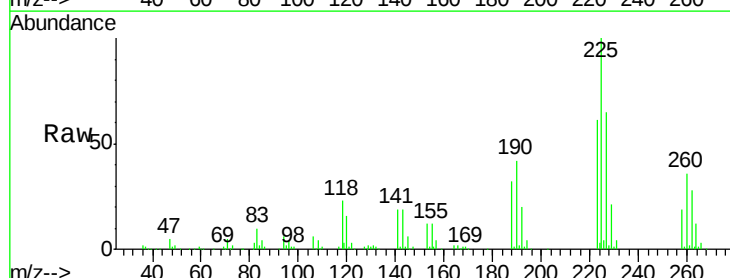
Tgt Ion:225 Resp: 163706

Ion Ratio Lower Upper

225 100

223 61.4 50.4 75.6

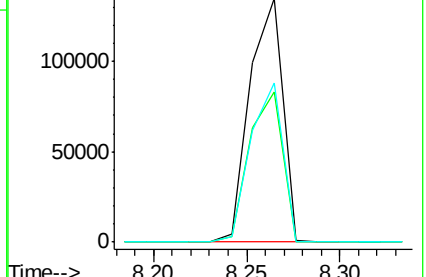
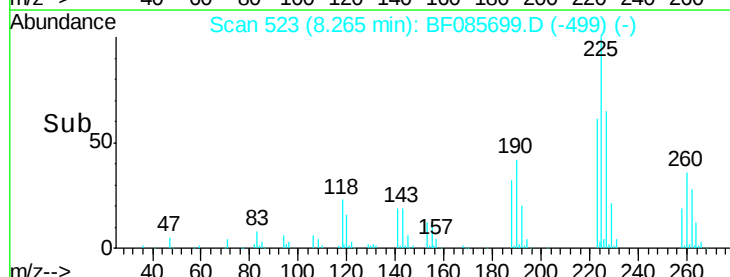
227 65.3 51.4 77.2

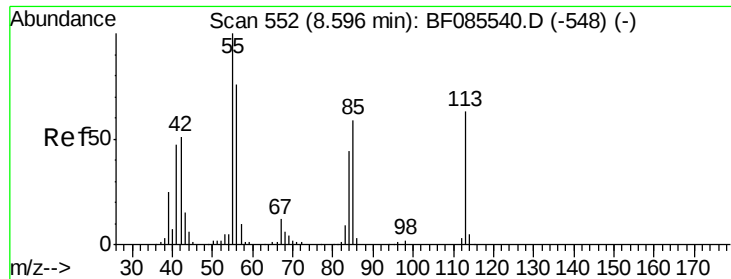


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

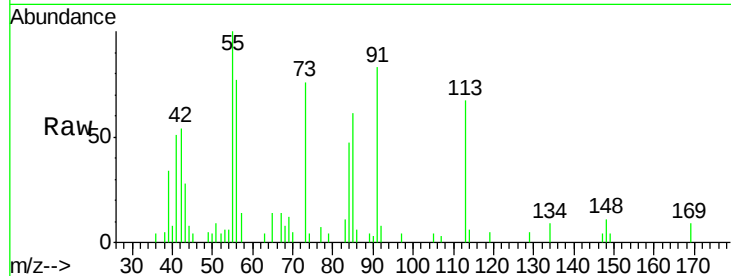




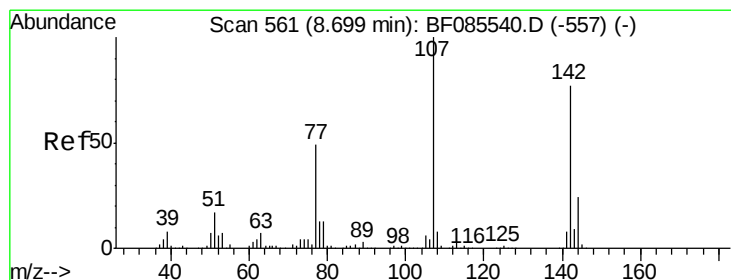
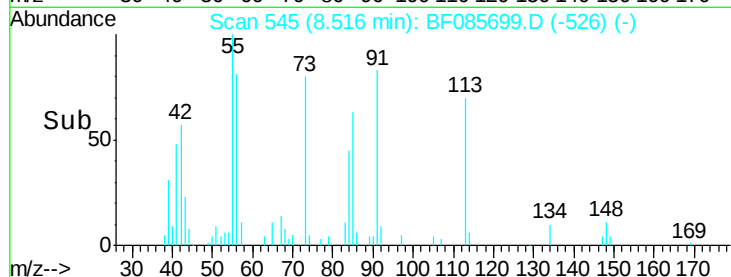
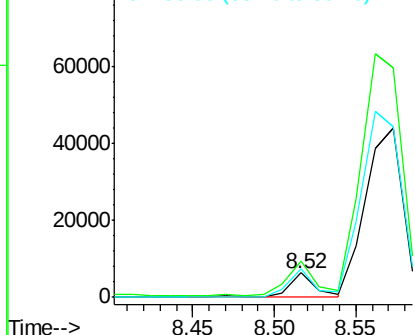
#35
Caprolactam
Concen: 3.04 ng
RT: 8.52 min Scan# 545
Delta R.T. -0.08 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 7111
Ion Ratio Lower Upper
113 100
55 150.0 139.4 179.4
56 115.6 100.4 140.4

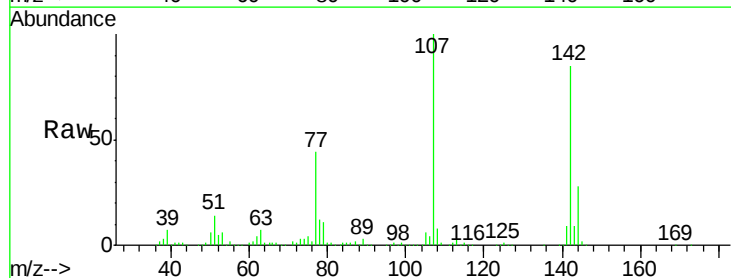


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

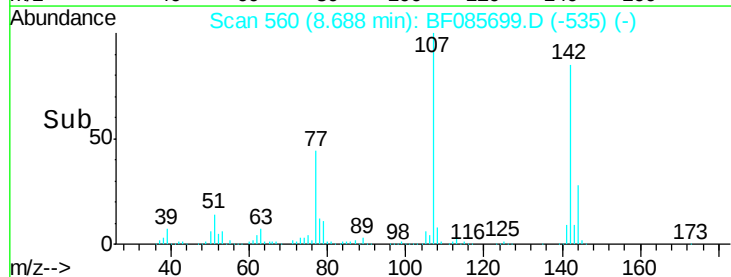
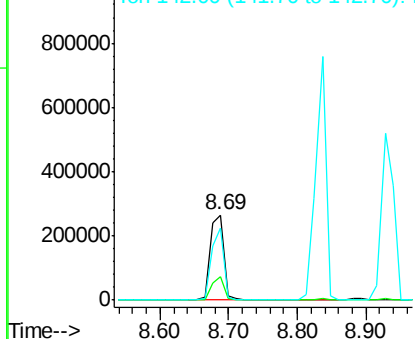


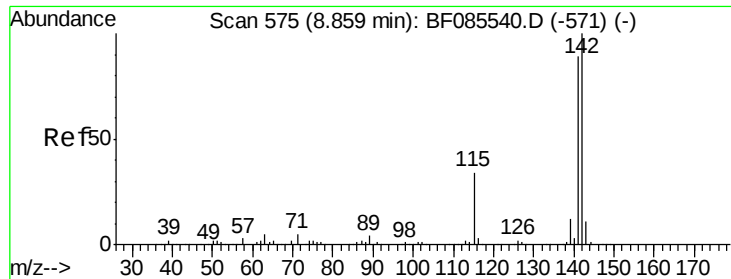
#36
4-Chloro-3-methylphenol
Concen: 46.44 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:107 Resp: 368565
Ion Ratio Lower Upper
107 100
144 27.5 19.3 28.9
142 85.3 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

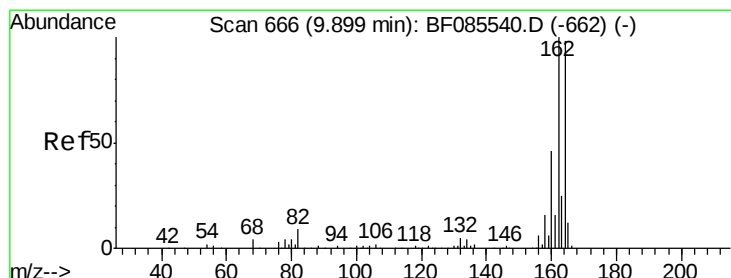
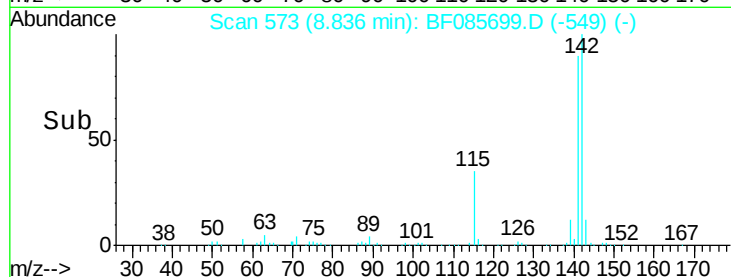
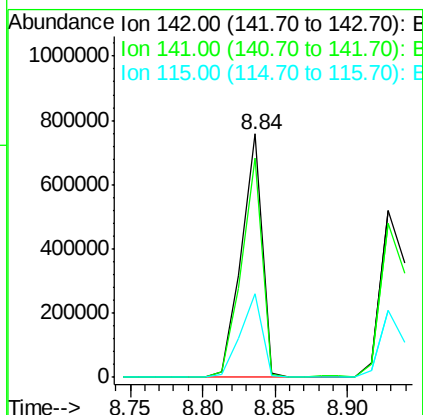
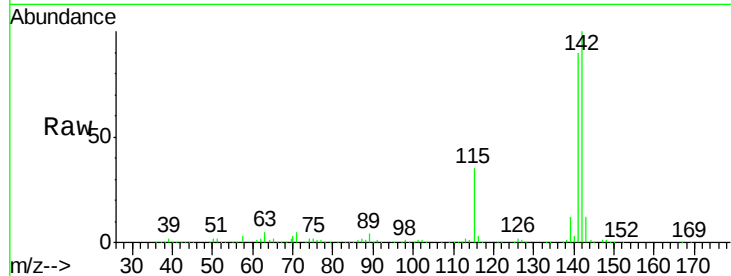




#37
2-Methylnaphthalene
Concen: 49.40 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

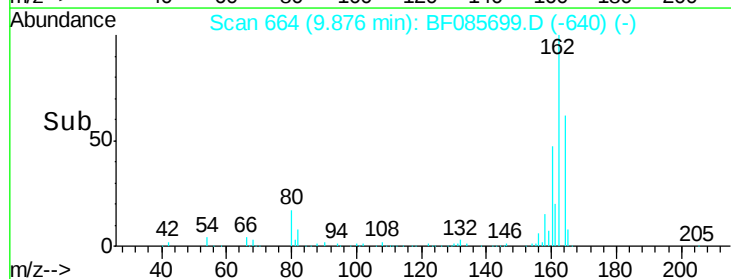
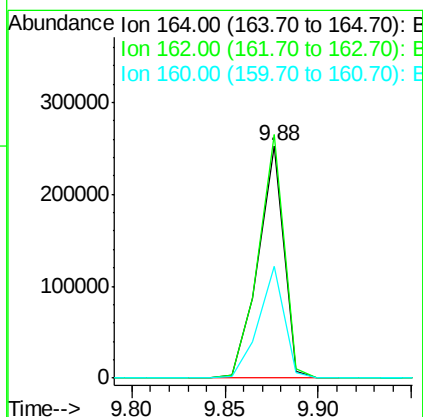
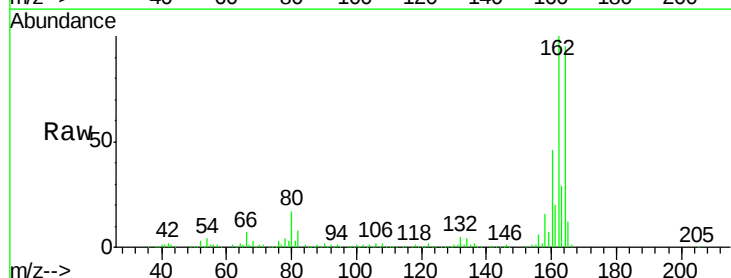
Instrument :
BNA_F
ClientSampled :

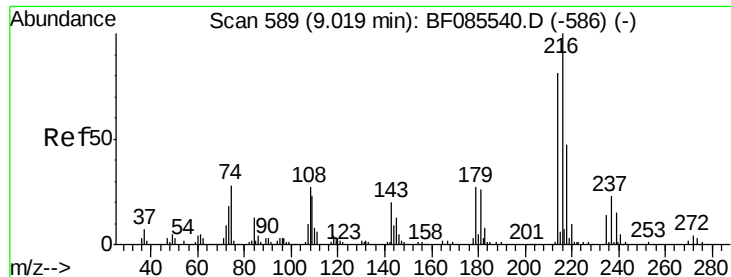
Tot Ion:142 Resp: 758810
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4
115 34.6 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:164 Resp: 239949
Ion Ratio Lower Upper
164 100
162 104.8 82.1 123.1
160 48.1 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.49 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 265610

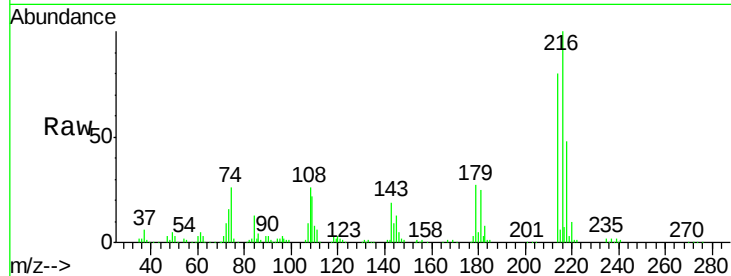
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 23.9 18.2 27.2

108 22.3 17.3 25.9

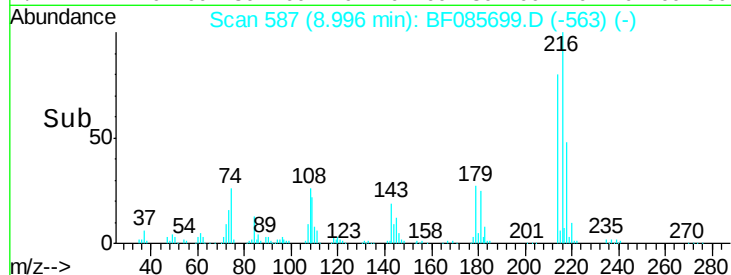


Abundance Ion 216.00 (215.70 to 216.70): E

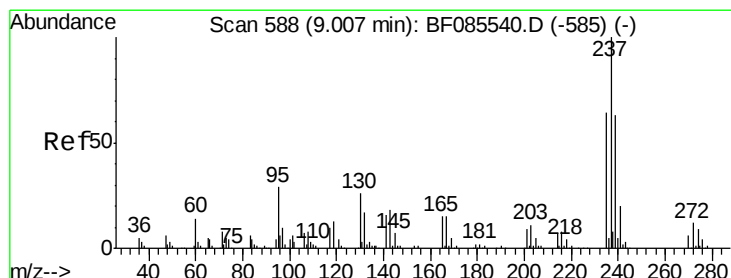
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 14.65 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

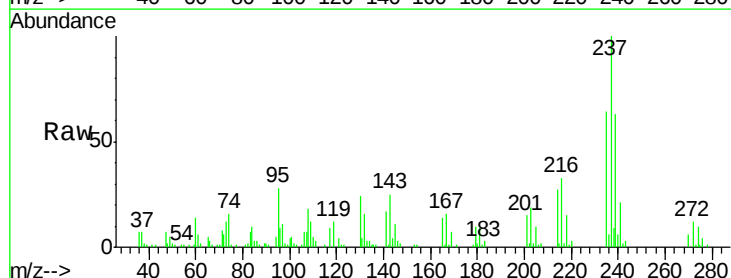
Tgt Ion:237 Resp: 48065

Ion Ratio Lower Upper

237 100

235 63.8 43.7 83.7

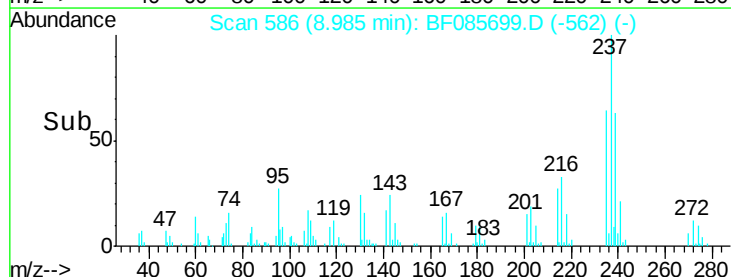
272 11.8 0.0 31.9



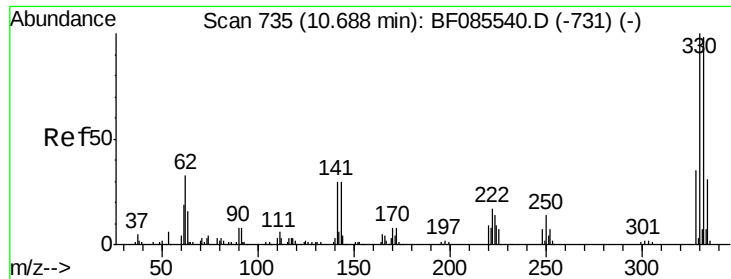
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



