

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085130.D
 Acq On : 2 Mar 2016 20:19
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:46:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	170390	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	663402	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	332754	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	588859	20.00	ng	0.00
75) Chrysene-d12	14.16	240	356052	20.00	ng	0.00
86) Perylene-d12	15.64	264	383603	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	790247	75.29	ng	0.00
7) Phenol-d6	6.62	99	1090059	79.22	ng	0.00
23) Nitrobenzene-d5	7.56	82	965829	77.46	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	312022	93.31	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1622260	71.80	ng	0.00
78) Terphenyl-d14	13.10	244	1309882	86.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	201126	38.67	ng	99
3) Pyridine	3.48	79	477596	35.78	ng	99
4) n-Nitrosodimethylamine	3.41	42	219738	36.18	ng	94
6) Aniline	6.65	93	720689	36.91	ng	97
8) 2-Chlorophenol	6.78	128	496208	41.02	ng	93
9) Benzaldehyde	6.54	77	273576	41.10	ng	98
10) Phenol	6.63	94	700583	45.51	ng	95
11) bis(2-Chloroethyl)ether	6.72	93	431531	35.36	ng	92
12) 1,3-Dichlorobenzene	6.94	146	531489	40.90	ng	97
13) 1,4-Dichlorobenzene	7.01	146	501051	37.83	ng	99
14) 1,2-Dichlorobenzene	7.17	146	504025	43.23	ng	96
15) Benzyl Alcohol	7.13	79	438714	43.74	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	688443	38.28	ng	100
17) 2-Methylphenol	7.24	107	393106	38.78	ng	99
18) Hexachloroethane	7.51	117	199315	40.71	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	351260	38.74	ng	97
20) 3+4-Methylphenols	7.40	107	504931	41.68	ng	92
22) Acetophenone	7.41	105	714057	42.79	ng	# 91
24) Nitrobenzene	7.58	77	578289	44.71	ng	# 89
25) Isophorone	7.82	82	982796	41.20	ng	97
26) 2-Nitrophenol	7.89	139	235243	40.67	ng	# 69
27) 2,4-Dimethylphenol	7.92	122	428481	38.22	ng	92
28) bis(2-Chloroethoxy)methane	8.02	93	577928	43.94	ng	99
29) 2,4-Dichlorophenol	8.13	162	366888	39.78	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	424703	42.24	ng	99
31) Naphthalene	8.30	128	1291488	38.49	ng	99
32) Benzoic acid	8.04	122	300371	46.68	ng	98
33) 4-Chloroaniline	8.34	127	545045	41.10	ng	97
34) Hexachlorobutadiene	8.42	225	245256	42.05	ng	98
35) Caprolactam	8.72	113	123340	42.61	ng	94
36) 4-Chloro-3-methylphenol	8.82	107	452127	44.33	ng	92
37) 2-Methylnaphthalene	9.00	142	870380	42.44	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	384675	37.54	ng	99
40) Hexachlorocyclopentadiene	9.14	237	186042	31.89	ng	98

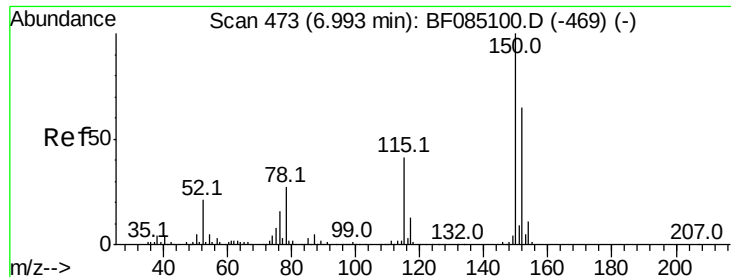
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085130.D
 Acq On : 2 Mar 2016 20:19
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Mar 03 01:46:16 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	285829	41.43	nq	100
43) 2,4,5-Trichlorophenol	9.30	196	279815	42.32	nq	97
45) 1,1'-Biphenyl	9.45	154	1038911	35.17	nq	96
46) 2-Chloronaphthalene	9.49	162	825062	38.30	nq	93
47) 2-Nitroaniline	9.57	65	238344	35.24	nq	# 70
48) Acenaphthylene	9.90	152	1331384	41.58	nq	99
49) Dimethylphthalate	9.75	163	930134	37.70	nq	100
50) 2,6-Dinitrotoluene	9.82	165	229363	44.83	nq	# 74
51) Acenaphthene	10.07	154	831910	41.39	nq	99
52) 3-Nitroaniline	9.98	138	221583	36.46	nq	86
53) 2,4-Dinitrophenol	10.08	184	59161	38.07	nq	# 19
54) Dibenzofuran	10.24	168	1110855	42.57	nq	95
55) 4-Nitrophenol	10.13	139	159522	34.21	nq	# 52
56) 2,4-Dinitrotoluene	10.22	165	306141	44.41	nq	# 74
57) Fluorene	10.58	166	909767	44.33	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	227442	45.41	nq	94
59) Diethylphthalate	10.45	149	942765	39.87	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	443193	41.90	nq	94
61) 4-Nitroaniline	10.60	138	233386	40.97	nq	89
62) Azobenzene	10.73	77	932827	39.05	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	106105	32.69	nq	# 46
65) n-Nitrosodiphenylamine	10.69	169	701127	37.78	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	280654	45.39	nq	93
67) Hexachlorobenzene	11.13	284	303704	43.51	nq	93
68) Atrazine	11.21	200	221553	39.13	nq	99
69) Pentachlorophenol	11.32	266	156914	38.31	nq	100
70) Phenanthrene	11.54	178	1221048	41.69	nq	99
71) Anthracene	11.60	178	1288105	39.16	nq	96
72) Carbazole	11.75	167	1150824	40.20	nq	97
73) Di-n-butylphthalate	12.08	149	1437231	42.18	nq	98
74) Fluoranthene	12.73	202	1210112	37.64	nq	96
76) Benzidine	12.85	184	520447	48.35	nq	99
77) Pyrene	12.96	202	1194474	49.14	nq	97
79) Butylbenzylphthalate	13.57	149	487428	47.36	nq	# 61
80) Benzo(a)anthracene	14.15	228	901769	43.62	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	330760	51.19	nq	# 98
82) Chrysene	14.19	228	899270	47.64	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	612898	51.57	nq	100
84) Di-n-octyl phthalate	14.75	149	976429	55.35	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	991556	62.12	nq	99
87) Benzo(b)fluoranthene	15.20	252	860894	36.86	nq	100
88) Benzo(k)fluoranthene	15.20	252	860894	42.55	nq	# 94
89) Benzo(a)pyrene	15.57	252	815213	41.50	nq	99
90) Dibenzo(a,h)anthracene	17.15	278	842273	47.60	nq	97
91) Benzo(g,h,i)perylene	17.58	276	796523	44.27	nq	97

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

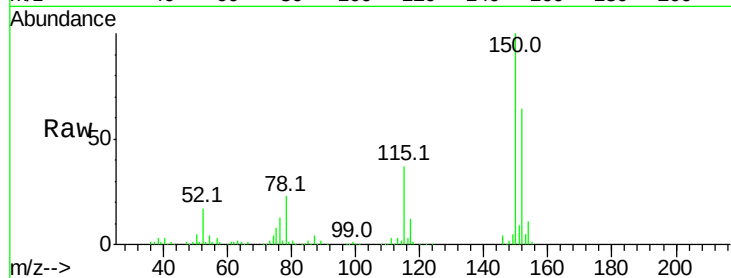


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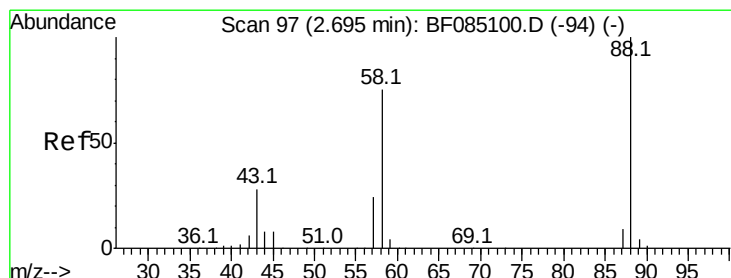
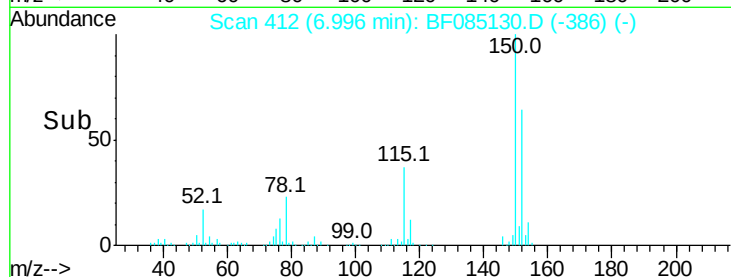
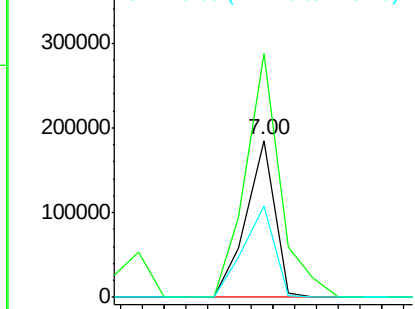
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170390
Ion Ratio Lower Upper
152 100
150 155.1 123.4 185.0
115 58.1 50.0 75.0



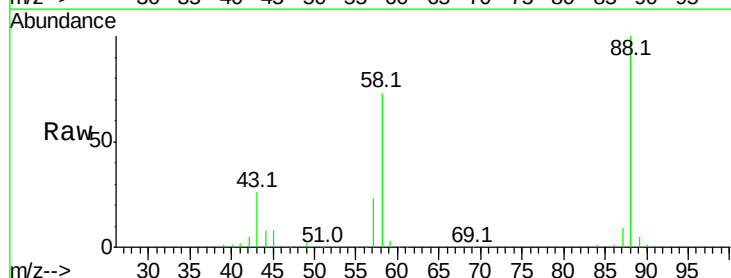
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



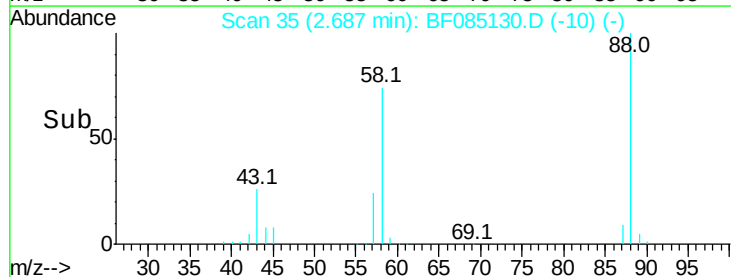
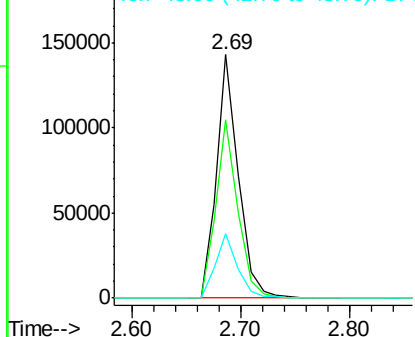
#2

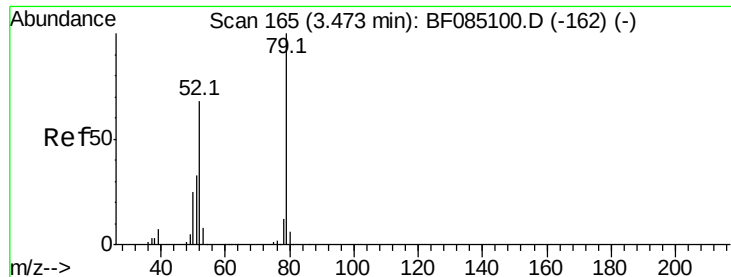
1,4-Dioxane
Concen: 38.67 ng
RT: 2.69 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion: 88 Resp: 201126
Ion Ratio Lower Upper
88 100
58 73.4 58.4 87.6
43 27.0 22.2 33.4



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



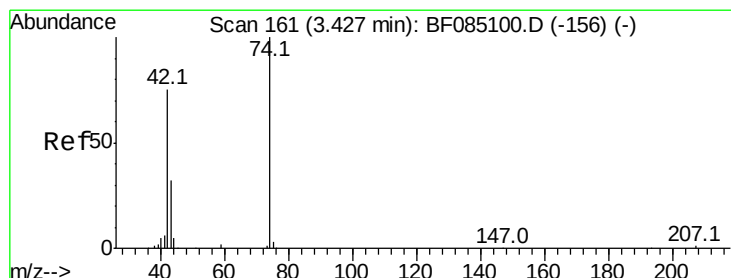
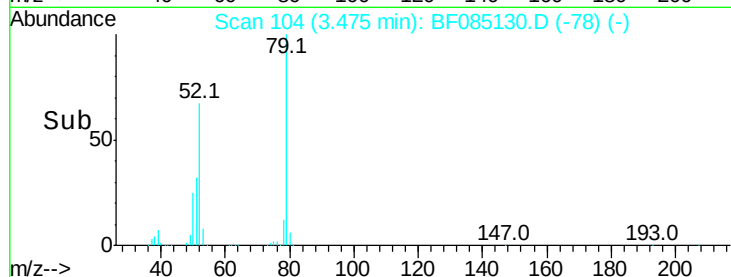
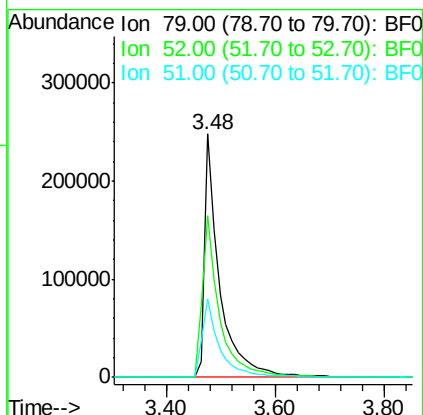
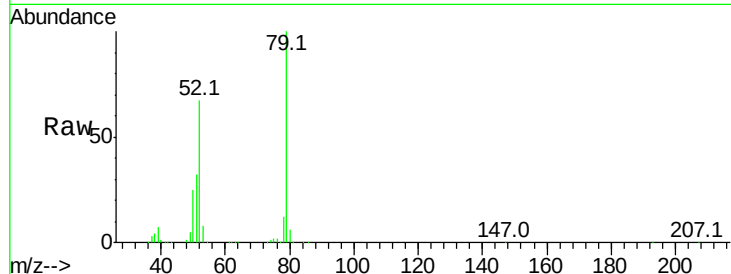


#3
 Pvridine
 Concen: 35.78 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 477596

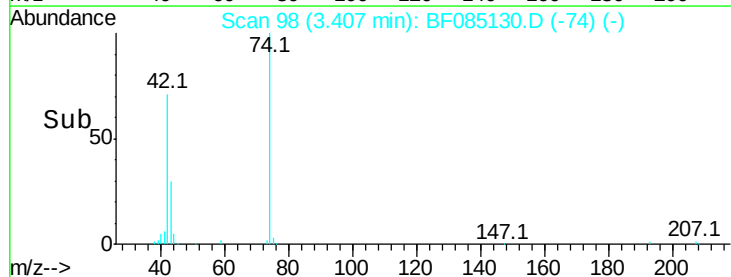
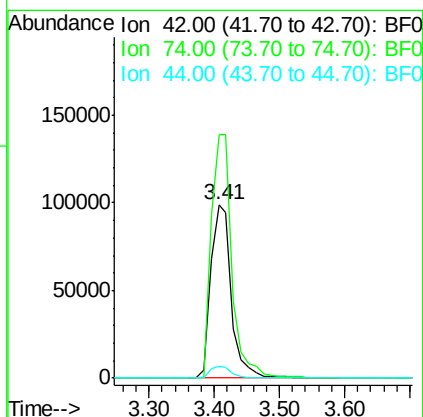
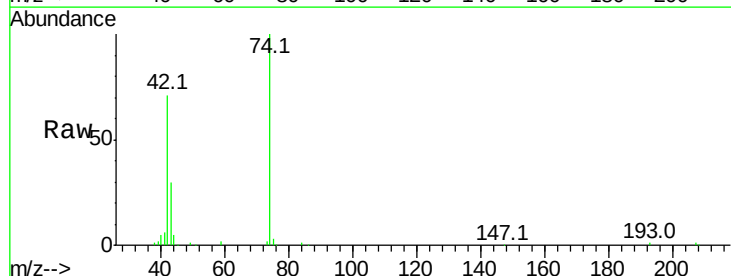
Ion	Ratio	Lower	Upper
79	100		
52	66.5	54.1	81.1
51	32.3	26.6	40.0

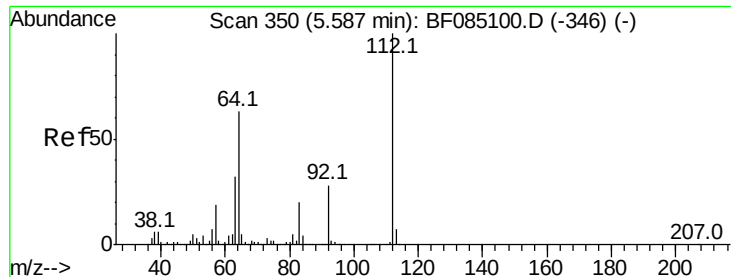


#4
 n-Nitrosodimethylamine
 Concen: 36.18 ng
 RT: 3.41 min Scan# 98
 Delta R.T. -0.02 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion: 42 Resp: 219738

Ion	Ratio	Lower	Upper
42	100		
74	140.3	106.6	160.0
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 75.29 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

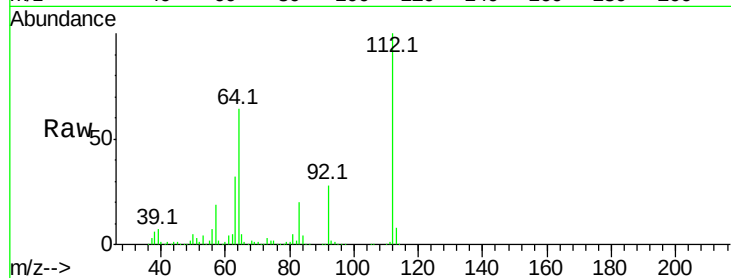
Tot Ion:112 Resp: 790247

Ion Ratio Lower Upper

112 100

64 64.1 50.6 76.0

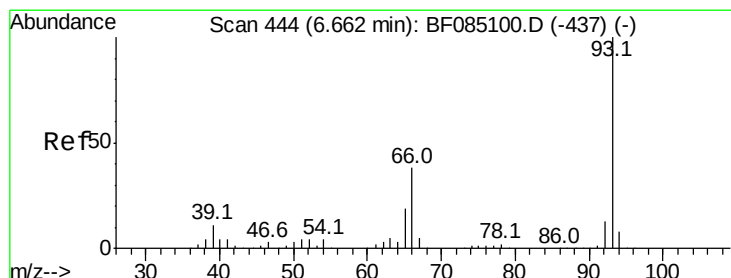
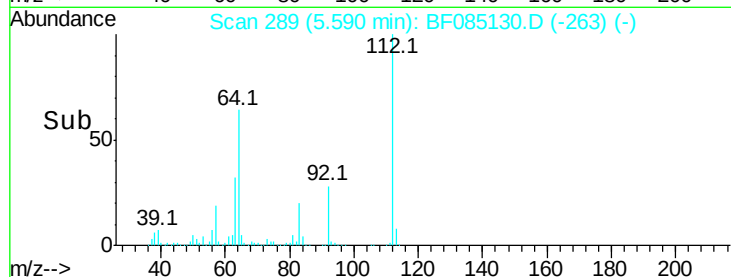
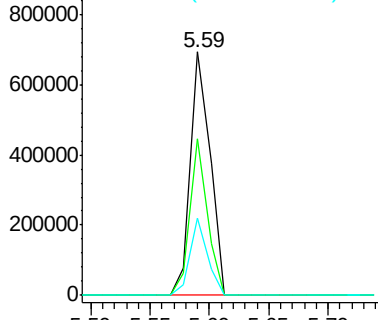
63 32.0 25.5 38.3



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: 36.91 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

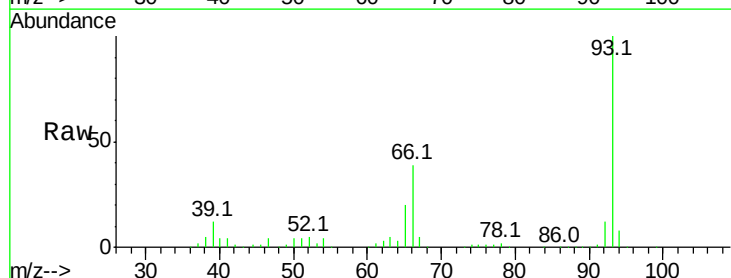
Tgt Ion: 93 Resp: 720689

Ion Ratio Lower Upper

93 100

66 39.4 30.1 45.1

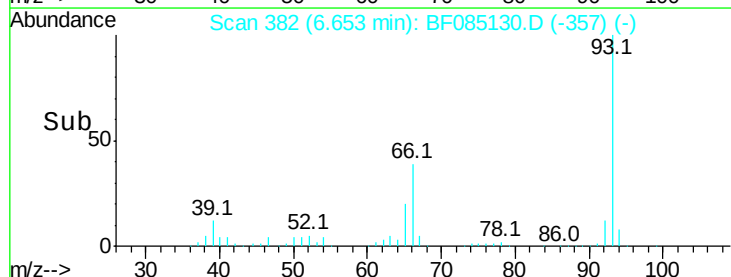
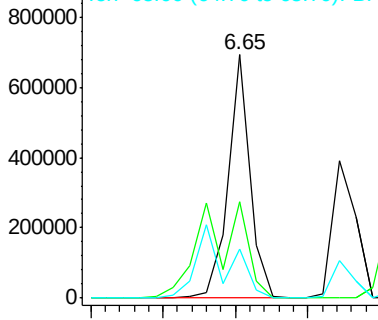
65 20.0 15.0 22.6

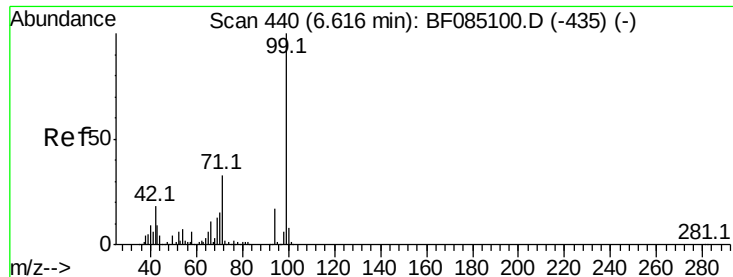


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.22 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

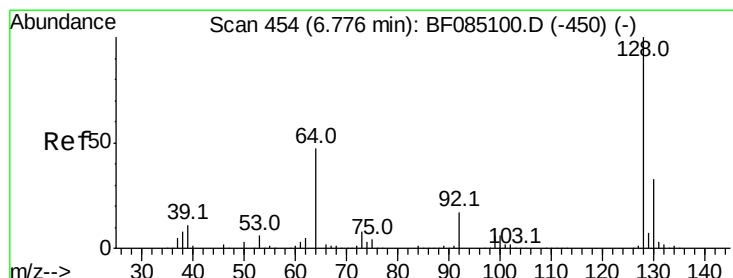
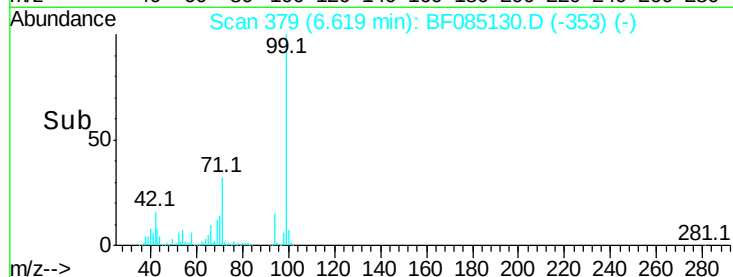
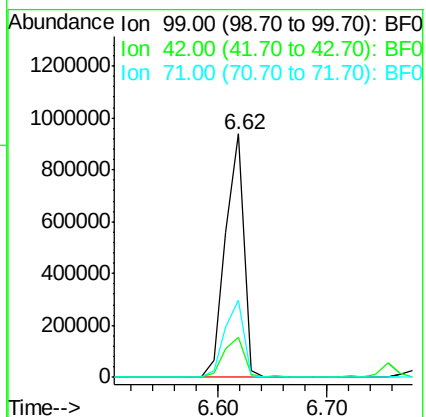
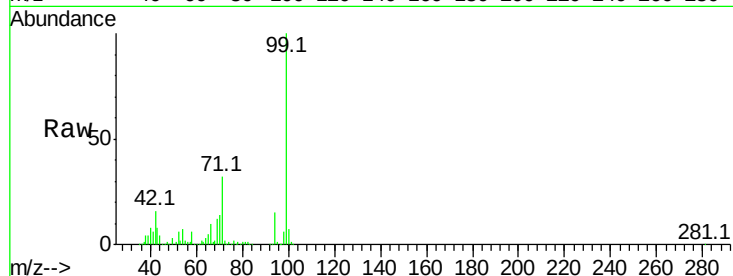
Tot Ion: 99 Resp: 1090059

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 31.6 26.8 40.2



#8

2-Chlorophenol

Concen: 41.02 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

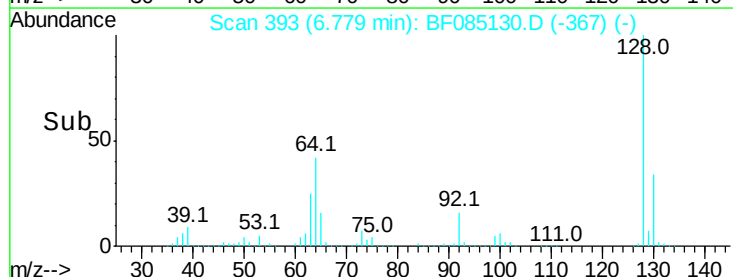
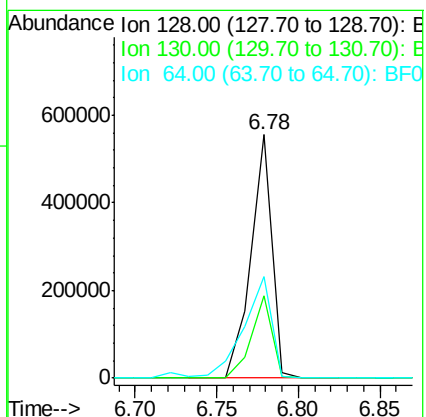
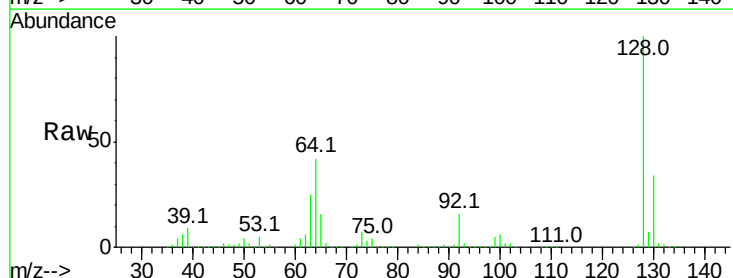
Tgt Ion: 128 Resp: 496208

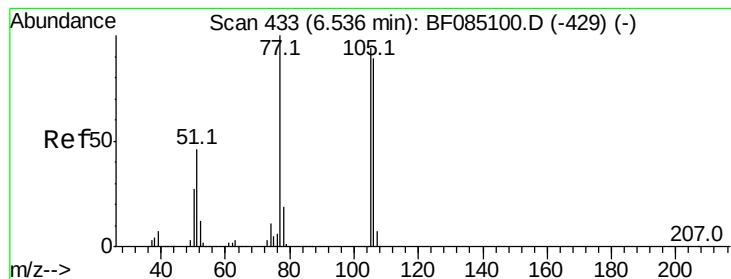
Ion Ratio Lower Upper

128 100

130 33.6 13.1 53.1

64 41.7 29.6 69.6





#9

Benzaldehyde

Concen: 41.10 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

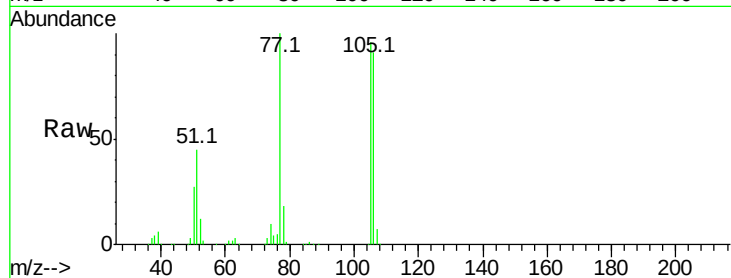
Tot Ion: 77 Resp: 273576

Ion Ratio Lower Upper

77 100

105 95.6 73.7 113.7

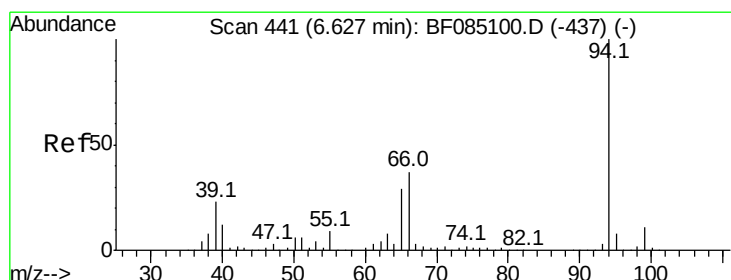
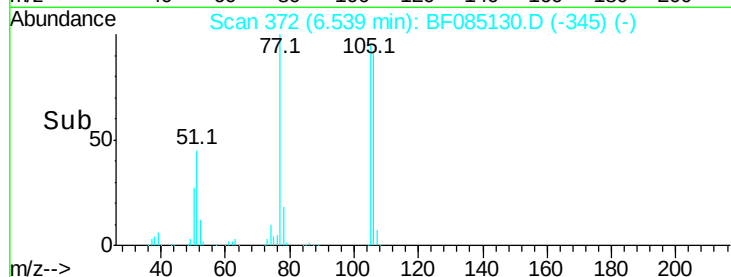
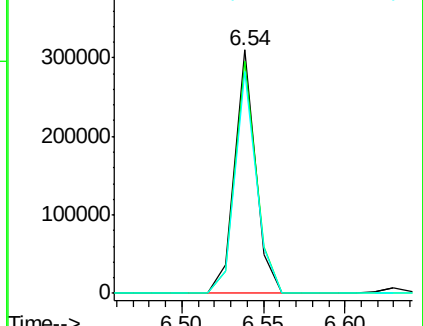
106 91.2 69.2 109.2



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: 45.51 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

