

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085991.D
 Acq On : 2 Apr 2016 5:28
 Operator : UM/SJ
 Sample : PB89385BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Quant Time: Apr 02 05:50:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107118	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	418933	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	204051	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	391383	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346043	20.00	ng	0.00
86) Perylene-d12	15.33	264	265866	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	519956	82.97	ng	0.01
7) Phenol-d6	6.42	99	672488	84.48	ng	0.00
23) Nitrobenzene-d5	7.34	82	588269	82.81	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	167104	87.25	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1056484	86.09	ng	0.00
78) Terphenyl-d14	12.88	244	1069510	72.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	90864	30.58	ng	97
3) Pyridine	3.08	79	268649	40.39	ng	98
4) n-Nitrosodimethylamine	3.04	42	115870	39.62	ng	99
6) Aniline	6.44	93	89957	8.61	ng	# 78
8) 2-Chlorophenol	6.56	128	289467	38.73	ng	96
9) Benzaldehyde	6.33	77	47278	11.04	ng	99
10) Phenol	6.43	94	372661	41.04	ng	90
11) bis(2-Chloroethyl)ether	6.51	93	257499	35.81	ng	99
12) 1,3-Dichlorobenzene	6.72	146	286397	36.16	ng	98
13) 1,4-Dichlorobenzene	6.78	146	298654	36.60	ng	99
14) 1,2-Dichlorobenzene	6.94	146	283384	37.73	ng	99
15) Benzyl Alcohol	6.92	79	189175	36.73	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	316846	36.07	ng	90
17) 2-Methylphenol	7.04	107	223614	37.95	ng	97
18) Hexachloroethane	7.28	117	109201	36.38	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	192764	39.07	ng	98
20) 3+4-Methylphenols	7.20	107	293616	40.97	ng	# 86
22) Acetophenone	7.18	105	372983	37.87	ng	# 93
24) Nitrobenzene	7.36	77	275570	35.46	ng	98
25) Isophorone	7.60	82	511066	36.44	ng	100
26) 2-Nitrophenol	7.68	139	145769	39.20	ng	# 89
27) 2,4-Dimethylphenol	7.72	122	269688	40.38	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	342323	41.60	ng	99
29) 2,4-Dichlorophenol	7.93	162	225381	39.92	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	240556	37.96	ng	99
31) Naphthalene	8.08	128	776065	36.83	ng	100
32) Benzoic acid	7.86	122	167872	34.26	ng	98
33) 4-Chloroaniline	8.16	127	24989	2.94	ng	97
34) Hexachlorobutadiene	8.20	225	124110	36.42	ng	97
35) Caprolactam	8.50	113	49649	27.72	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	245097	38.62	ng	92
37) 2-Methylnaphthalene	8.77	142	556405	40.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	213787	34.86	ng	99
40) Hexachlorocyclopentadiene	8.92	237	181585	81.25	ng	99

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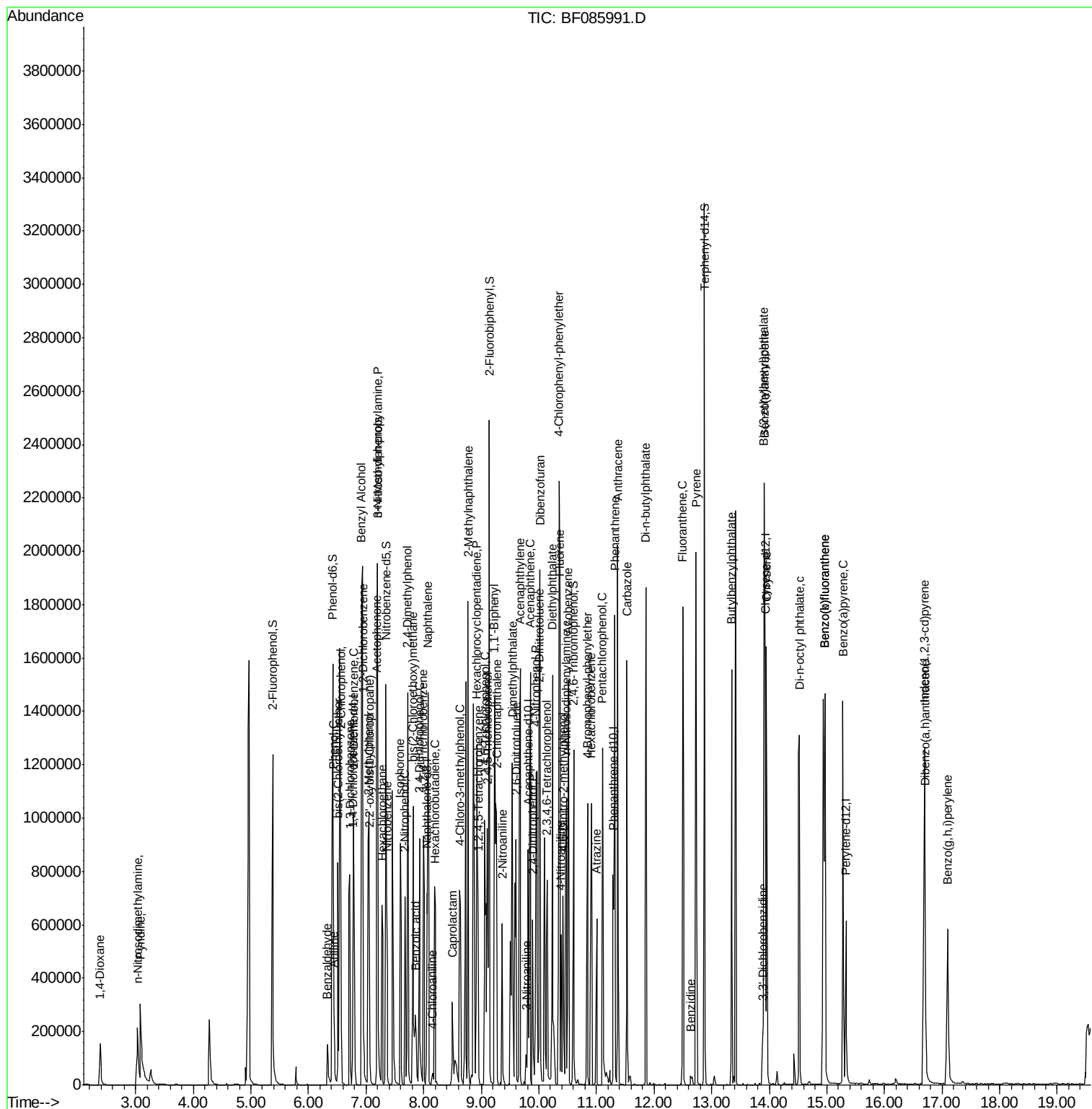
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	148869	37.80	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	167333	41.85	nq	96
45) 1,1'-Biphenyl	9.23	154	603840	34.32	nq	100
46) 2-Chloronaphthalene	9.26	162	477261	37.42	nq	100
47) 2-Nitroaniline	9.37	65	137805	36.93	nq	# 66
48) Acenaphthylene	9.68	152	810625	39.68	nq	99
49) Dimethylphthalate	9.54	163	564708	37.34	nq	99
50) 2,6-Dinitrotoluene	9.61	165	141467	44.21	nq	# 75
51) Acenaphthene	9.85	154	479019	39.42	nq	100
52) 3-Nitroaniline	9.78	138	23437	6.08	nq	95
53) 2,4-Dinitrophenol	9.89	184	142574	69.37	nq	# 67
54) Dibenzofuran	10.02	168	696055	43.38	nq	99
55) 4-Nitrophenol	9.95	139	183415	80.67	nq	99
56) 2,4-Dinitrotoluene	10.01	165	155136	38.37	nq	# 28
57) Fluorene	10.36	166	551370	40.22	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	128995	43.33	nq	96
59) Diethylphthalate	10.24	149	582134	38.14	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	255035	39.94	nq	95
61) 4-Nitroaniline	10.38	138	103379	27.22	nq	87
62) Azobenzene	10.51	77	623642	42.65	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	91827	38.72	nq	92
65) n-Nitrosodiphenylamine	10.48	169	413193	33.76	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	158057	39.56	nq	93
67) Hexachlorobenzene	10.91	284	171595	41.53	nq	96
68) Atrazine	11.00	200	93348	23.60	nq	98
69) Pentachlorophenol	11.10	266	155946	80.53	nq	100
70) Phenanthrene	11.32	178	875891	41.02	nq	99
71) Anthracene	11.37	178	799157	35.73	nq	99
72) Carbazole	11.53	167	617853	32.14	nq	100
73) Di-n-butylphthalate	11.86	149	1012722	42.51	nq	100
74) Fluoranthene	12.50	202	833538	37.53	nq	99
76) Benzidine	12.64	184	35956	2.95	nq	98
77) Pyrene	12.73	202	836302	34.30	nq	99
79) Butylbenzylphthalate	13.35	149	401876	36.60	nq	# 71
80) Benzo(a)anthracene	13.92	228	739616	36.26	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	32617	2.19	nq	97
82) Chrysene	13.95	228	700228	35.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	546214	37.48	nq	# 98
84) Di-n-octyl phthalate	14.52	149	988278	42.47	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	616954	38.70	nq	99
87) Benzo(b)fluoranthene	14.97	252	1421388	84.99	nq	# 95
88) Benzo(k)fluoranthene	14.97	252	1421703	95.99	nq	99
89) Benzo(a)pyrene	15.28	252	640116	43.20	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	528944	44.37	nq	97
91) Benzo(g,h,i)perylene	17.09	276	475858	41.24	nq	98

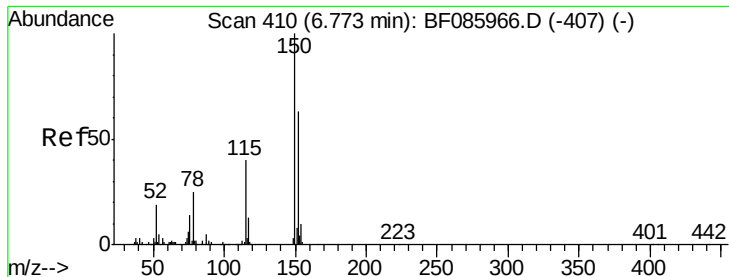
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

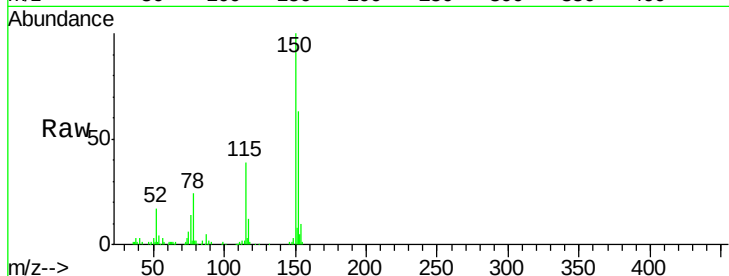
Tot Ion:152 Resp: 107118

Ion Ratio Lower Upper

152 100

150 157.9 124.2 186.2

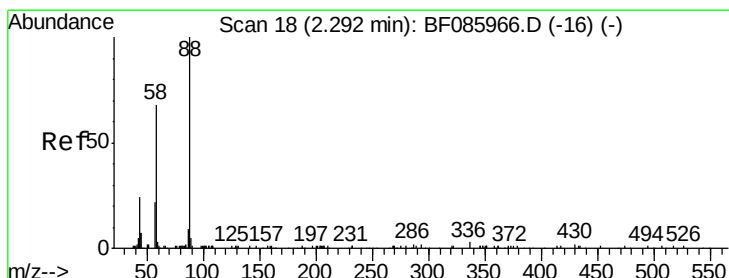
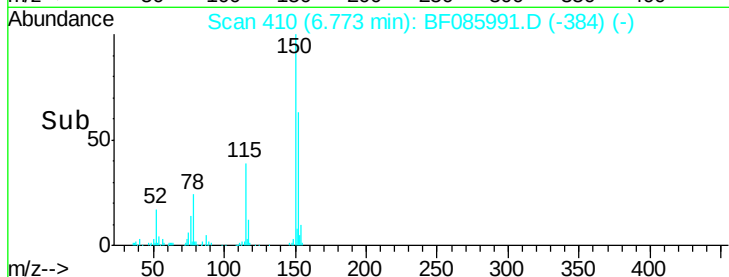
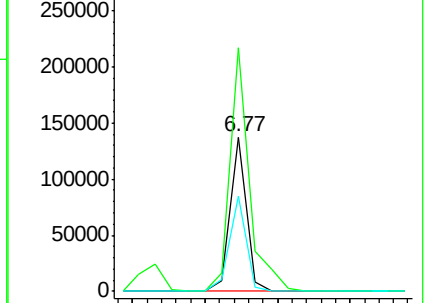
115 61.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.58 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.09 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

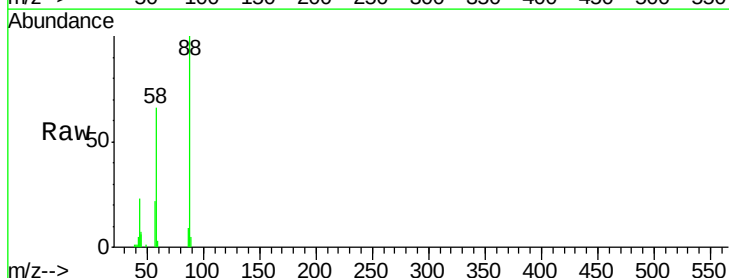
Tgt Ion: 88 Resp: 90864

Ion Ratio Lower Upper

88 100

58 69.6 54.2 81.2

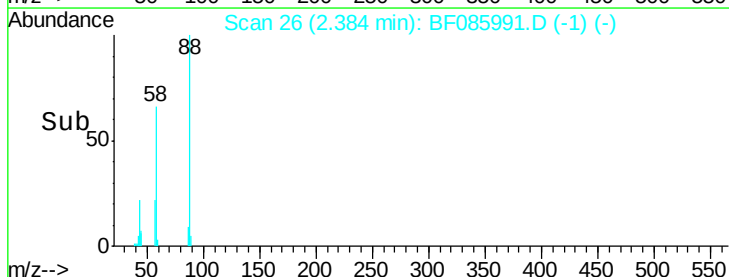
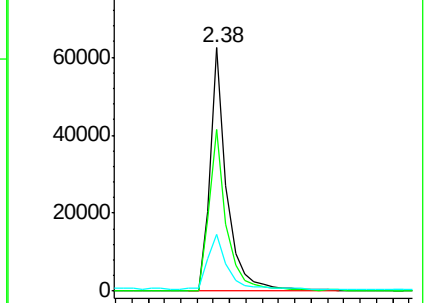
43 26.1 19.3 28.9

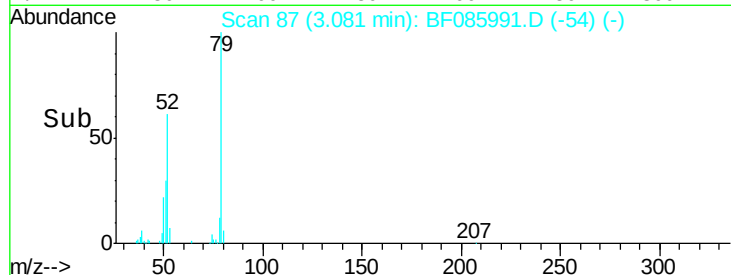
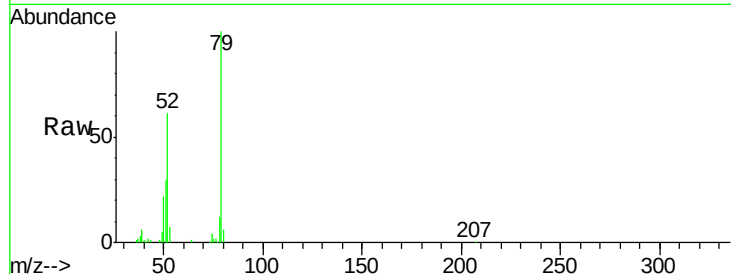
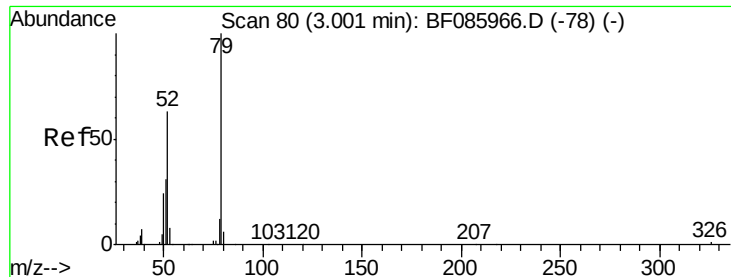


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

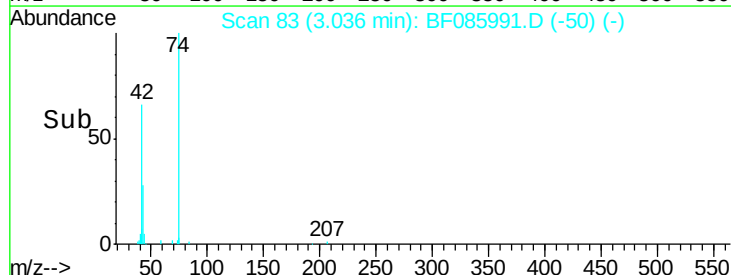
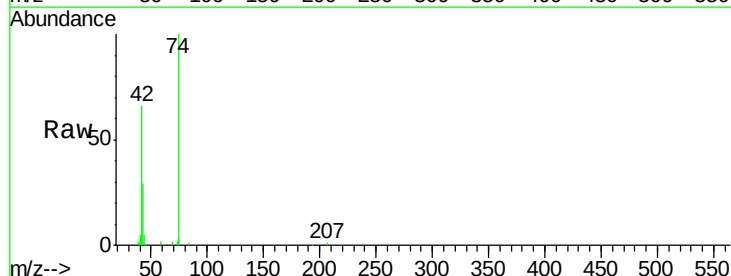
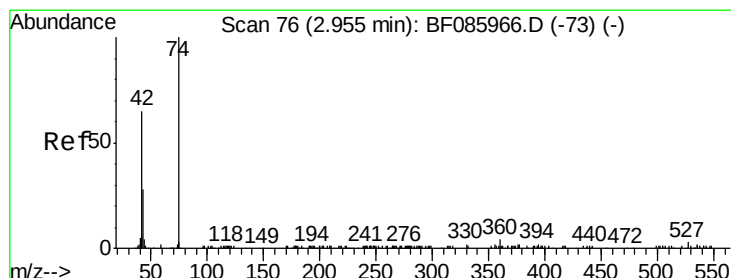
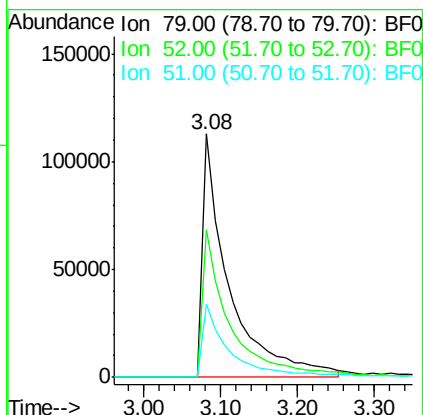




#3
 Pvridine
 Concen: 40.39 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.08 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

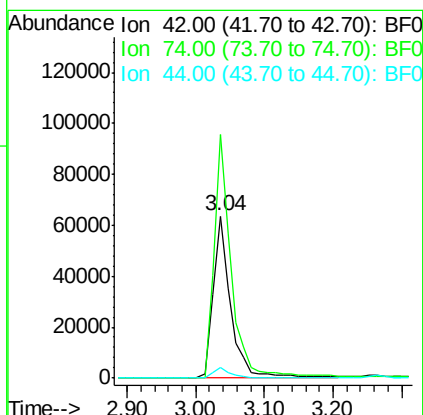
Tot Ion	79	Resp	268649
Ion Ratio	Lower	Upper	
79	100		
52	60.7	49.8	74.6
51	30.2	24.7	37.1

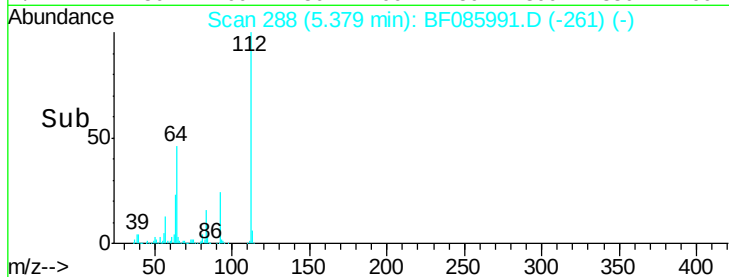
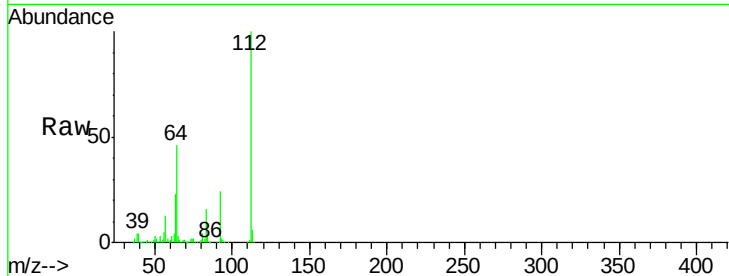
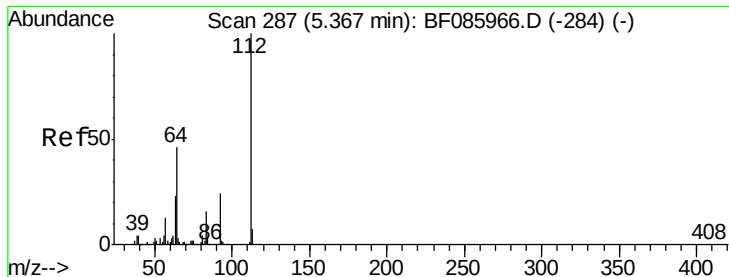
Instrument :
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#4
 n-Nitrosodimethylamine
 Concen: 39.62 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.08 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	42	Resp	115870
Ion Ratio	Lower	Upper	
42	100		
74	150.4	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 82.97 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

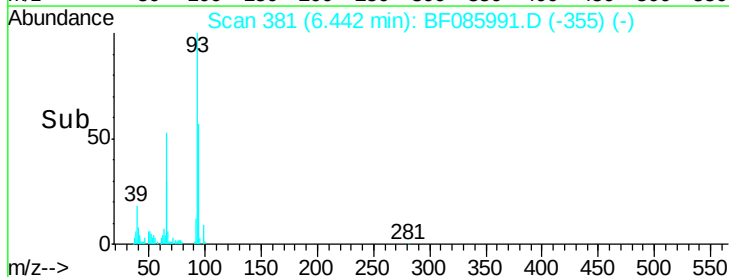
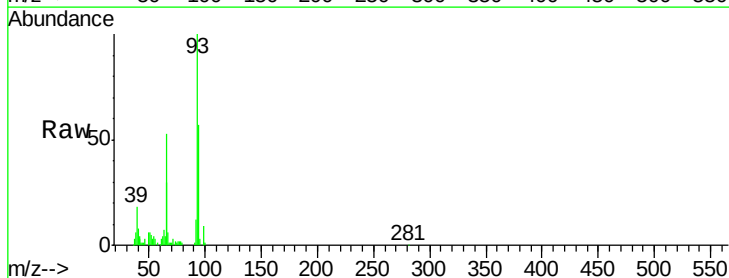
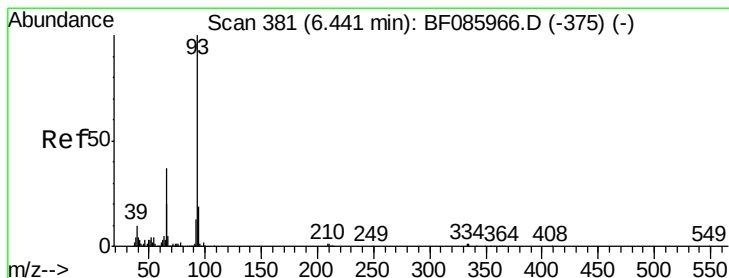
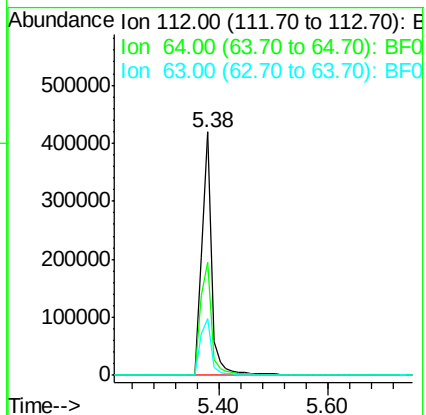
Tot Ion: 112 Resp: 519956

Ion Ratio Lower Upper

112 100

64 46.4 39.9 59.9

63 23.5 20.2 30.2



#6

Aniline

Concen: 8.61 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

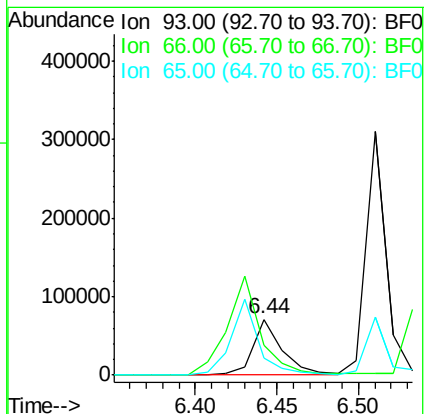
Tgt Ion: 93 Resp: 89957

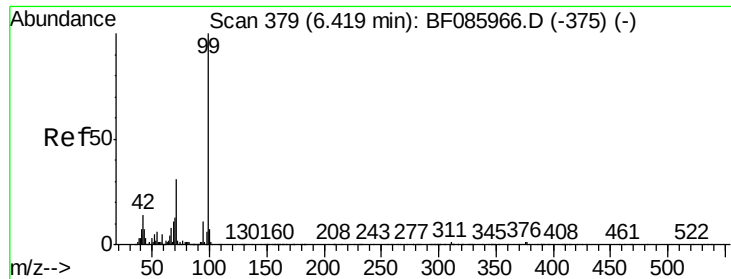
Ion Ratio Lower Upper

93 100

66 52.9 31.4 47.2#

65 29.6 15.7 23.5#





#7

Phenol-d6

Concen: 84.48 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085991.D

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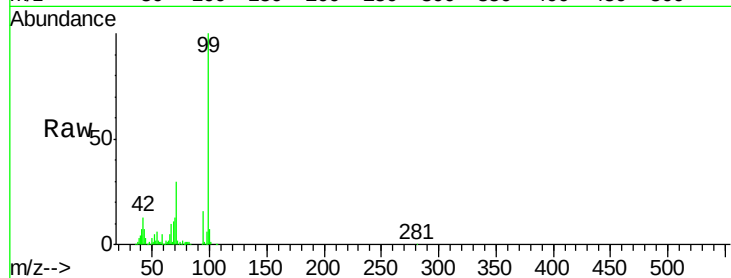
Tot Ion: 99 Resp: 672488

Ion Ratio Lower Upper

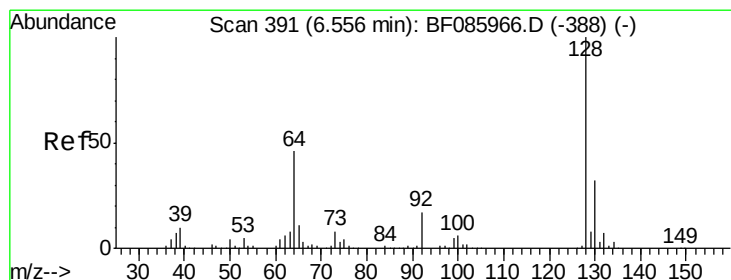
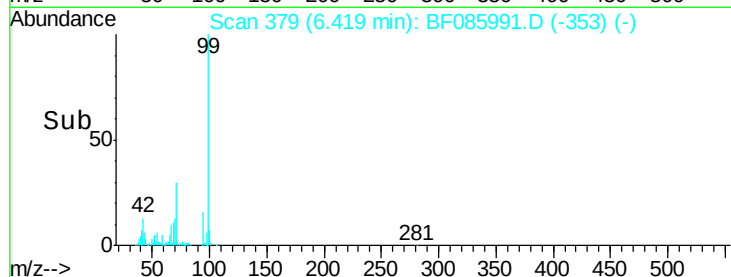
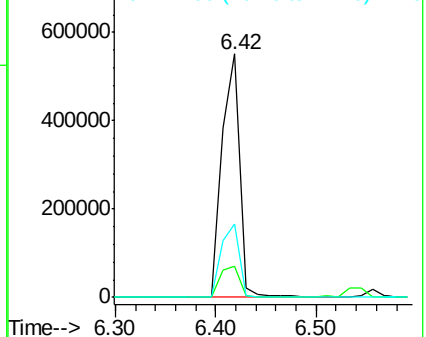
99 100

