

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085093.D
 Acq On : 17 Feb 2016 18:24
 Operator : SJ/IZ
 Sample : H1418-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 23:53:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	188216	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	759749	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	353887	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	737320	20.00	ng	0.00
75) Chrysene-d12	14.16	240	674013	20.00	ng	0.00
86) Perylene-d12	15.63	264	500206	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1721387	159.85	ng	0.02
7) Phenol-d6	6.62	99	2394331	176.85	ng	0.00
23) Nitrobenzene-d5	7.56	82	1533715	123.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	665302	177.08	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2400538	100.24	ng	0.00
78) Terphenyl-d14	13.11	244	2680620	111.39	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	243360	47.75	ng	90
3) Pyridine	3.54	79	710766	54.13	ng	88
4) n-Nitrosodimethylamine	3.50	42	354667	56.30	ng	86
6) Aniline	6.66	93	377727	20.09	ng	# 70
8) 2-Chlorophenol	6.78	128	691855	55.72	ng	94
9) Benzaldehyde	6.54	77	179512	22.80	ng	85
10) Phenol	6.64	94	845307	57.75	ng	# 36
11) bis(2-Chloroethyl)ether	6.73	93	663389	53.69	ng	91
12) 1,3-Dichlorobenzene	6.94	146	706864	52.76	ng	97
13) 1,4-Dichlorobenzene	7.02	146	758797	55.78	ng	97
14) 1,2-Dichlorobenzene	7.16	146	648266	51.46	ng	97
15) Benzyl Alcohol	7.13	79	622825	62.65	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1033879	55.36	ng	94
17) 2-Methylphenol	7.24	107	607650	61.17	ng	# 85
18) Hexachloroethane	7.51	117	267577	55.19	ng	# 85
19) n-Nitroso-di-n-propylamine	7.42	70	562367	60.84	ng	# 84
20) 3+4-Methylphenols	7.39	107	710094	56.88	ng	94
22) Acetophenone	7.40	105	932207	49.24	ng	# 95
24) Nitrobenzene	7.58	77	690577	54.48	ng	97
25) Isophorone	7.82	82	1387123	53.55	ng	98
26) 2-Nitrophenol	7.90	139	378338	65.84	ng	94
27) 2,4-Dimethylphenol	7.93	122	724898	58.90	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	853286	55.55	ng	99
29) 2,4-Dichlorophenol	8.14	162	648600	61.16	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	639826	52.94	ng	95
31) Naphthalene	8.31	128	2008838	55.02	ng	97
32) Benzoic acid	8.01	122	155743	21.17	ng	97
33) 4-Chloroaniline	8.34	127	106310	6.78	ng	99
34) Hexachlorobutadiene	8.42	225	390158	53.39	ng	97
35) Caprolactam	8.72	113	116143	36.64	ng	94
36) 4-Chloro-3-methylphenol	8.82	107	629615	54.93	ng	98
37) 2-Methylnaphthalene	8.99	142	1319443	55.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	653959	54.30	ng	98
40) Hexachlorocyclopentadiene	9.15	237	756994	117.24	ng	99

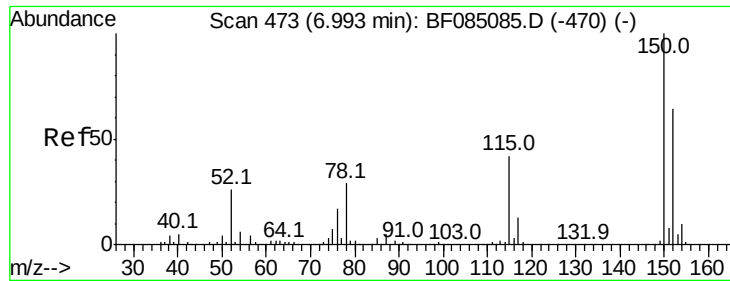
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085093.D
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 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	485145	63.43	nq	96
43) 2,4,5-Trichlorophenol	9.31	196	454433	60.30	nq #	87
45) 1,1'-Biphenyl	9.46	154	1692338	55.91	nq	96
46) 2-Chloronaphthalene	9.48	162	1263894	56.75	nq	97
47) 2-Nitroaniline	9.58	65	422260	60.08	nq	93
48) Acenaphthylene	9.90	152	1888121	52.44	nq	97
49) Dimethylphthalate	9.76	163	1789282	68.89	nq #	95
50) 2,6-Dinitrotoluene	9.82	165	310290	56.73	nq	90
51) Acenaphthene	10.07	154	1293156	58.26	nq	98
52) 3-Nitroaniline	9.98	138	127082	20.51	nq	85
53) 2,4-Dinitrophenol	10.09	184	319846	91.11	nq #	72
54) Dibenzofuran	10.24	168	1752630	59.12	nq	99
55) 4-Nitrophenol	10.14	139	535453	109.05	nq	97
56) 2,4-Dinitrotoluene	10.22	165	410675	60.93	nq #	80
57) Fluorene	10.58	166	1259232	51.55	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	392920	63.87	nq	96
59) Diethylphthalate	10.46	149	1401284	52.22	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	666941	52.84	nq	94
61) 4-Nitroaniline	10.60	138	350913	60.65	nq	90
62) Azobenzene	10.73	77	1521746	60.38	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	226632	58.10	nq	86
65) n-Nitrosodiphenylamine	10.70	169	1285582	55.28	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	448507	52.09	nq	93
67) Hexachlorobenzene	11.13	284	474299	52.43	nq	95
68) Atrazine	11.22	200	473082	70.62	nq	94
69) Pentachlorophenol	11.32	266	614070	111.90	nq	97
70) Phenanthrene	11.54	178	1978411	53.41	nq	98
71) Anthracene	11.60	178	1977534	52.89	nq	93
72) Carbazole	11.75	167	1834224	53.79	nq	96
73) Di-n-butylphthalate	12.08	149	2098843	53.94	nq	97
74) Fluoranthene	12.73	202	2037293	50.88	nq	92
76) Benzidine	12.85	184	443674	22.36	nq	97
77) Pyrene	12.96	202	2052754	50.58	nq	95
79) Butylbenzylphthalate	13.58	149	991267	61.46	nq #	98
80) Benzo(a)anthracene	14.15	228	2086374	55.49	nq	95
81) 3,3'-Dichlorobenzidine	14.10	252	218441	15.71	nq	98
82) Chrysene	14.18	228	1412791	40.83	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1307877	59.34	nq #	94
84) Di-n-octyl phthalate	14.74	149	2060329	58.42	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	1576778	47.11	nq	100
87) Benzo(b)fluoranthene	15.20	252	1711733	53.67	nq #	95
88) Benzo(k)fluoranthene	15.20	252	1711733	66.65	nq	96
89) Benzo(a)pyrene	15.57	252	1589806	58.66	nq #	94
90) Dibenzo(a,h)anthracene	17.14	278	1290009	55.76	nq #	94
91) Benzo(g,h,i)perylene	17.57	276	1283981	56.57	nq	99

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

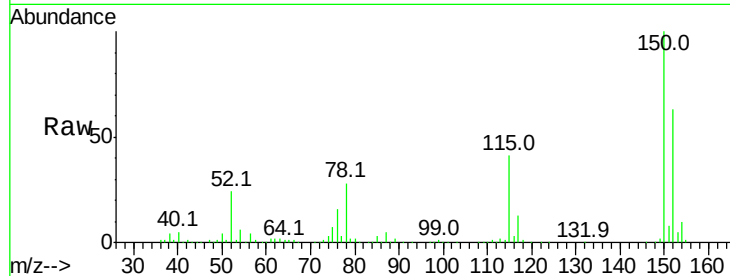


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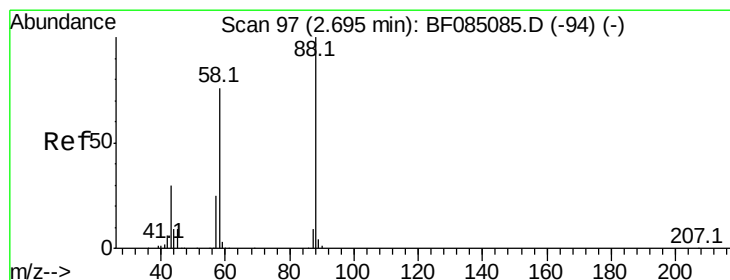
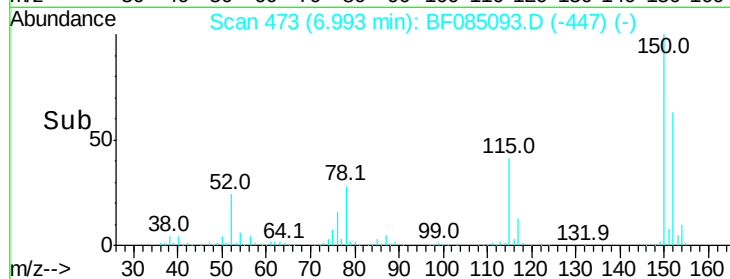
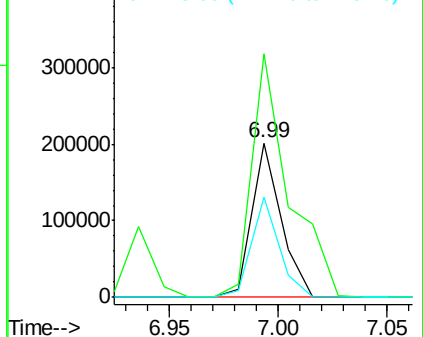
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188216
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 64.7 50.5 75.7



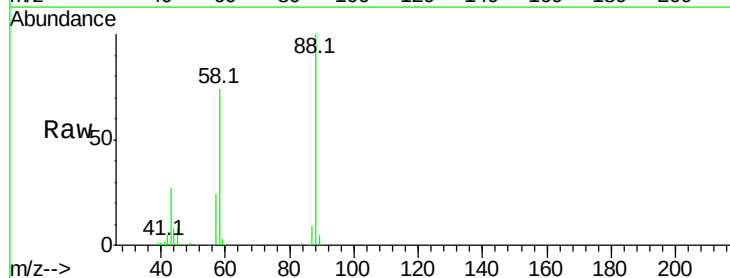
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



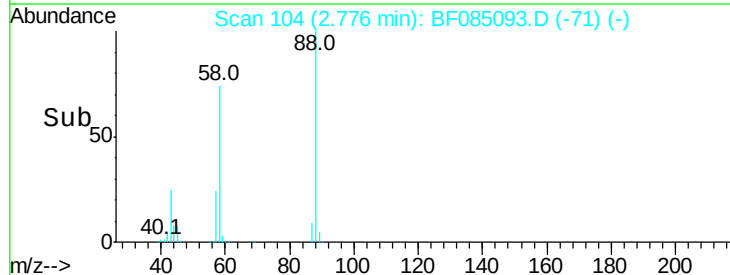
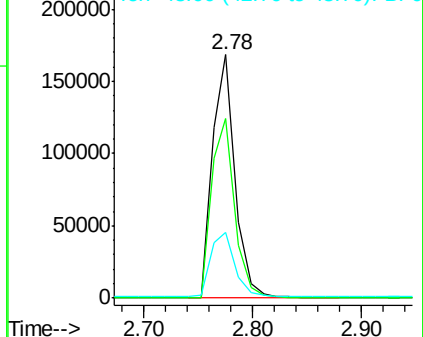
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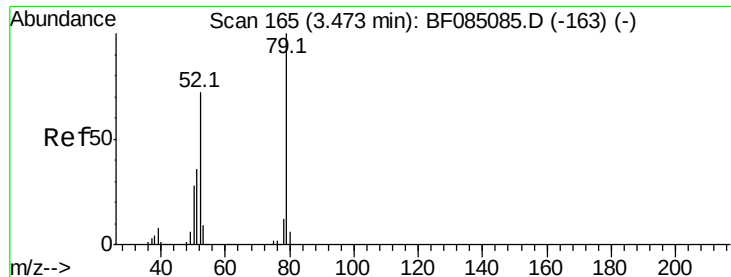
1,4-Dioxane
Concen: 47.75 ng
RT: 2.78 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion: 88 Resp: 243360
Ion Ratio Lower Upper
88 100
58 77.6 70.9 106.3
43 28.6 25.9 38.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

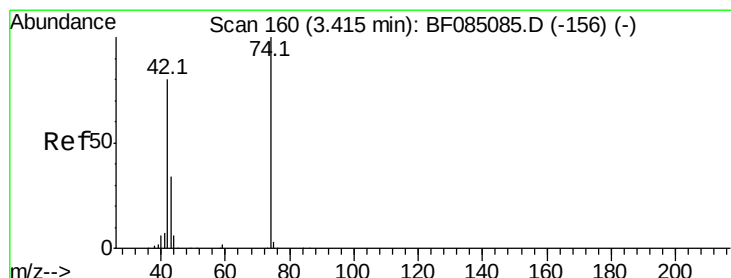
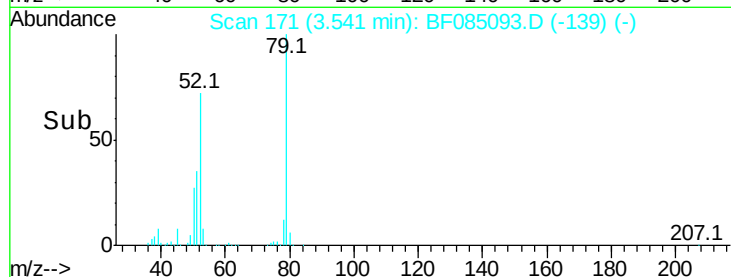
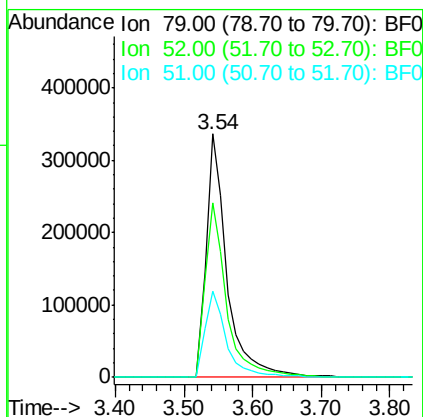
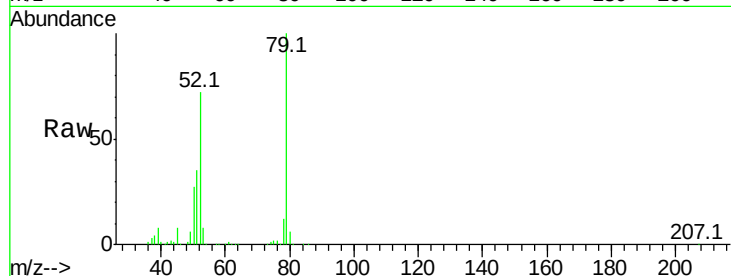




#3
 Pvridine
 Concen: 54.13 ng
 RT: 3.54 min Scan# 171
 Delta R.T. 0.07 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

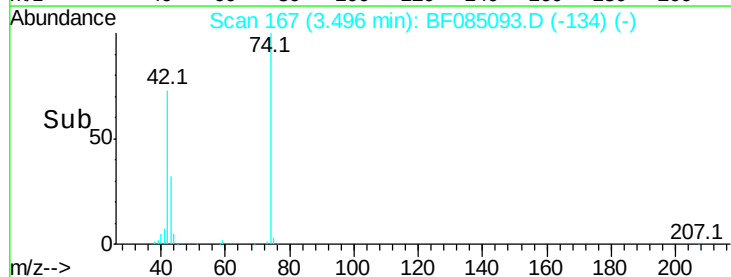
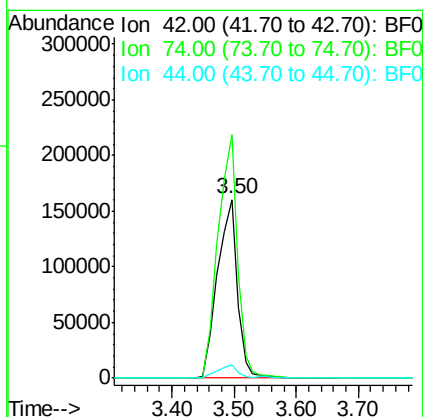
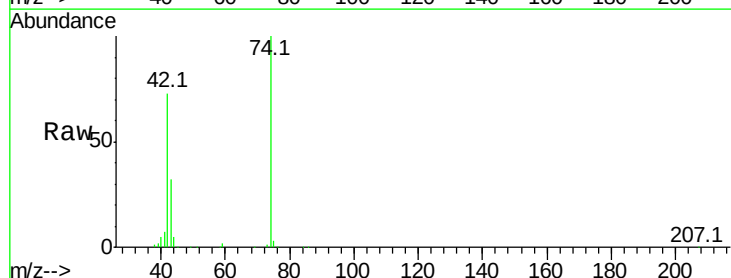
Instrument :
 BNA_F
 ClientSampleId :

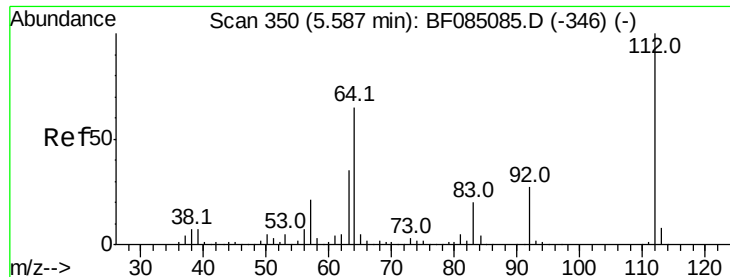
Tot Ion: 79 Resp: 710766
 Ion Ratio Lower Upper
 79 100
 52 71.8 67.1 100.7
 51 35.4 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 56.30 ng
 RT: 3.50 min Scan# 167
 Delta R.T. 0.08 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion: 42 Resp: 354667
 Ion Ratio Lower Upper
 42 100
 74 136.4 96.2 144.4
 44 7.3 7.0 10.4





#5

2-Fluorophenol

Concen: 159.85 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampled :

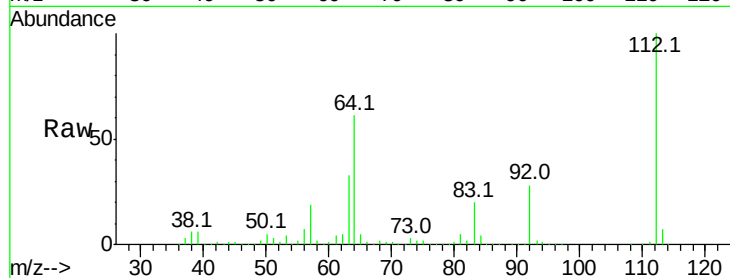
Tot Ion:112 Resp: 1721387

Ion Ratio Lower Upper

112 100

64 61.2 45.4 68.2

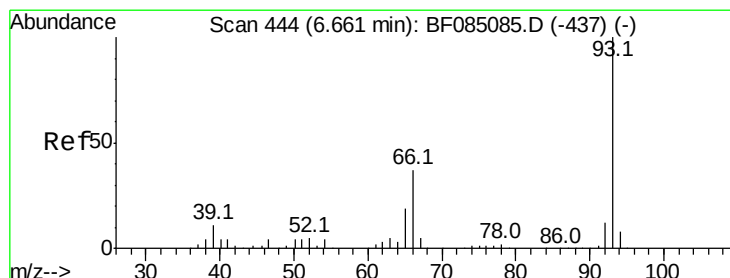
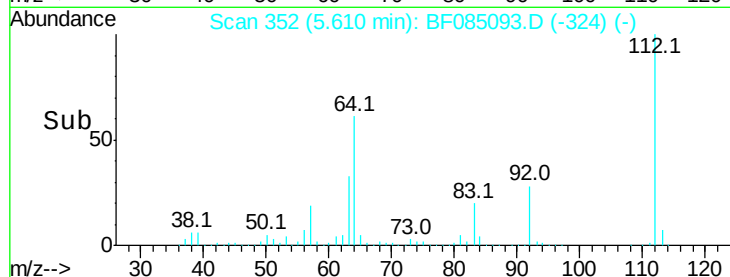
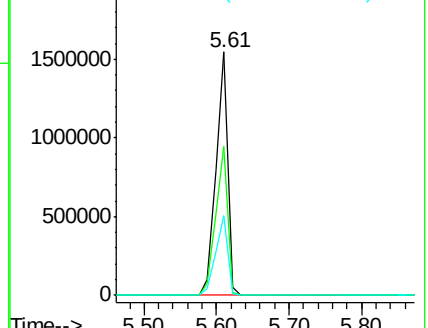
63 32.7 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.09 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

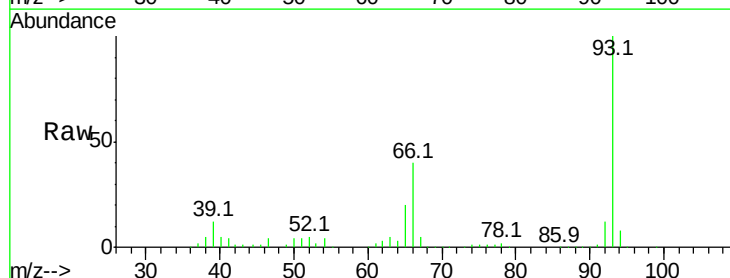
Tgt Ion: 93 Resp: 377727

Ion Ratio Lower Upper

93 100

66 39.8 51.8 77.8#

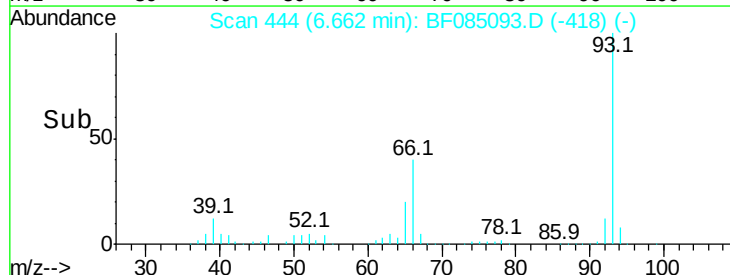
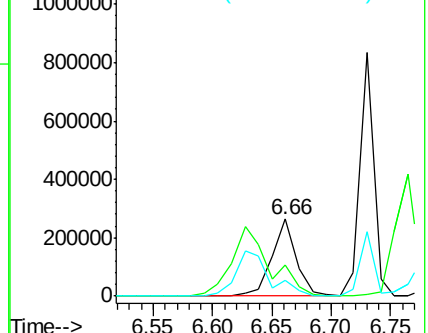
65 19.7 28.5 42.7#

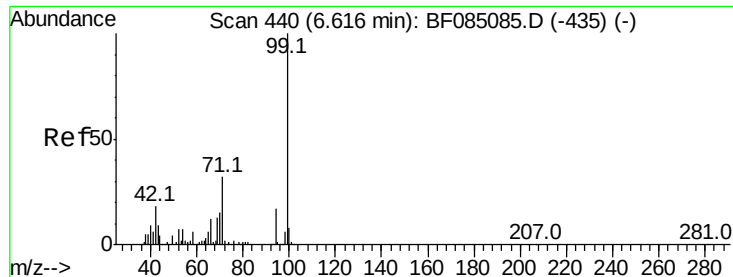


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 176.85 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

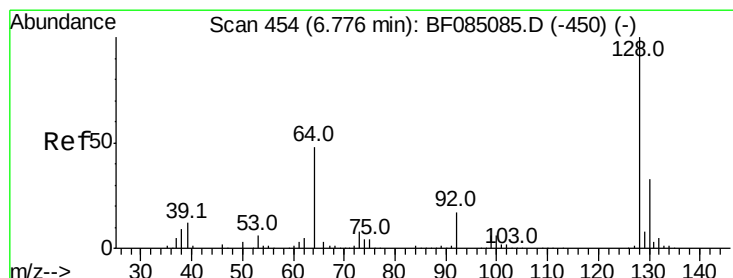
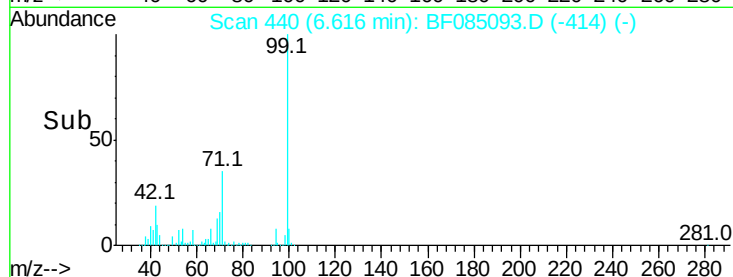
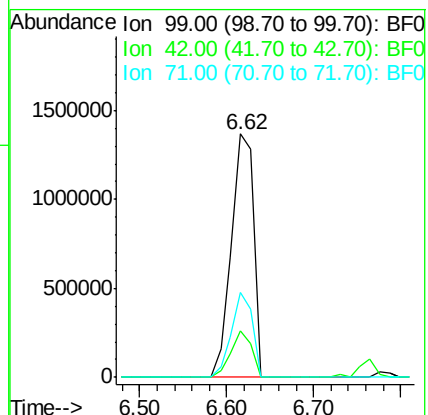
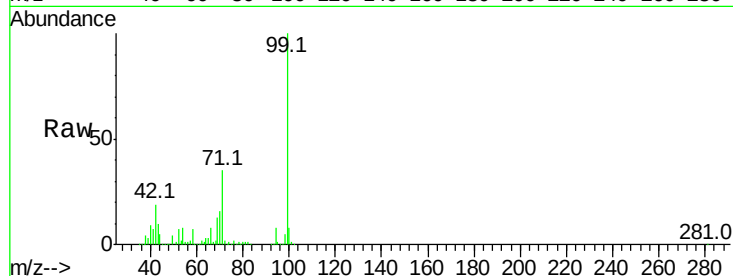
Tot Ion: 99 Resp: 2394331

Ion Ratio Lower Upper

99 100

42 19.4 17.0 25.4

71 34.7 28.3 42.5



#8

2-Chlorophenol

Concen: 55.72 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

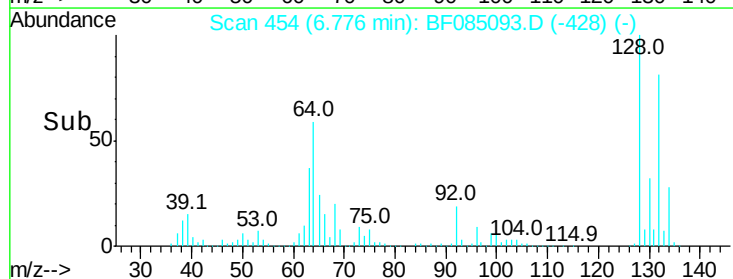
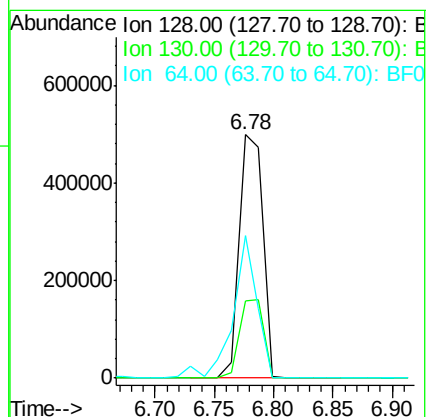
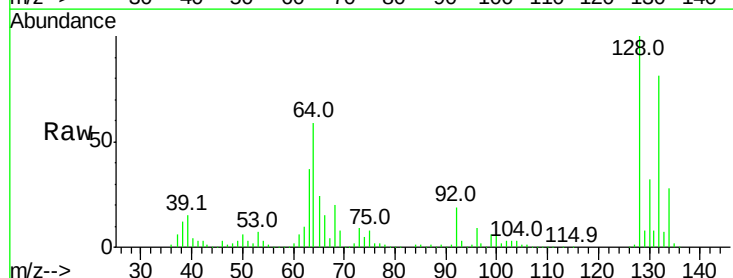
Tgt Ion: 128 Resp: 691855

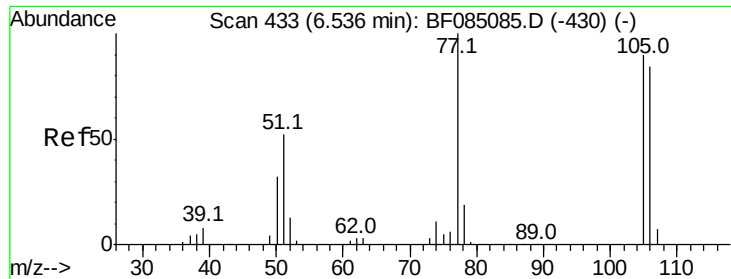
Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

64 58.8 32.1 72.1

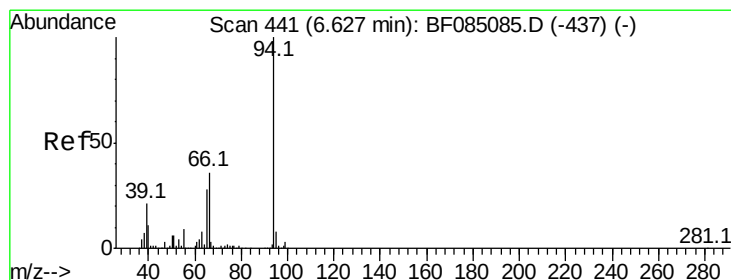
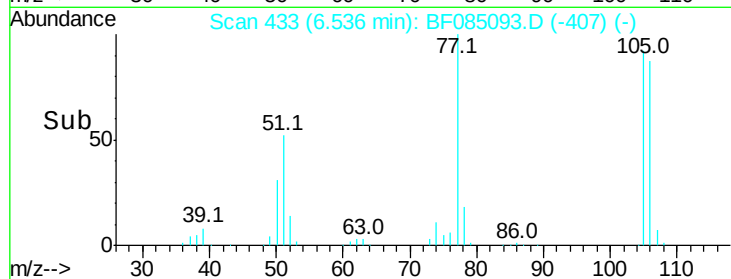
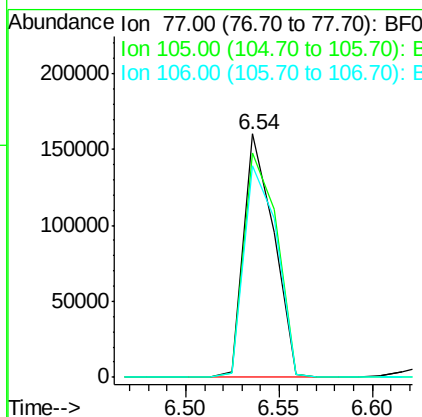
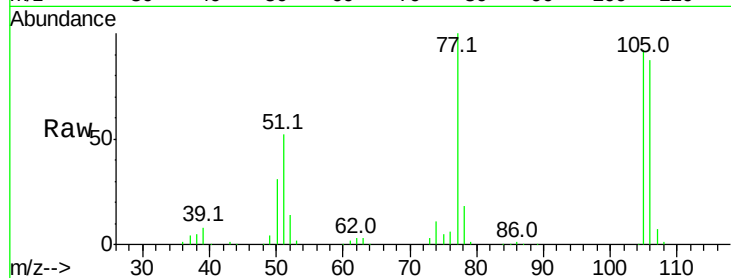