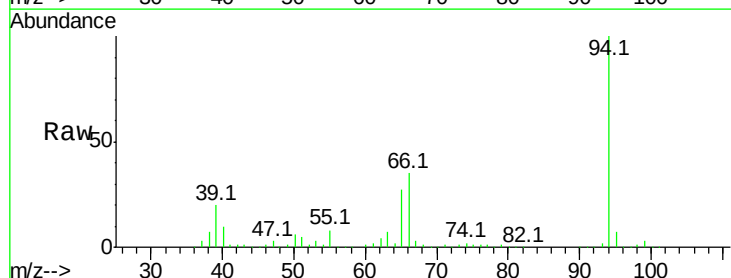
Tgt Ion: 94 Resp: 700583

Ion Ratio Lower Upper

94 100

65 26.7 9.1 49.1

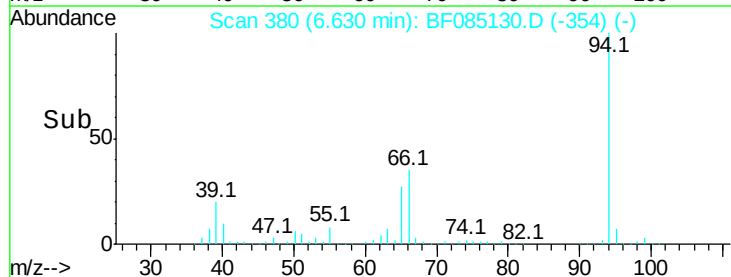
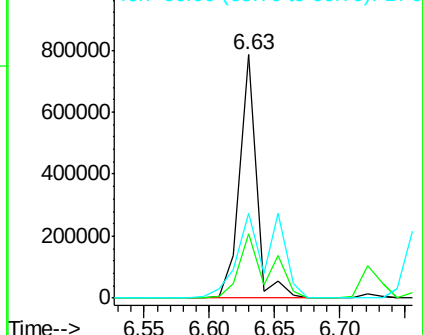
66 34.7 17.5 57.5

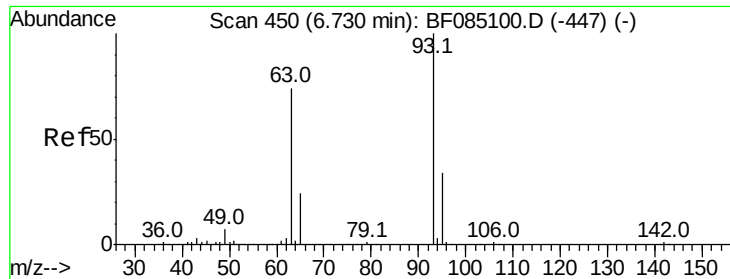


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.36 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

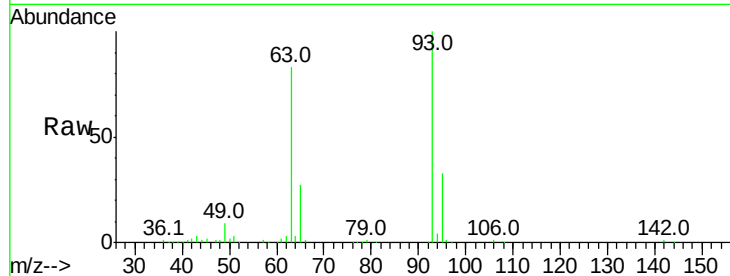
Tot Ion: 93 Resp: 431531

Ion Ratio Lower Upper

93 100

63 83.0 53.9 93.9

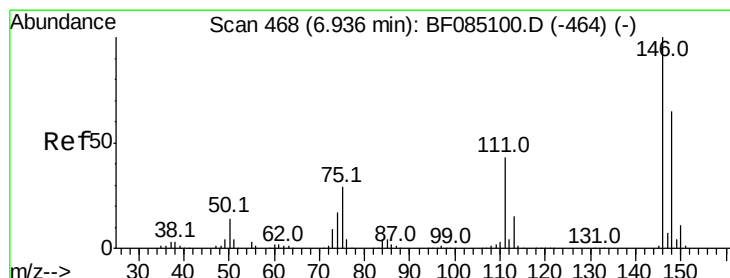
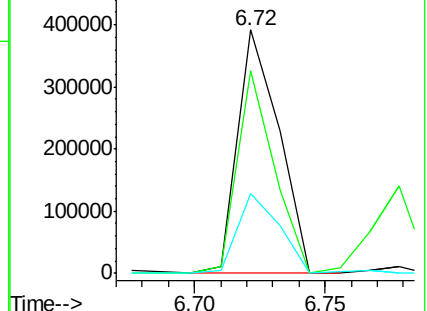
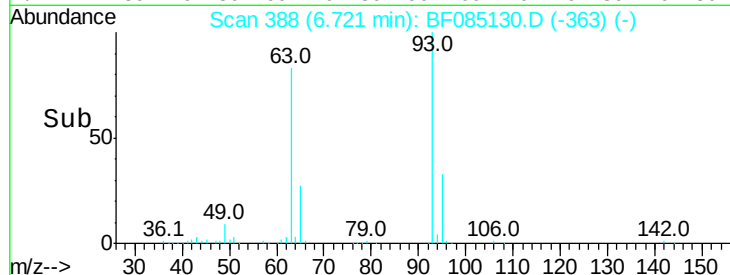
95 32.9 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.90 ng

RT: 6.94 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

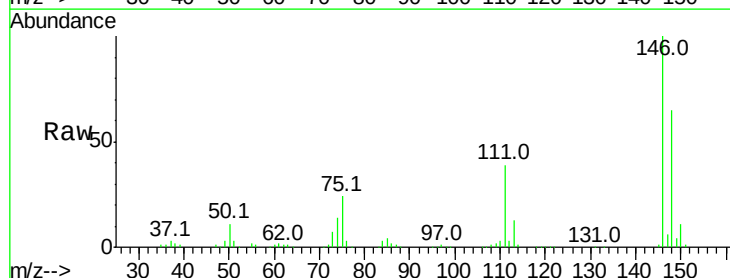
Tgt Ion: 146 Resp: 531489

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

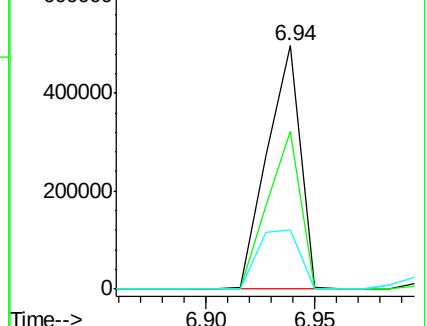
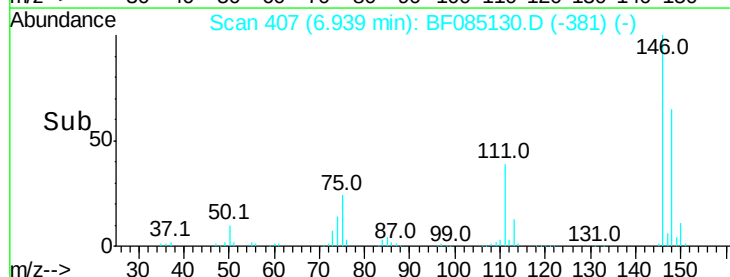
75 24.5 23.3 34.9

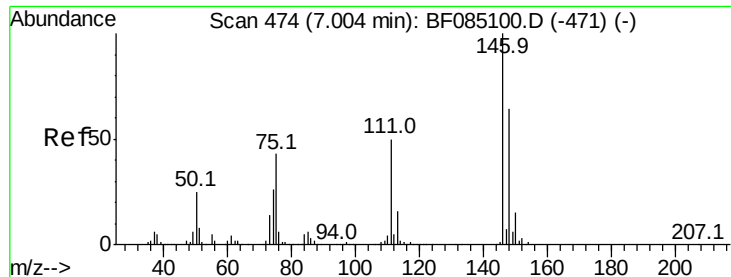


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

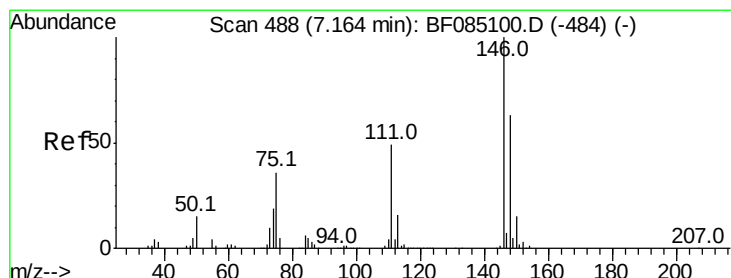
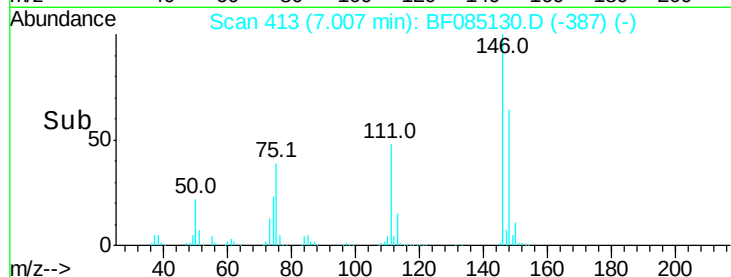
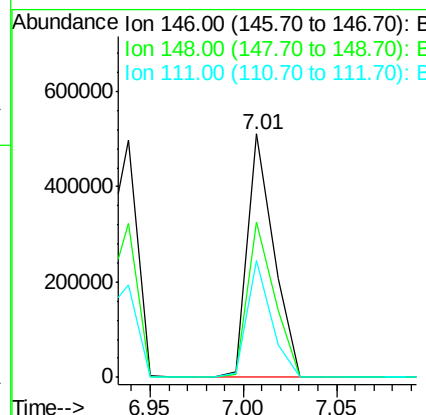
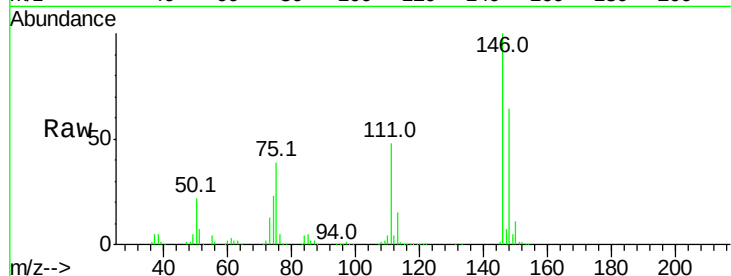




#13
1,4-Dichlorobenzene
Concen: 37.83 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

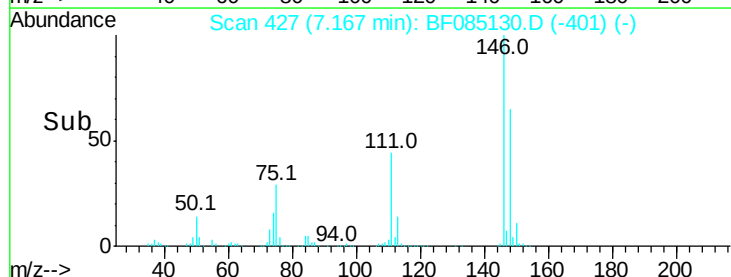
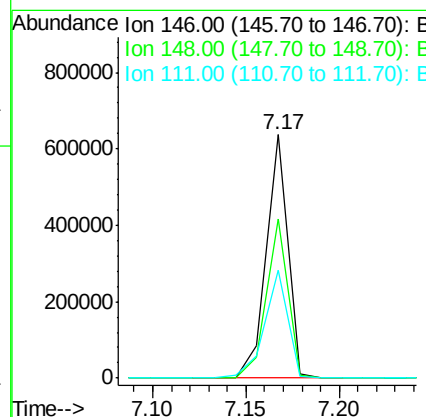
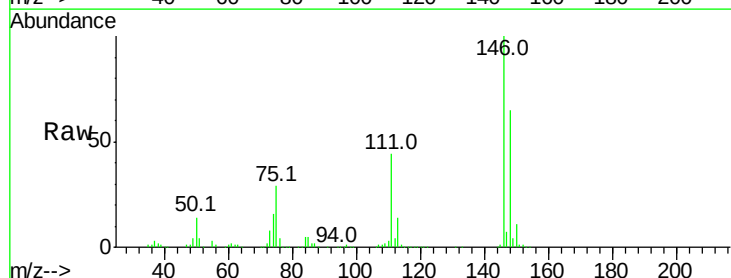
Instrument :
BNA_F
ClientSampleId :

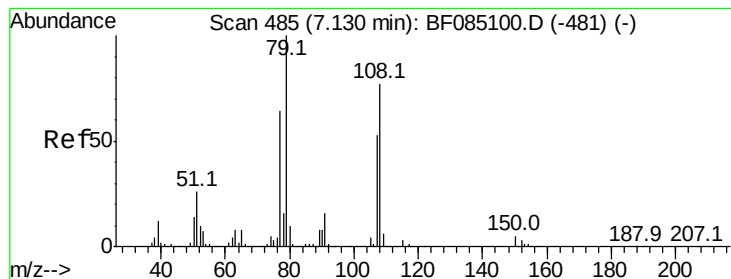
Tot Ion:146 Resp: 501051
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 47.9 40.0 60.0



#14
1,2-Dichlorobenzene
Concen: 43.23 ng
RT: 7.17 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:146 Resp: 504025
Ion Ratio Lower Upper
146 100
148 65.1 50.5 75.7
111 44.4 38.9 58.3





#15

Benzyl Alcohol

Concen: 43.74 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampled :

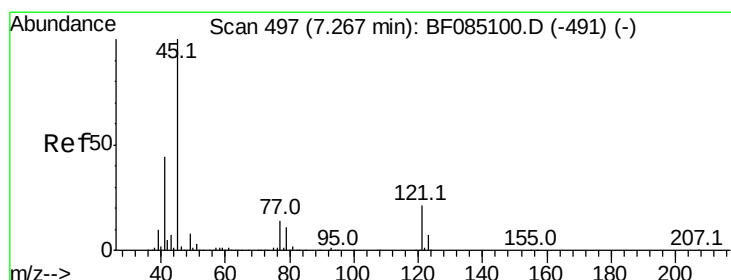
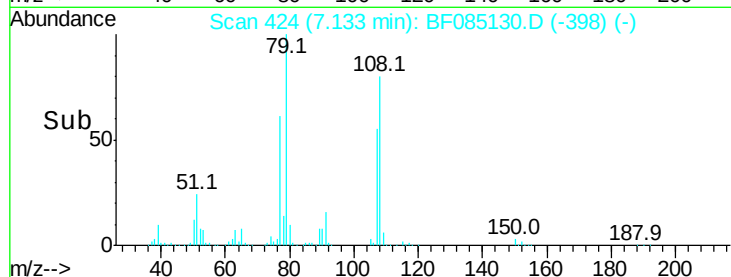
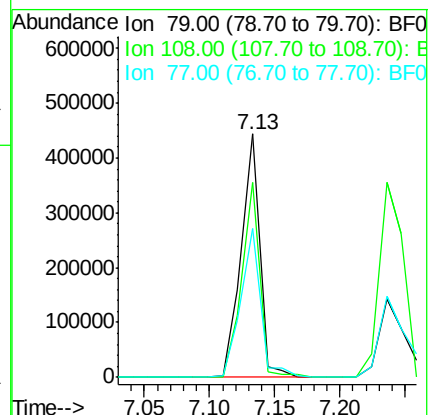
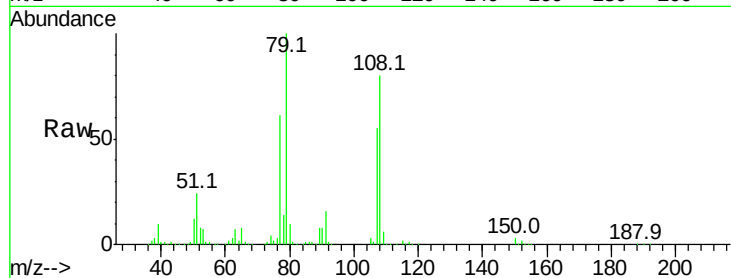
Tot Ion: 79 Resp: 438714

Ion Ratio Lower Upper

79 100

108 79.8 61.8 92.6

77 61.3 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.28 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

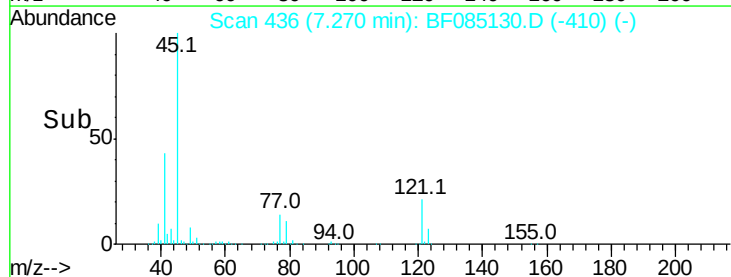
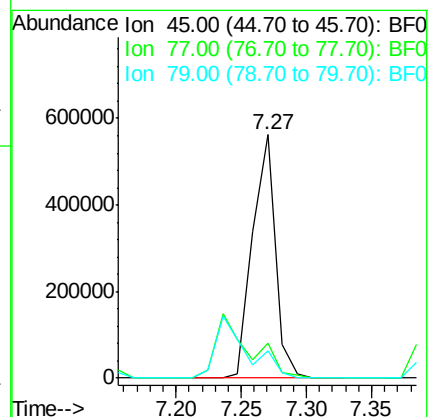
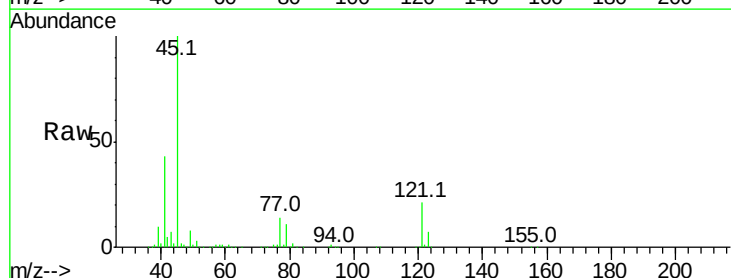
Tgt Ion: 45 Resp: 688443

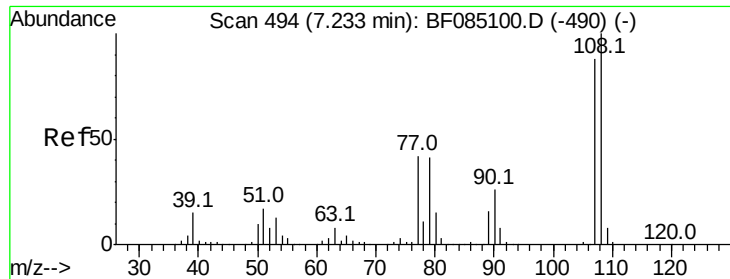
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.4

79 11.4 0.0 31.1





#17

2-Methylphenol

Concen: 38.78 ng

RT: 7.24 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 393106

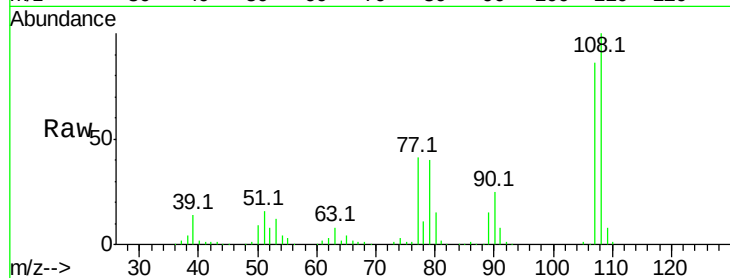
Ion Ratio Lower Upper

107 100

108 116.8 91.4 137.2

77 48.4 38.7 58.1

79 47.1 37.8 56.6

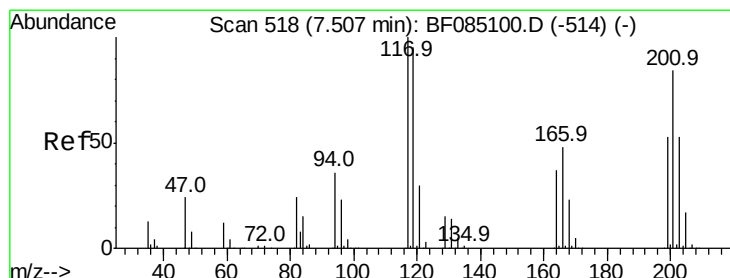
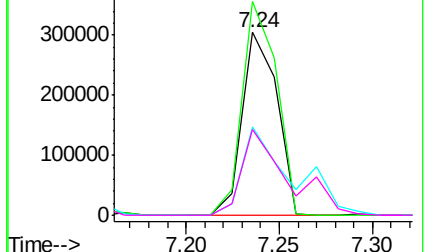
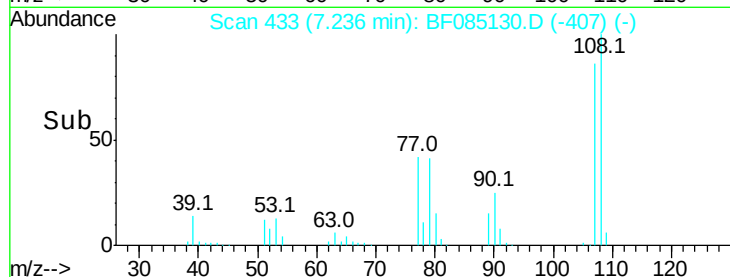


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.71 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

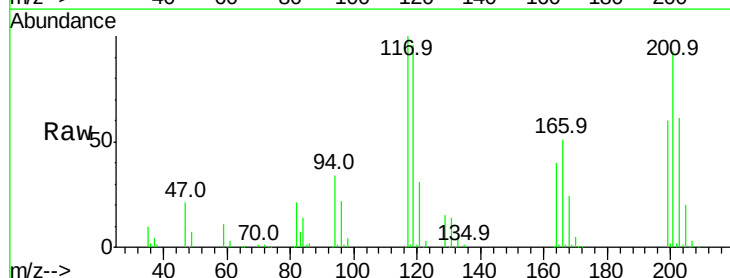
Tgt Ion:117 Resp: 199315

Ion Ratio Lower Upper

117 100

119 95.7 76.2 114.4

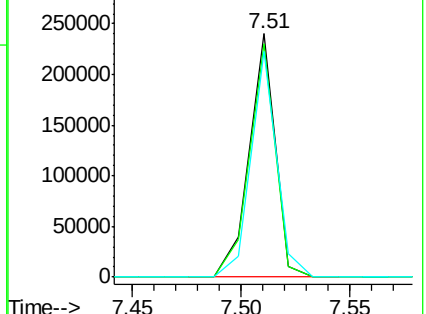
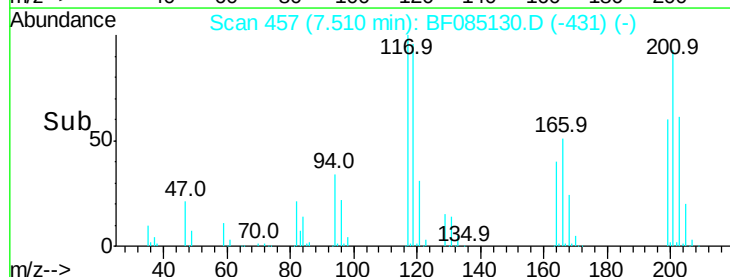
201 92.9 66.8 100.2

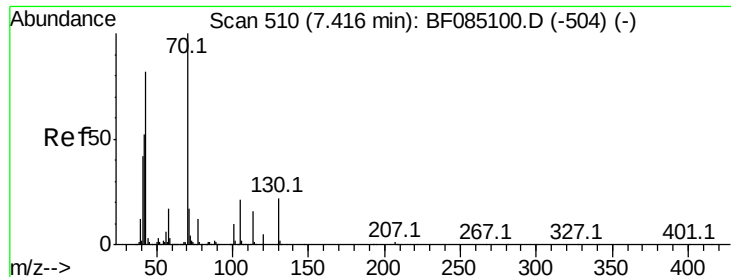


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

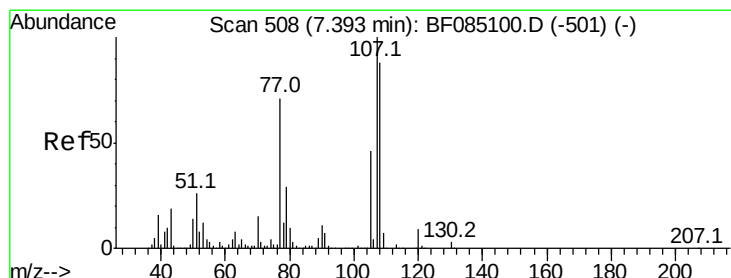
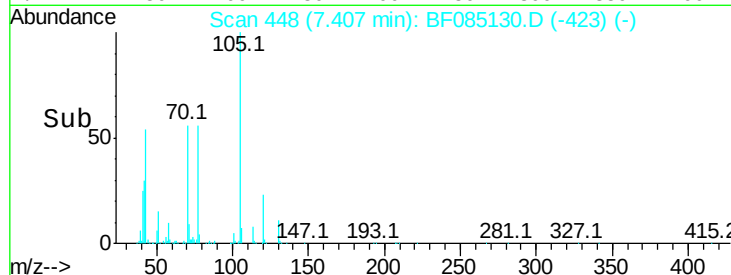
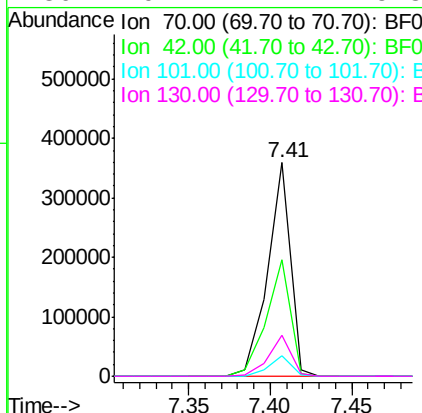
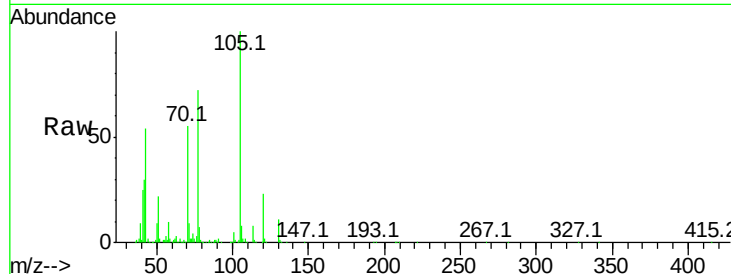




#19
n-Nitroso-di-n-propylamine
Concen: 38.74 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

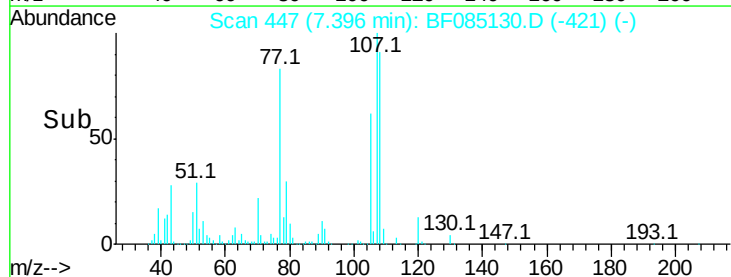
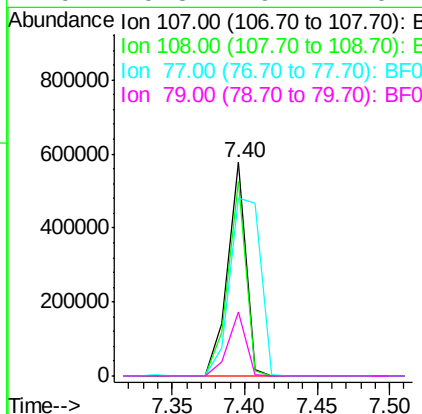
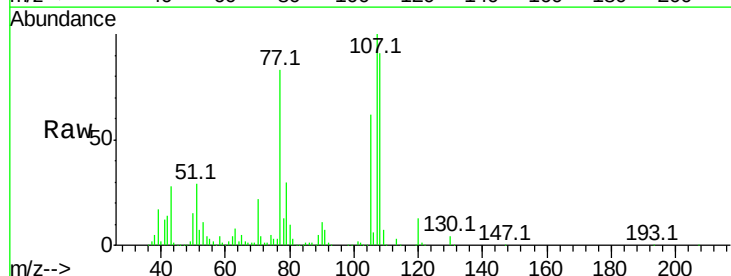
Instrument :
BNA_F
ClientSampleId :

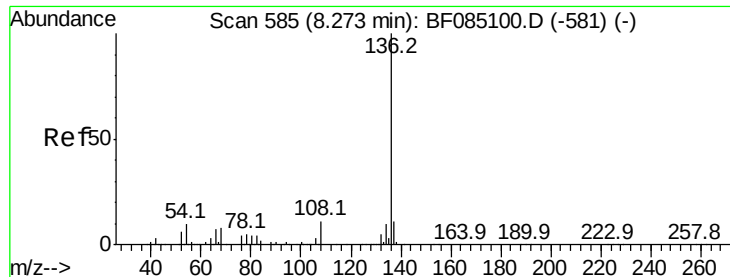
Tot Ion: 70 Resp: 351260
Ion Ratio Lower Upper
70 100
42 54.8 41.9 62.9
101 9.4 7.8 11.8
130 19.4 17.2 25.8



#20
3+4-Methylphenols
Concen: 41.68 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion: 107 Resp: 504931
Ion Ratio Lower Upper
107 100
108 91.2 67.8 107.8
77 83.4 50.6 90.6
79 29.8 9.1 49.1