42 12.9 11.1 16.7

71 30.1 24.9 37.3



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



#8

2-Chlorophenol

Concen: 38.73 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

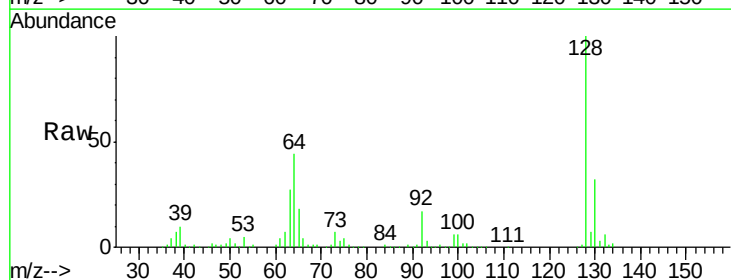
Tgt Ion: 128 Resp: 289467

Ion Ratio Lower Upper

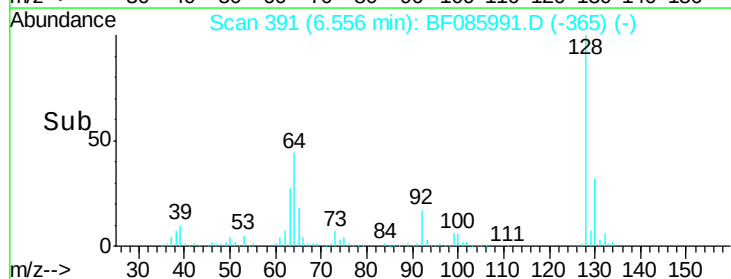
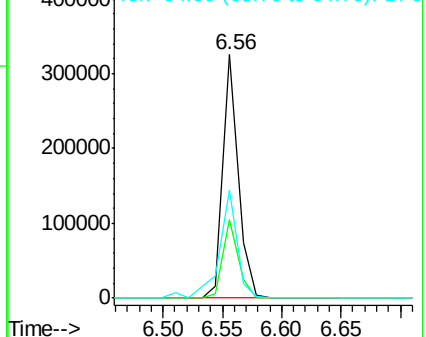
128 100

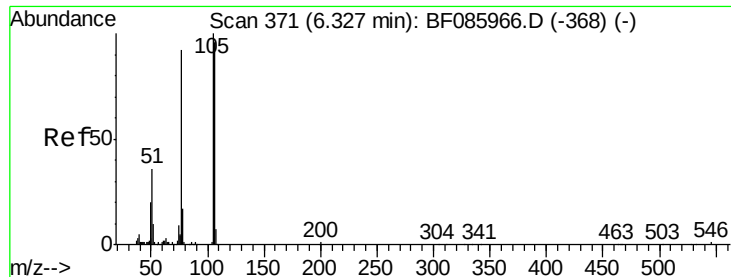
130 32.1 12.9 52.9

64 44.3 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.04 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

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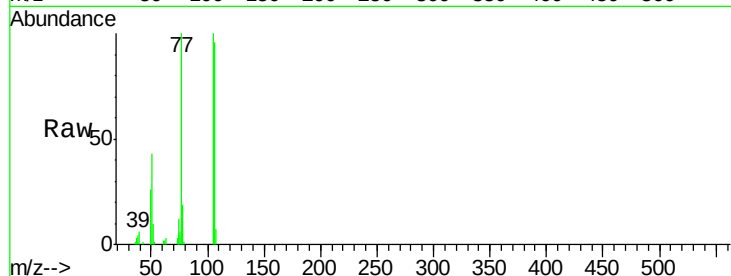
Tot Ion: 77 Resp: 47278

Ion Ratio Lower Upper

77 100

105 100.0 80.1 120.1

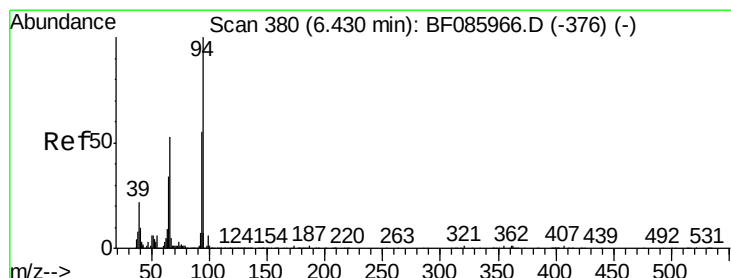
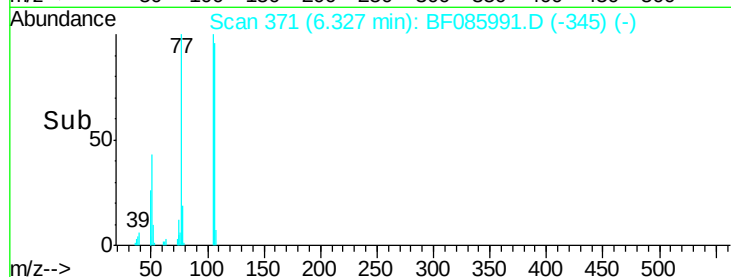
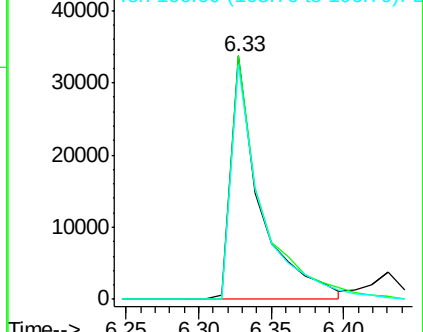
106 96.5 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.04 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

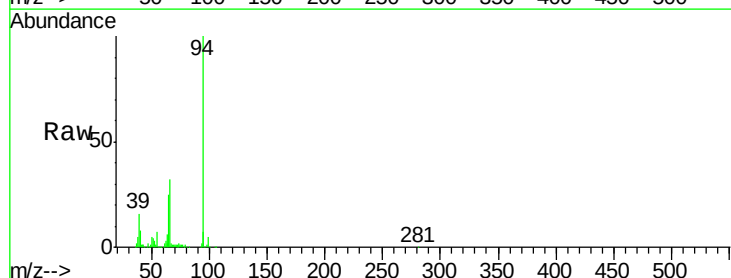
Tgt Ion: 94 Resp: 372661

Ion Ratio Lower Upper

94 100

65 24.7 8.6 48.6

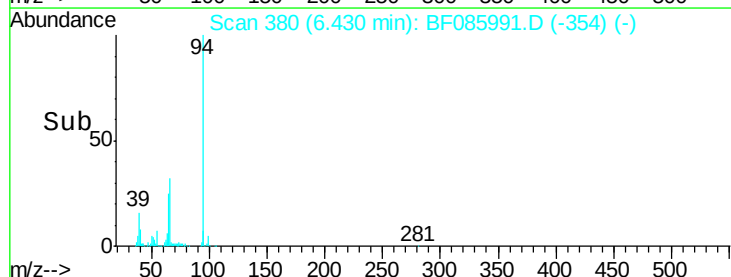
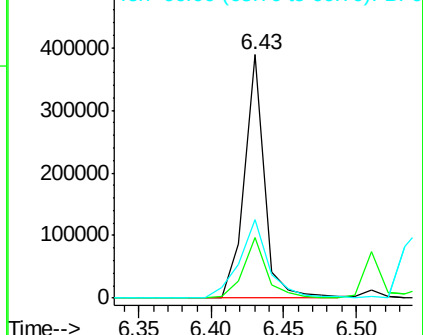
66 32.2 20.0 60.0

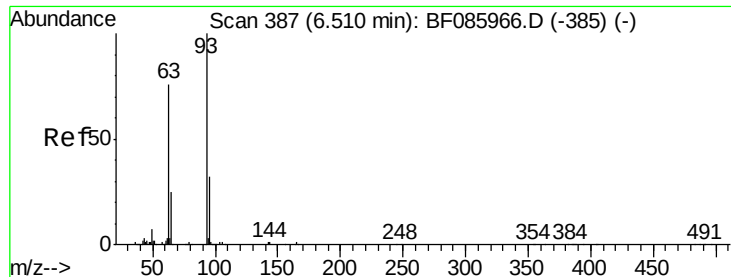


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

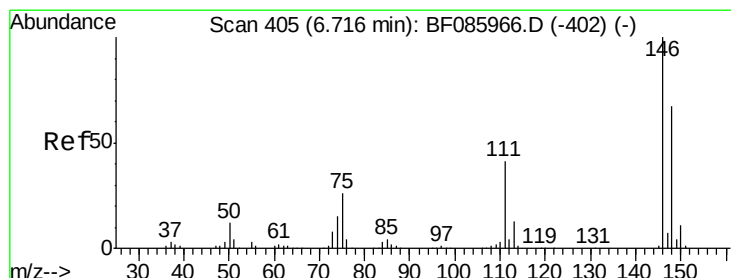
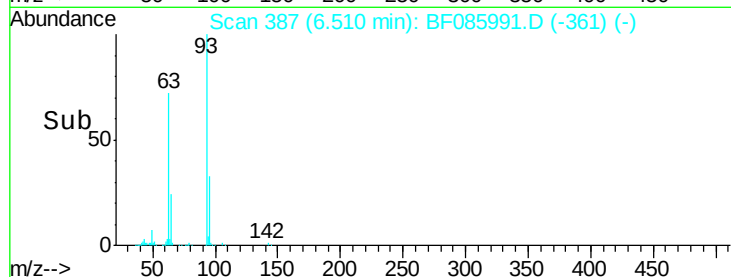
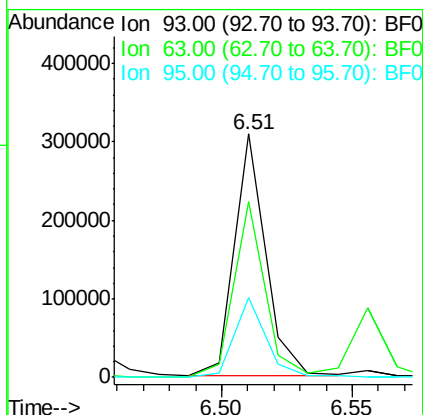
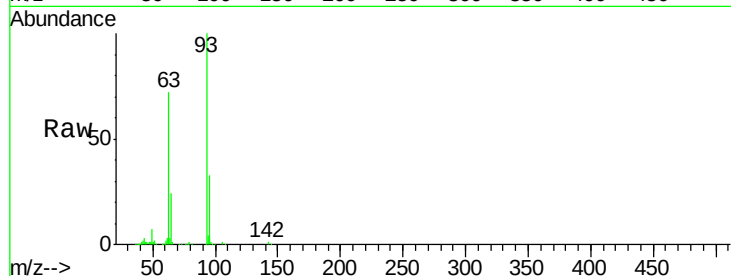




#11
 bis(2-Chloroethyl)ether
 Concen: 35.81 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

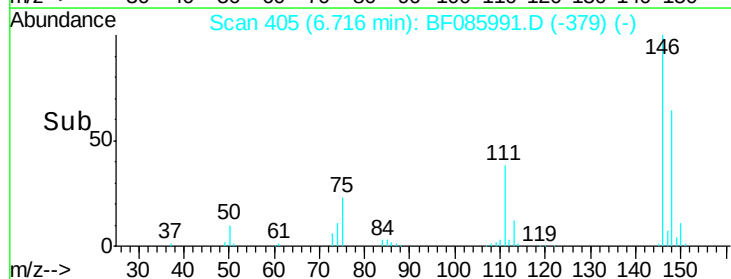
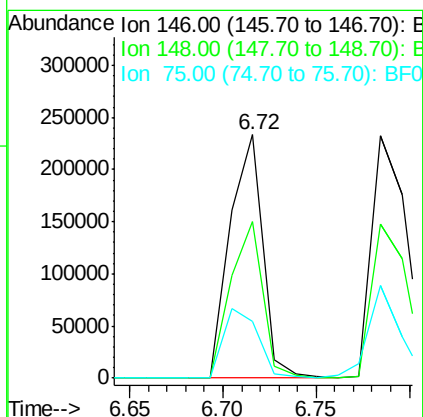
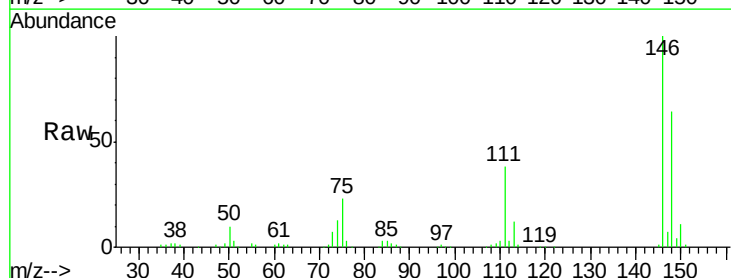
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

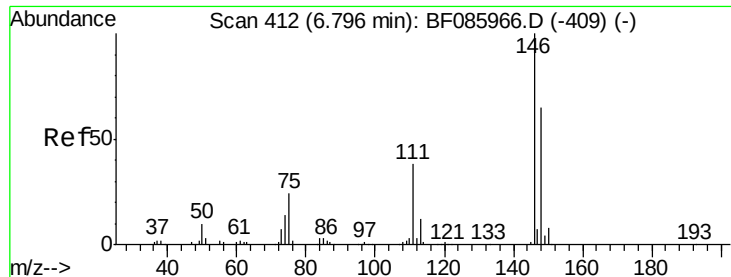
Tot Ion	93	Resp	257499
Ion Ratio	Lower	Upper	
93	100		
63	72.3	50.9	90.9
95	32.7	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 36.16 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	146	Resp	286397
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
75	23.4	17.4	26.2

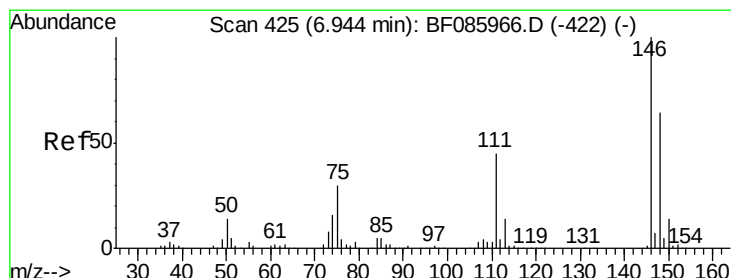
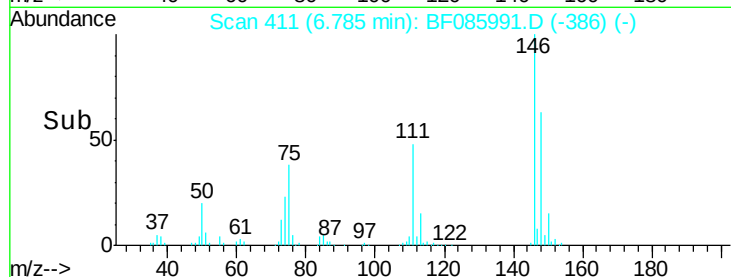
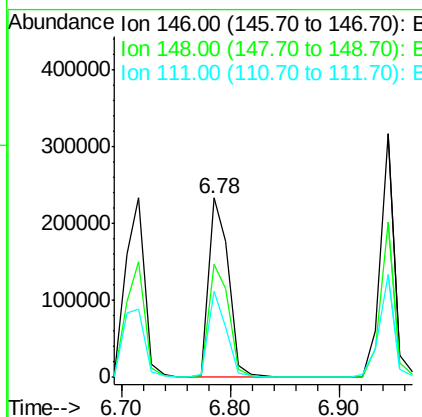
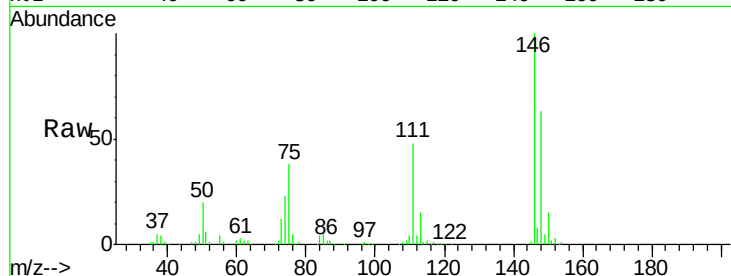




#13
 1,4-Dichlorobenzene
 Concen: 36.60 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

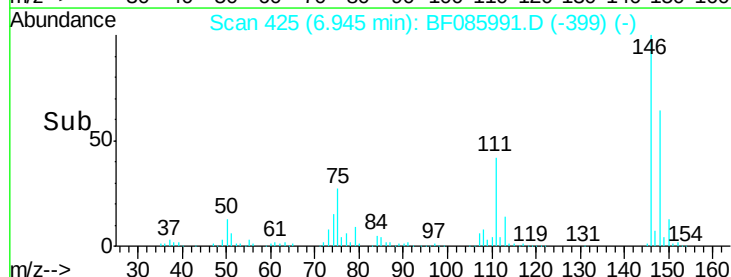
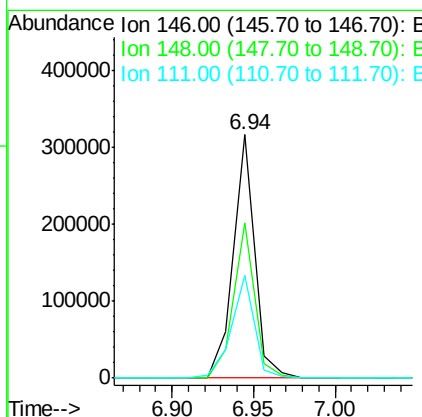
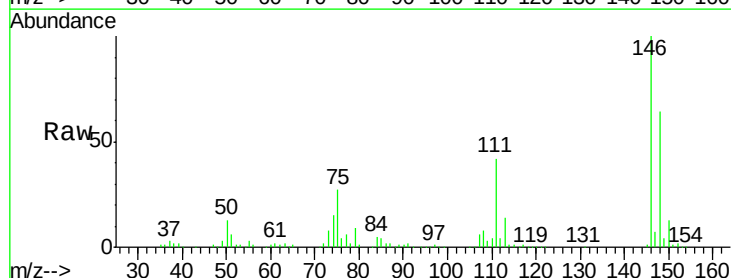
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

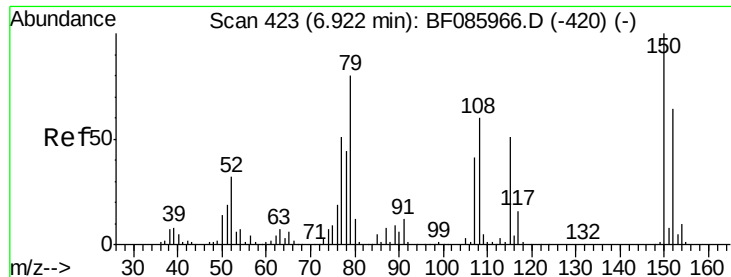
Tot Ion:146 Resp: 298654
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 48.3 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 37.73 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:146 Resp: 283384
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 42.5 34.6 52.0

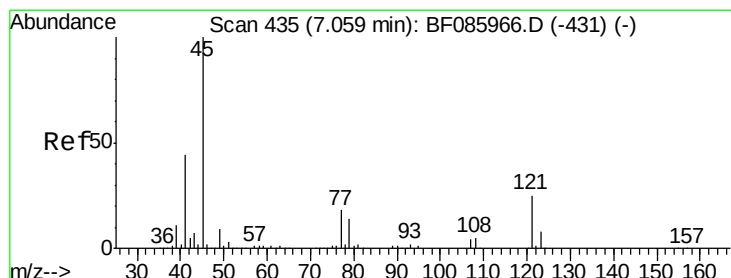
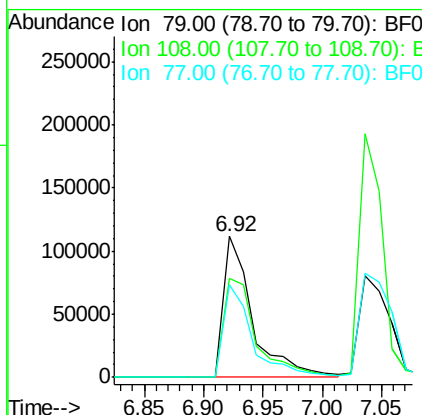
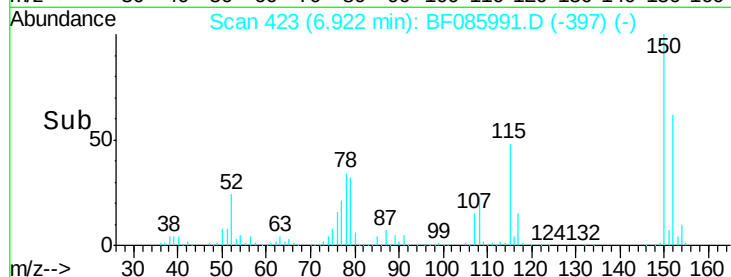
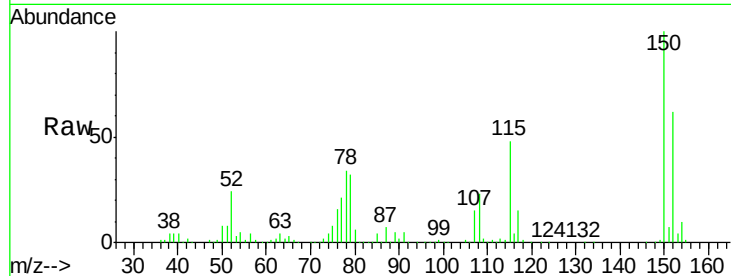




#15
Benzyl Alcohol
Concen: 36.73 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

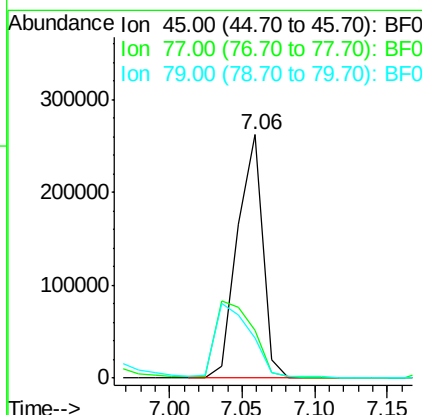
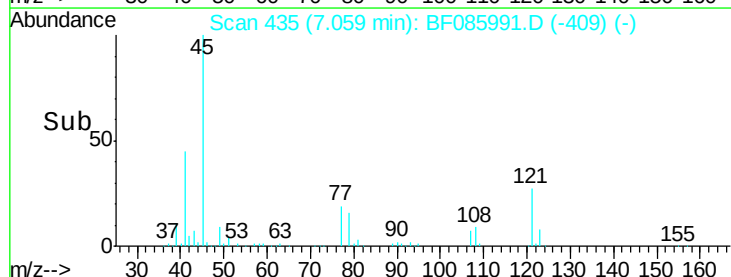
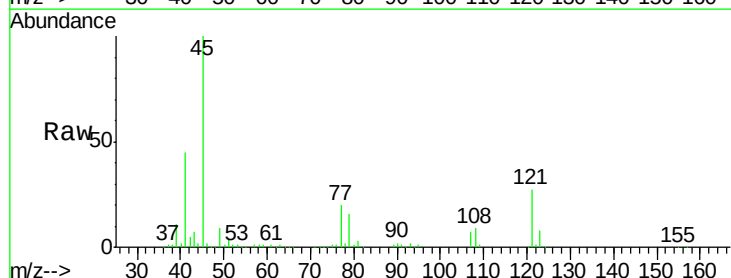
Instrument :
BNA_F
ClientSampleID :
PB89385BSD

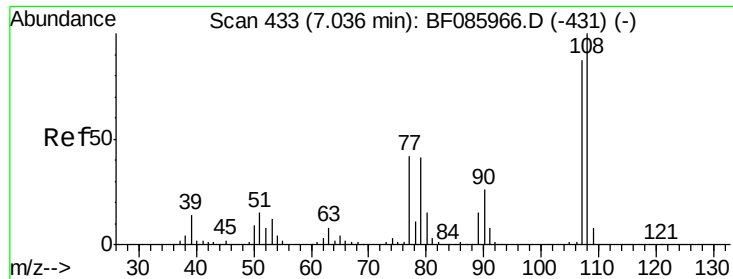
Tot Ion: 79 Resp: 189175
Ion Ratio Lower Upper
79 100
108 70.4 61.8 92.6
77 65.7 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.07 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion: 45 Resp: 316846
Ion Ratio Lower Upper
45 100
77 19.7 0.0 35.7
79 16.3 0.0 32.2

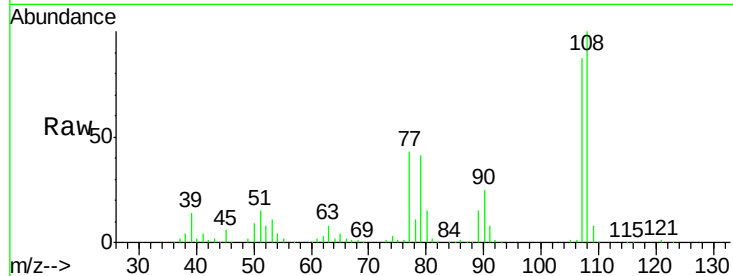




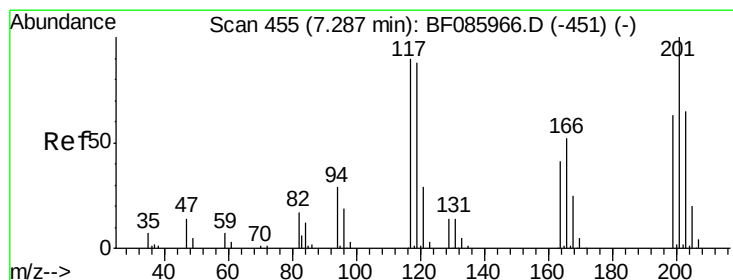
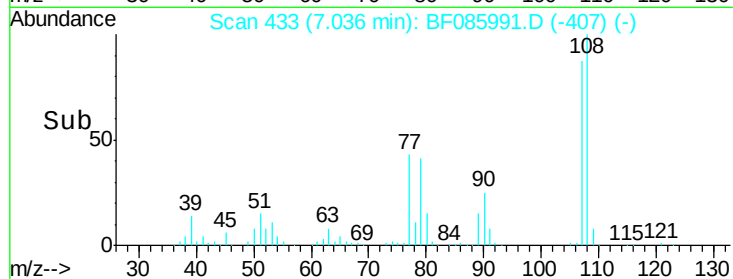
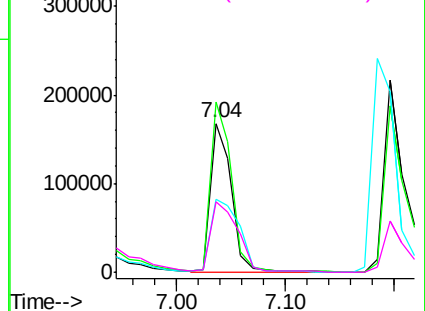
#17
2-Methylphenol
Concen: 37.95 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion:	107	Resp:	223614
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.4	137.0
77	49.3	36.2	54.2
79	47.7	35.8	53.8