#9
Benzaldehyde
Concen: 22.80 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

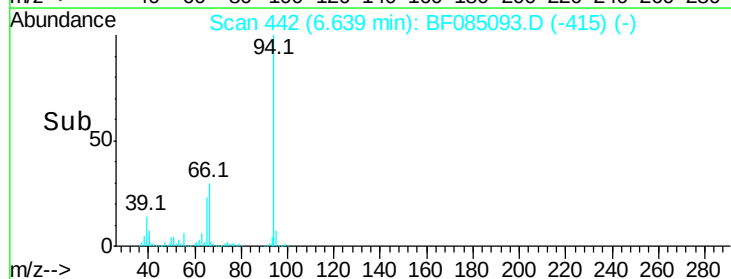
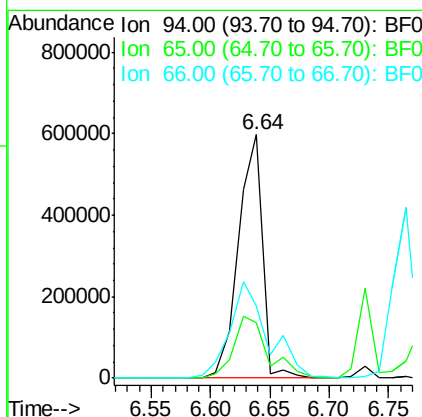
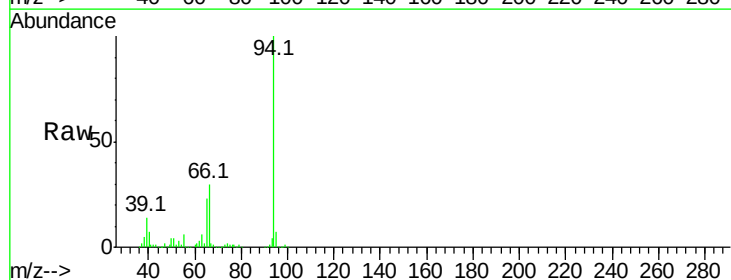
Instrument :
BNA_F
ClientSampled :

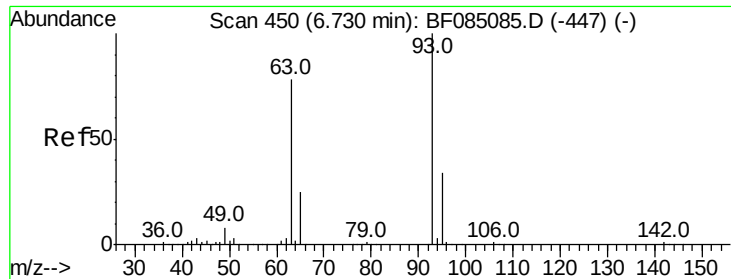
Tot Ion:	77	Resp:	179512
Ion	Ratio	Lower	Upper
77	100		
105	91.9	90.9	130.9
106	86.9	79.7	119.7



#10
Phenol
Concen: 57.75 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:	94	Resp:	845307
Ion	Ratio	Lower	Upper
94	100		
65	22.6	37.3	77.3#
66	29.6	84.1	124.1#



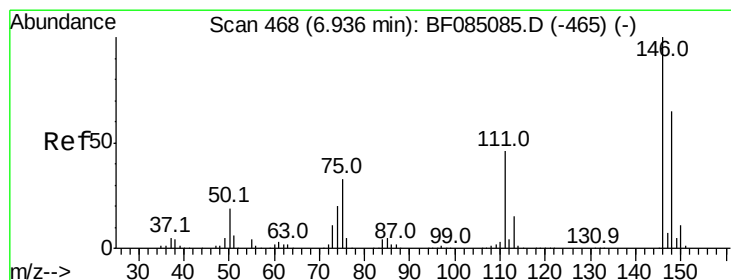
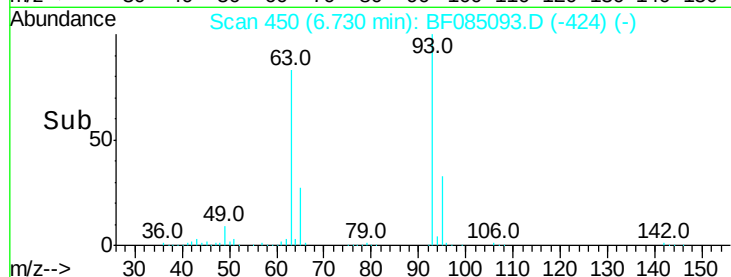
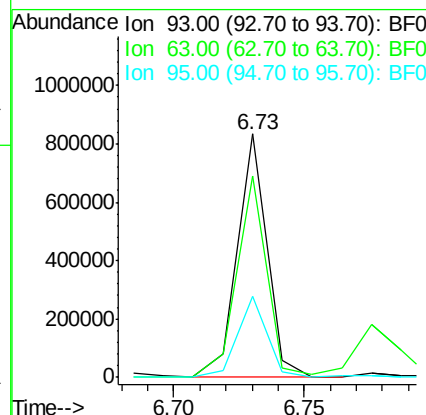
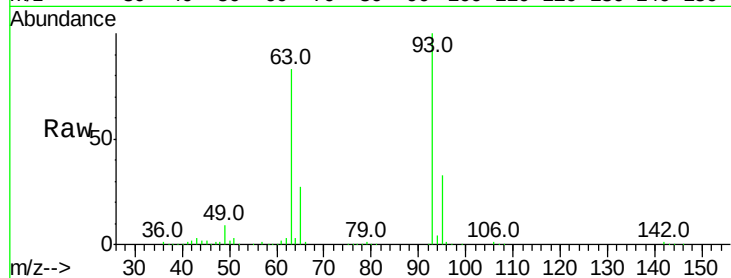


#11
 bis(2-Chloroethyl)ether
 Concen: 53.69 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 663389

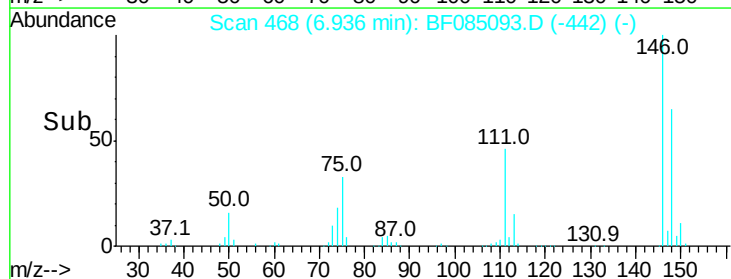
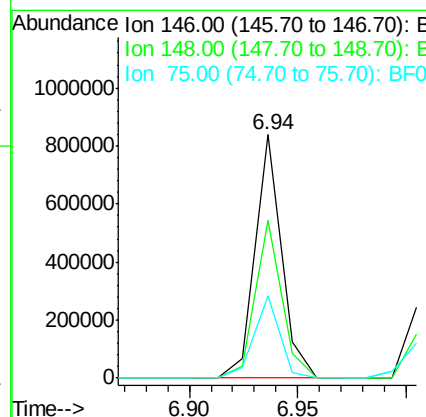
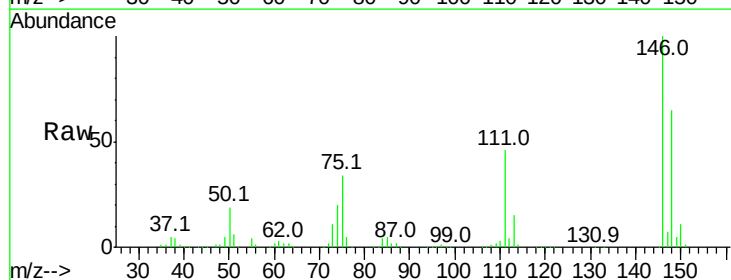
Ion	Ratio	Lower	Upper
93	100		
63	82.5	53.6	93.6
95	33.1	10.1	50.1

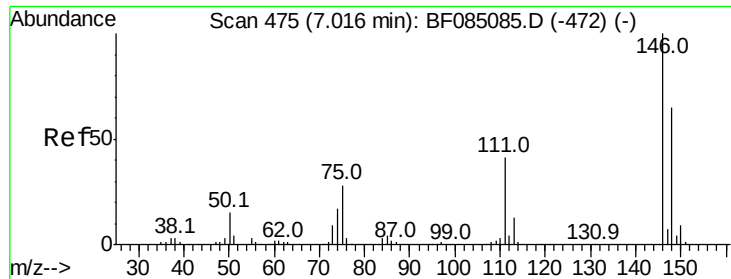


#12
 1,3-Dichlorobenzene
 Concen: 52.76 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion: 146 Resp: 706864

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.1	79.7
75	33.8	24.4	36.6

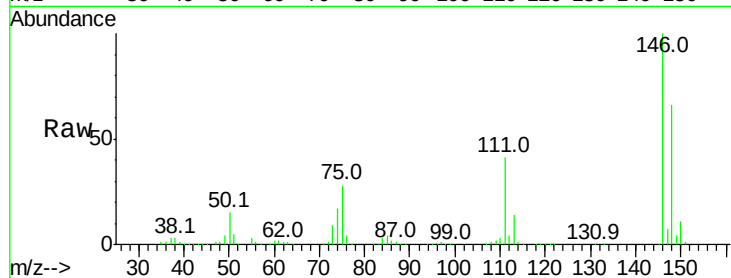




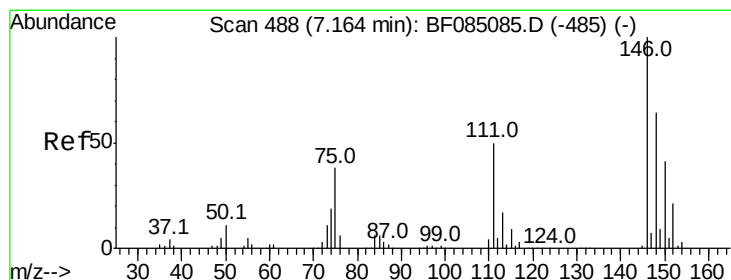
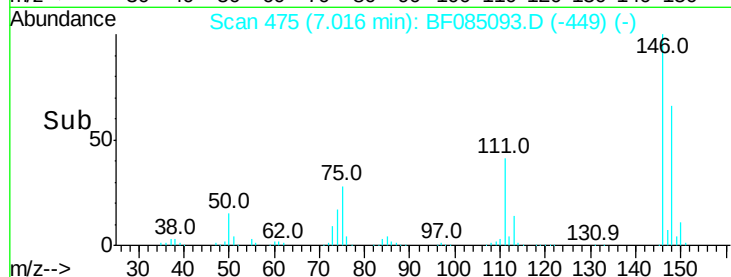
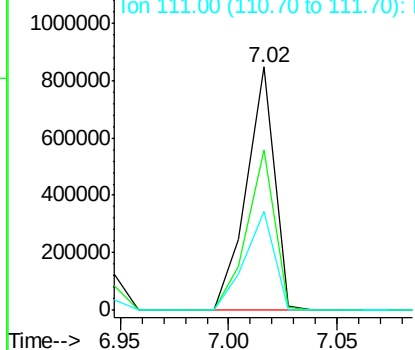
#13
 1,4-Dichlorobenzene
 Concen: 55.78 ng
 RT: 7.02 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 758797
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.3 75.5
 111 40.8 33.6 50.4

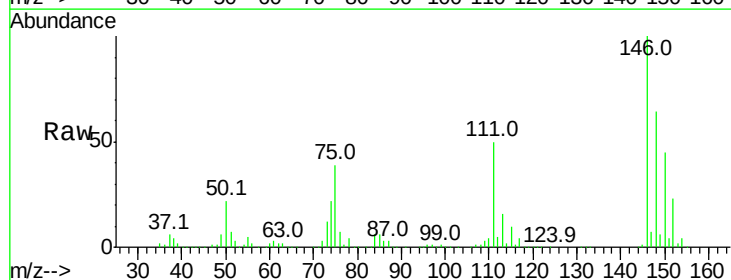


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

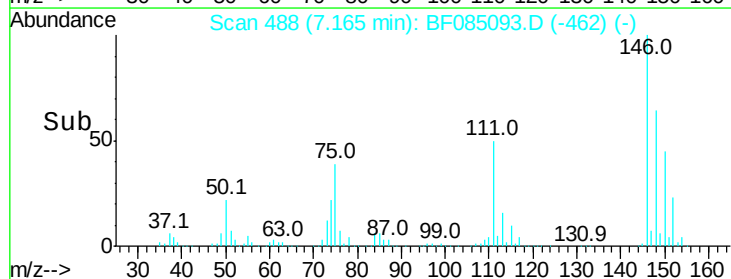
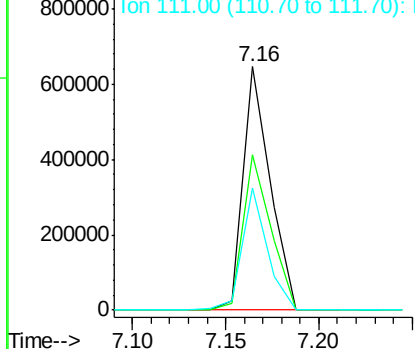


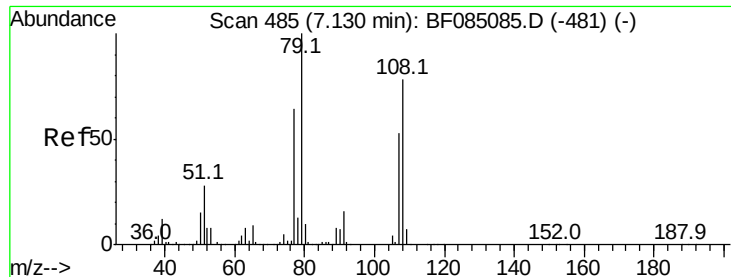
#14
 1,2-Dichlorobenzene
 Concen: 51.46 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:146 Resp: 648266
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.5 77.3
 111 50.2 36.5 54.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 62.65 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

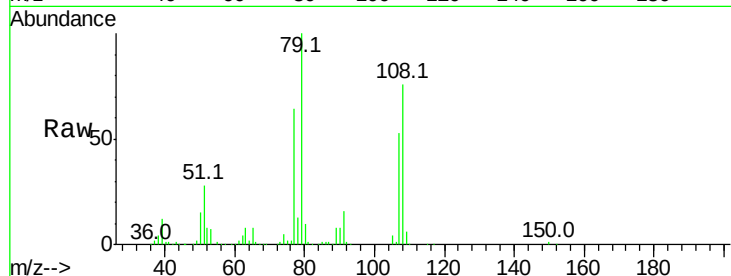
Tot Ion: 79 Resp: 622825

Ion Ratio Lower Upper

79 100

108 76.5 63.4 95.0

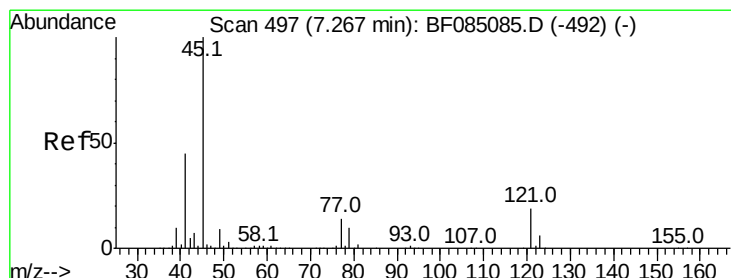
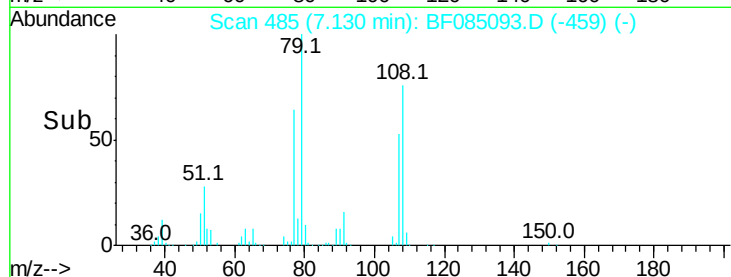
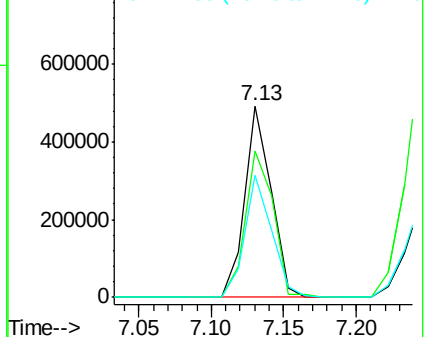
77 63.6 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.36 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

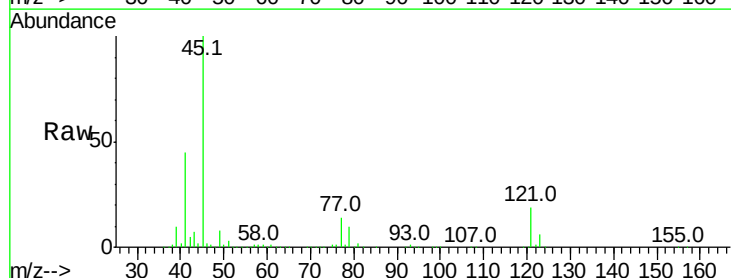
Tgt Ion: 45 Resp: 1033879

Ion Ratio Lower Upper

45 100

77 13.7 0.0 35.2

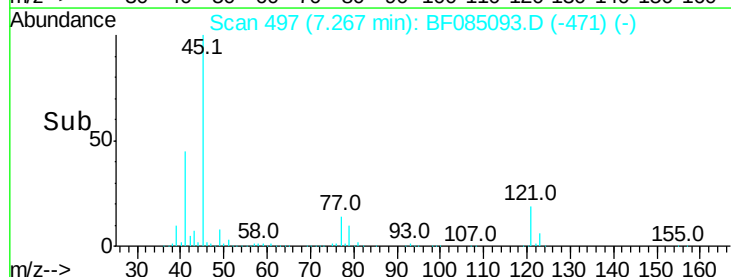
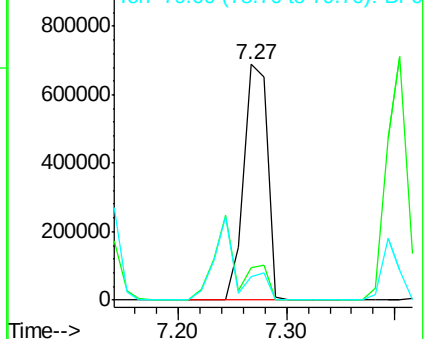
79 10.1 0.0 33.7

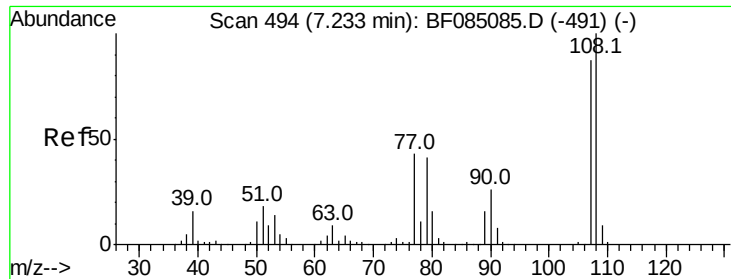


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 61.17 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 607650

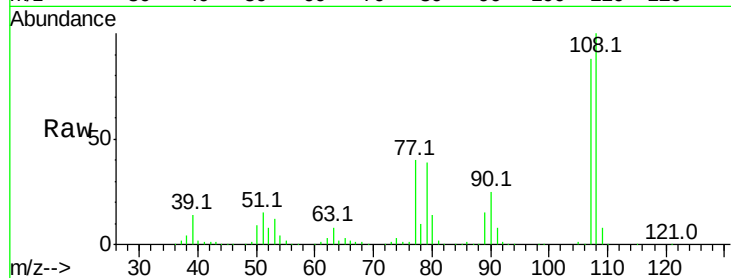
Ion Ratio Lower Upper

107 100

108 113.9 97.0 145.4

77 45.3 50.5 75.7#

79 44.1 50.1 75.1#

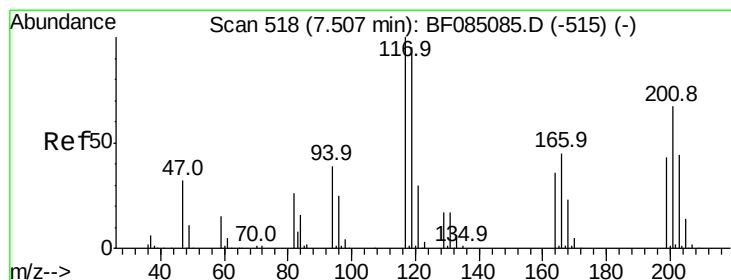
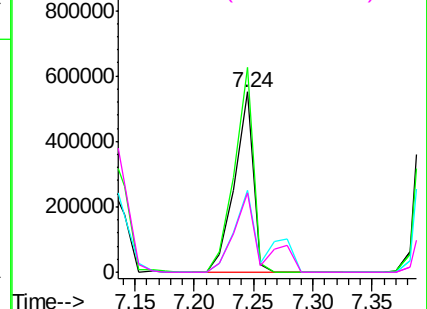
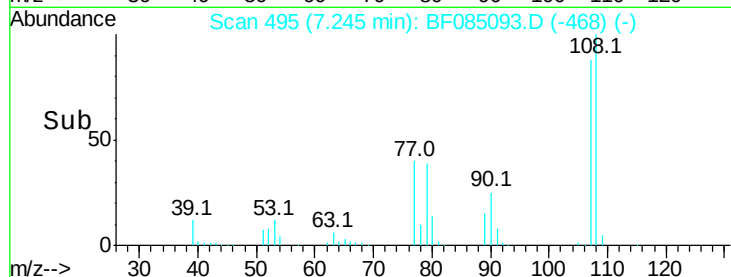


Abundance Ion 107.00 (106.70 to 107.70): E

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: 55.19 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

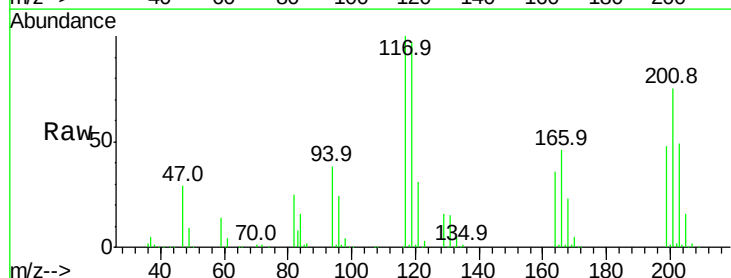
Tgt Ion:117 Resp: 267577

Ion Ratio Lower Upper

117 100

119 96.6 74.5 111.7

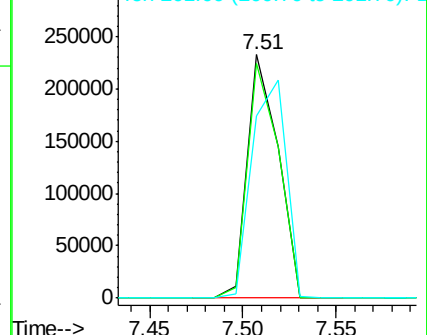
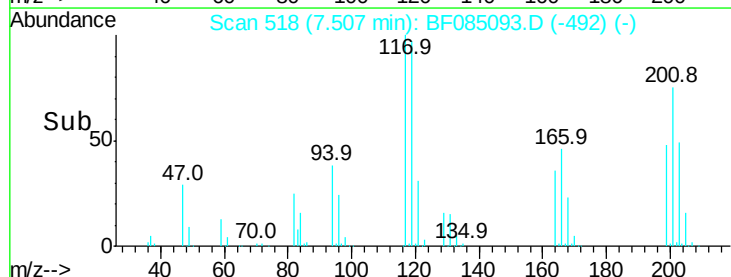
201 74.9 80.9 121.3#

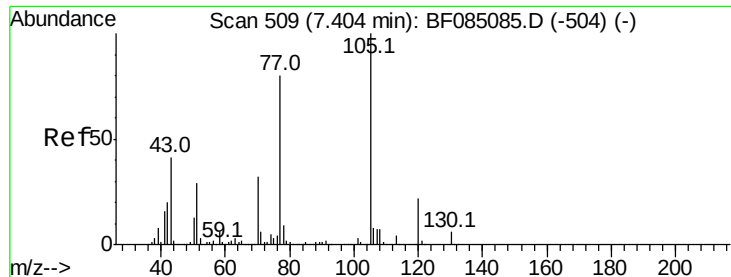


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

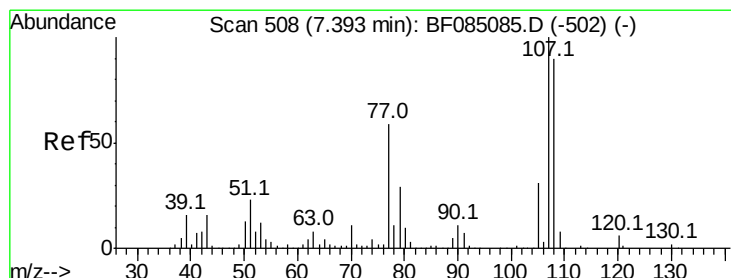
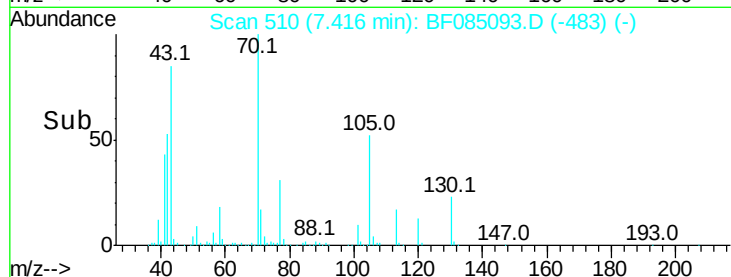
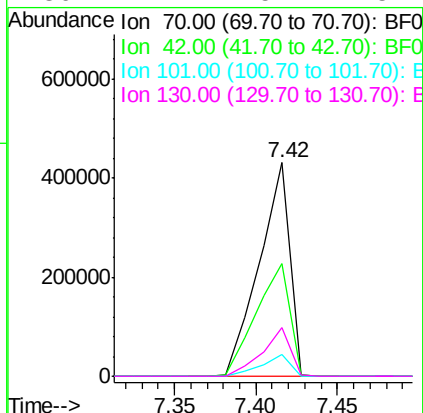
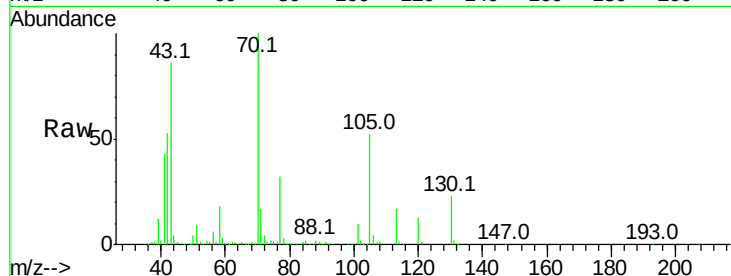




#19
n-Nitroso-di-n-propylamine
Concen: 60.84 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

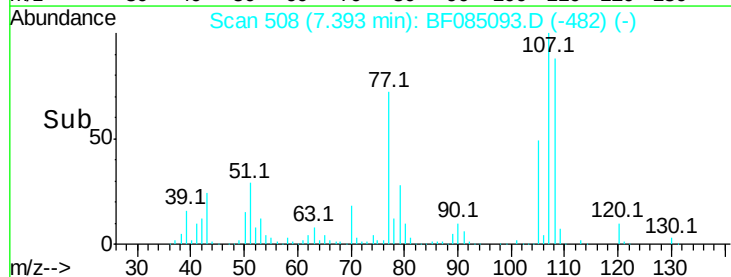
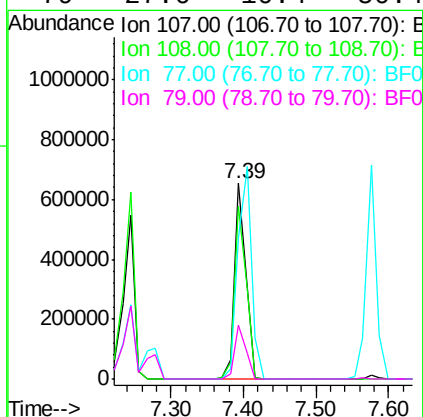
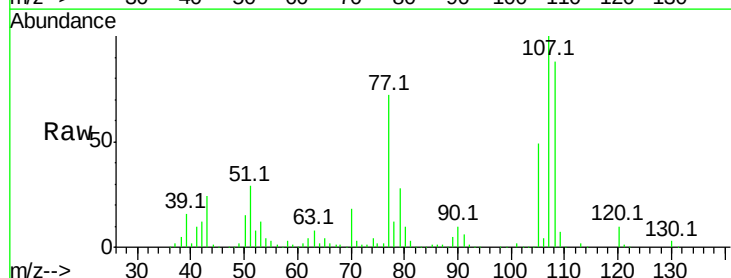
Instrument :
BNA_F
ClientSampled :

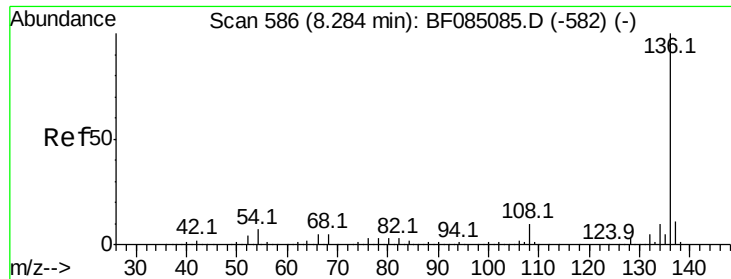
Tot Ion: 70 Resp: 562367
Ion Ratio Lower Upper
70 100
42 52.9 55.8 83.6#
101 10.0 7.7 11.5
130 22.7 15.4 23.2



#20
3+4-Methylphenols
Concen: 56.88 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:107 Resp: 710094
Ion Ratio Lower Upper
107 100
108 88.3 74.4 114.4
77 72.4 46.9 86.9
79 27.6 10.4 50.4