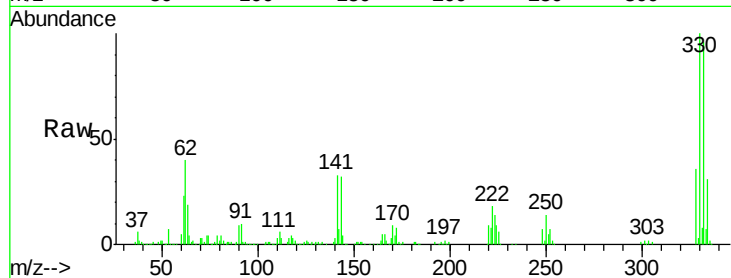
Time-->



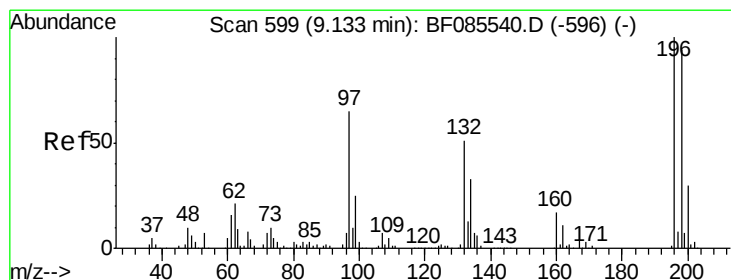
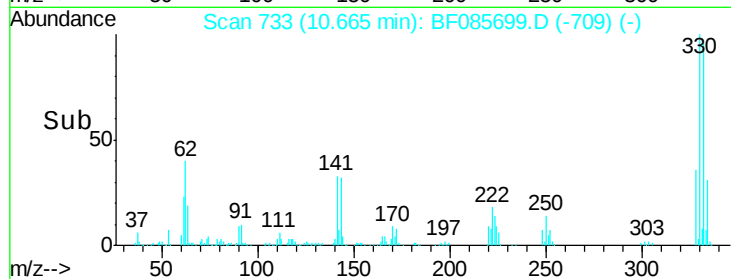
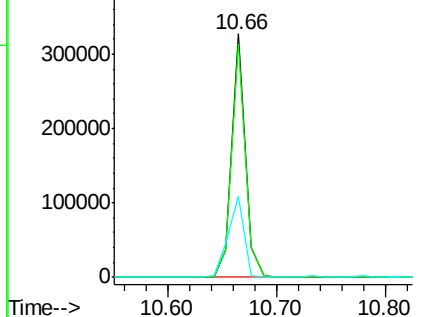
#41
 2,4,6-Tribromophenol
 Concen: 120.07 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	38.5	31.5	47.3

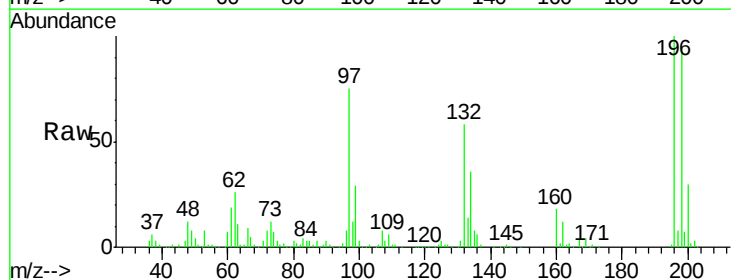


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

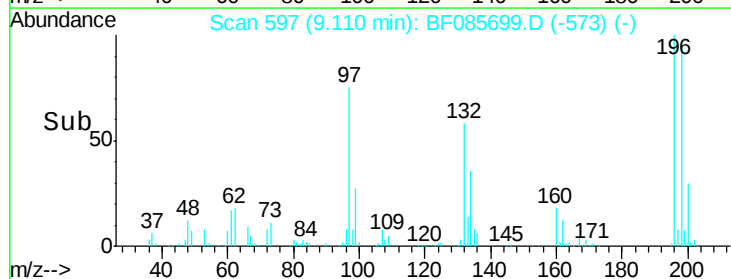
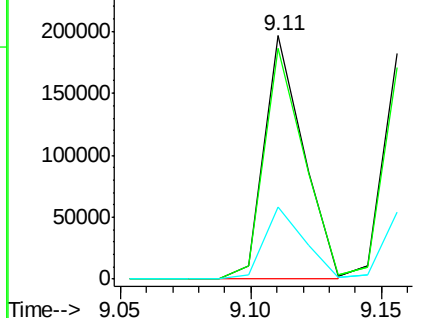


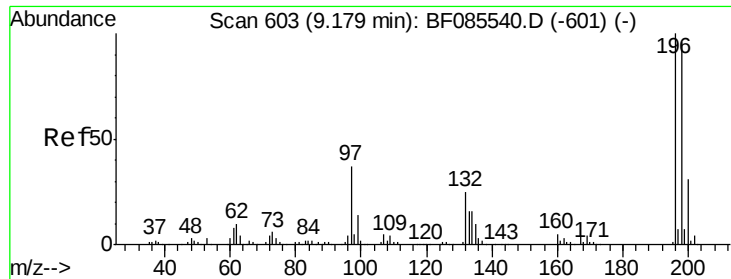
#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.3	112.9
200	29.5	23.7	35.5



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

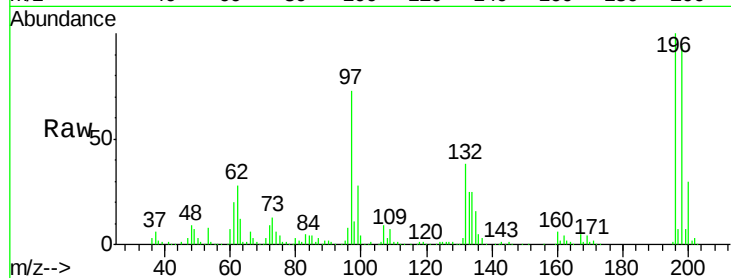




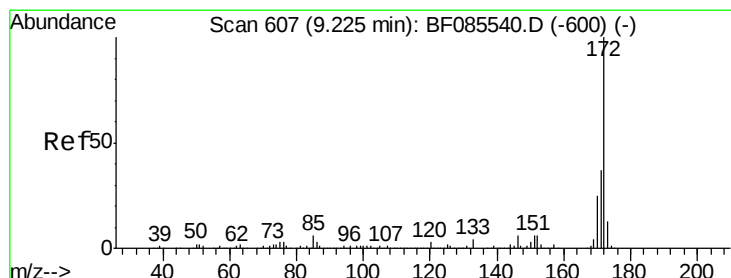
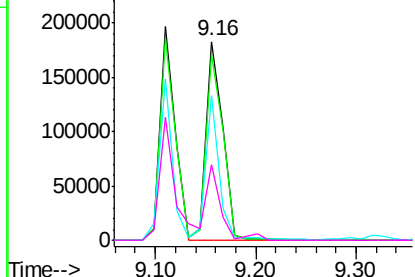
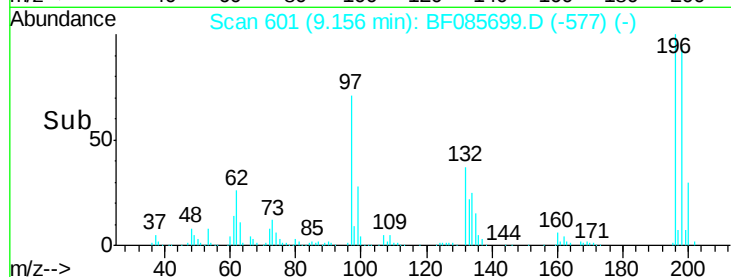
#43
2,4,5-Trichlorophenol
Concen: 41.45 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 210158
Ion Ratio Lower Upper
196 100
198 93.7 76.6 114.8
97 73.1 30.5 45.7#
132 38.3 20.2 30.2#

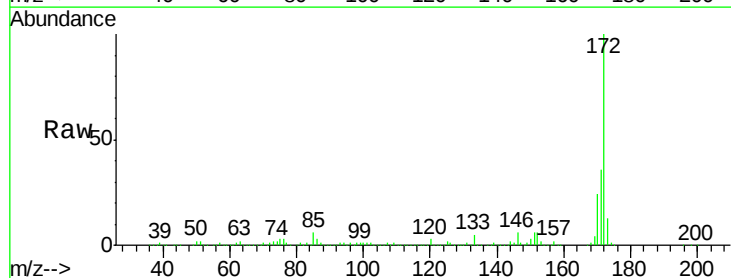


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

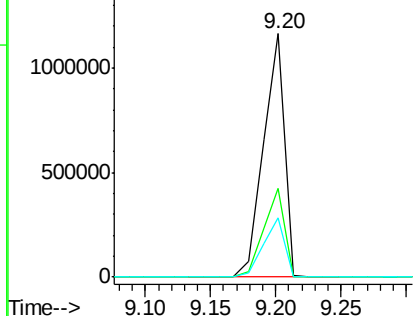
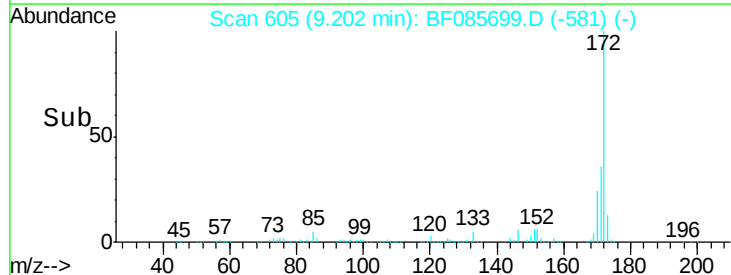


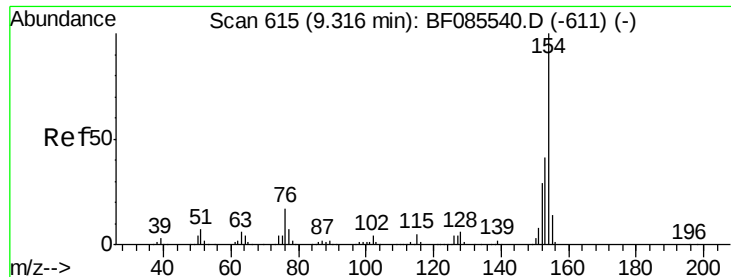
#44
2-Fluorobiphenyl
Concen: 96.40 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:172 Resp: 1310524
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 24.4 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

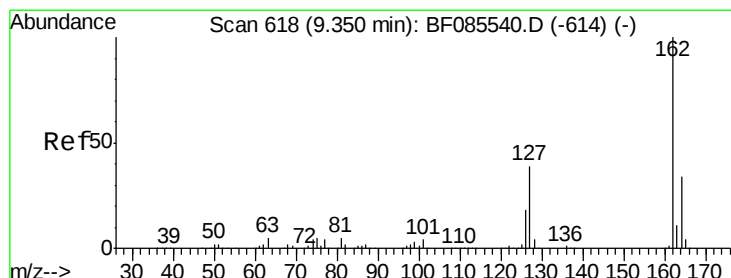
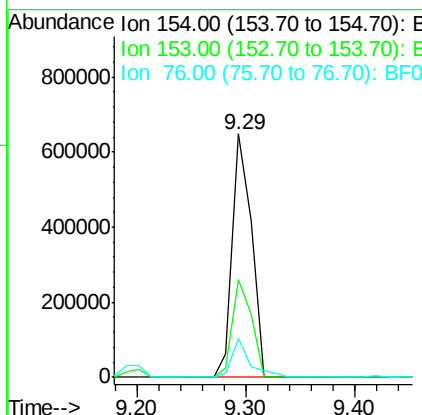
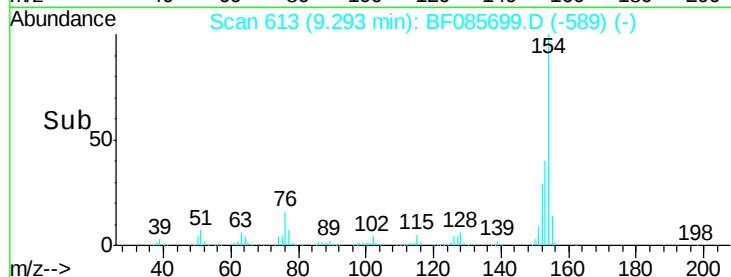
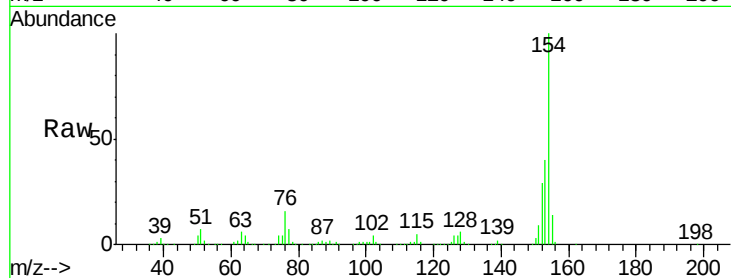




#45
 1,1'-Biphenyl
 Concen: 37.53 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

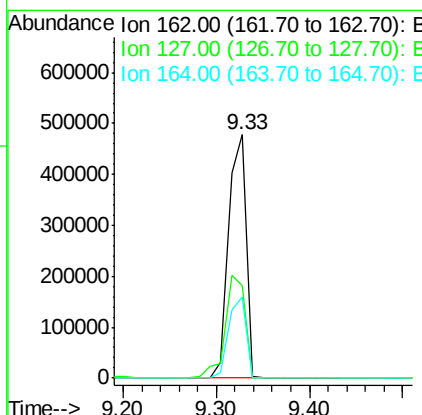
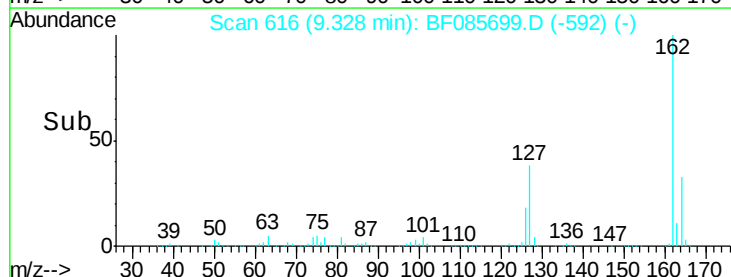
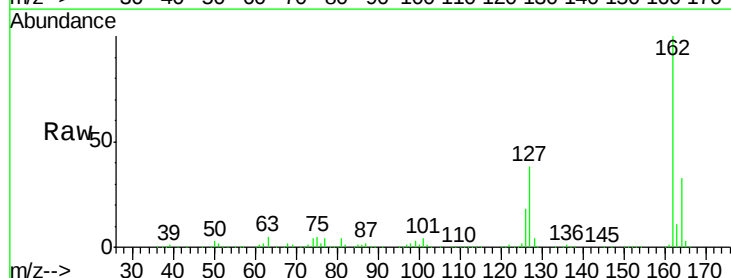
Instrument :
 BNA_F
 ClientSampleId :

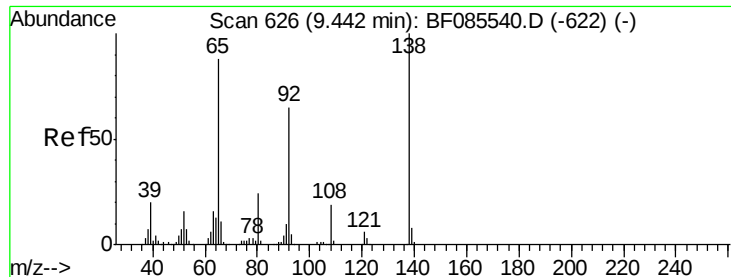
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	16.1	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 41.70 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.7	47.5
164	33.5	27.3	40.9

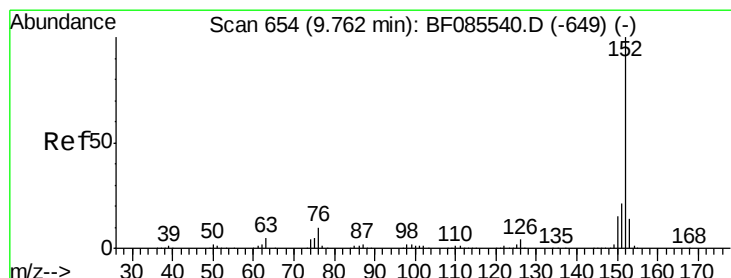
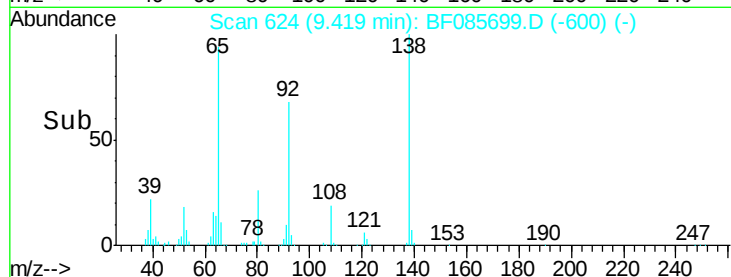
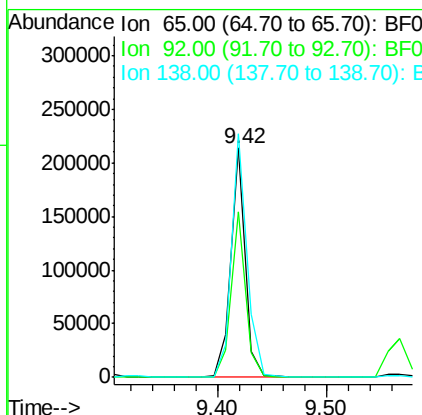
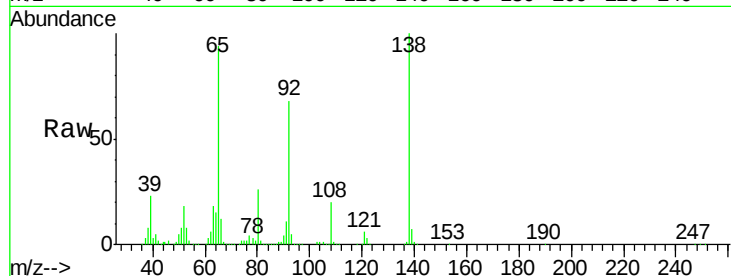




#47
2-Nitroaniline
Concen: 42.76 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

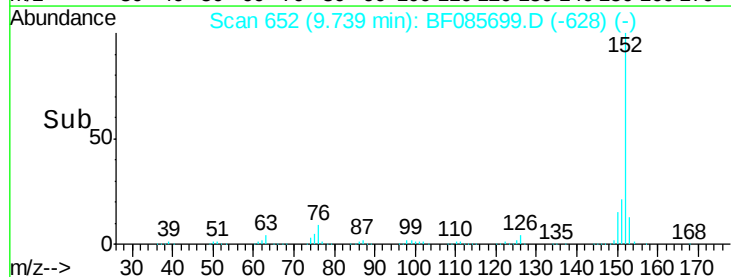
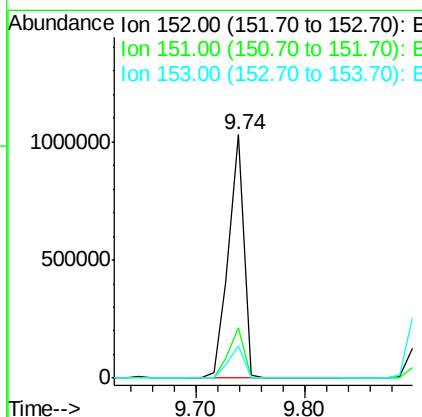
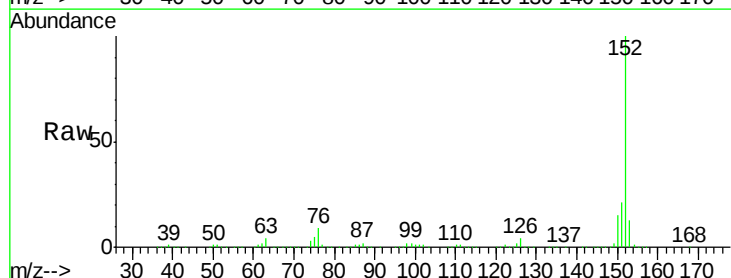
Instrument :
BNA_F
ClientSampleId :