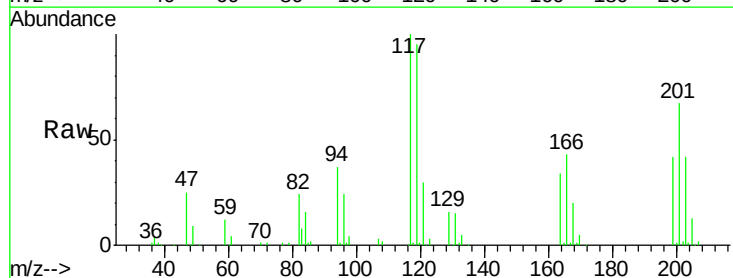


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

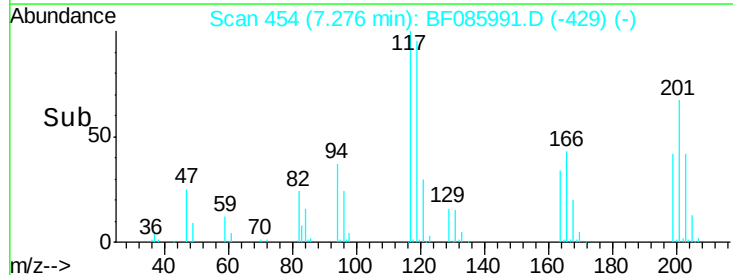
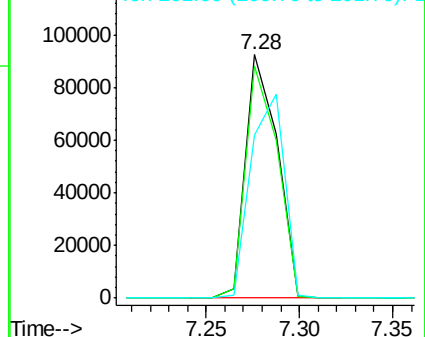


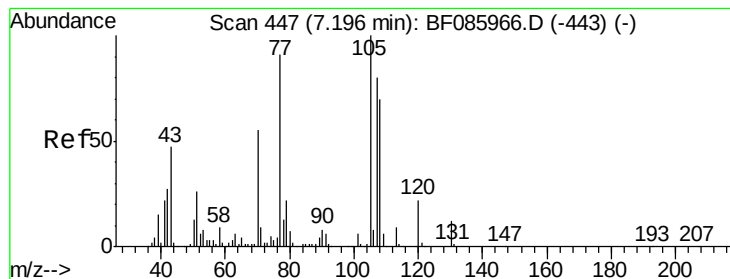
#18
Hexachloroethane
Concen: 36.38 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion:	117	Resp:	109201
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
201	67.1	83.3	124.9#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.07 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

Tot Ion: 70 Resp: 192764

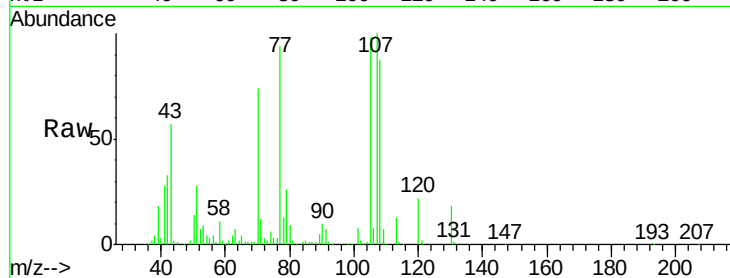
Ion Ratio Lower Upper

70 100

42 44.9 37.1 55.7

101 10.5 8.6 12.8

130 24.0 19.6 29.4

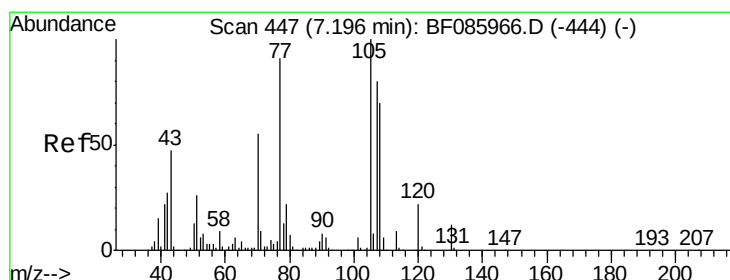
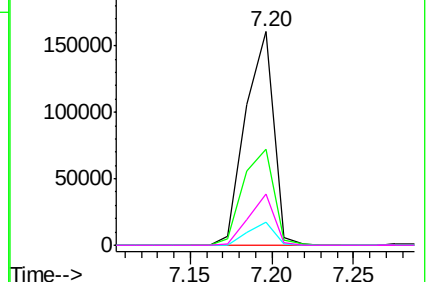
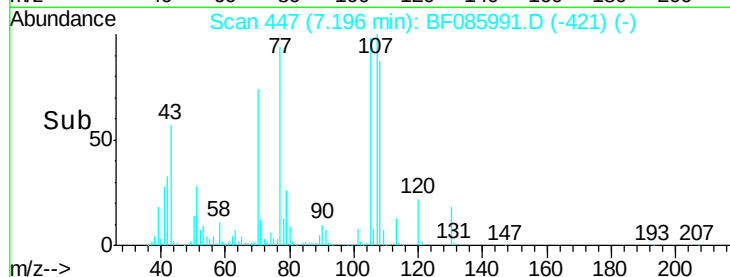


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.97 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion: 107 Resp: 293616

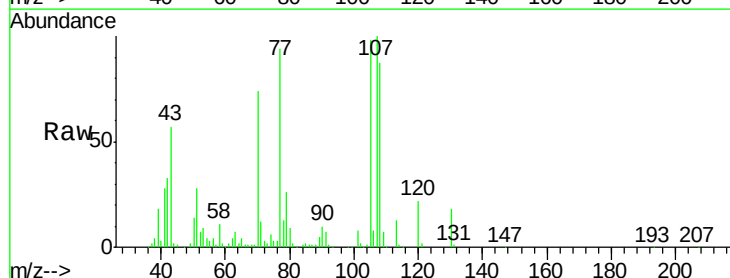
Ion Ratio Lower Upper

107 100

108 87.2 69.3 109.3

77 94.4 101.7 141.7#

79 26.4 8.3 48.3

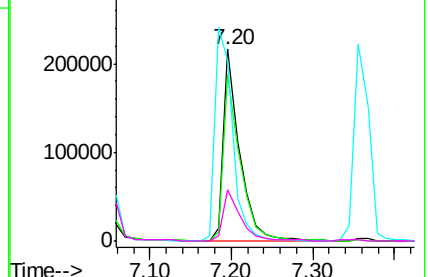
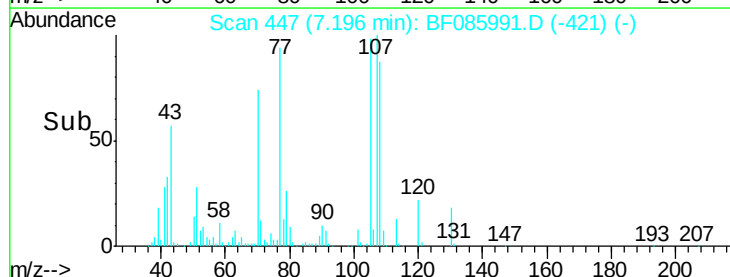


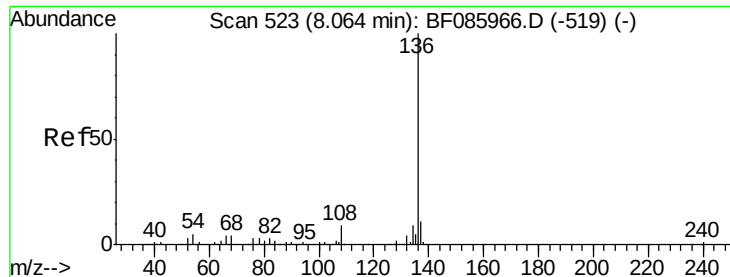
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

Tot Ion:136 Resp: 418933

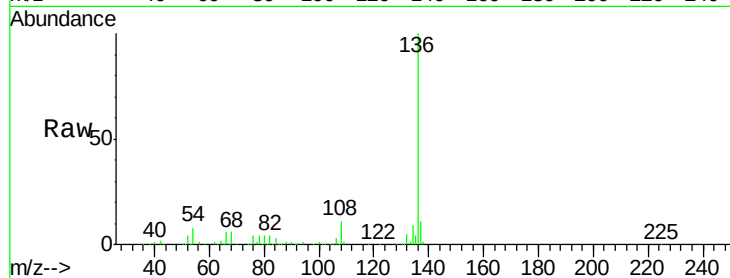
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.9 7.4 11.0

68 6.4 5.8 8.8

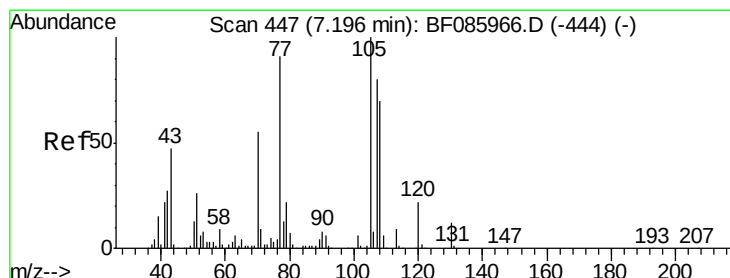
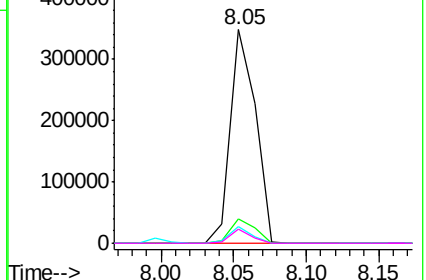
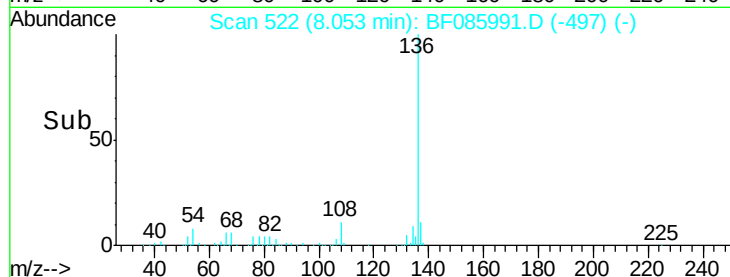


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.87 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:105 Resp: 372983

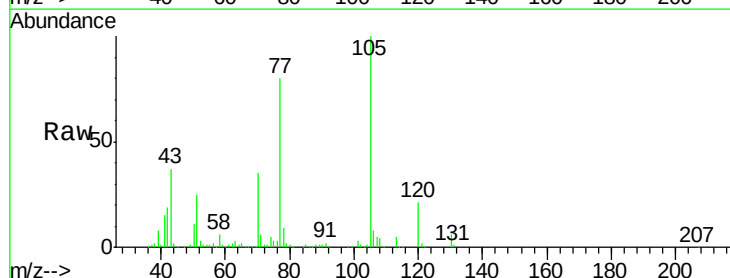
Ion Ratio Lower Upper

105 100

71 6.1 3.6 5.4#

51 25.1 25.4 38.0#

120 21.1 16.9 25.3

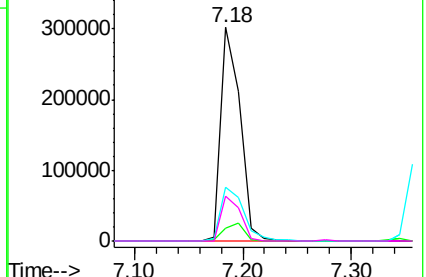
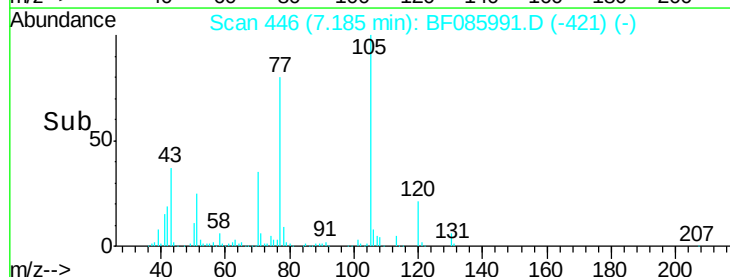


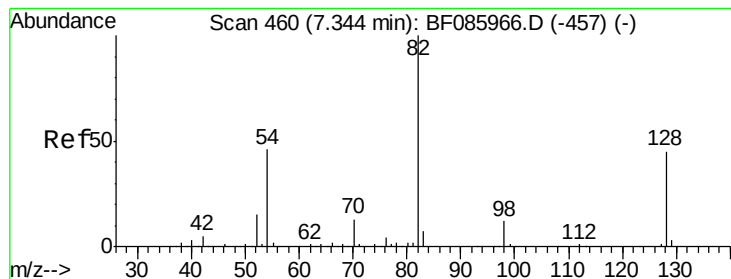
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.81 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

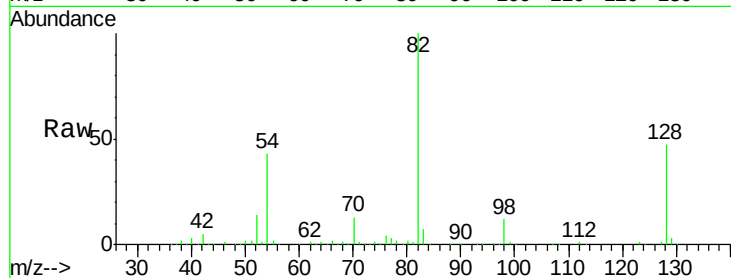
Tot Ion: 82 Resp: 588269

Ion Ratio Lower Upper

82 100

128 46.6 41.8 62.8

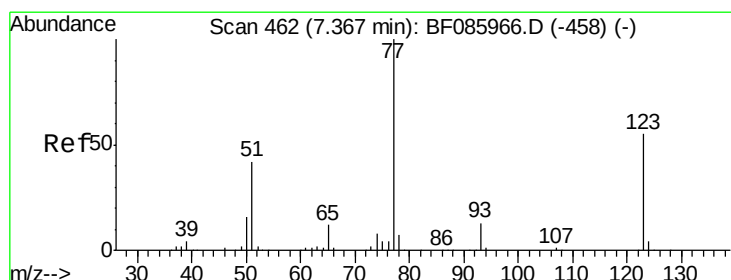
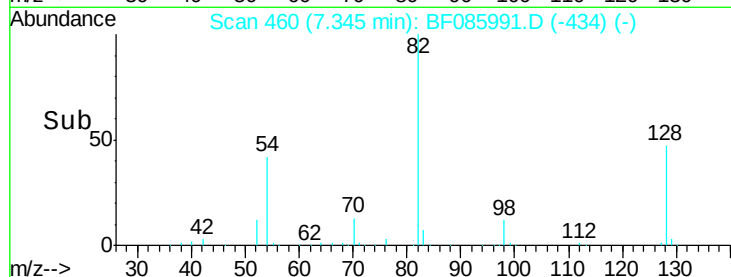
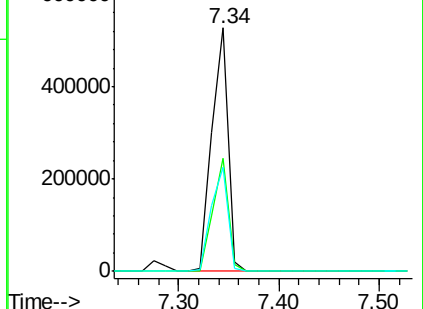
54 43.0 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.46 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

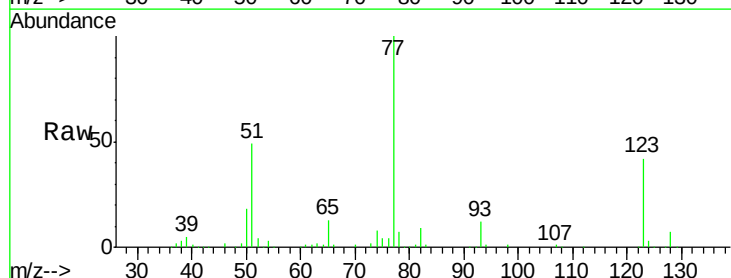
Tgt Ion: 77 Resp: 275570

Ion Ratio Lower Upper

77 100

123 42.4 35.0 52.4

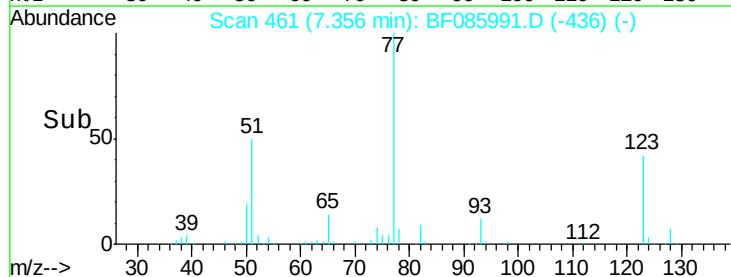
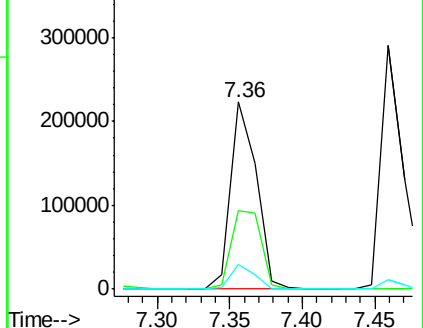
65 13.2 10.6 16.0

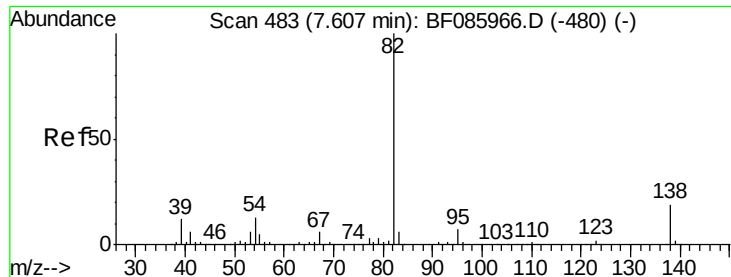


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.44 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

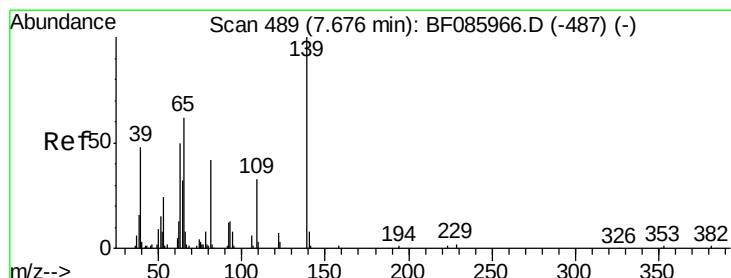
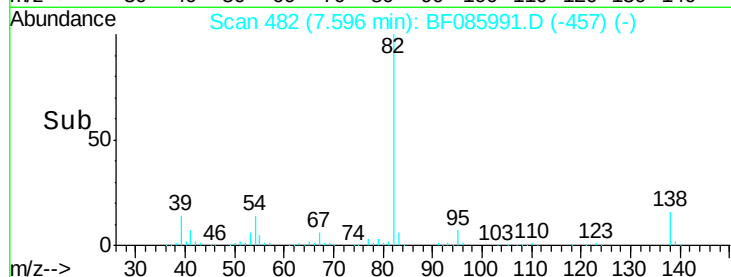
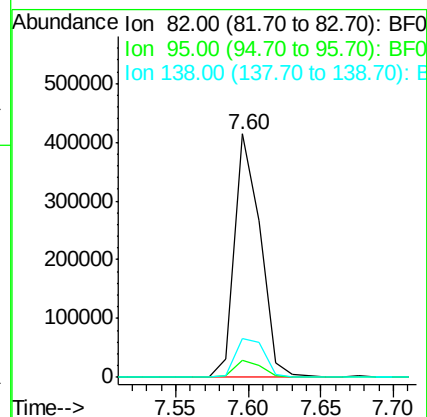
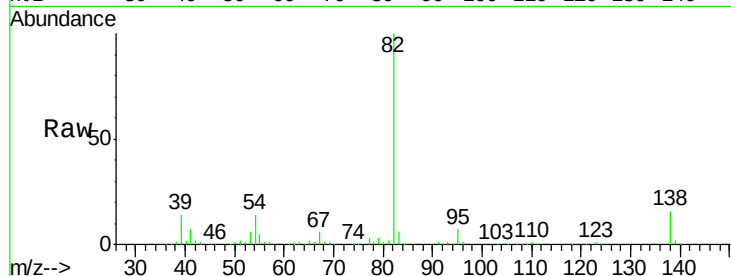
Tot Ion: 82 Resp: 511066

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 15.9 12.9 19.3



#26

2-Nitrophenol

Concen: 39.20 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

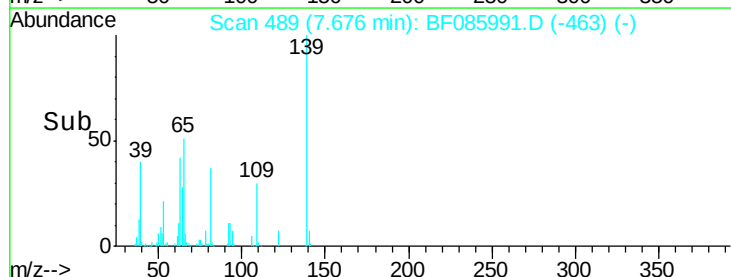
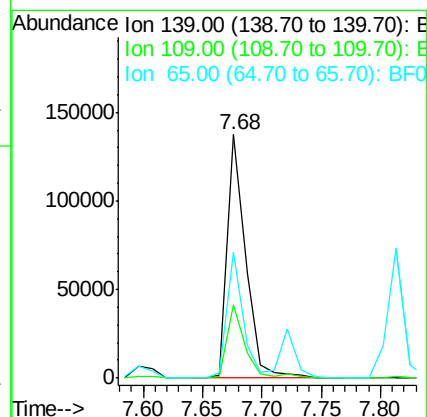
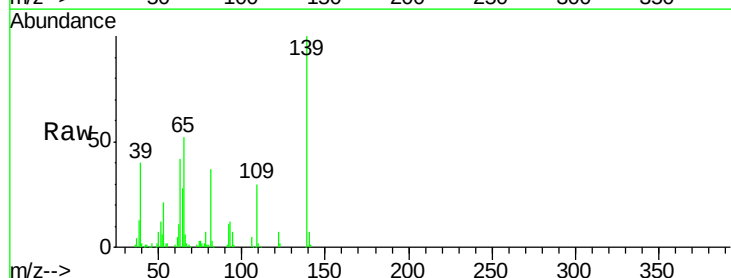
Tgt Ion: 139 Resp: 145769

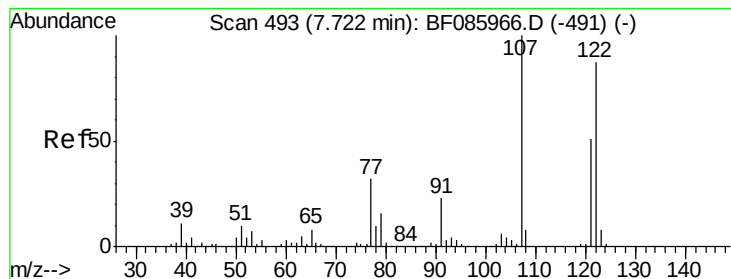
Ion Ratio Lower Upper

139 100

109 30.4 22.1 33.1

65 51.9 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

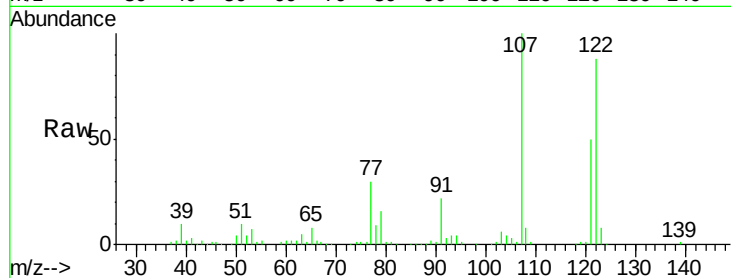
Tot Ion:122 Resp: 269688

Ion Ratio Lower Upper

122 100

107 114.3 93.0 139.6

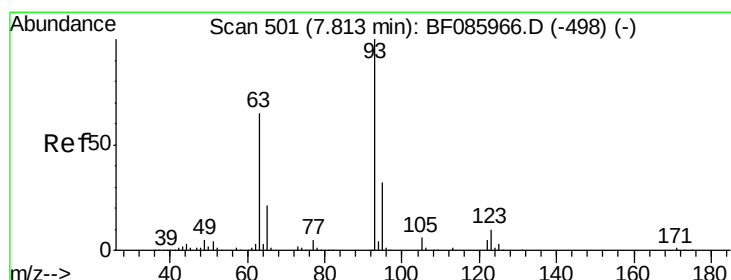
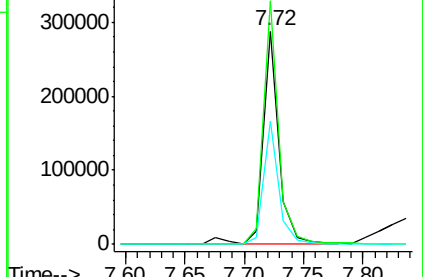
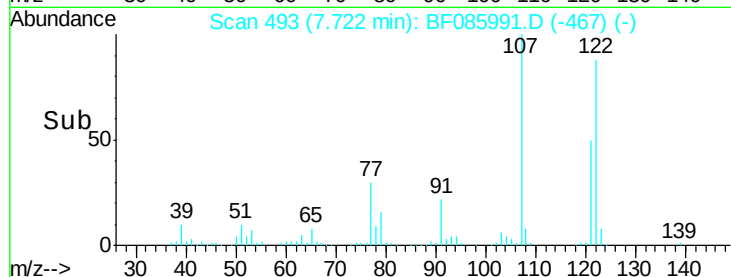
121 57.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.60 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

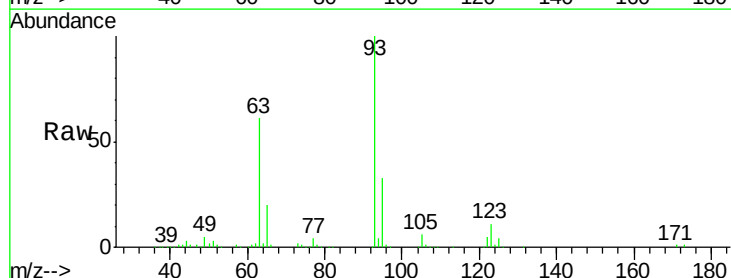
Tgt Ion: 93 Resp: 342323

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

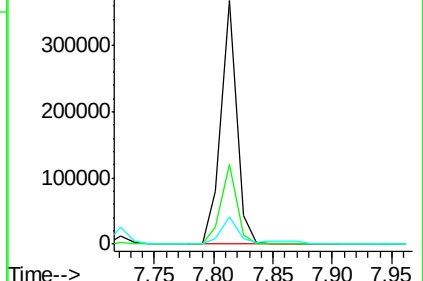
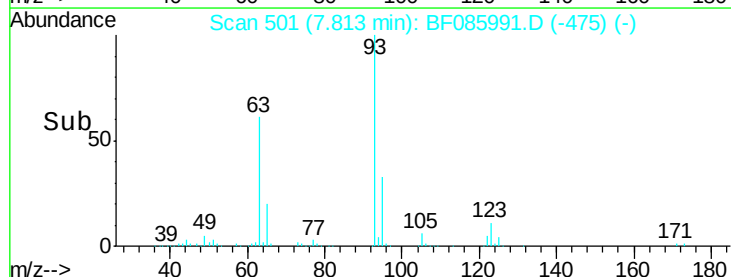
123 11.1 9.8 14.6