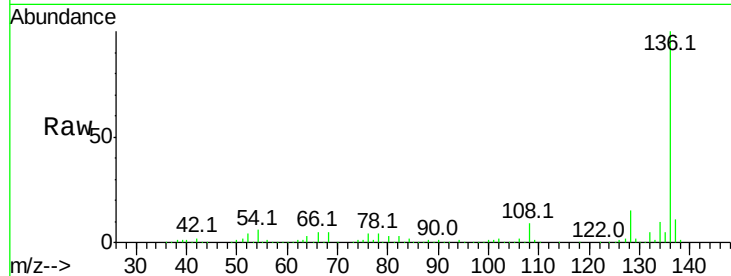




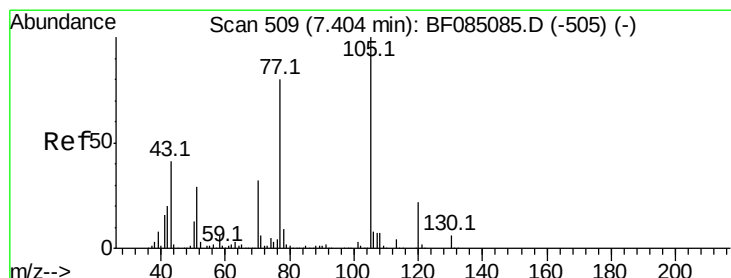
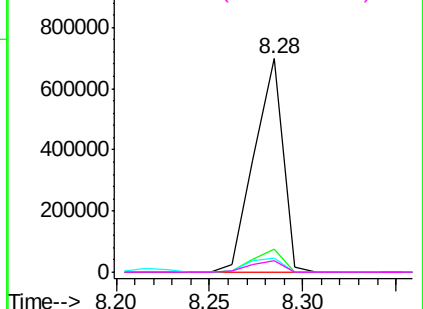
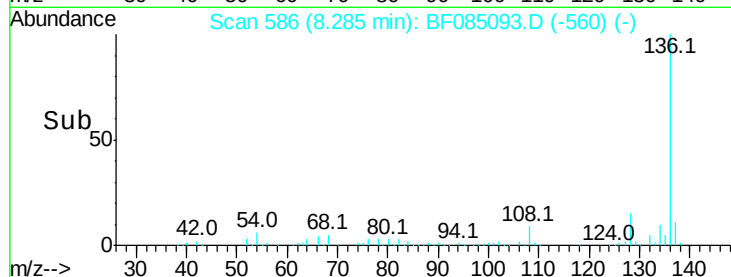
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	759749
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.3	6.1 9.1
68	5.1	3.5 5.3

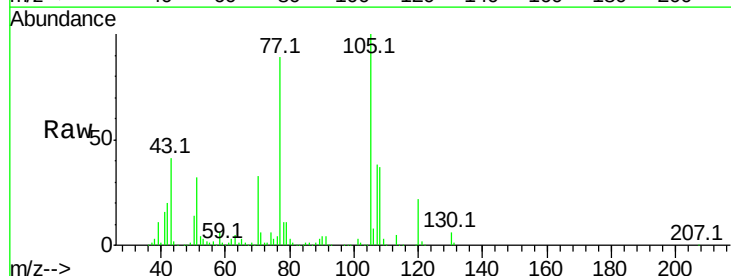


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

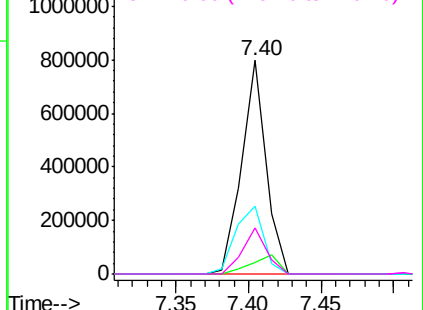
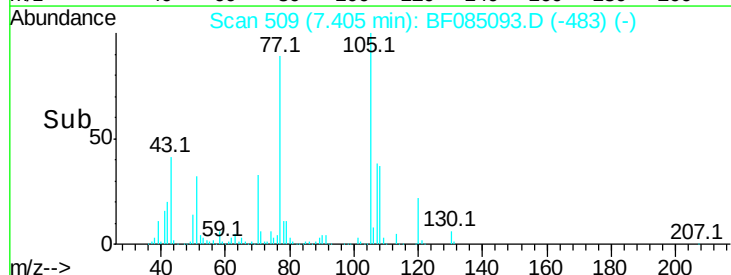


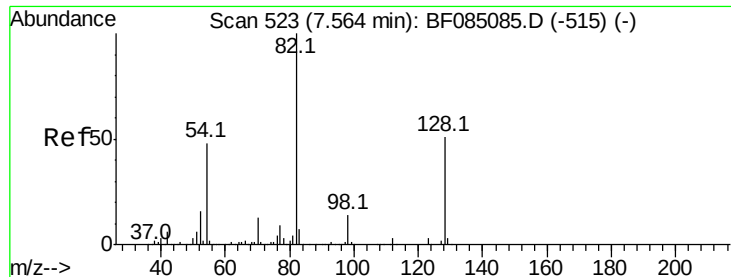
#22
Acetophenone
Concen: 49.24 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:105	Resp:	932207
Ion Ratio	Lower	Upper
105	100	
71	5.6	7.5 11.3#
51	31.6	23.1 34.7
120	21.6	15.9 23.9



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



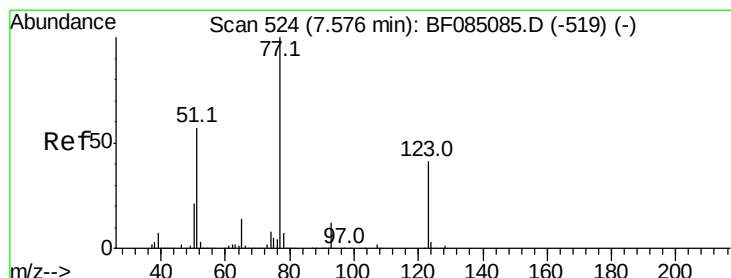
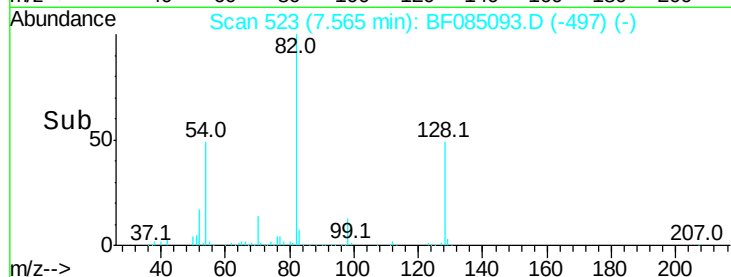
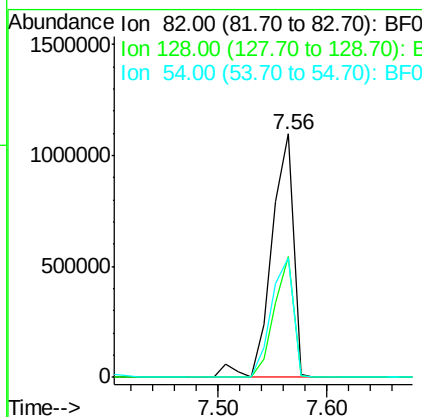
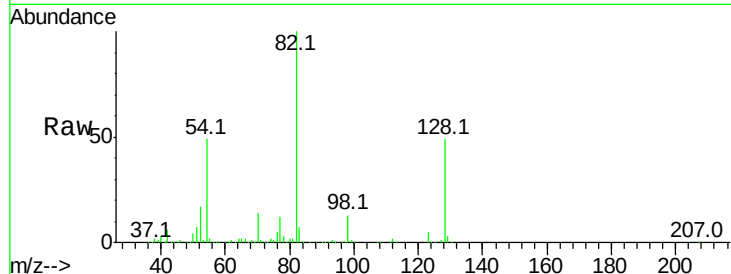


#23
 Nitrobenzene-d5
 Concen: 123.74 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1533715

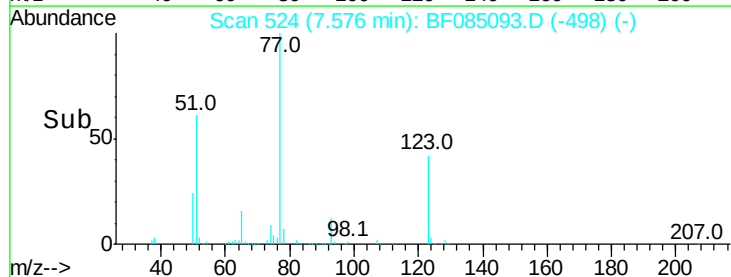
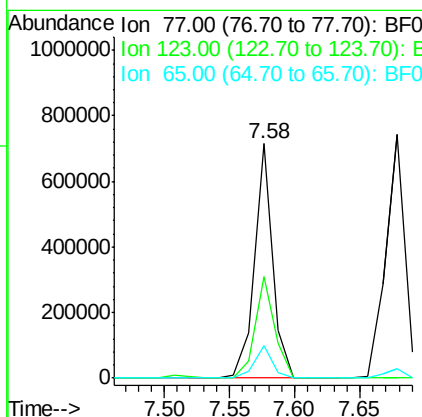
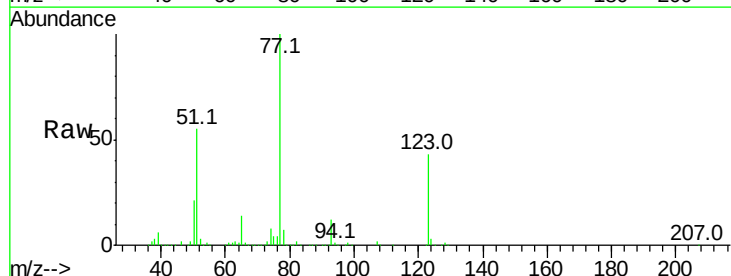
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.8	55.2
54	49.3	44.4	66.6

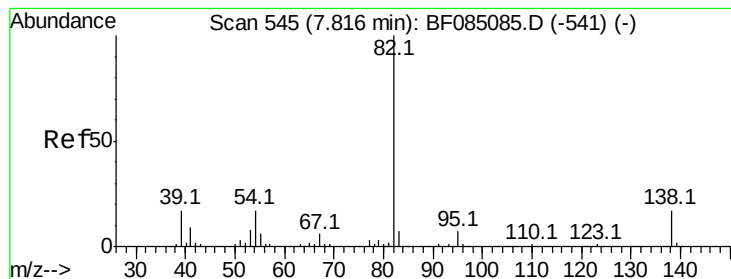


#24
 Nitrobenzene
 Concen: 54.48 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion: 77 Resp: 690577

Ion	Ratio	Lower	Upper
77	100		
123	43.3	36.5	54.7
65	13.9	10.9	16.3





#25

Isophorone

Concen: 53.55 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

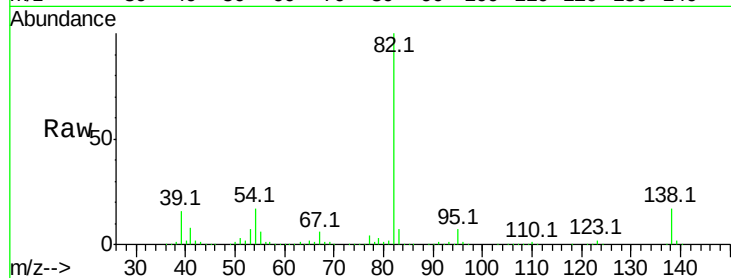
Tot Ion: 82 Resp: 1387123

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

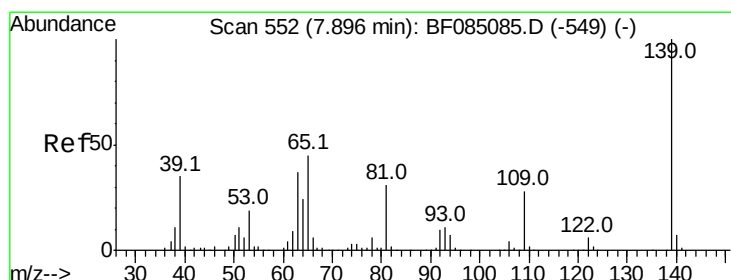
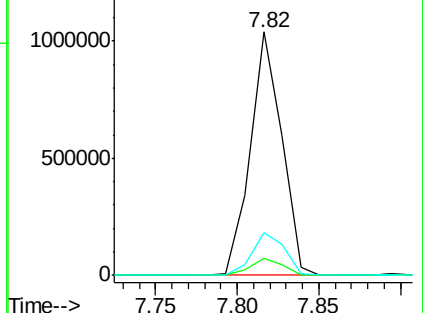
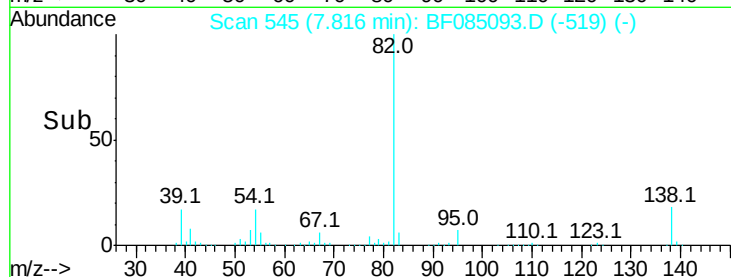
138 17.4 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 65.84 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

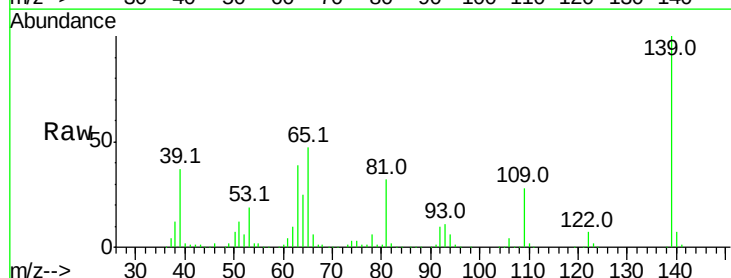
Tgt Ion:139 Resp: 378338

Ion Ratio Lower Upper

139 100

109 27.7 23.4 35.2

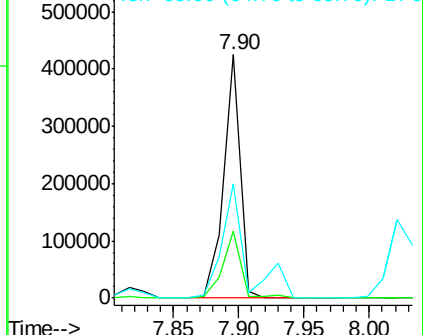
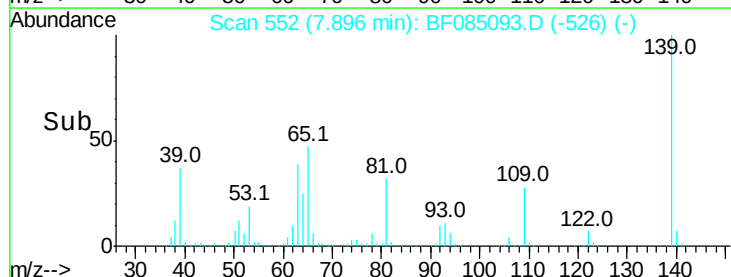
65 47.1 42.3 63.5

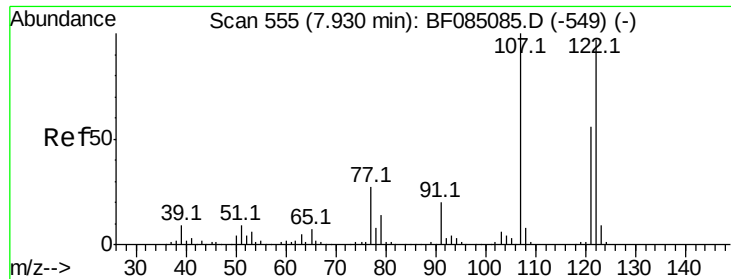


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

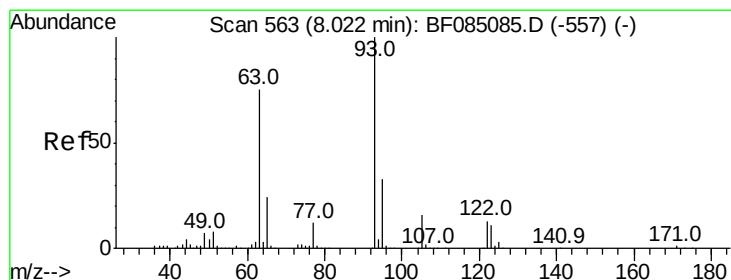
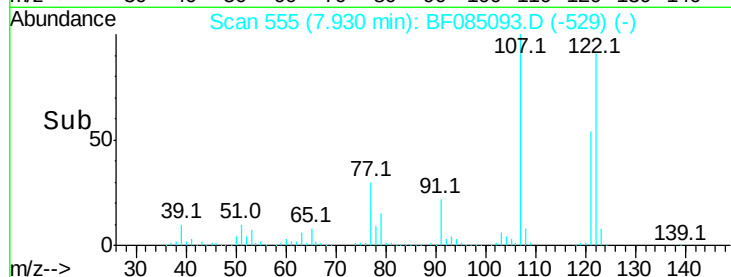
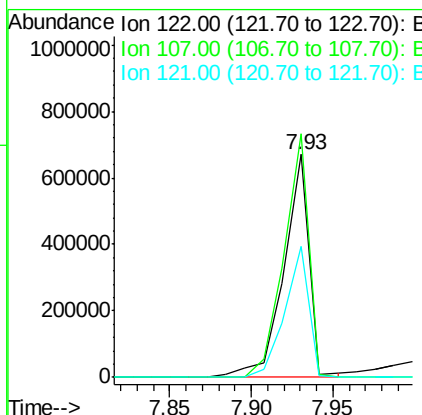
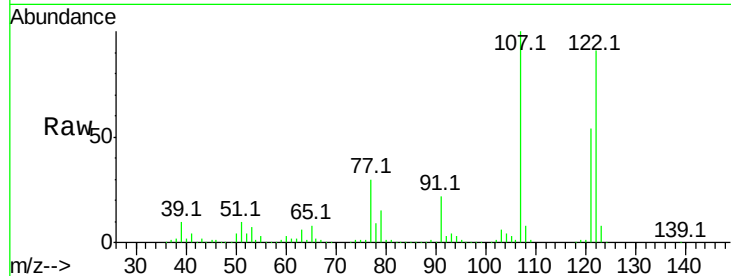




#27
2,4-Dimethylphenol
Concen: 58.90 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

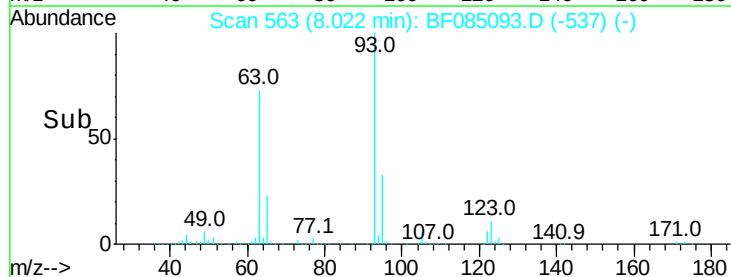
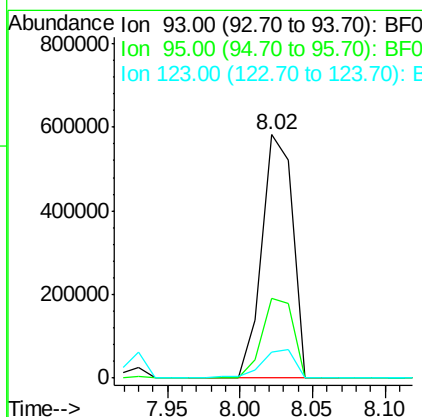
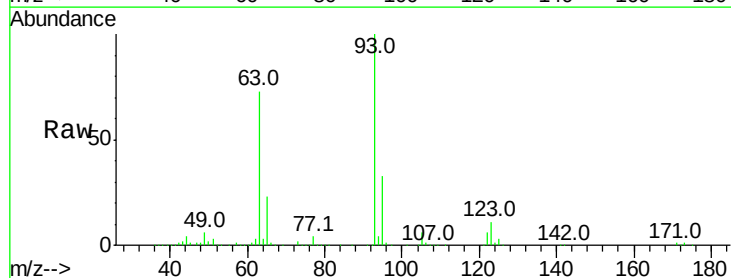
Instrument :
BNA_F
ClientSampled :

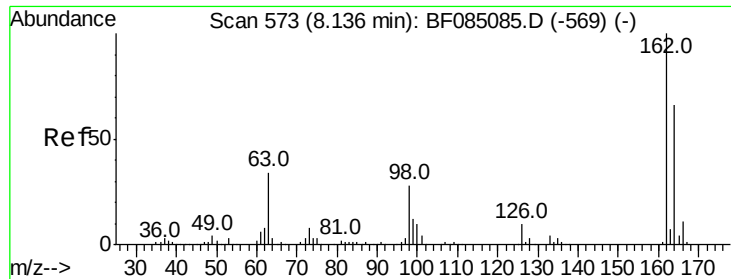
Tot Ion:122 Resp: 724898
Ion Ratio Lower Upper
122 100
107 109.4 91.8 137.8
121 59.0 45.0 67.4



#28
bis(2-Chloroethoxy)methane
Concen: 55.55 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion: 93 Resp: 853286
Ion Ratio Lower Upper
93 100
95 32.9 25.6 38.4
123 10.8 8.7 13.1

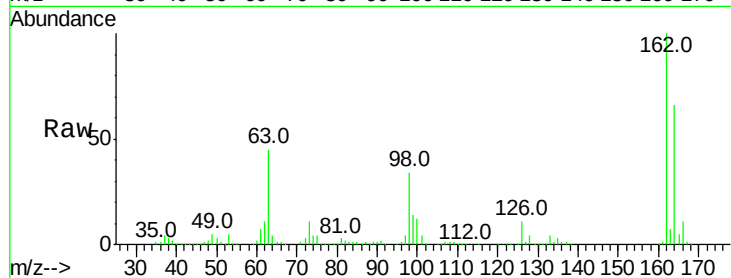




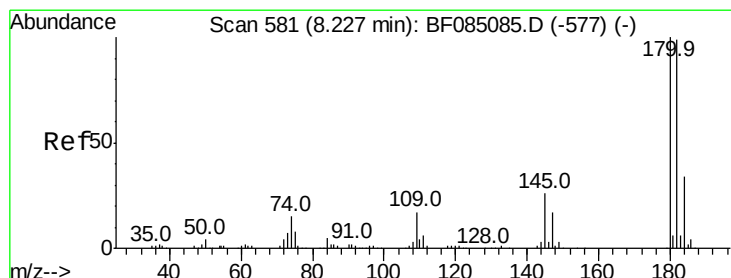
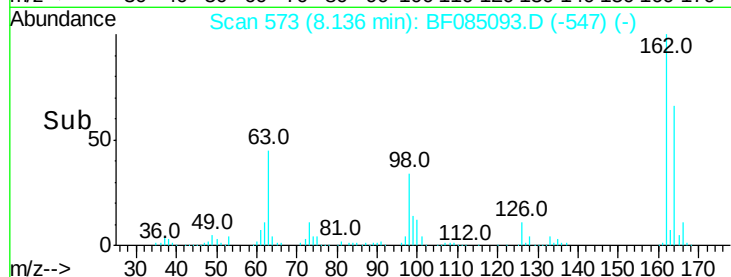
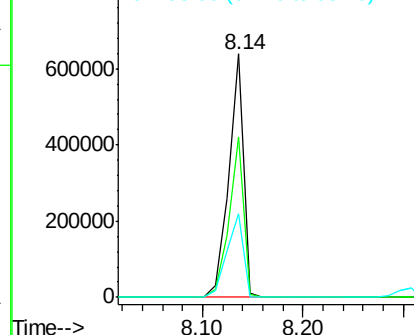
#29
 2,4-Dichlorophenol
 Concen: 61.16 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.8	82.8
98	34.3	17.6	57.6

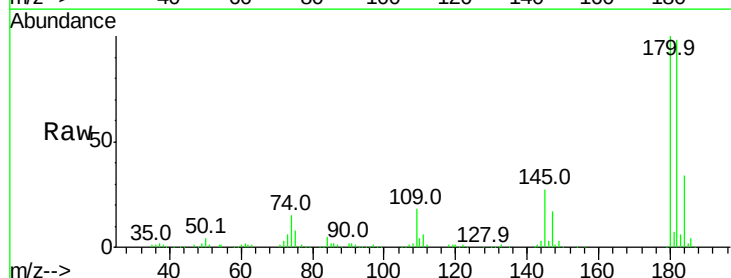


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

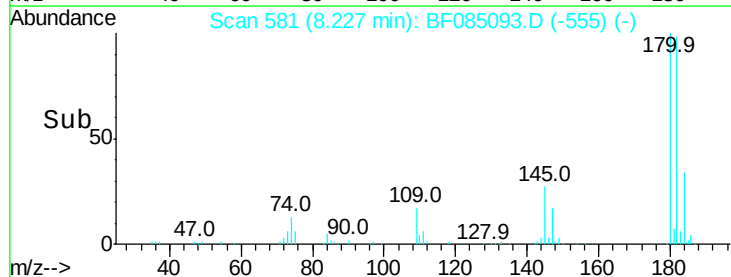
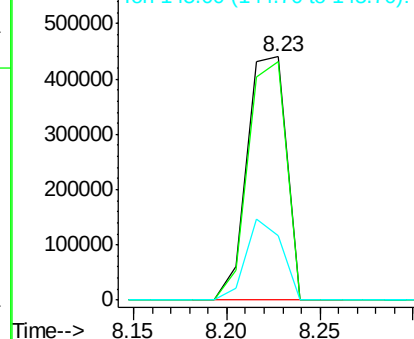


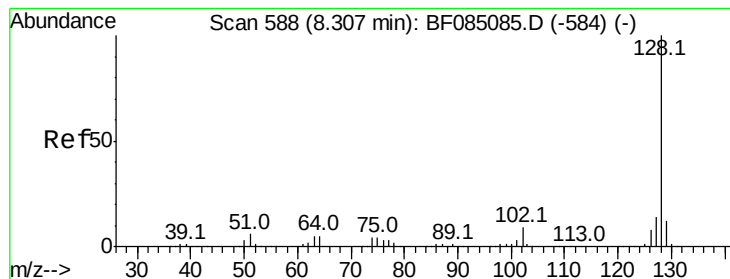
#30
 1,2,4-Trichlorobenzene
 Concen: 52.94 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	75.8	113.8
145	26.6	25.9	38.9



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: 55.02 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

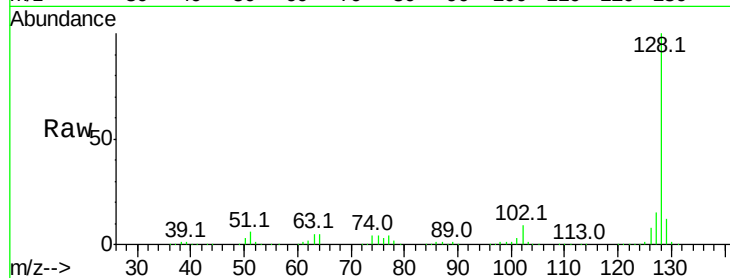
Tot Ion:128 Resp: 2008838

Ion Ratio Lower Upper

128 100

129 12.0 9.2 13.8

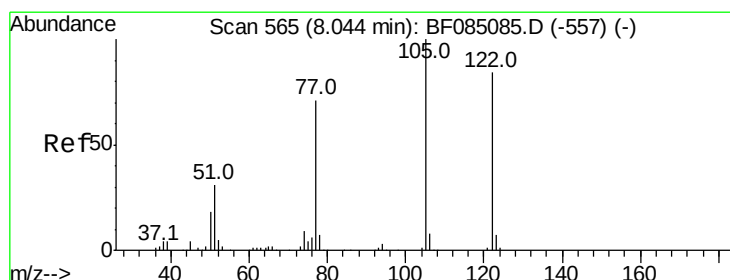
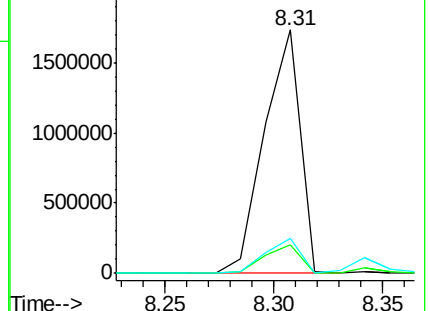
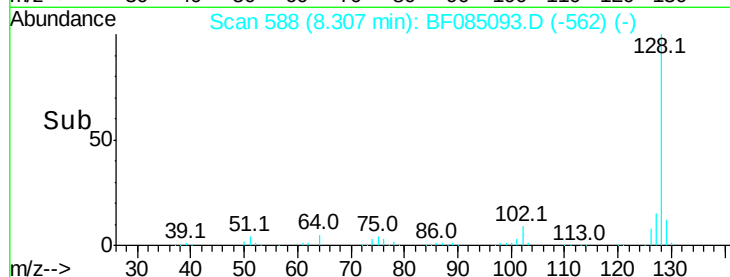
127 14.5 10.3 15.5



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: 21.17 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

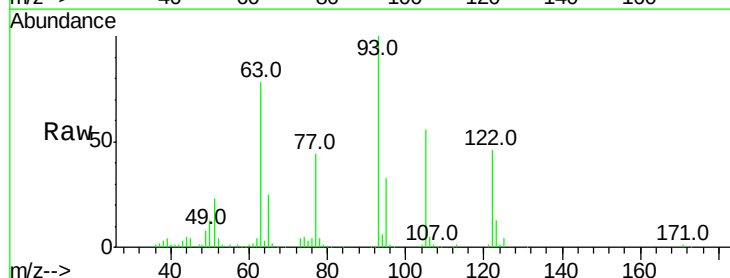
Tgt Ion:122 Resp: 155743

Ion Ratio Lower Upper

122 100

105 120.9 101.3 141.3

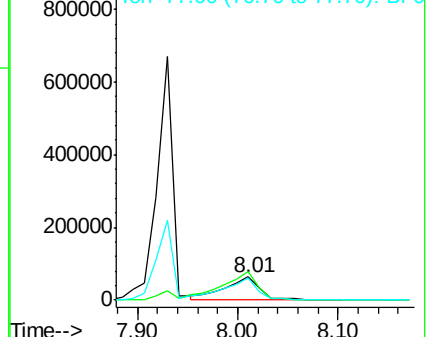
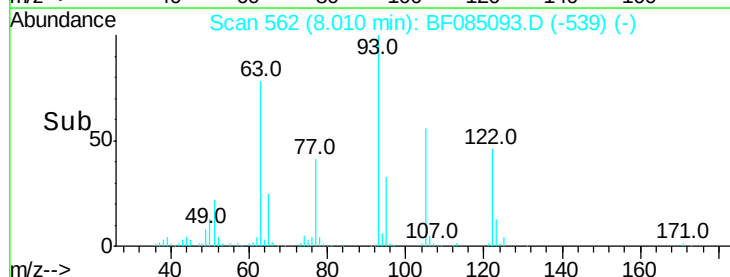
77 95.0 70.0 110.0