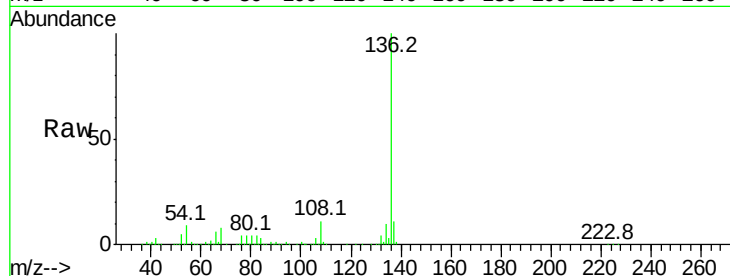




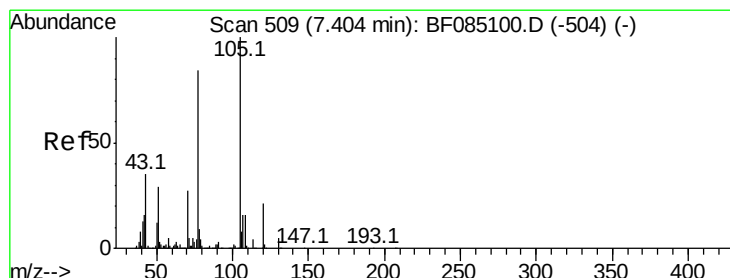
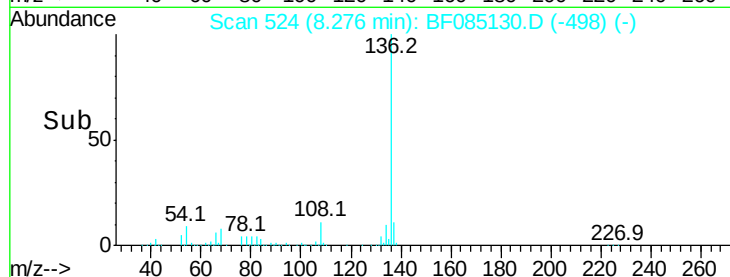
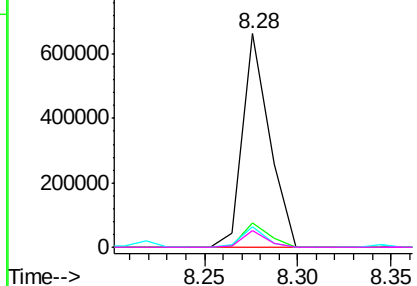
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	663402
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	8.5	12.7
68	7.6	6.4	9.6

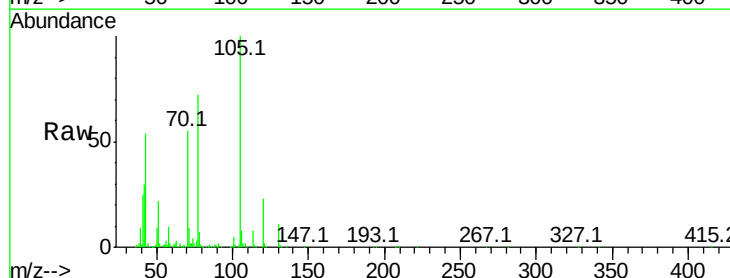


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

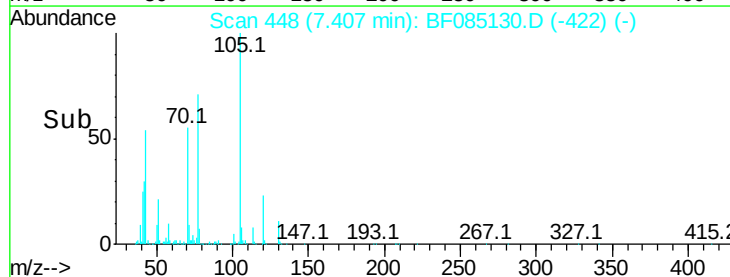
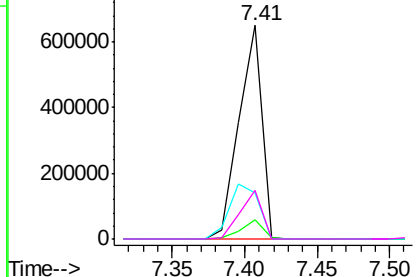


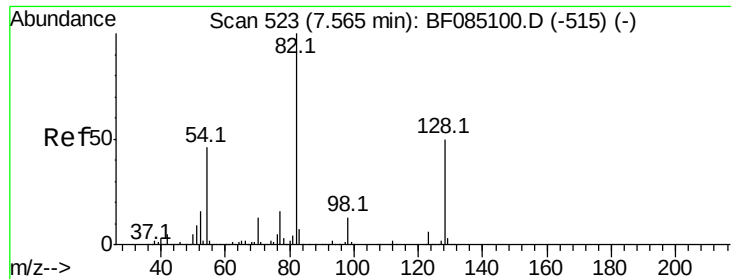
#22
Acetophenone
Concen: 42.79 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:	105	Resp:	714057
Ion	Ratio	Lower	Upper
105	100		
71	9.2	3.8	5.6#
51	21.7	22.9	34.3#
120	22.7	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

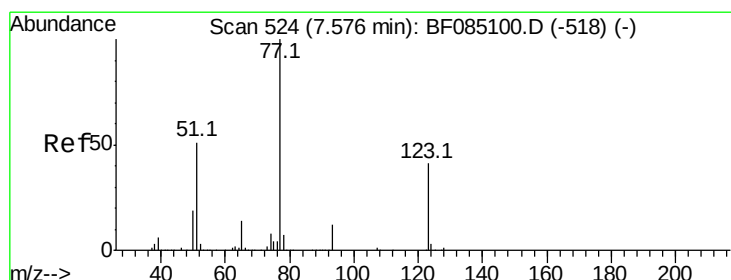
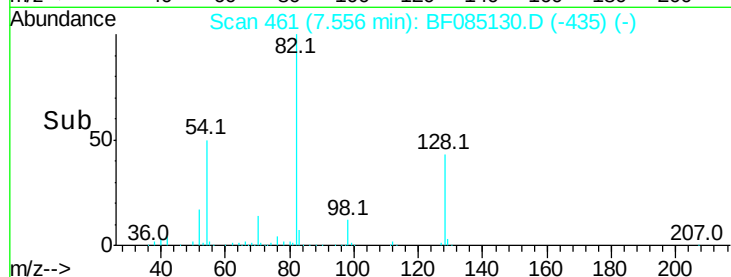
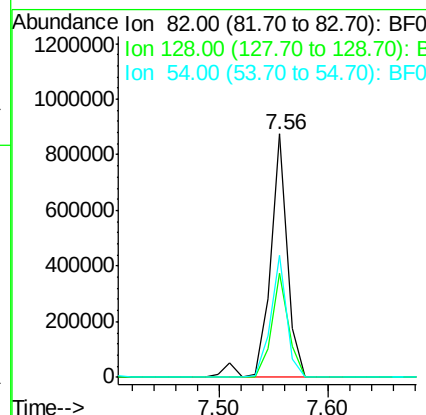
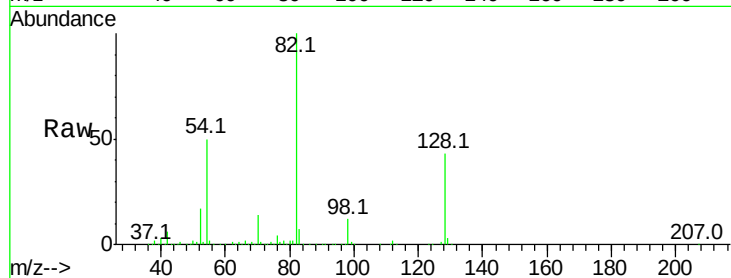




#23
 Nitrobenzene-d5
 Concen: 77.46 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

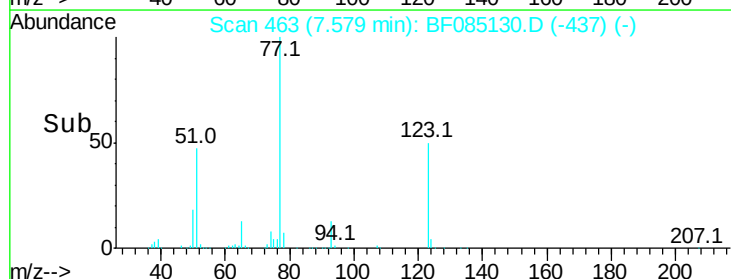
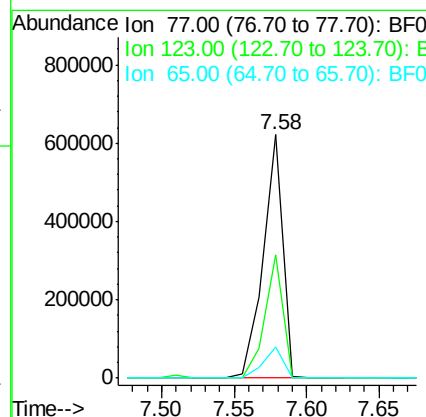
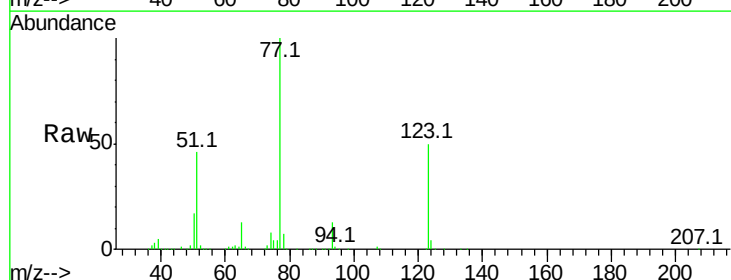
Instrument :
 BNA_F
 ClientSampled :

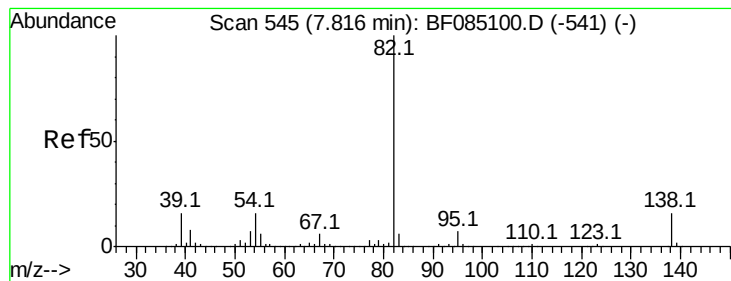
Tot Ion: 82 Resp: 965829
 Ion Ratio Lower Upper
 82 100
 128 42.7 39.8 59.6
 54 50.2 36.6 54.8



#24
 Nitrobenzene
 Concen: 44.71 ng
 RT: 7.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion: 77 Resp: 578289
 Ion Ratio Lower Upper
 77 100
 123 50.4 33.4 50.2#
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 41.20 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

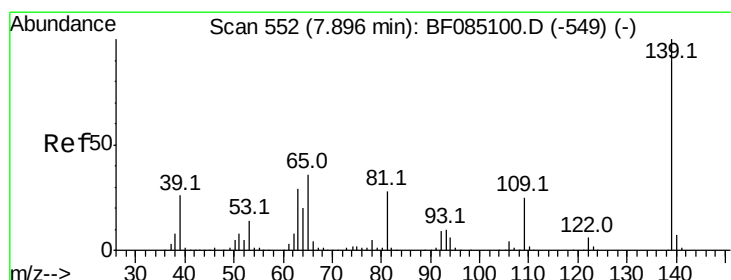
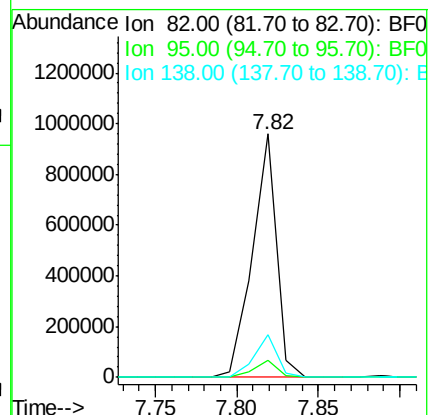
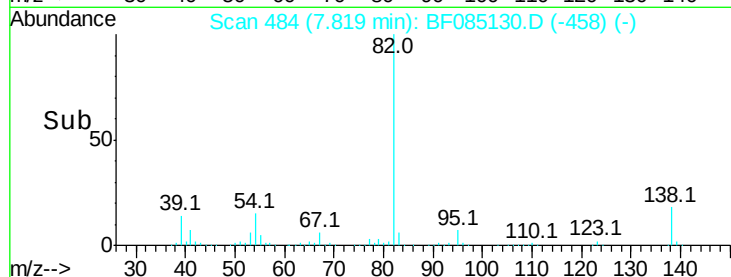
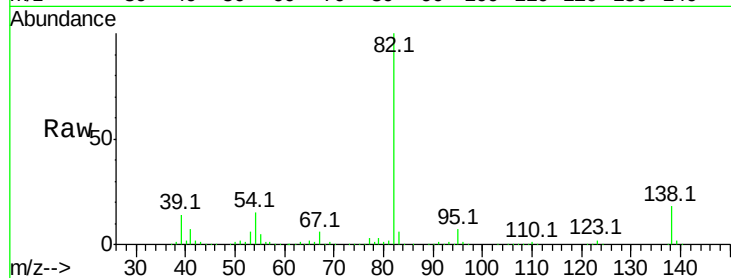
Tot Ion: 82 Resp: 982796

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.7 12.6 18.8



#26

2-Nitrophenol

Concen: 40.67 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

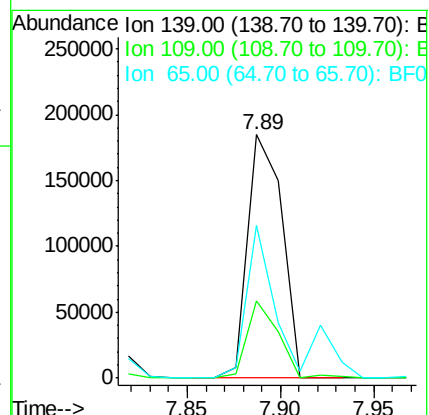
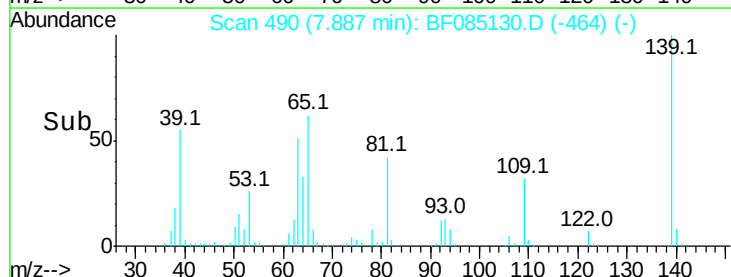
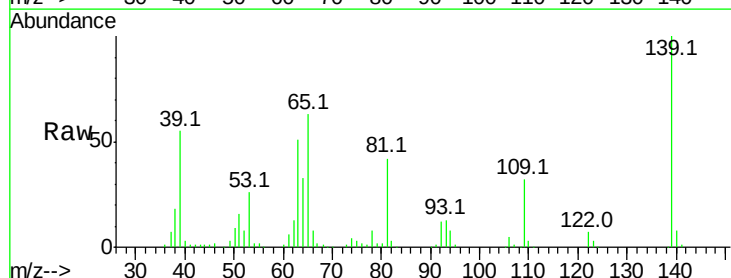
Tgt Ion:139 Resp: 235243

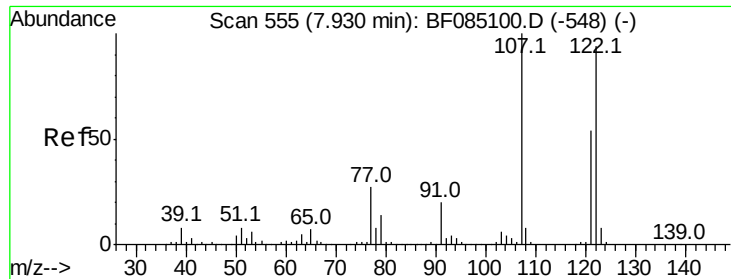
Ion Ratio Lower Upper

139 100

109 31.9 20.4 30.6#

65 62.7 29.2 43.8#





#27

2,4-Dimethylphenol

Concen: 38.22 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

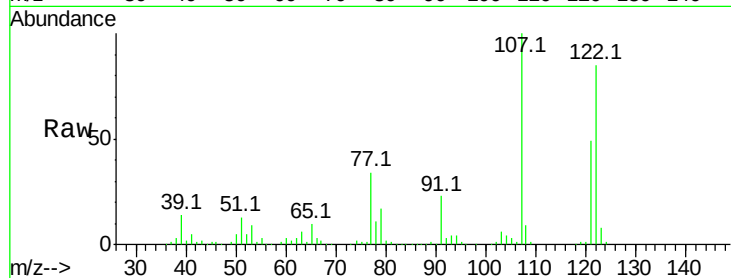
Tot Ion:122 Resp: 428481

Ion Ratio Lower Upper

122 100

107 117.7 85.0 127.4

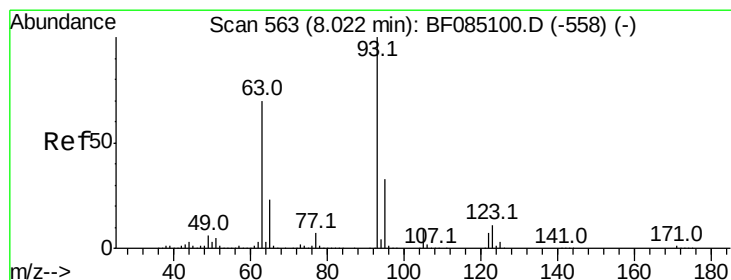
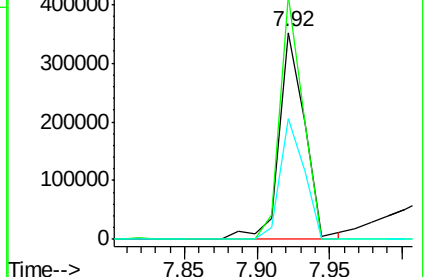
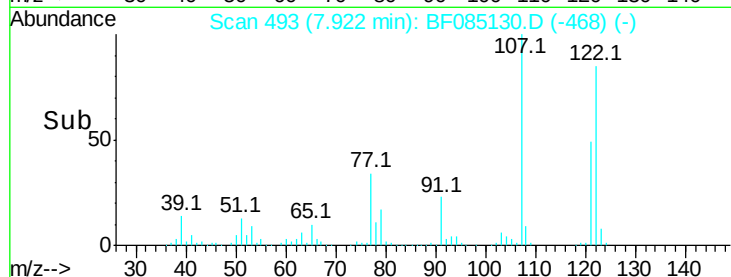
121 58.1 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.94 ng

RT: 8.02 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

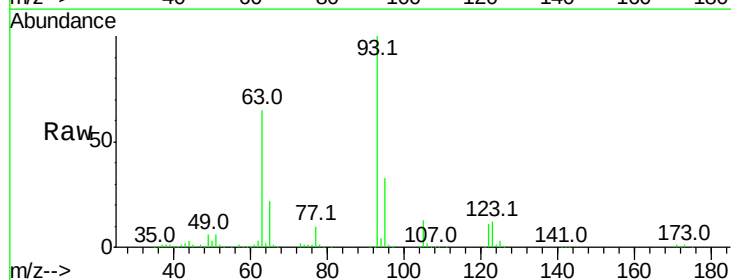
Tgt Ion: 93 Resp: 577928

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

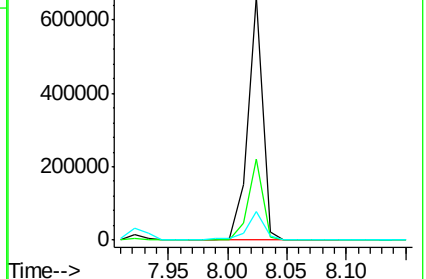
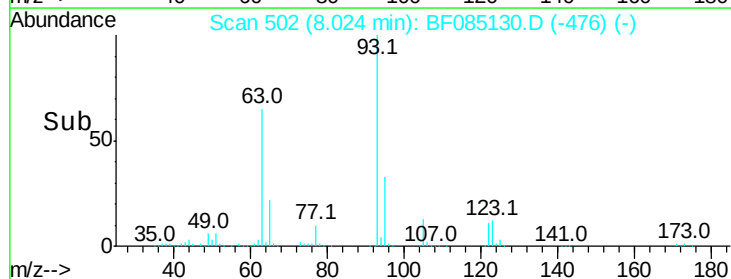
123 11.5 8.8 13.2

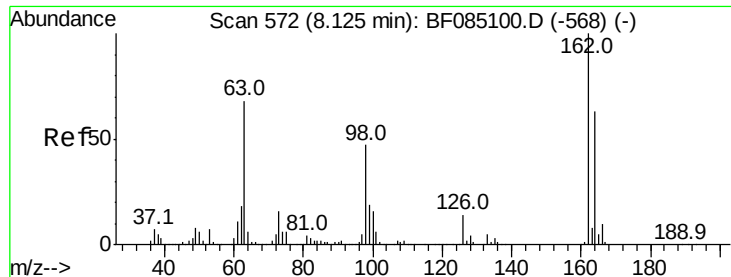


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.78 ng

RT: 8.13 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

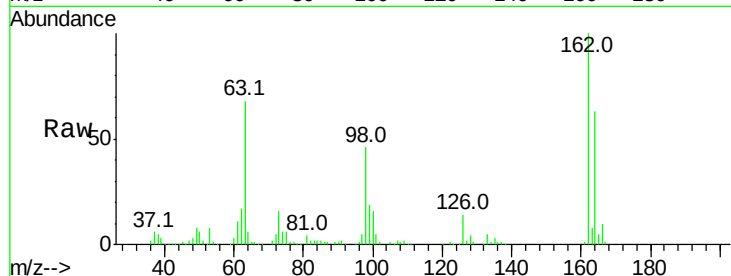
Tot Ion:162 Resp: 366888

Ion Ratio Lower Upper

162 100

164 63.2 42.9 82.9

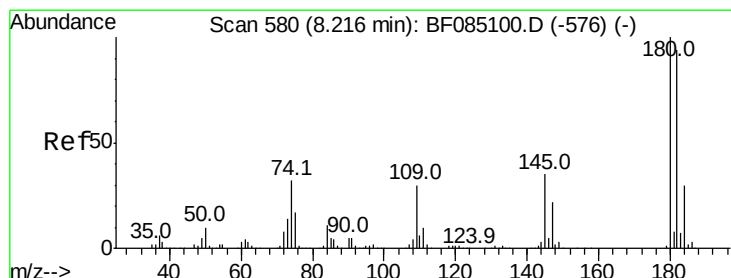
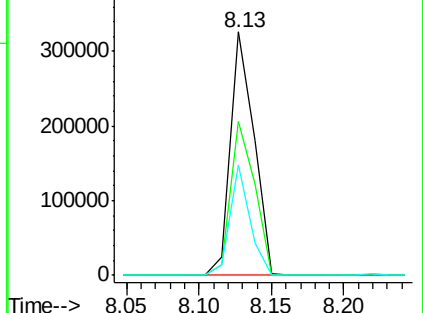
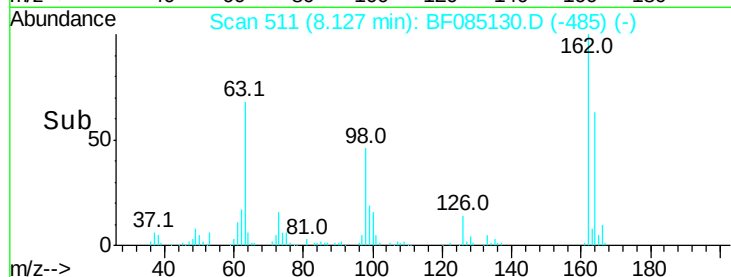
98 45.5 26.9 66.9



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: 42.24 ng

RT: 8.22 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

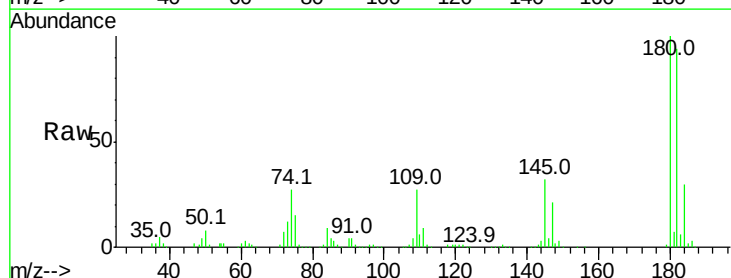
Tgt Ion:180 Resp: 424703

Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.0

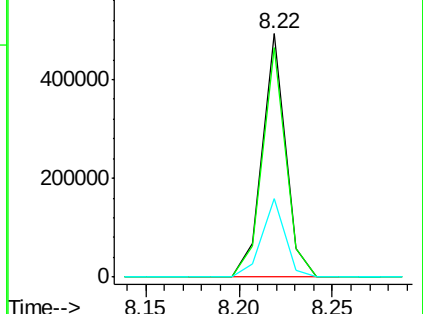
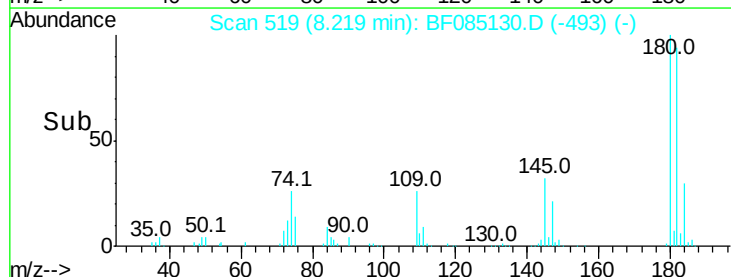
145 32.4 27.8 41.8

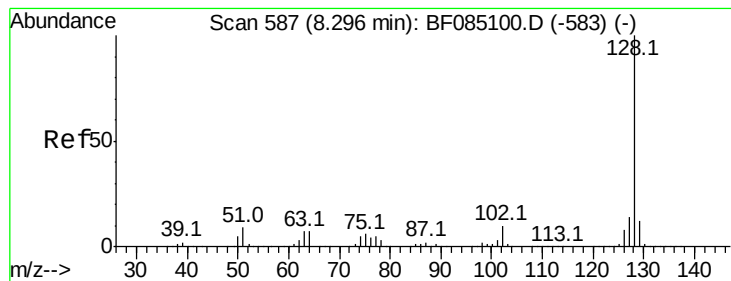


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.49 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

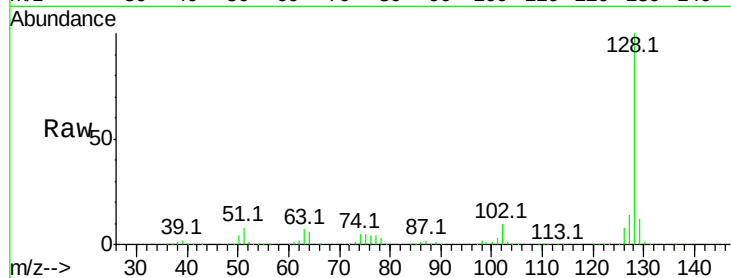
Tot Ion:128 Resp: 1291488

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

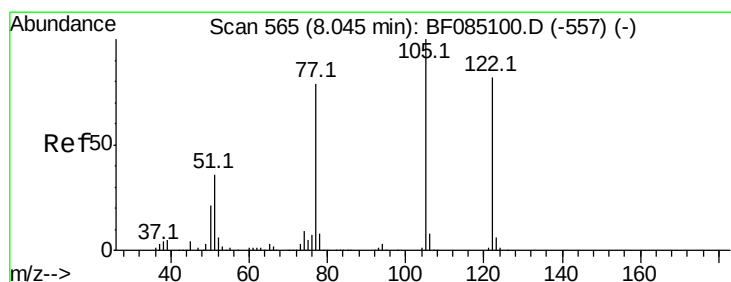
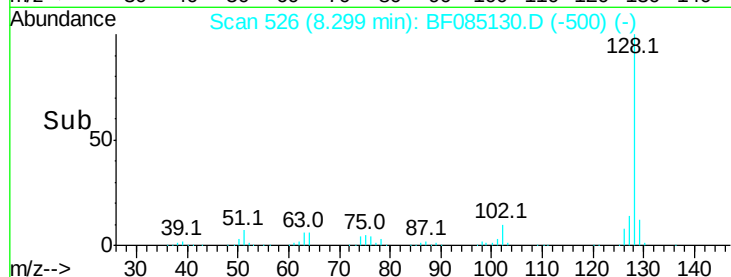
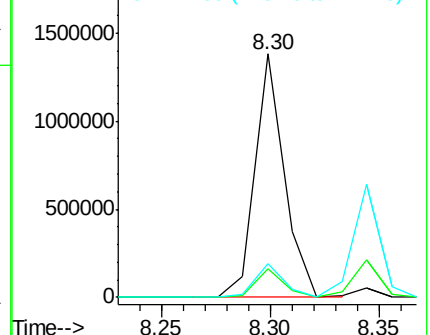
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.68 ng

RT: 8.04 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

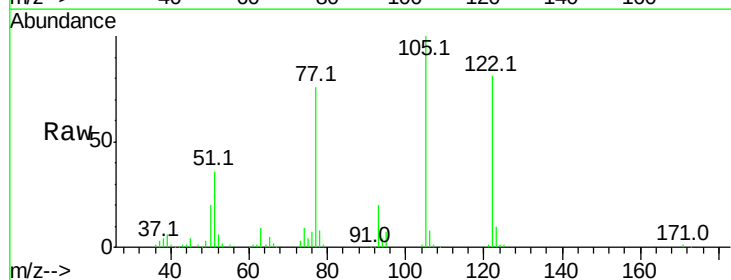
Tgt Ion:122 Resp: 300371

Ion Ratio Lower Upper

122 100

105 124.0 102.0 142.0

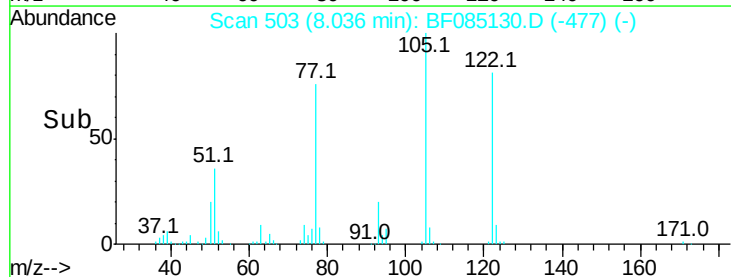
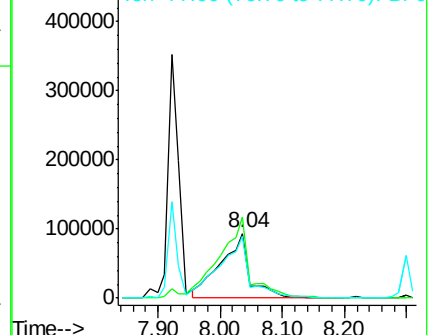
77 94.6 76.8 116.8