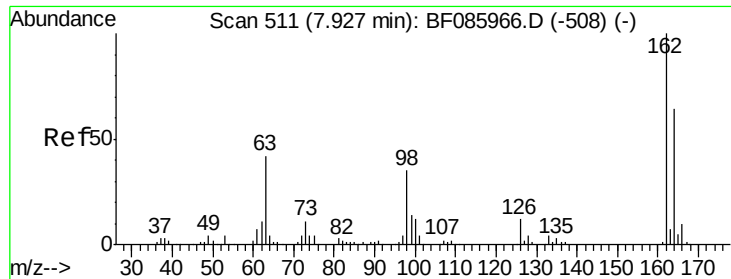


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

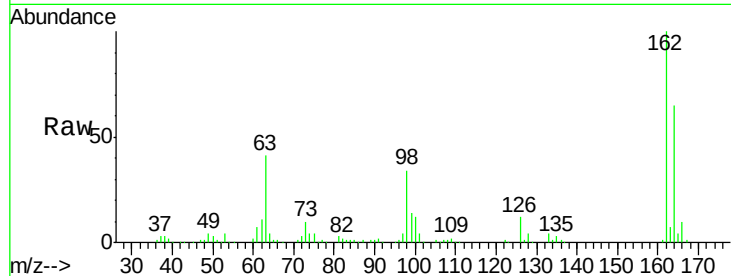




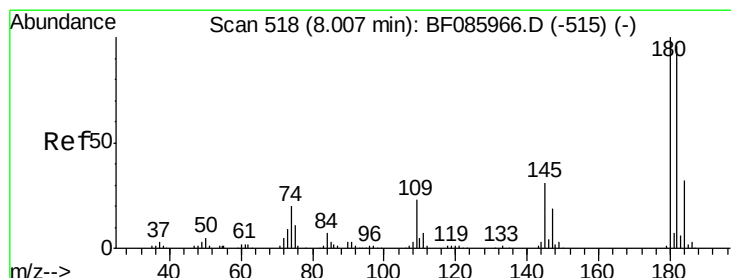
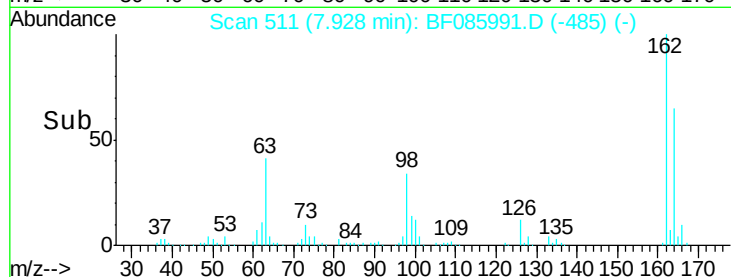
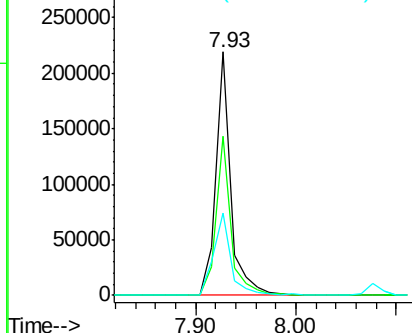
#29
 2,4-Dichlorophenol
 Concen: 39.92 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	34.0	20.4	60.4

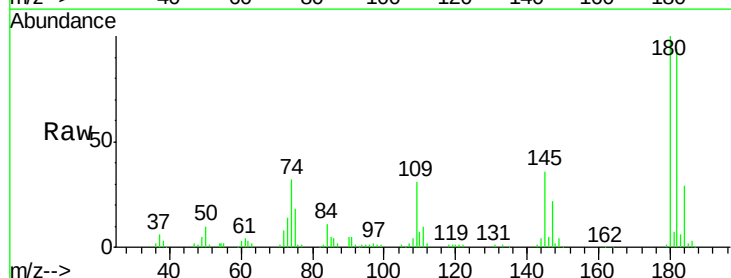


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

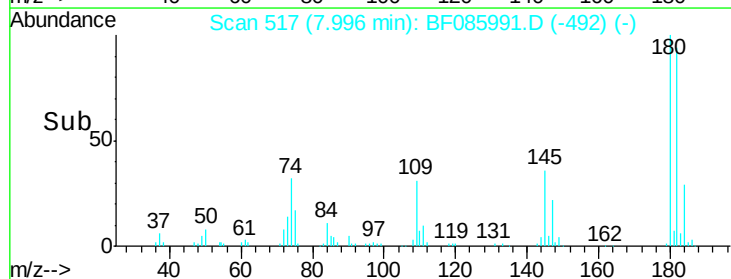
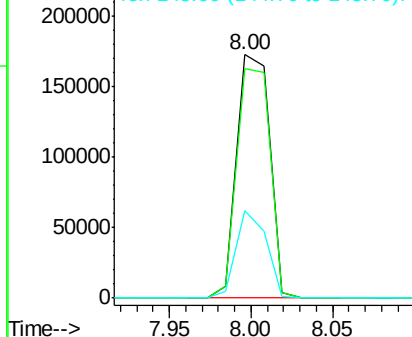


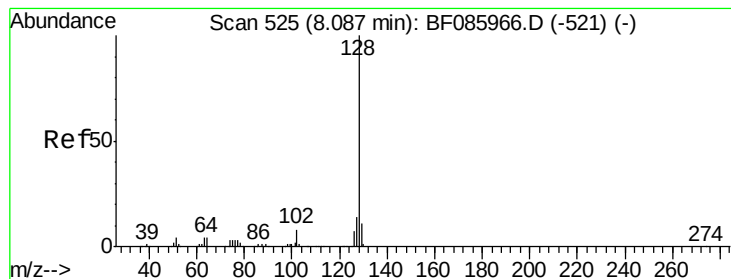
#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	73.8	110.8
145	35.7	28.4	42.6



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





#31

Naphthalene

Concen: 36.83 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

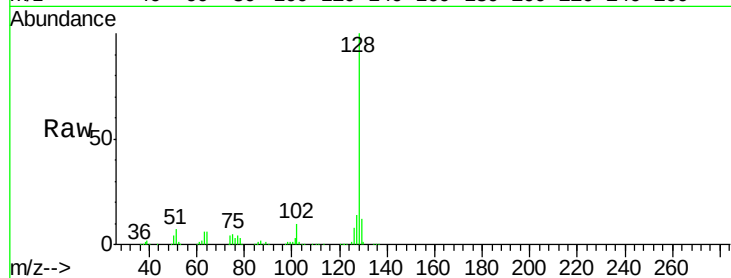
Tot Ion:128 Resp: 776065

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

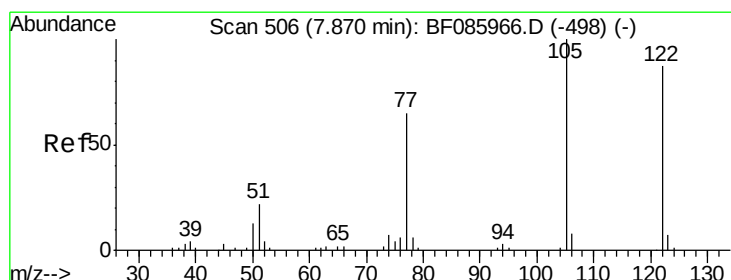
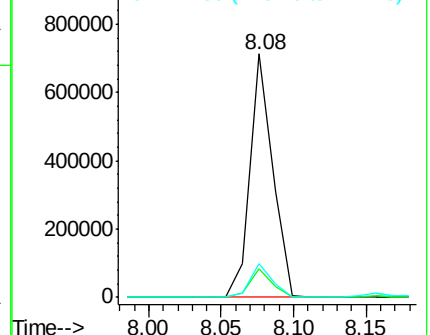
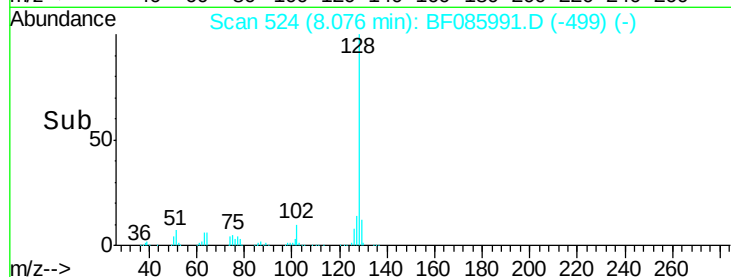
127 13.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.26 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

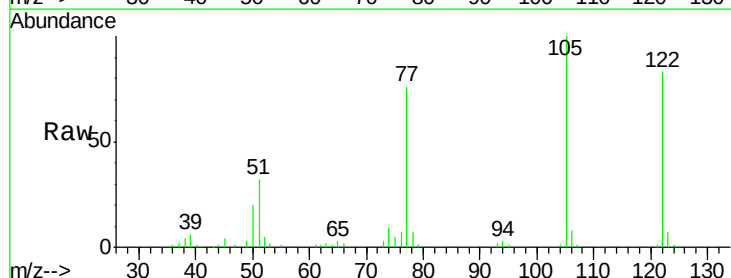
Tgt Ion:122 Resp: 167872

Ion Ratio Lower Upper

122 100

105 119.9 102.9 142.9

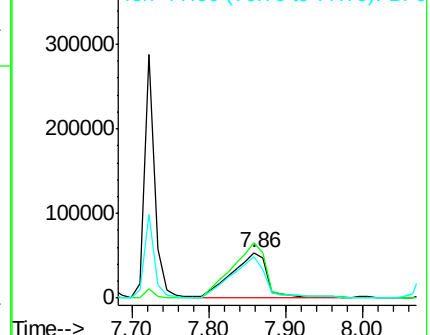
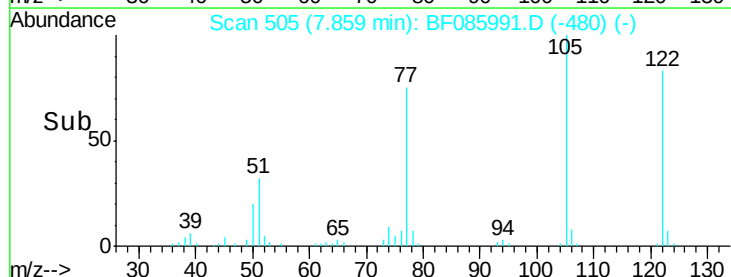
77 91.4 71.8 111.8

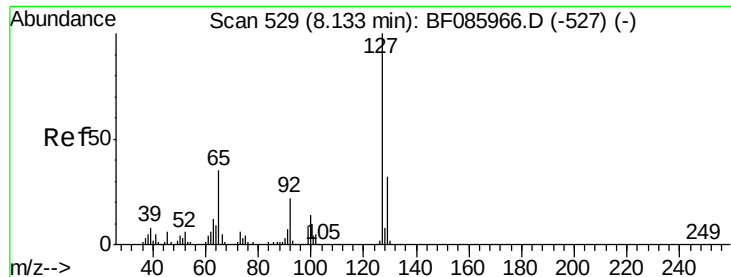


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

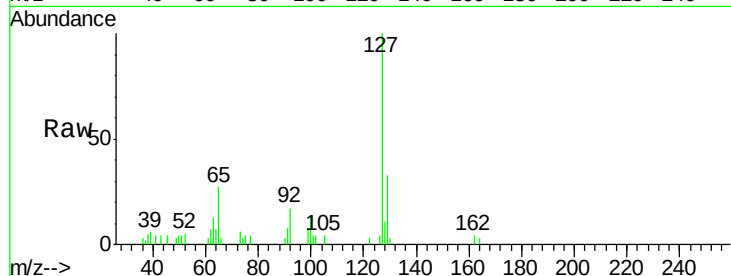




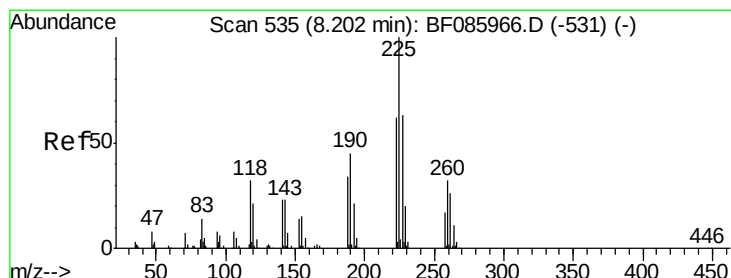
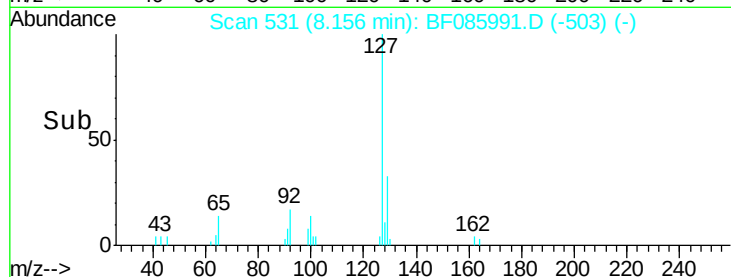
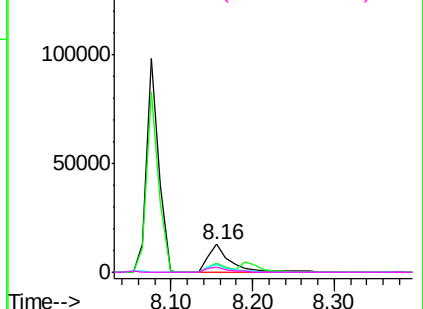
#33
4-Chloroaniline
Concen: 2.94 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion:127	Resp:	24989	
Ion Ratio	Lower	Upper	
127 100			
129 33.0	26.1	39.1	
65 27.1	19.5	29.3	
92 17.2	14.6	22.0	

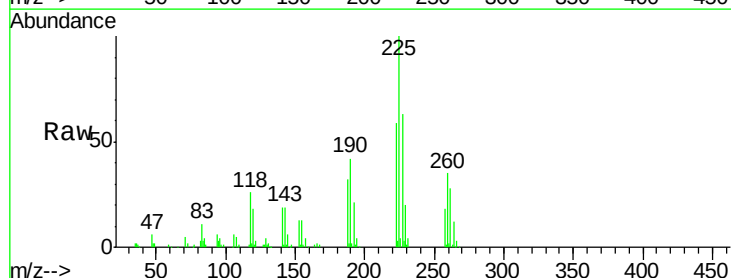


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

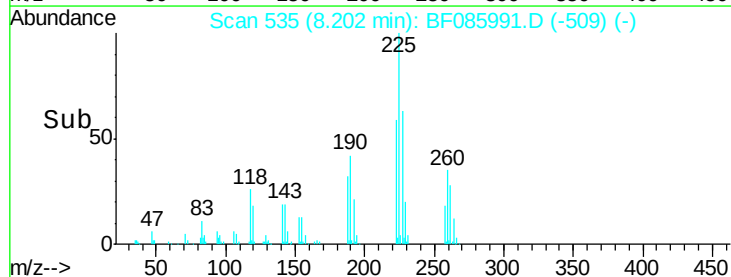
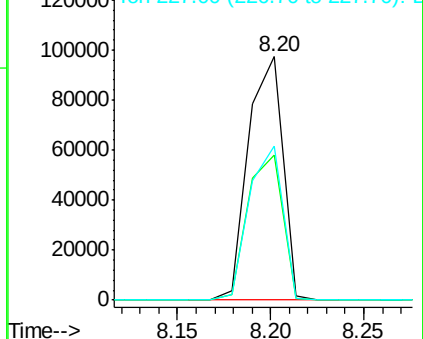


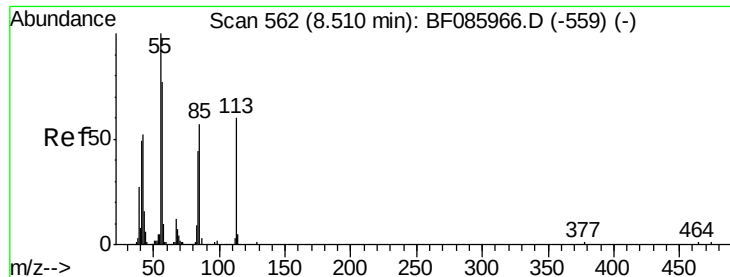
#34
Hexachlorobutadiene
Concen: 36.42 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	225	Resp:	124110
Ion	Ratio	Lower	Upper
225	100		
223	59.5	50.4	75.6
227	63.4	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.72 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

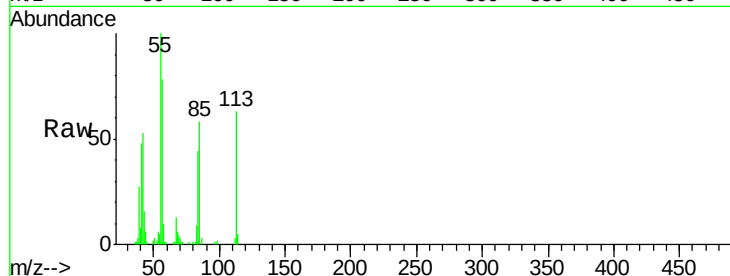
Tot Ion:113 Resp: 49649

Ion Ratio Lower Upper

113 100

55 159.5 139.4 179.4

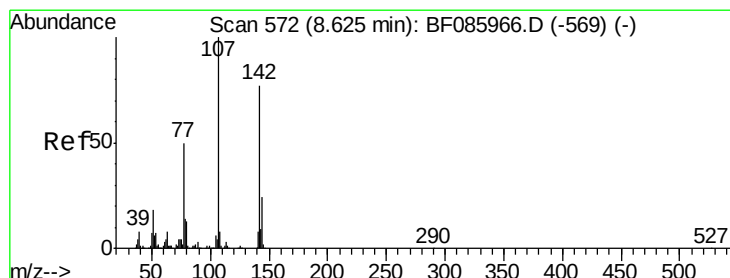
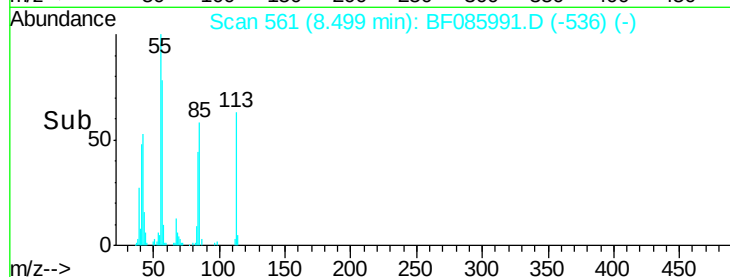
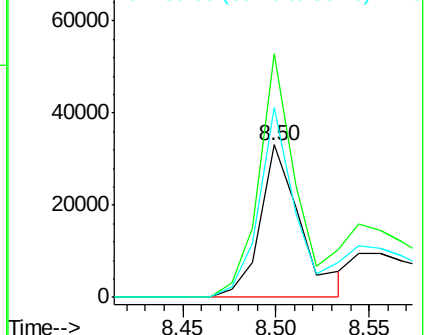
56 124.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.62 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

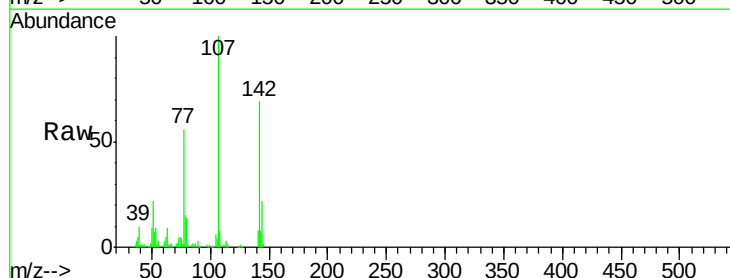
Tgt Ion:107 Resp: 245097

Ion Ratio Lower Upper

107 100

144 22.0 19.3 28.9

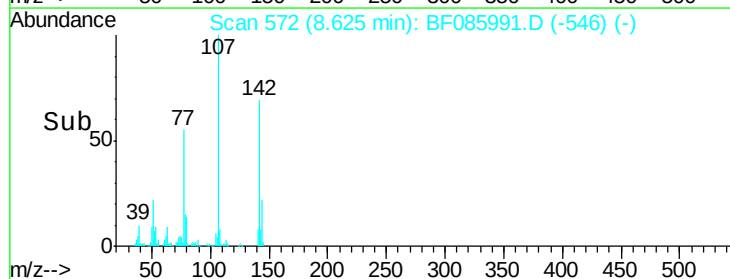
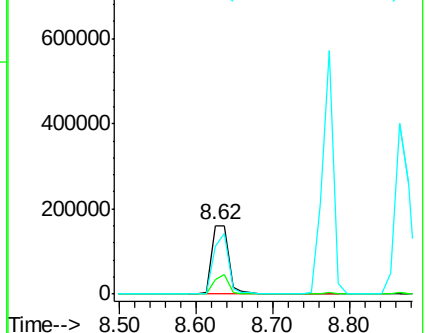
142 68.7 61.4 92.0

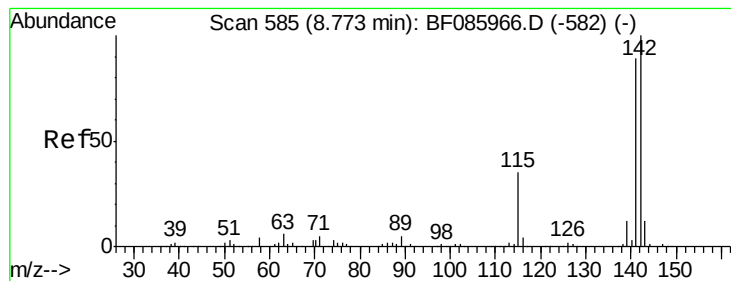


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.42 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

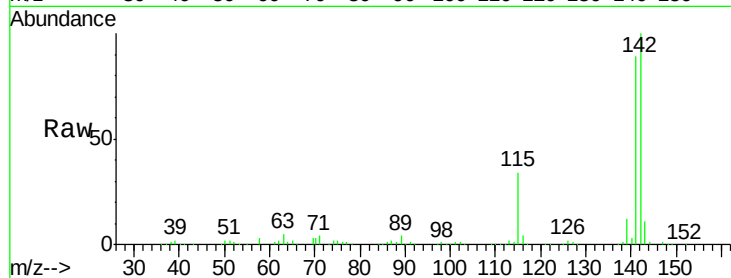
Tot Ion:142 Resp: 556405

Ion Ratio Lower Upper

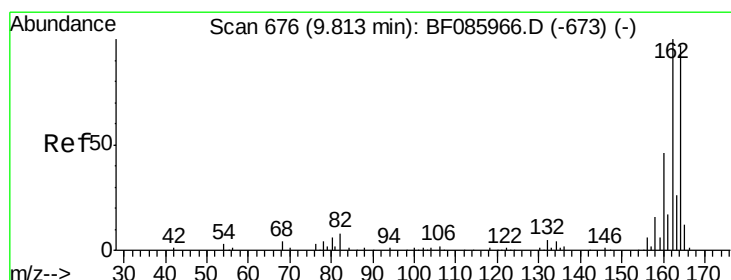
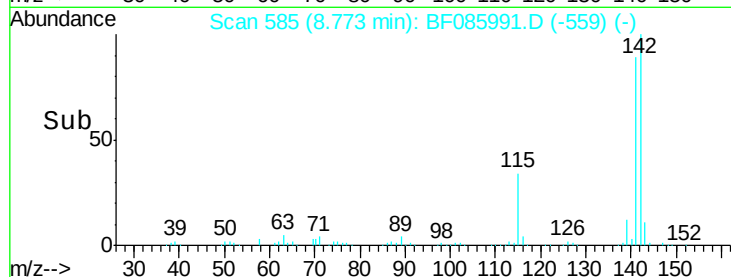
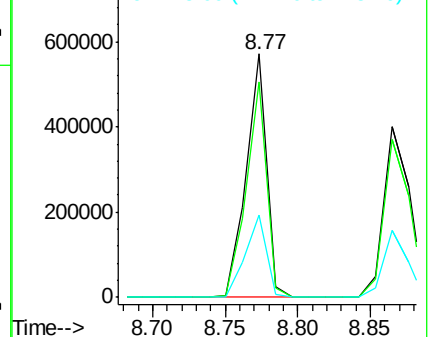
142 100

141 88.8 71.6 107.4

115 33.8 26.8 40.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

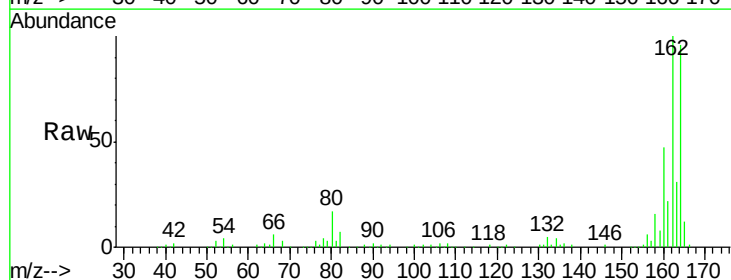
Tgt Ion:164 Resp: 204051

Ion Ratio Lower Upper

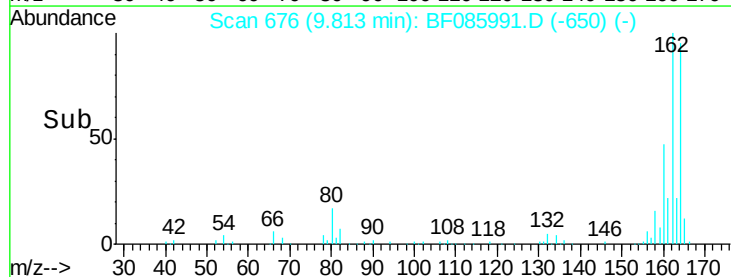
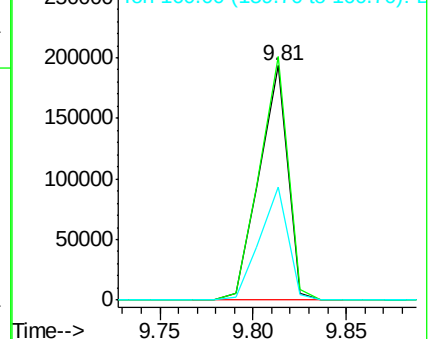
164 100

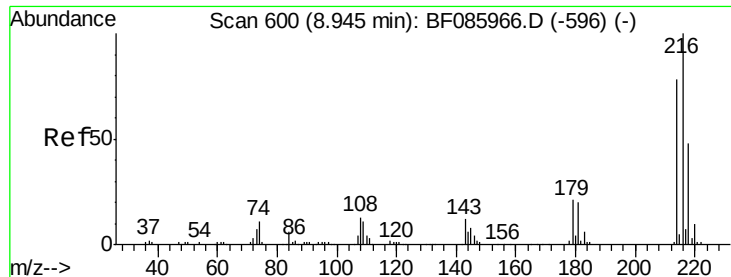
162 103.9 82.1 123.1

160 48.4 37.4 56.2



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

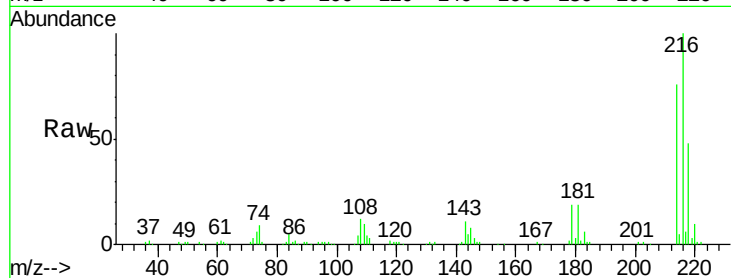




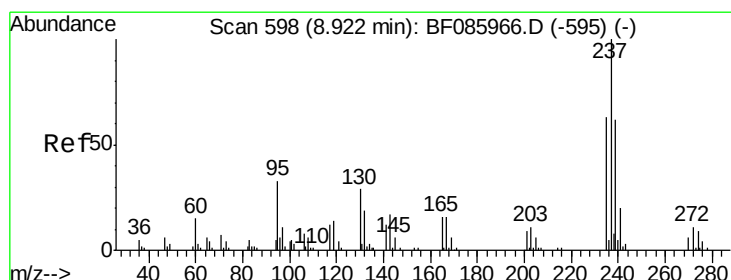
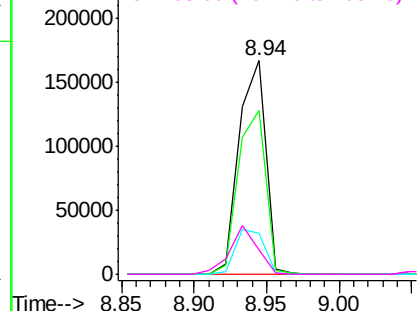
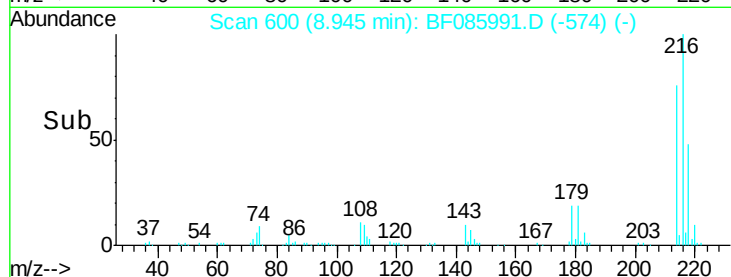
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.86 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:	216	Resp:	213787
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.1	94.7
179	22.6	18.2	27.2
108	23.2	17.3	25.9