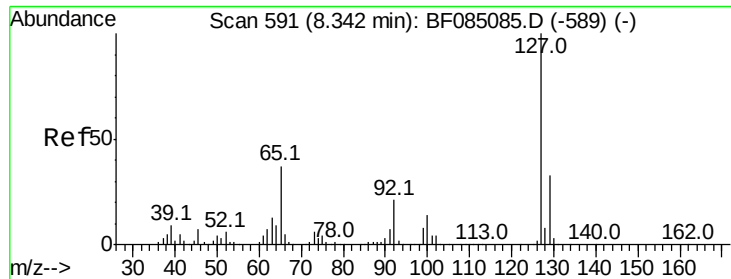


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

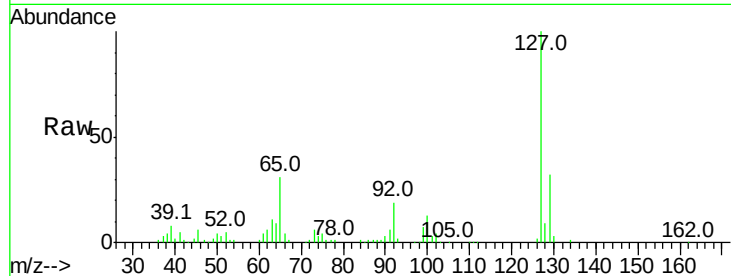




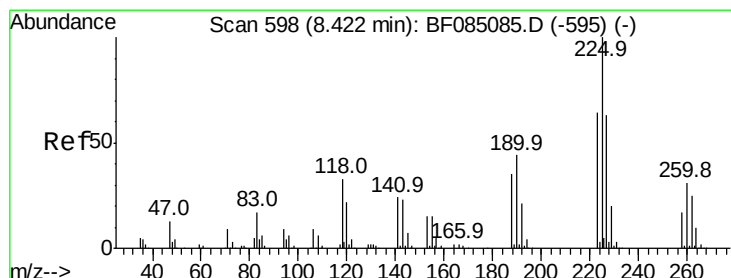
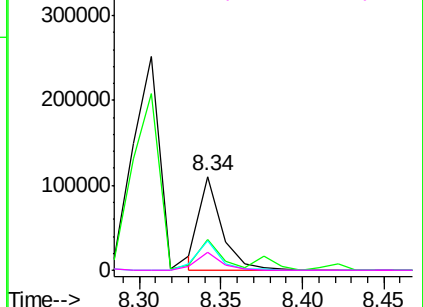
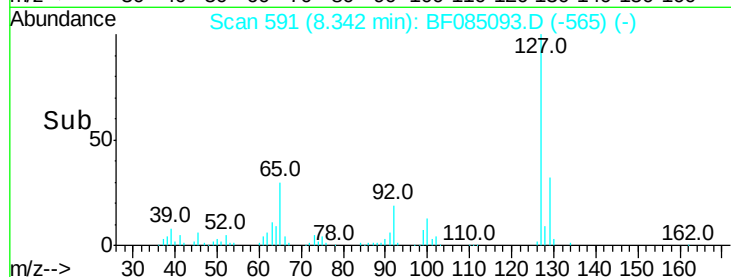
#33
4-Chloroaniline
Concen: 6.78 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	106310
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	30.8	24.7	37.1
92	19.3	15.1	22.7

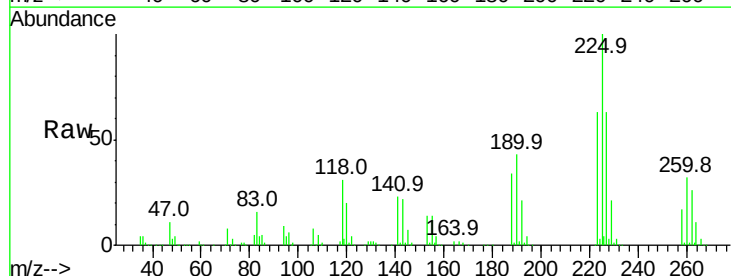


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

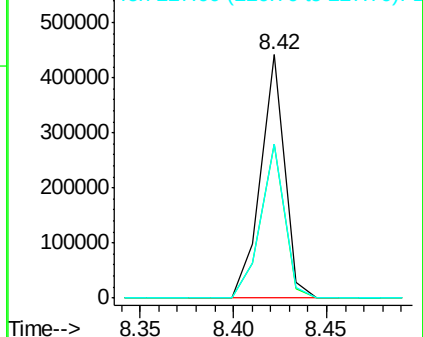
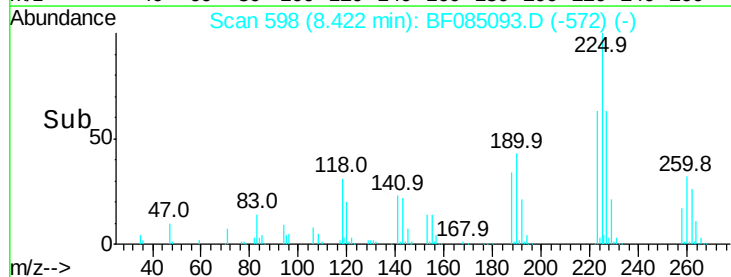


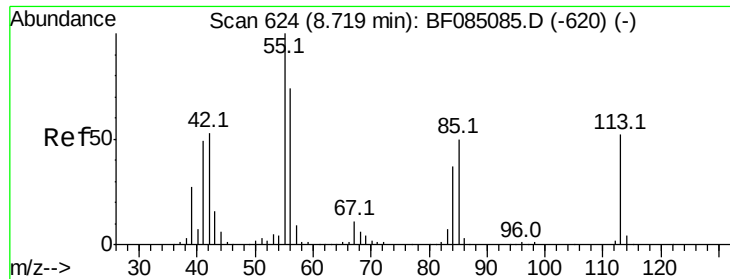
#34
Hexachlorobutadiene
Concen: 53.39 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:	225	Resp:	390158
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.6	73.0
227	63.3	48.9	73.3



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

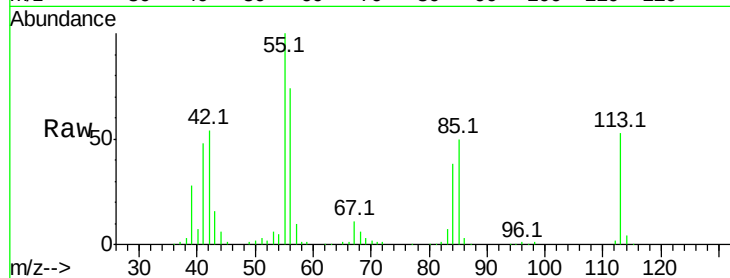




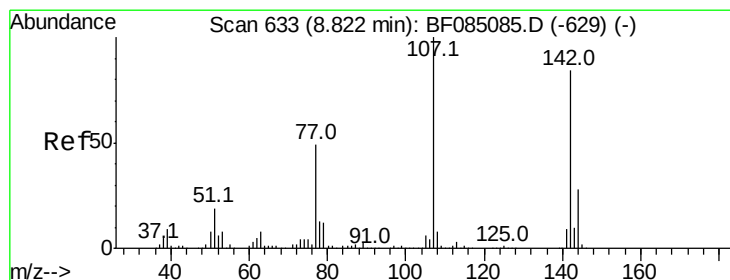
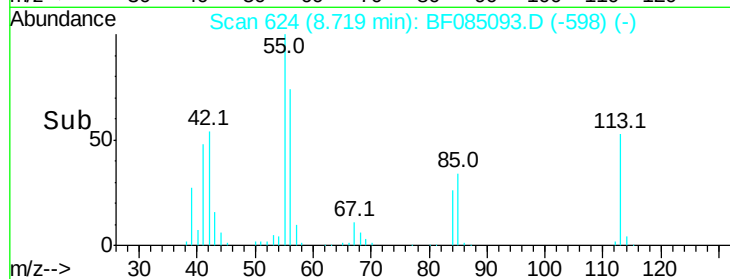
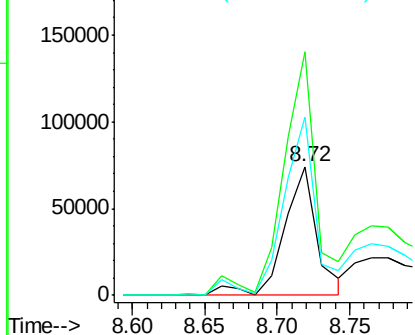
#35
 Caprolactam
 Concen: 36.64 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 116143
 Ion Ratio Lower Upper
 113 100
 55 188.9 173.1 213.1
 56 138.9 132.9 172.9

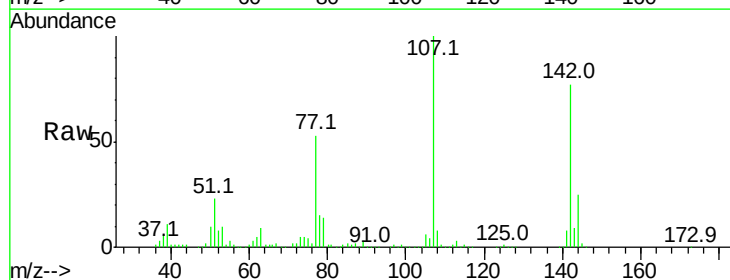


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

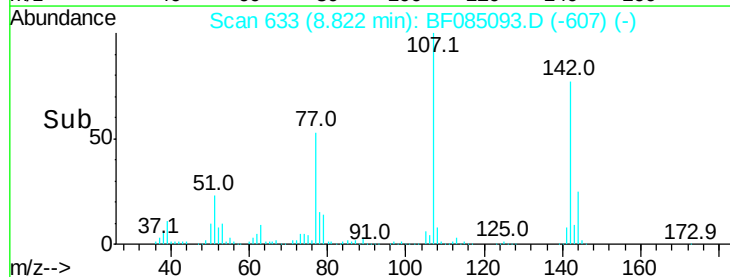
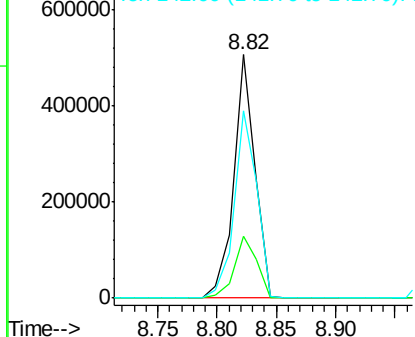


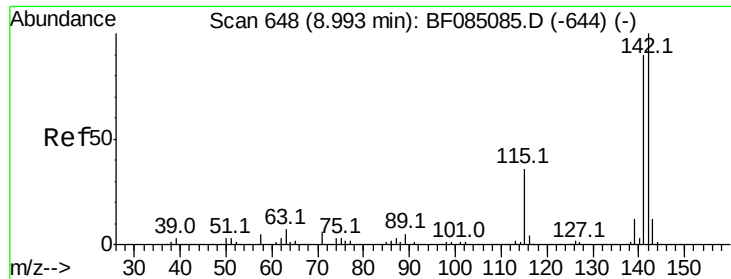
#36
 4-Chloro-3-methylphenol
 Concen: 54.93 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:107 Resp: 629615
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.2 28.8
 142 77.0 60.6 91.0



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

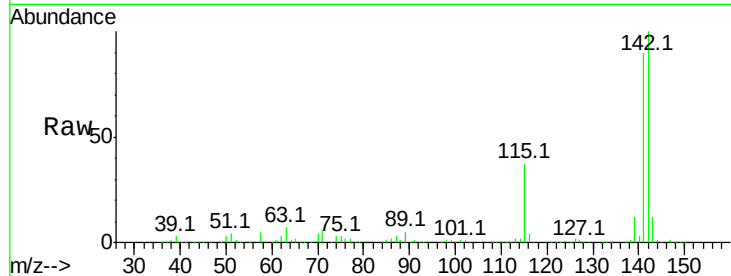




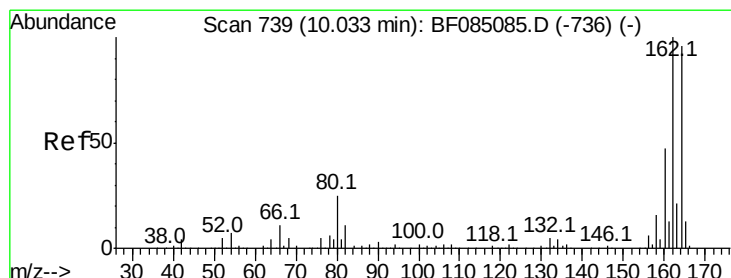
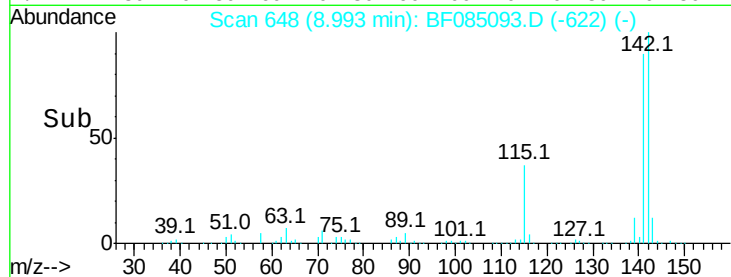
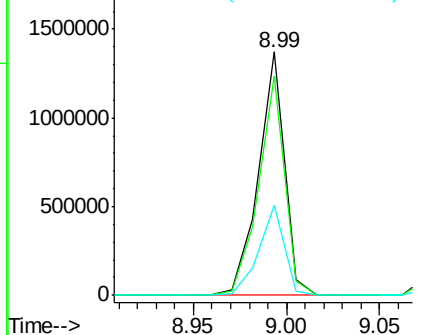
#37
2-Methylnaphthalene
Concen: 55.58 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1319443
Ion Ratio Lower Upper
142 100
141 89.9 69.6 104.4
115 36.8 27.9 41.9

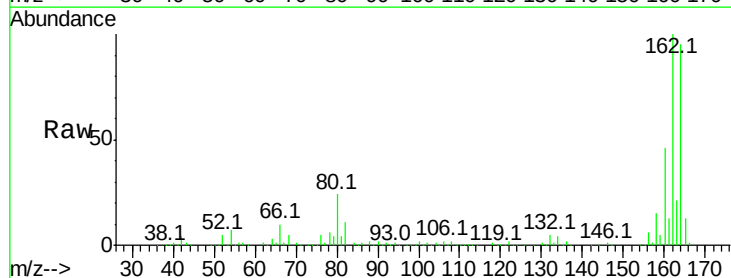


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

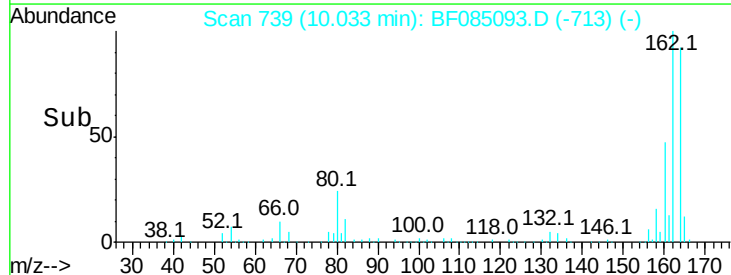
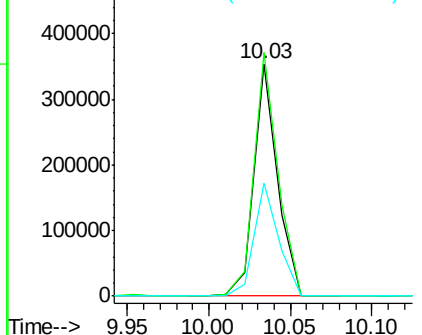


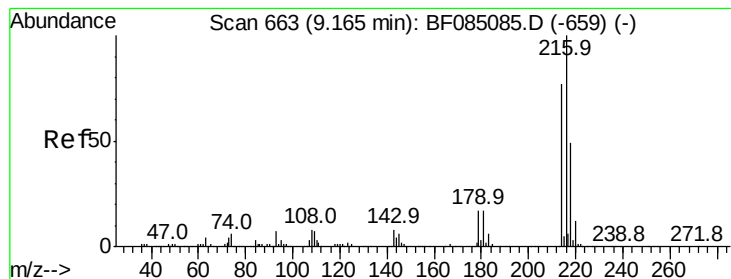
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:164 Resp: 353887
Ion Ratio Lower Upper
164 100
162 104.8 81.1 121.7
160 48.7 37.4 56.0



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: 54.30 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 653959

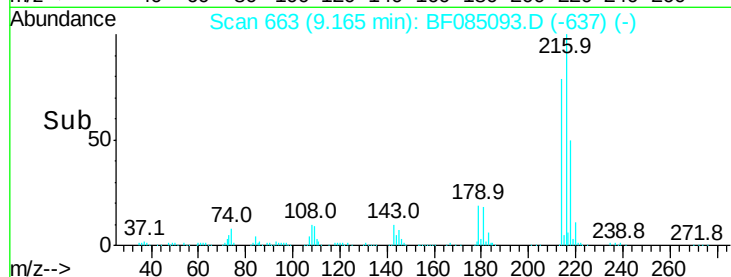
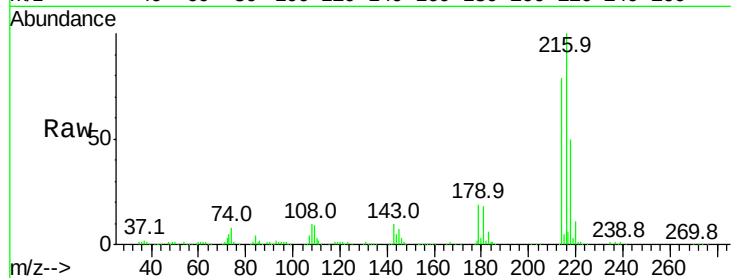
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.2	93.2
179	20.5	18.1	27.1
108	19.2	15.7	23.5

216 100

214 79.0 62.2 93.2

179 20.5 18.1 27.1

108 19.2 15.7 23.5

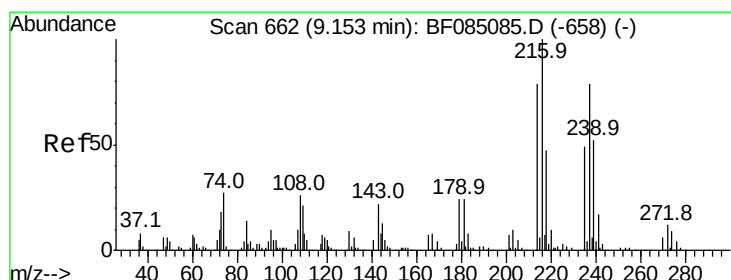
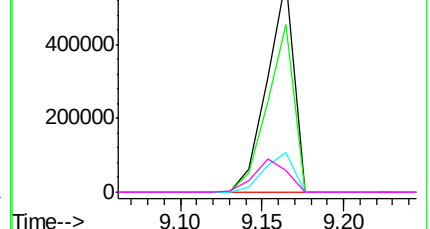


Abundance Ion 216.00 (215.70 to 216.70): E

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: 117.24 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

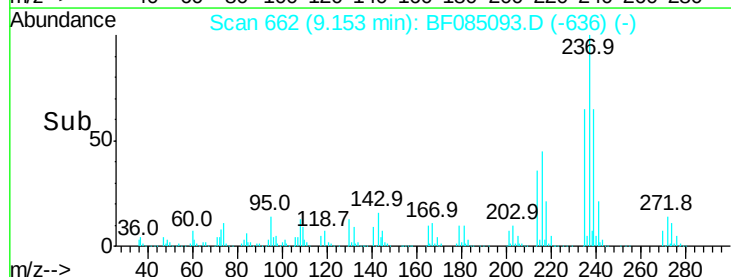
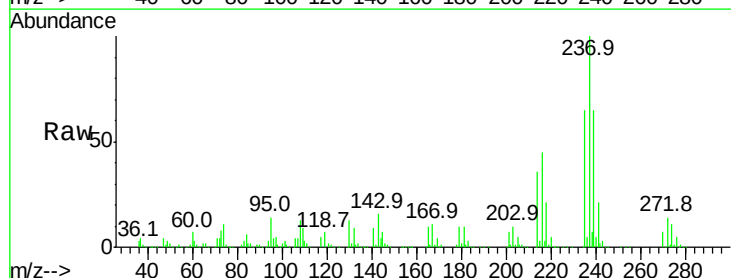
Tgt Ion:237 Resp: 756994

Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.8	0.0	31.8

237 100

235 64.5 44.8 84.8

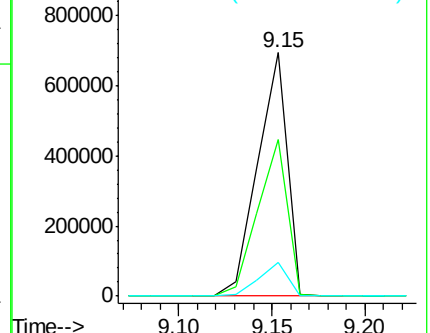
272 13.8 0.0 31.8

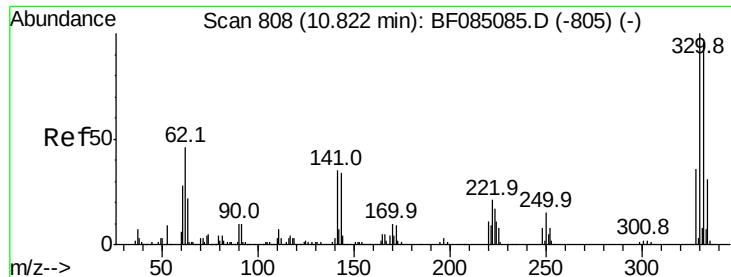


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

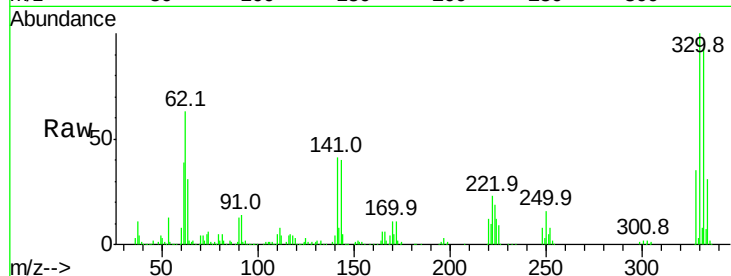




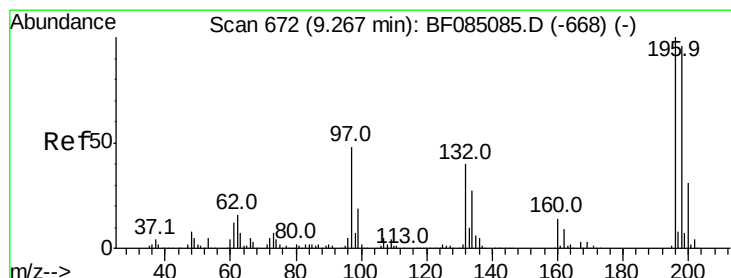
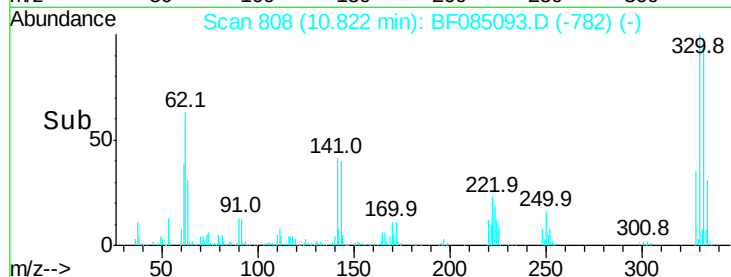
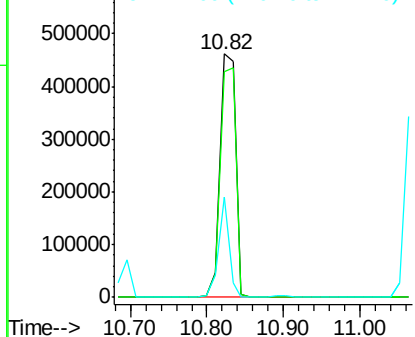
#41
 2,4,6-Tribromophenol
 Concen: 177.08 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 665302
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.5 117.7
 141 27.5 28.6 42.8#

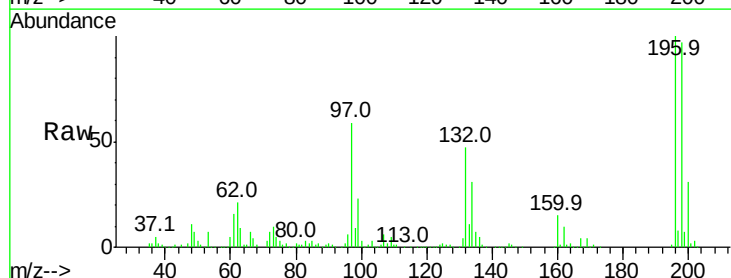


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

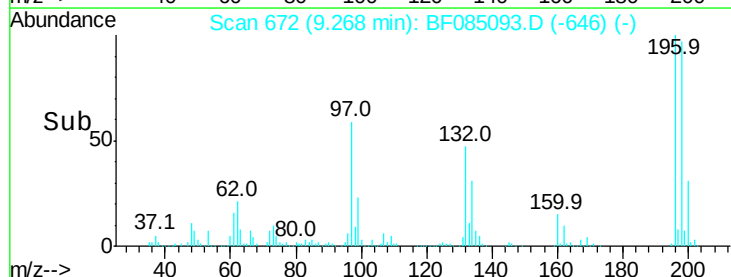
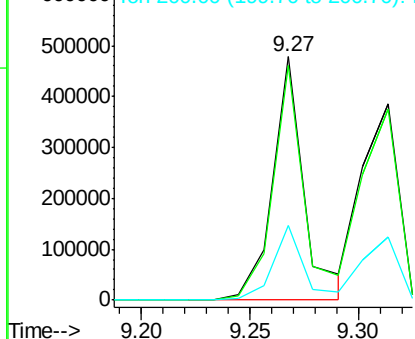


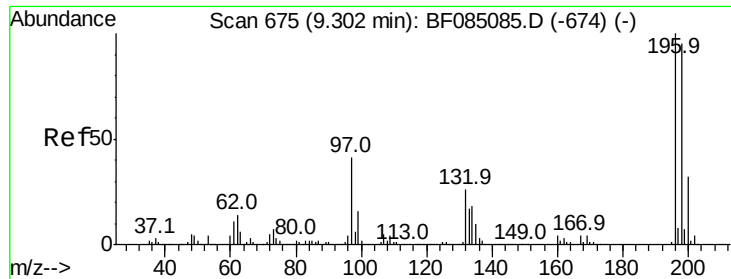
#42
 2,4,6-Trichlorophenol
 Concen: 63.43 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:196 Resp: 485145
 Ion Ratio Lower Upper
 196 100
 198 96.6 81.0 121.6
 200 30.9 26.3 39.5



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

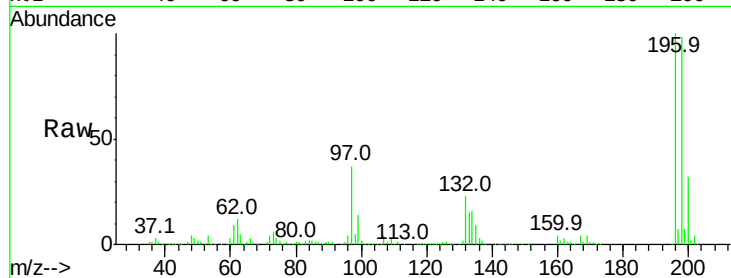




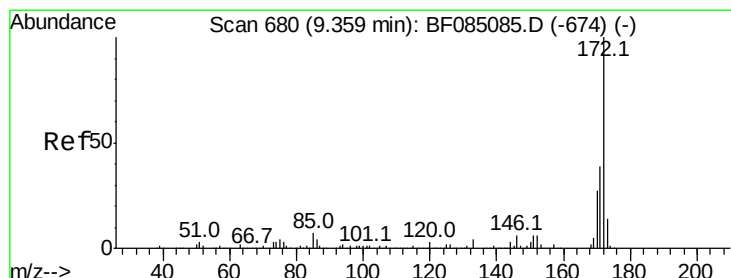
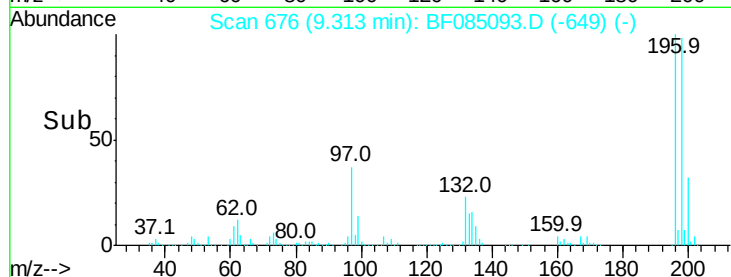
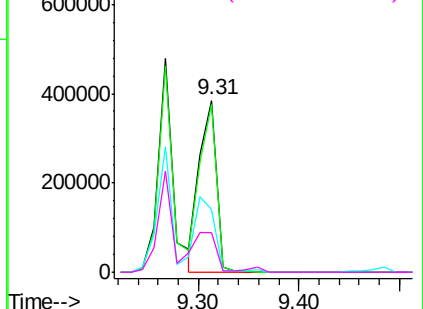
#43
 2,4,5-Trichlorophenol
 Concen: 60.30 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 454433
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.7 119.5
 97 36.7 47.0 70.4#
 132 23.3 26.4 39.6#

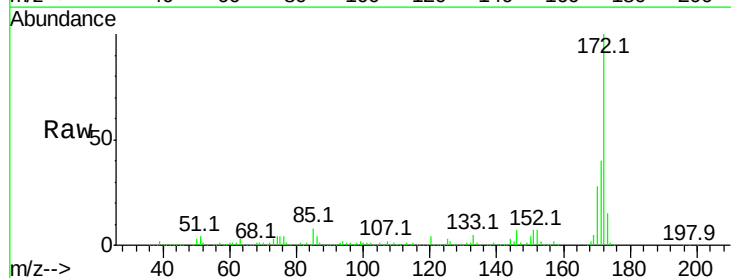


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

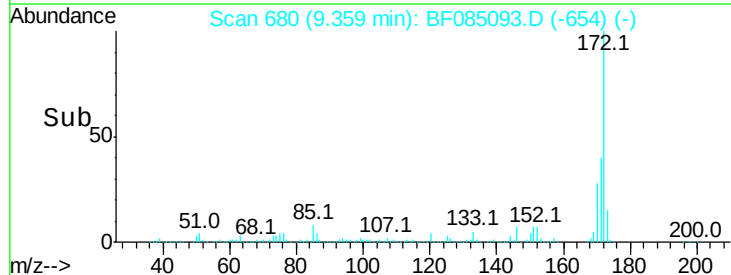
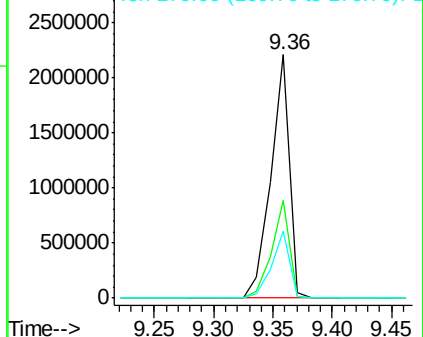