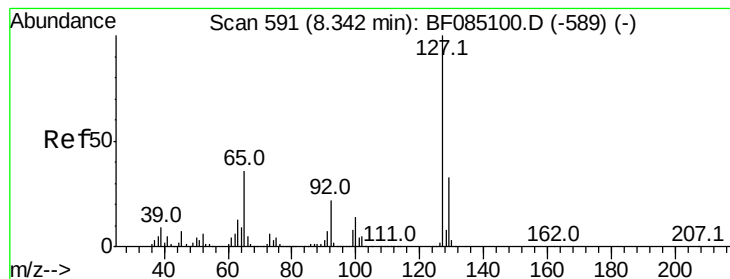


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.10 ng

RT: 8.34 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 545045

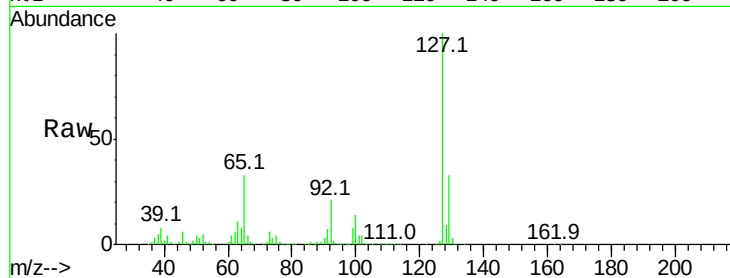
Ion Ratio Lower Upper

127 100

129 33.1 26.3 39.5

65 32.8 28.6 43.0

92 21.1 17.8 26.8

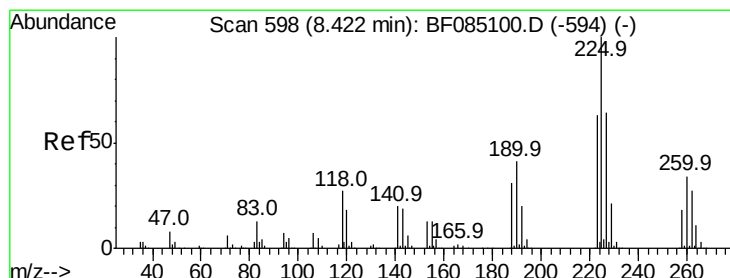
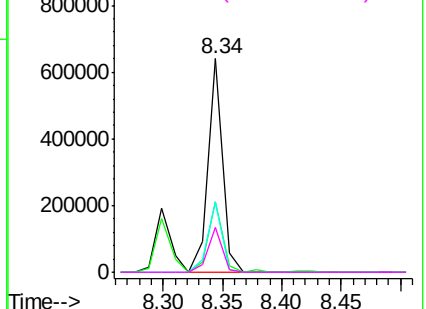
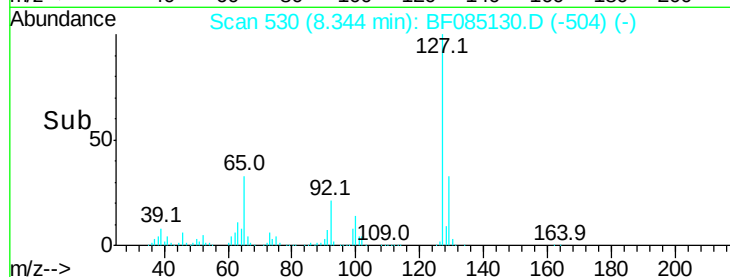


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.05 ng

RT: 8.42 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

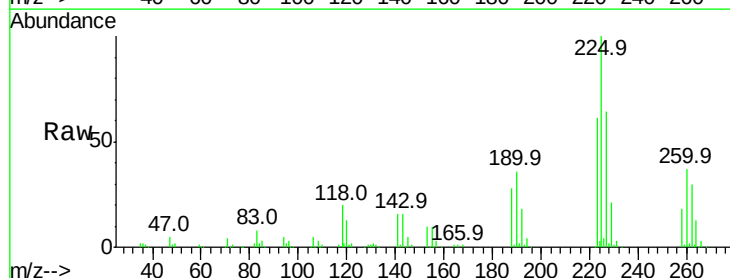
Tgt Ion:225 Resp: 245256

Ion Ratio Lower Upper

225 100

223 60.5 50.4 75.6

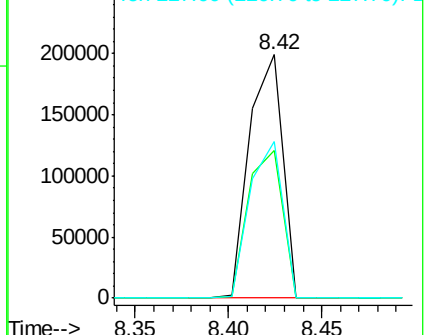
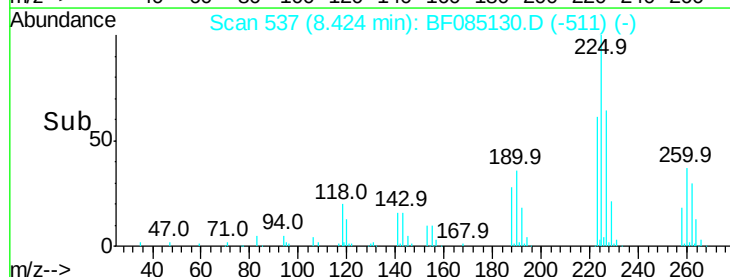
227 64.2 51.6 77.4

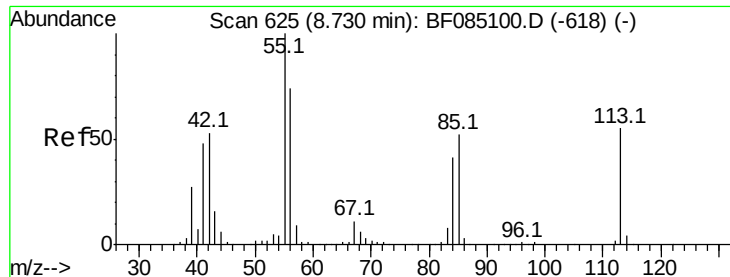


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.61 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

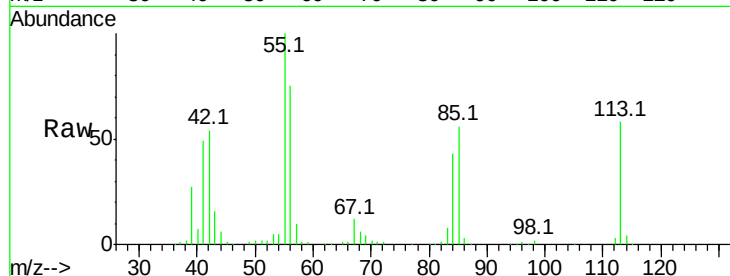
Tot Ion:113 Resp: 123340

Ion Ratio Lower Upper

113 100

55 171.8 162.9 202.9

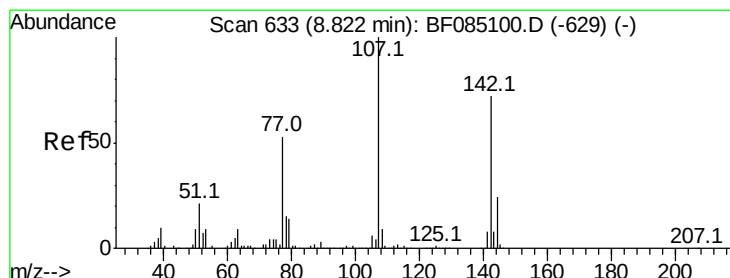
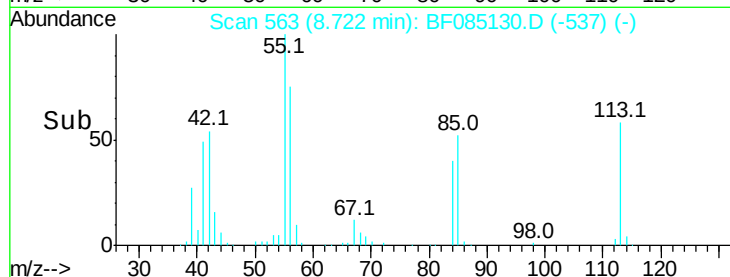
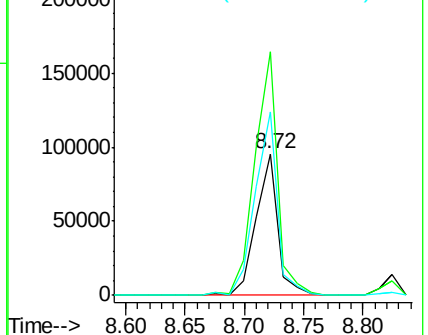
56 129.3 114.5 154.5



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: 44.33 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

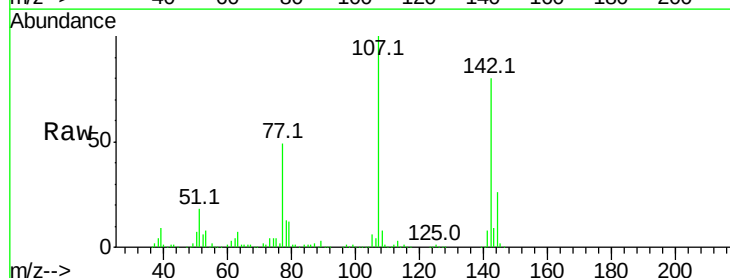
Tgt Ion:107 Resp: 452127

Ion Ratio Lower Upper

107 100

144 25.8 18.9 28.3

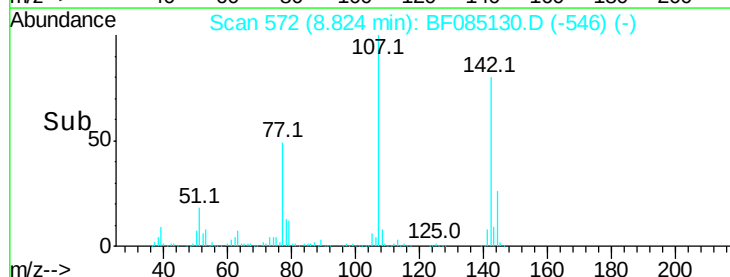
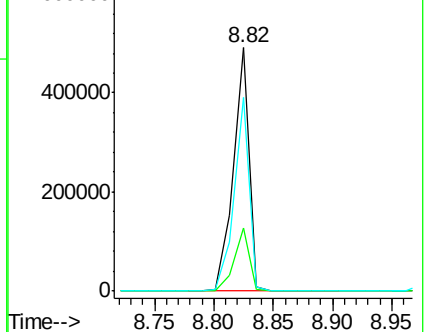
142 79.7 57.9 86.9

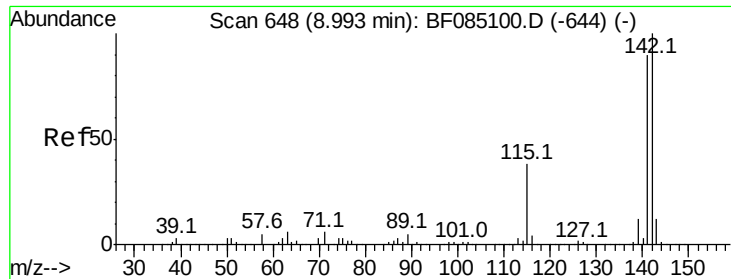


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

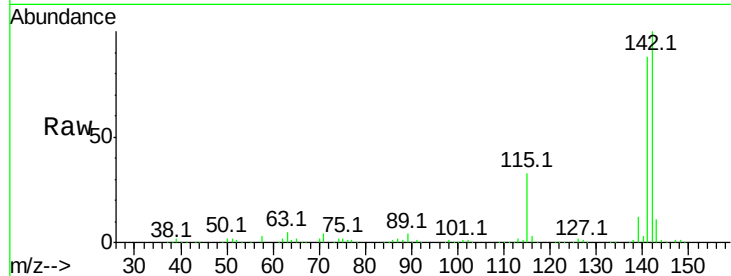




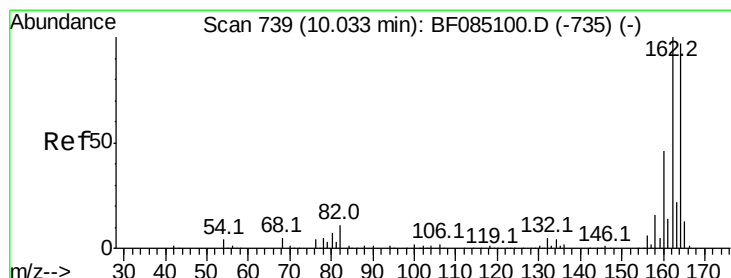
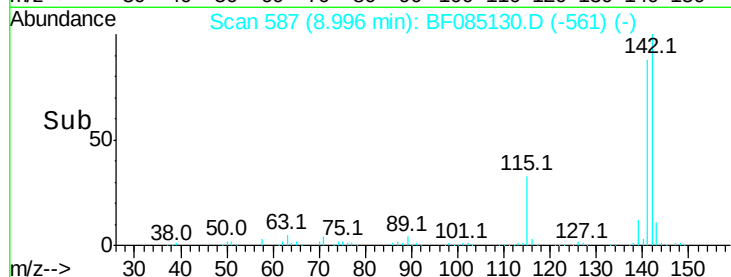
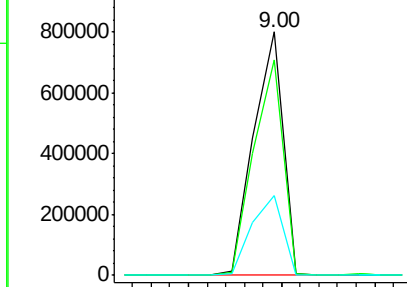
#37
2-Methylnaphthalene
Concen: 42.44 ng
RT: 9.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 870380
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5
115 32.6 30.1 45.1

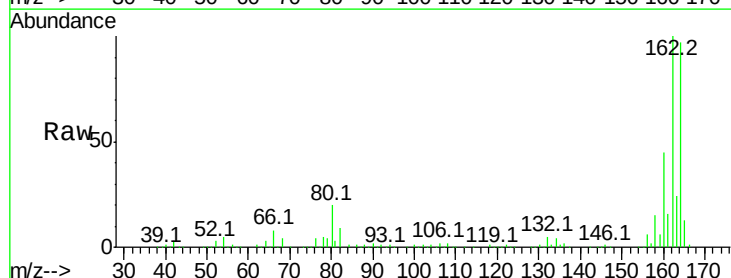


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

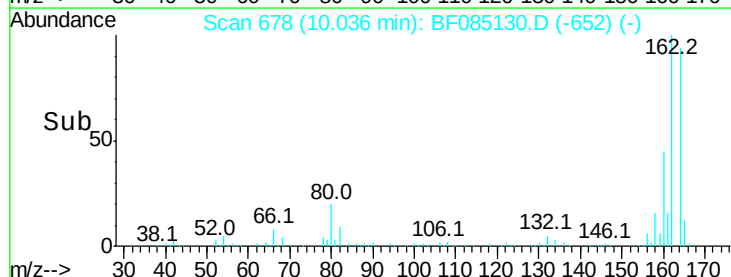
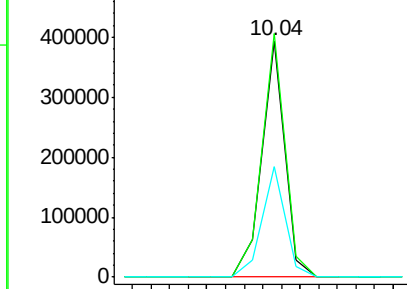


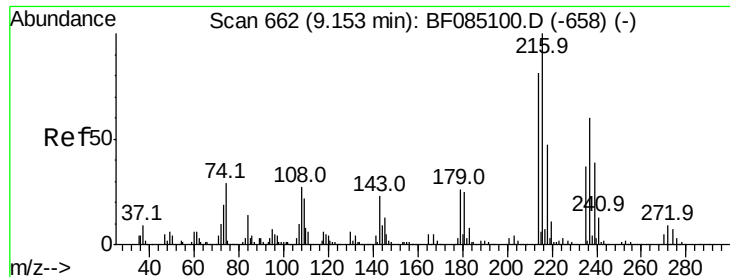
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:164 Resp: 332754
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 46.6 38.2 57.2



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

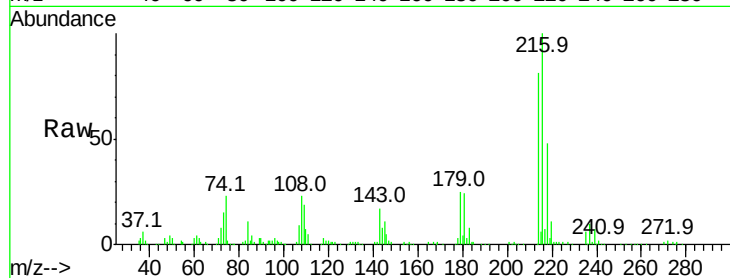




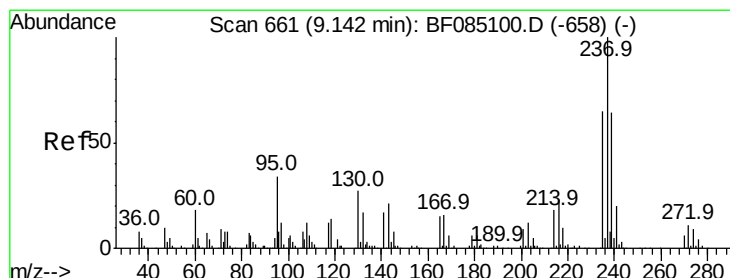
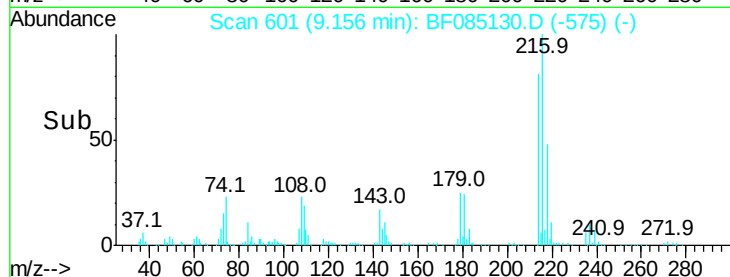
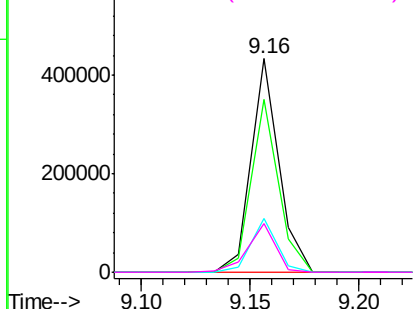
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.54 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	384675
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.7	95.5
179	23.6	18.1	27.1
108	22.6	17.1	25.7

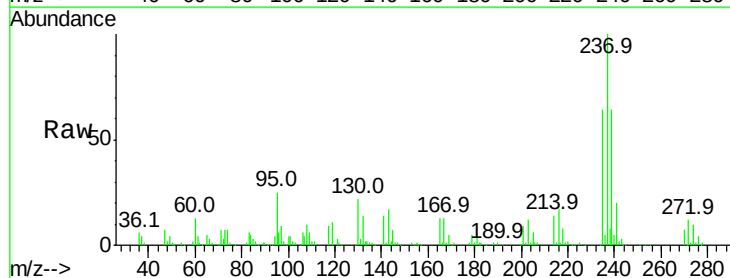


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

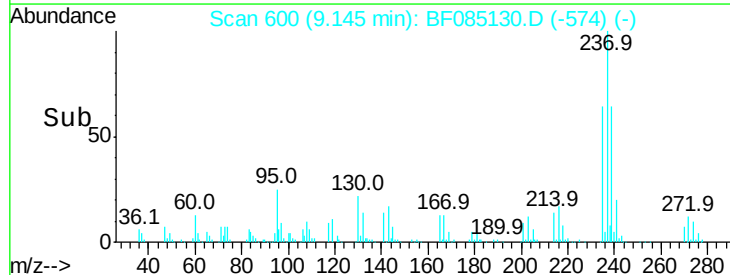
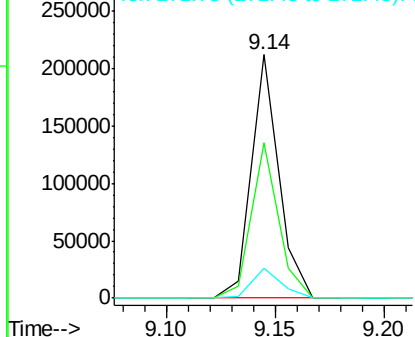


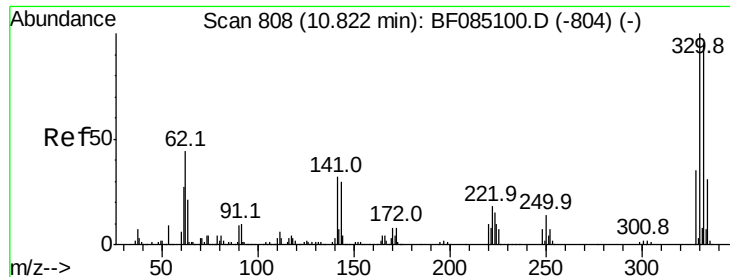
#40
 Hexachlorocyclopentadiene
 Concen: 31.89 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:	237	Resp:	186042
Ion	Ratio	Lower	Upper
237	100		
235	64.0	45.3	85.3
272	12.2	0.0	31.2



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

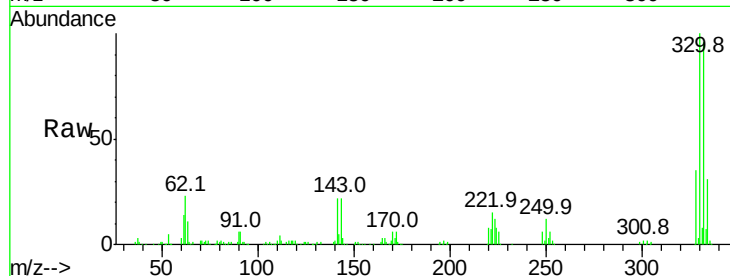




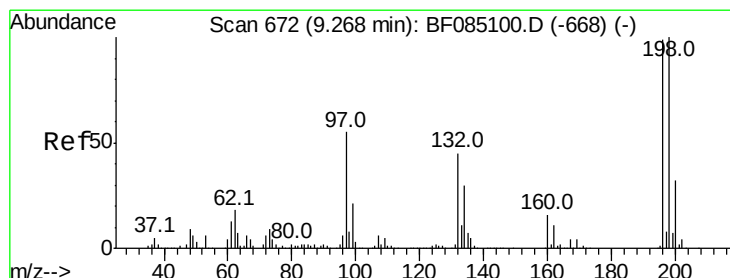
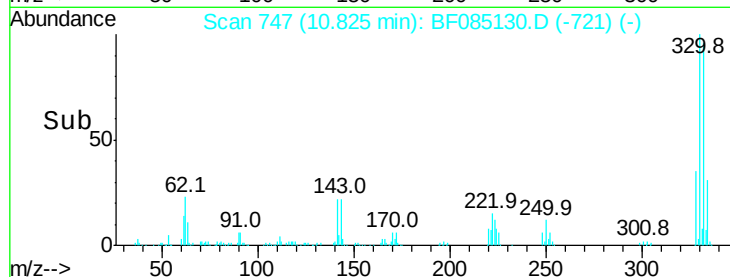
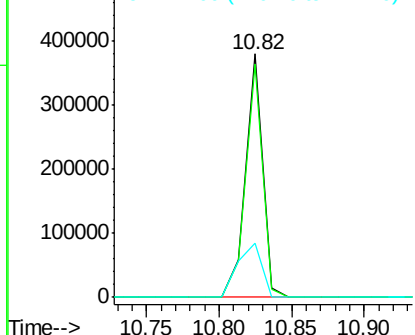
#41
 2,4,6-Tribromophenol
 Concen: 93.31 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 312022
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.9 113.9
 141 31.6 28.9 43.3

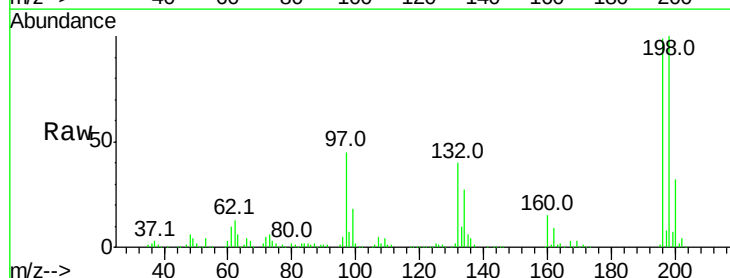


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

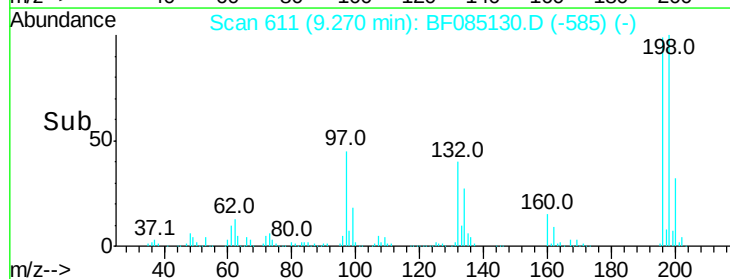
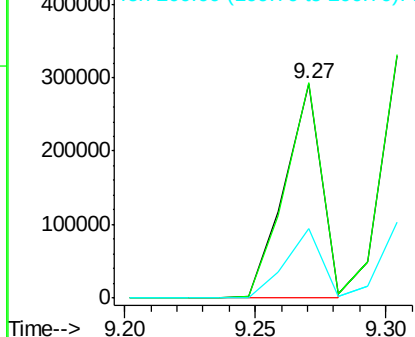


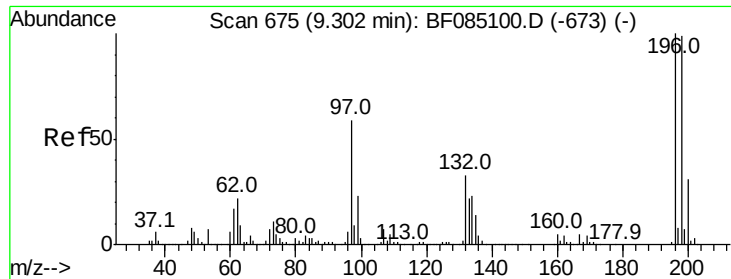
#42
 2,4,6-Trichlorophenol
 Concen: 41.43 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:196 Resp: 285829
 Ion Ratio Lower Upper
 196 100
 198 100.6 80.4 120.6
 200 32.4 25.8 38.8



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

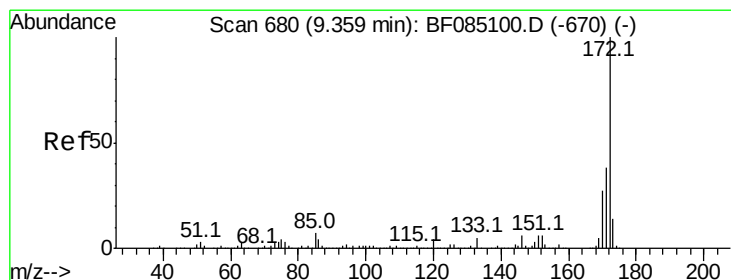
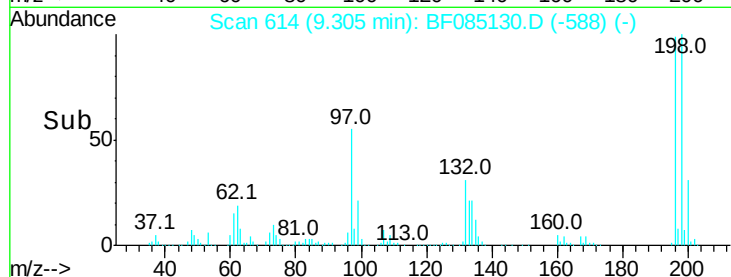
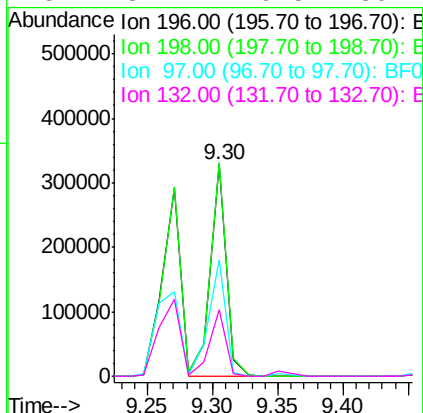
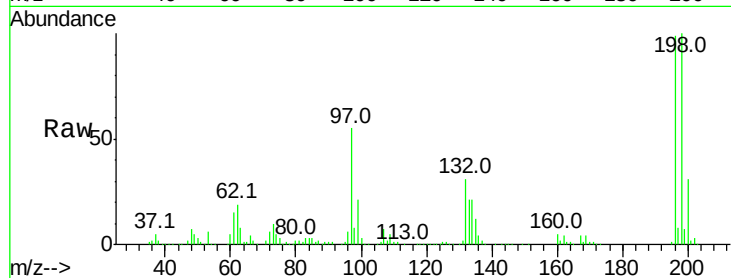




#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

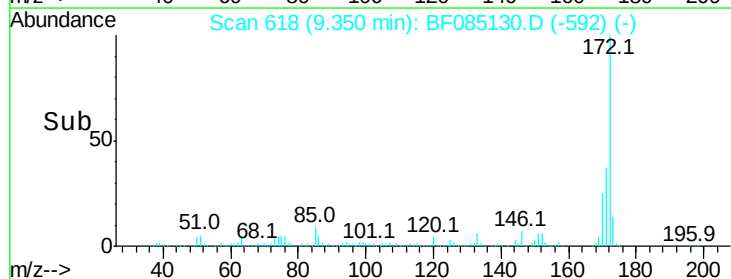
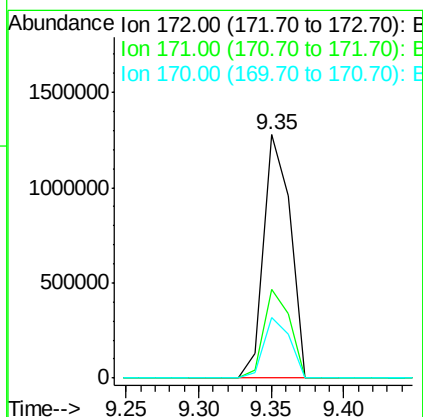
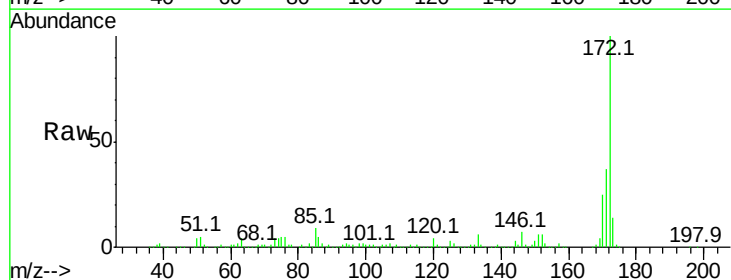
Instrument :
 BNA_F
 ClientSampleId :

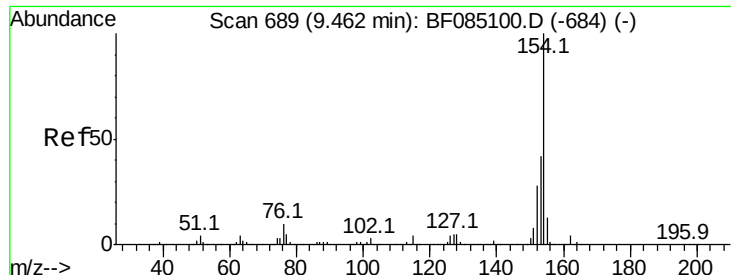
Tot Ion:196	Resp: 279815
Ion Ratio	Lower Upper
196 100	
198 100.7	79.5 119.3
97 54.9	47.3 70.9
132 31.4	26.5 39.7