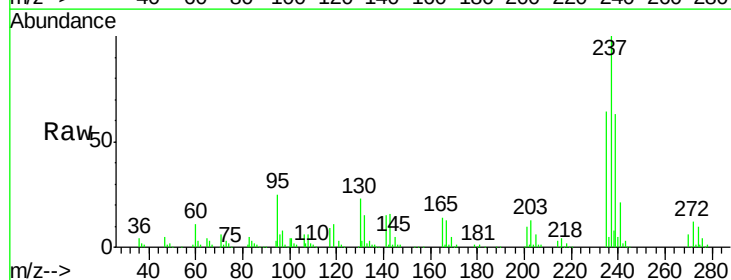


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

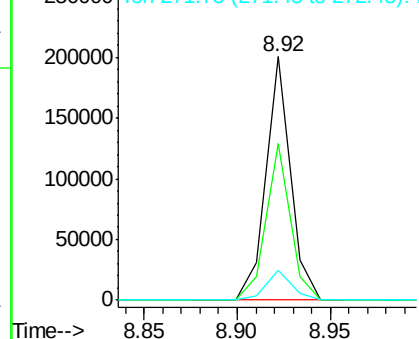
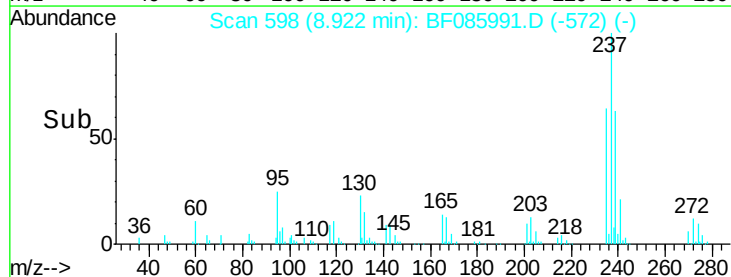


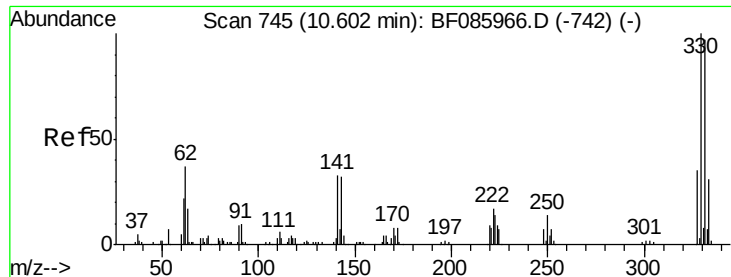
#40
 Hexachlorocyclopentadiene
 Concen: 81.25 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:	237	Resp:	181585
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.7	83.7
272	12.0	0.0	31.9



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

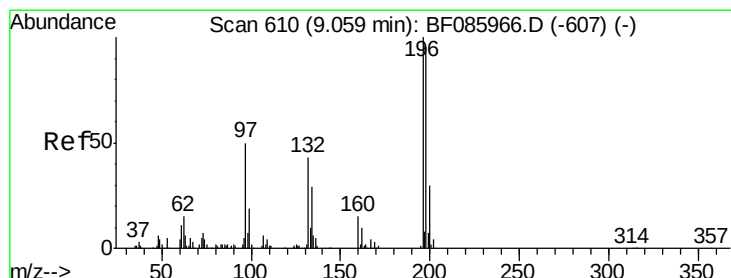
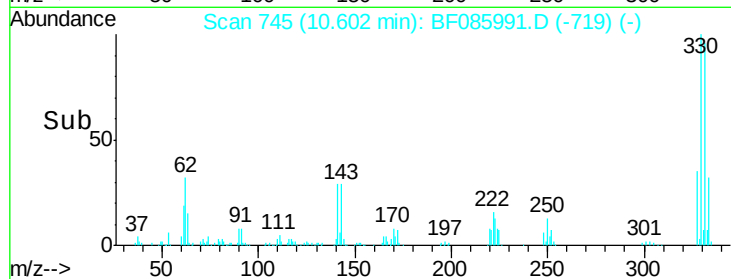
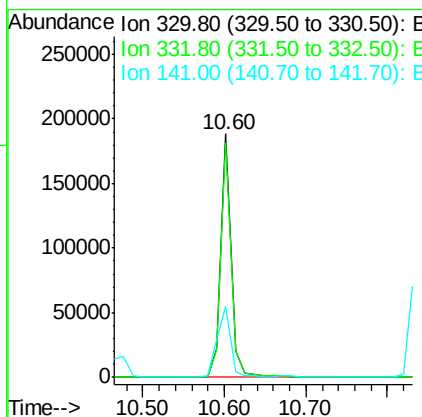
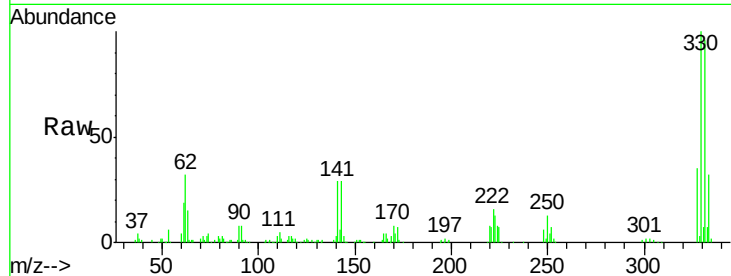




#41
 2,4,6-Tribromophenol
 Concen: 87.25 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

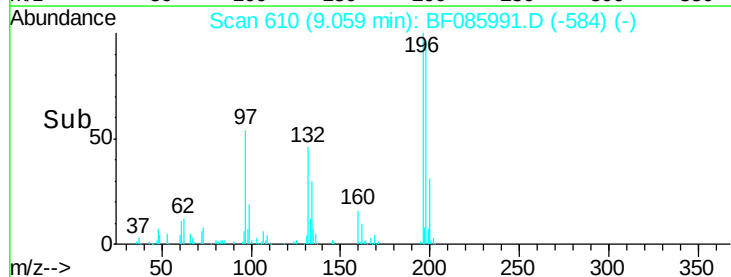
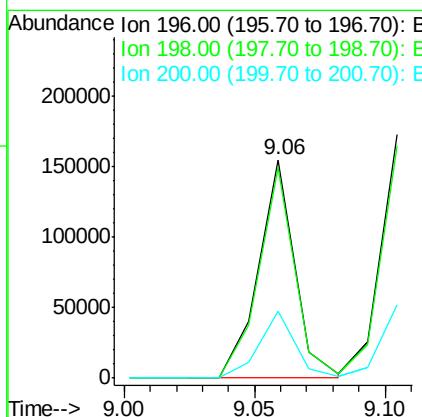
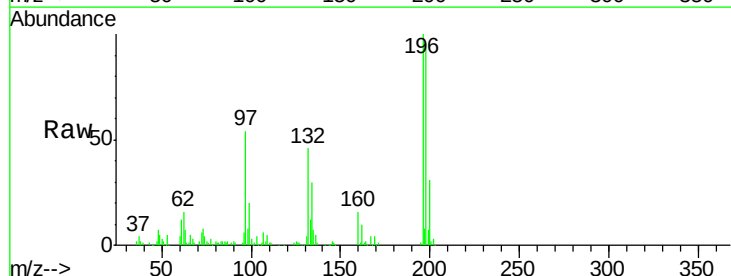
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

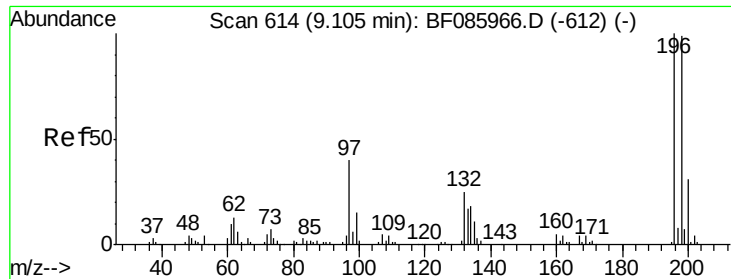
Tot Ion:330 Resp: 167104
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 37.9 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 37.80 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:196 Resp: 148869
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.3 112.9
 200 30.8 23.7 35.5

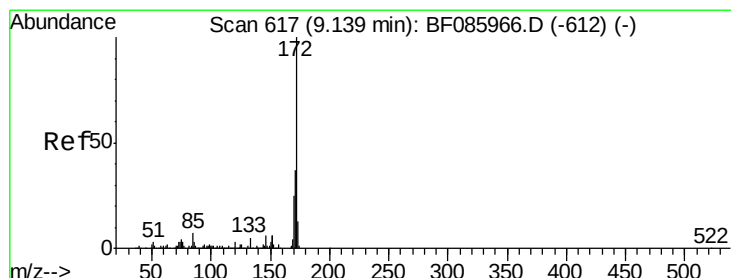
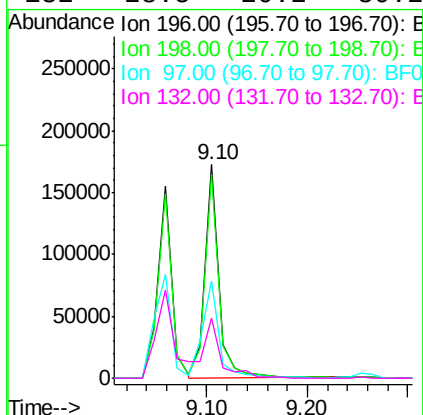
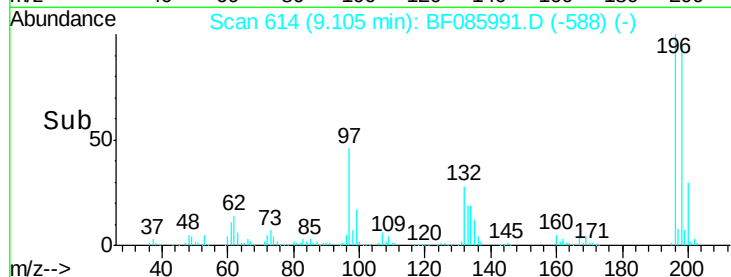
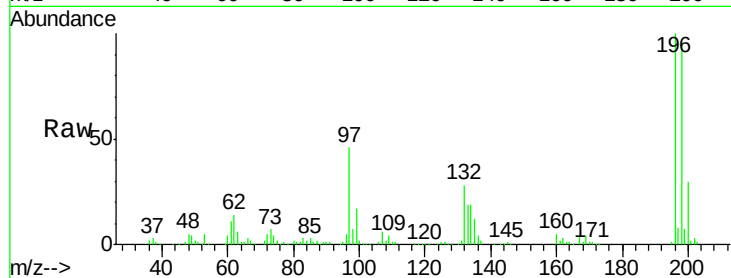




#43
 2,4,5-Trichlorophenol
 Concen: 41.85 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

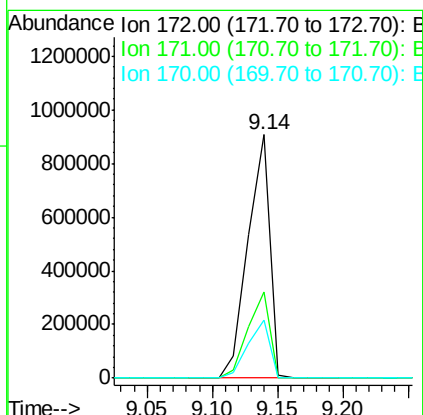
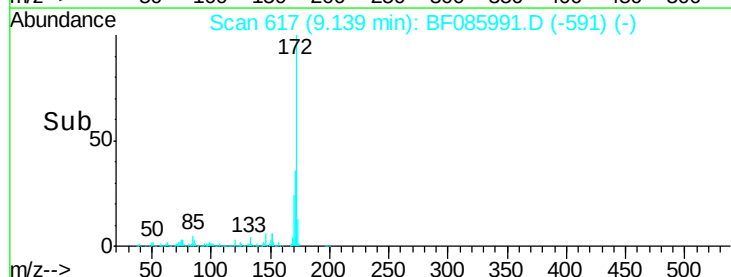
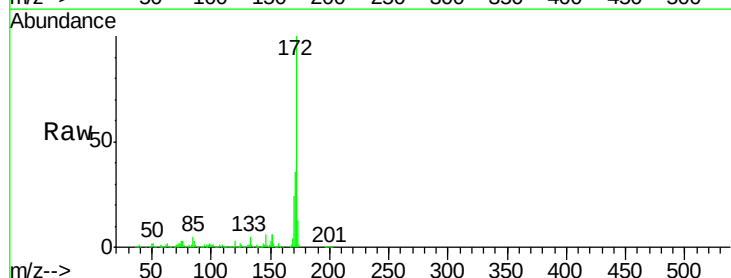
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

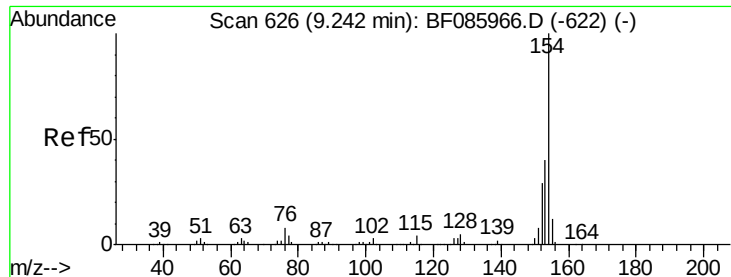
Tot Ion:196	Resp:	167333
Ion	Ratio	Lower Upper
196	100	
198	95.5	76.6 114.8
97	45.6	30.5 45.7
132	28.5	20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:172	Resp:	1056484
Ion	Ratio	Lower Upper
172	100	
171	35.6	29.4 44.2
170	24.1	19.8 29.6

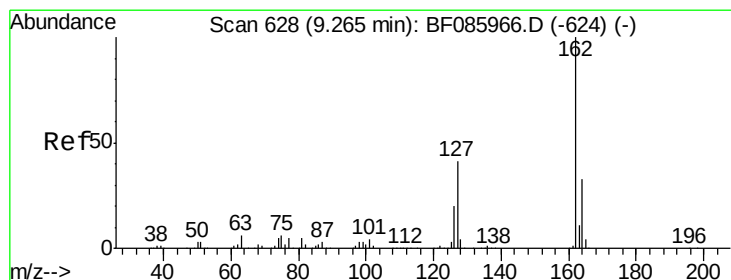
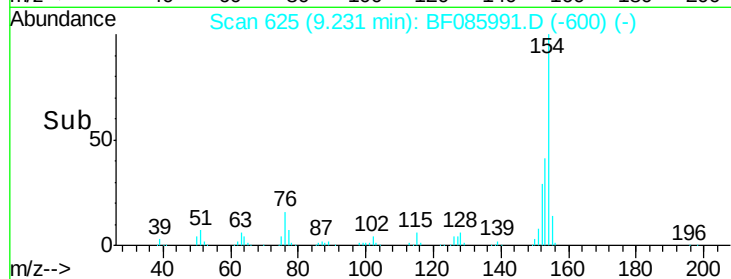
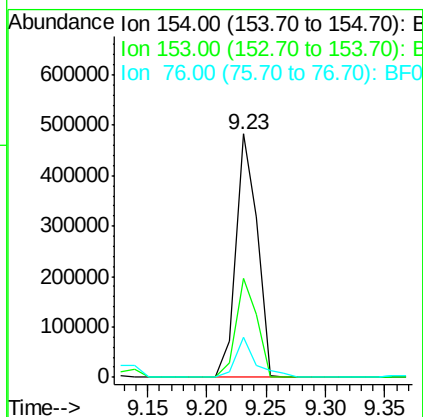
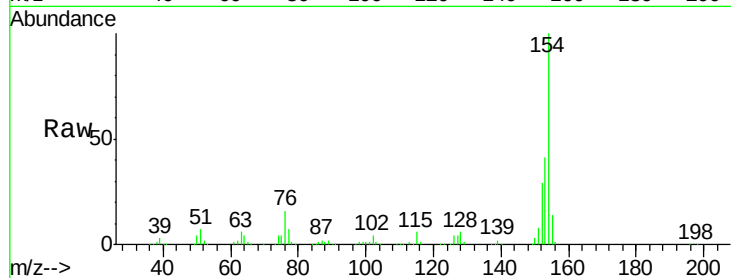




#45
 1,1'-Biphenyl
 Concen: 34.32 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

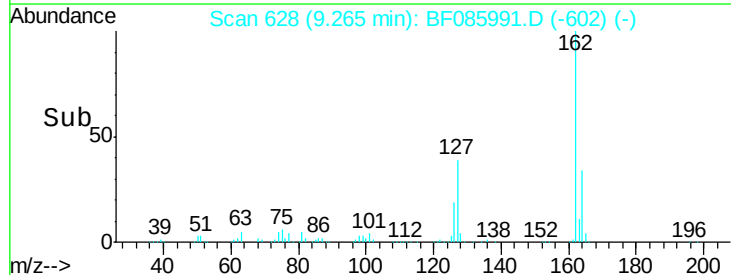
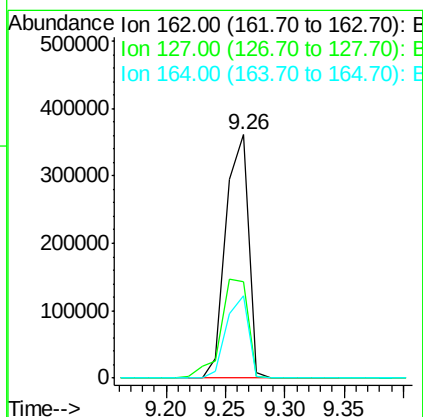
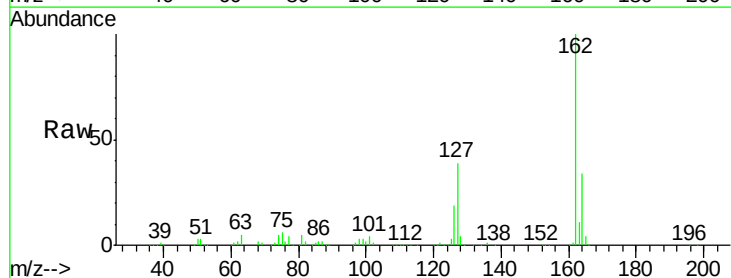
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

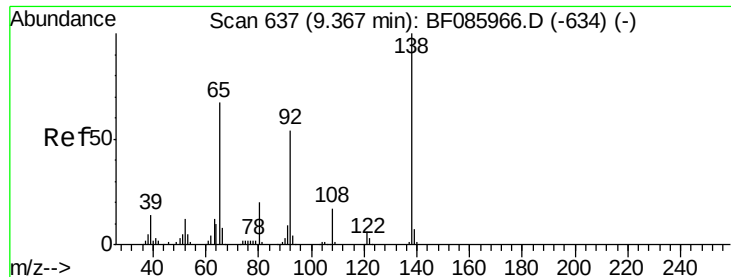
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	16.4	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 37.42 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.7	47.5
164	33.8	27.3	40.9

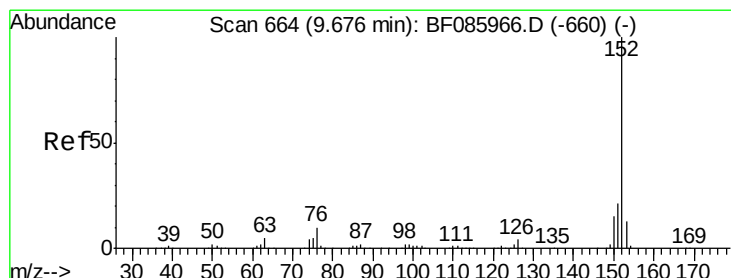
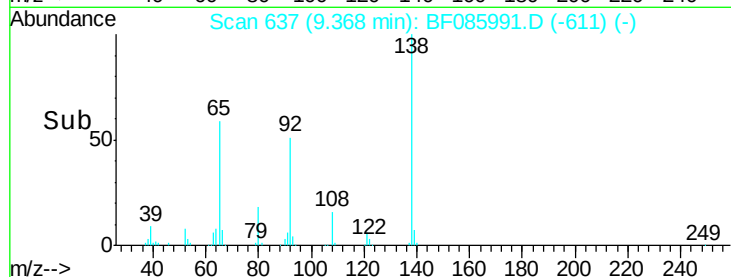
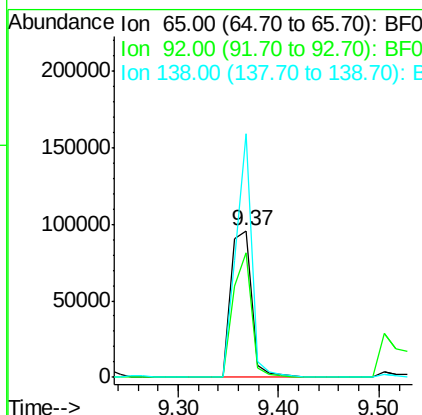
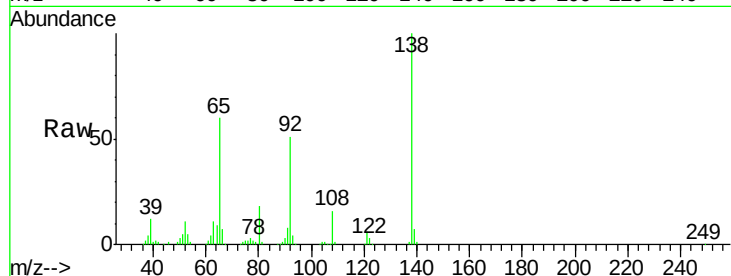




#47
2-Nitroaniline
Concen: 36.93 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

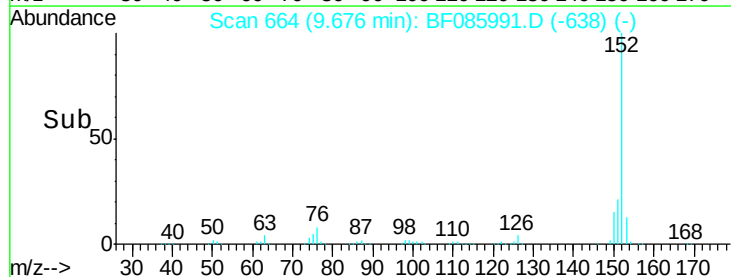
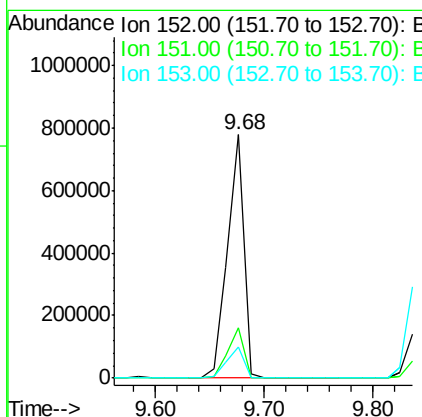
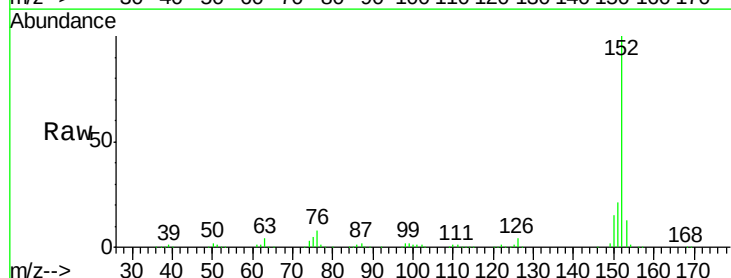
Instrument :
BNA_F
ClientSampleId :
PB89385BSD

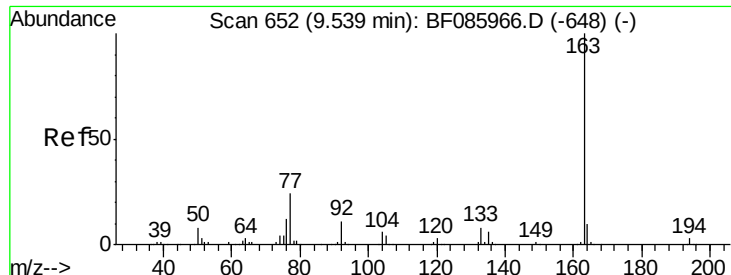
Tot Ion: 65 Resp: 137805
Ion Ratio Lower Upper
65 100
92 85.1 59.7 89.5
138 166.2 91.4 137.0#



#48
Acenaphthylene
Concen: 39.68 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion: 152 Resp: 810625
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 12.8 10.9 16.3

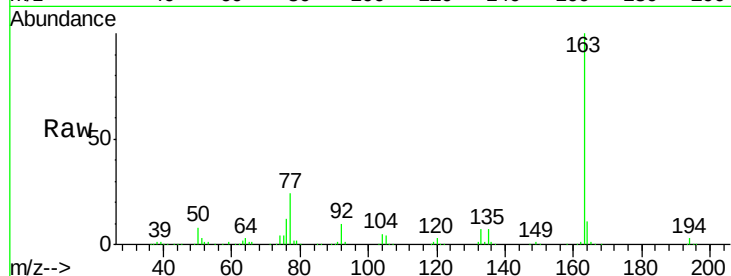




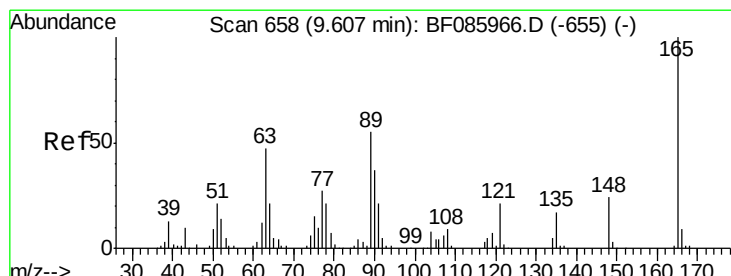
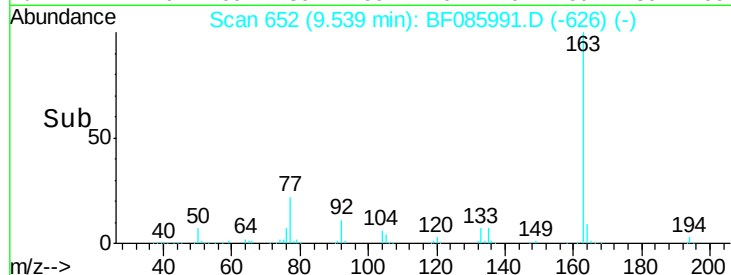
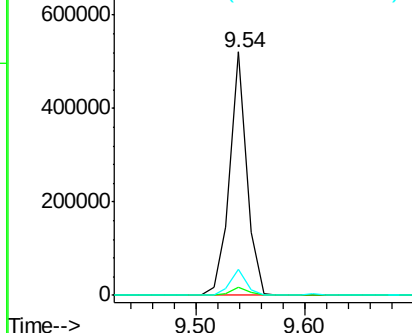
#49
Dimethylphthalate
Concen: 37.34 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion:163 Resp: 564708
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.6 8.3 12.5

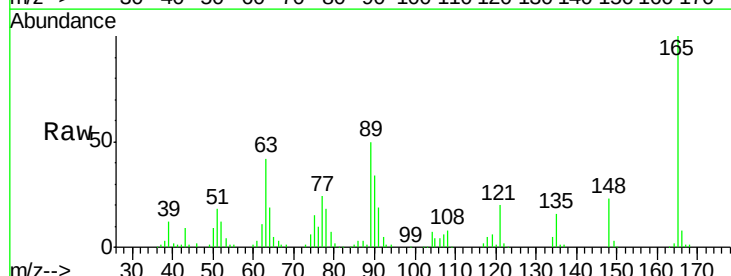


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

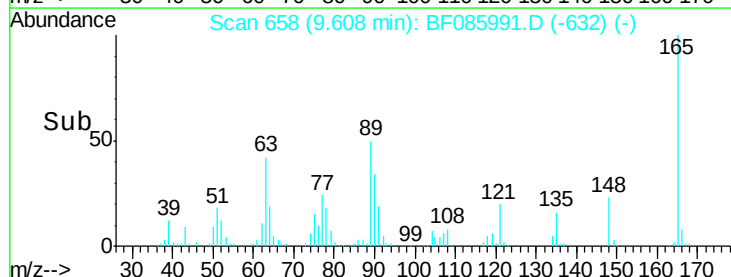
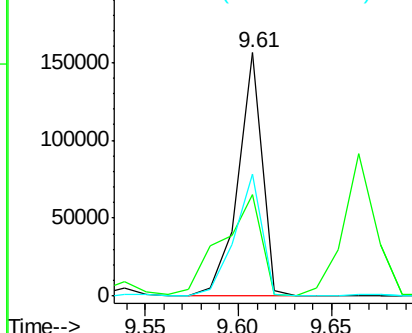