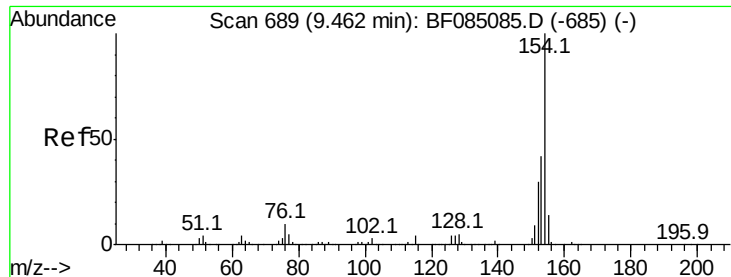
#44
 2-Fluorobiphenyl
 Concen: 100.24 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:172 Resp: 2400538
 Ion Ratio Lower Upper
 172 100
 171 39.9 29.1 43.7
 170 27.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 55.91 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampled :

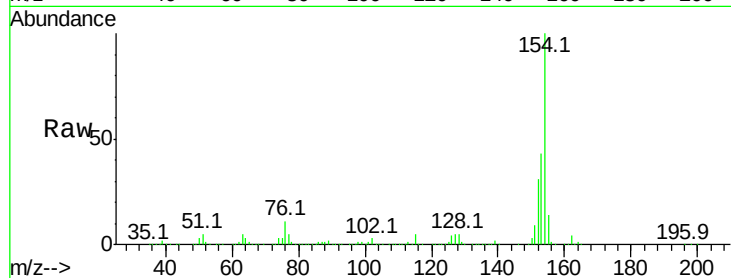
Tot Ion:154 Resp: 1692338

Ion Ratio Lower Upper

154 100

153 43.1 19.9 59.9

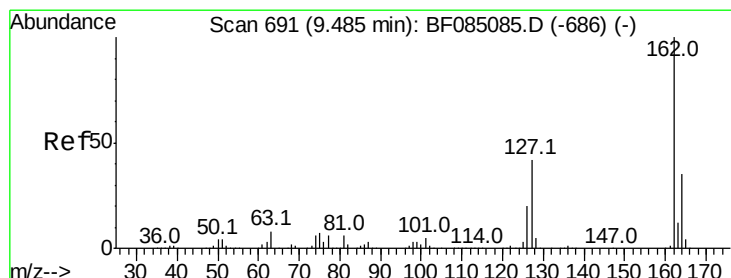
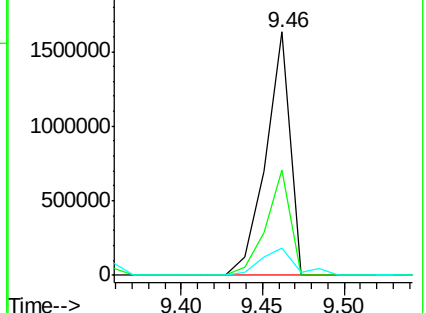
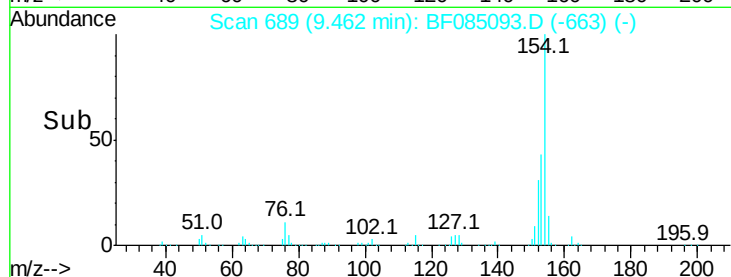
76 11.1 0.0 31.6



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: 56.75 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

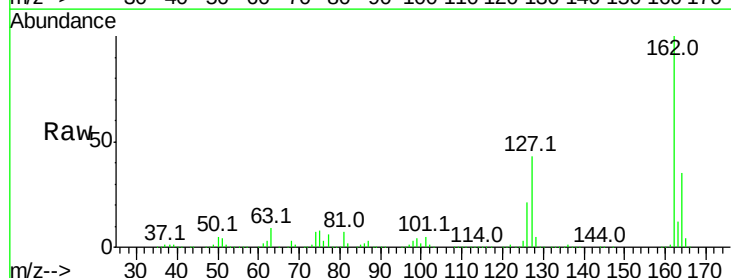
Tgt Ion:162 Resp: 1263894

Ion Ratio Lower Upper

162 100

127 42.6 34.8 52.2

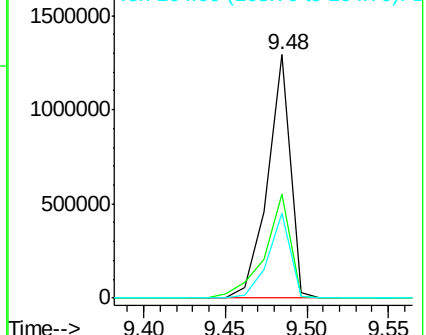
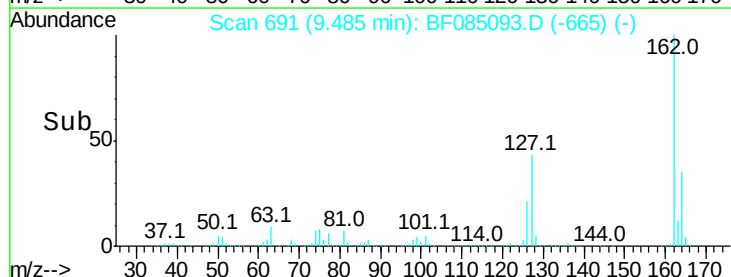
164 34.8 25.8 38.6

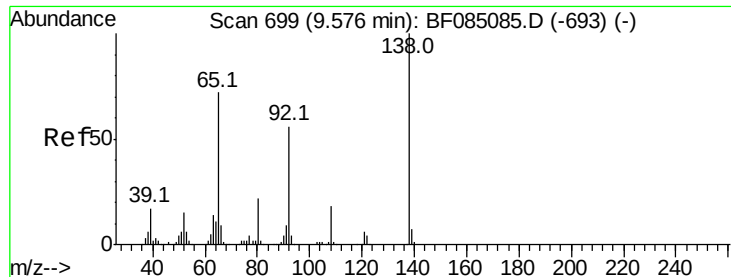


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 60.08 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

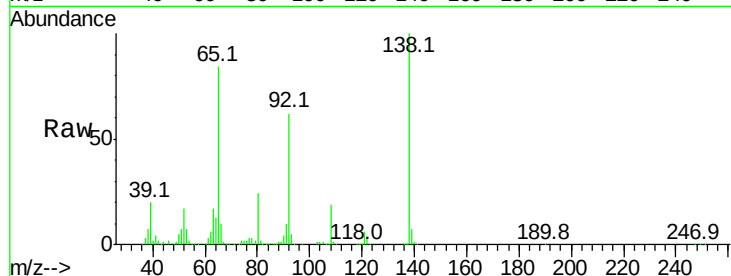
Tot Ion: 65 Resp: 422260

Ion Ratio Lower Upper

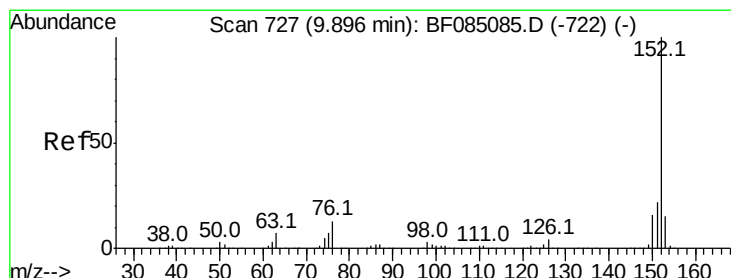
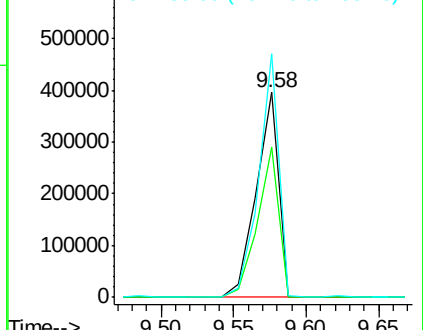
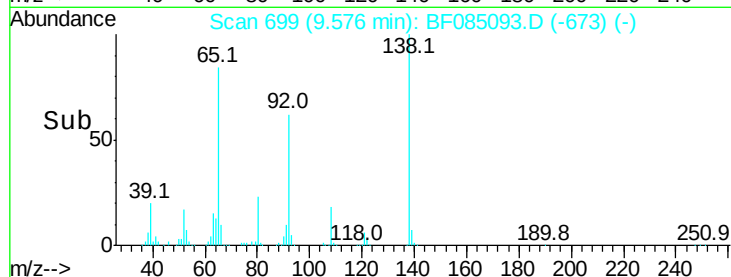
65 100

92 73.5 57.1 85.7

138 118.9 86.8 130.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 52.44 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

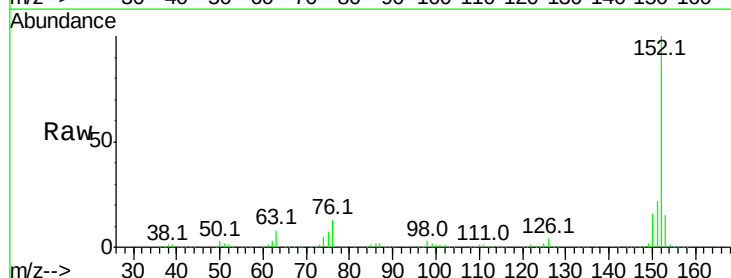
Tgt Ion:152 Resp: 1888121

Ion Ratio Lower Upper

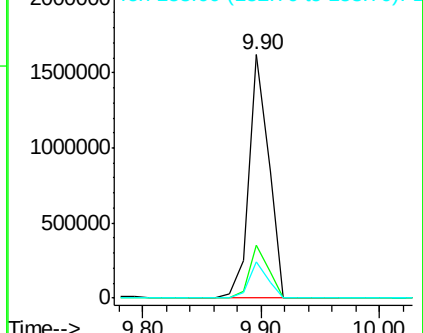
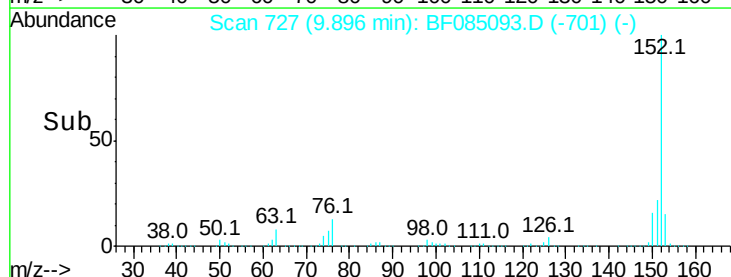
152 100

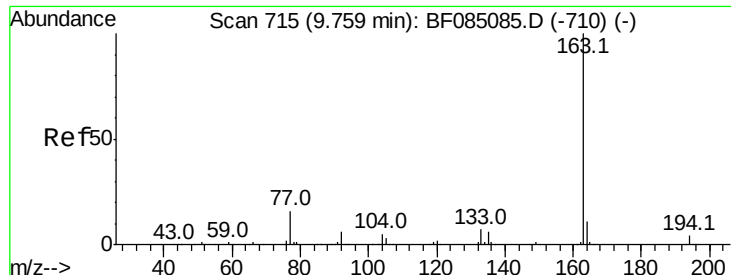
151 22.0 16.0 24.0

153 14.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

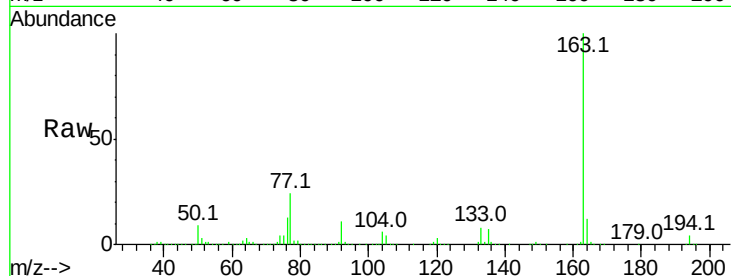




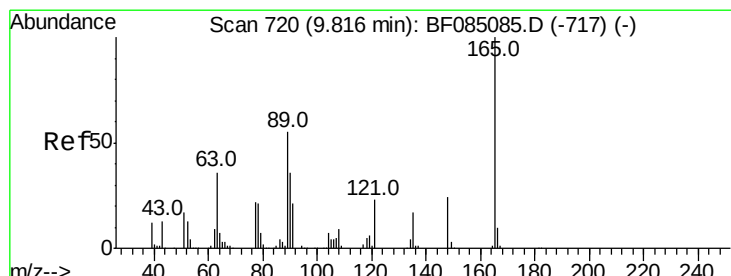
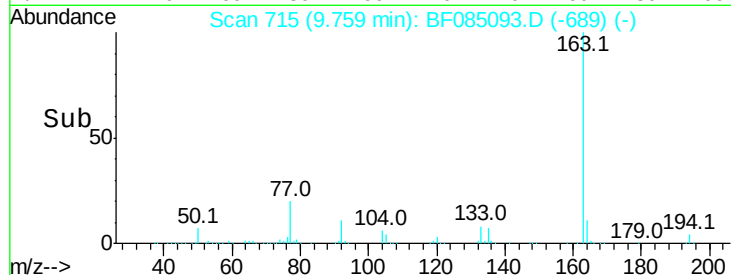
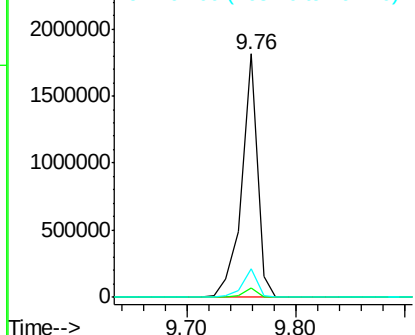
#49
Dimethylphthalate
Concen: 68.89 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1789282
Ion Ratio Lower Upper
163 100
194 4.0 2.5 3.7#
164 11.7 7.8 11.8

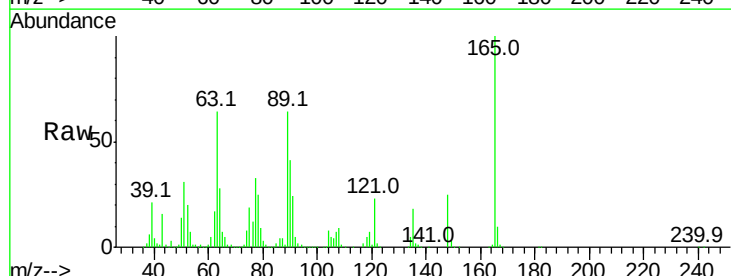


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

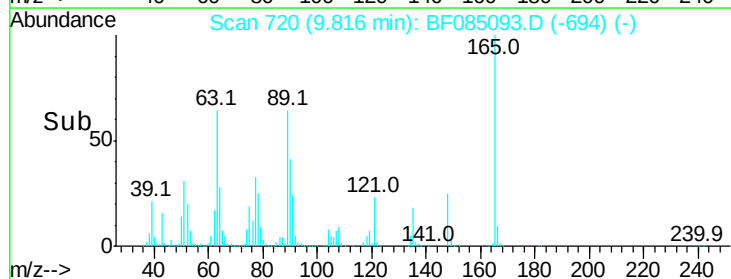
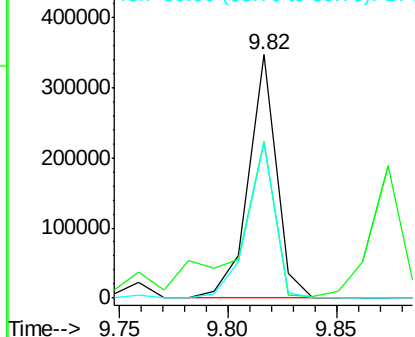


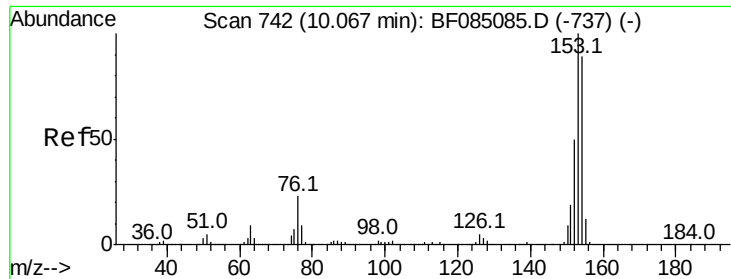
#50
2,6-Dinitrotoluene
Concen: 56.73 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:165 Resp: 310290
Ion Ratio Lower Upper
165 100
63 64.3 47.5 71.3
89 63.5 42.9 64.3



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: 58.26 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

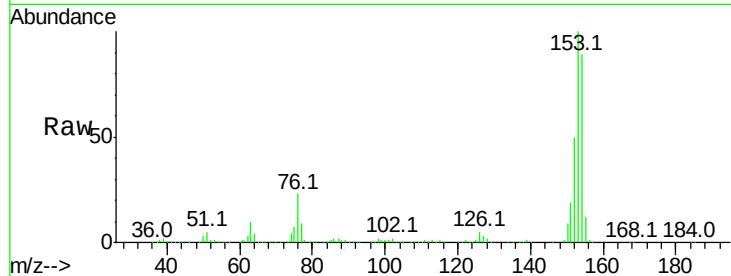
Tot Ion:154 Resp: 1293156

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

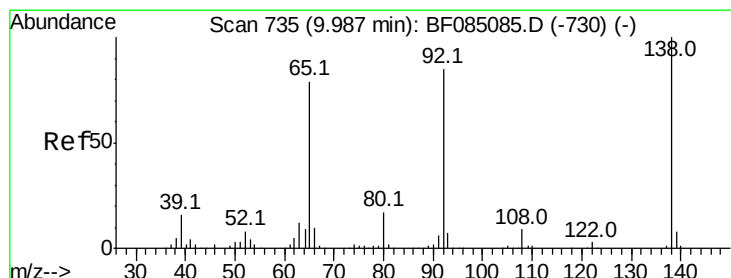
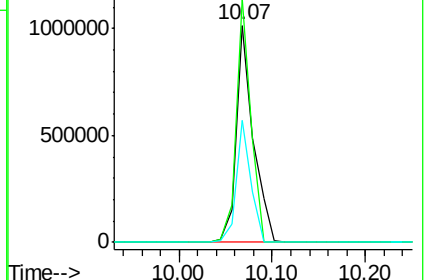
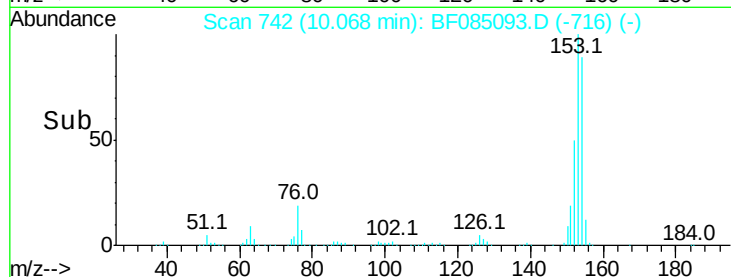
152 56.1 40.7 61.1



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: 20.51 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

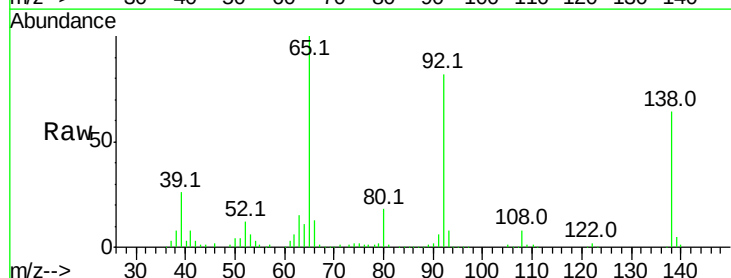
Tgt Ion:138 Resp: 127082

Ion Ratio Lower Upper

138 100

108 12.4 9.1 13.7

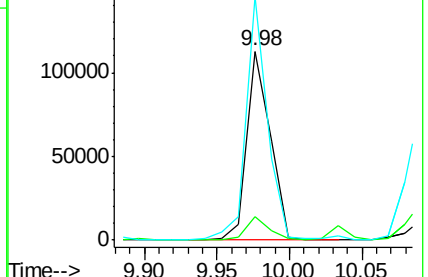
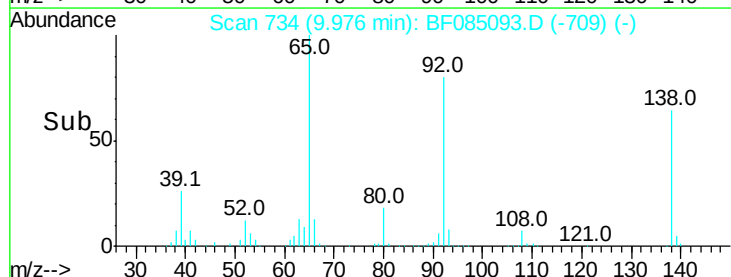
92 128.8 88.9 133.3

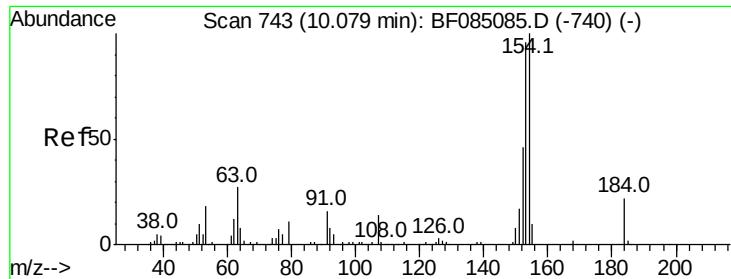


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

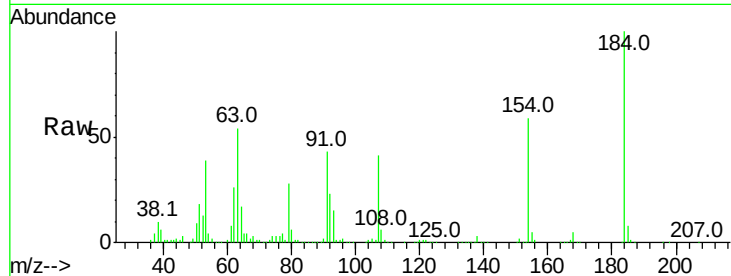




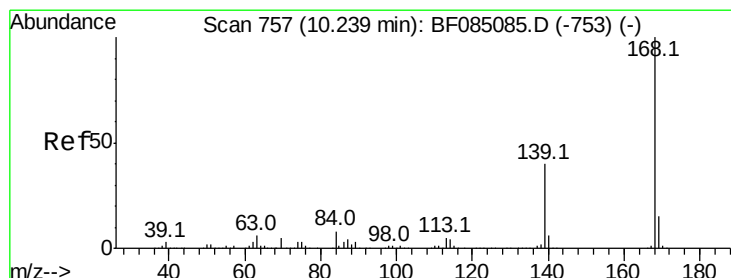
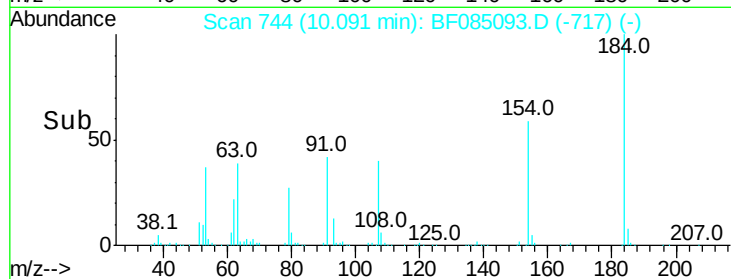
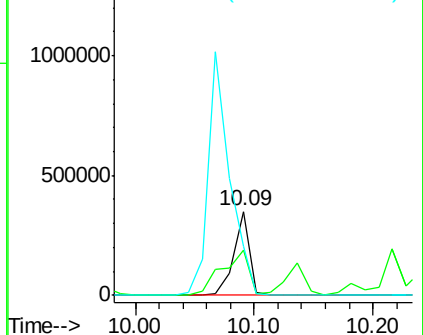
#53
2,4-Dinitrophenol
Concen: 91.11 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 319846
Ion Ratio Lower Upper
184 100
63 54.3 60.6 90.8#
154 58.5 70.2 105.2#

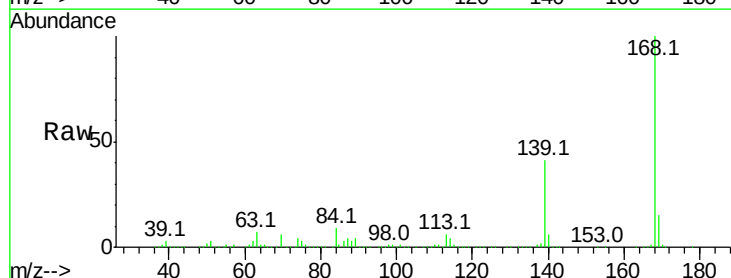


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

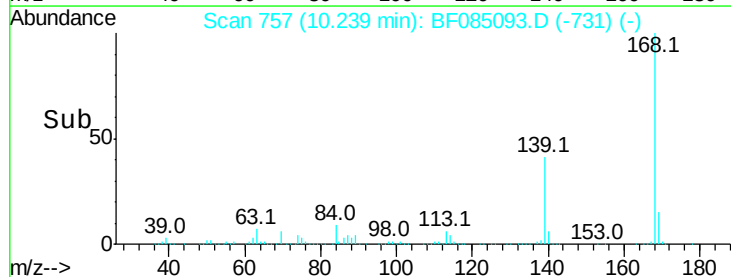
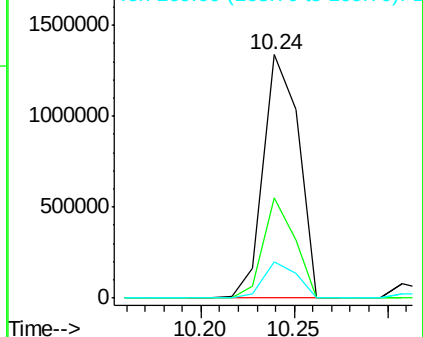


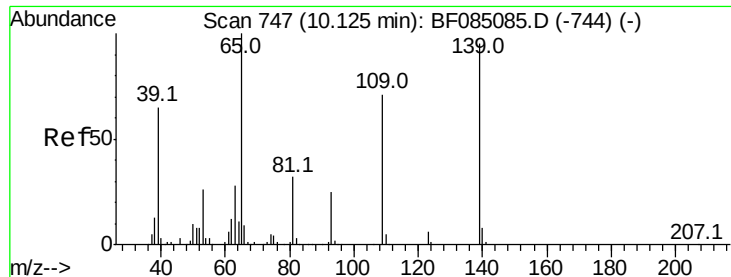
#54
Dibenzofuran
Concen: 59.12 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:168 Resp: 1752630
Ion Ratio Lower Upper
168 100
139 41.4 33.0 49.4
169 14.8 10.9 16.3



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

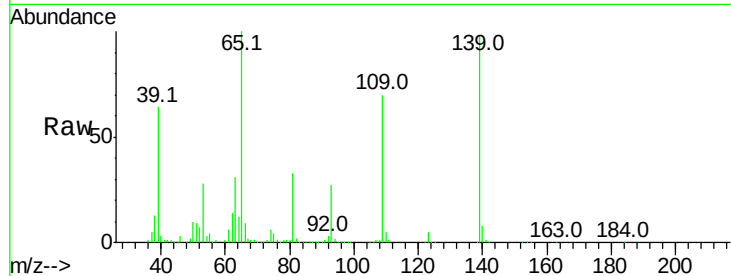




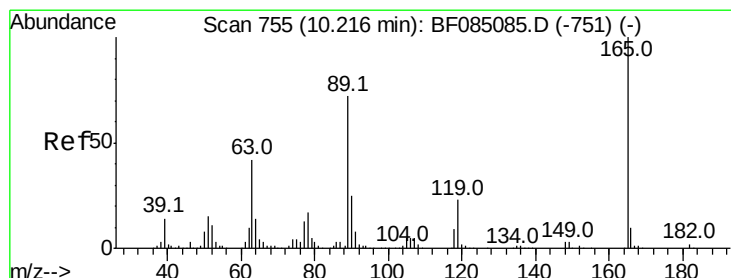
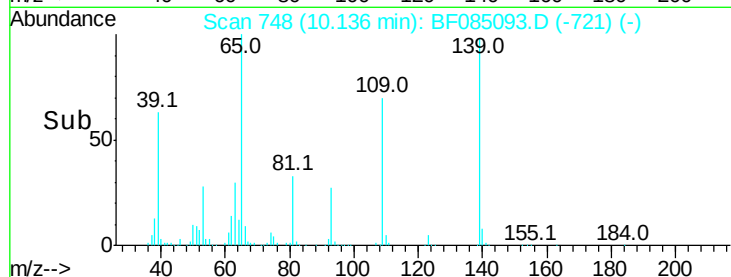
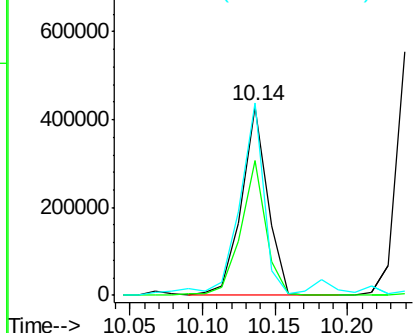
#55
4-Nitrophenol
Concen: 109.05 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 535453
Ion Ratio Lower Upper
139 100
109 71.4 48.7 88.7
65 102.1 78.8 118.8

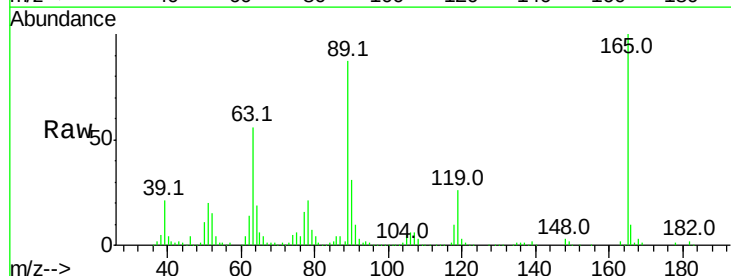


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

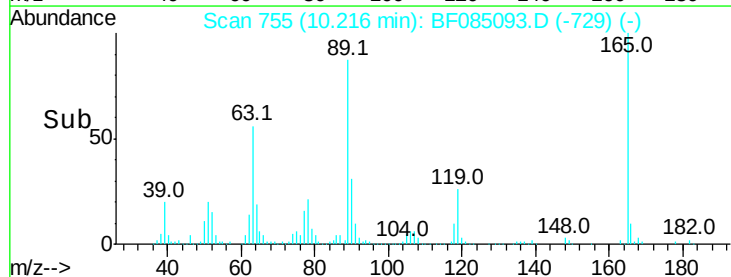
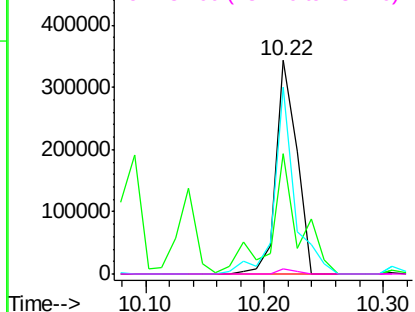