#44
 2-Fluorobiphenyl
 Concen: 71.80 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion	172	Resp: 1622260	
	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.9	21.2	31.8

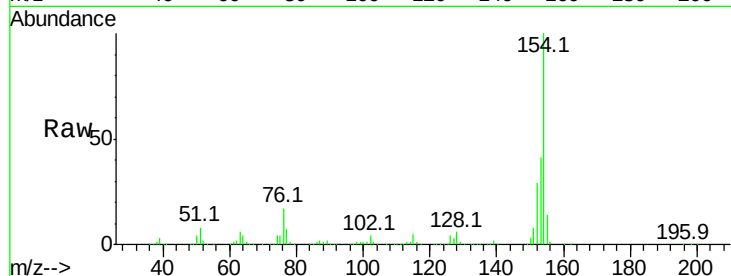




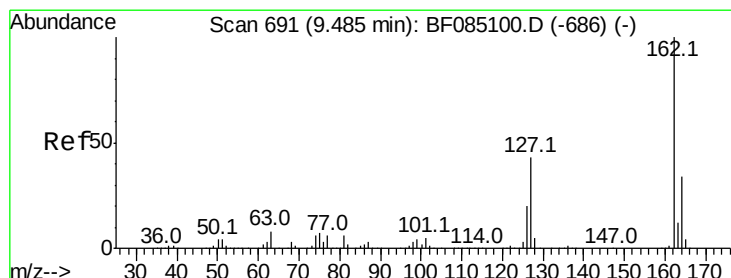
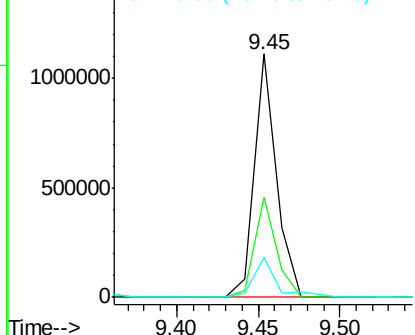
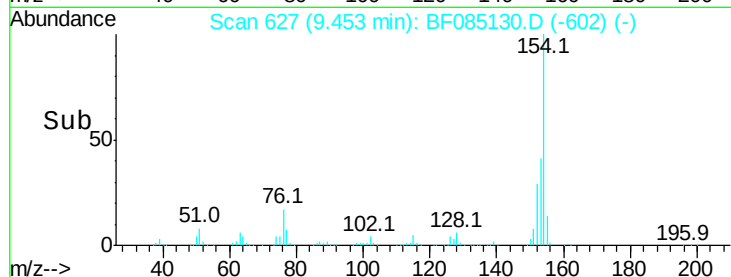
#45
 1,1'-Biphenyl
 Concen: 35.17 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:154 Resp: 1038911
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.5 61.5
 76 16.6 0.0 29.7

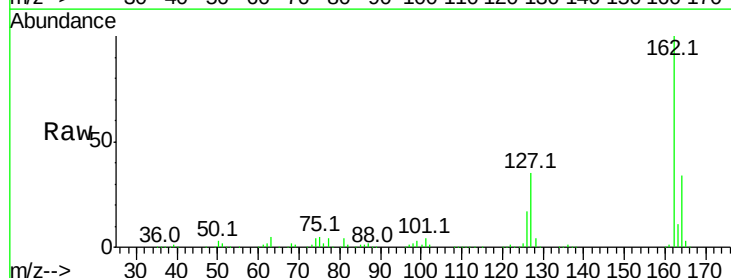


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

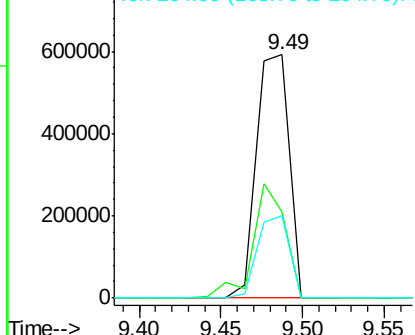
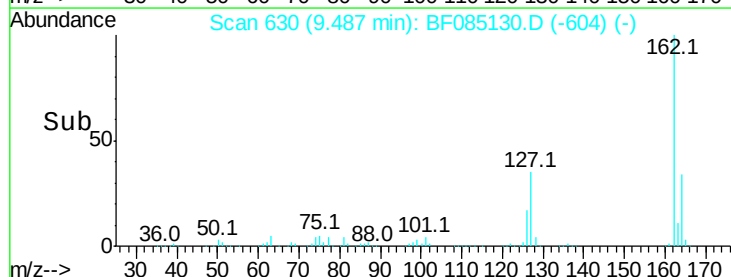


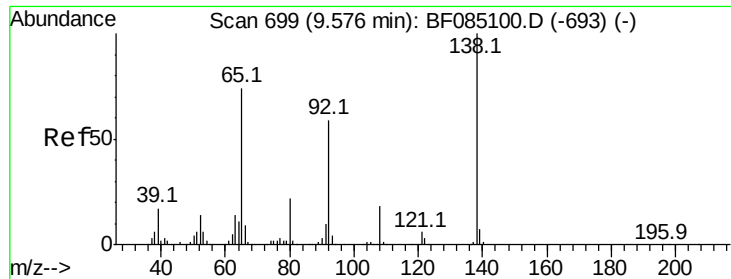
#46
 2-Chloronaphthalene
 Concen: 38.30 ng
 RT: 9.49 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:162 Resp: 825062
 Ion Ratio Lower Upper
 162 100
 127 35.3 34.2 51.4
 164 34.0 27.2 40.8



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

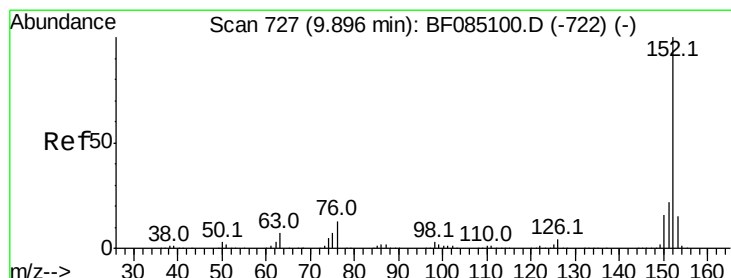
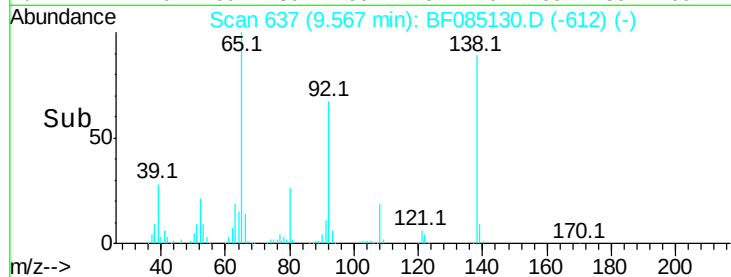
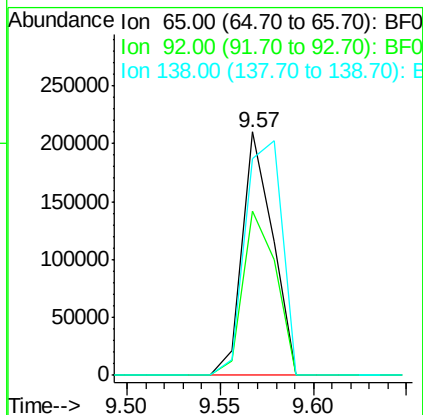
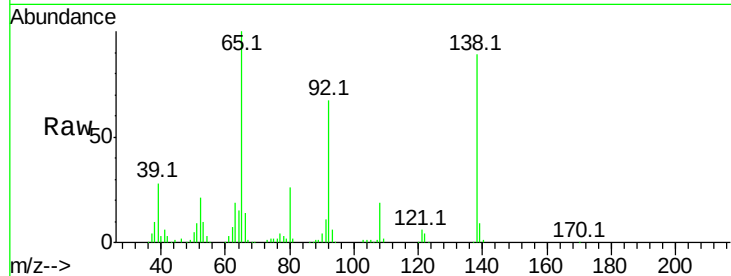




#47
2-Nitroaniline
Concen: 35.24 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

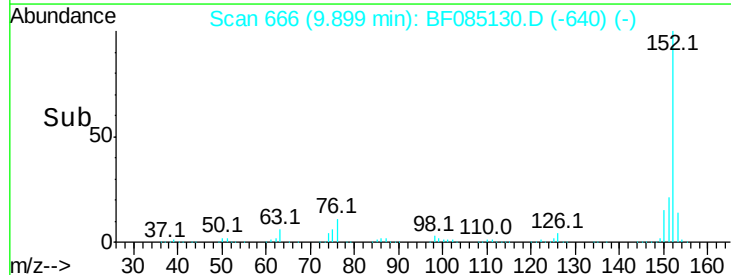
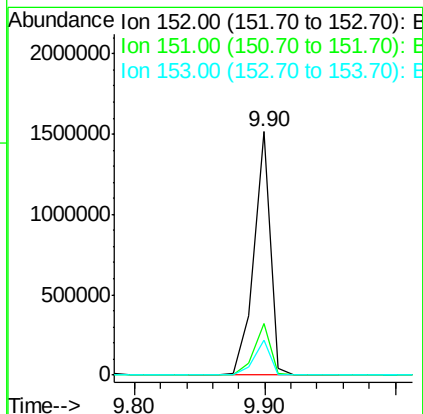
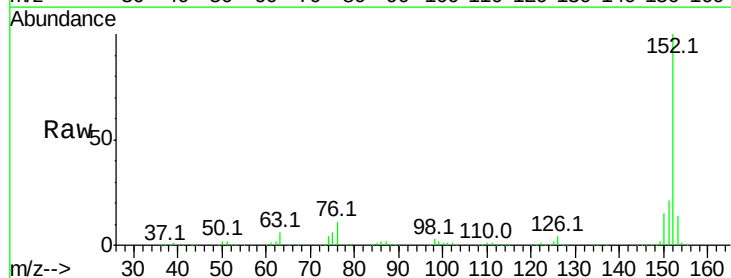
Instrument :
BNA_F
ClientSampleId :

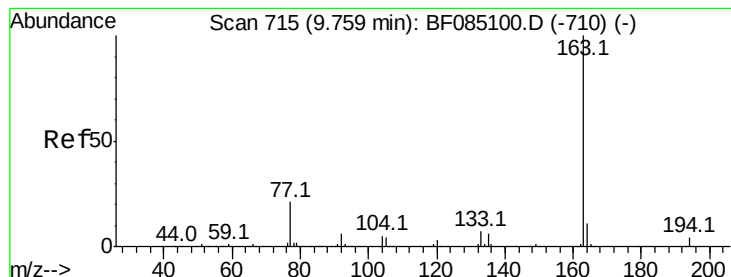
Tot Ion: 65 Resp: 238344
Ion Ratio Lower Upper
65 100
92 67.3 63.8 95.6
138 89.0 108.5 162.7#



#48
Acenaphthylene
Concen: 41.58 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion: 152 Resp: 1331384
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.0
153 14.3 12.0 18.0





#49

Dimethylphthalate

Concen: 37.70 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampled :

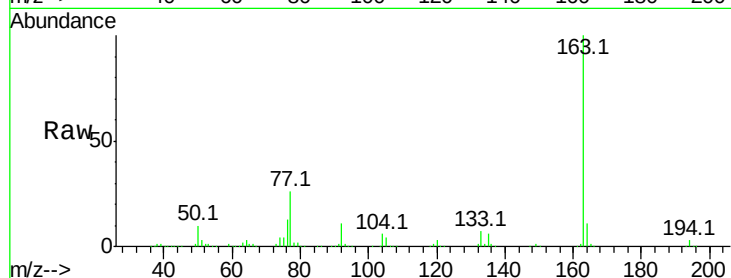
Tot Ion:163 Resp: 930134

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

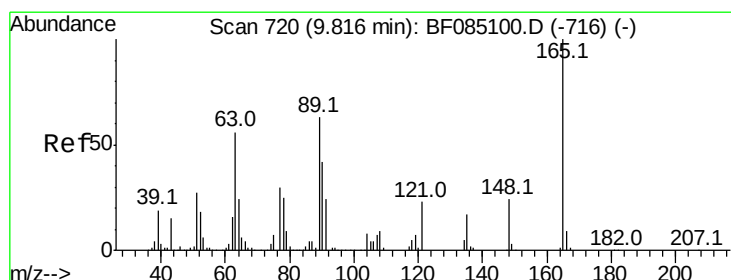
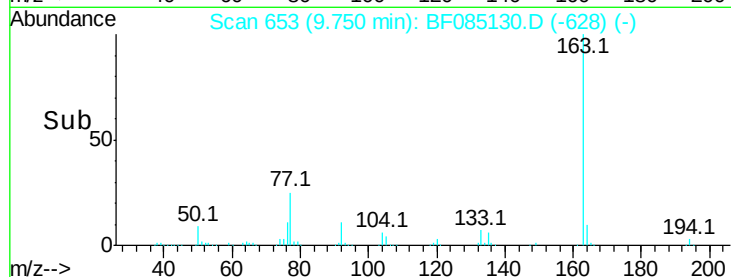
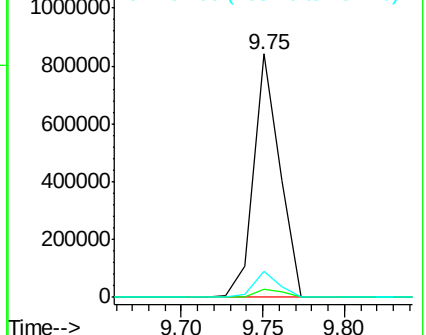
164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.83 ng

RT: 9.82 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

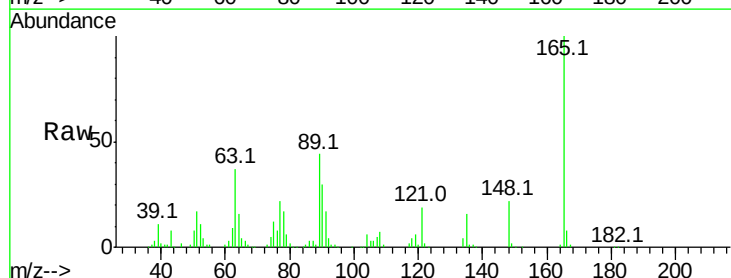
Tgt Ion:165 Resp: 229363

Ion Ratio Lower Upper

165 100

63 37.4 47.4 71.2#

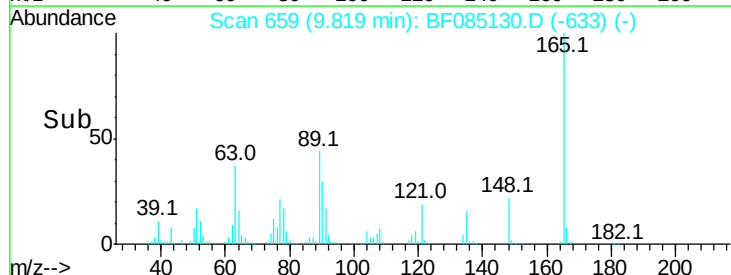
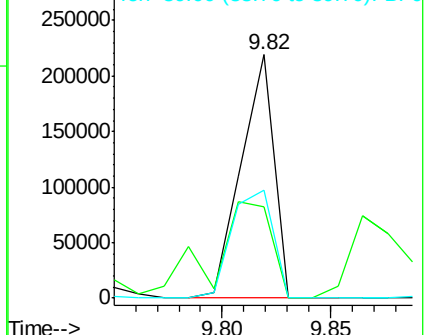
89 44.3 50.2 75.2#

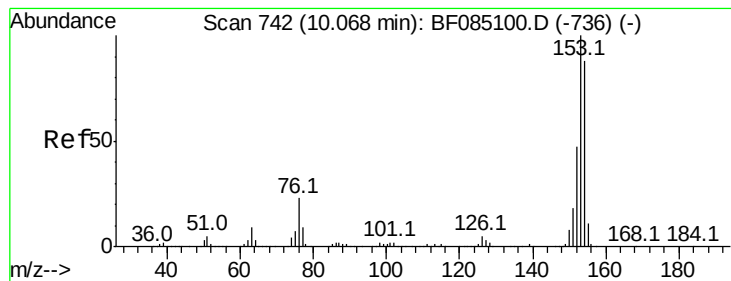


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.39 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

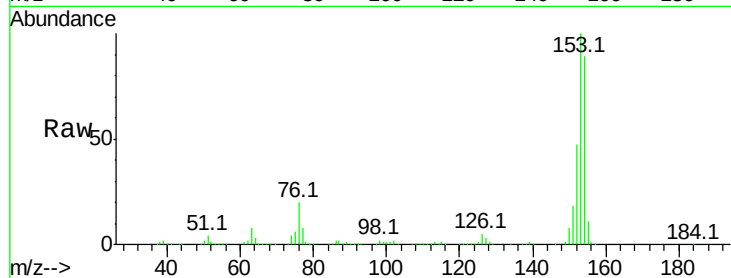
Tot Ion:154 Resp: 831910

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.6

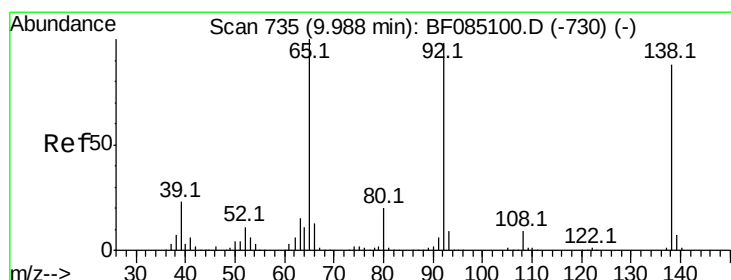
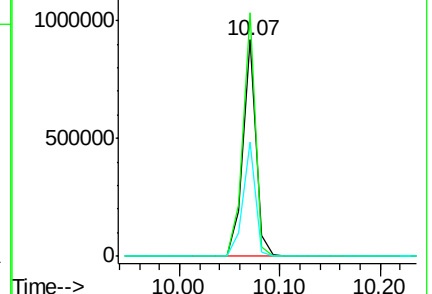
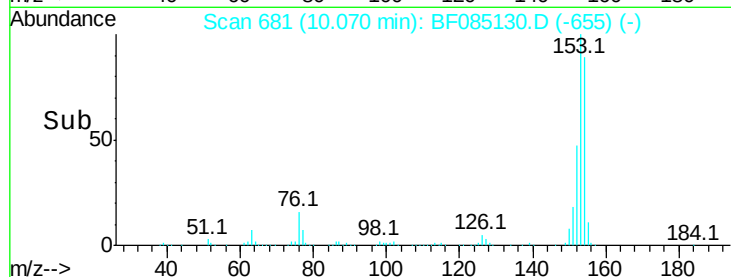
152 52.9 43.0 64.6



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: 36.46 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

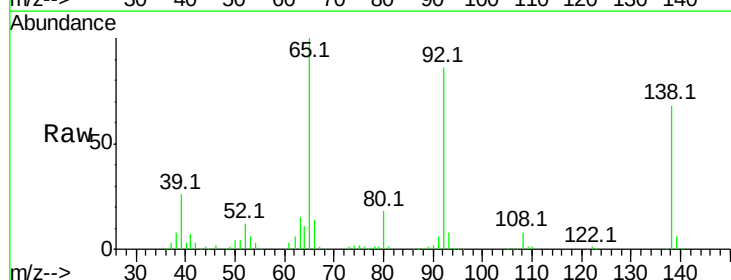
Tgt Ion:138 Resp: 221583

Ion Ratio Lower Upper

138 100

108 11.4 8.2 12.2

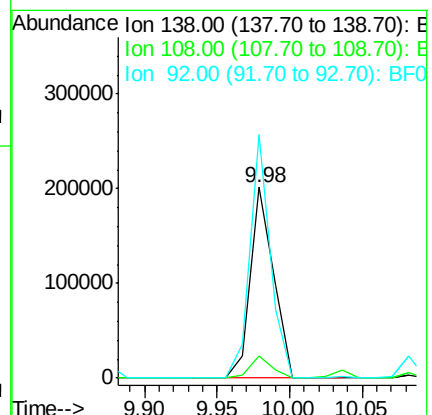
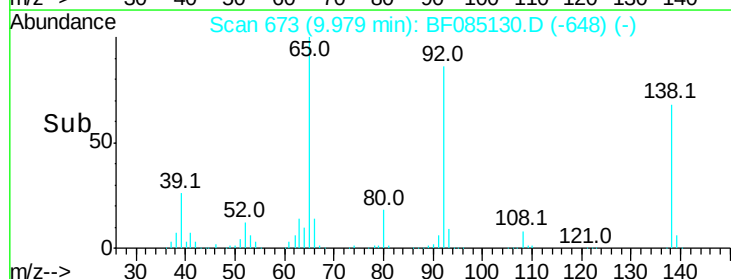
92 127.6 89.0 133.6

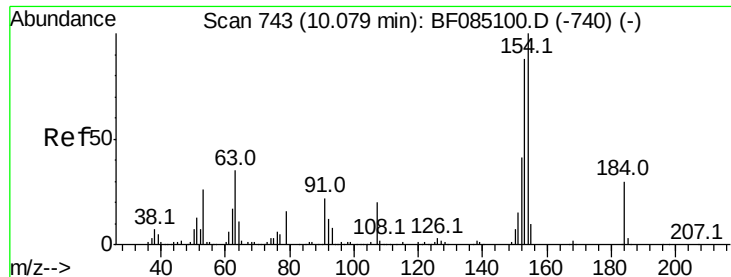


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

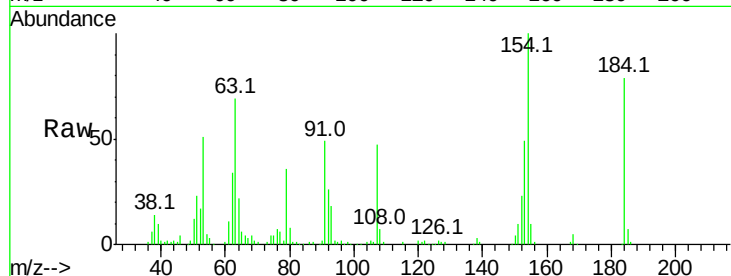




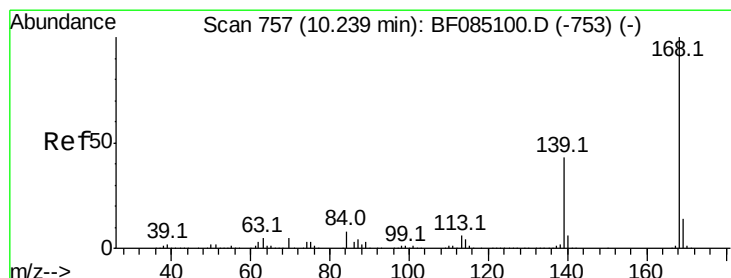
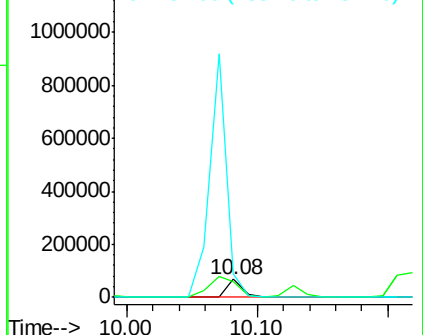
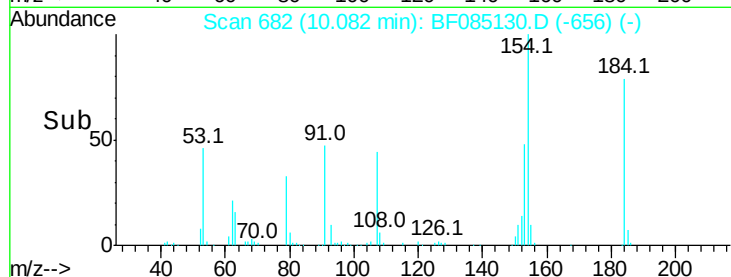
#53
2,4-Dinitrophenol
Concen: 38.07 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 59161
Ion Ratio Lower Upper
184 100
63 87.8 94.0 141.0#
154 126.5 269.8 404.8#

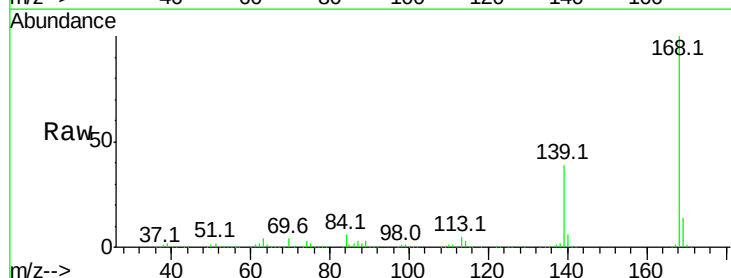


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

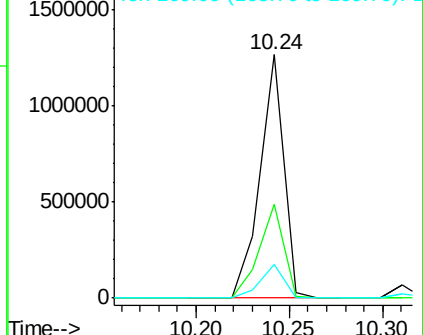
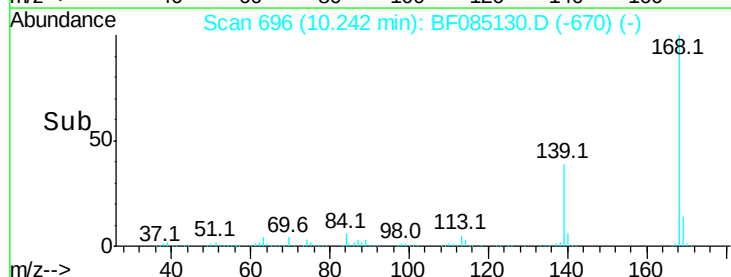


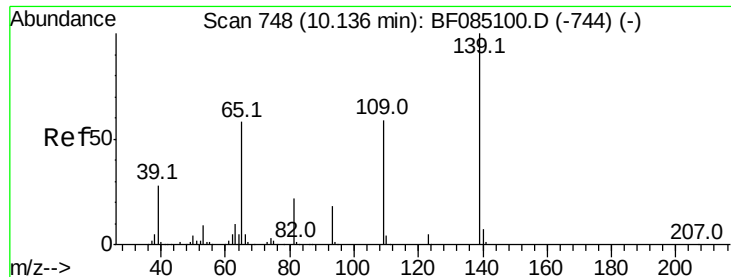
#54
Dibenzofuran
Concen: 42.57 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:168 Resp: 1110855
Ion Ratio Lower Upper
168 100
139 38.8 34.2 51.2
169 13.7 11.4 17.2



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





#55

4-Nitrophenol

Concen: 34.21 ng

RT: 10.13 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

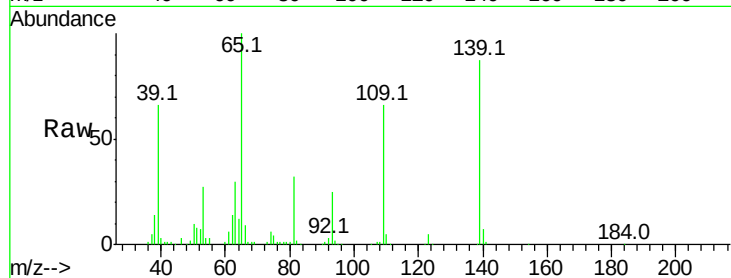
Tot Ion:139 Resp: 159522

Ion Ratio Lower Upper

139 100

109 75.1 39.5 79.5

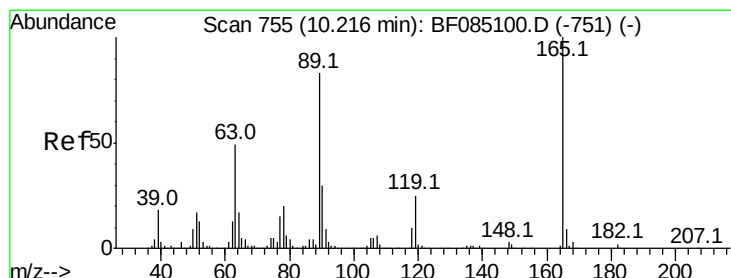
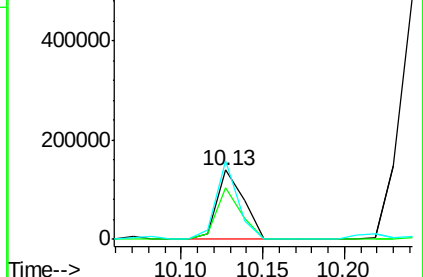
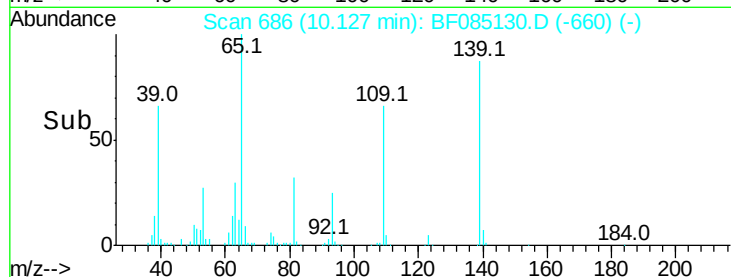
65 114.3 38.4 78.4#



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: 44.41 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Tgt Ion:165 Resp: 306141

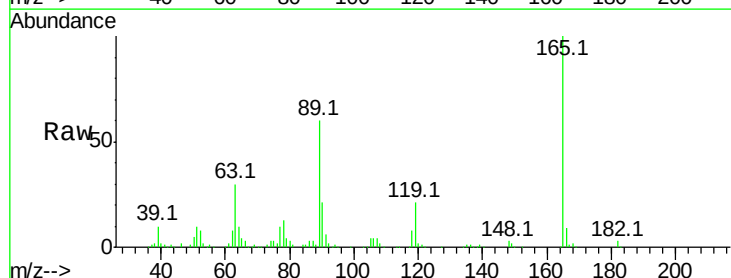
Ion Ratio Lower Upper

165 100

63 30.5 39.2 58.8#

89 60.0 66.2 99.4#

182 2.5 1.8 2.8

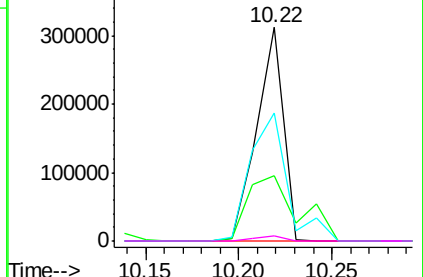
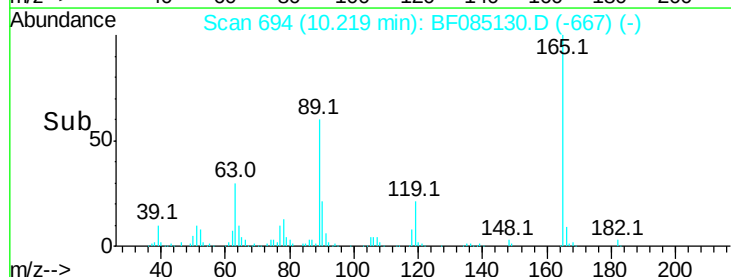