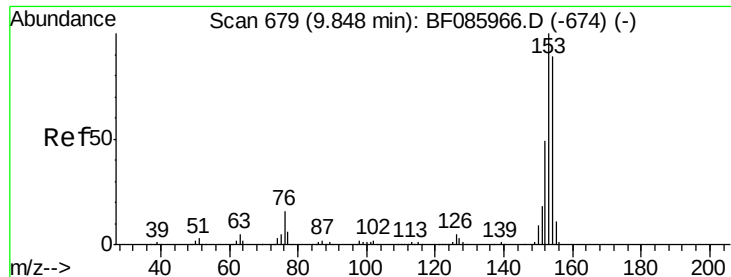
#50
2,6-Dinitrotoluene
Concen: 44.21 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion:165 Resp: 141467
Ion Ratio Lower Upper
165 100
63 41.8 51.8 77.8#
89 50.2 53.7 80.5#



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





#51

Acenaphthene

Concen: 39.42 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

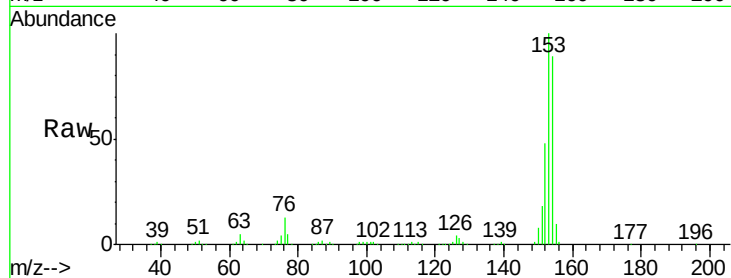
Tot Ion:154 Resp: 479019

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

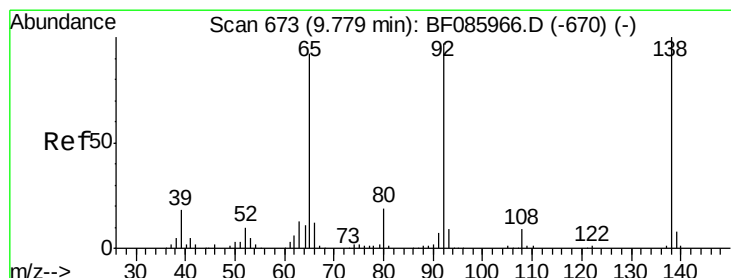
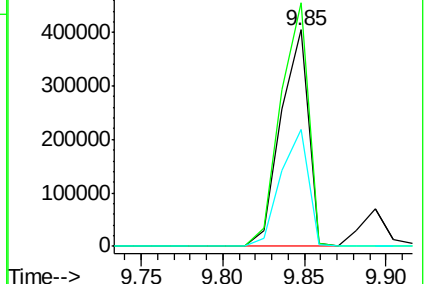
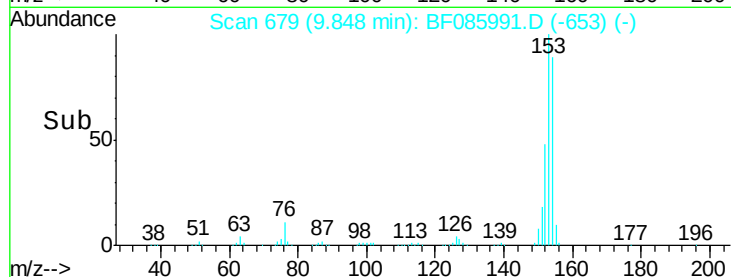
152 54.2 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.08 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

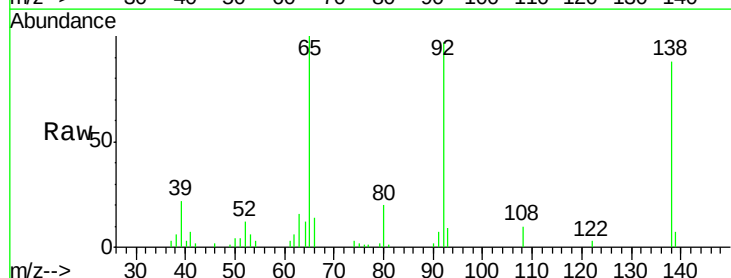
Tgt Ion:138 Resp: 23437

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

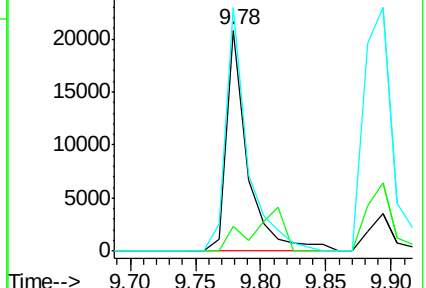
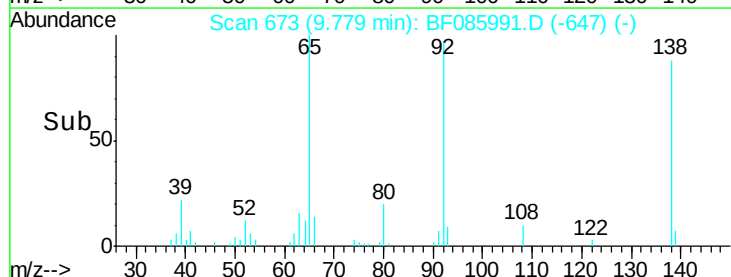
92 110.2 93.3 139.9

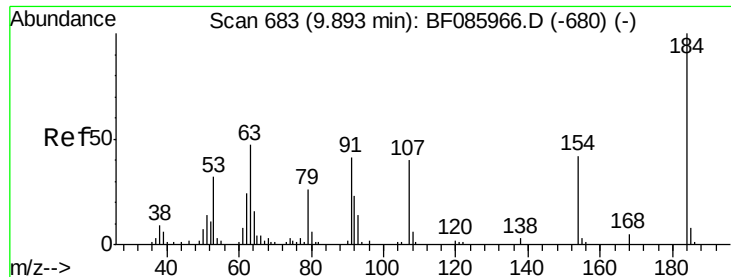


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

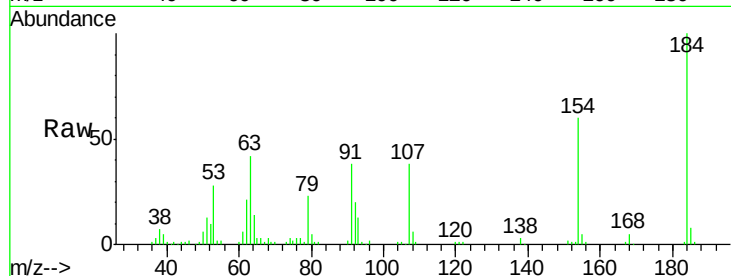




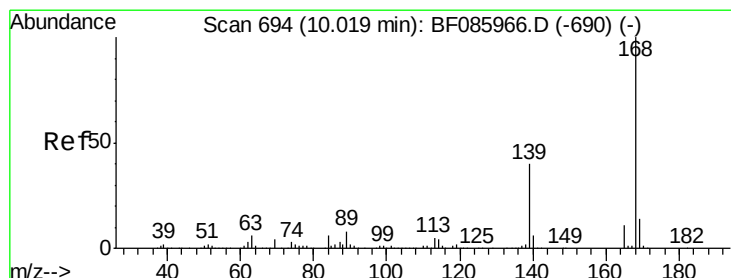
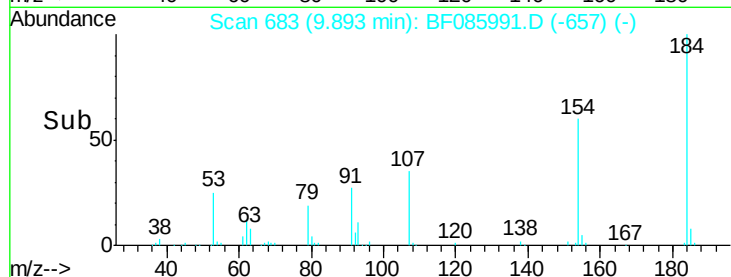
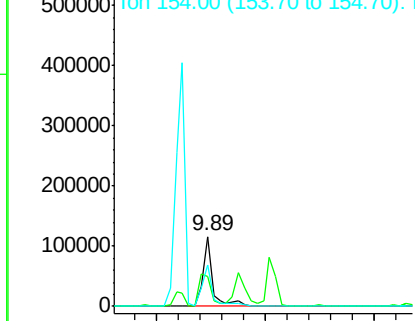
#53
 2,4-Dinitrophenol
 Concen: 69.37 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:184 Resp: 142574
 Ion Ratio Lower Upper
 184 100
 63 42.0 69.5 104.3#
 154 60.0 58.3 87.5

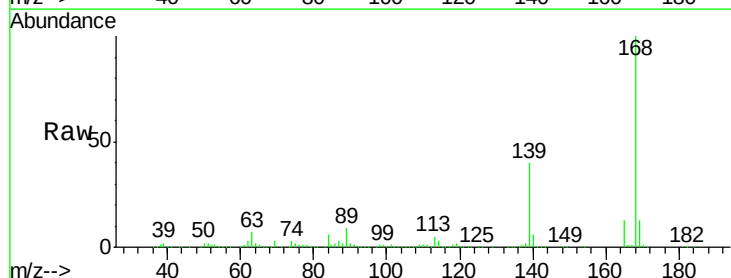


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

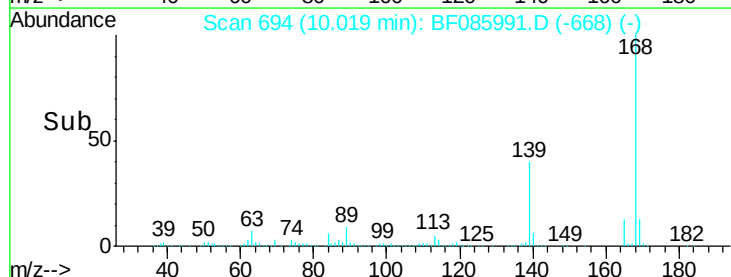
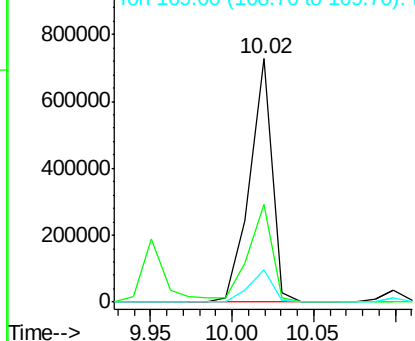


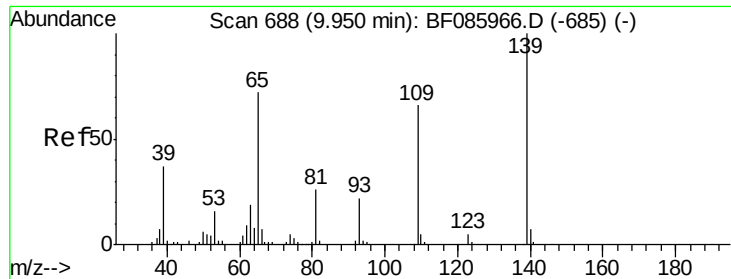
#54
 Dibenzofuran
 Concen: 43.38 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:168 Resp: 696055
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.9 47.9
 169 13.4 11.0 16.6



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

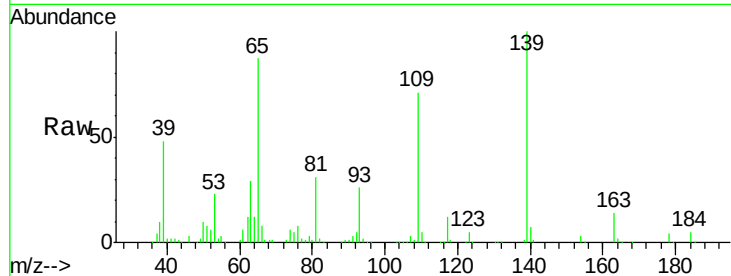




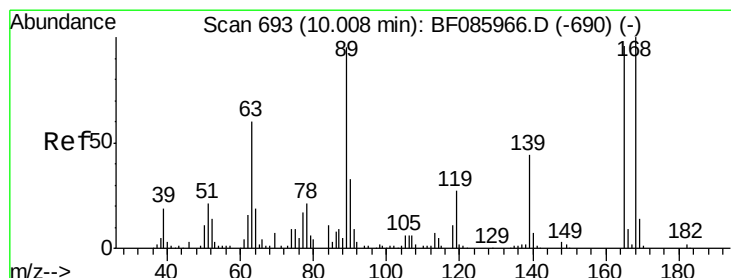
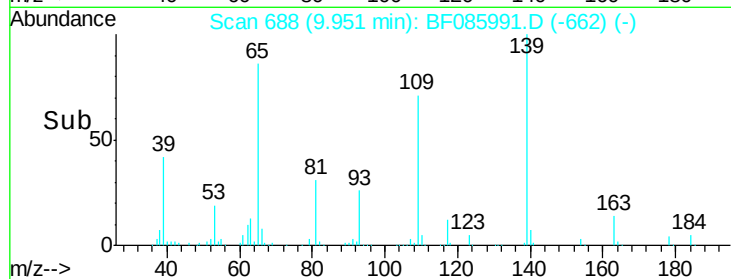
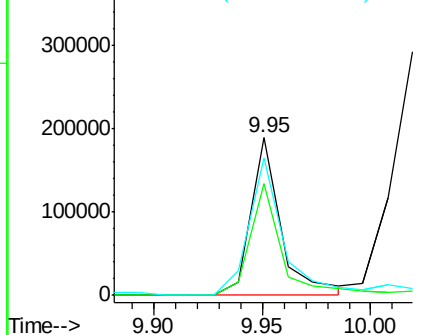
#55
4-Nitrophenol
Concen: 80.67 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.5	49.2	89.2
65	87.1	66.9	106.9



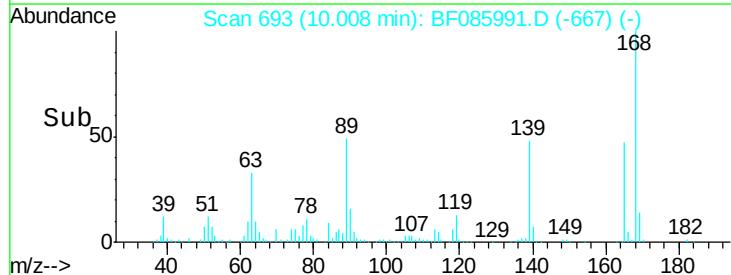
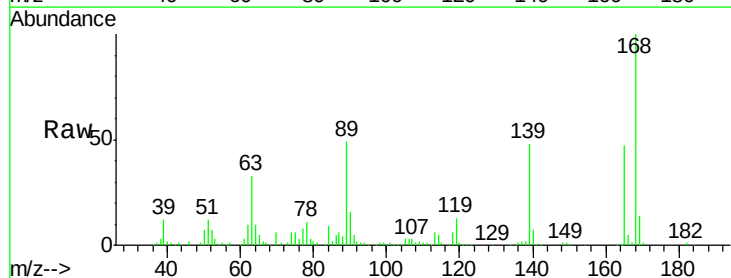
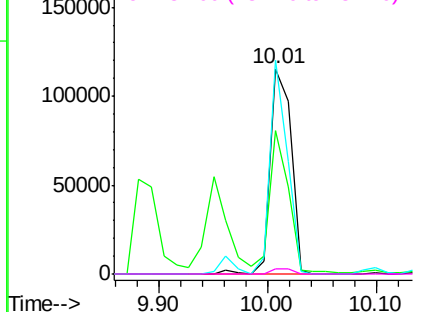
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

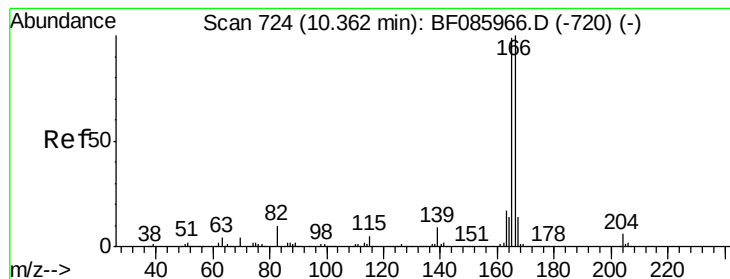


#56
2,4-Dinitrotoluene
Concen: 38.37 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.9	24.9	37.3#
89	104.3	41.0	61.6#
182	2.3	2.1	3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.22 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

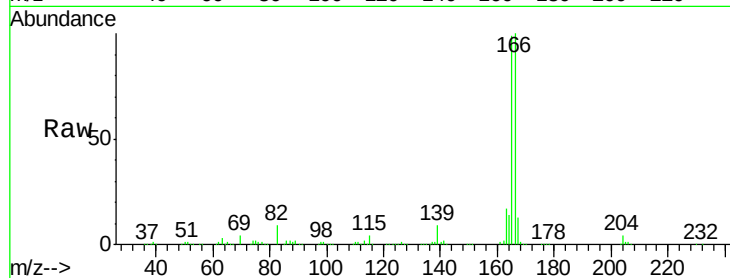
Tot Ion:166 Resp: 551370

Ion Ratio Lower Upper

166 100

165 99.5 79.4 119.0

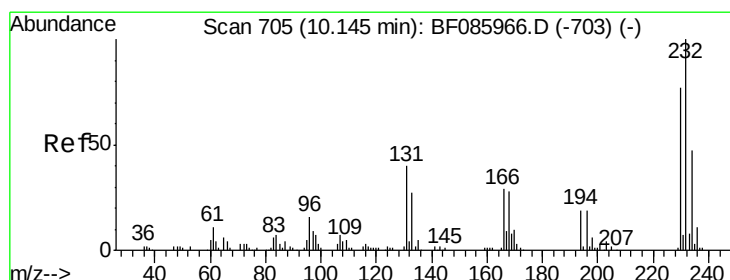
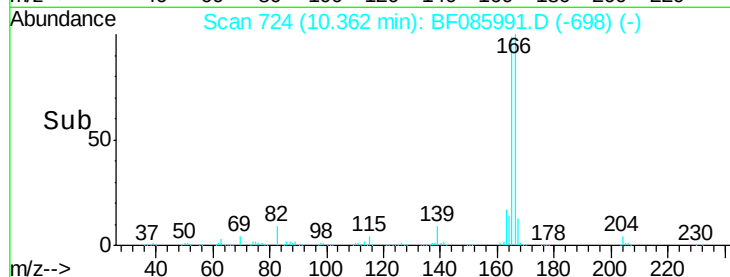
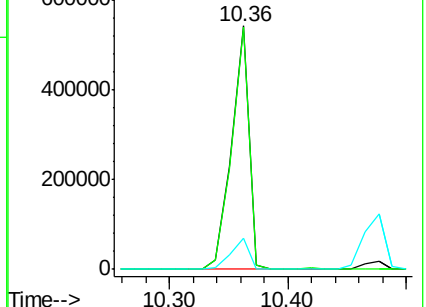
167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.33 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:232 Resp: 128995

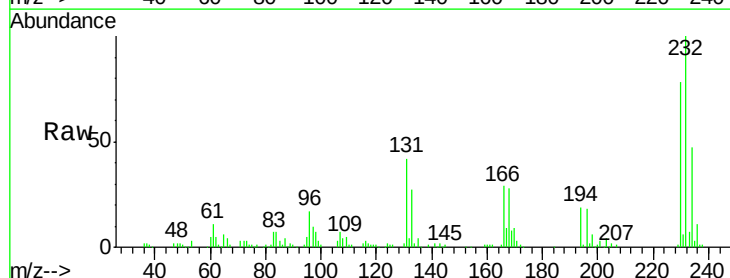
Ion Ratio Lower Upper

232 100

131 54.3 44.9 67.3

130 2.6 2.3 3.5

166 31.7 28.1 42.1

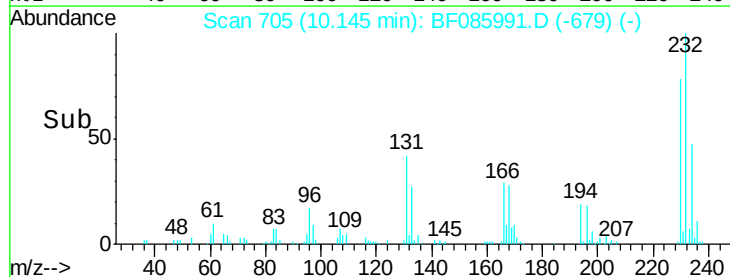
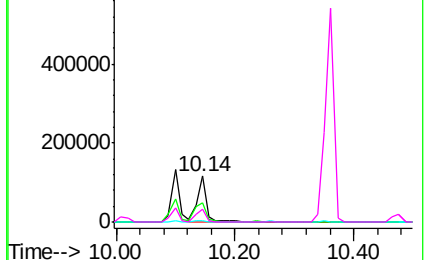


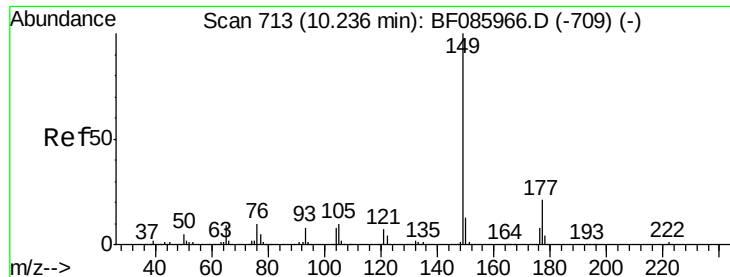
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

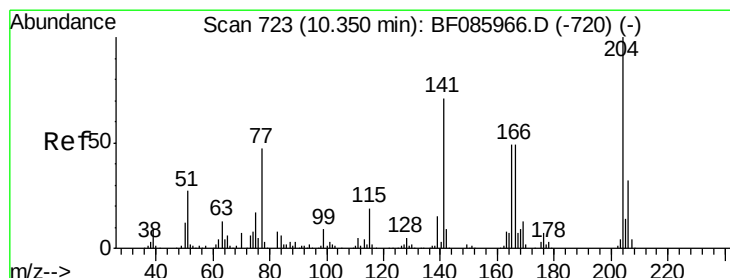
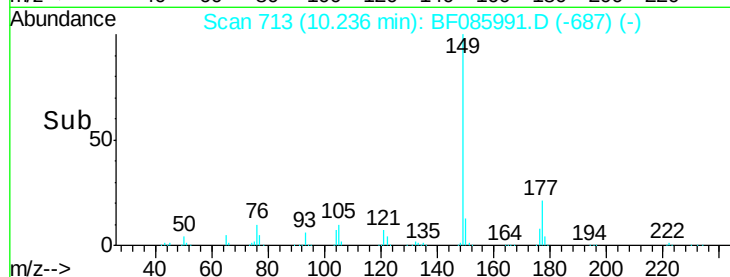
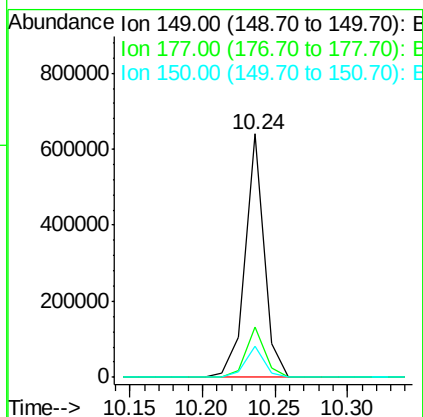
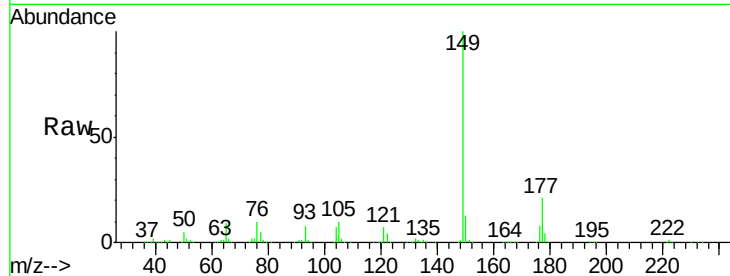




#59
Diethylphthalate
Concen: 38.14 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

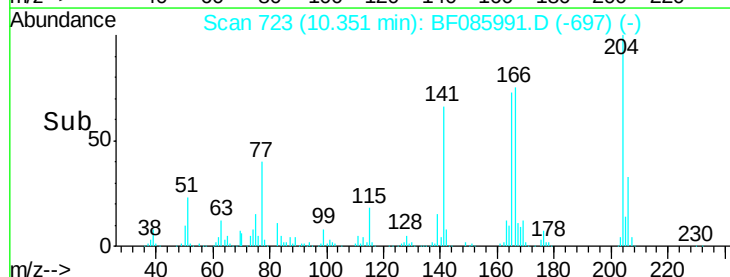
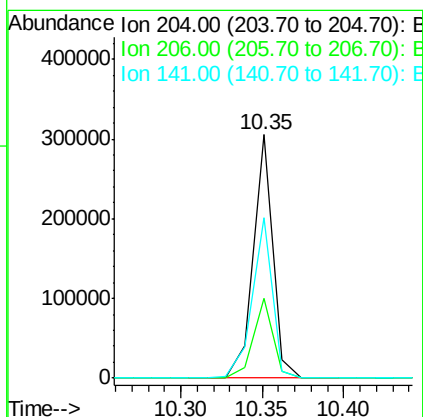
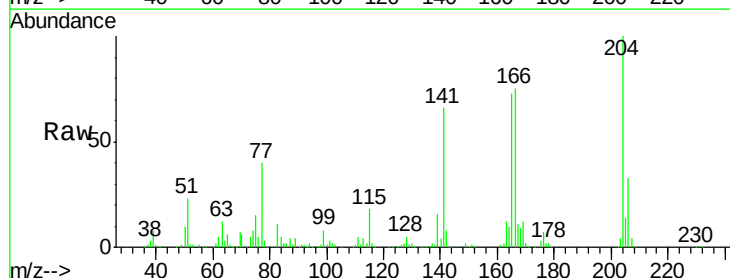
Instrument :
BNA_F
ClientSampleId :
PB89385BSD

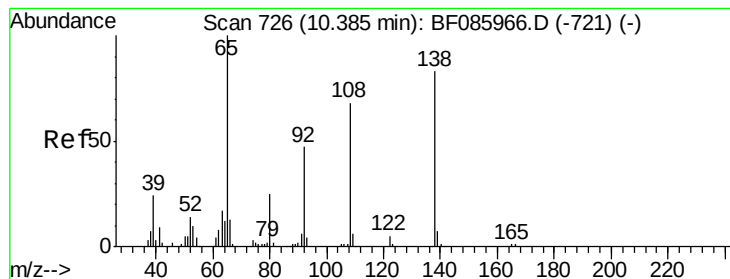
Tot Ion:149 Resp: 582134
Ion Ratio Lower Upper
149 100
177 20.8 17.9 26.9
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.94 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion:204 Resp: 255035
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 65.9 57.4 86.0