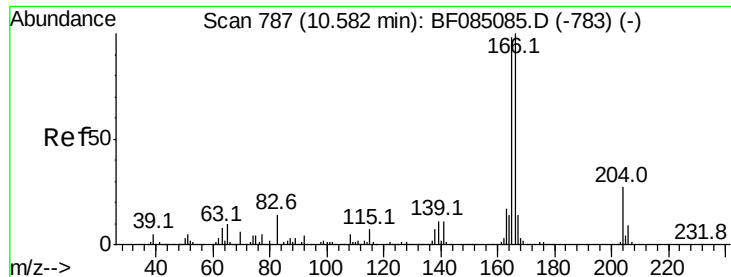
#56
2,4-Dinitrotoluene
Concen: 60.93 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:165 Resp: 410675
Ion Ratio Lower Upper
165 100
63 56.5 36.6 55.0#
89 87.2 54.4 81.6#
182 2.2 1.6 2.4



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: 51.55 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampled :

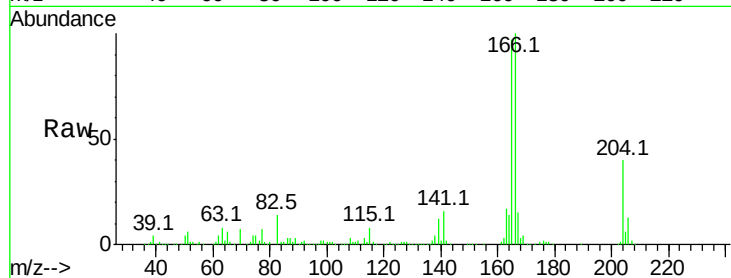
Tot Ion:166 Resp: 1259232

Ion Ratio Lower Upper

166 100

165 96.8 78.9 118.3

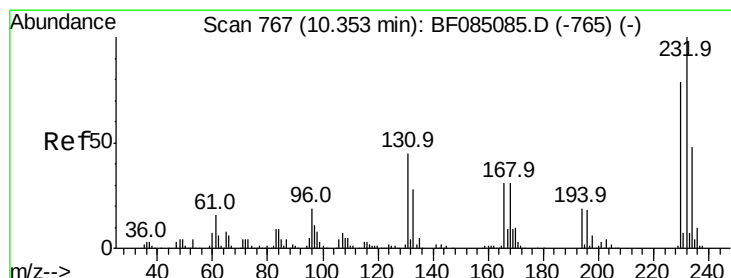
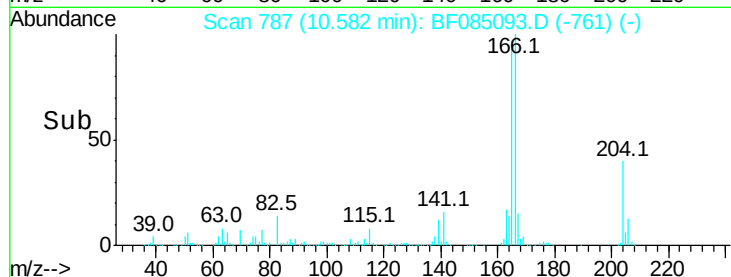
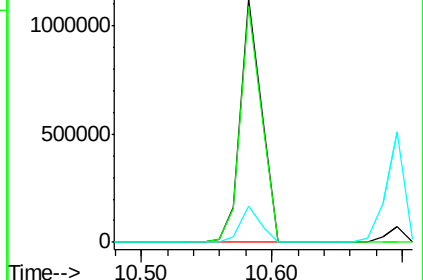
167 14.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 63.87 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:232 Resp: 392920

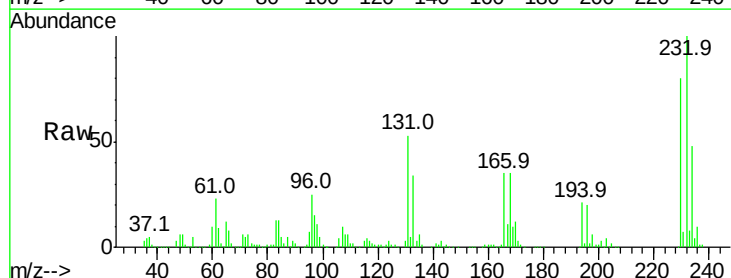
Ion Ratio Lower Upper

232 100

131 45.7 39.7 59.5

130 2.2 1.8 2.8

166 29.6 24.2 36.2

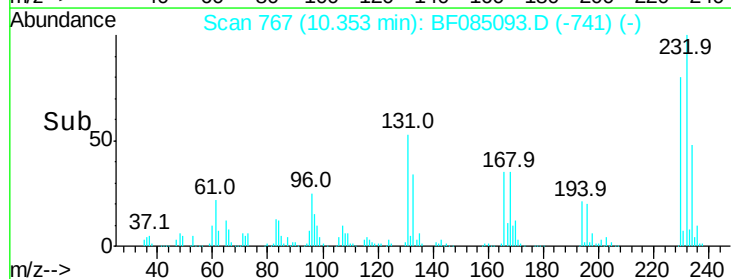
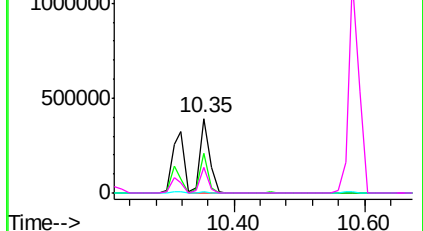


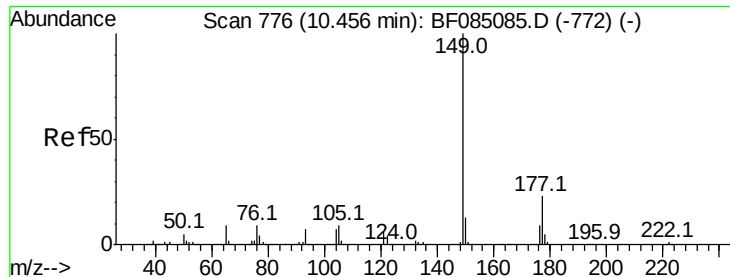
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 52.22 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

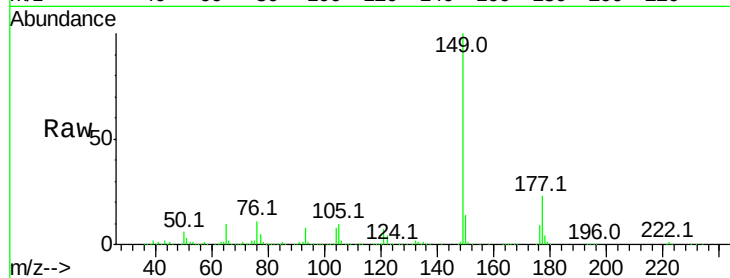
Tot Ion:149 Resp: 1401284

Ion Ratio Lower Upper

149 100

177 22.6 16.4 24.6

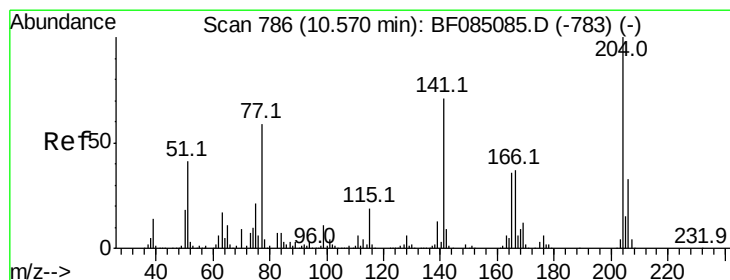
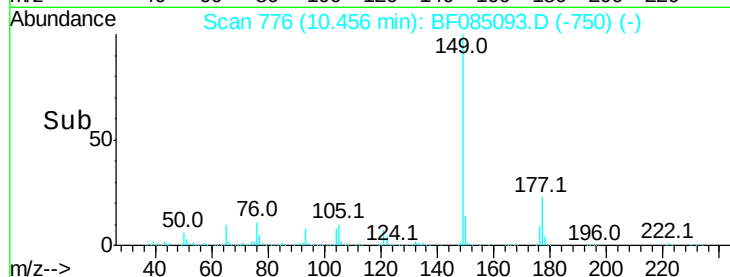
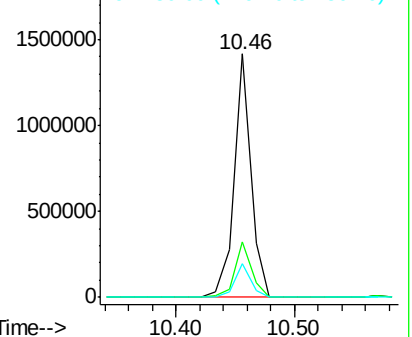
150 13.7 10.2 15.4



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: 52.84 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

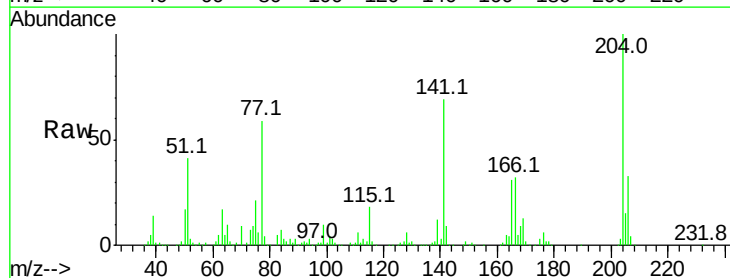
Tgt Ion:204 Resp: 666941

Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.6

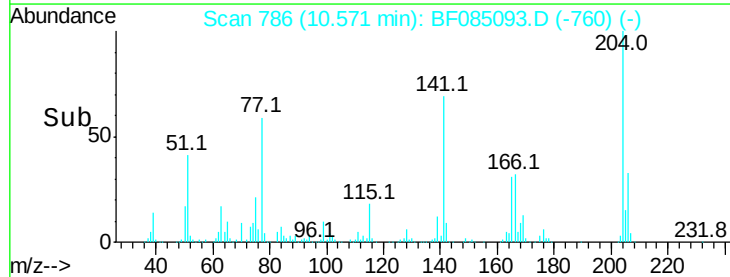
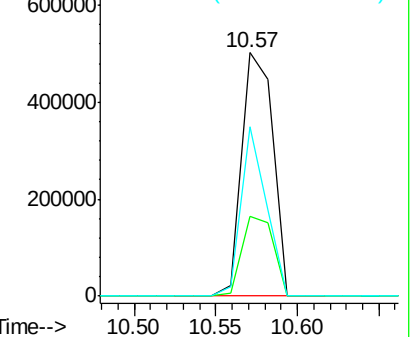
141 69.4 50.5 75.7

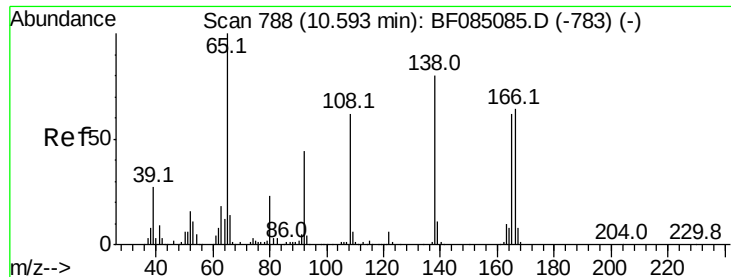


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

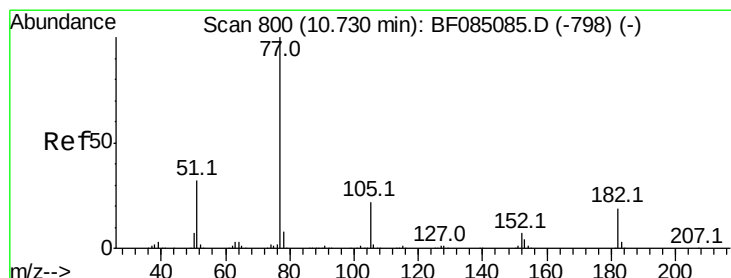
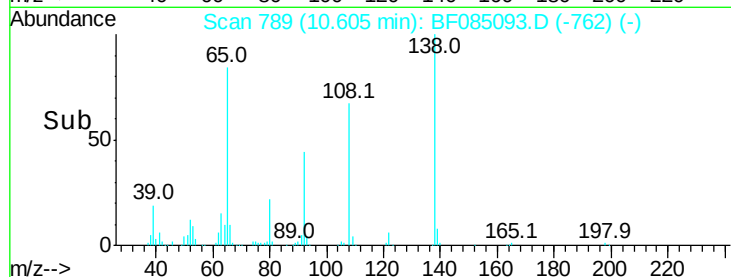
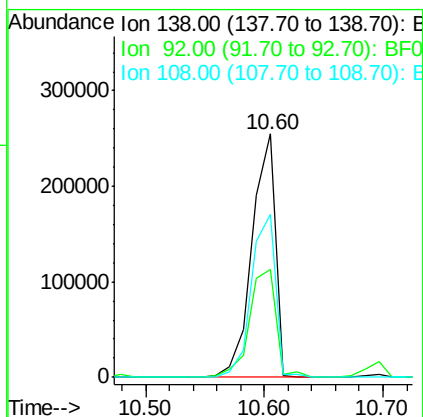
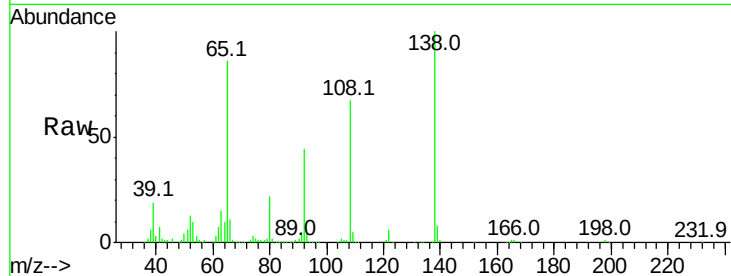




#61
4-Nitroaniline
Concen: 60.65 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

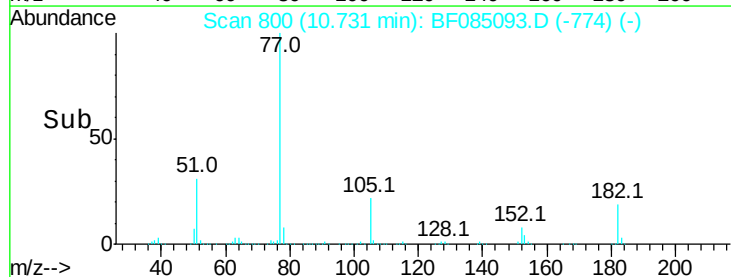
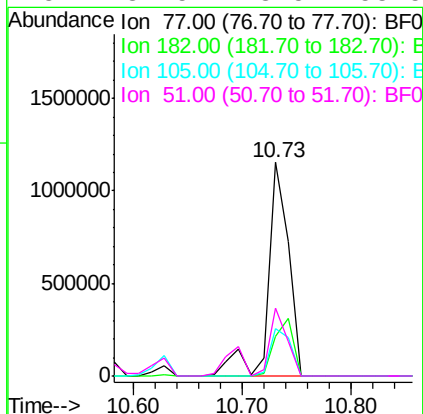
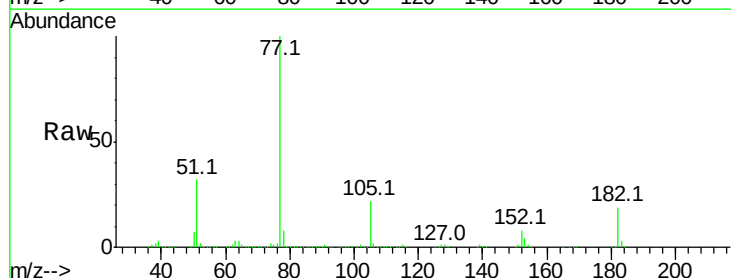
Instrument :
BNA_F
ClientSampleId :

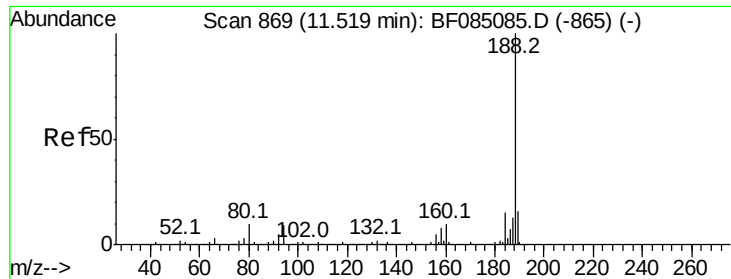
Tot Ion:138 Resp: 350913
Ion Ratio Lower Upper
138 100
92 44.2 32.6 72.6
108 67.0 54.6 94.6



#62
Azobenzene
Concen: 60.38 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion: 77 Resp: 1521746
Ion Ratio Lower Upper
77 100
182 18.6 1.3 41.3
105 22.2 4.2 44.2
51 31.5 13.5 53.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

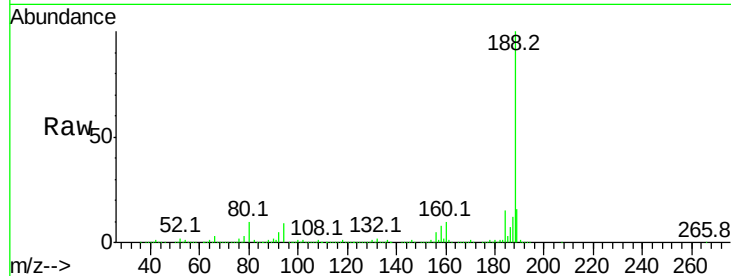
Tot Ion:188 Resp: 737320

Ion Ratio Lower Upper

188 100

94 9.5 6.2 9.2#

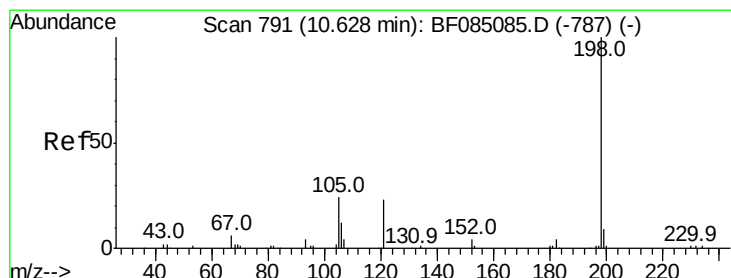
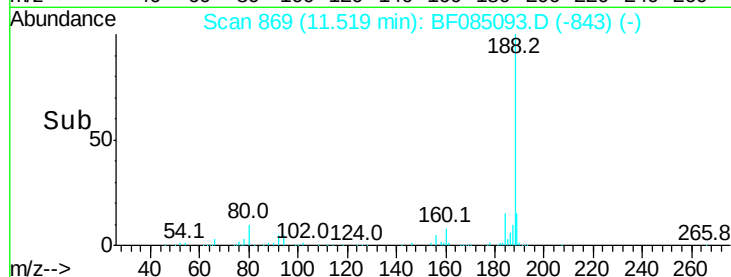
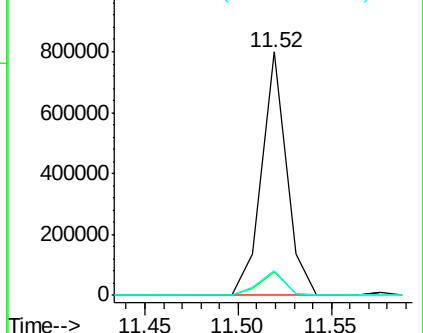
80 10.3 6.6 9.8#



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: 58.10 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

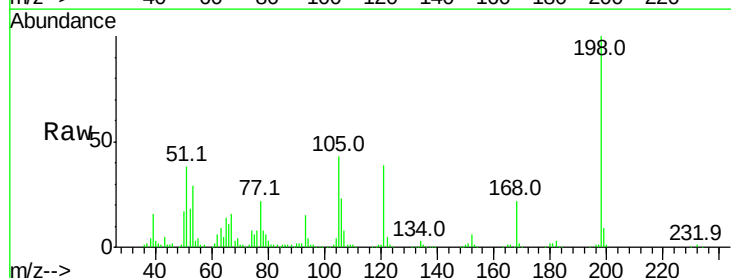
Tgt Ion:198 Resp: 226632

Ion Ratio Lower Upper

198 100

51 38.0 34.5 74.5

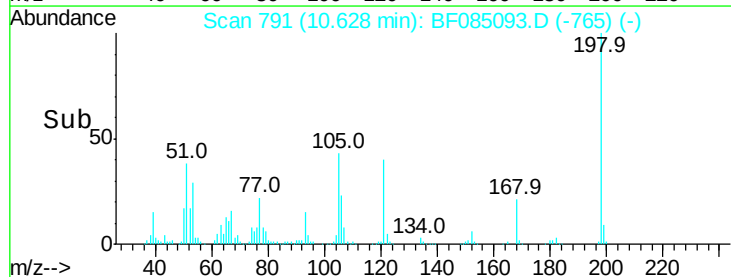
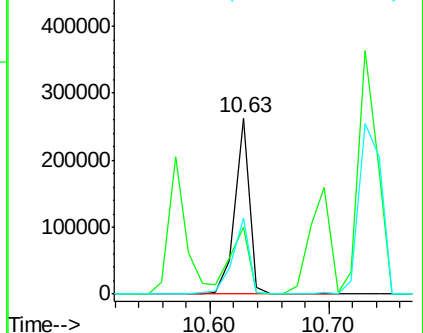
105 43.3 26.2 66.2

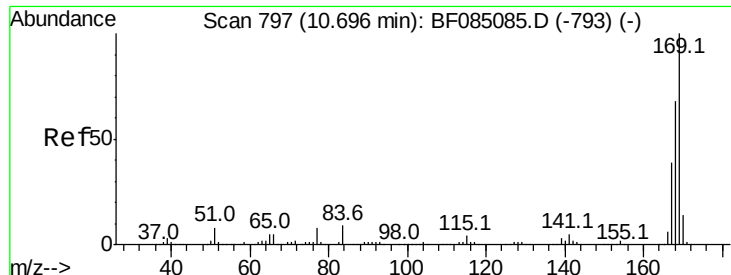


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



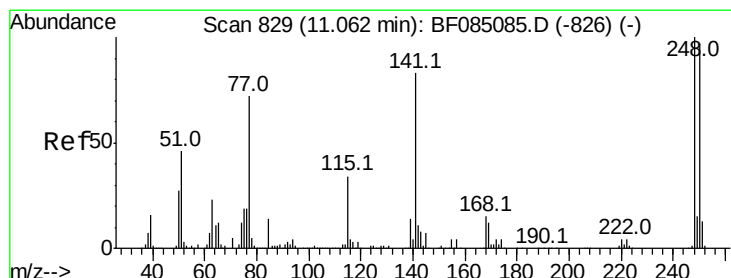
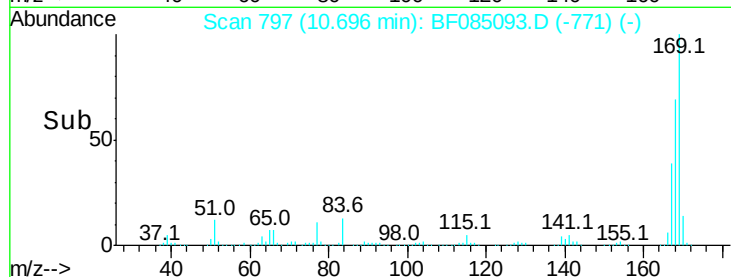
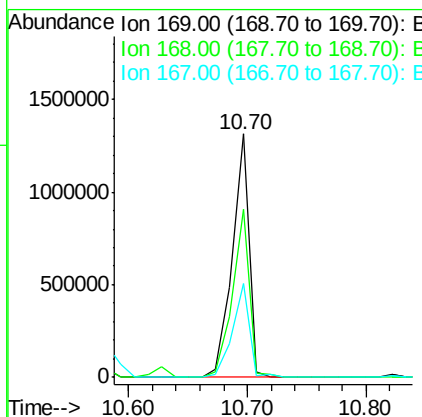
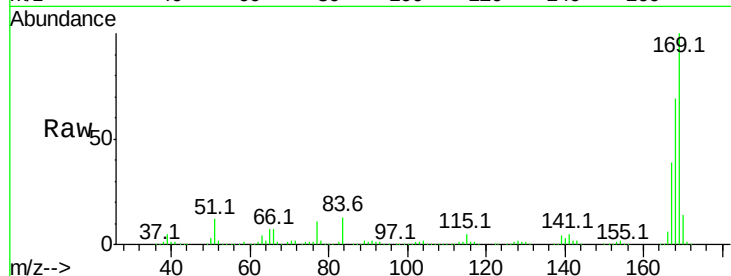


#65
 n-Nitrosodiphenylamine
 Concen: 55.28 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1285582

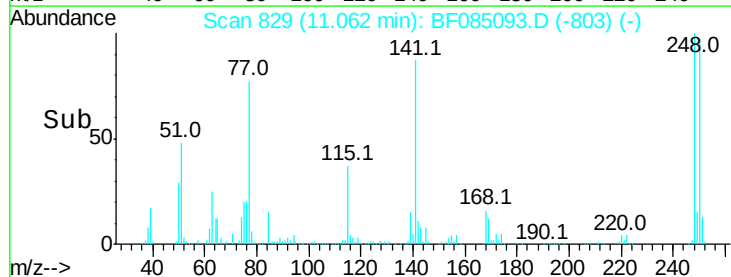
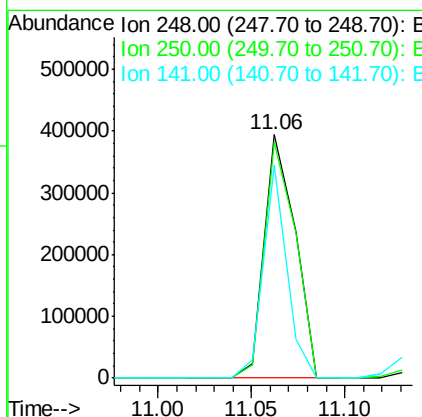
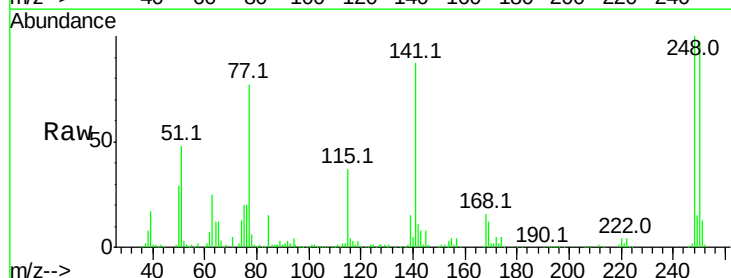
Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.8	82.2
167	38.8	29.8	44.8

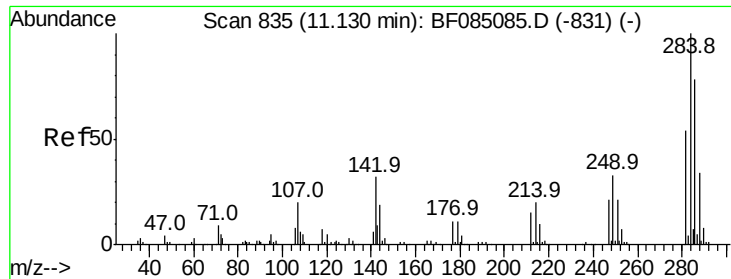


#66
 4-Bromophenyl-phenylether
 Concen: 52.09 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:248 Resp: 448507

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	87.2	58.2	87.4





#67

Hexachlorobenzene

Concen: 52.43 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

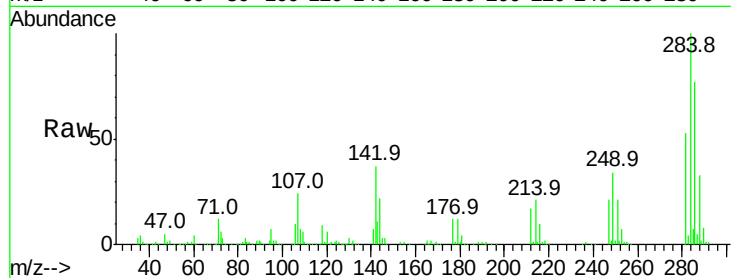
Tot Ion:284 Resp: 474299

Ion Ratio Lower Upper

284 100

142 37.0 33.5 50.3

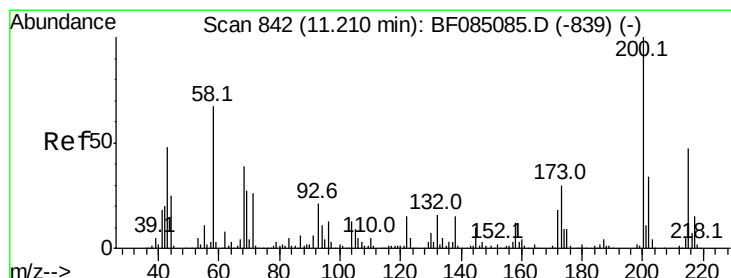
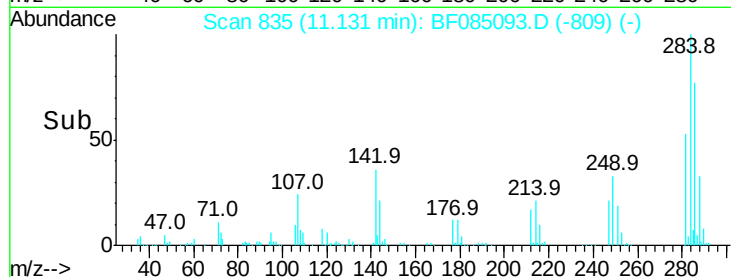
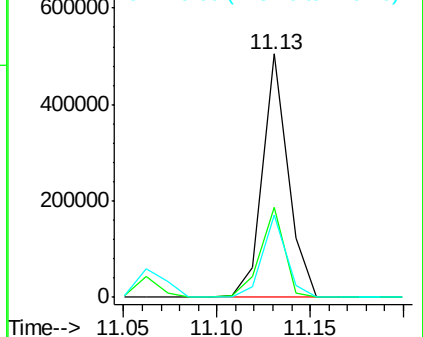
249 33.7 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 70.62 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