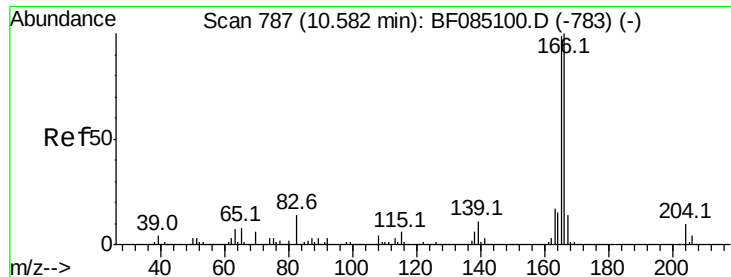
Abundance Ion 165.00 (164.70 to 165.70): E

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

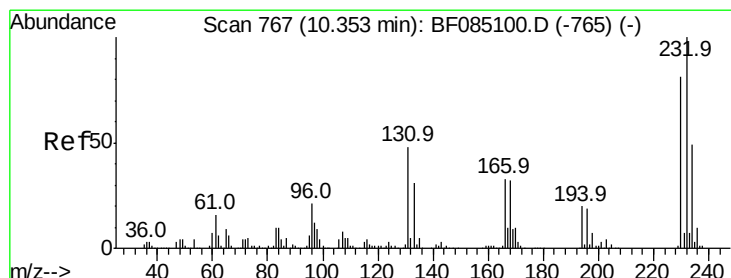
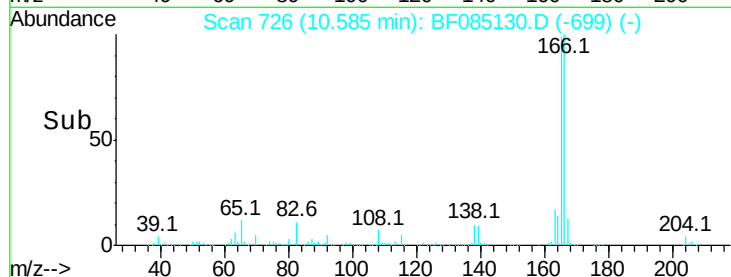
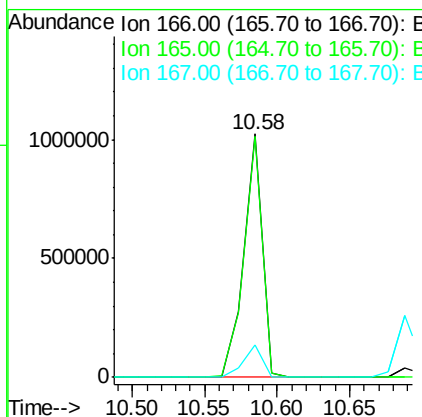
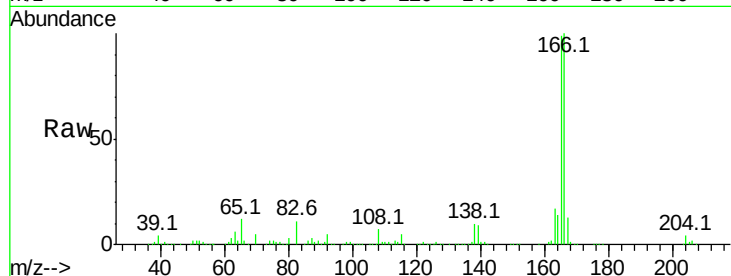




#57
 Fluorene
 Concen: 44.33 ng
 RT: 10.58 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

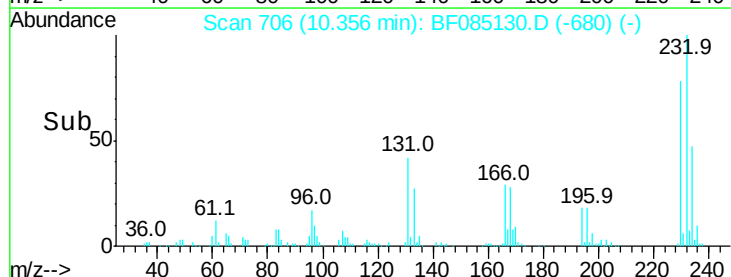
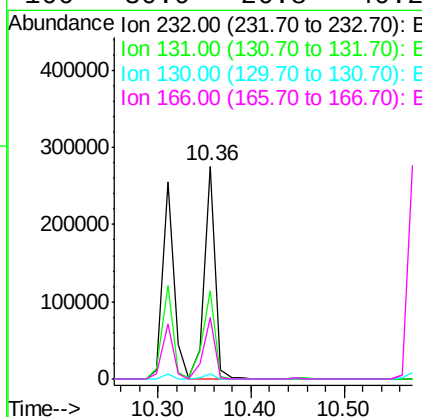
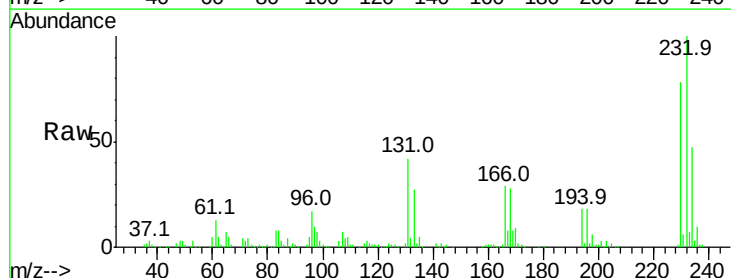
Instrument :
 BNA_F
 ClientSampleId :

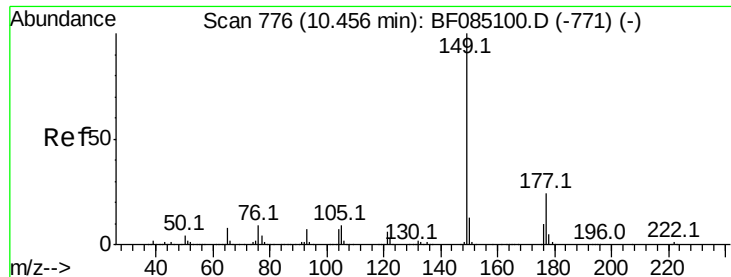
Tot Ion:166 Resp: 909767
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.4 119.2
 167 13.2 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.41 ng
 RT: 10.36 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:232 Resp: 227442
 Ion Ratio Lower Upper
 232 100
 131 47.1 41.6 62.4
 130 2.5 2.1 3.1
 166 30.9 26.8 40.2

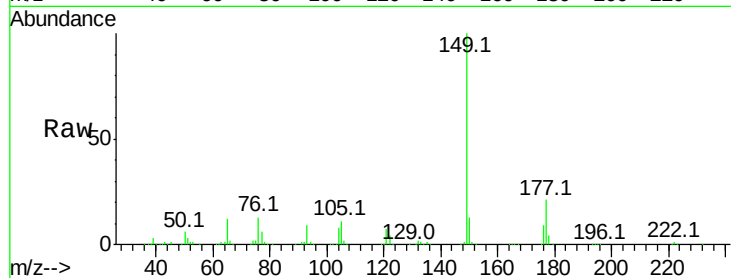




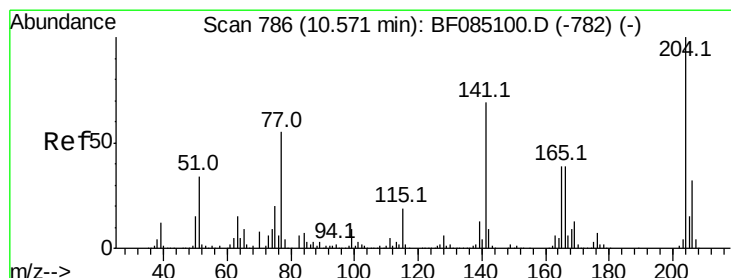
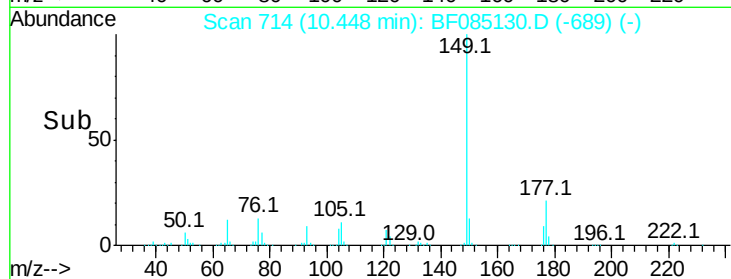
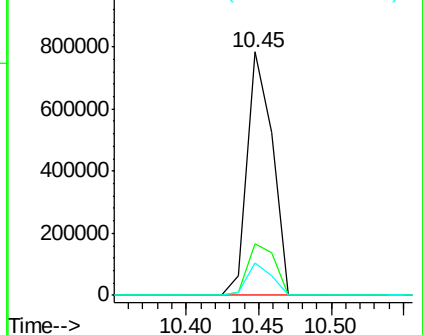
#59
Diethylphthalate
Concen: 39.87 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 942765
Ion Ratio Lower Upper
149 100
177 21.3 19.4 29.2
150 13.2 10.1 15.1

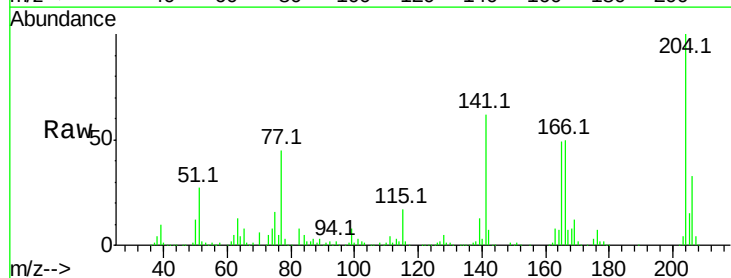


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

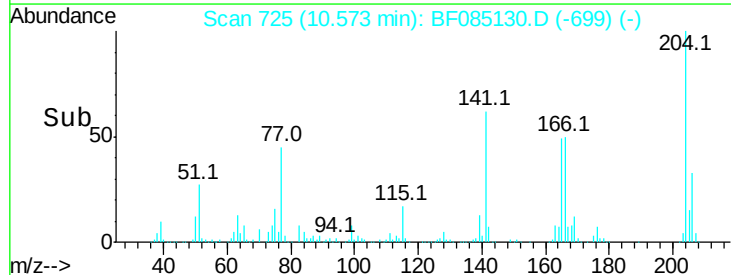
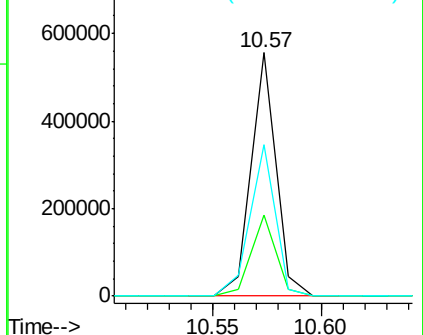


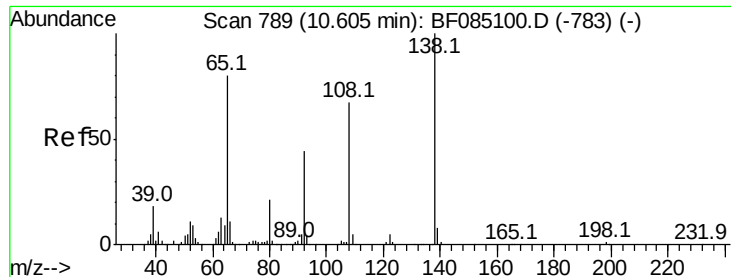
#60
4-Chlorophenyl-phenylether
Concen: 41.90 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:204 Resp: 443193
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 62.3 55.3 82.9



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

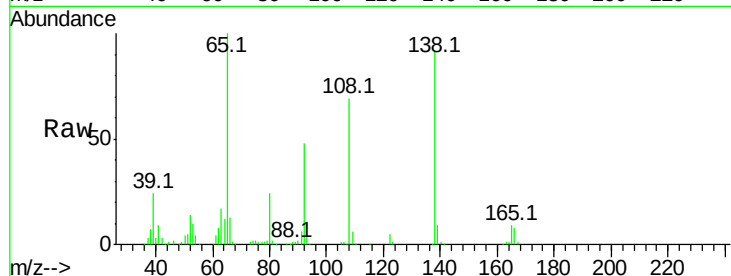




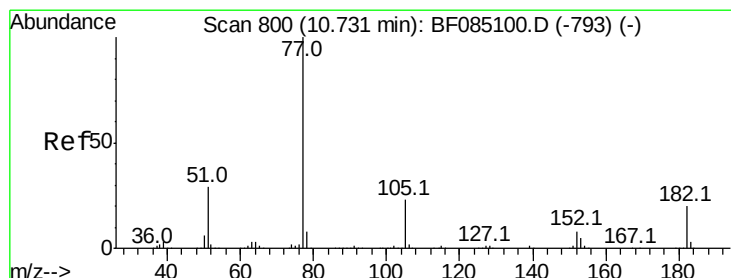
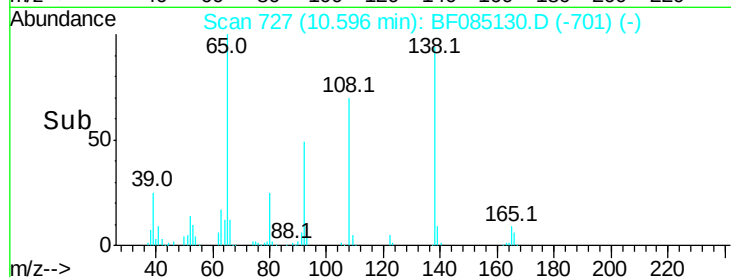
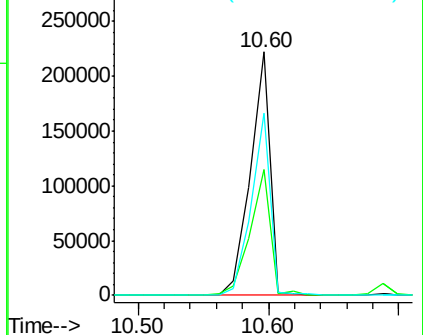
#61
4-Nitroaniline
Concen: 40.97 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 233386
Ion Ratio Lower Upper
138 100
92 51.9 23.5 63.5
108 74.7 46.8 86.8

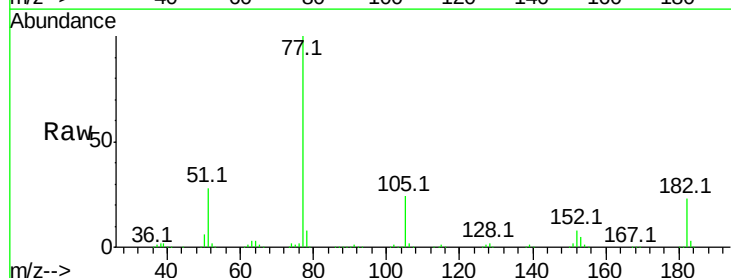


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

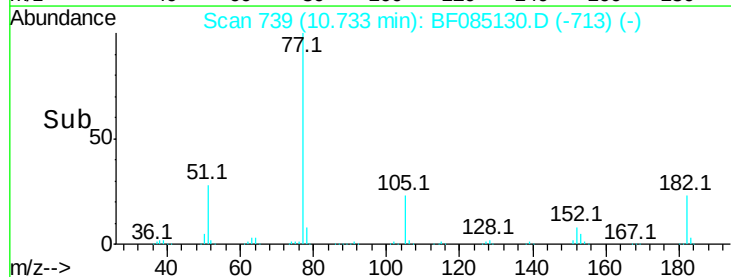
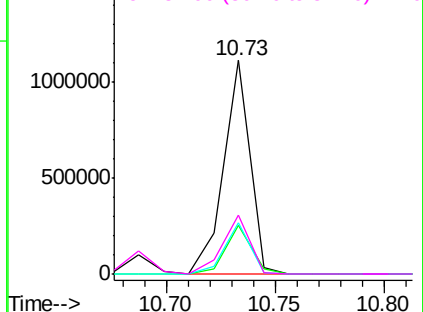


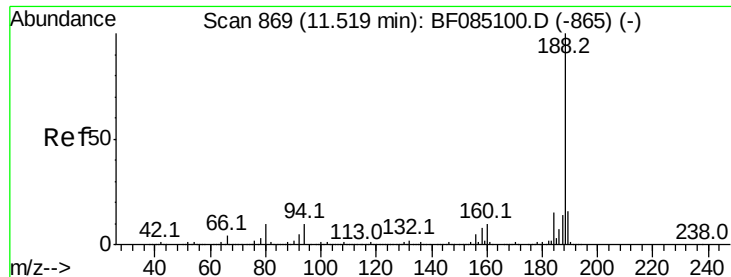
#62
Azobenzene
Concen: 39.05 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion: 77 Resp: 932827
Ion Ratio Lower Upper
77 100
182 23.1 0.0 39.8
105 23.7 2.7 42.7
51 27.8 9.4 49.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

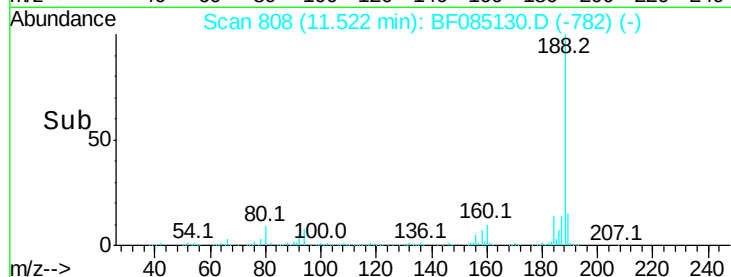
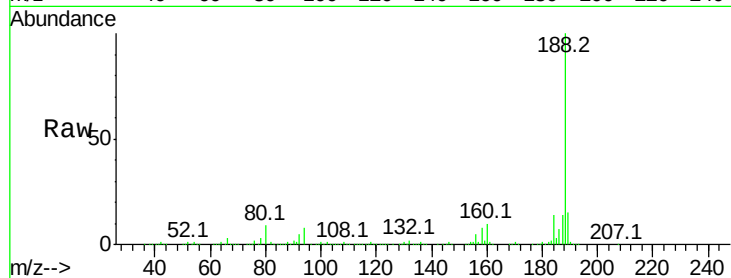
Tot Ion:188 Resp: 588859

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

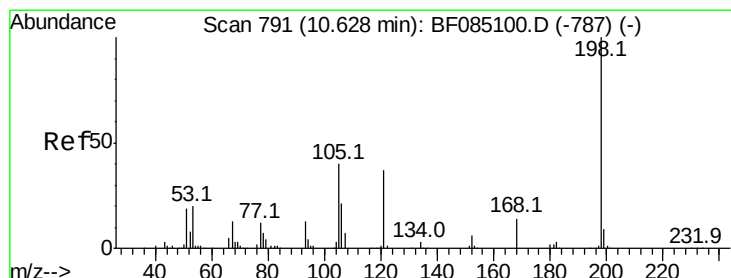
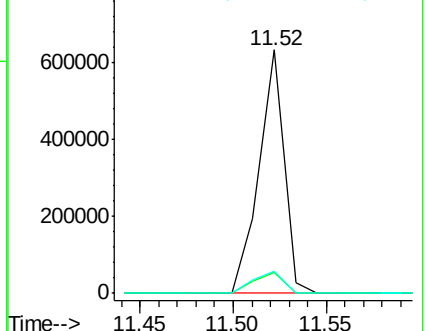
80 9.1 8.2 12.4



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: 32.69 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

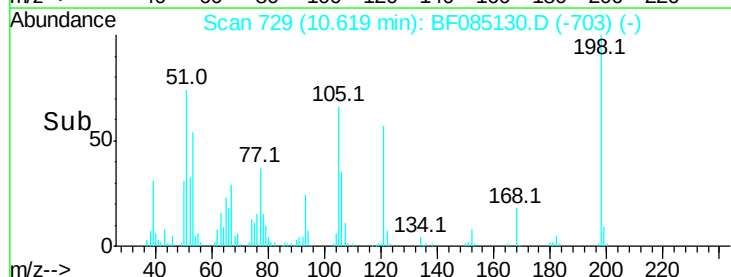
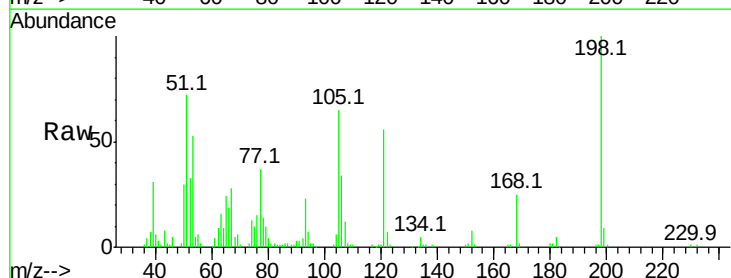
Tgt Ion:198 Resp: 106105

Ion Ratio Lower Upper

198 100

51 72.3 12.5 52.5#

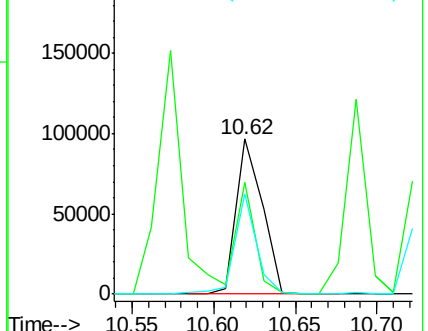
105 64.6 20.2 60.2#

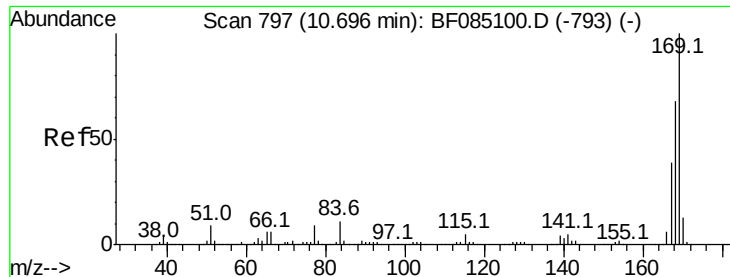


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

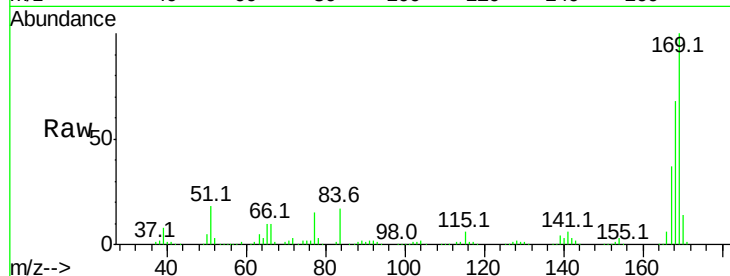




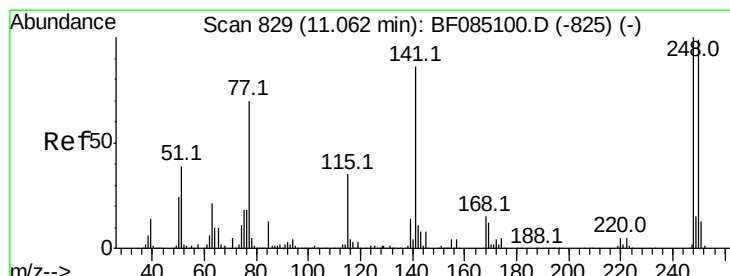
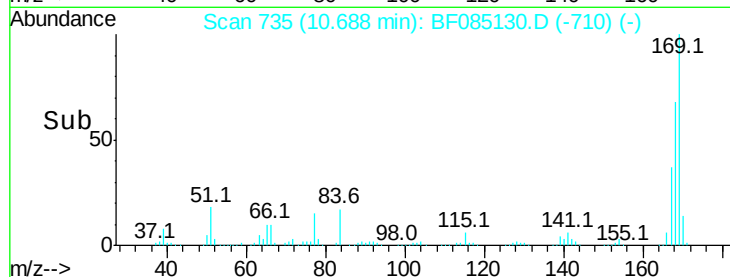
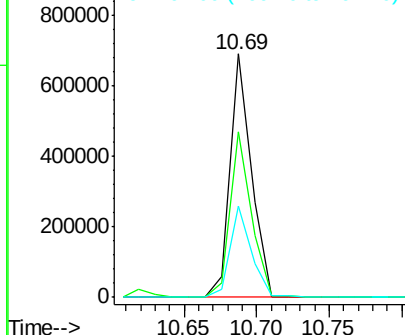
#65
 n-Nitrosodiphenylamine
 Concen: 37.78 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 701127
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.6 81.8
 167 37.5 30.8 46.2

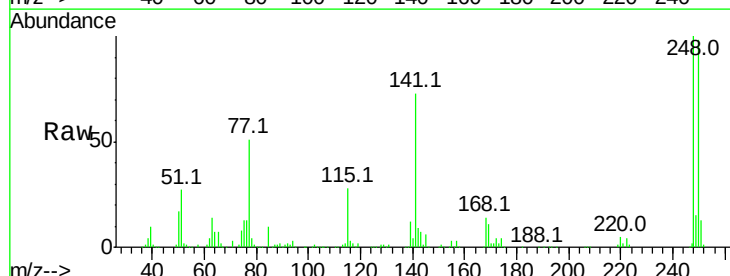


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

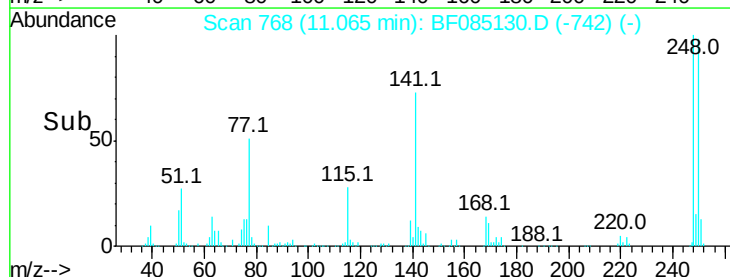
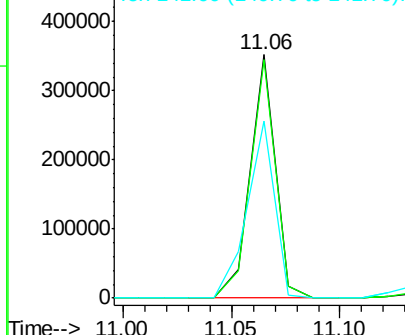


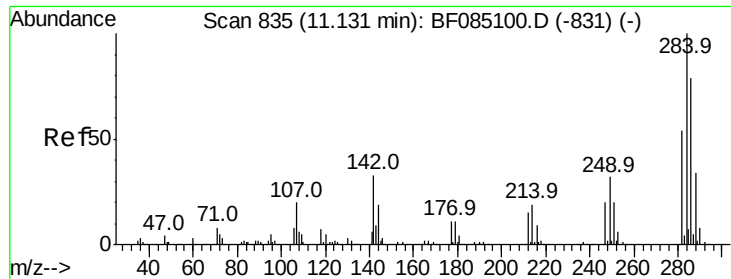
#66
 4-Bromophenyl-phenylether
 Concen: 45.39 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:248 Resp: 280654
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.0 118.4
 141 72.7 68.6 103.0



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

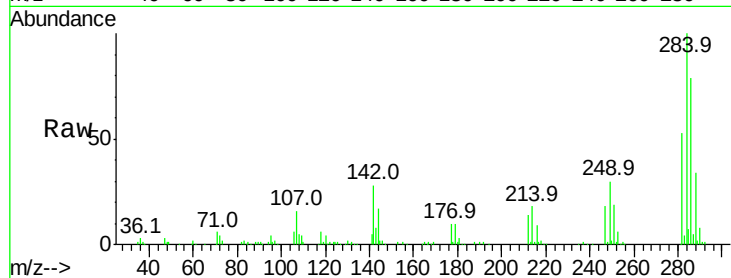




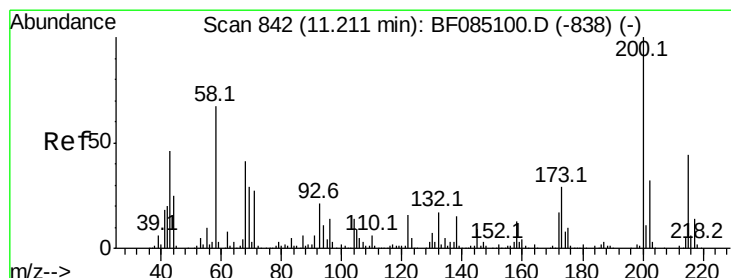
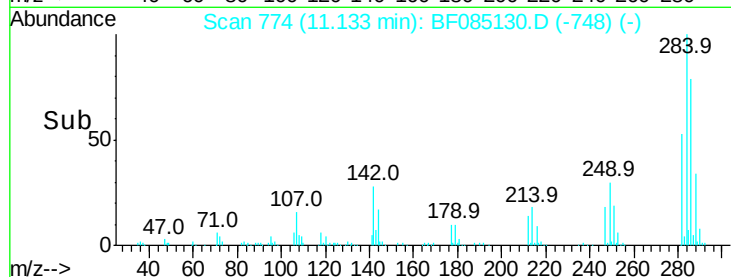
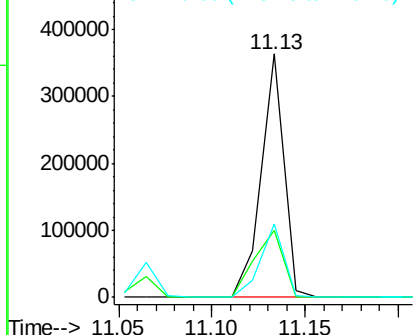
#67
Hexachlorobenzene
Concen: 43.51 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 303704
Ion Ratio Lower Upper
284 100
142 27.8 26.3 39.5
249 29.9 25.8 38.6