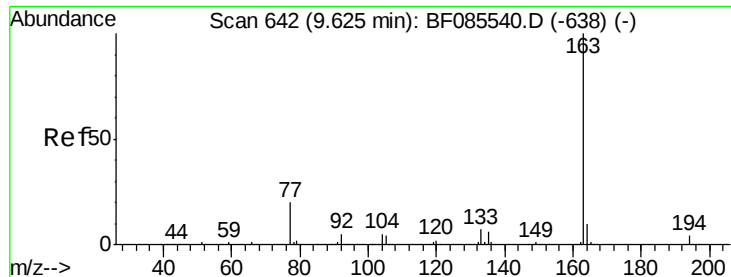
Tot Ion: 65 Resp: 195601
Ion Ratio Lower Upper
65 100
92 72.4 59.7 89.5
138 106.4 91.4 137.0



#48
Acenaphthylene
Concen: 41.45 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion: 152 Resp: 1014147
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.2 10.9 16.3

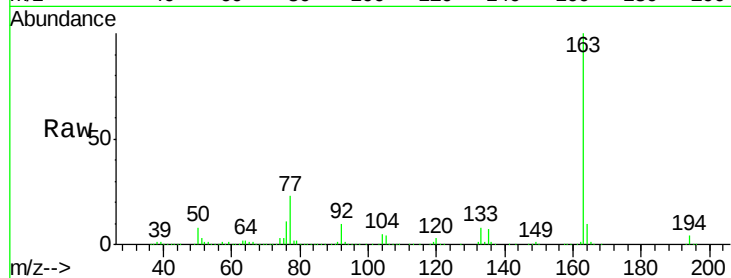




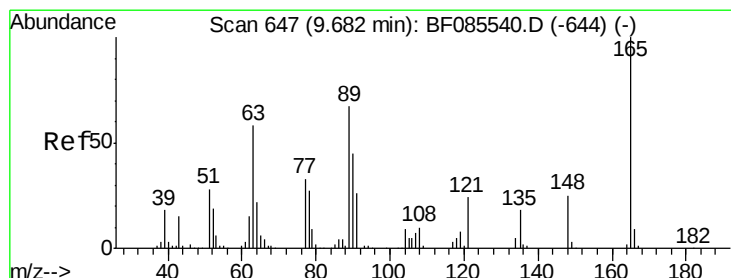
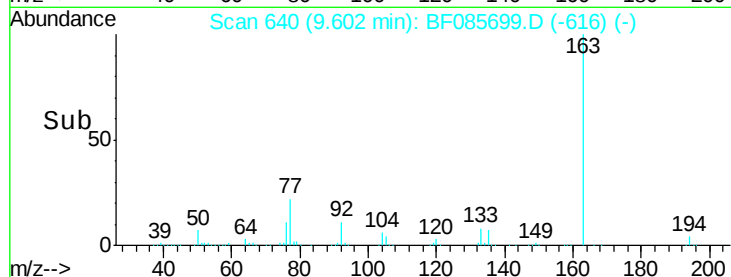
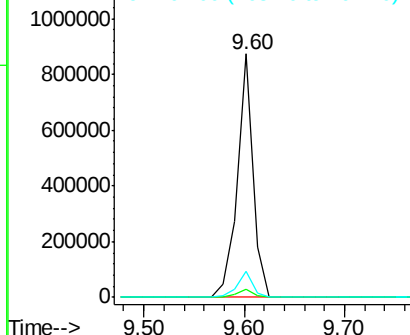
#49
Dimethylphthalate
Concen: 52.22 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 945606
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.5 8.3 12.5

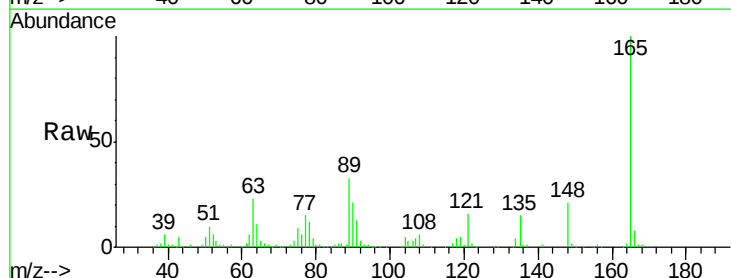


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

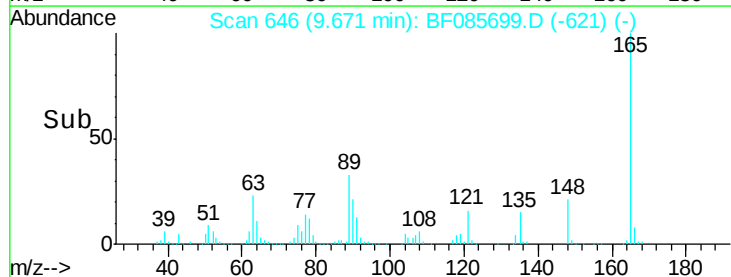
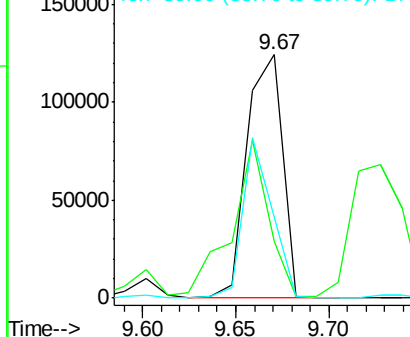


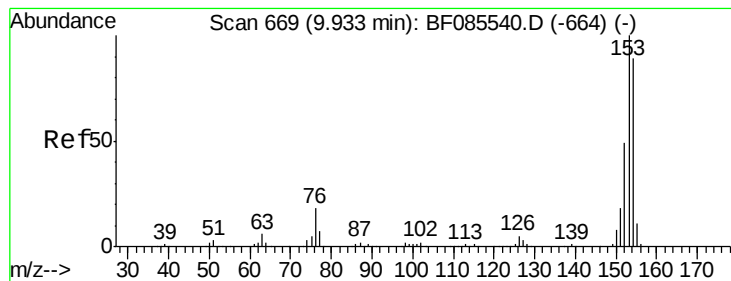
#50
2,6-Dinitrotoluene
Concen: 42.77 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:165 Resp: 163493
Ion Ratio Lower Upper
165 100
63 23.3 51.8 77.8#
89 33.1 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: 41.25 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

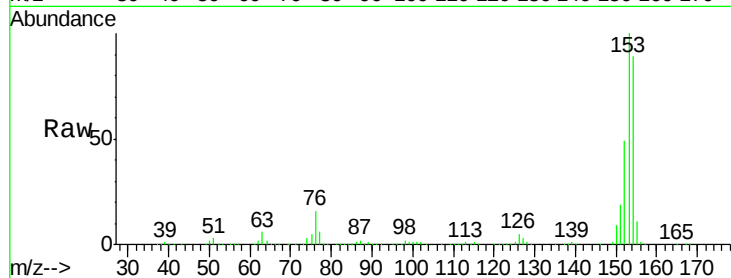
Tot Ion:154 Resp: 633341

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

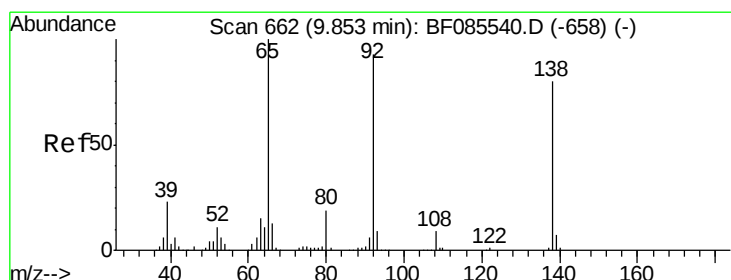
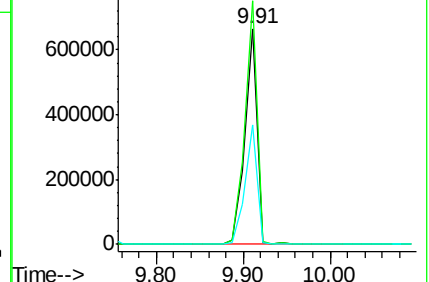
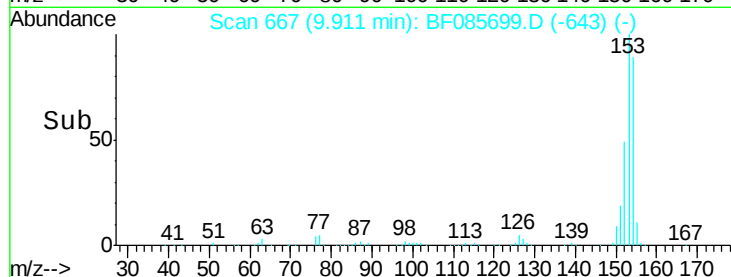
152 55.6 44.2 66.2



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: 28.52 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

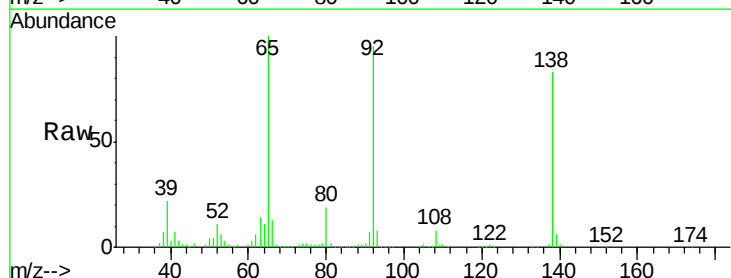
Tgt Ion:138 Resp: 136554

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

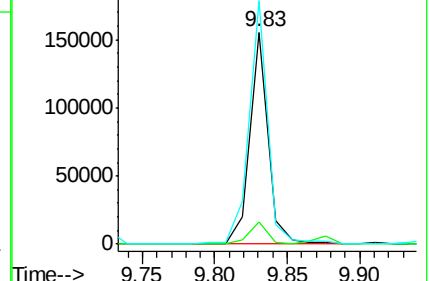
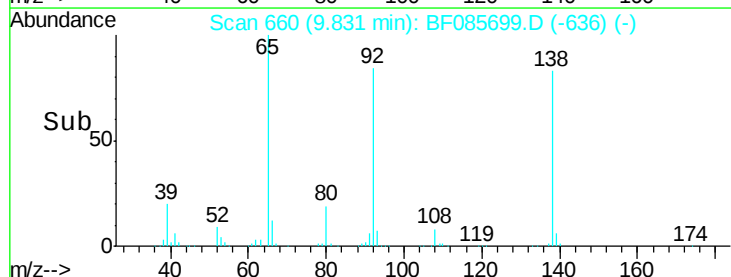
92 114.9 93.3 139.9

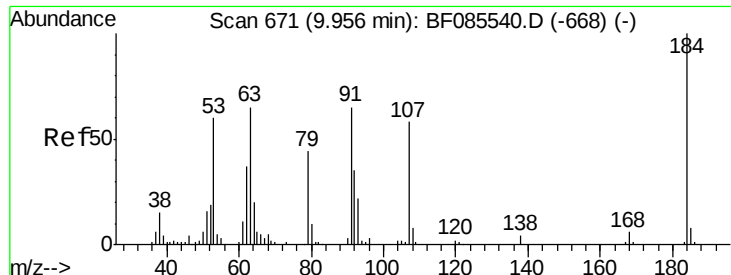


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

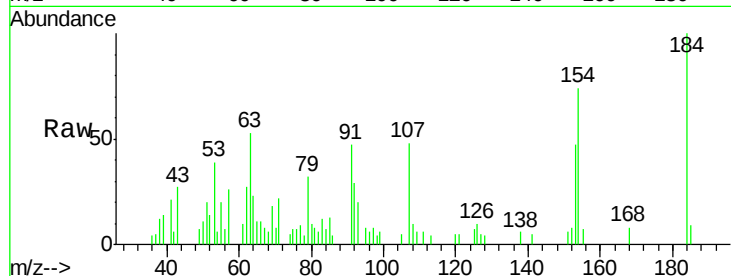




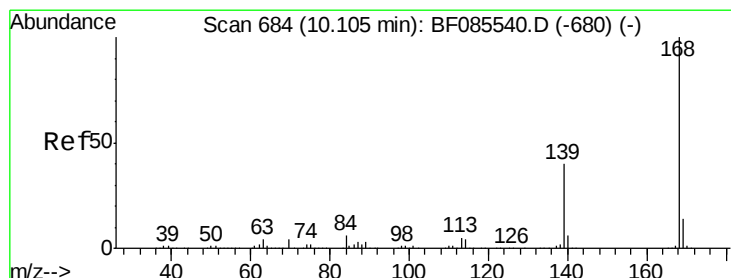
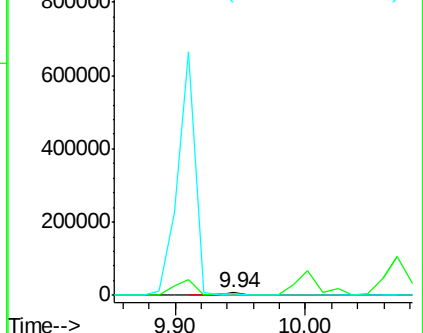
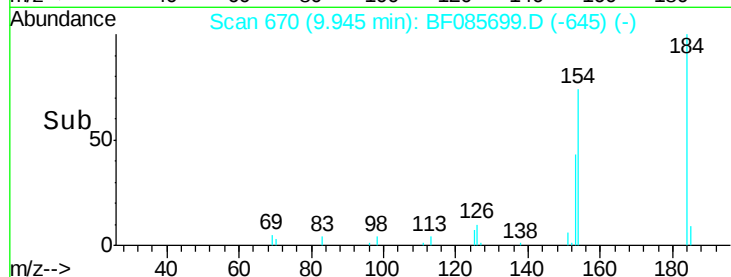
#53
 2,4-Dinitrophenol
 Concen: 3.74 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 8765
 Ion Ratio Lower Upper
 184 100
 63 53.0 69.5 104.3#
 154 73.6 58.3 87.5

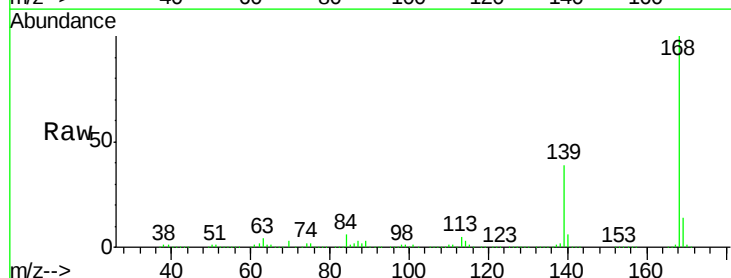


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

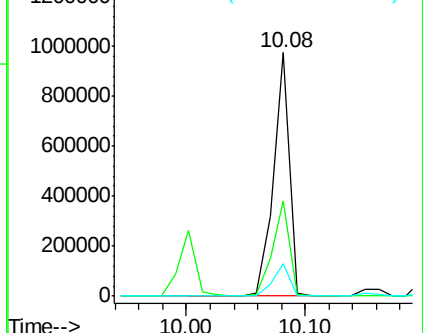
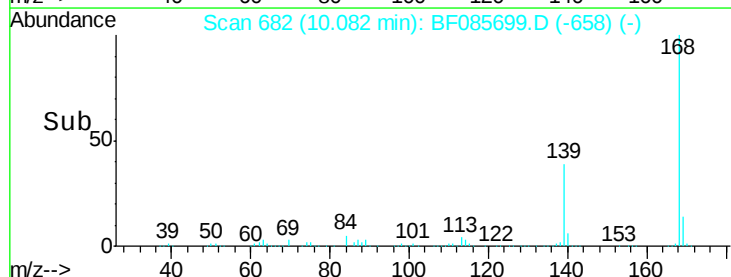


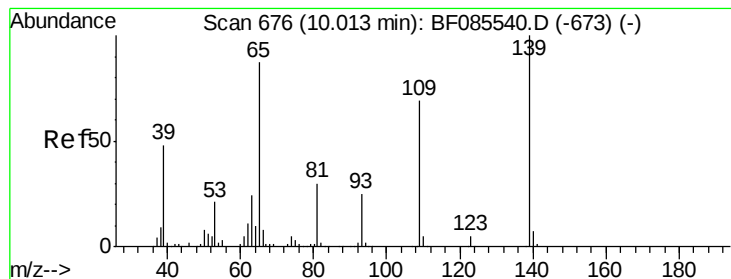
#54
 Dibenzofuran
 Concen: 48.57 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion:168 Resp: 908216
 Ion Ratio Lower Upper
 168 100
 139 39.3 31.9 47.9
 169 13.5 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: 70.14 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampled :

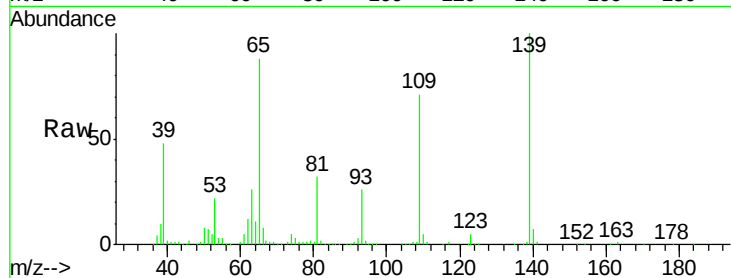
Tot Ion:139 Resp: 259534

Ion Ratio Lower Upper

139 100

109 71.1 49.2 89.2

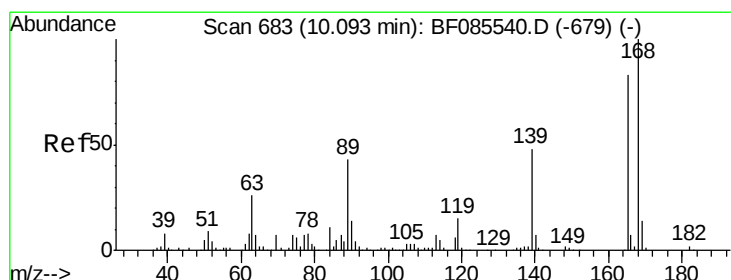
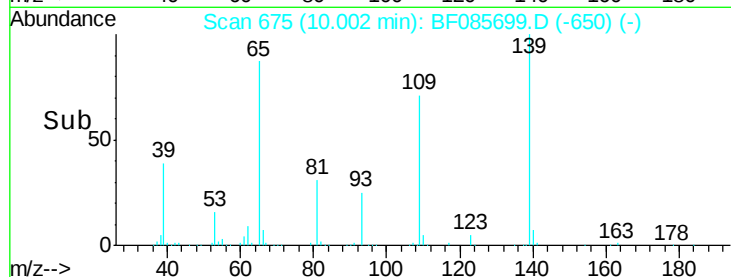
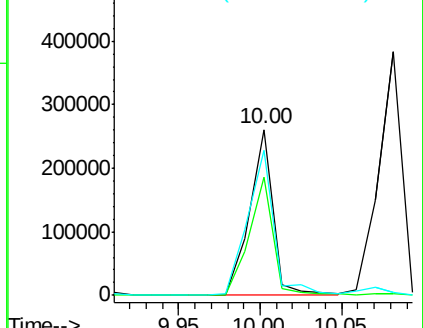
65 87.9 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.51 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Tgt Ion:165 Resp: 227774