#61

4-Nitroaniline

Concen: 27.22 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

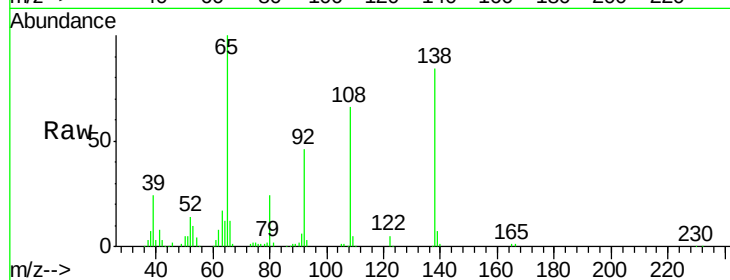
Tot Ion:138 Resp: 103379

Ion Ratio Lower Upper

138 100

92 55.5 26.4 66.4

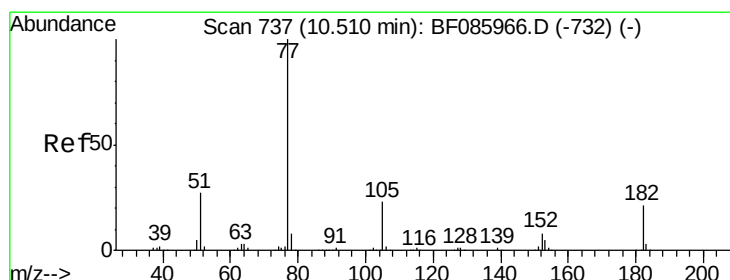
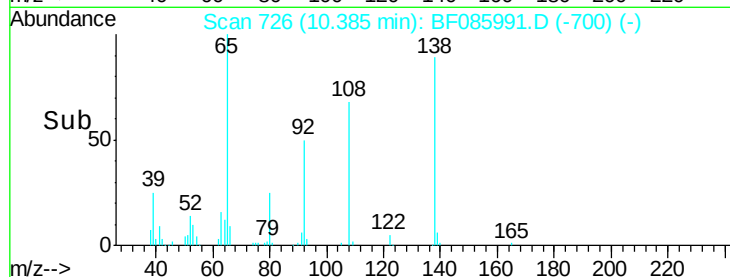
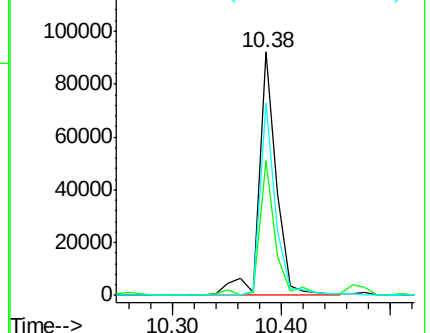
108 79.2 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.65 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion: 77 Resp: 623642

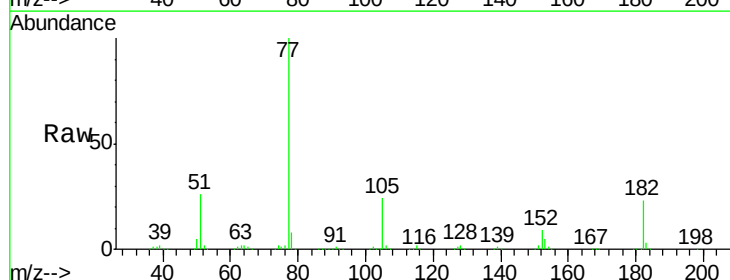
Ion Ratio Lower Upper

77 100

182 23.4 1.9 41.9

105 23.8 3.5 43.5

51 25.9 6.3 46.3

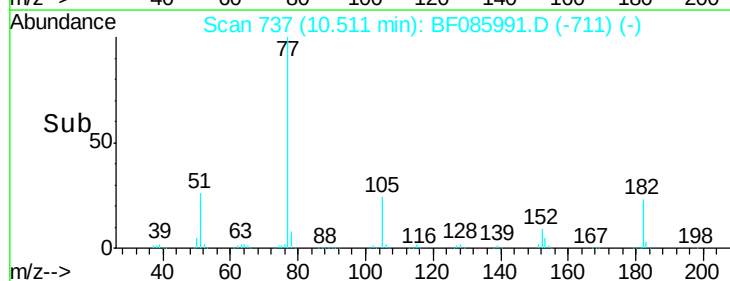
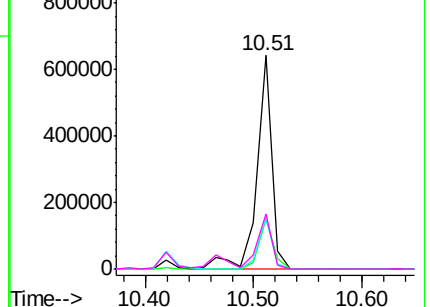


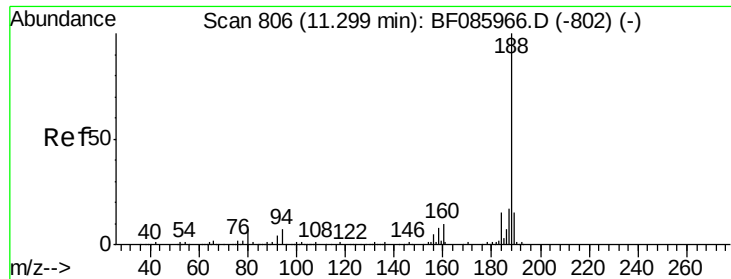
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

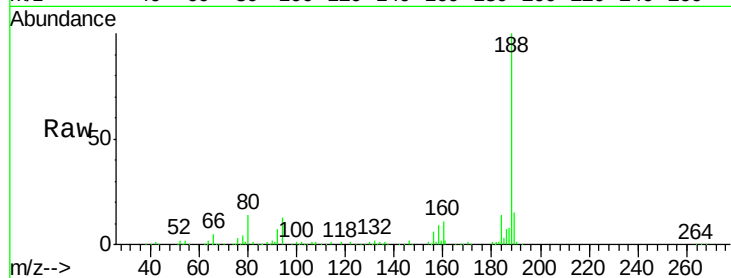




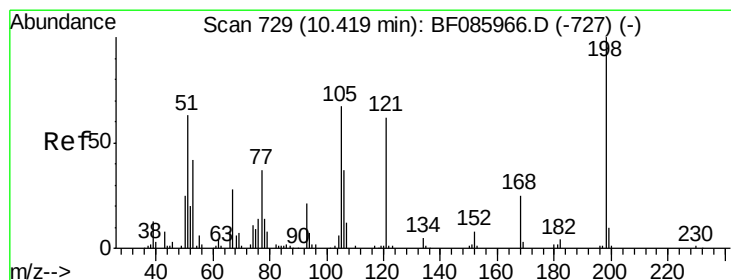
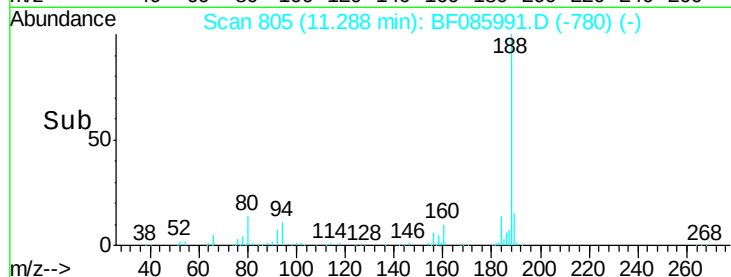
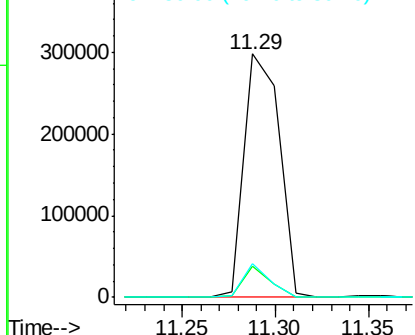
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion:188 Resp: 391383
Ion Ratio Lower Upper
188 100
94 13.0 5.4 8.0#
80 14.0 5.5 8.3#

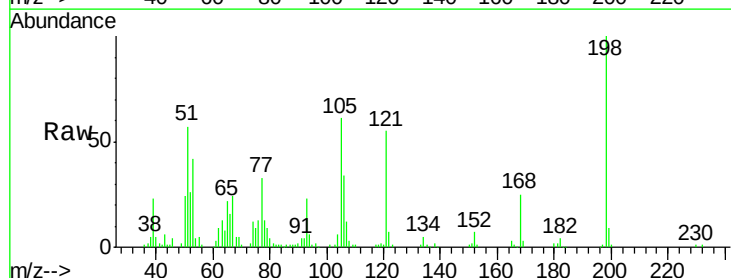


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

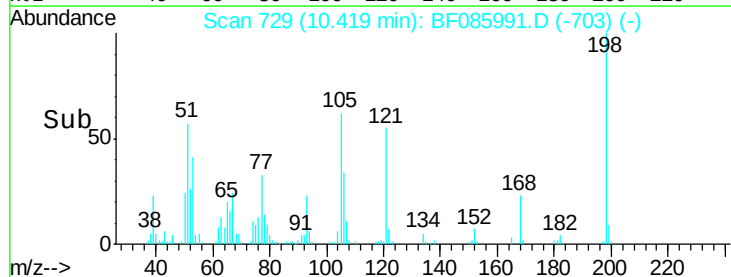
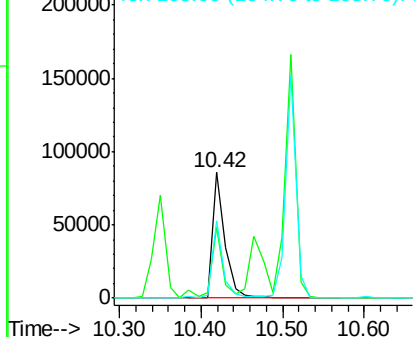


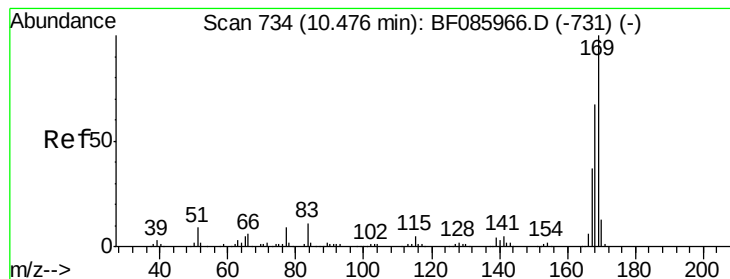
#64
4,6-Dinitro-2-methylphenol
Concen: 38.72 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion:198 Resp: 91827
Ion Ratio Lower Upper
198 100
51 56.6 45.4 85.4
105 61.3 45.9 85.9



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





#65

n-Nitrosodiphenylamine

Concen: 33.76 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

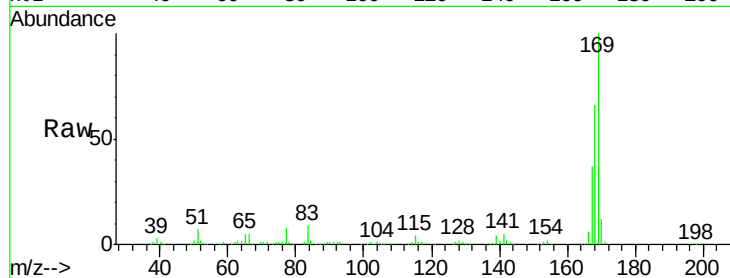
Tot Ion:169 Resp: 413193

Ion Ratio Lower Upper

169 100

168 66.0 54.4 81.6

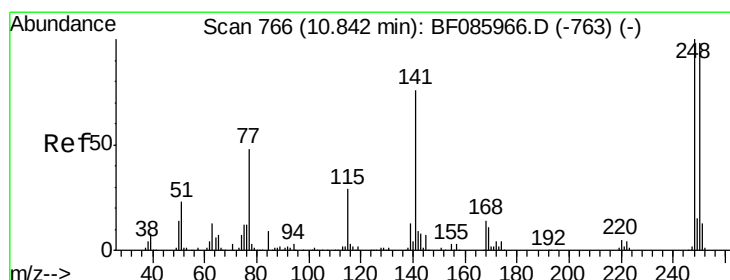
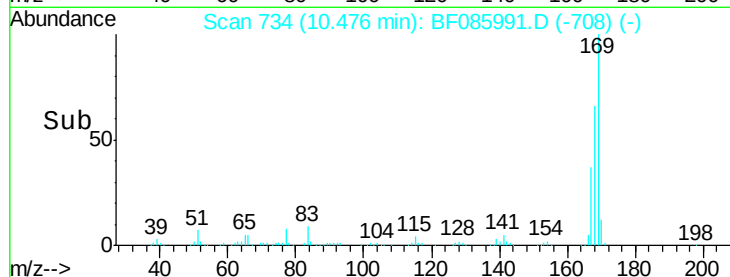
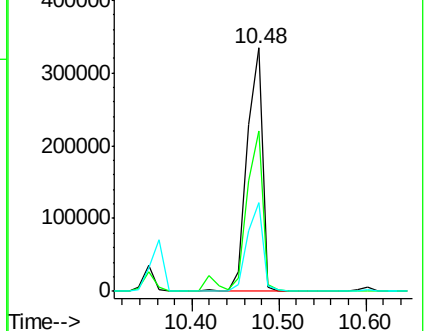
167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.56 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

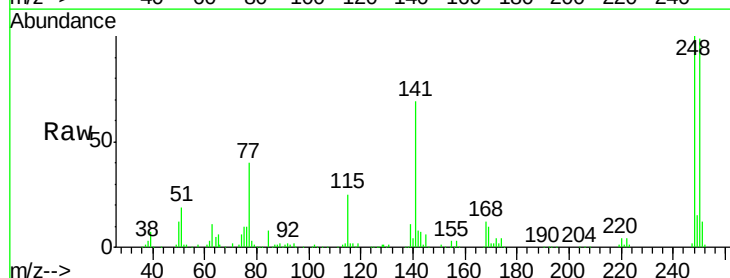
Tgt Ion:248 Resp: 158057

Ion Ratio Lower Upper

248 100

250 99.0 77.4 116.0

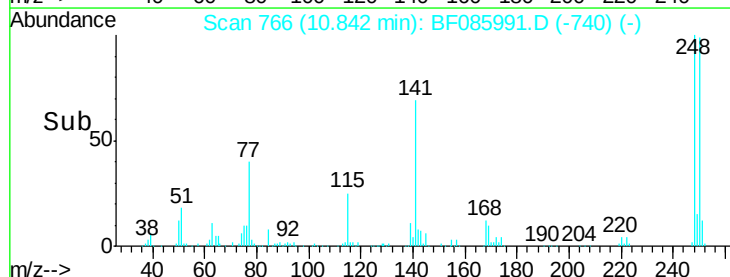
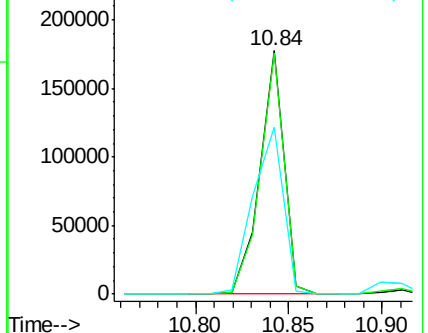
141 68.6 63.6 95.4

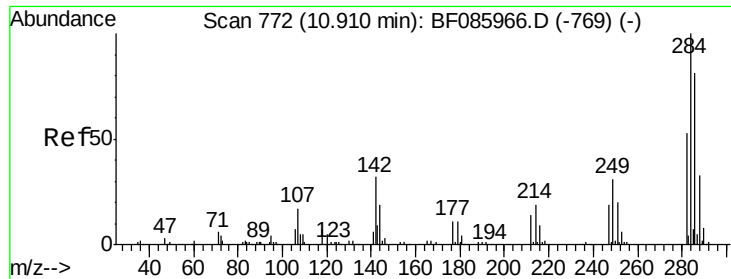


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.53 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

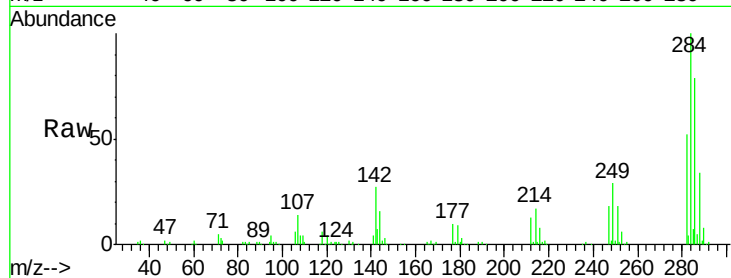
Tot Ion:284 Resp: 171595

Ion Ratio Lower Upper

284 100

142 26.7 23.1 34.7

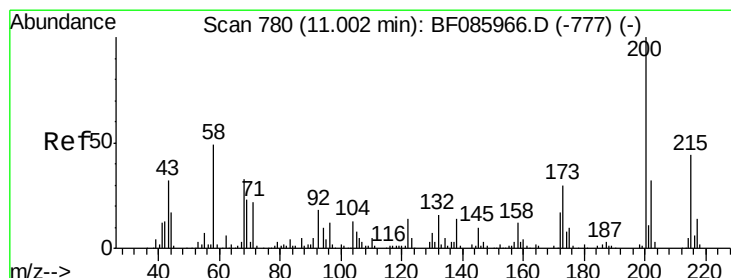
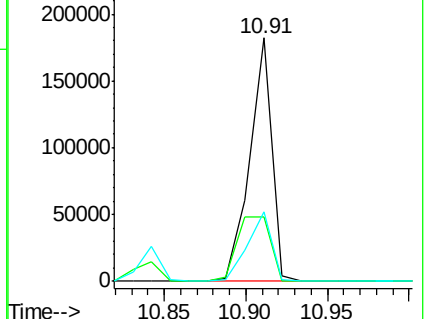
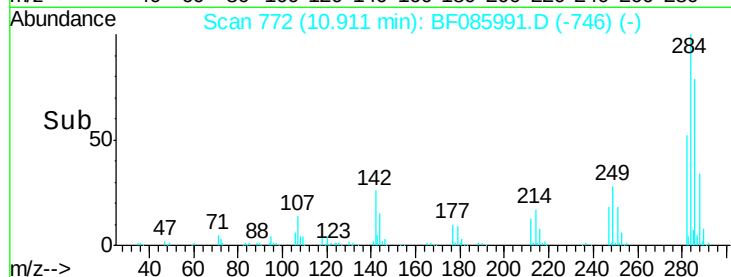
249 28.6 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 23.60 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

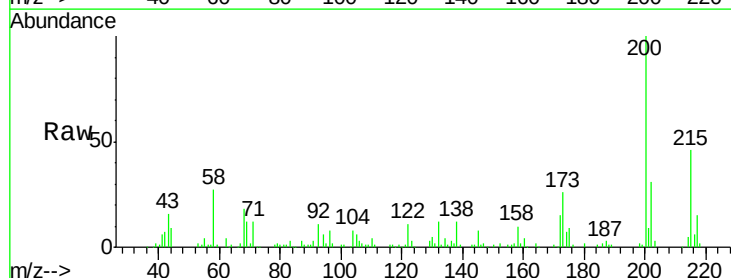
Tgt Ion:200 Resp: 93348

Ion Ratio Lower Upper

200 100

173 25.9 7.7 47.7

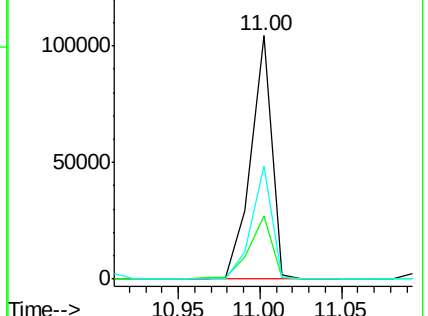
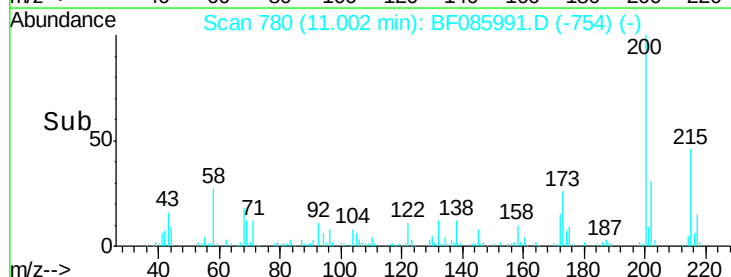
215 46.4 25.4 65.4

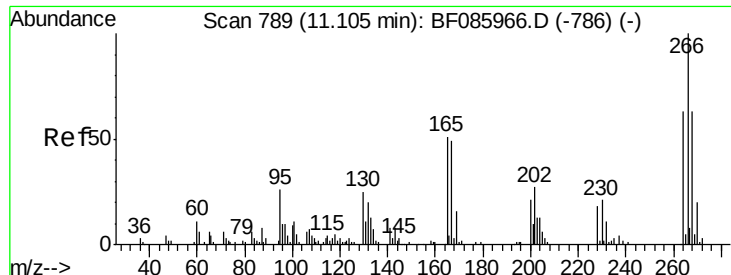


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

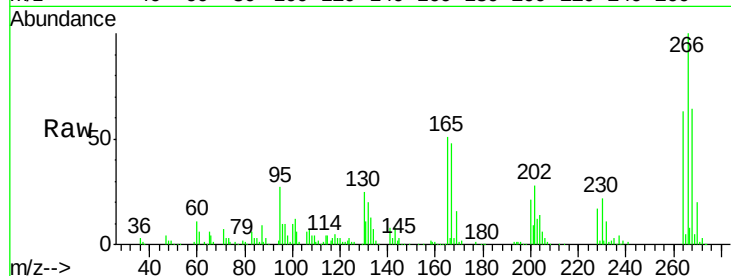




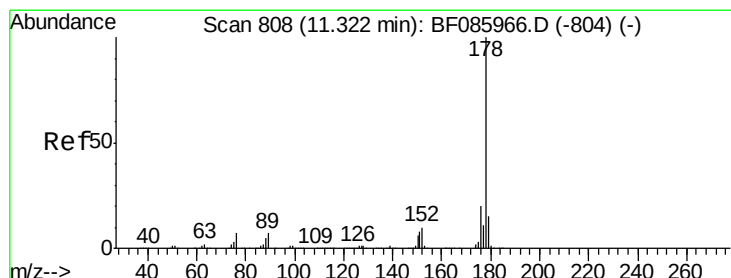
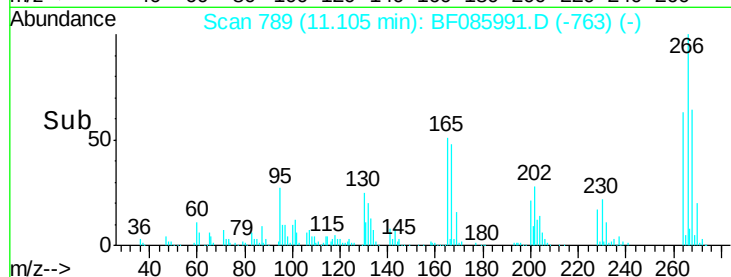
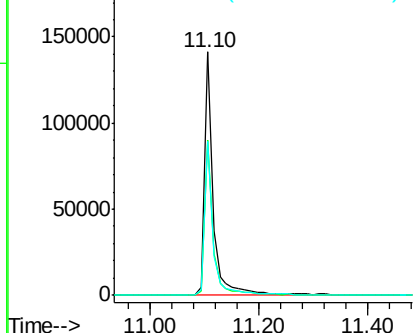
#69
 Pentachlorophenol
 Concen: 80.53 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:266 Resp: 155946
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.5 77.3
 264 63.2 50.6 76.0

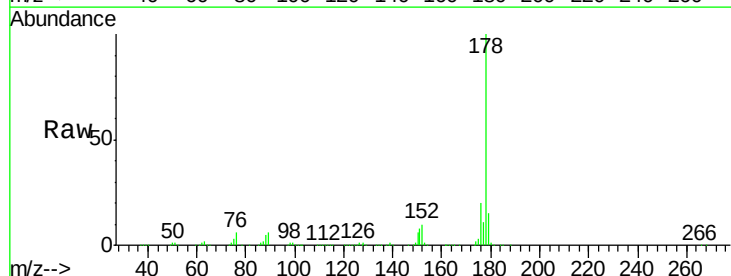


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

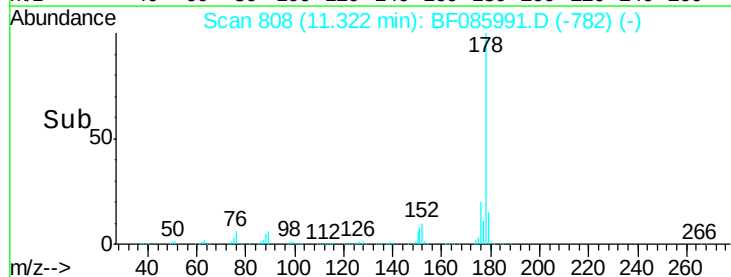
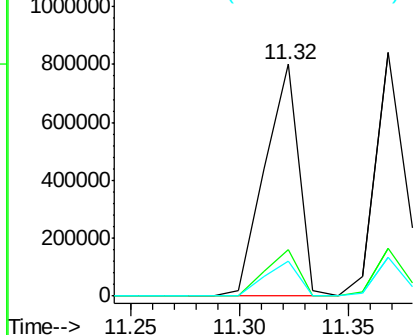


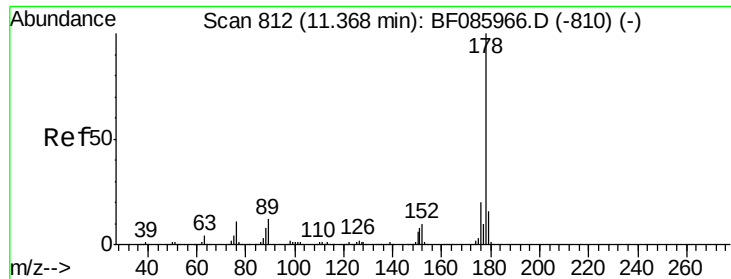
#70
 Phenanthrene
 Concen: 41.02 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:178 Resp: 875891
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.2 12.6 18.8



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

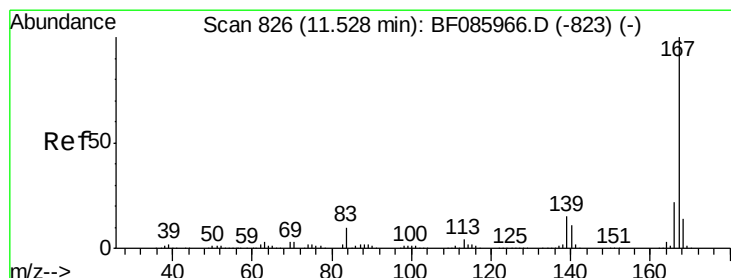
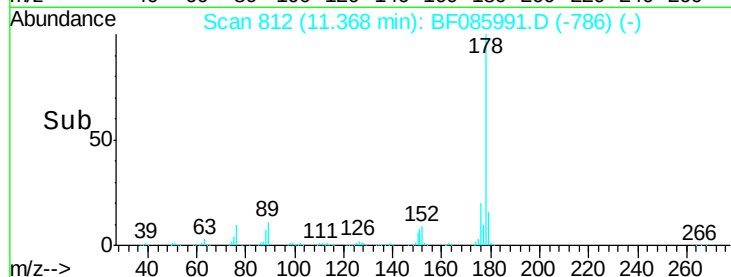
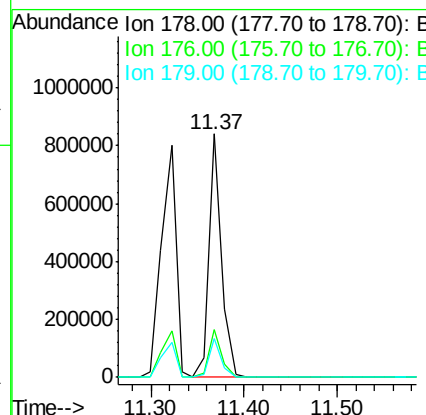
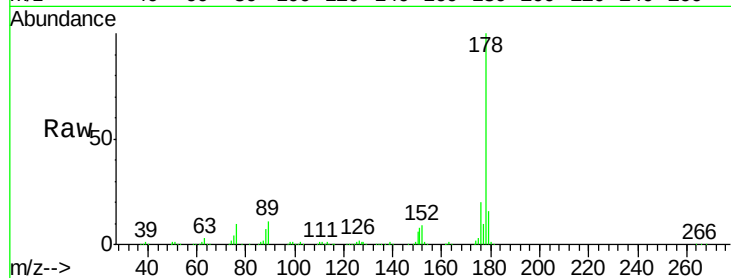




#71
 Anthracene
 Concen: 35.73 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