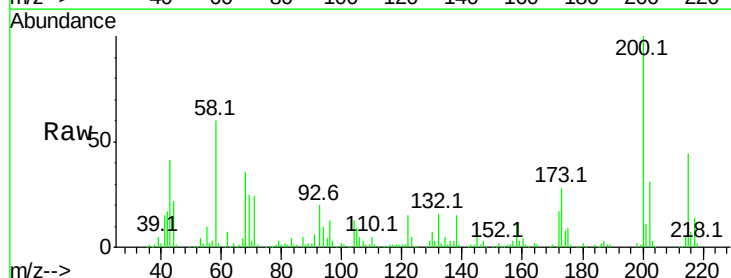


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

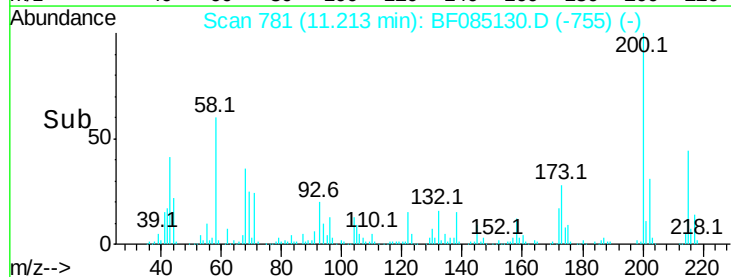
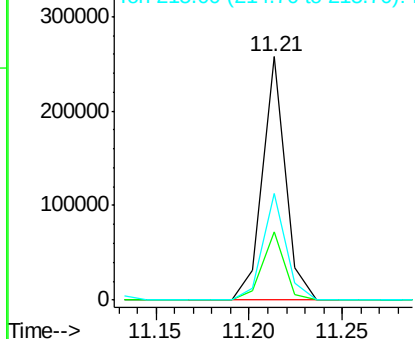


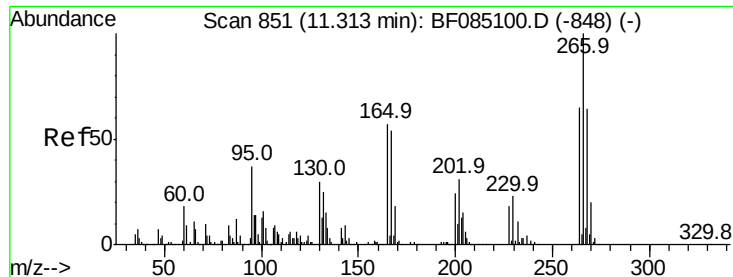
#68
Atrazine
Concen: 39.13 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:200 Resp: 221553
Ion Ratio Lower Upper
200 100
173 28.3 9.4 49.4
215 43.7 23.6 63.6



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

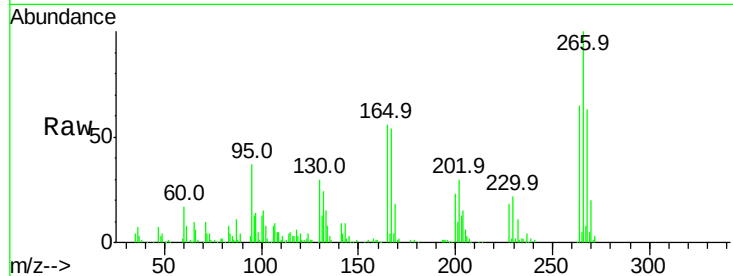




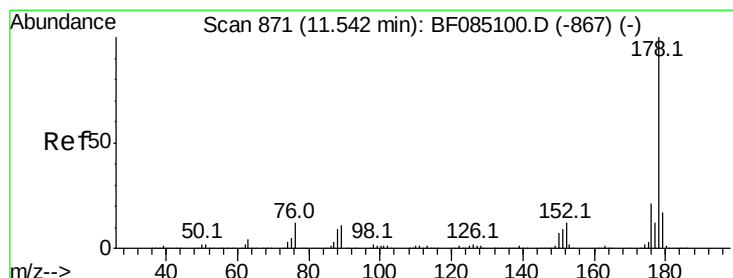
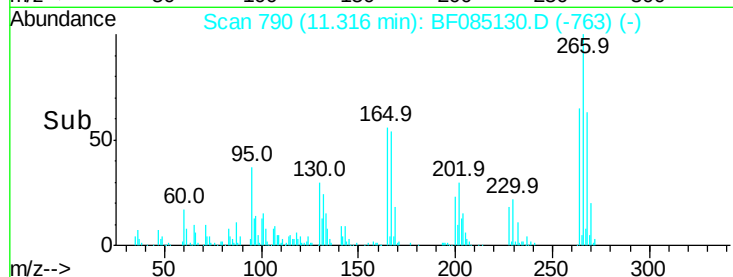
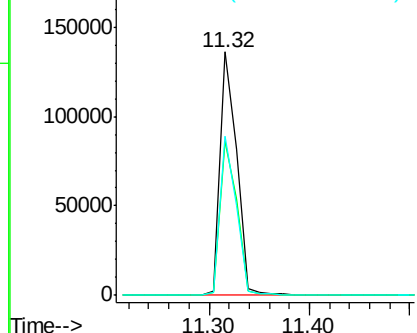
#69
 Pentachlorophenol
 Concen: 38.31 ng
 RT: 11.32 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 156914
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.6
 264 65.3 52.3 78.5

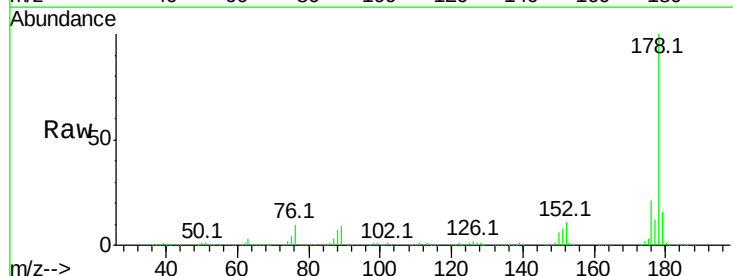


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

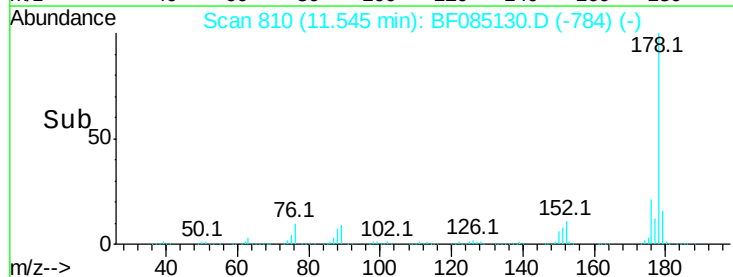
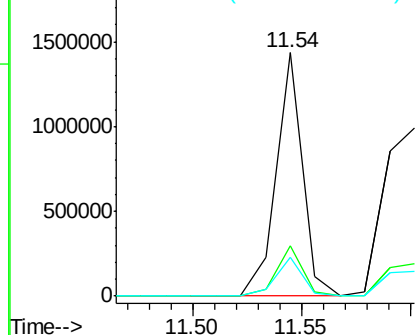


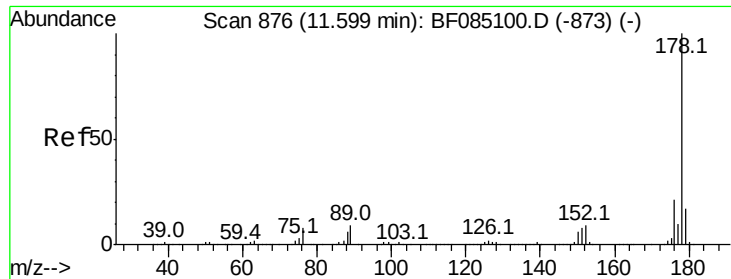
#70
 Phenanthrene
 Concen: 41.69 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:178 Resp: 1221048
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.6
 179 16.0 13.3 19.9



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

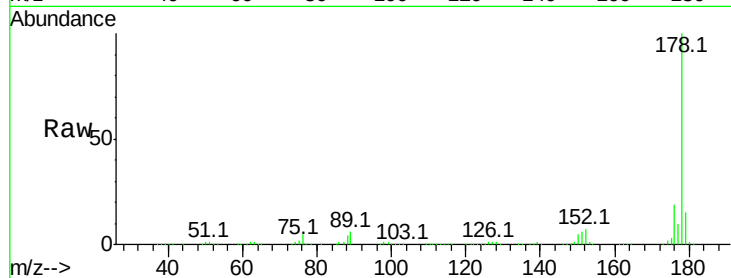




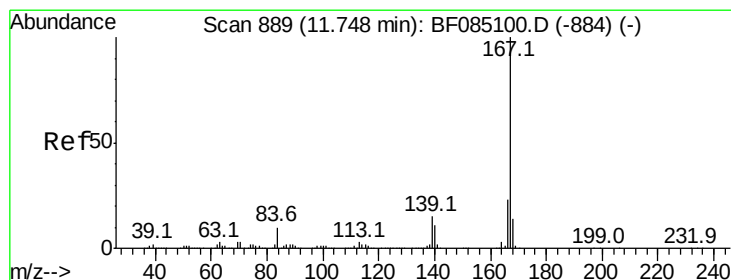
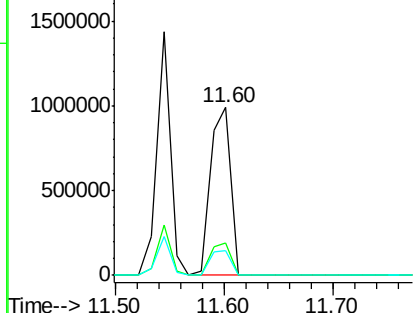
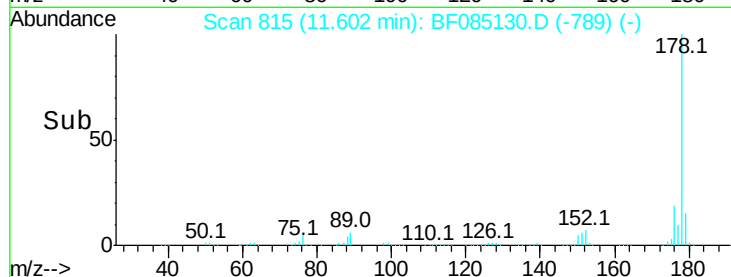
#71
 Anthracene
 Concen: 39.16 ng
 RT: 11.60 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1288105
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.6 25.0
 179 15.0 13.2 19.8

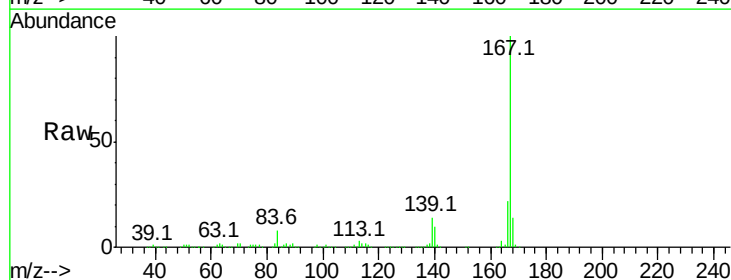


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

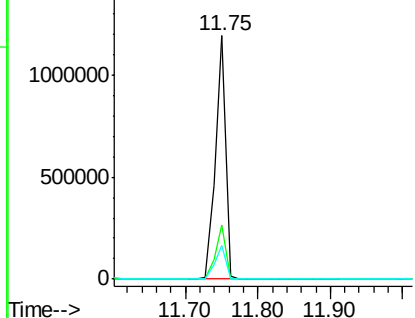
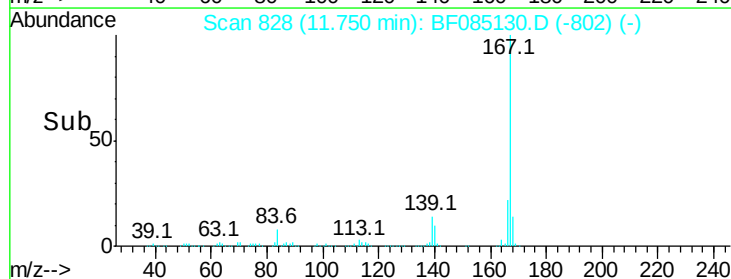


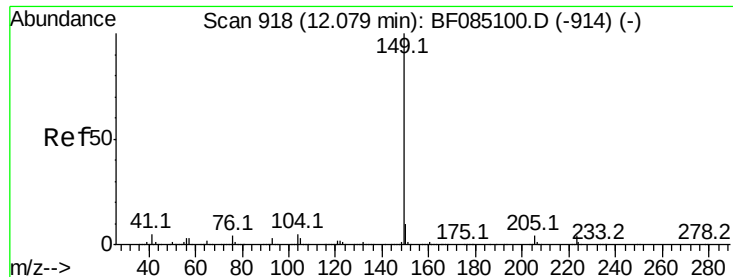
#72
 Carbazole
 Concen: 40.20 ng
 RT: 11.75 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:167 Resp: 1150824
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.6 28.0
 139 13.6 11.8 17.8



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: 42.18 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

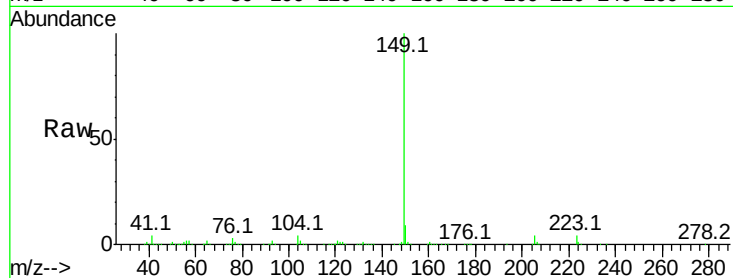
Tot Ion:149 Resp: 1437231

Ion Ratio Lower Upper

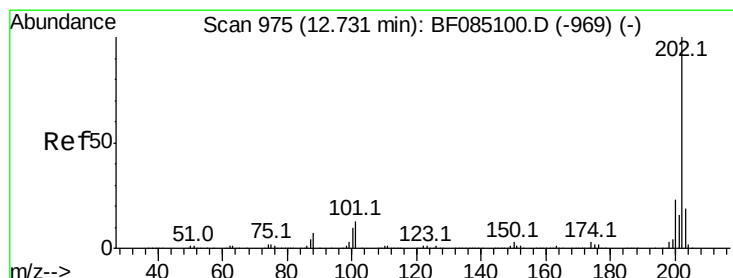
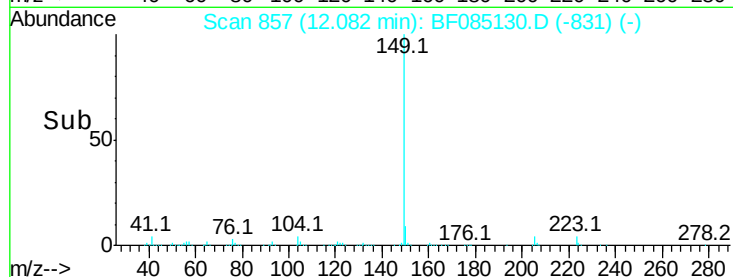
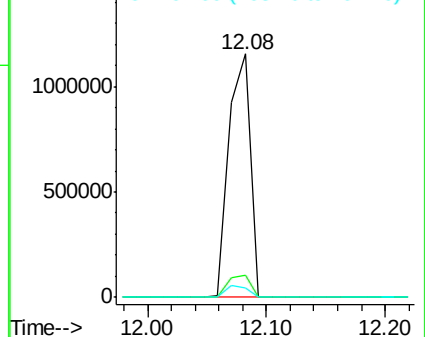
149 100

150 9.1 7.7 11.5

104 4.0 3.7 5.5



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: 37.64 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

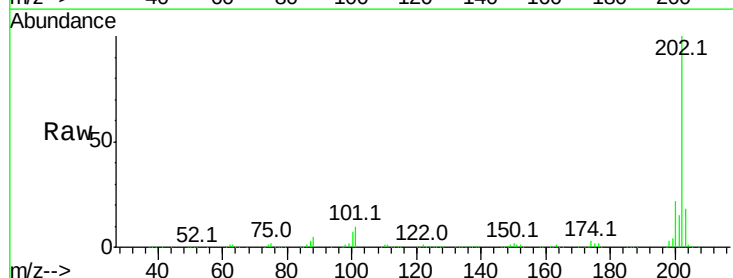
Tgt Ion:202 Resp: 1210112

Ion Ratio Lower Upper

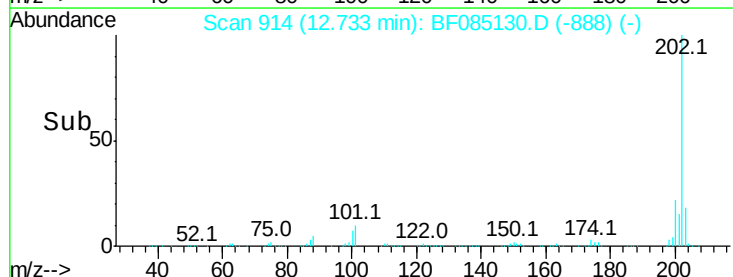
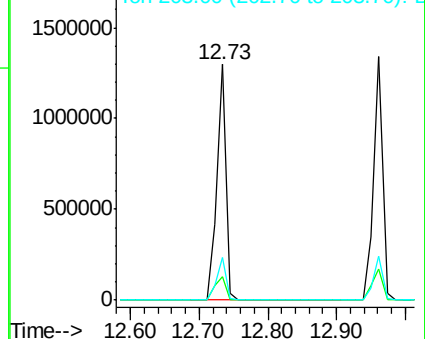
202 100

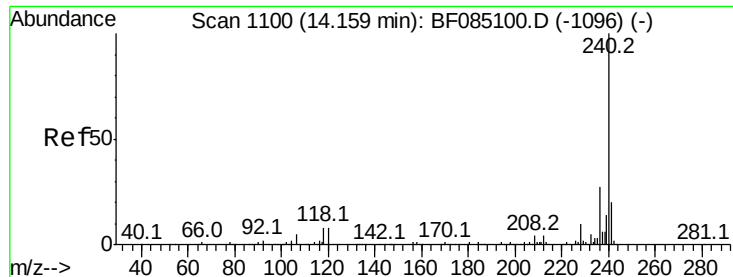
101 10.0 0.0 33.2

203 18.0 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

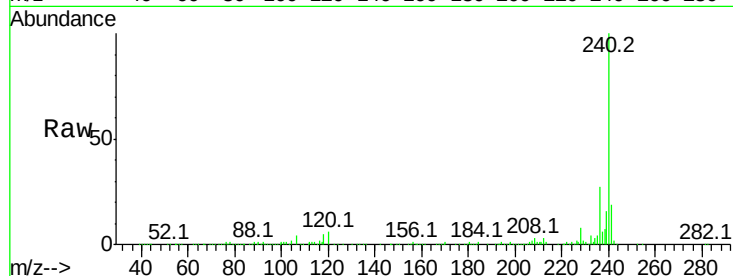
Tot Ion:240 Resp: 356052

Ion Ratio Lower Upper

240 100

120 6.2 6.7 10.1#

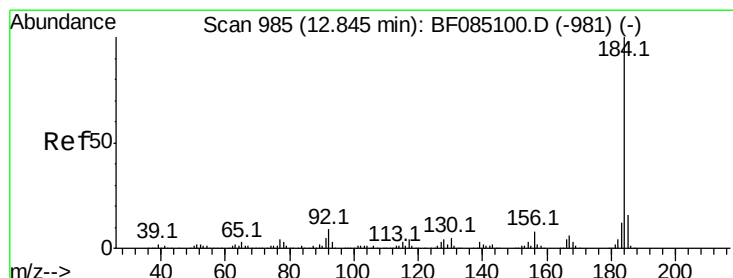
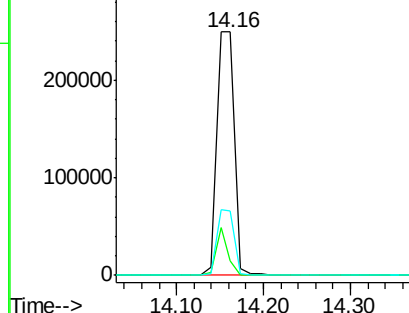
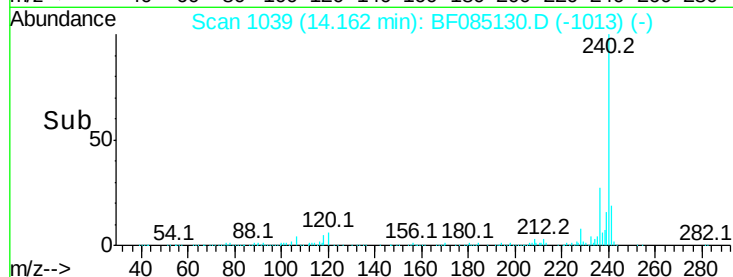
236 26.7 21.6 32.4



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: 48.35 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

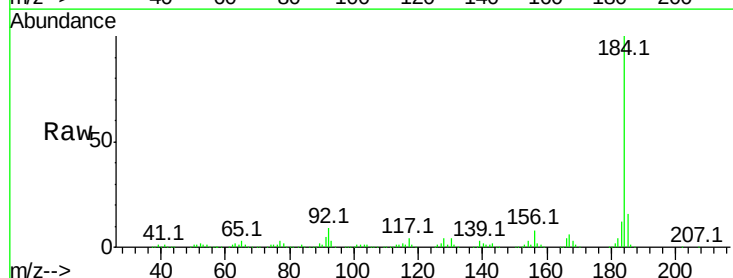
Tgt Ion:184 Resp: 520447

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

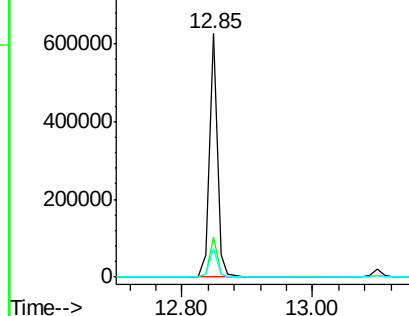
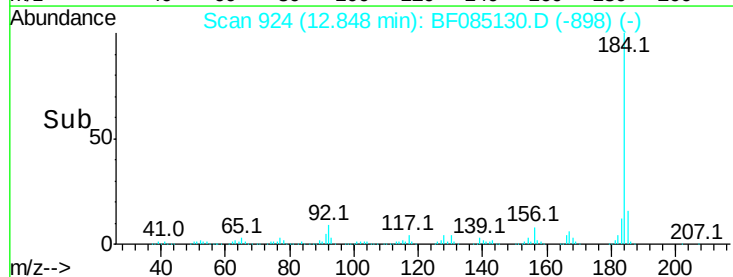
183 11.6 9.5 14.3

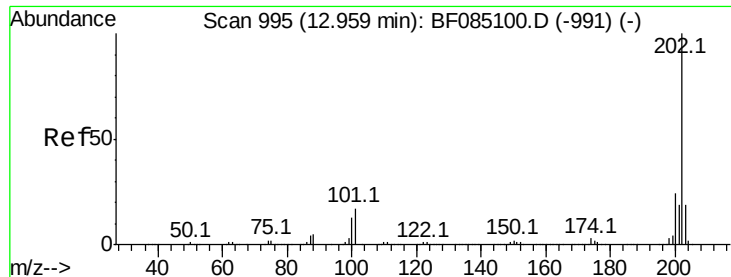


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

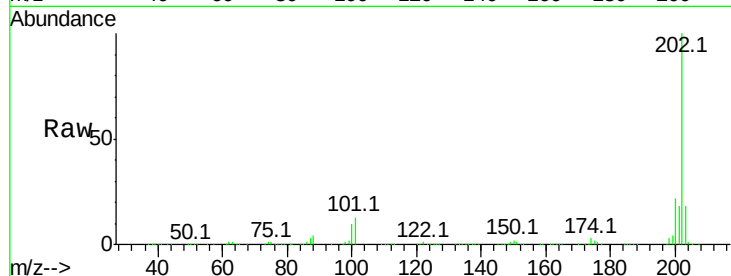




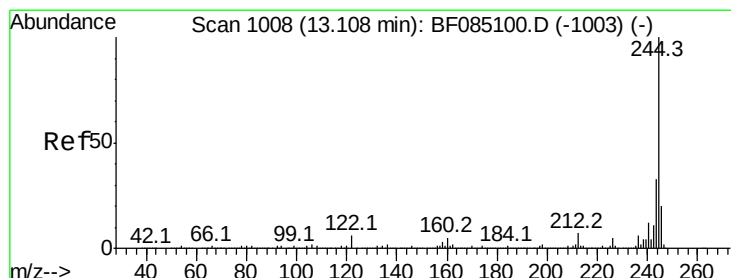
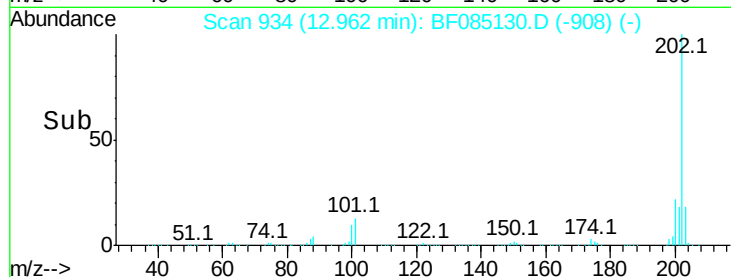
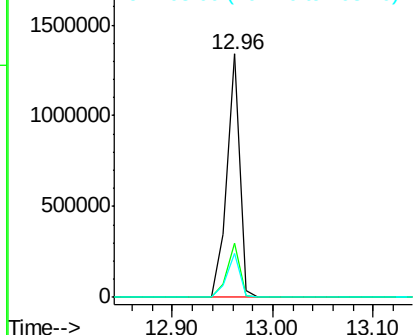
#77
 Pvrene
 Concen: 49.14 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1194474
 Ion Ratio Lower Upper
 202 100
 200 22.2 19.0 28.6
 203 17.8 15.0 22.6

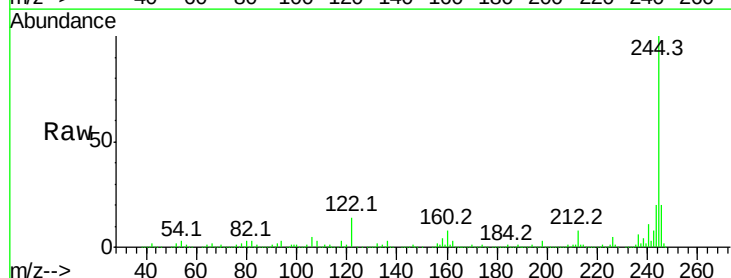


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

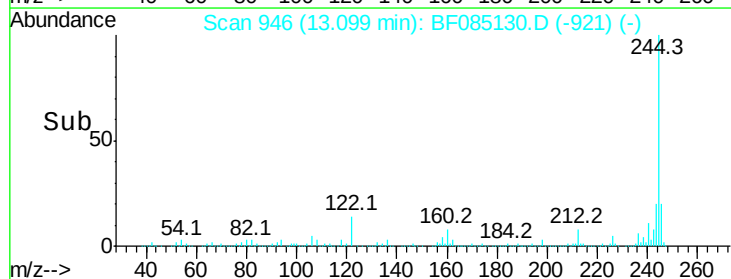
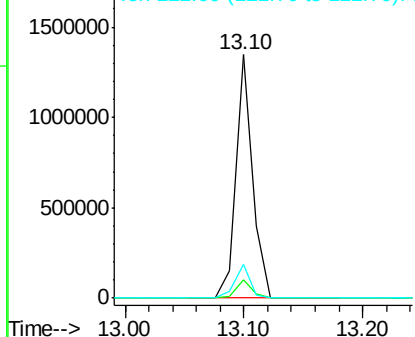


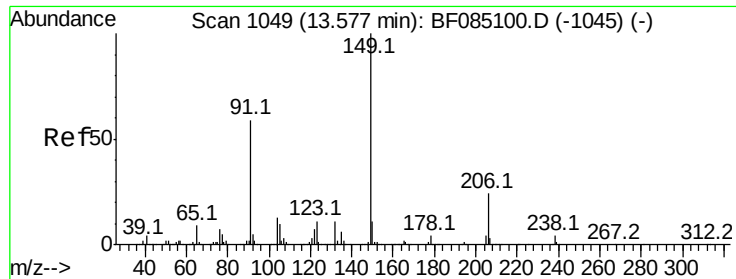
#78
 Terphenyl-d14
 Concen: 86.30 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion:244 Resp: 1309882
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 14.0 5.1 7.7#



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

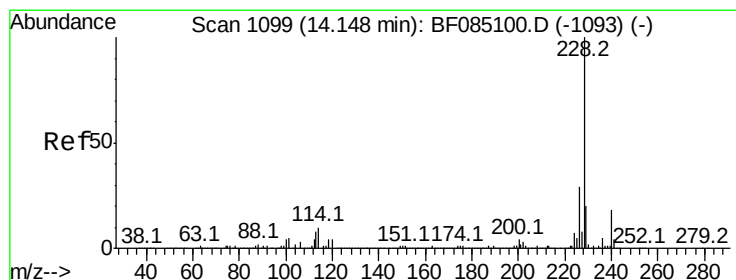
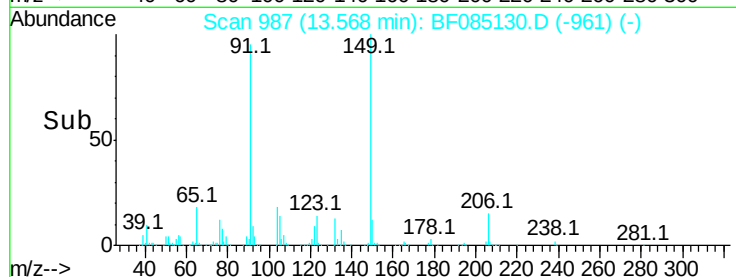
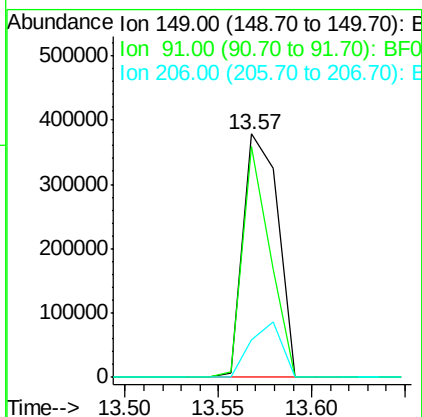
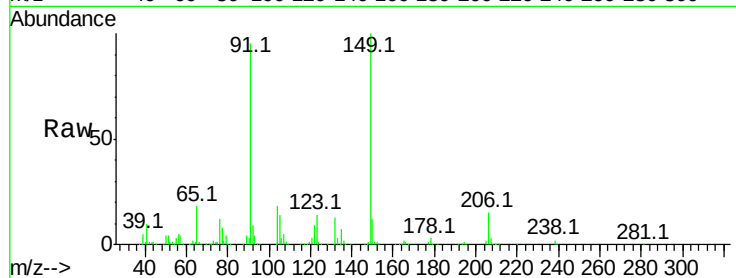