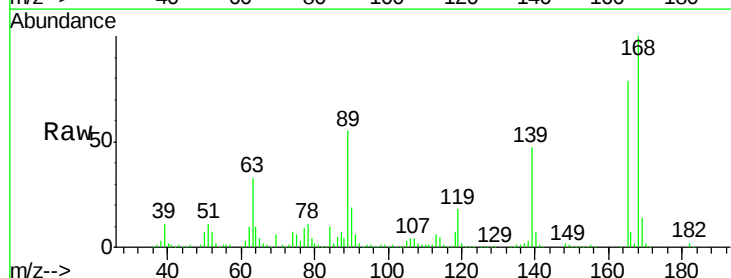
Ion Ratio Lower Upper

165 100

63 42.0 24.9 37.3#

89 69.9 41.0 61.6#

182 2.5 2.1 3.1

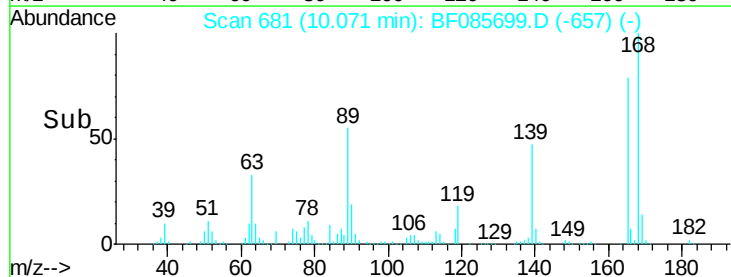
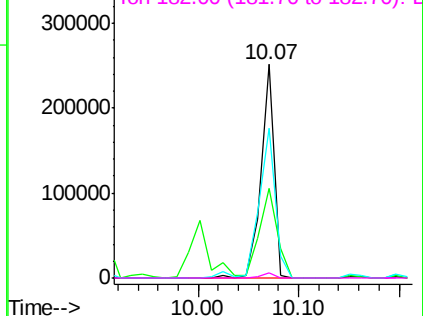


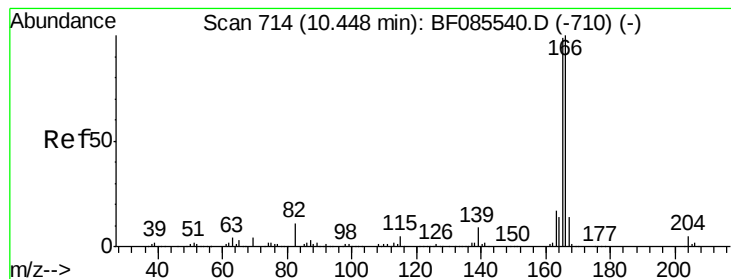
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.31 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

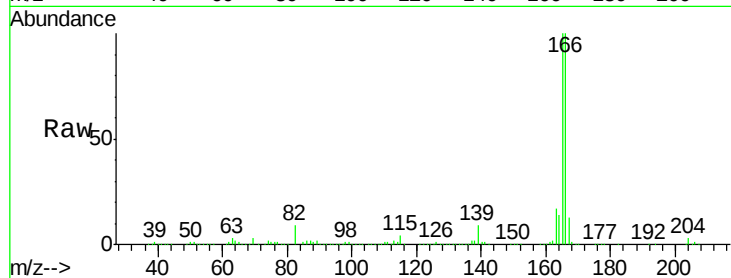
Tot Ion:166 Resp: 674969

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

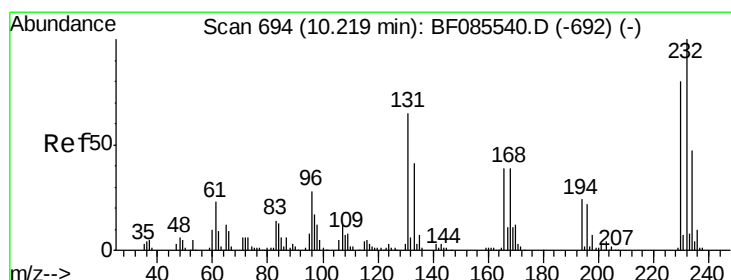
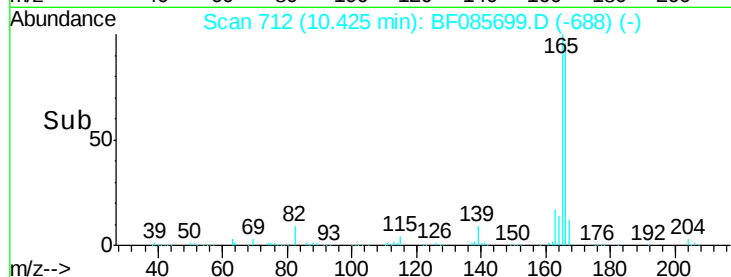
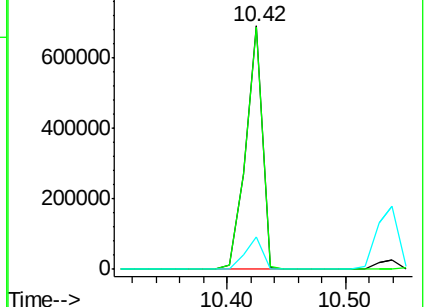
167 13.3 11.0 16.4



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: 40.94 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Tgt Ion:232 Resp: 149461

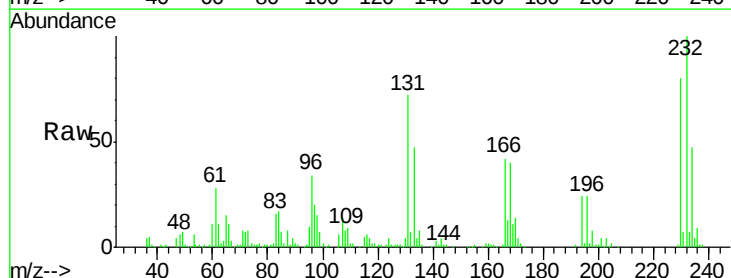
Ion Ratio Lower Upper

232 100

131 57.1 44.9 67.3

130 3.0 2.3 3.5

166 35.2 28.1 42.1

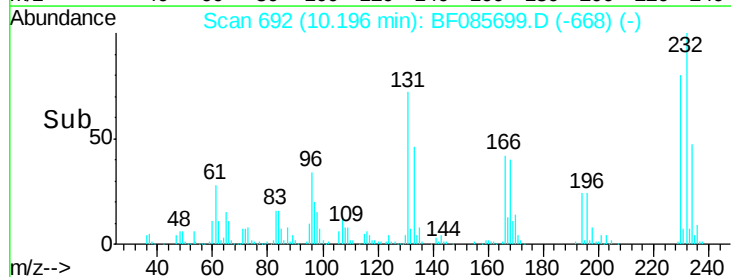
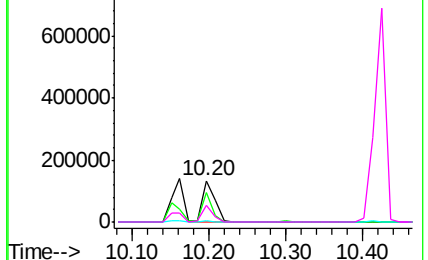


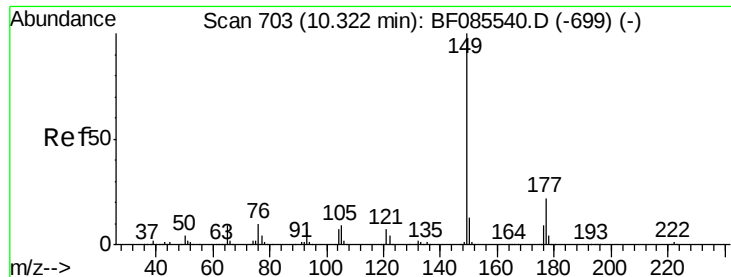
Abundance Ion 232.00 (231.70 to 232.70): E

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

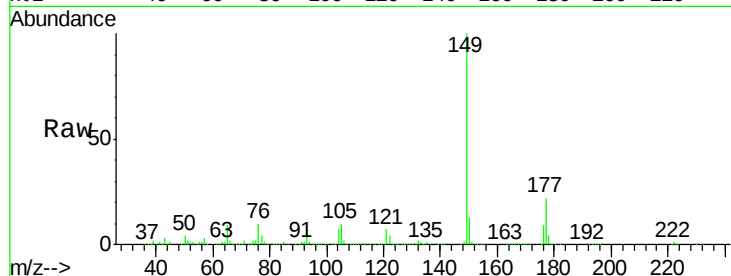




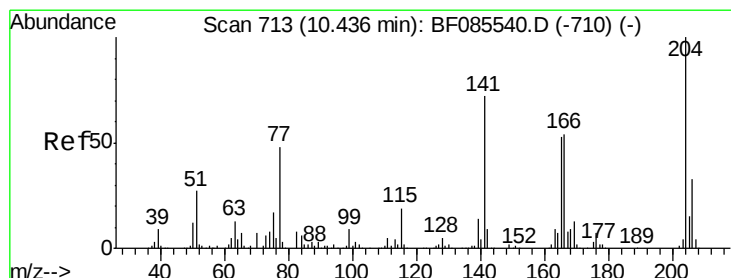
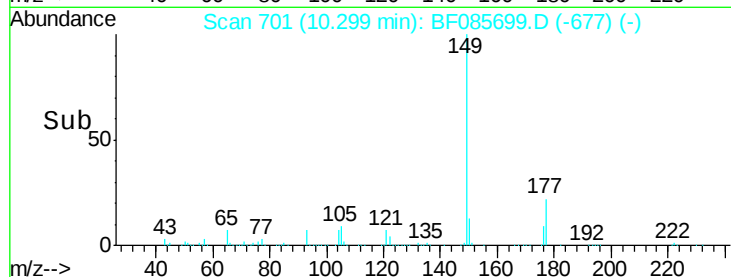
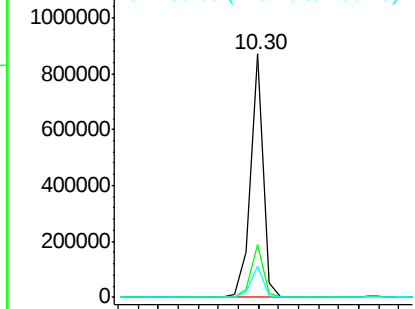
#59
Diethylphthalate
Concen: 41.91 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 754422
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 13.0 10.2 15.2

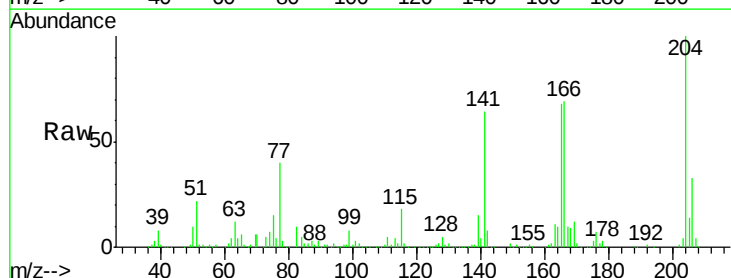


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

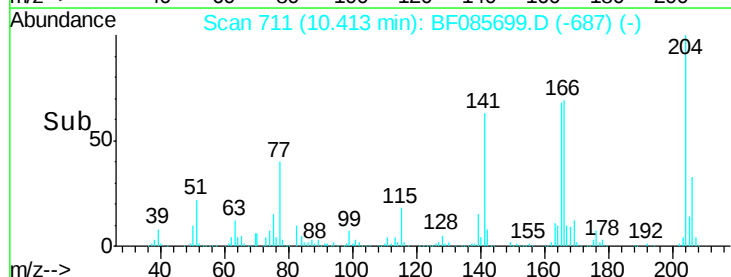
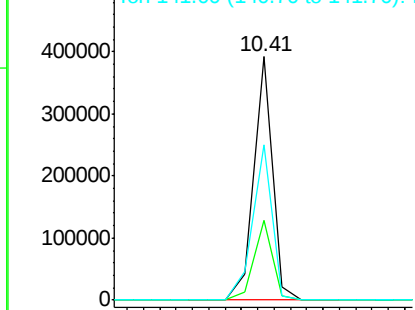


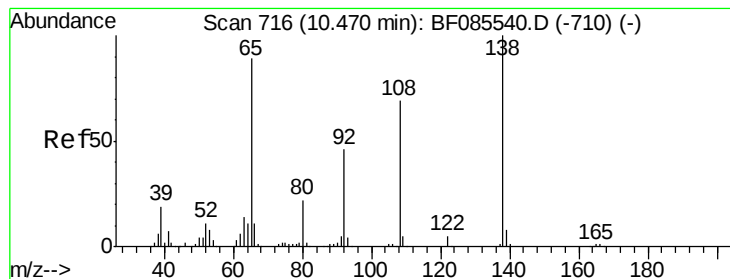
#60
4-Chlorophenyl-phenylether
Concen: 41.14 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:204 Resp: 313087
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 63.5 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

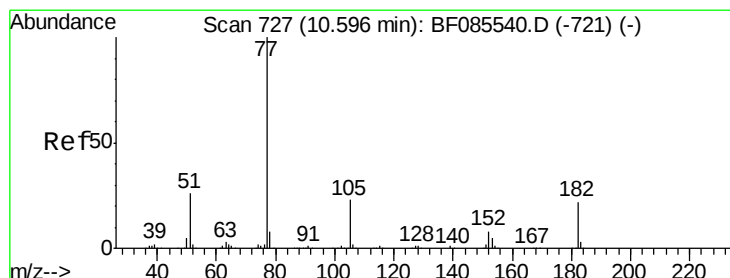
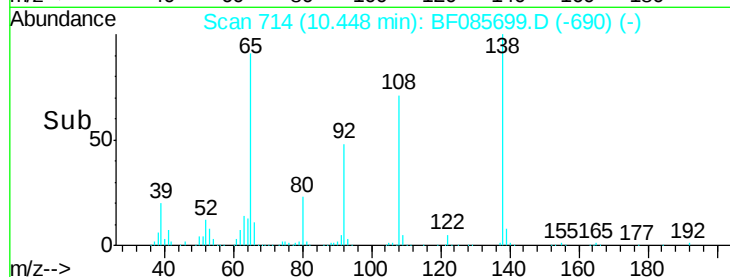
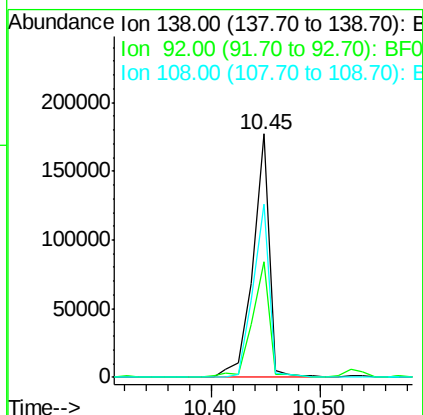
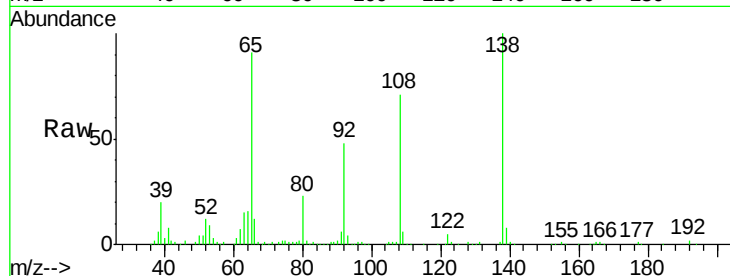




#61
4-Nitroaniline
Concen: 39.66 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

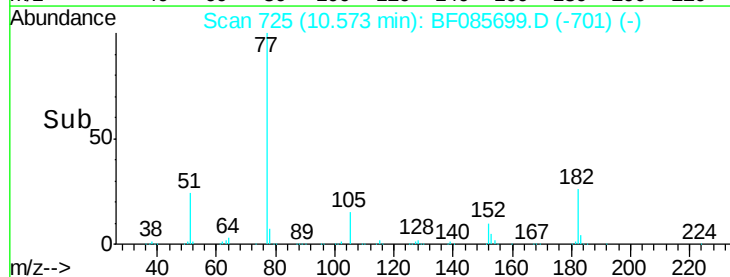
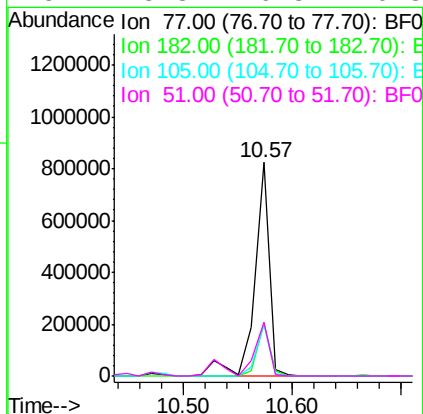
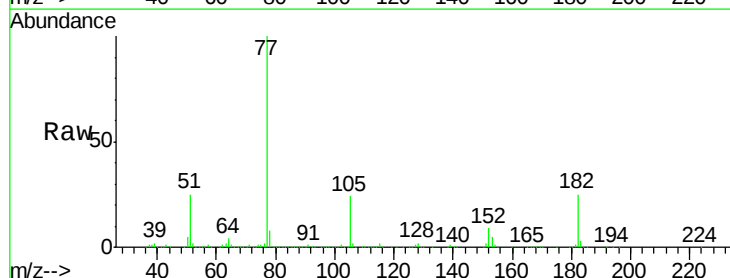
Instrument :
BNA_F
ClientSampleId :