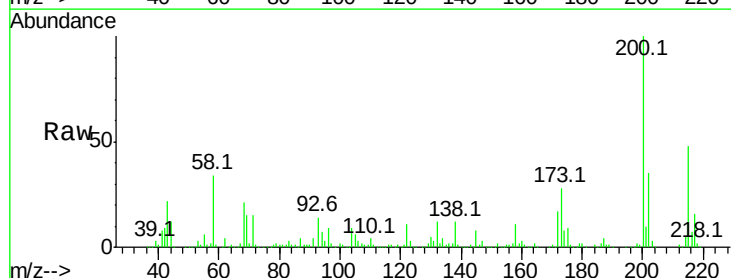
Tgt Ion:200 Resp: 473082

Ion Ratio Lower Upper

200 100

173 27.7 4.7 44.7

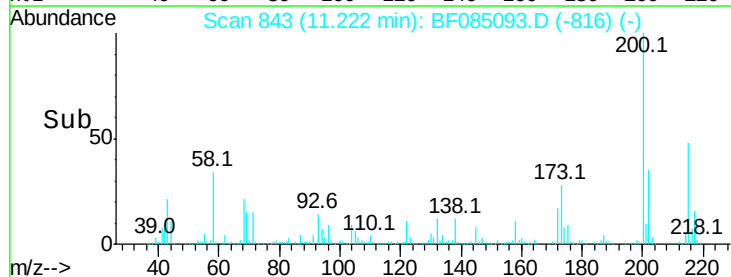
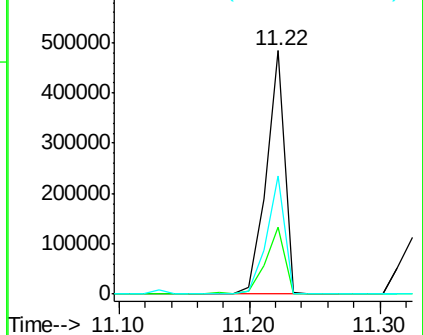
215 48.4 24.8 64.8

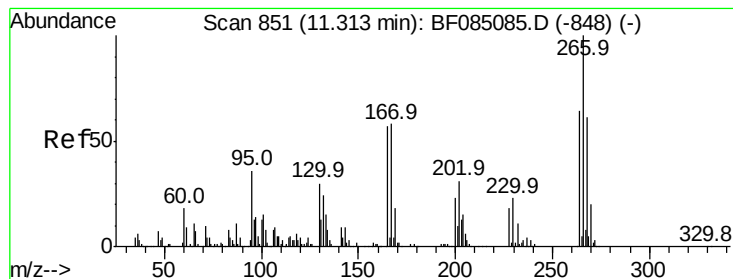


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 111.90 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

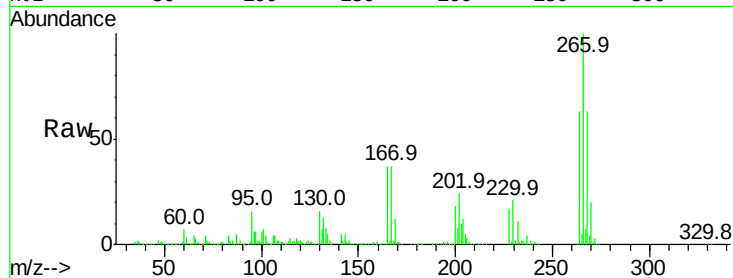
Tot Ion:266 Resp: 614070

Ion Ratio Lower Upper

266 100

268 63.0 47.3 70.9

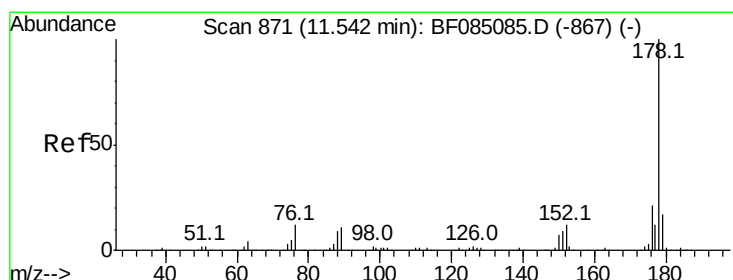
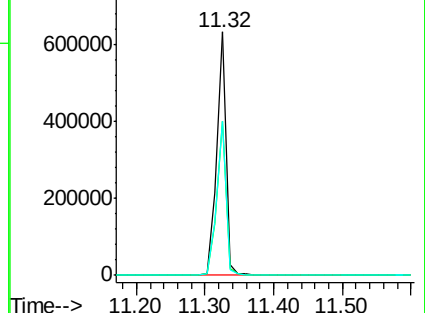
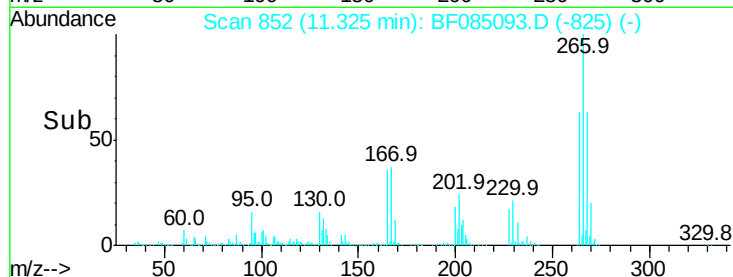
264 63.3 49.8 74.6



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: 53.41 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

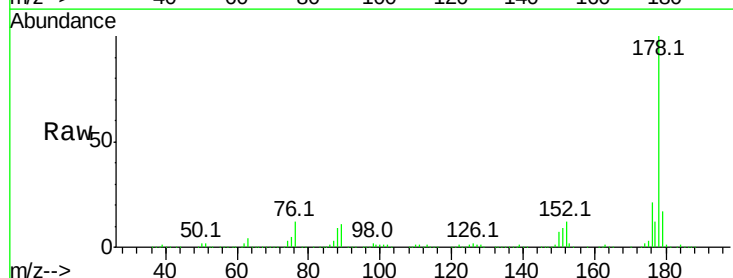
Tgt Ion:178 Resp: 1978411

Ion Ratio Lower Upper

178 100

176 21.4 15.9 23.9

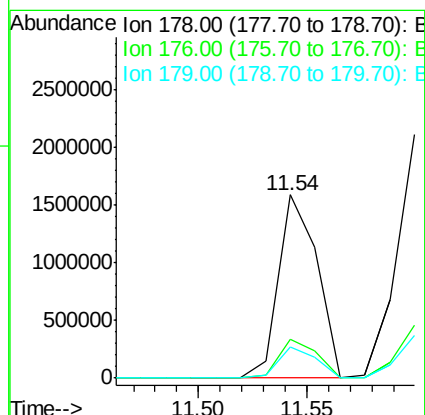
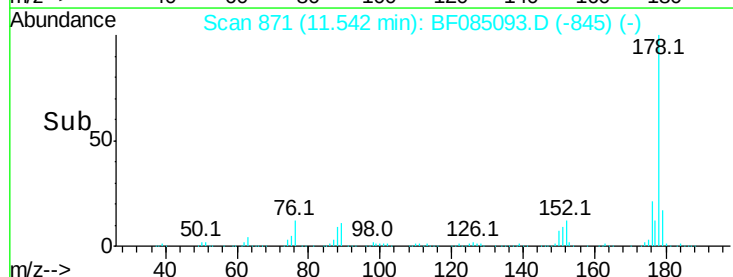
179 17.0 13.1 19.7

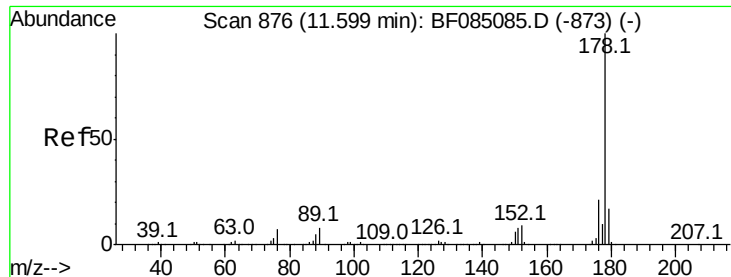


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.89 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

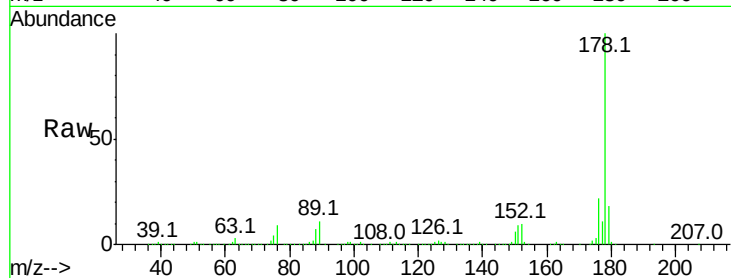
Tot Ion:178 Resp: 1977534

Ion Ratio Lower Upper

178 100

176 21.7 14.8 22.2

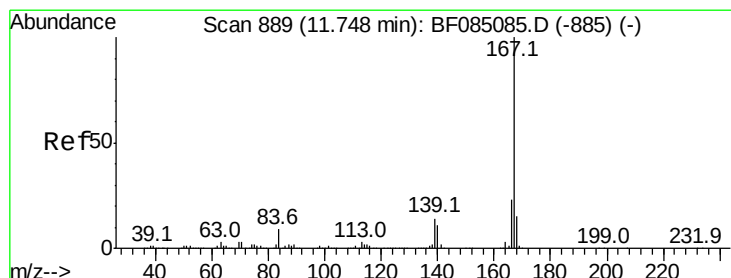
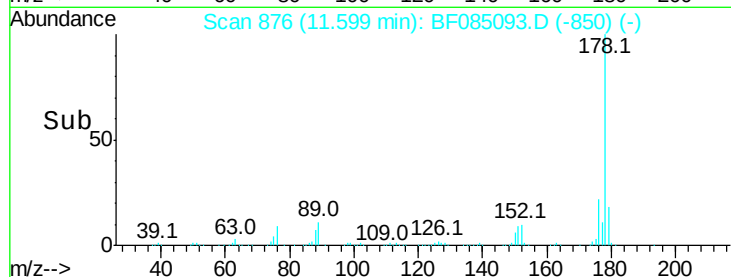
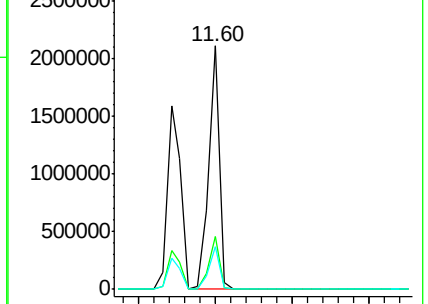
179 17.6 12.2 18.2



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: 53.79 ng

RT: 11.75 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

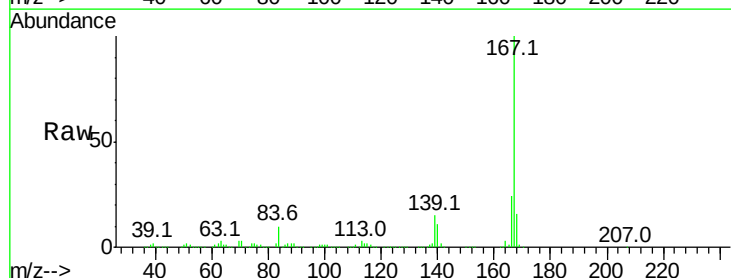
Tgt Ion:167 Resp: 1834224

Ion Ratio Lower Upper

167 100

166 24.0 17.4 26.0

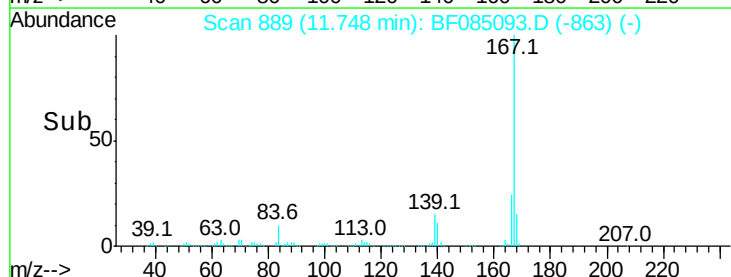
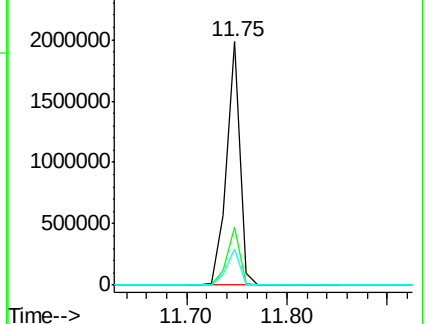
139 14.9 11.0 16.6

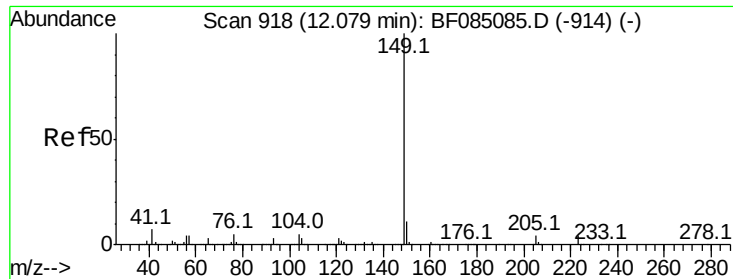


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.94 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

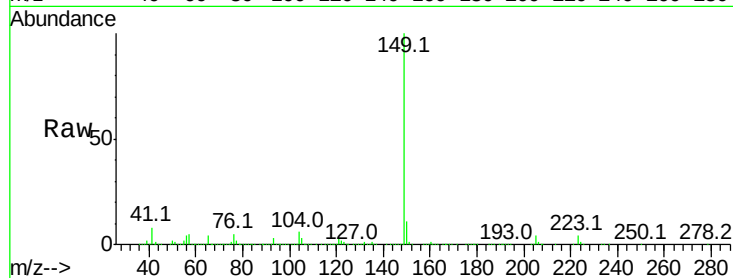
Tot Ion:149 Resp: 2098843

Ion Ratio Lower Upper

149 100

150 11.0 7.5 11.3

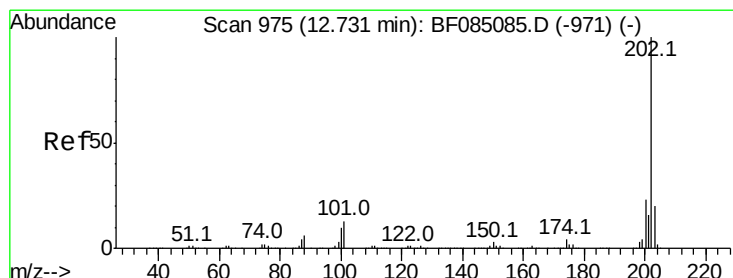
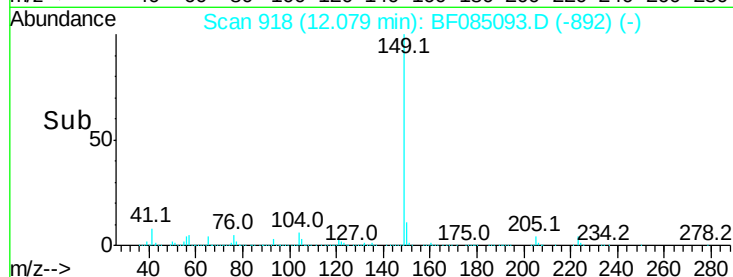
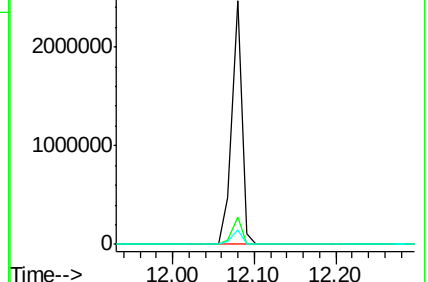
104 5.7 4.2 6.2



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: 50.88 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

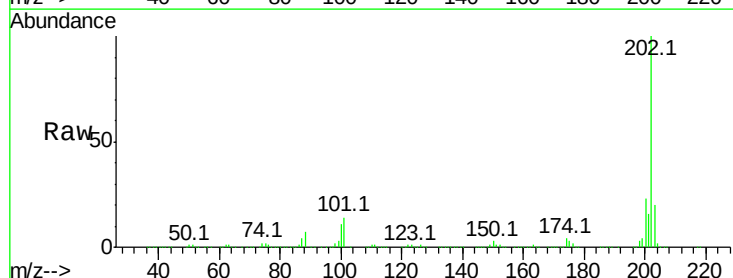
Tgt Ion:202 Resp: 2037293

Ion Ratio Lower Upper

202 100

101 14.0 0.0 29.8

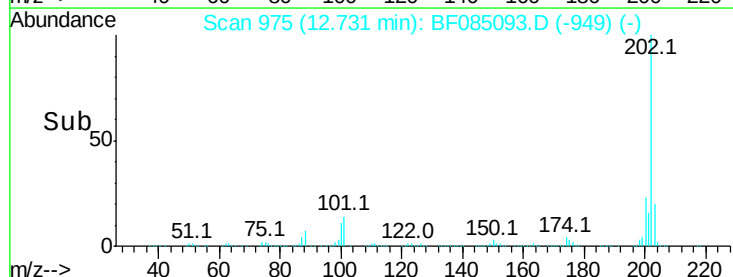
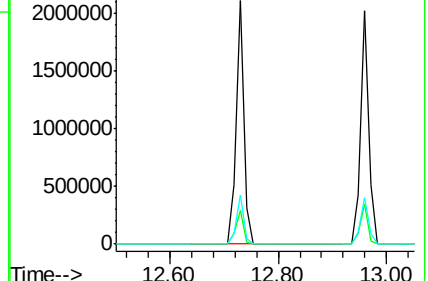
203 20.1 0.0 37.5

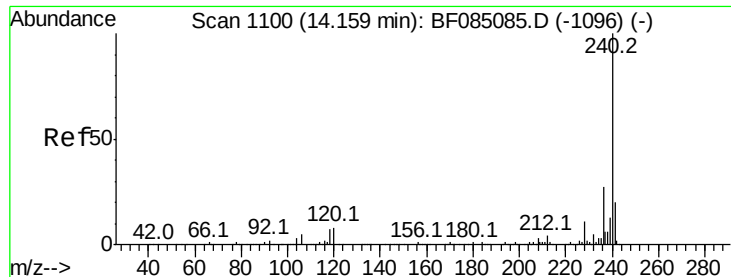


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1100

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

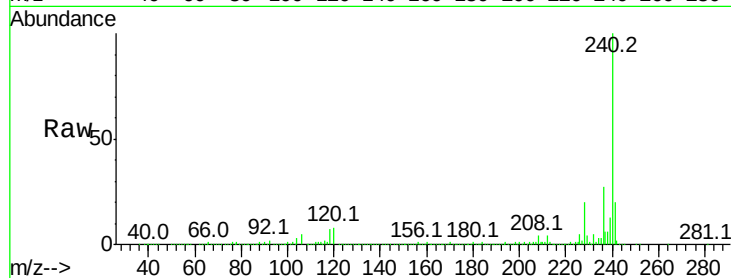
Tot Ion:240 Resp: 674013

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

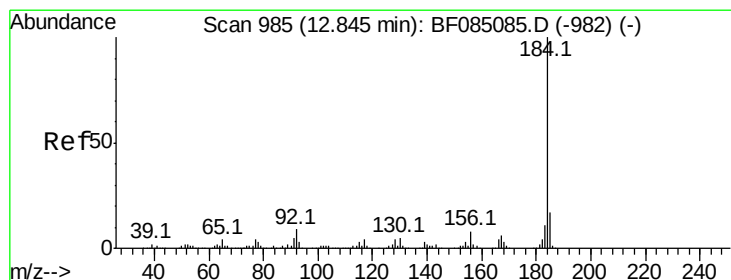
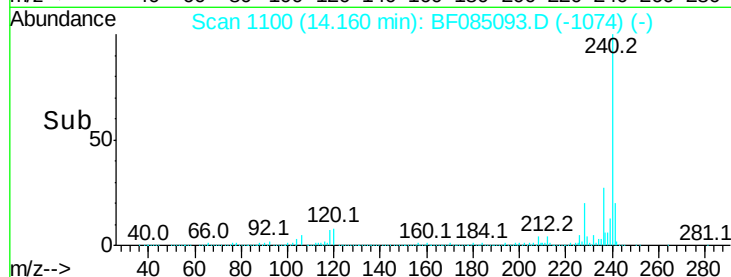
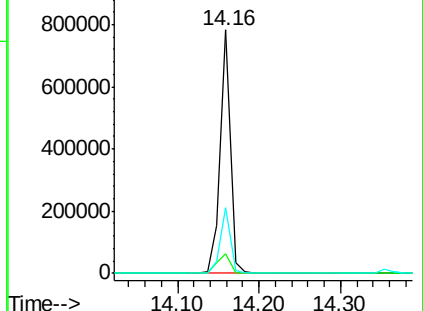
236 26.7 20.5 30.7



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: 22.36 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

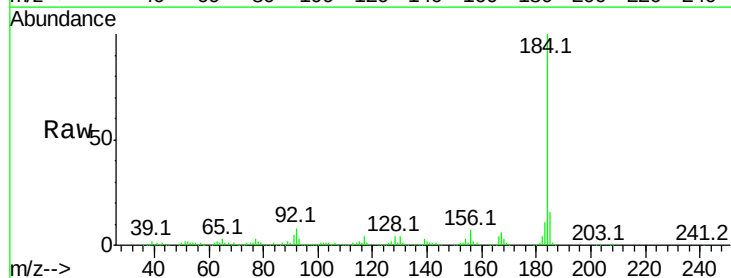
Tgt Ion:184 Resp: 443674

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

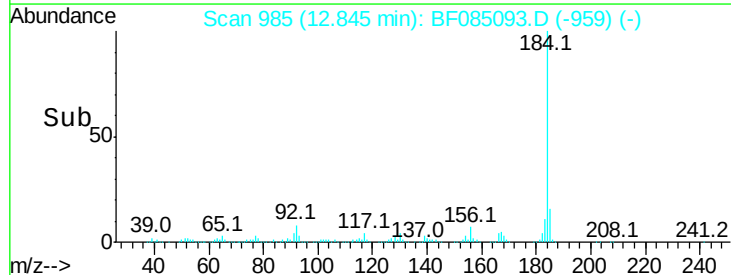
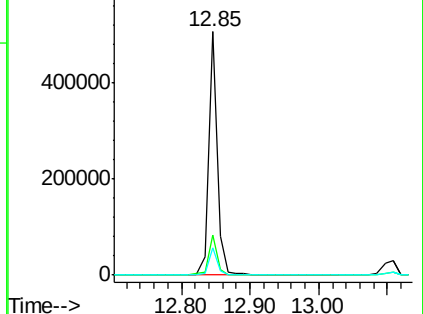
183 11.0 8.6 12.8

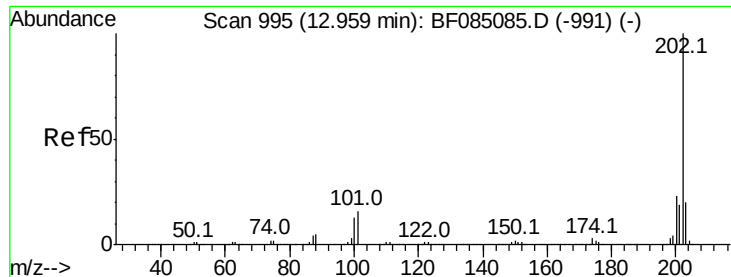


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

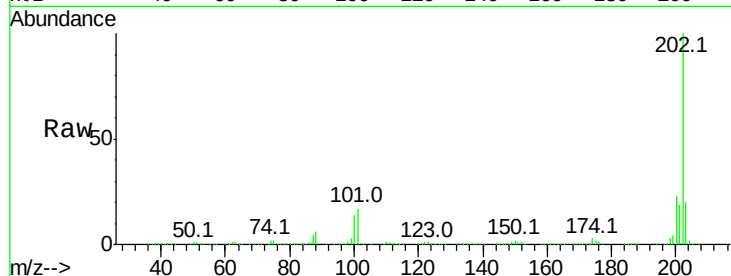




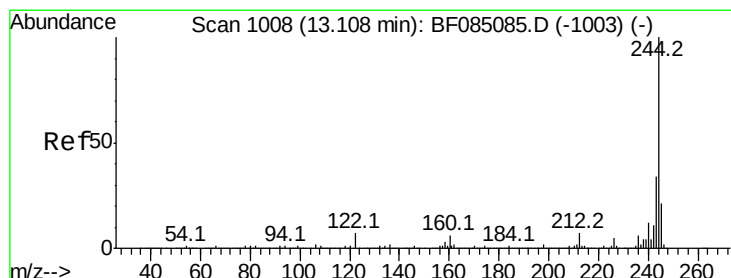
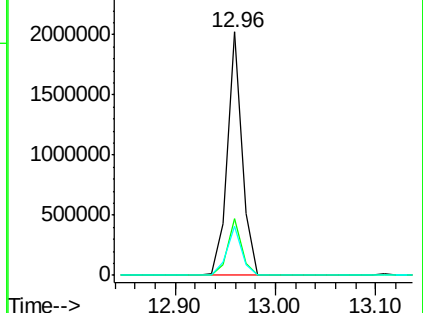
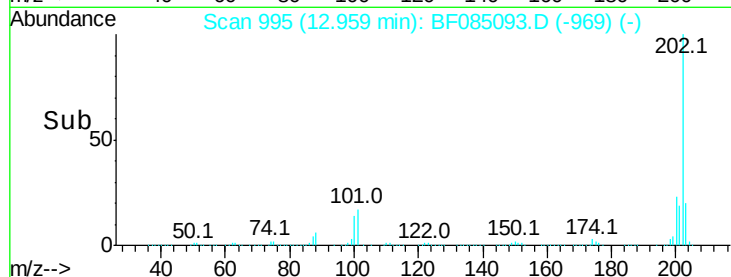
#77
Pvrene
Concen: 50.58 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2052754
Ion Ratio Lower Upper
202 100
200 23.4 17.0 25.4
203 20.1 14.2 21.4

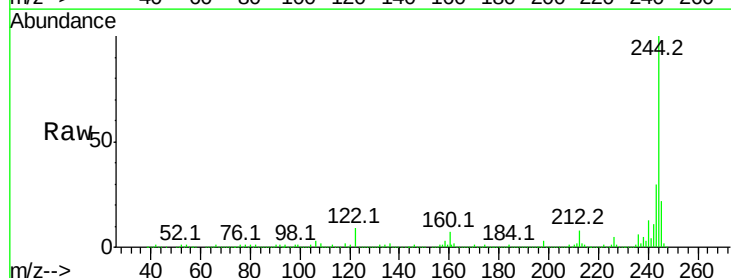


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

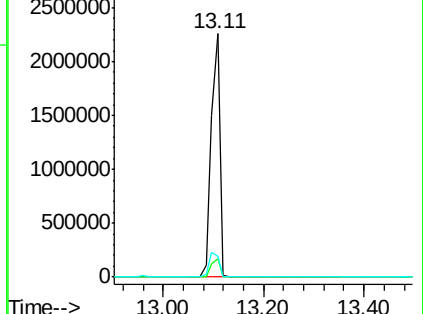
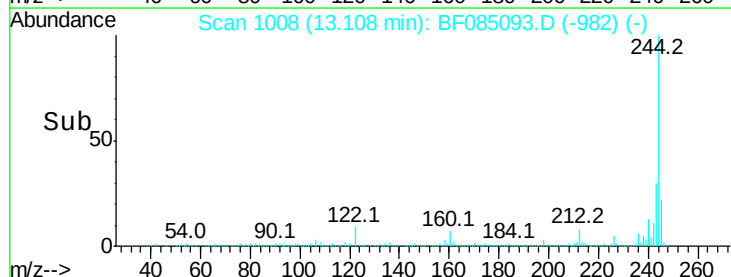


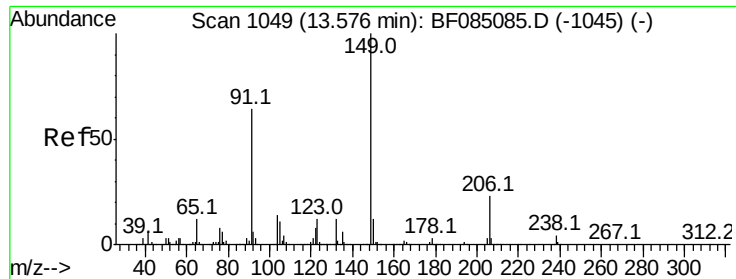
#78
Terphenyl-d14
Concen: 111.39 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:244 Resp: 2680620
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 8.7 10.1 15.1#



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

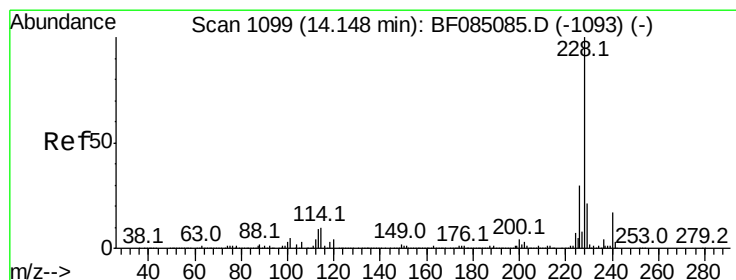
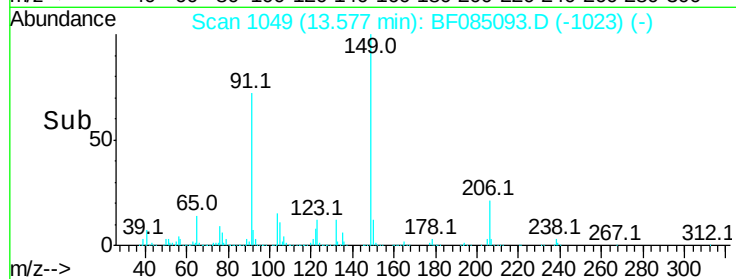
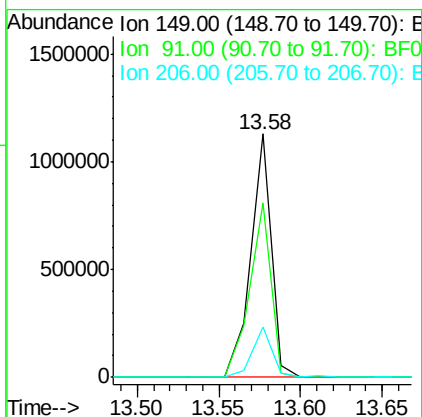
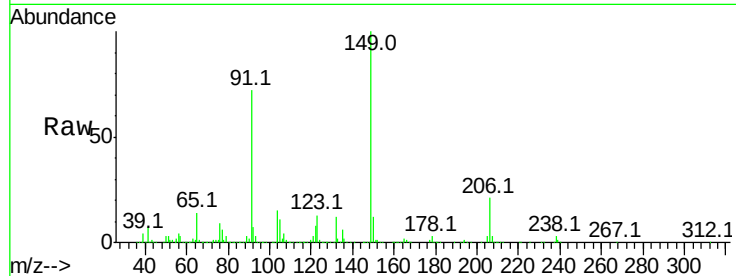