#79
Butylbenzylphthalate
Concen: 47.36 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

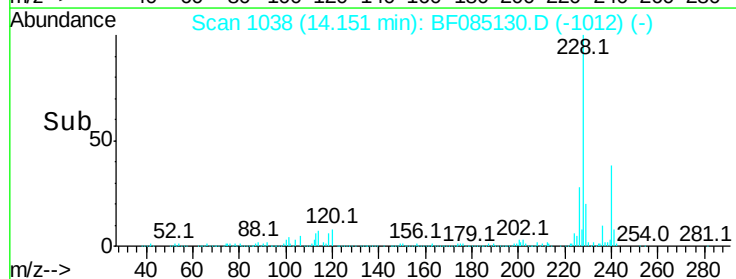
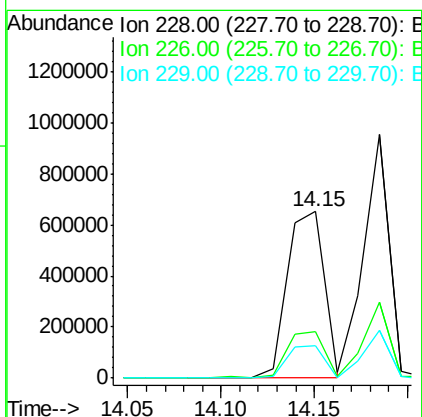
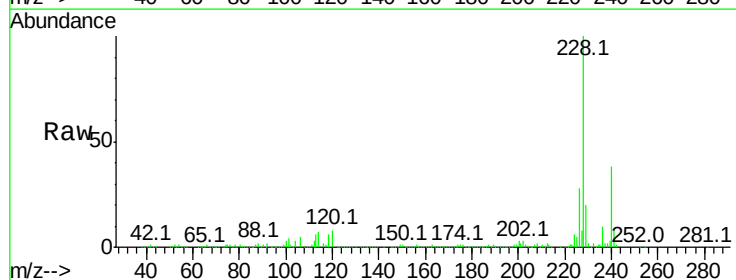
Instrument :
BNA_F
ClientSampleId :

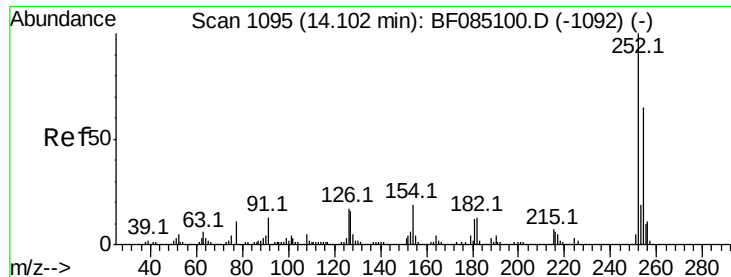
Tot Ion	Ratio	Lower	Upper
149	100		
91	94.8	46.9	70.3#
206	15.5	19.0	28.6#



#80
Benzo(a)anthracene
Concen: 43.62 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	19.6	16.1	24.1





#81

3,3'-Dichlorobenzidine

Concen: 51.19 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampled :

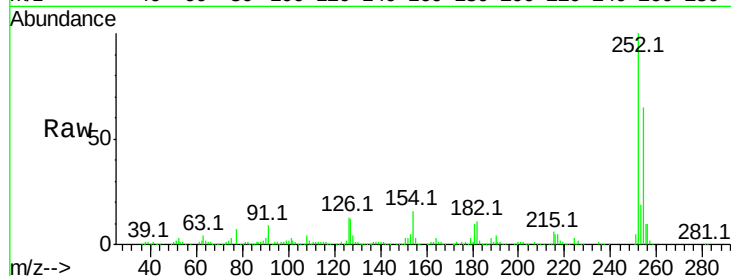
Tot Ion:252 Resp: 330760

Ion Ratio Lower Upper

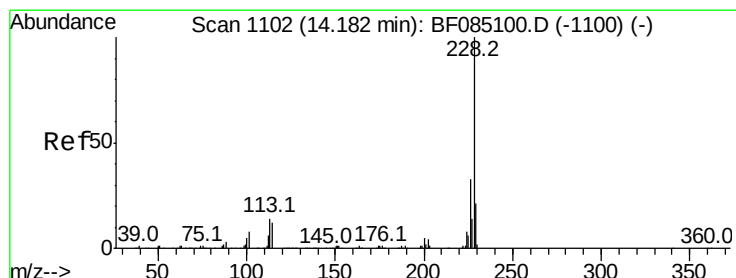
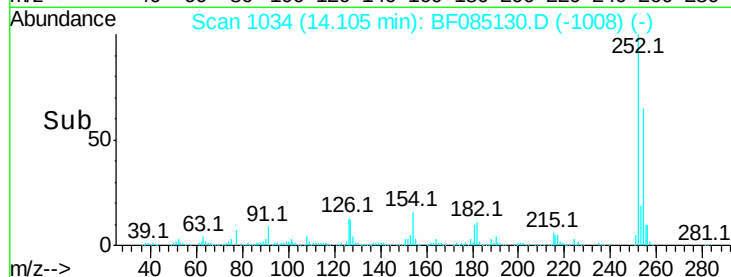
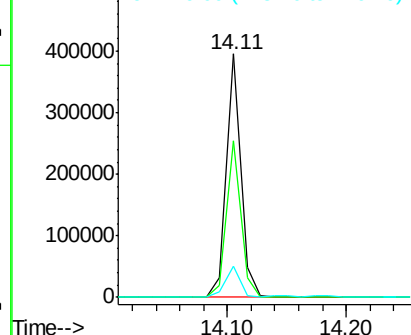
252 100

254 64.5 51.8 77.6

126 12.8 13.2 19.8#



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: 47.64 ng

RT: 14.19 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

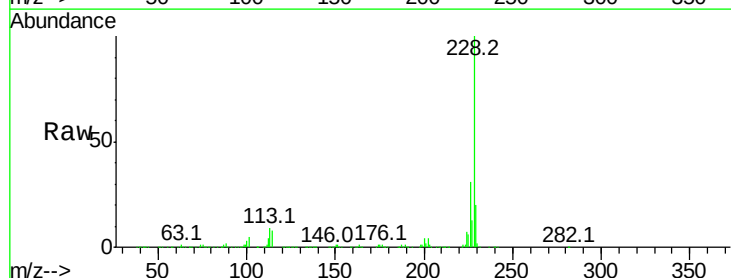
Tgt Ion:228 Resp: 899270

Ion Ratio Lower Upper

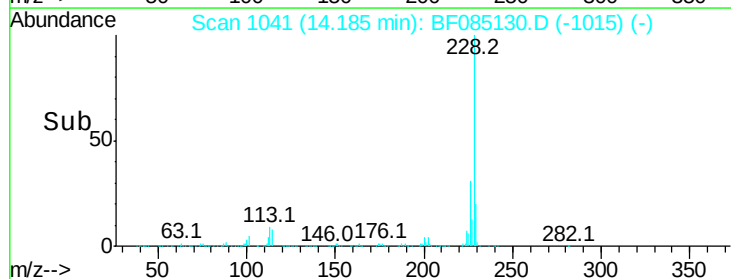
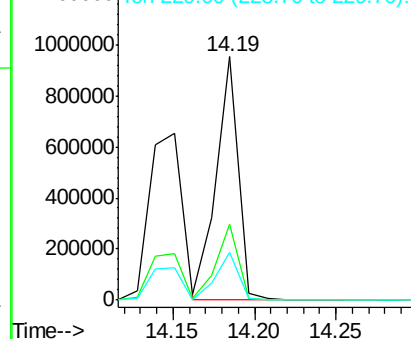
228 100

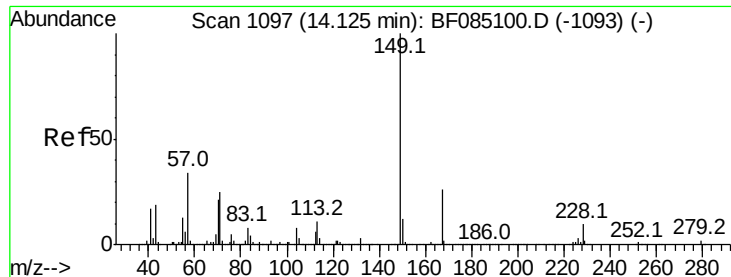
226 31.4 26.2 39.4

229 19.5 16.5 24.7



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: 51.57 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

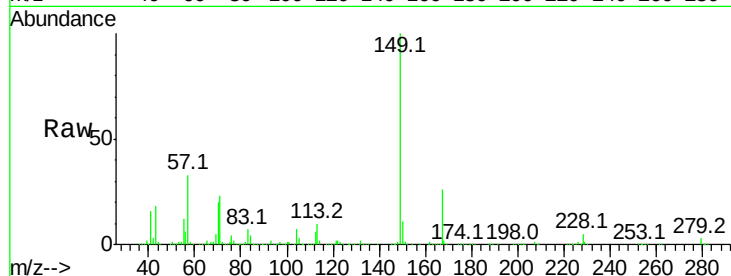
Tot Ion:149 Resp: 612898

Ion Ratio Lower Upper

149 100

167 25.8 20.6 31.0

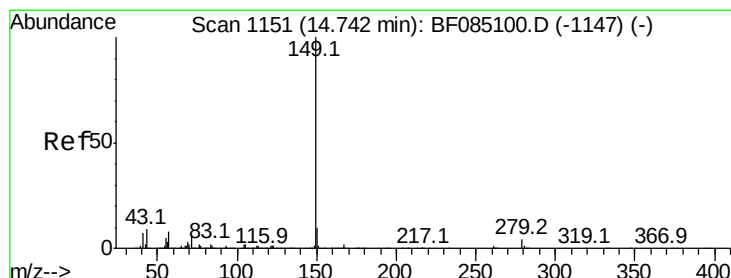
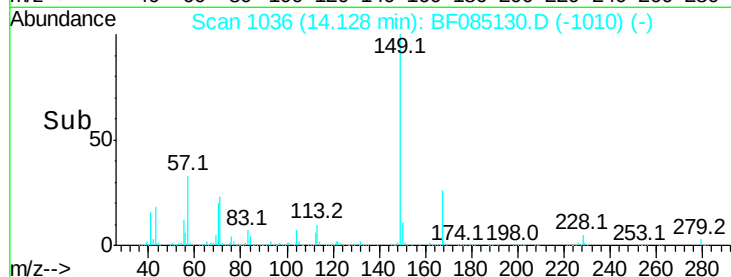
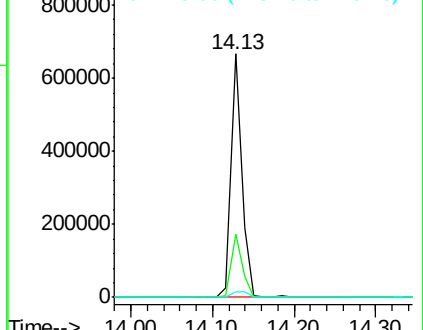
279 2.5 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.35 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

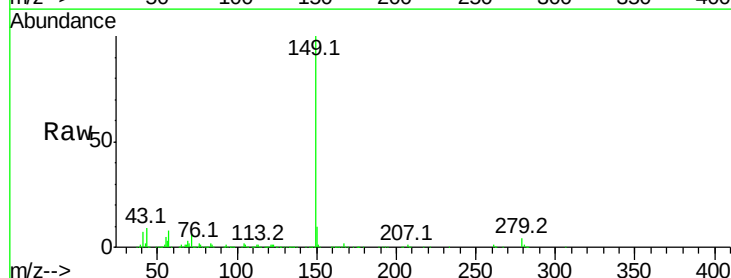
Tgt Ion:149 Resp: 976429

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

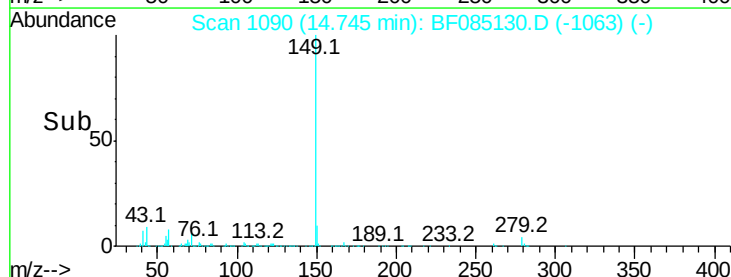
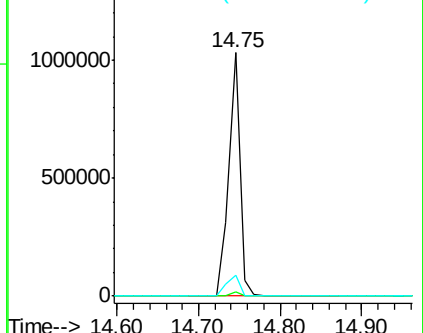
43 10.4 8.8 13.2

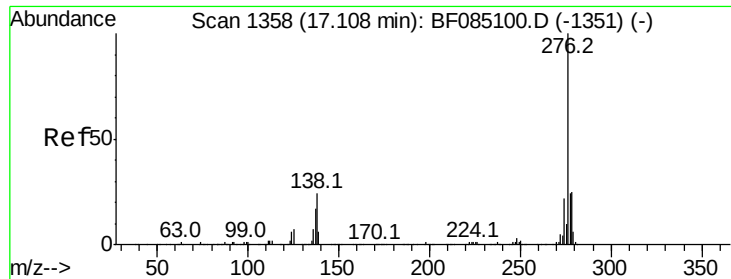


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

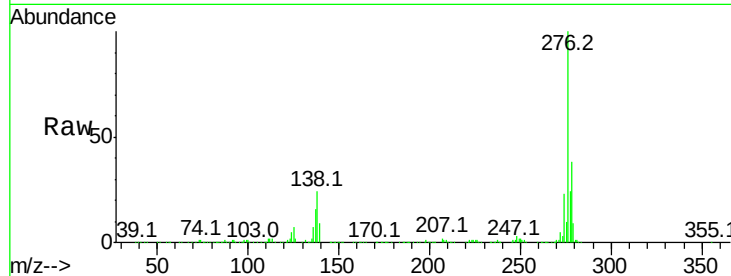




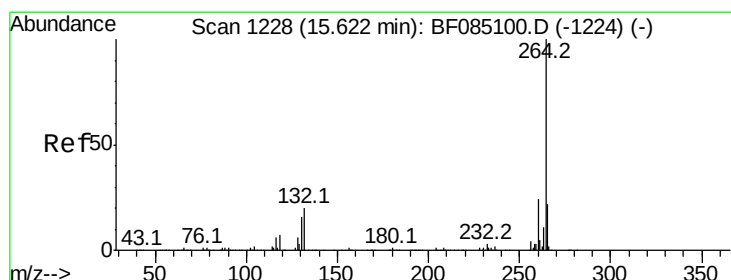
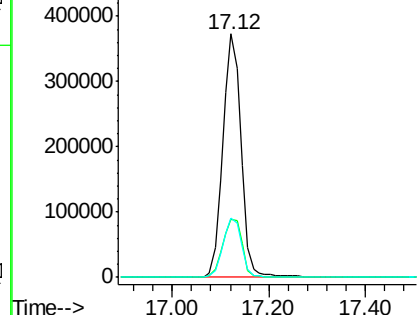
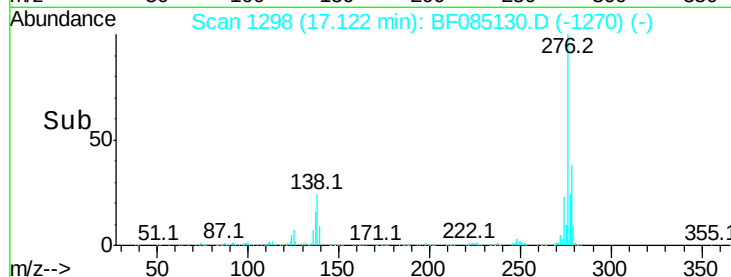
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.12 ng
 RT: 17.12 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.4	32.2
277	25.0	20.1	30.1

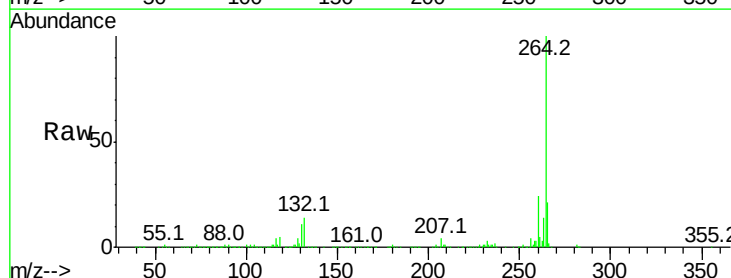


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

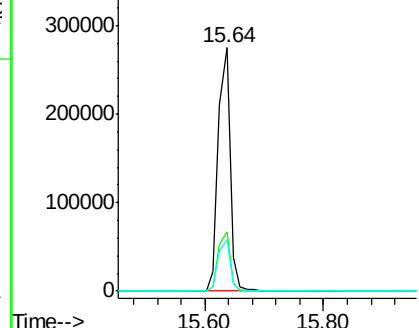
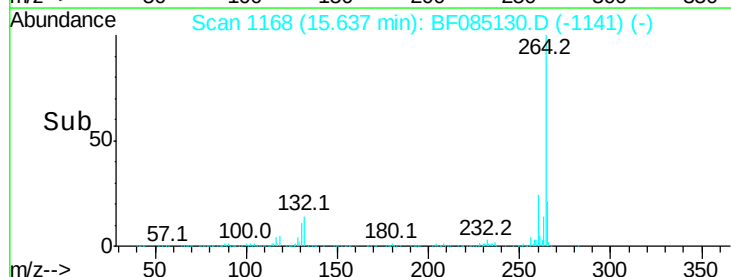


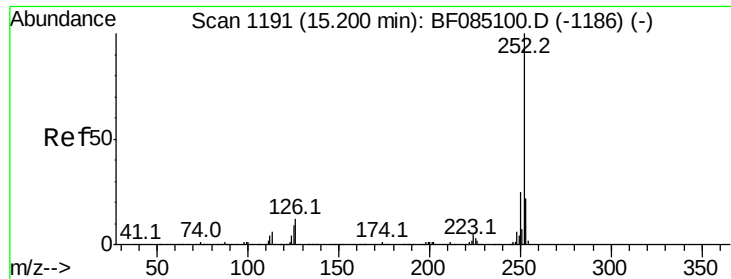
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085130.D
 Acq: 2 Mar 2016 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

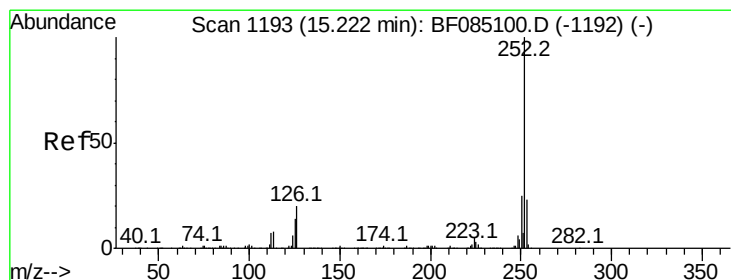
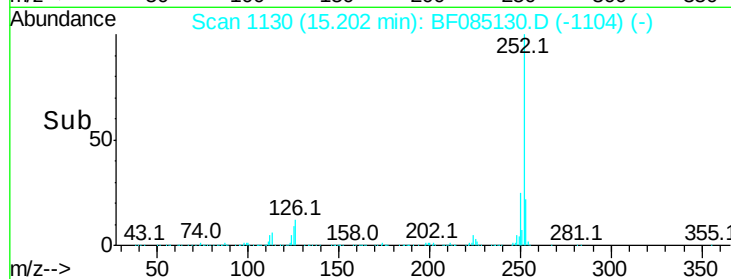
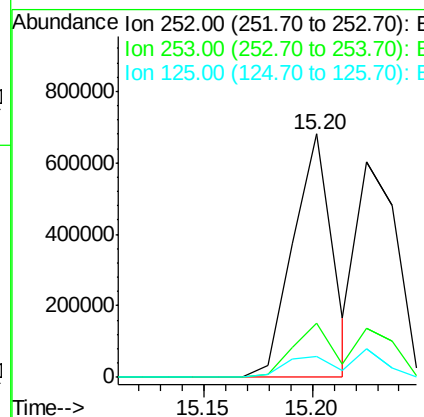
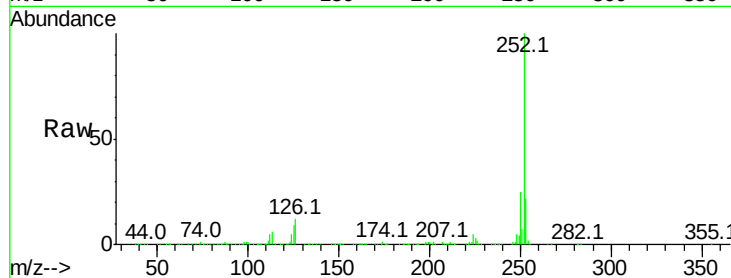




#87
Benzo(b)fluoranthene
Concen: 36.86 ng
RT: 15.20 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

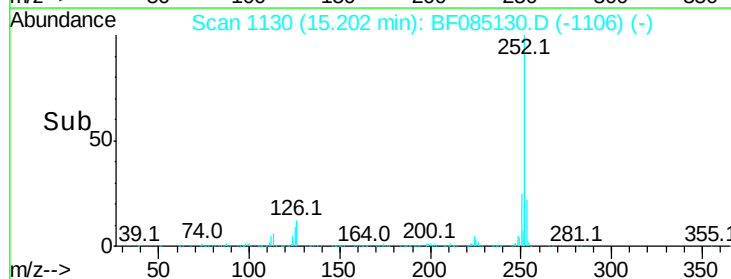
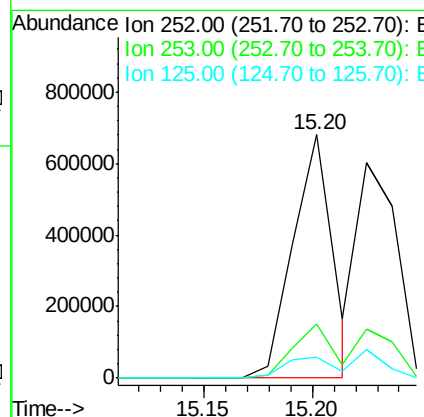
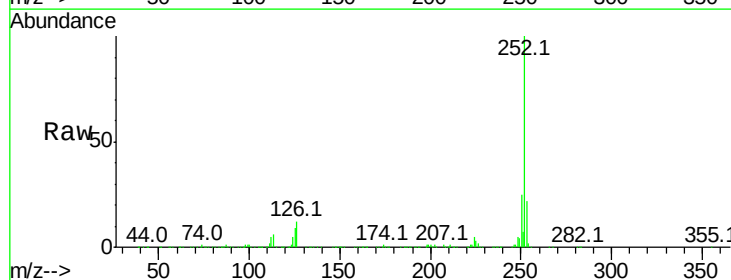
Instrument :
BNA_F
ClientSampleId :

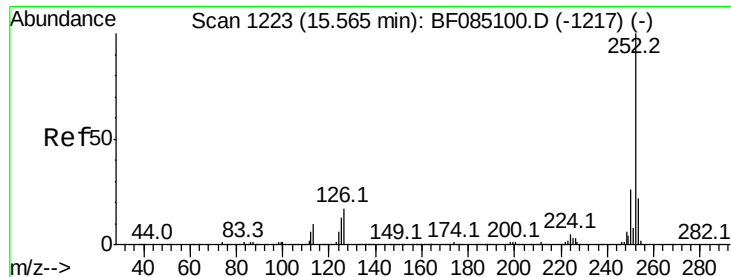
Tot Ion:252 Resp: 860894
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.7 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 42.55 ng
RT: 15.20 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:252 Resp: 860894
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 8.7 11.1 16.7#

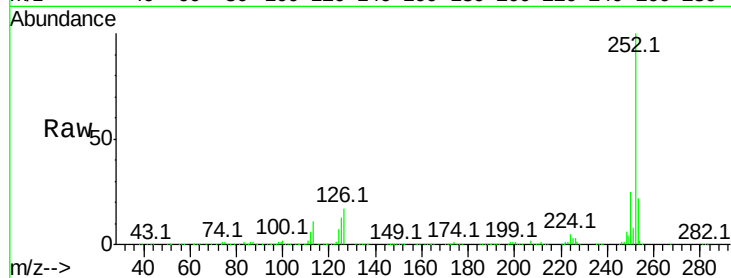




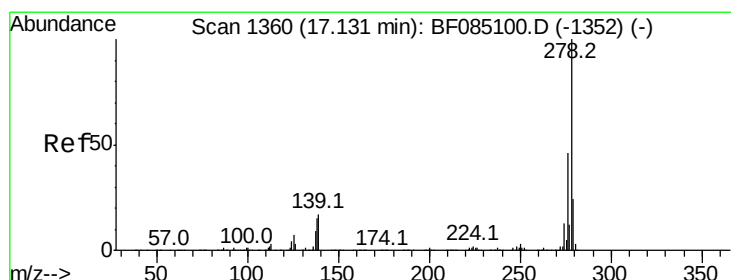
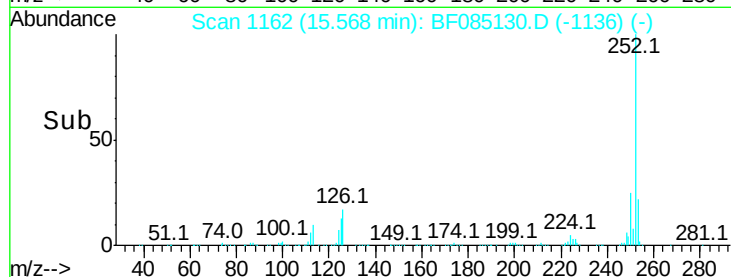
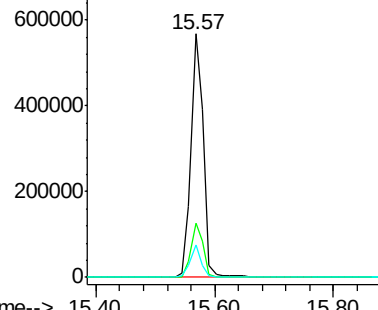
#89
Benzo(a)pyrene
Concen: 41.50 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 815213
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.2 10.2 15.2

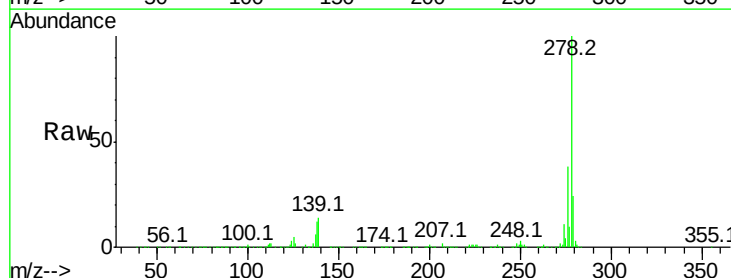


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

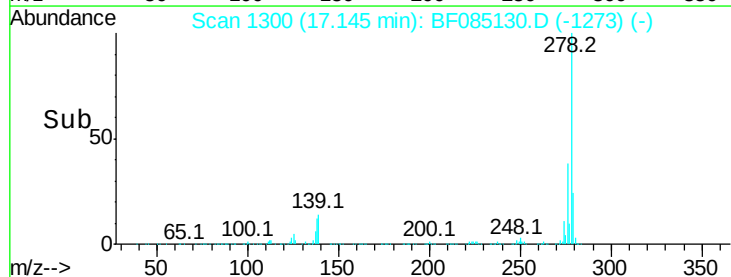
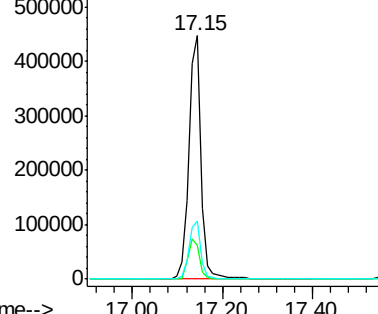


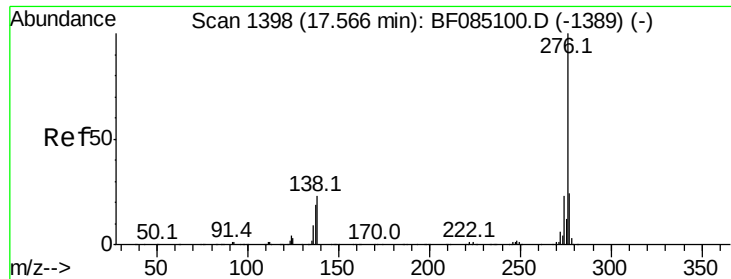
#90
Dibenzo(a,h)anthracene
Concen: 47.60 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085130.D
Acq: 2 Mar 2016 20:19

Tgt Ion:278 Resp: 842273
Ion Ratio Lower Upper
278 100
139 13.8 13.6 20.4
279 23.8 19.3 28.9



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: 44.27 ng

RT: 17.58 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF085130.D

Acq: 2 Mar 2016 20:19

Instrument :

BNA_F

ClientSampleId :

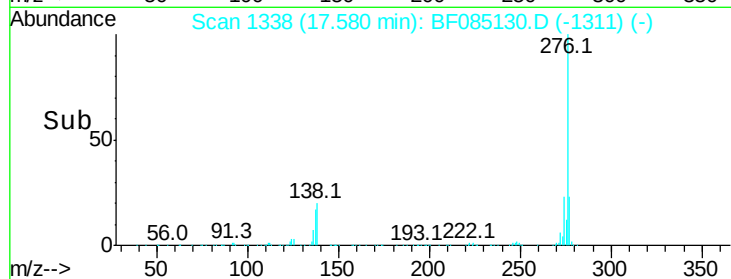
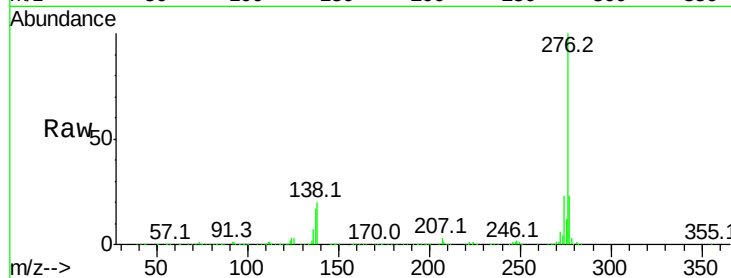
Tot Ion:276 Resp: 796523

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 19.6 18.1 27.1



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