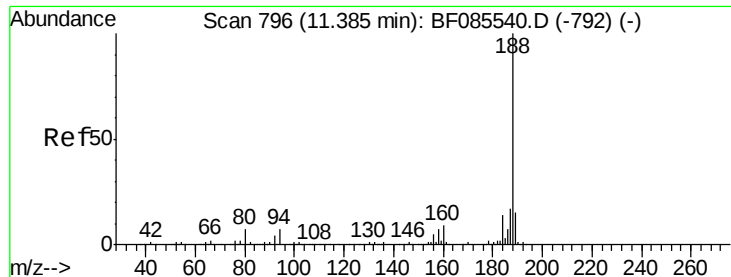
Tot Ion:138 Resp: 187152
Ion Ratio Lower Upper
138 100
92 47.7 26.4 66.4
108 71.2 49.0 89.0



#62
Azobenzene
Concen: 45.35 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion: 77 Resp: 783350
Ion Ratio Lower Upper
77 100
182 24.6 1.9 41.9
105 24.2 3.5 43.5
51 25.3 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: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

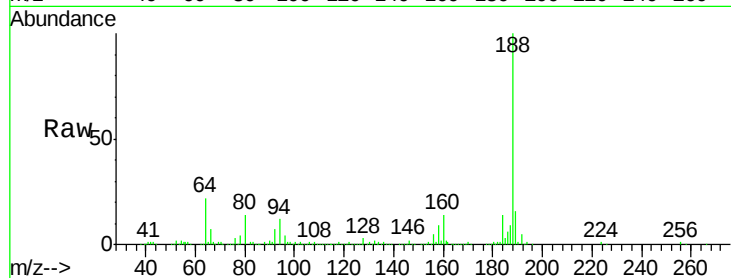
Tot Ion:188 Resp: 369692

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

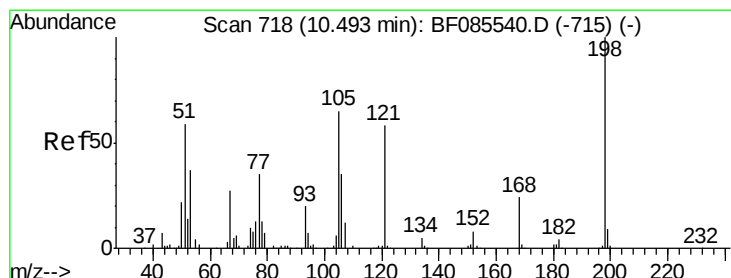
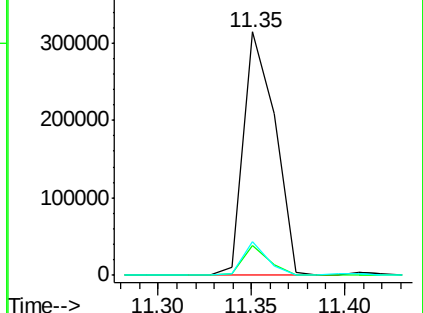
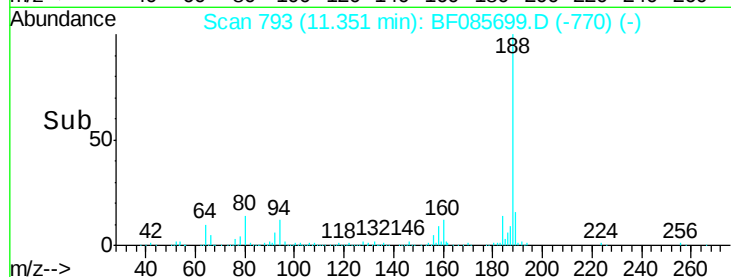
80 13.6 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 12.56 ng

RT: 10.48 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

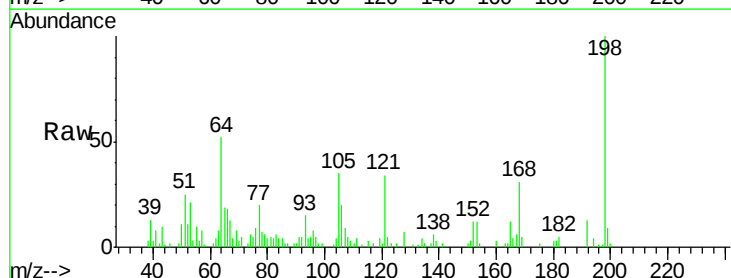
Tgt Ion:198 Resp: 29719

Ion Ratio Lower Upper

198 100

51 25.4 45.4 85.4#

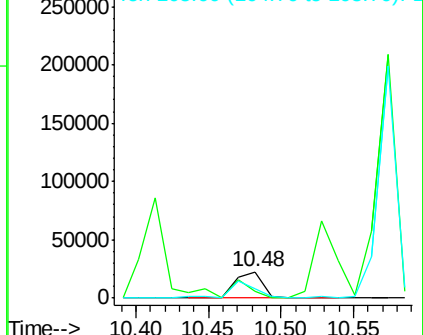
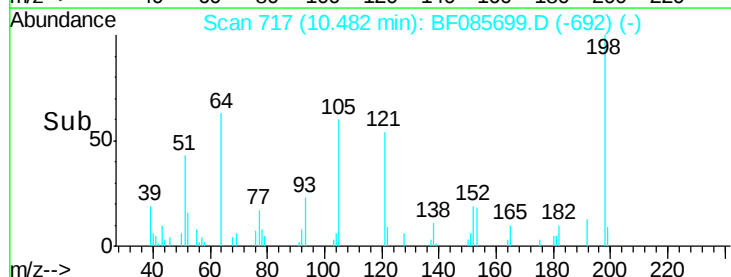
105 34.6 45.9 85.9#

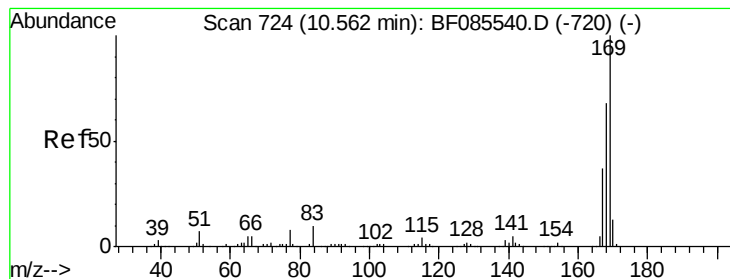


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.06 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

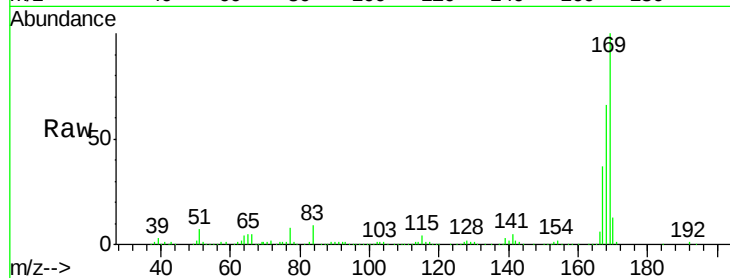
Tot Ion:169 Resp: 587993

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

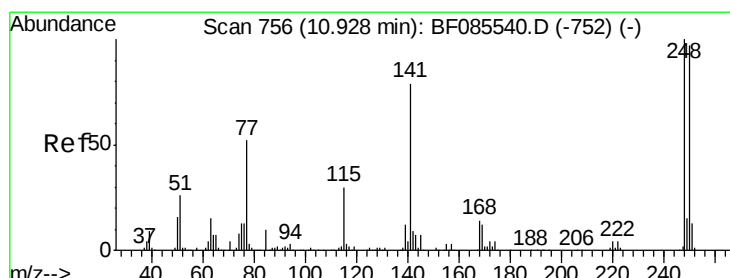
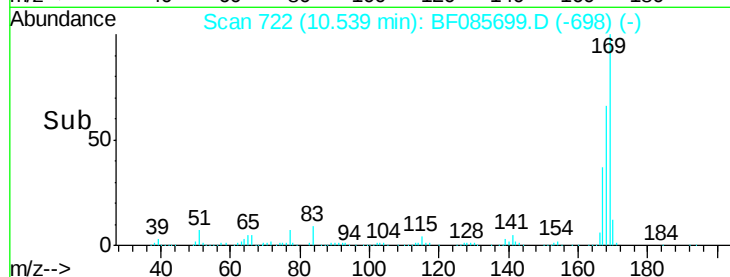
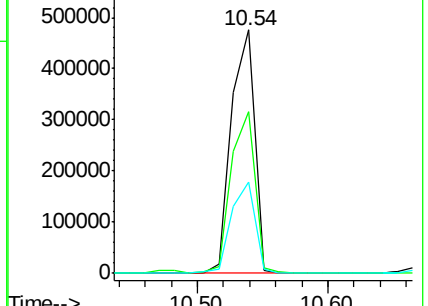
167 37.3 29.4 44.0



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: 51.15 ng

RT: 10.90 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

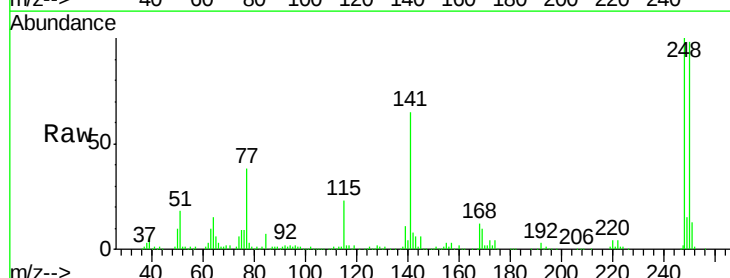
Tgt Ion:248 Resp: 188920

Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.0

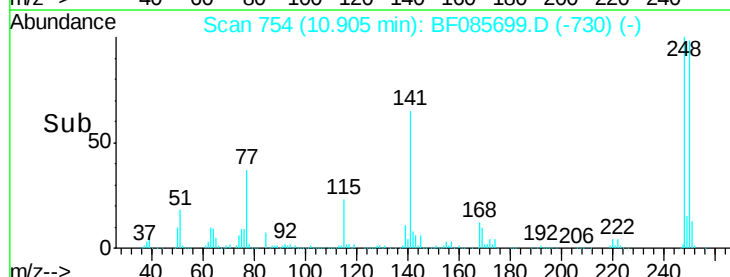
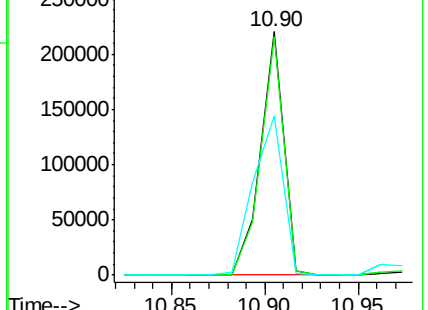
141 65.1 63.6 95.4

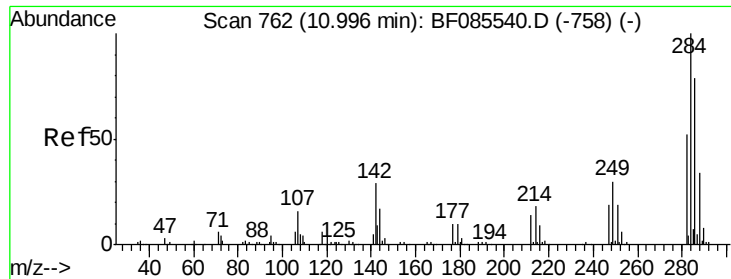


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

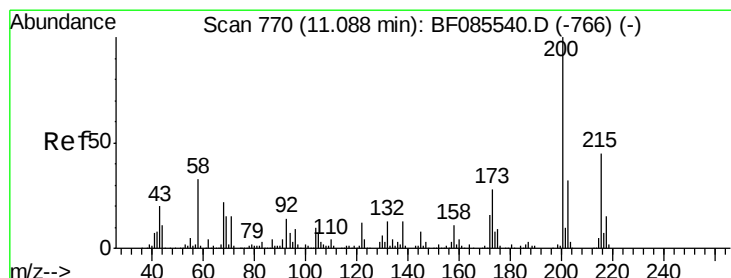
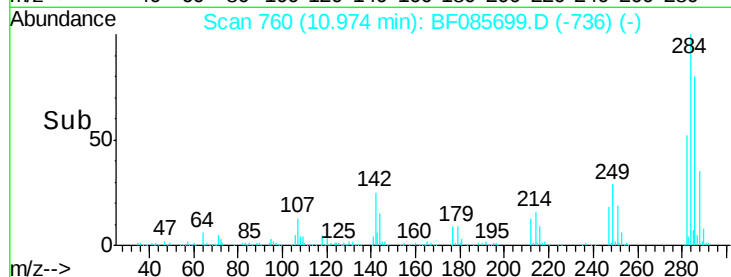
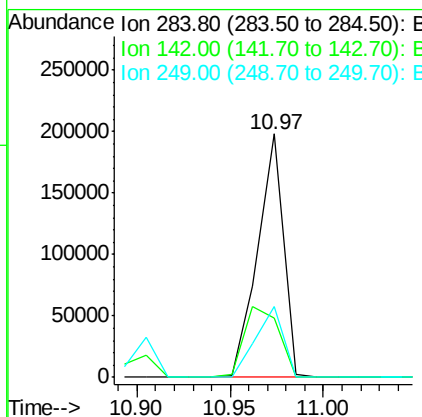
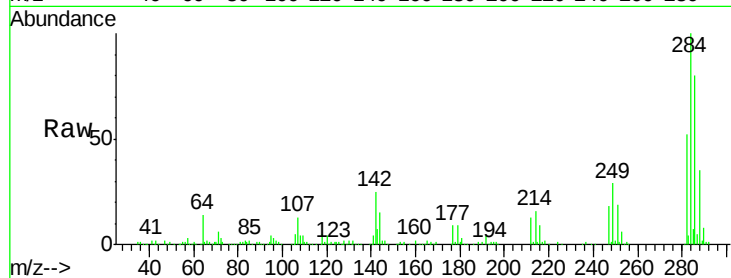




#67
Hexachlorobenzene
Concen: 48.25 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

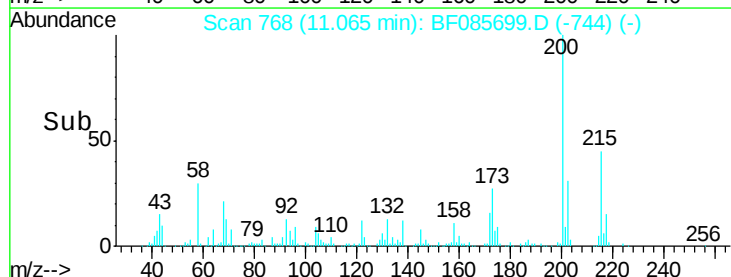
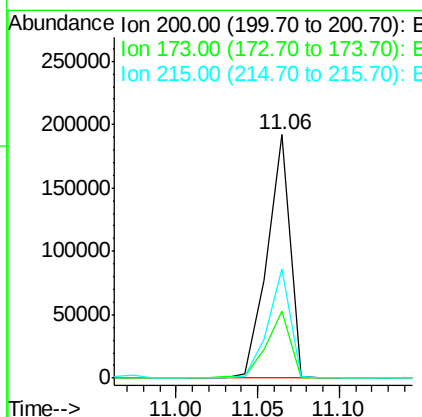
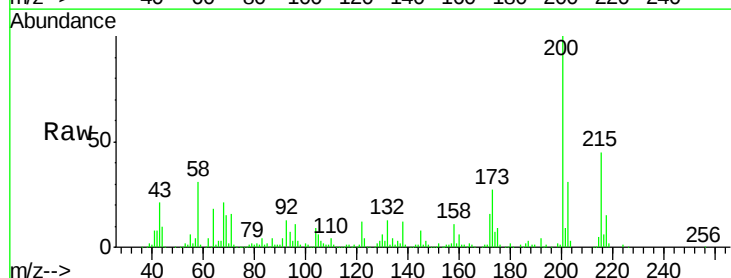
Instrument :
BNA_F
ClientSampleId :

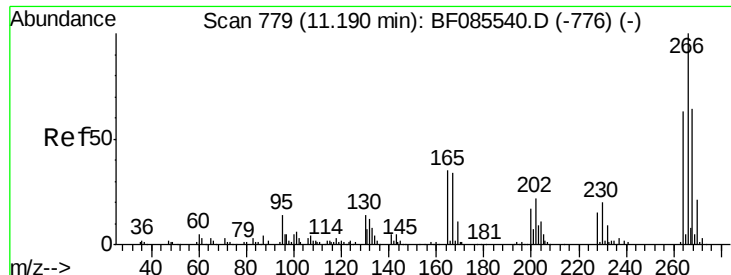
Tot Ion:284 Resp: 189317
Ion Ratio Lower Upper
284 100
142 24.5 23.1 34.7
249 28.9 24.2 36.2



#68
Atrazine
Concen: 53.64 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF085699.D
Acq: 23 Mar 2016 11:19

Tgt Ion:200 Resp: 188056
Ion Ratio Lower Upper
200 100
173 27.3 7.7 47.7
215 45.1 25.4 65.4

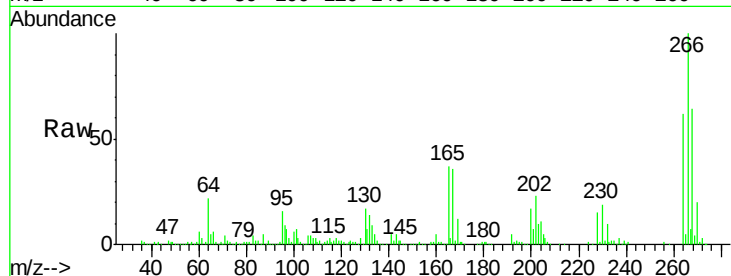




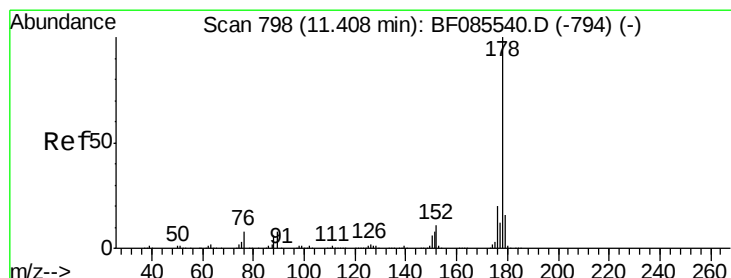
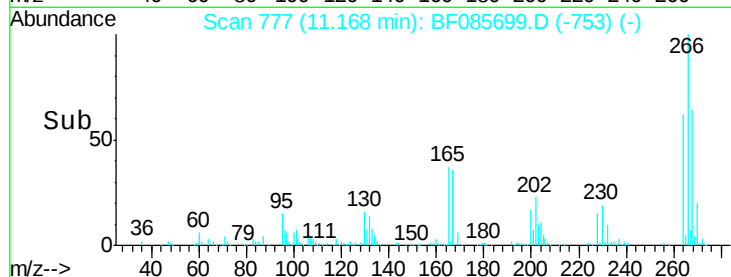
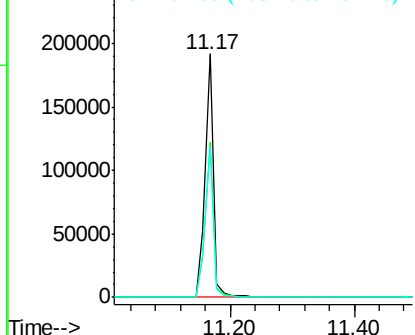
#69
 Pentachlorophenol
 Concen: 76.56 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 182379
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 62.0 50.6 76.0