#79
 Butylbenzylphthalate
 Concen: 61.46 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

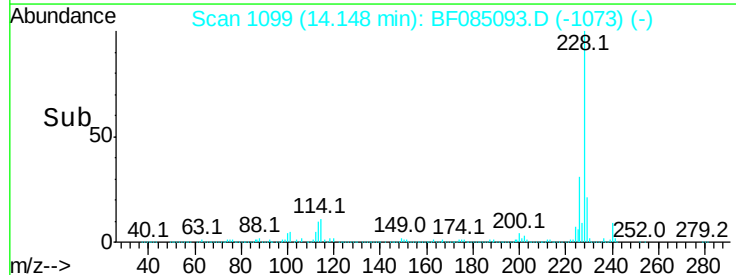
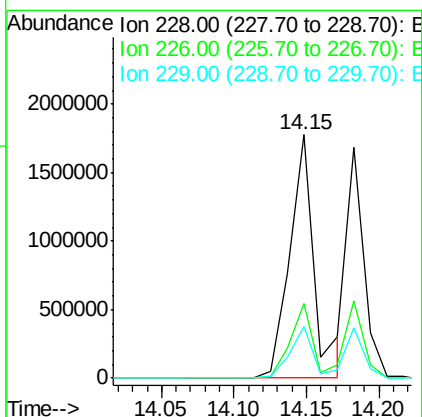
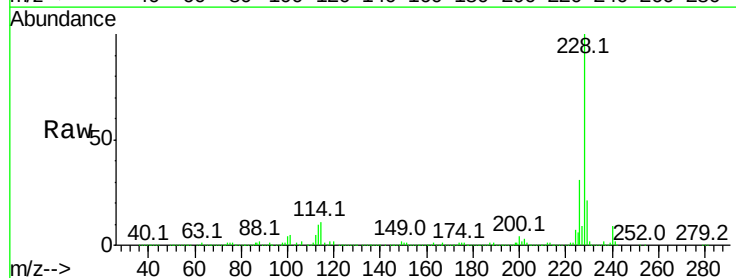
Instrument :
 BNA_F
 ClientSampleId :

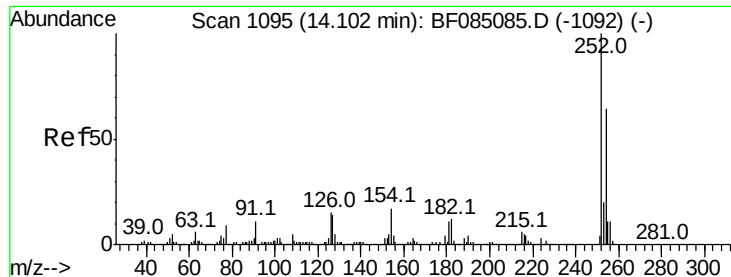
Tot Ion:149 Resp: 991267
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.8 86.8
 206 20.8 13.8 20.8#



#80
 Benzo(a)anthracene
 Concen: 55.49 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:228 Resp: 2086374
 Ion Ratio Lower Upper
 228 100
 226 30.5 21.8 32.6
 229 21.4 15.8 23.8

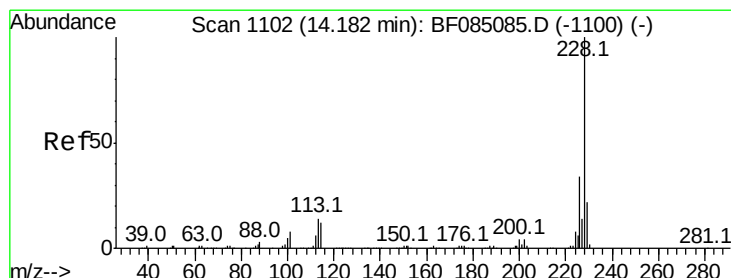
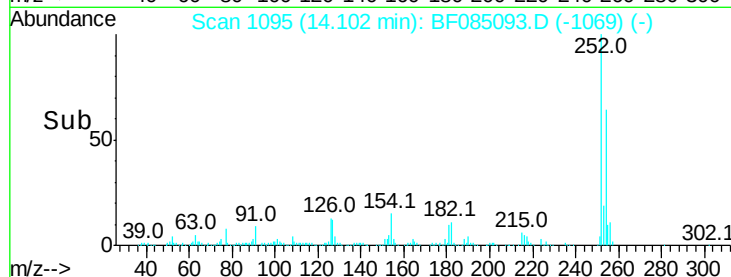
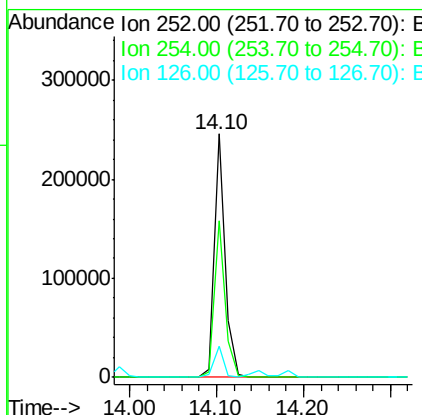
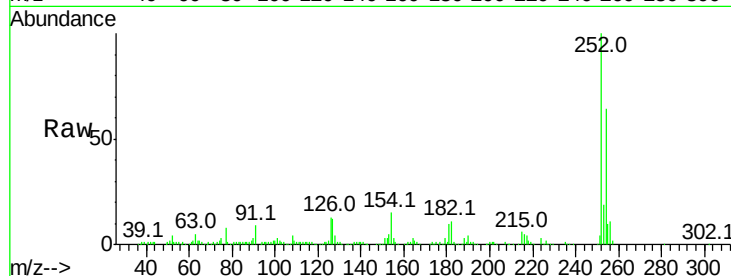




#81
 3,3'-Dichlorobenzidine
 Concen: 15.71 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

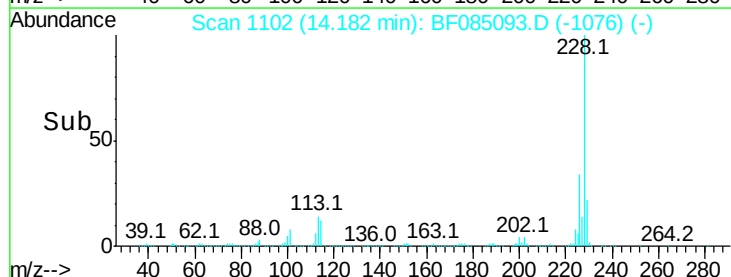
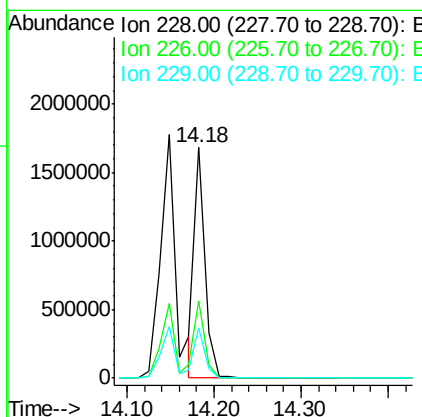
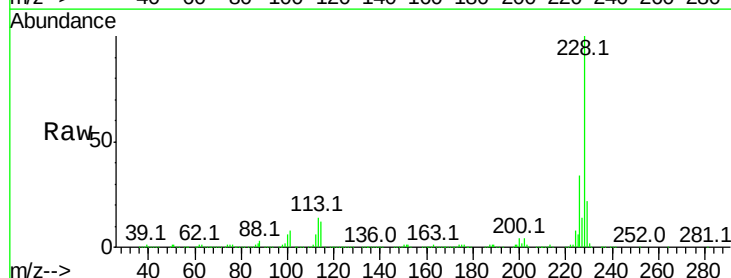
Instrument :
 BNA_F
 ClientSampleId :

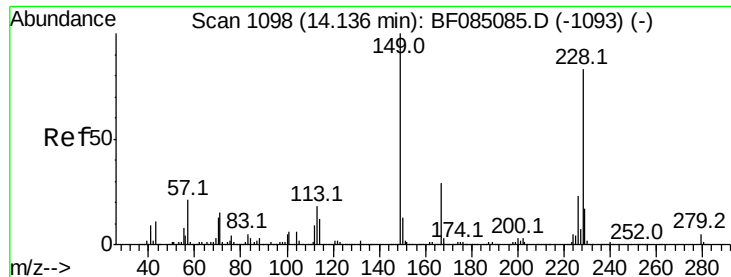
Tot Ion:252 Resp: 218441
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.9 79.3
 126 12.8 10.6 16.0



#82
 Chrysene
 Concen: 40.83 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:228 Resp: 1412791
 Ion Ratio Lower Upper
 228 100
 226 33.8 24.3 36.5
 229 21.9 16.1 24.1

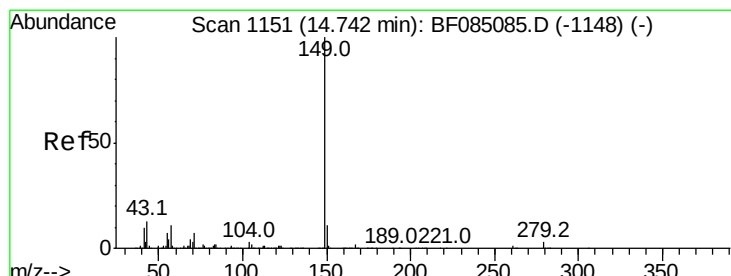
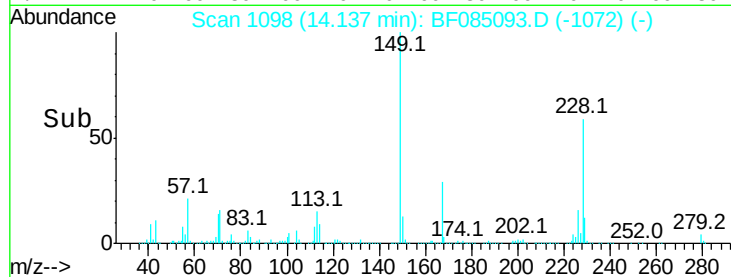
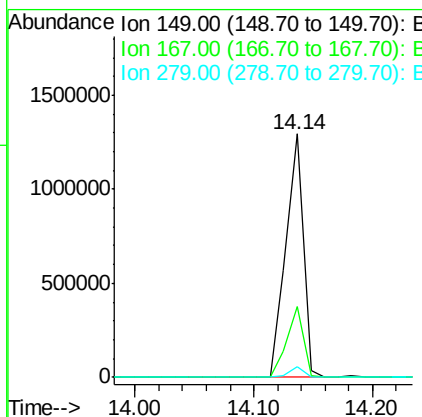
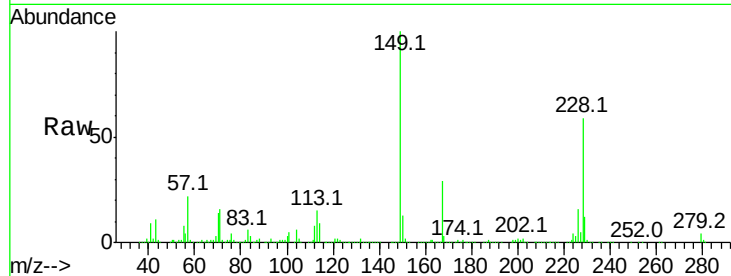




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.34 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

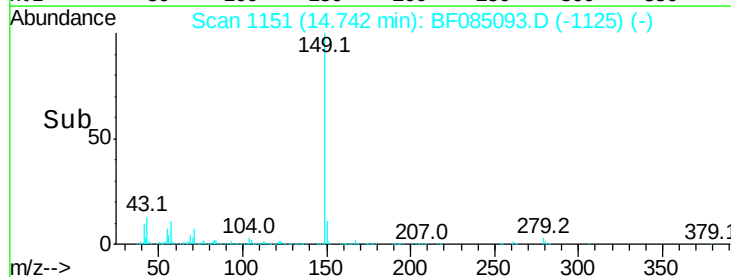
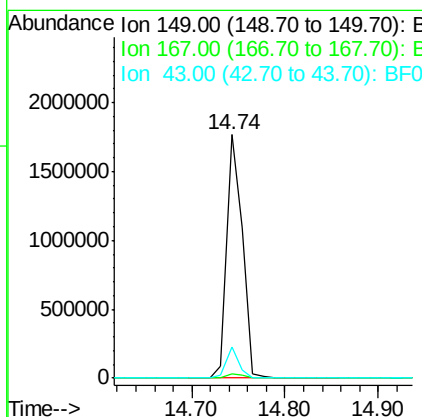
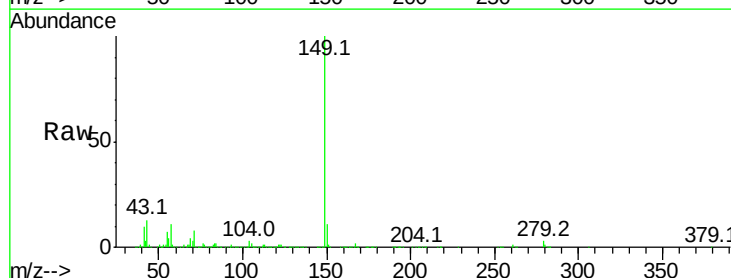
Instrument :
 BNA_F
 ClientSampleId :

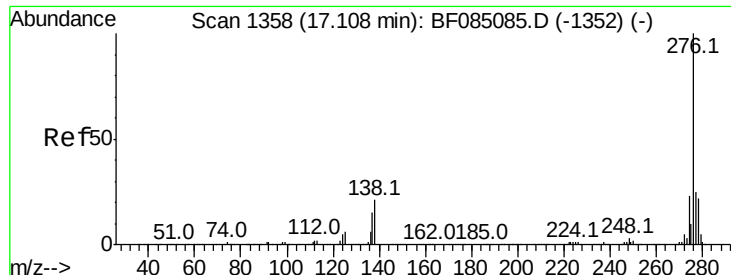
Tot Ion:149 Resp: 1307877
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.0 31.6
 279 4.5 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 58.42 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:149 Resp: 2060329
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 10.2 9.0 13.6

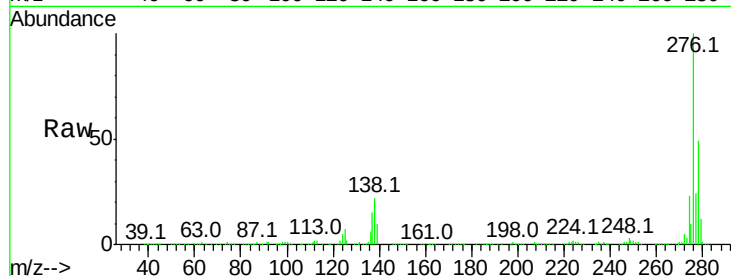




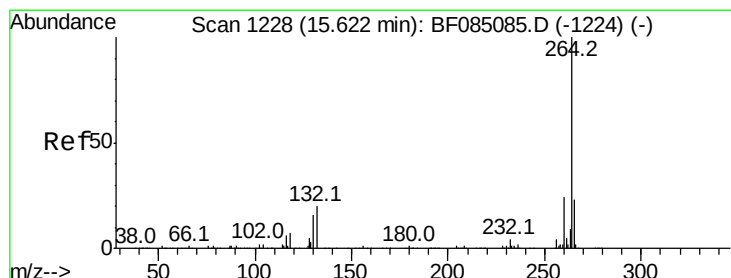
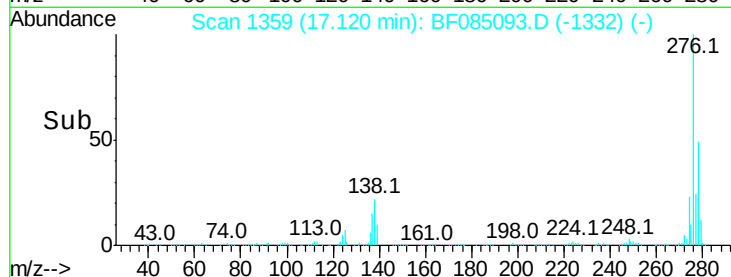
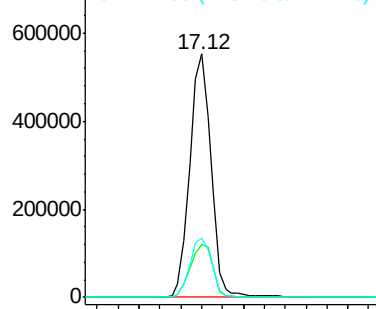
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.11 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1576778
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.1 20.0 30.0

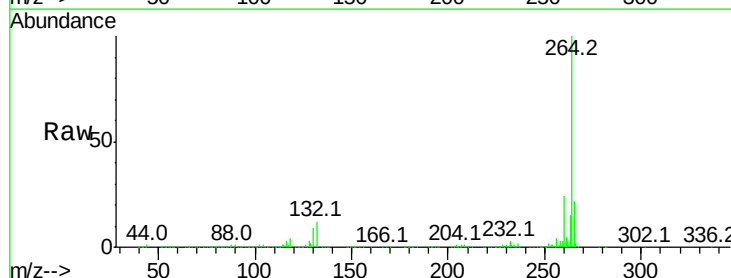


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

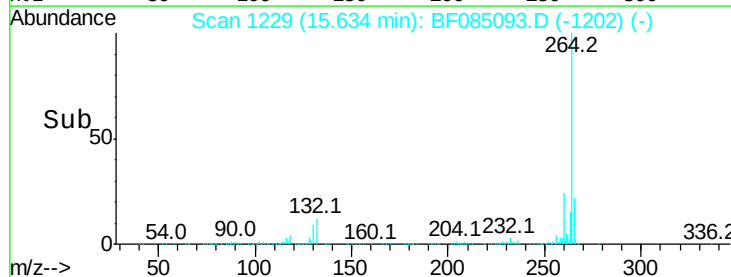
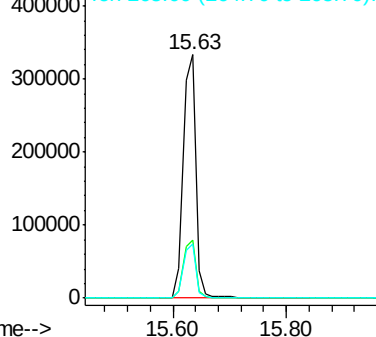


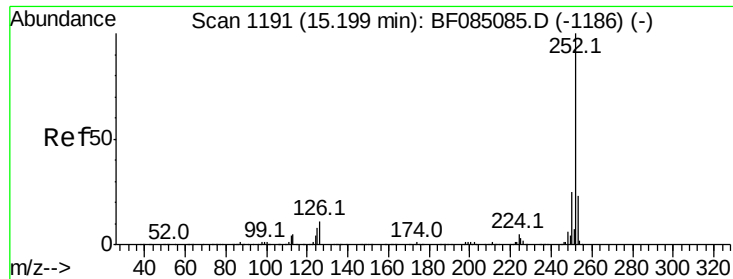
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:264 Resp: 500206
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.0 16.7 25.1



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

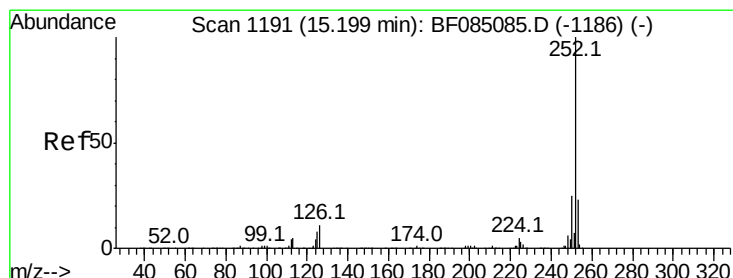
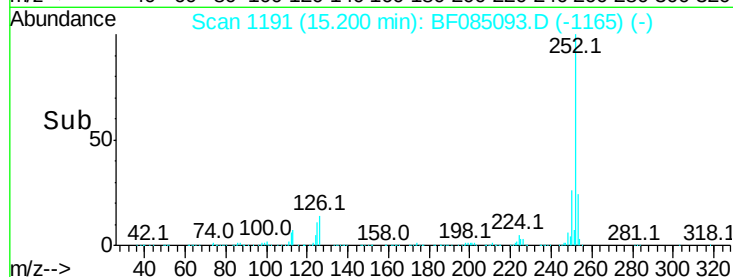
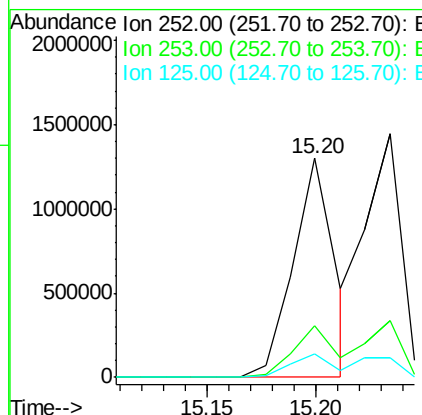
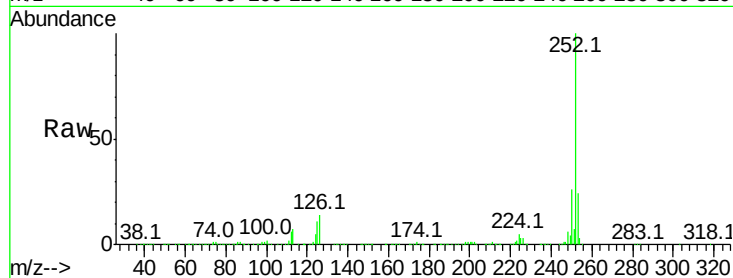




#87
Benzo(b)fluoranthene
Concen: 53.67 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

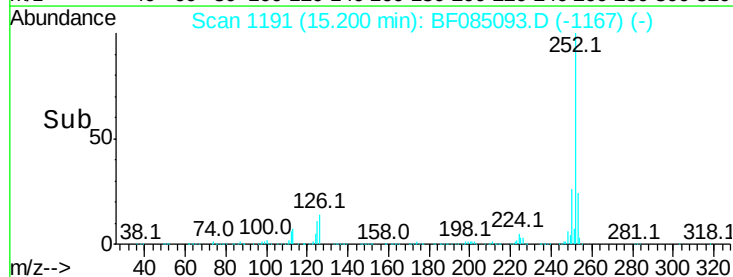
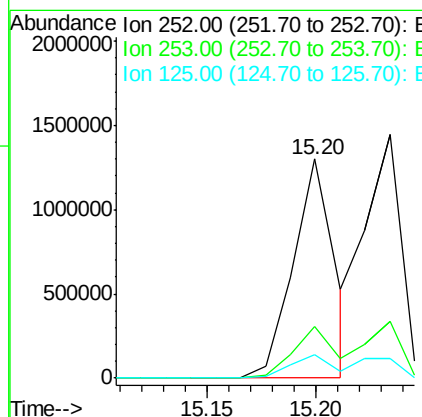
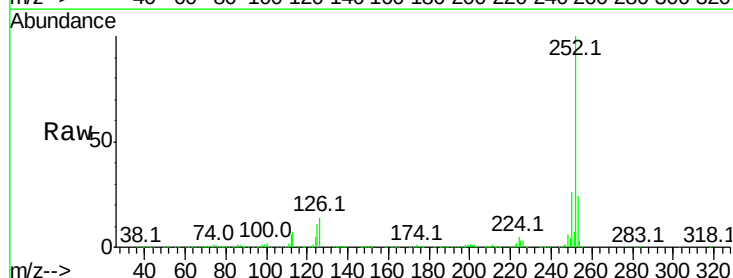
Instrument :
BNA_F
ClientSampleId :

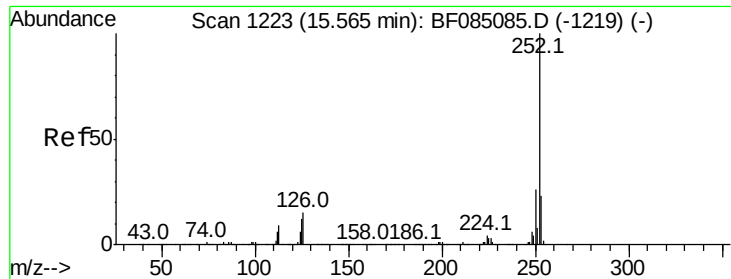
Tot Ion:252 Resp: 1711733
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.8 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 66.65 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:252 Resp: 1711733
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.8 7.2 10.8

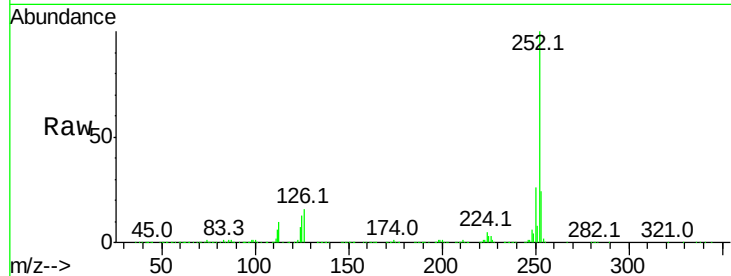




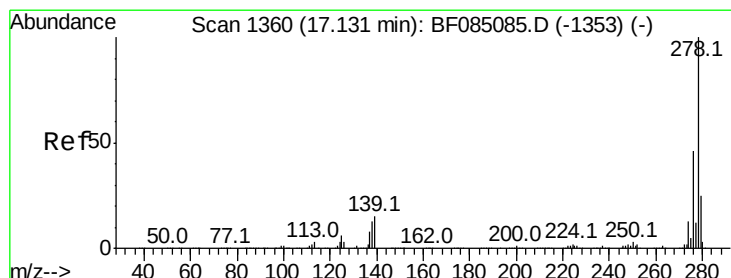
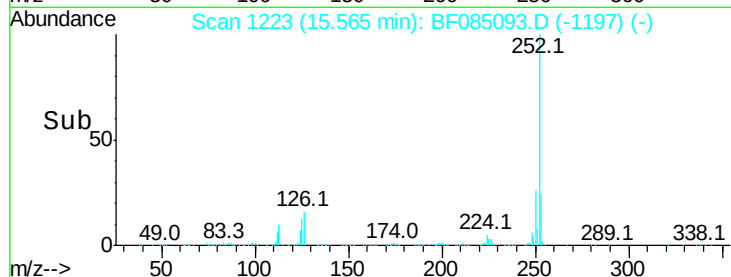
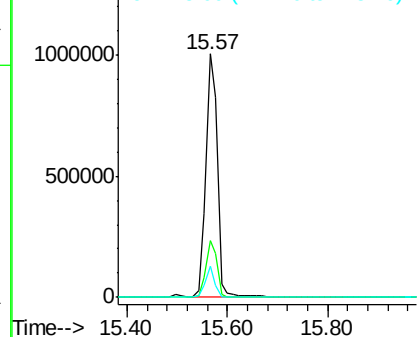
#89
Benzo(a)pyrene
Concen: 58.66 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1589806
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 12.8 6.1 9.1#

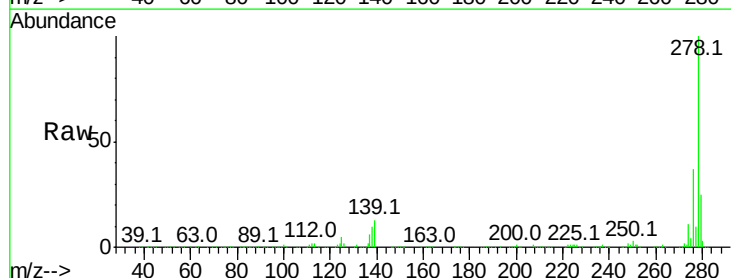


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

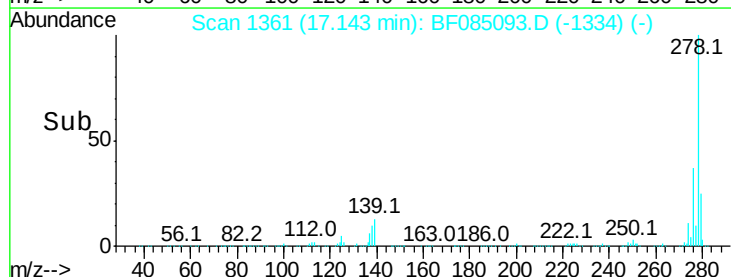
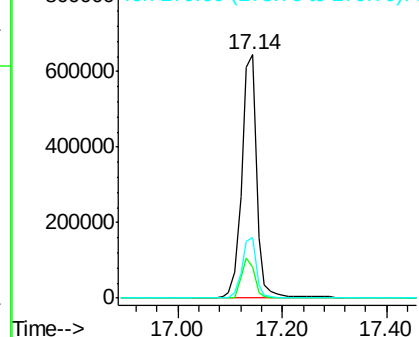


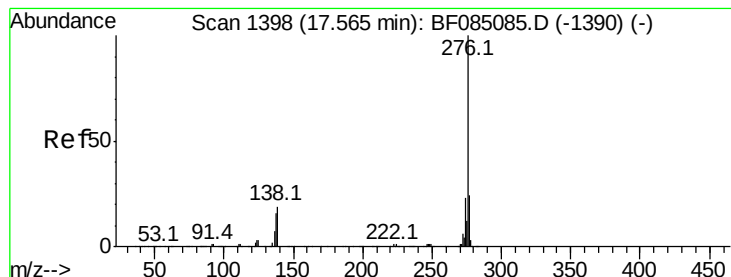
#90
Dibenzo(a,h)anthracene
Concen: 55.76 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:278 Resp: 1290009
Ion Ratio Lower Upper
278 100
139 12.7 13.3 19.9#
279 24.8 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 56.57 ng

RT: 17.57 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

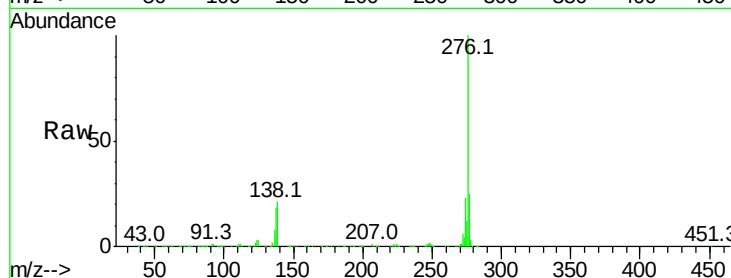
Tot Ion:276 Resp: 1283981

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 21.2 16.6 24.8



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