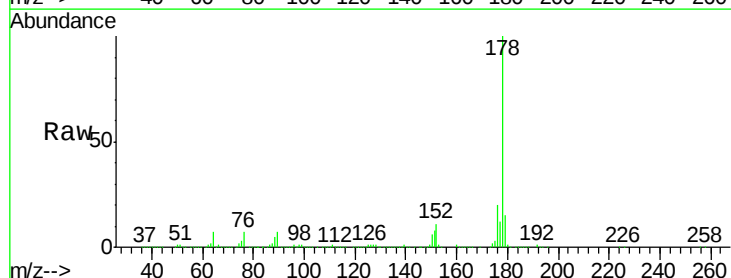


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

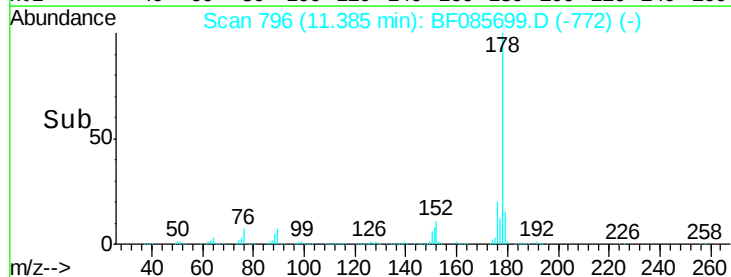
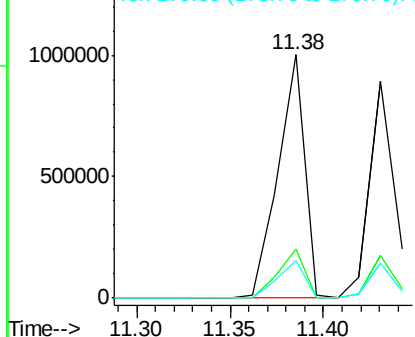


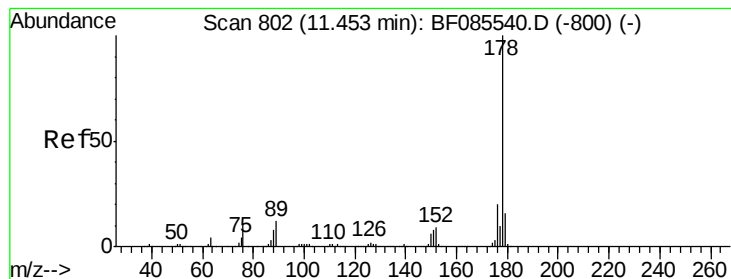
#70
 Phenanthrene
 Concen: 51.17 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion:178 Resp: 997443
 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: 40.05 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampled :

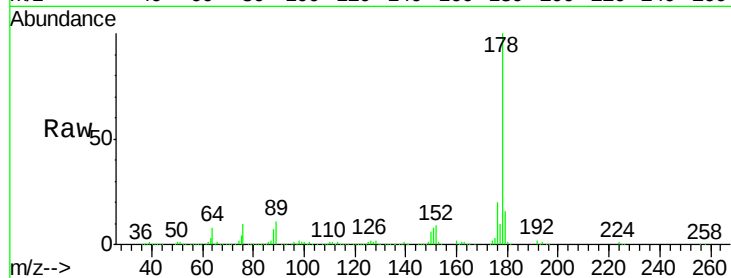
Tot Ion:178 Resp: 818668

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

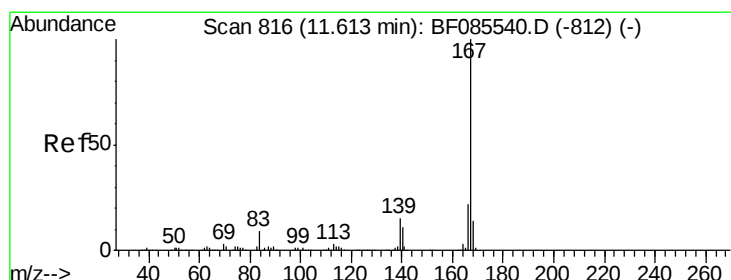
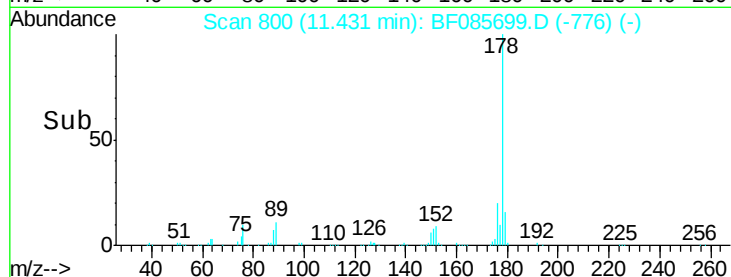
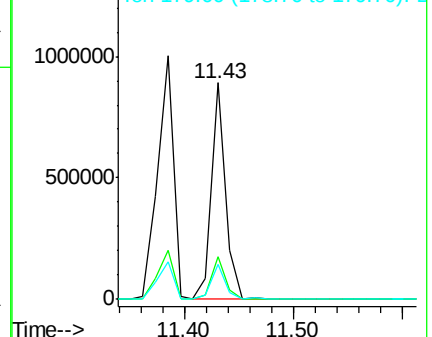
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.30 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

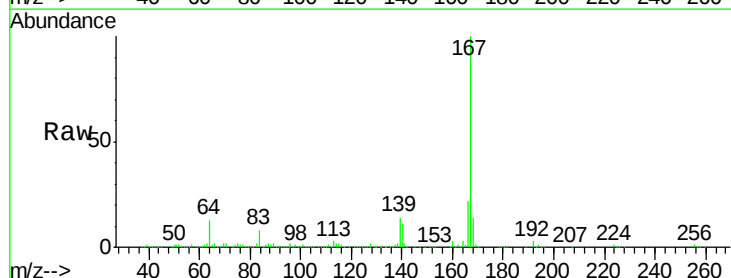
Tgt Ion:167 Resp: 816447

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

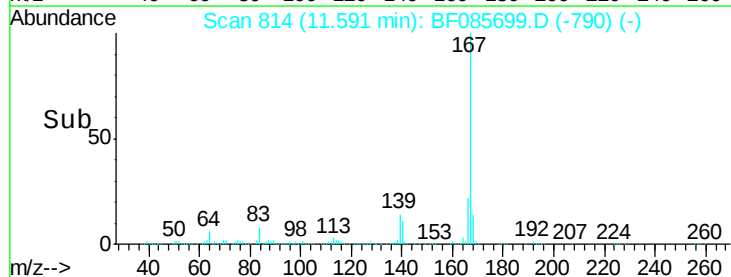
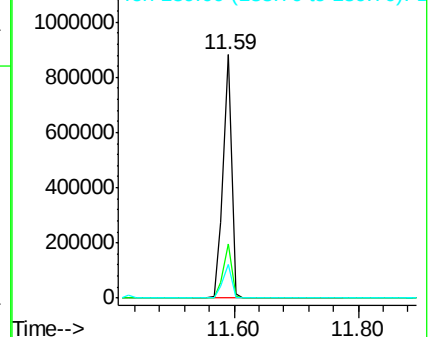
139 14.0 11.6 17.4

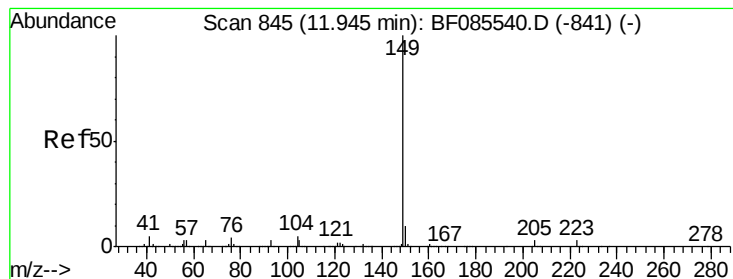


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.59 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

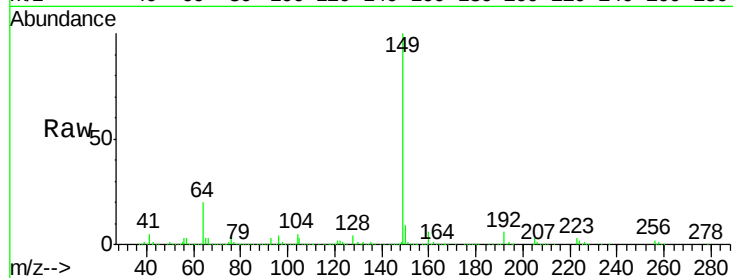
Tot Ion:149 Resp: 1028806

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

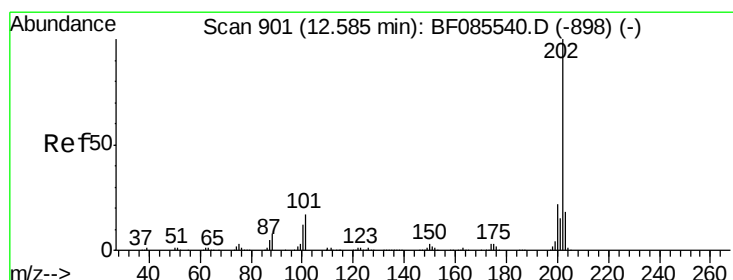
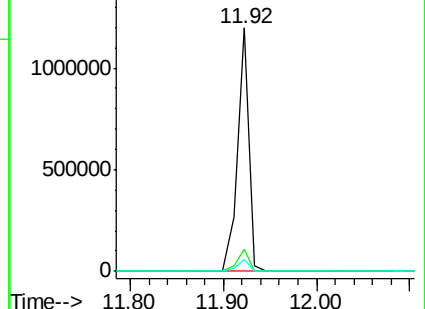
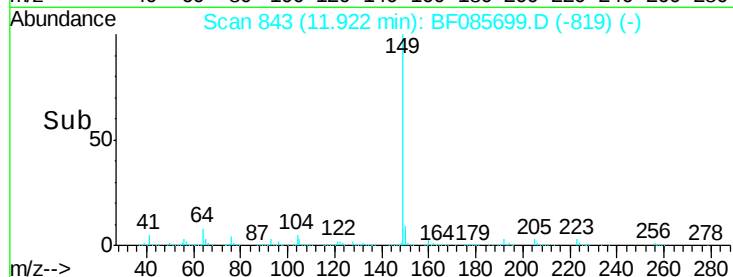
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.28 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

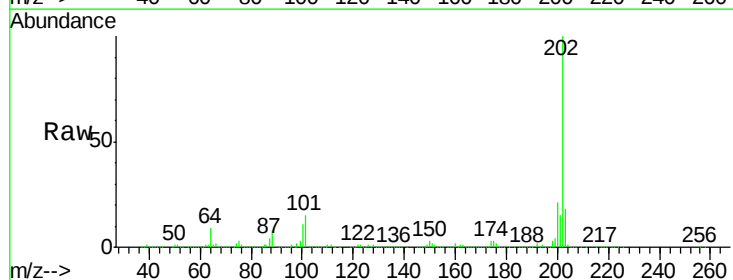
Tgt Ion:202 Resp: 760925

Ion Ratio Lower Upper

202 100

101 15.4 0.0 36.6

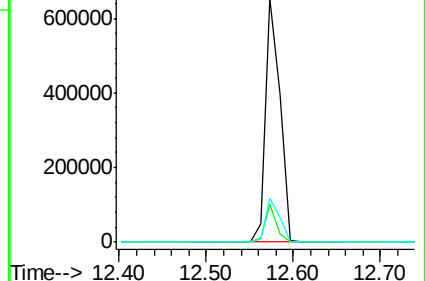
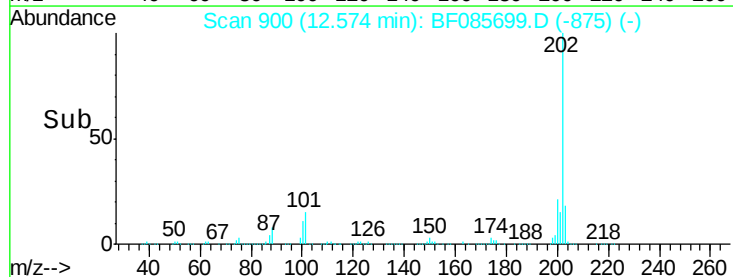
203 18.0 0.0 38.1

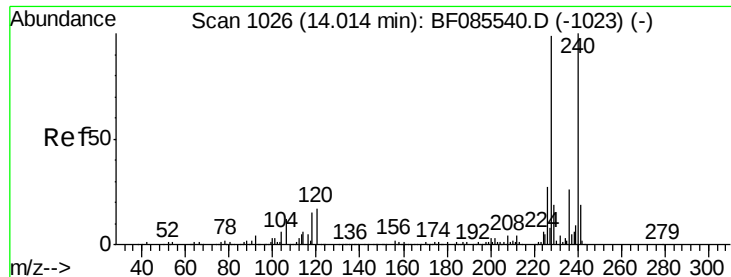


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampleId :

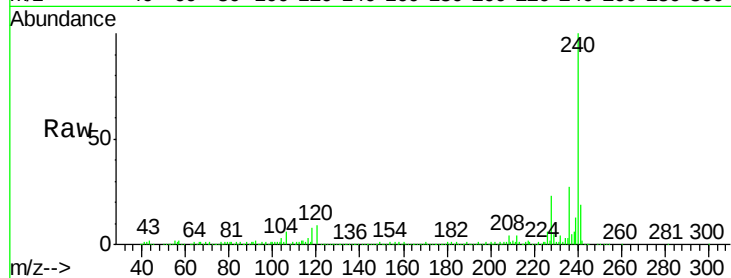
Tot Ion:240 Resp: 233068

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

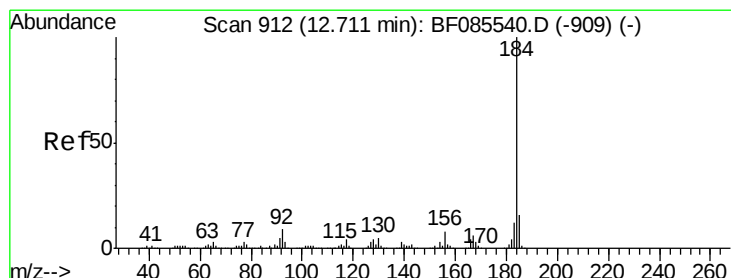
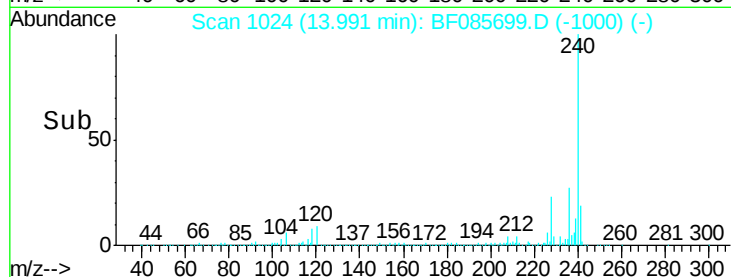
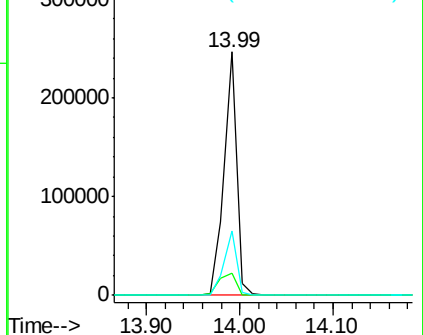
236 26.6 20.6 30.8



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: 34.25 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

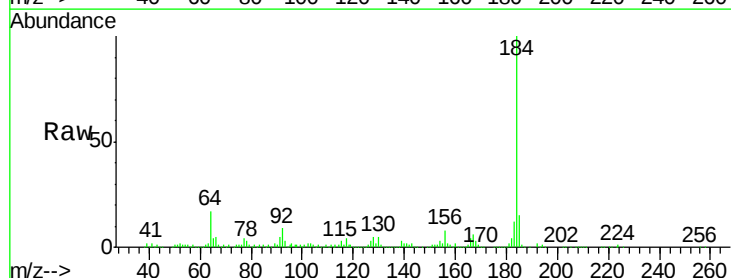
Tgt Ion:184 Resp: 268405

Ion Ratio Lower Upper

184 100

185 15.1 12.4 18.6

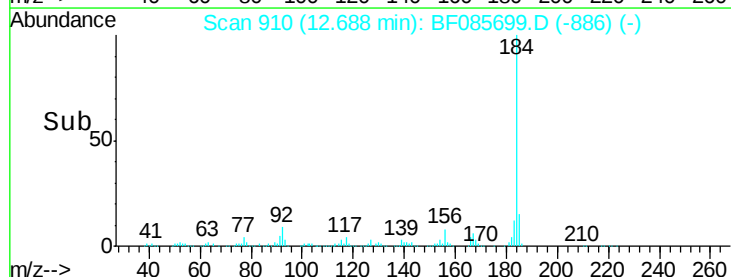
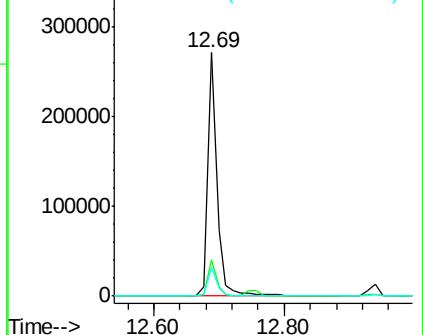
183 11.5 9.4 14.2

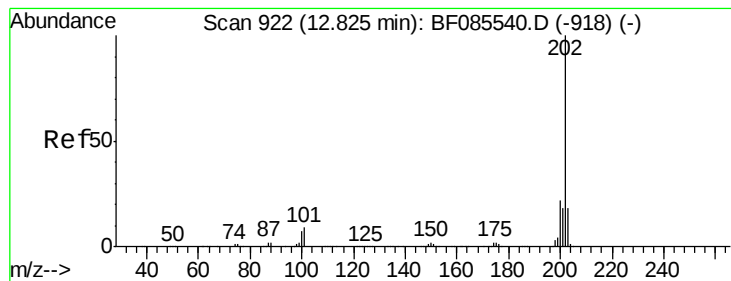


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.16 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampled :

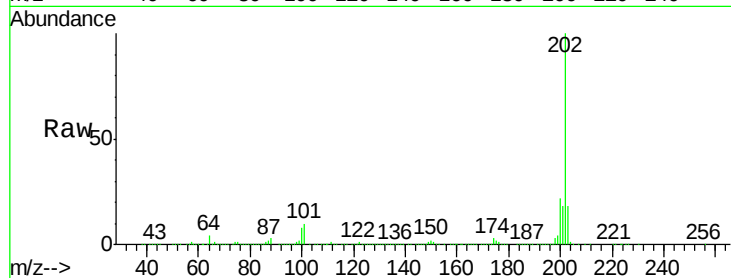
Tot Ion:202 Resp: 805982

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

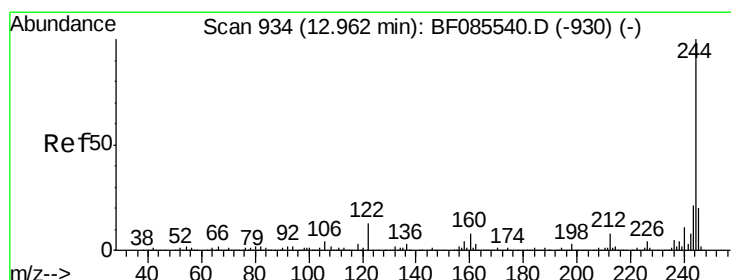
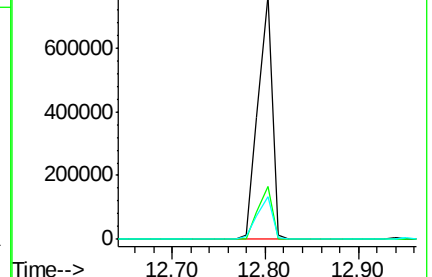
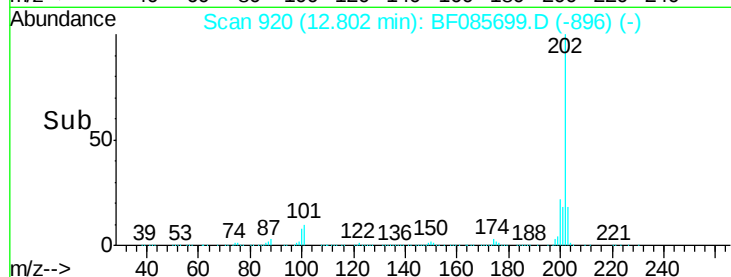
203 17.7 14.0 21.0



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: 89.11 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

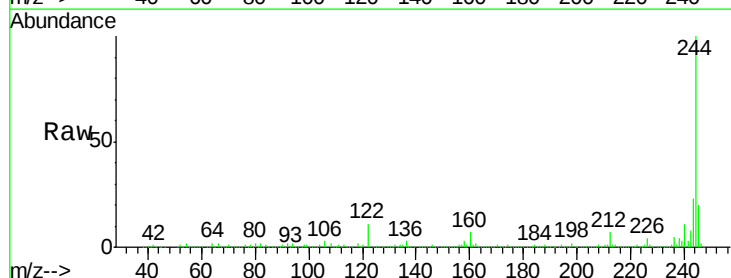
Tgt Ion:244 Resp: 863066

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

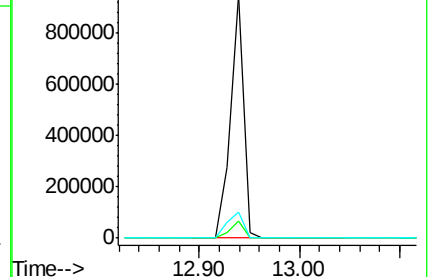
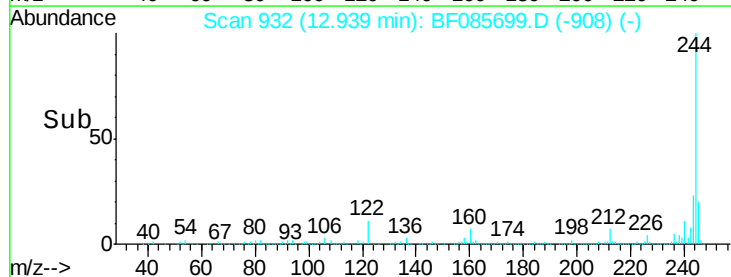
122 10.9 10.2 15.4

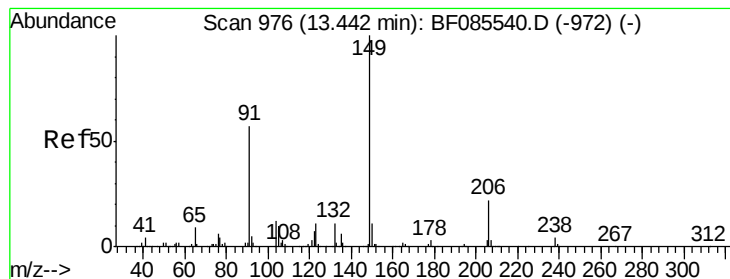


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.30 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampled :

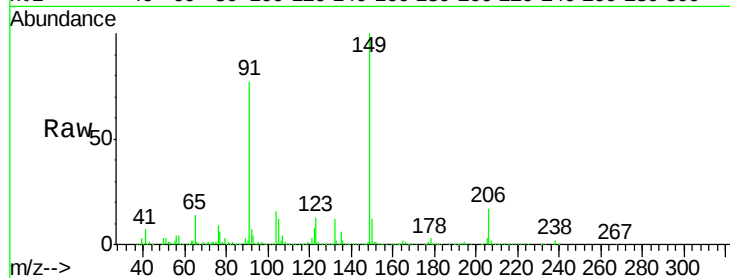
Tot Ion:149 Resp: 337412

Ion Ratio Lower Upper

149 100

91 77.1 45.8 68.8#

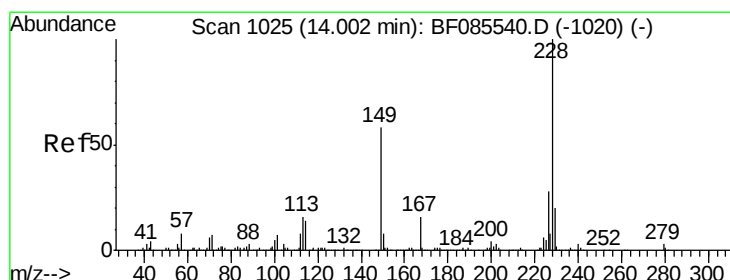
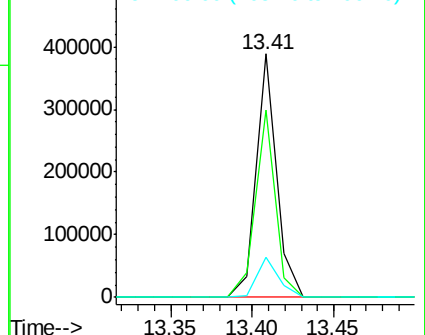
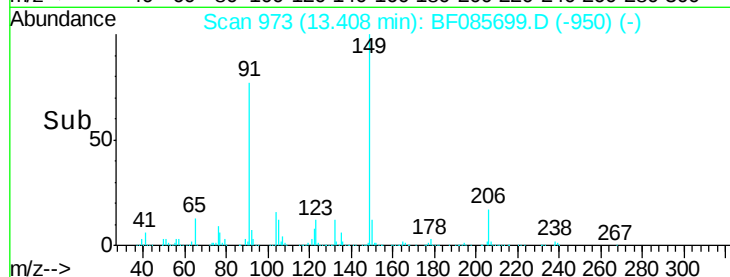
206 16.5 17.8 26.8#



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: 46.21 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

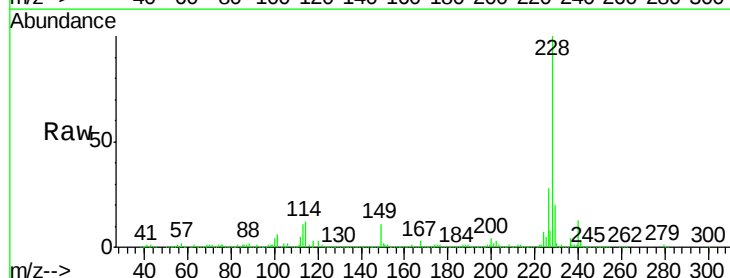
Tgt Ion:228 Resp: 625188

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

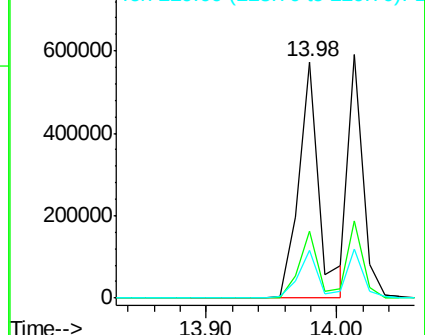
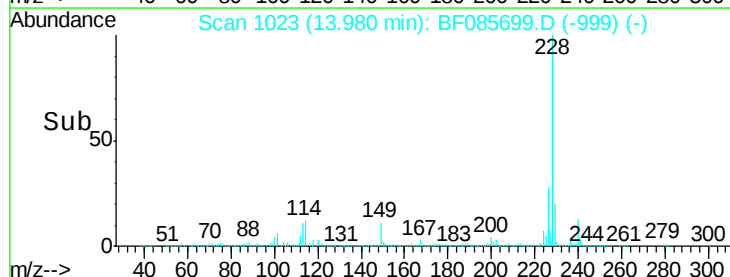
229 20.4 16.2 24.4

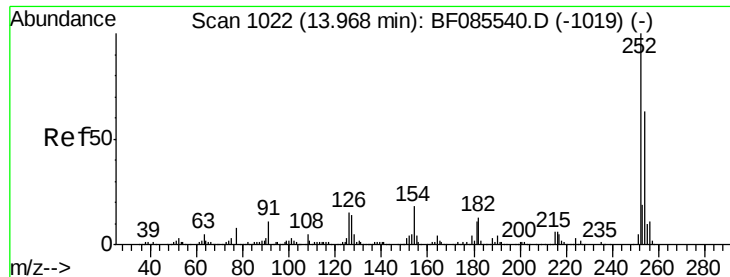


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

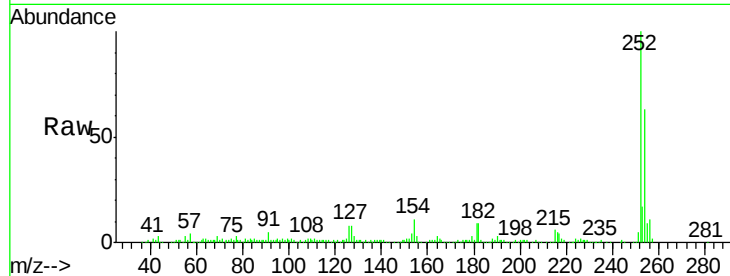




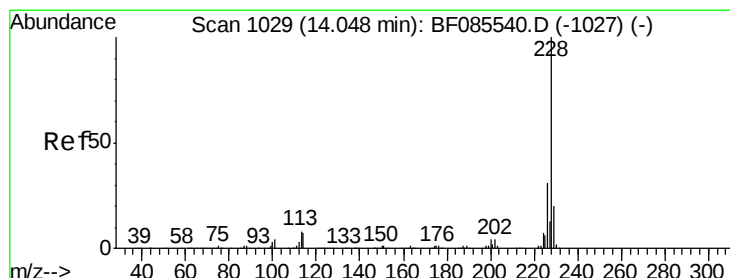
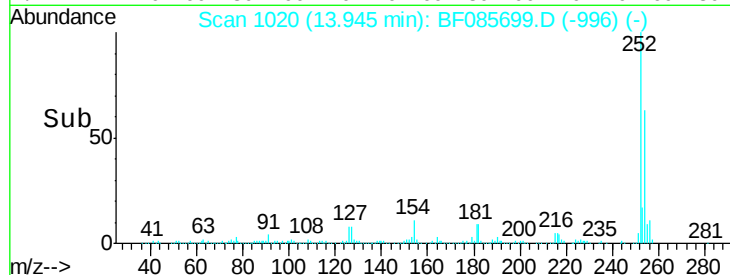
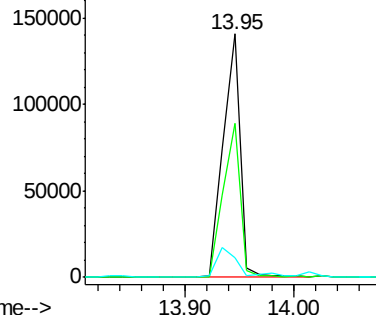
#81
 3,3'-Dichlorobenzidine
 Concen: 31.35 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 155442
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 8.0 11.8 17.6#

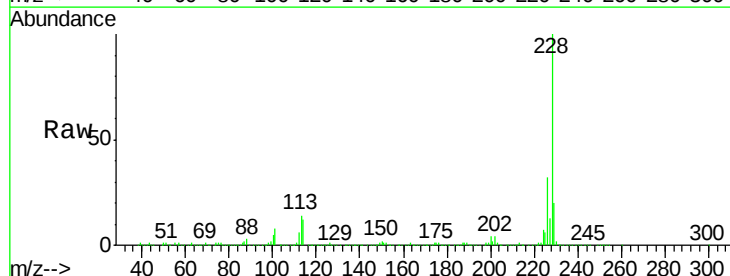


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

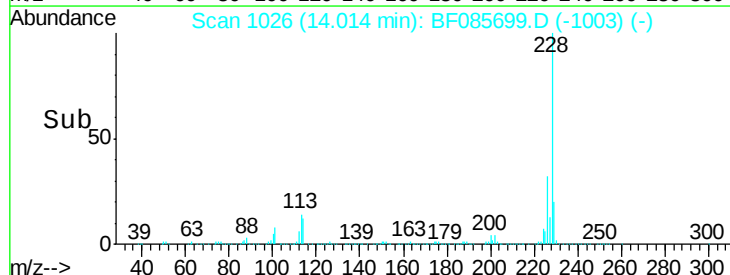
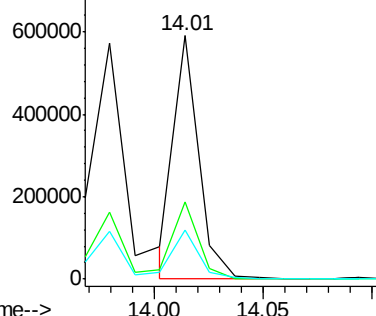


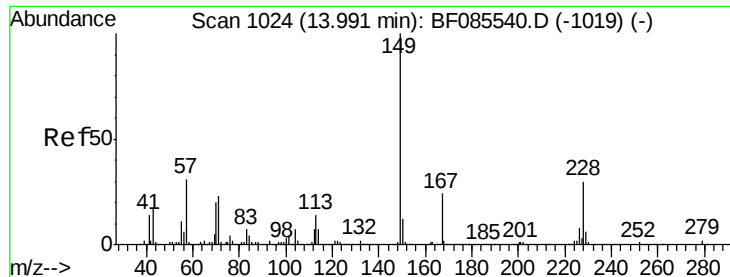
#82
 Chrysene
 Concen: 35.66 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion:228 Resp: 464174
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.2 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

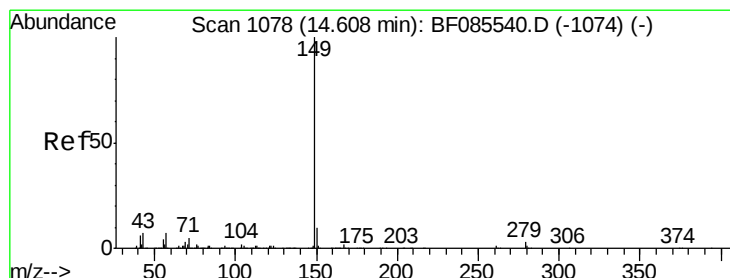
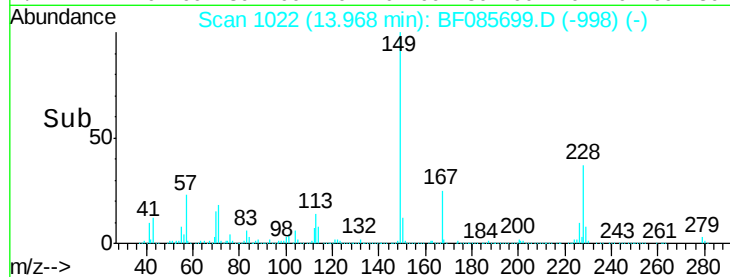
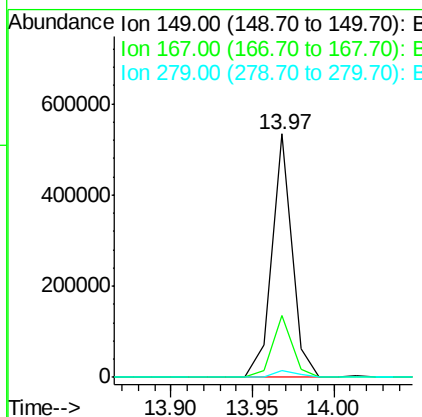
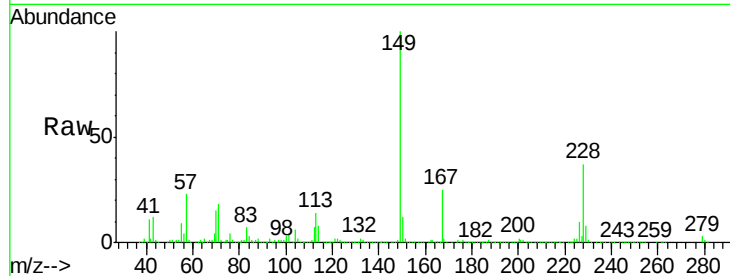




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.30 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

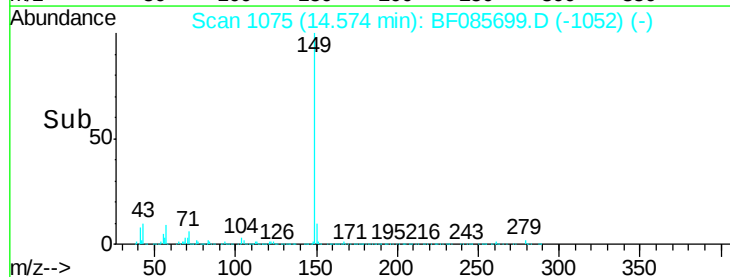
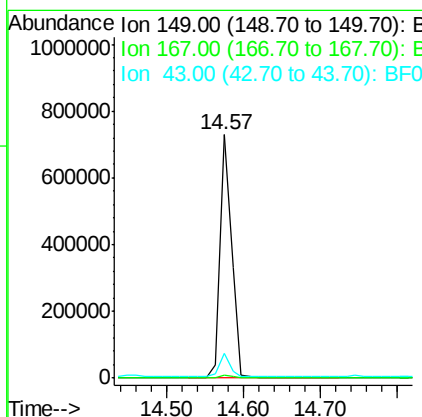
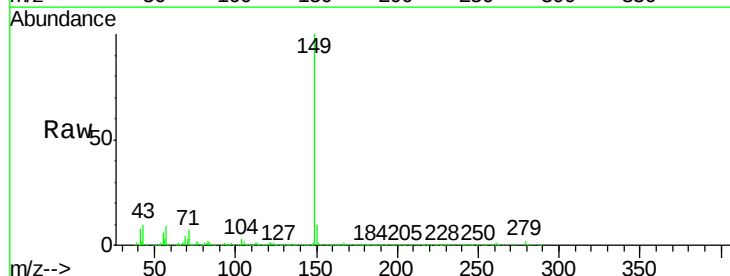
Instrument :
 BNA_F
 ClientSampleId :

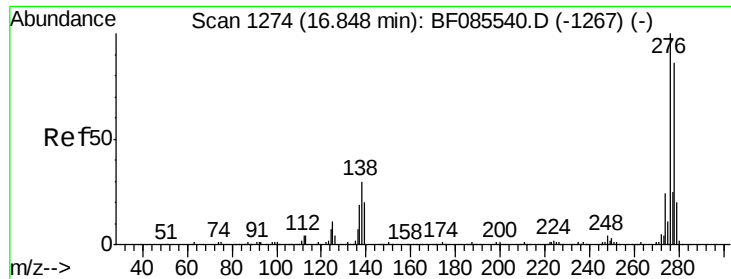
Tot Ion:149 Resp: 458861
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.4 29.2
 279 2.8 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 47.34 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion:149 Resp: 764457
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 7.1 10.7

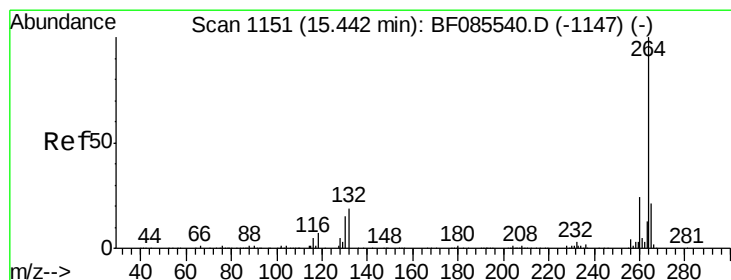
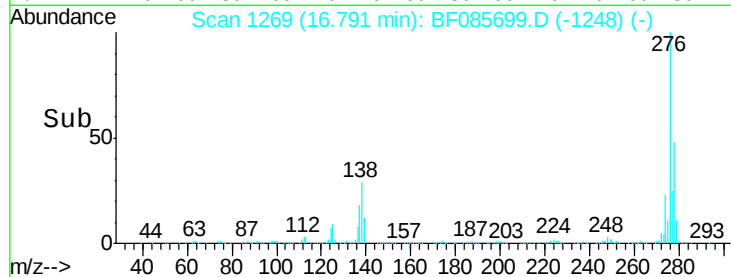
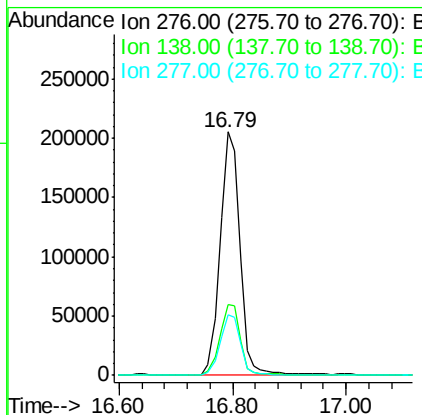
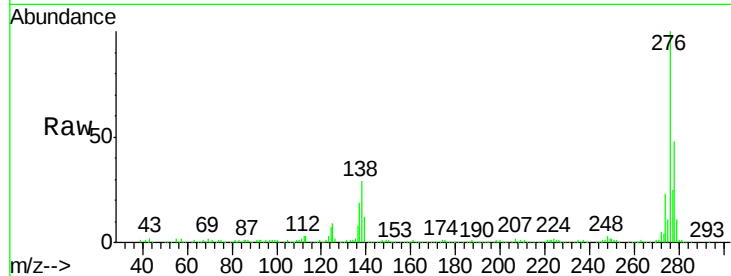




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.83 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.06 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

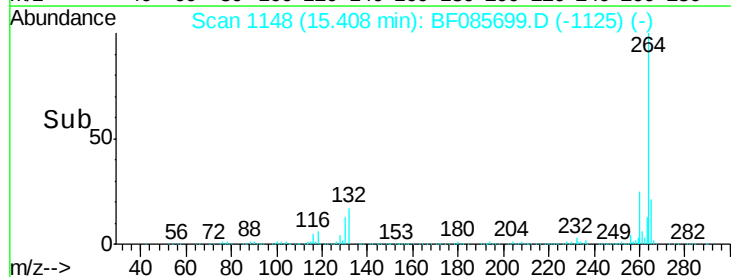
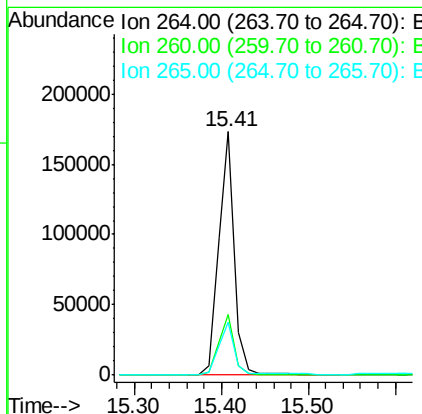
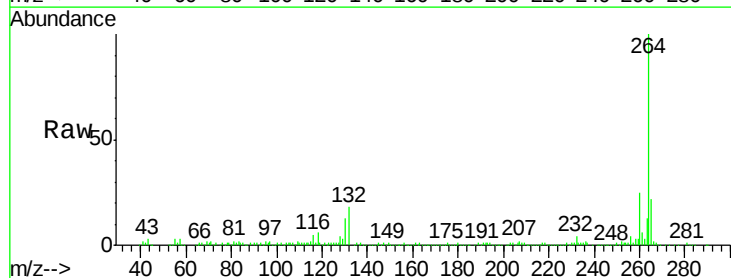
Instrument :
 BNA_F
 ClientSampleId :

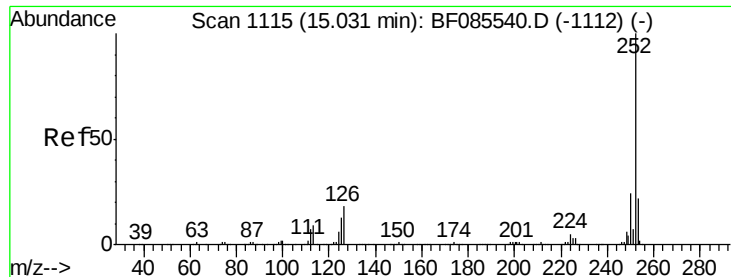
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.2	36.4
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 76.68 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

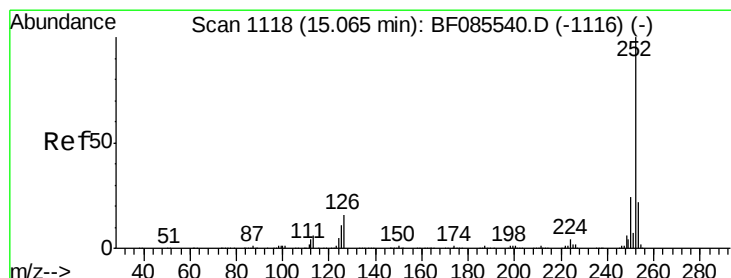
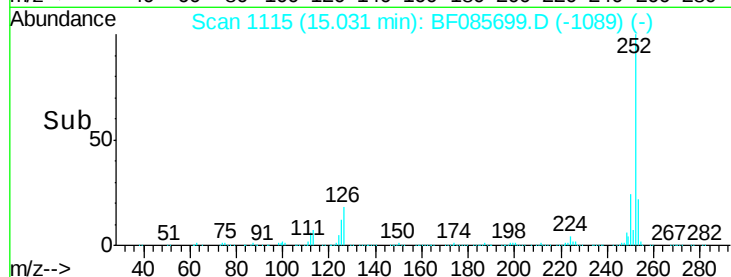
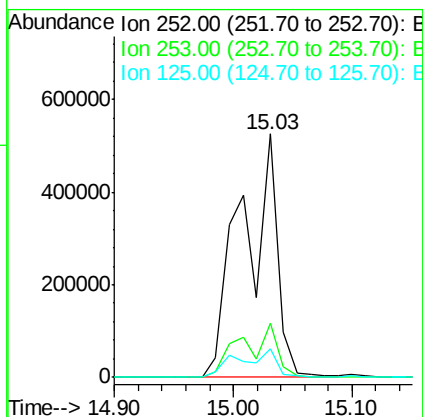
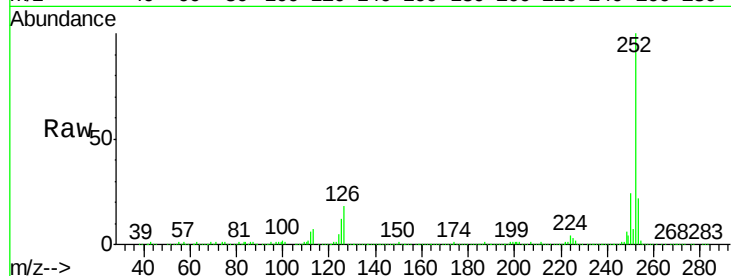
Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1088996

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.8	10.3	15.5



#88

Benzo(k)fluoranthene

Concen: 93.07 ng

RT: 15.03 min Scan# 1115

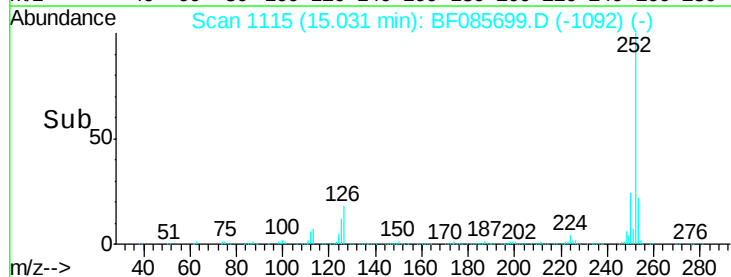
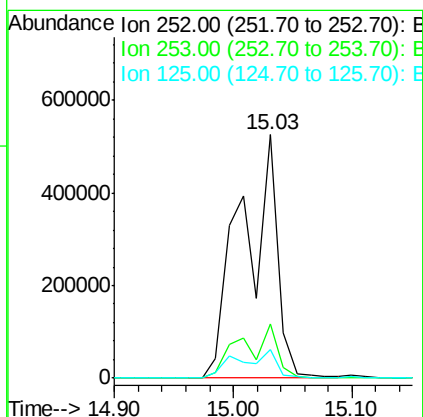
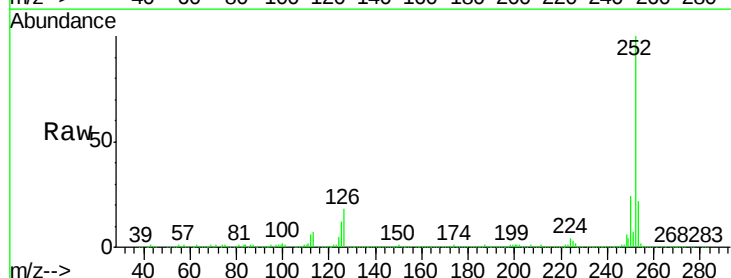
Delta R.T. -0.03 min

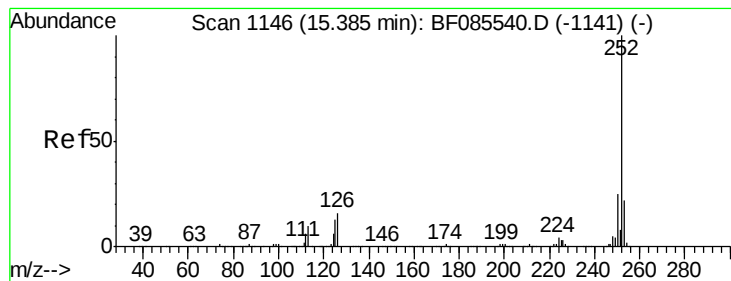
Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Tgt Ion:252 Resp: 1088996

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.8	7.7	11.5#





#89

Benzo(a)pyrene

Concen: 43.22 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

Instrument :

BNA_F

ClientSampled :

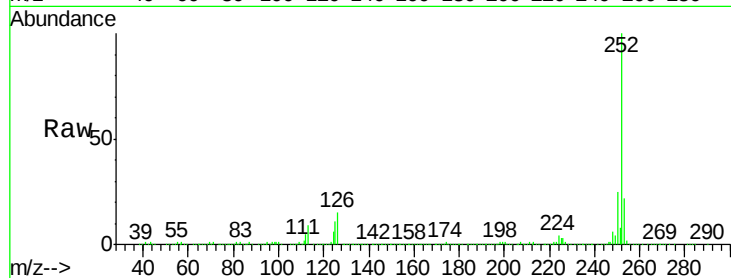
Tot Ion:252 Resp: 520438

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

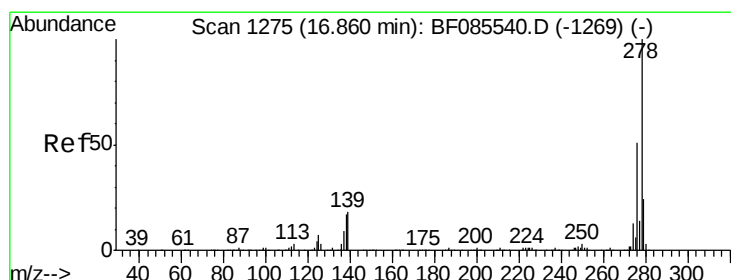
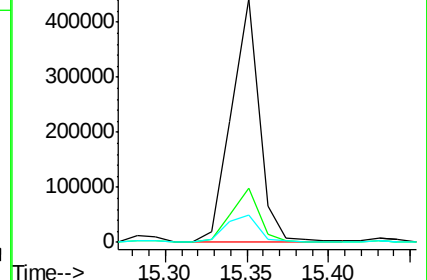
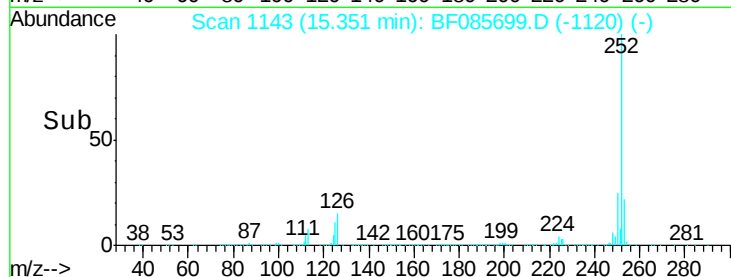
125 11.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.89 ng

RT: 16.80 min Scan# 1270

Delta R.T. -0.06 min

Lab File: BF085699.D

Acq: 23 Mar 2016 11:19

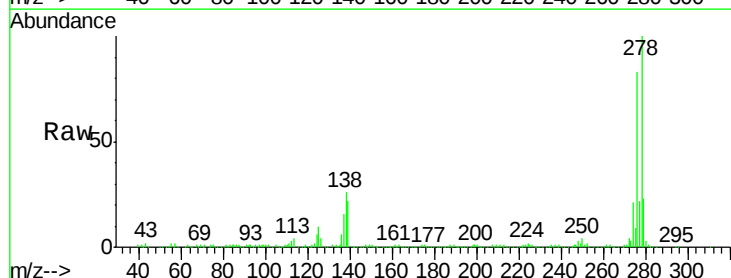
Tgt Ion:278 Resp: 430760

Ion Ratio Lower Upper

278 100

139 21.8 14.4 21.6#

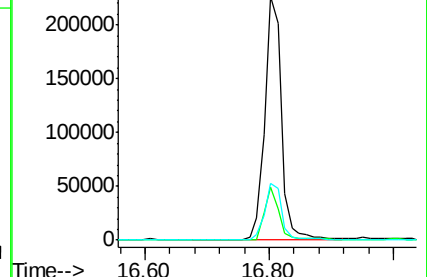
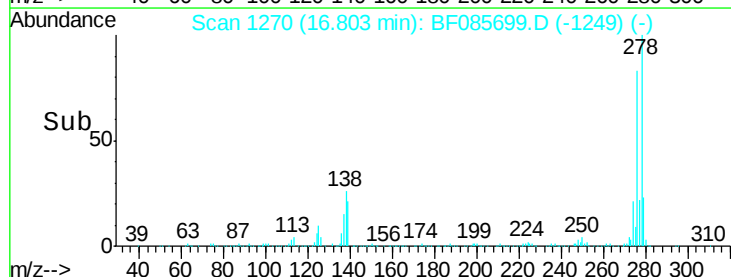
279 23.5 19.1 28.7

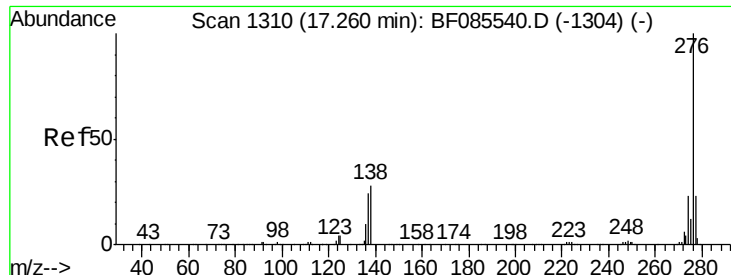


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

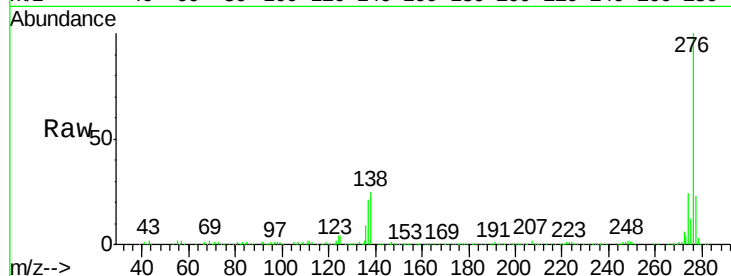




#91
 Benzo(a,h,i)perylene
 Concen: 39.69 ng
 RT: 17.21 min Scan# 1306
 Delta R.T. -0.05 min
 Lab File: BF085699.D
 Acq: 23 Mar 2016 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	24.5	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