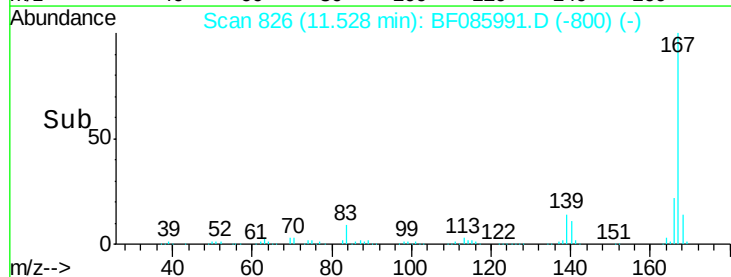
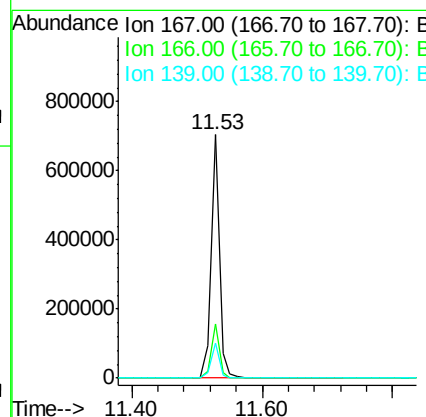
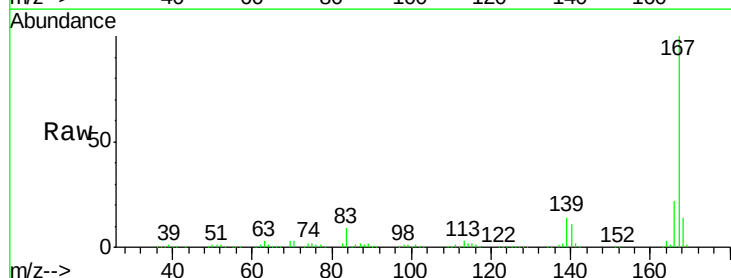
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

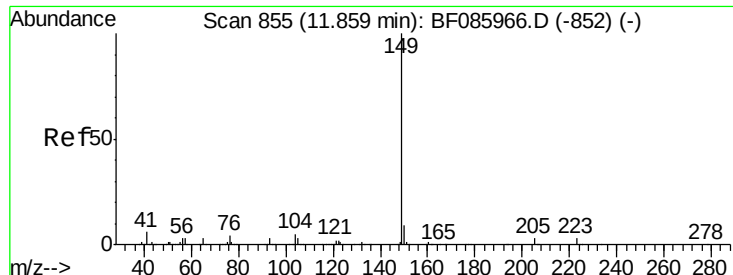
Tot Ion:178 Resp: 799157
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.9 13.0 19.4



#72
 Carbazole
 Concen: 32.14 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:167 Resp: 617853
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 14.3 11.6 17.4





#73

Di-n-butylphthalate

Concen: 42.51 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

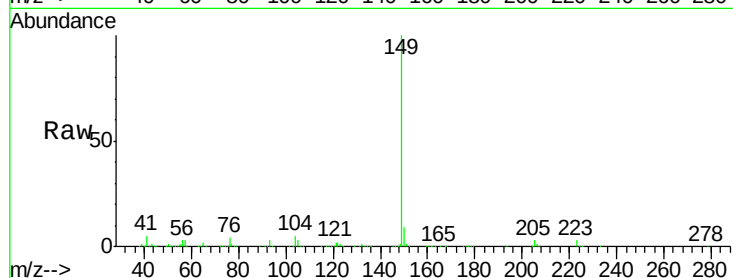
Tot Ion:149 Resp: 1012722

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

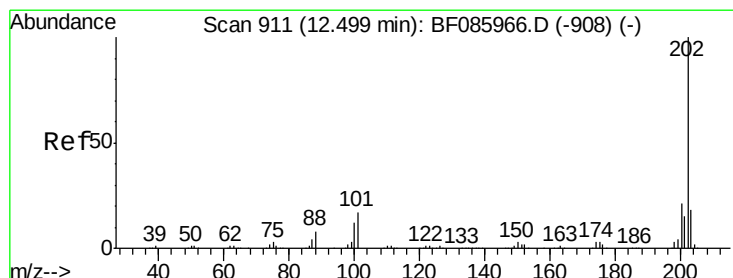
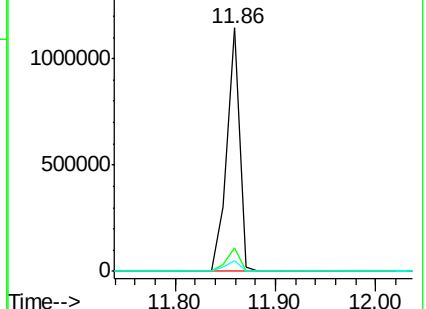
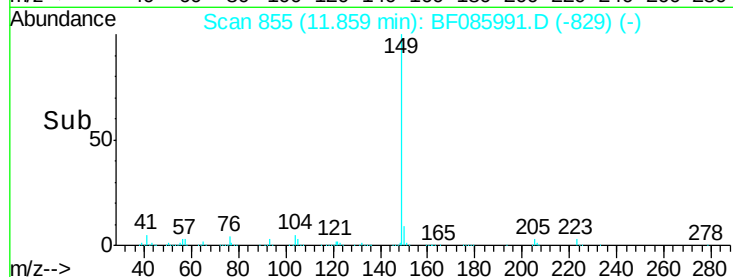
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.53 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

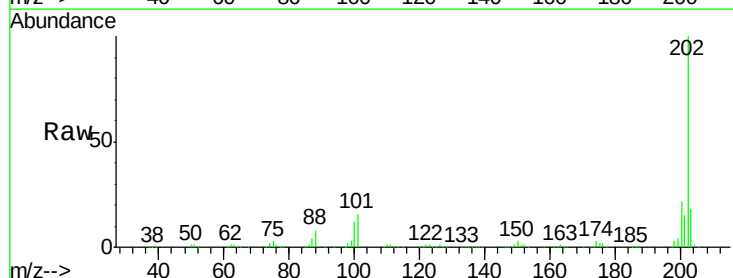
Tgt Ion:202 Resp: 833538

Ion Ratio Lower Upper

202 100

101 15.9 0.0 36.6

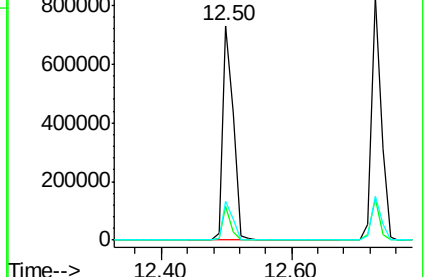
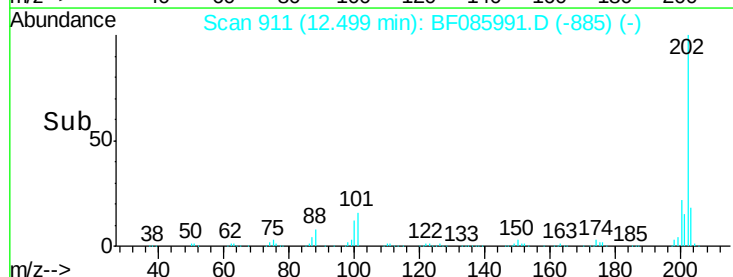
203 18.1 0.0 38.1

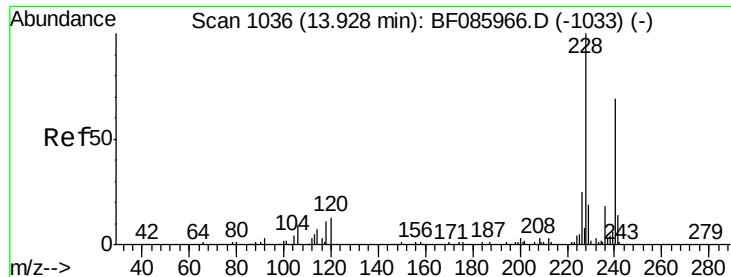


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

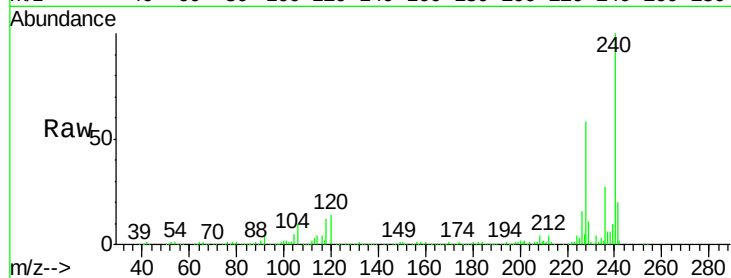
Tot Ion:240 Resp: 346043

Ion Ratio Lower Upper

240 100

120 14.2 13.8 20.8

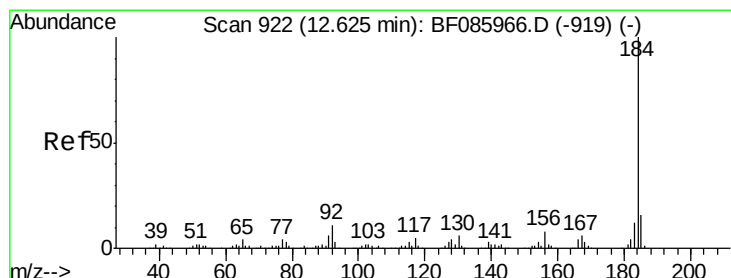
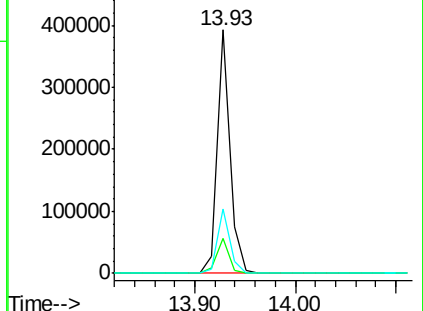
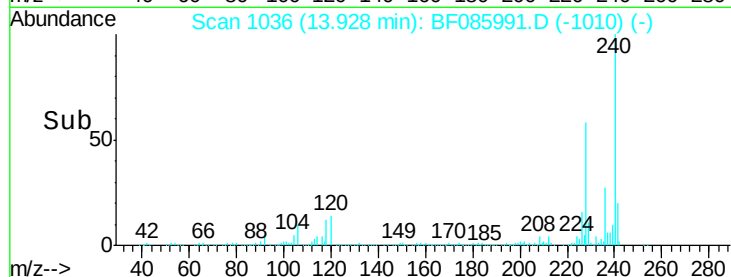
236 26.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.95 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

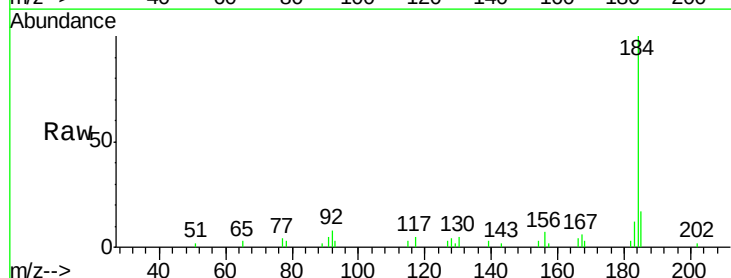
Tgt Ion:184 Resp: 35956

Ion Ratio Lower Upper

184 100

185 16.6 12.4 18.6

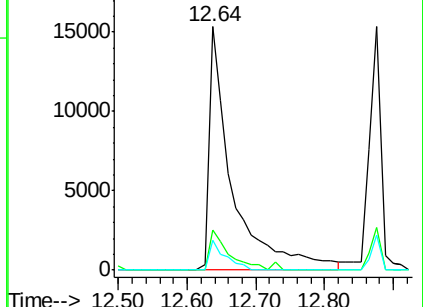
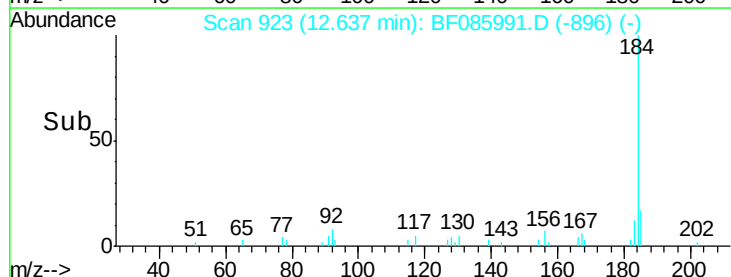
183 12.1 9.4 14.2

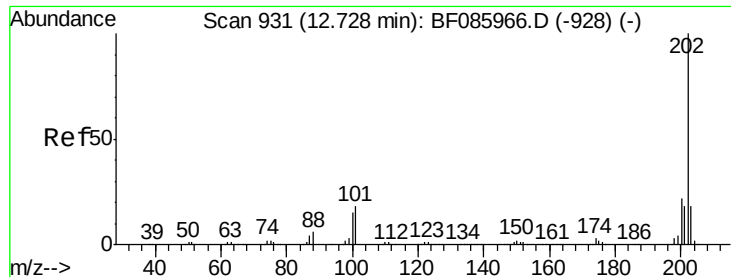


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

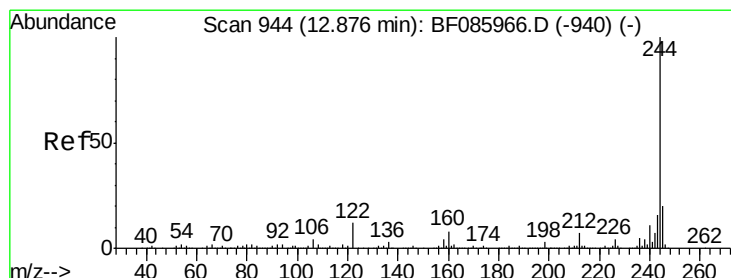
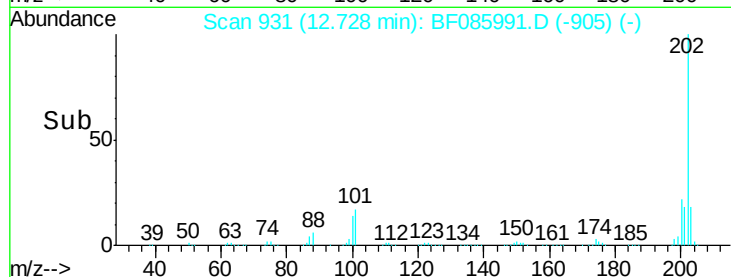
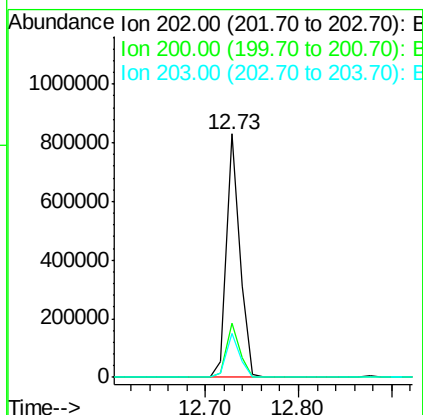
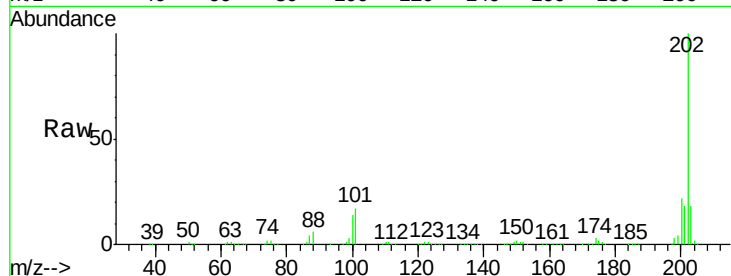




#77
Pvrene
Concen: 34.30 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

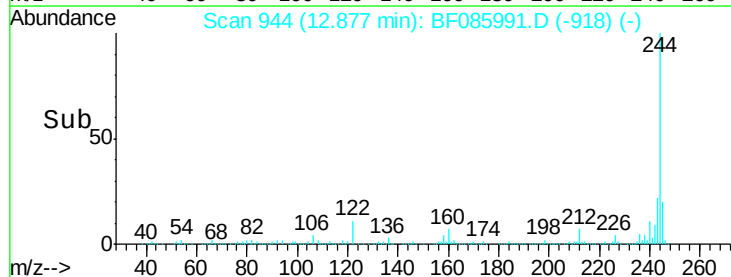
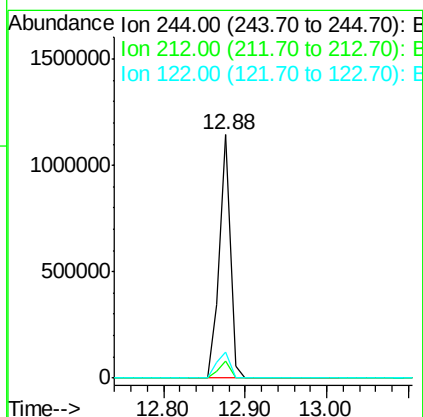
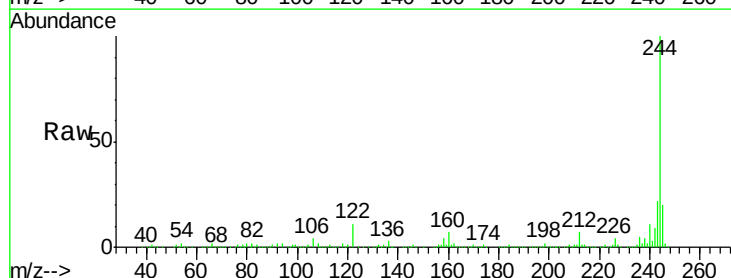
Instrument :
BNA_F
ClientSampleId :
PB89385BSD

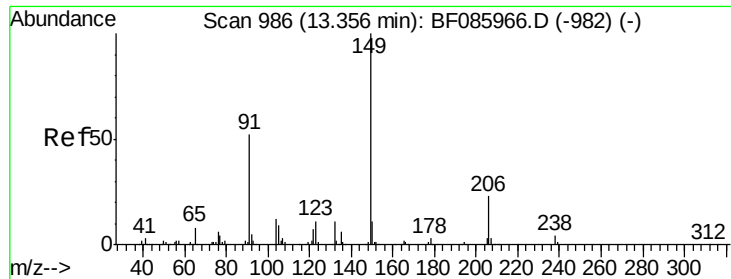
Tot Ion:202 Resp: 836302
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 18.2 14.0 21.0



#78
Terphenyl-d14
Concen: 72.65 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion:244 Resp: 1069510
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 10.8 10.2 15.4

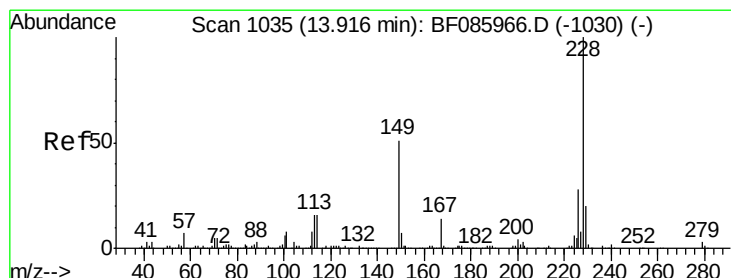
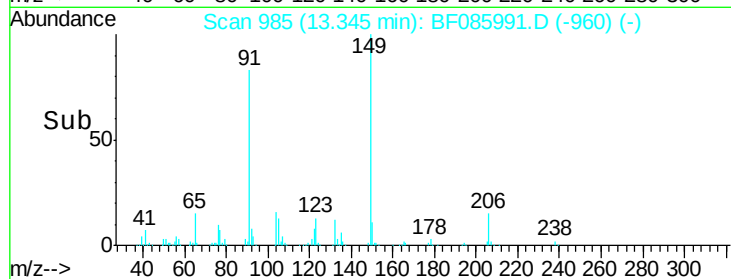
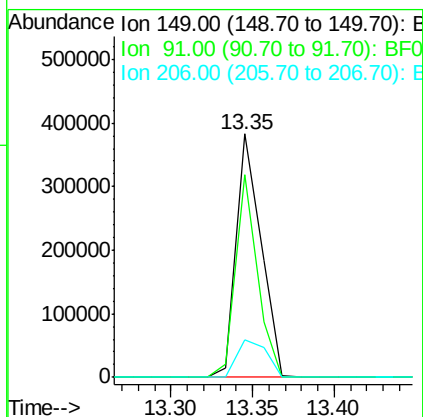
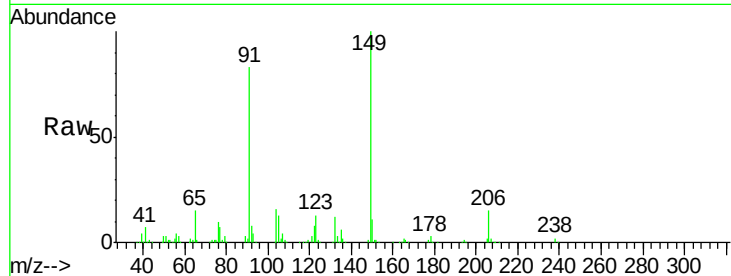




#79
Butylbenzylphthalate
Concen: 36.60 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

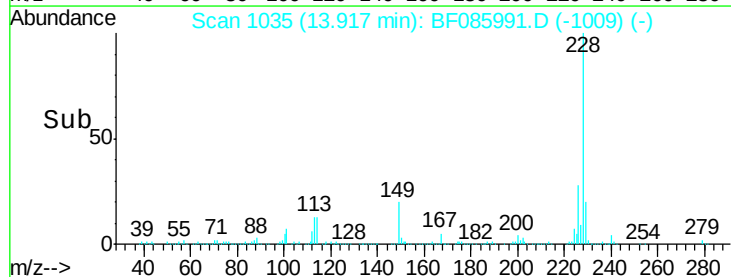
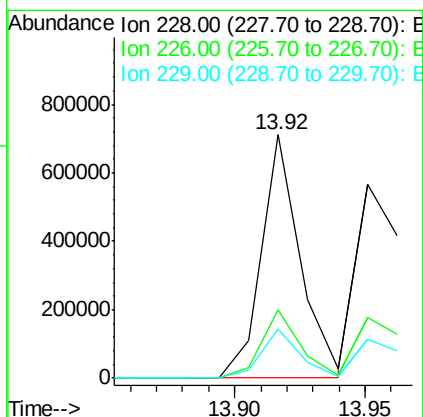
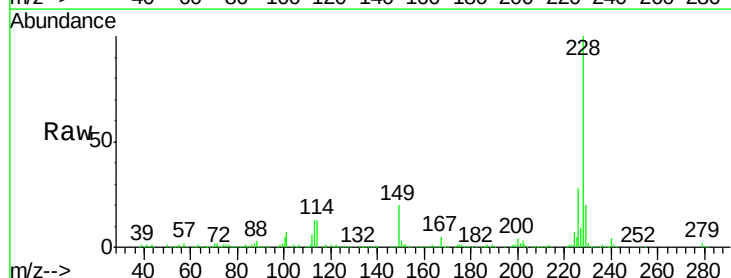
Instrument :
BNA_F
ClientSampleId :
PB89385BSD

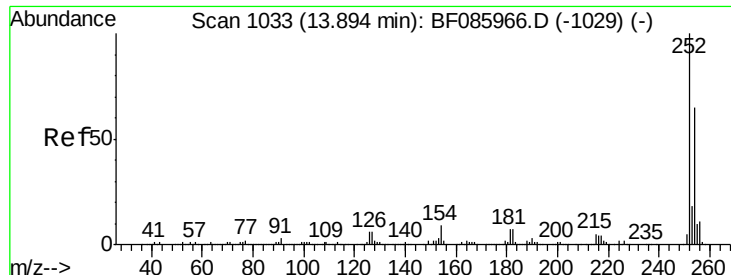
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.2	45.8	68.8#
206	15.4	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 36.26 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	19.9	16.2	24.4

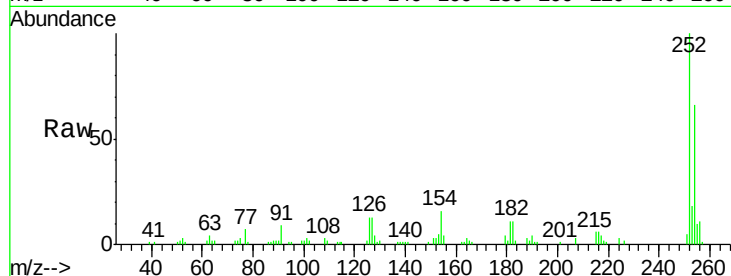




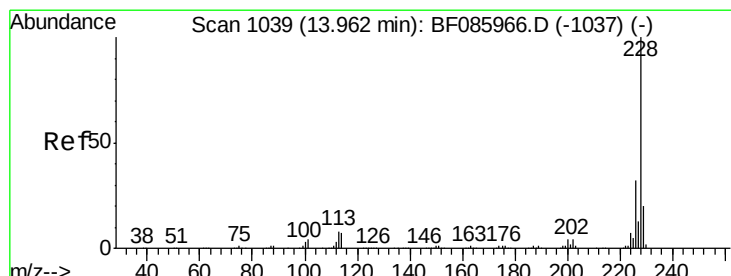
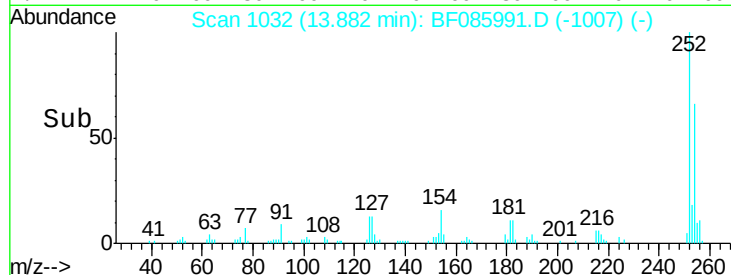
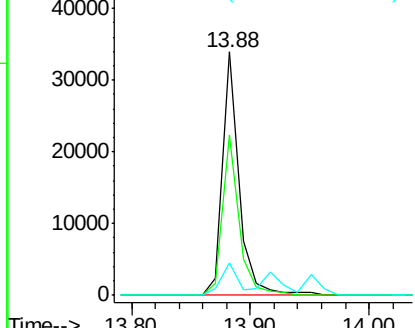
#81
 3,3'-Dichlorobenzidine
 Concen: 2.19 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:252 Resp: 32617
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.7 76.1
 126 13.4 11.8 17.6

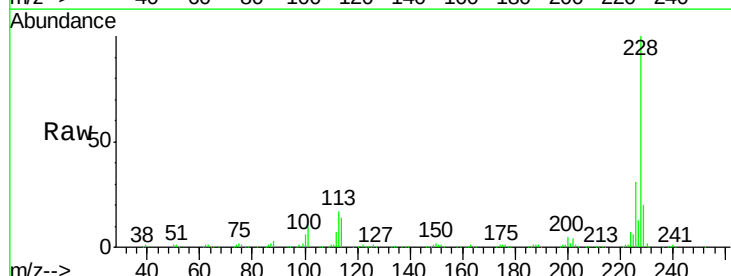


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

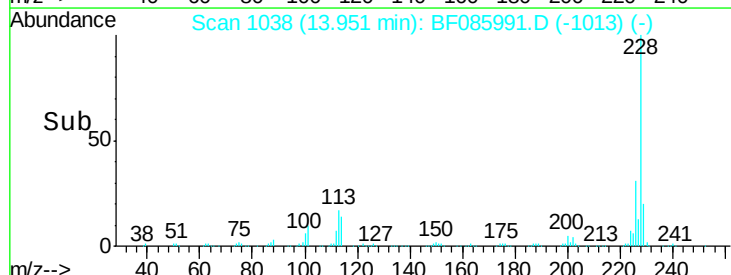
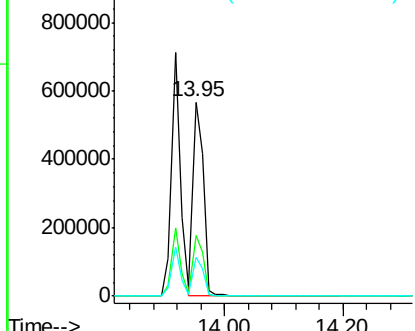


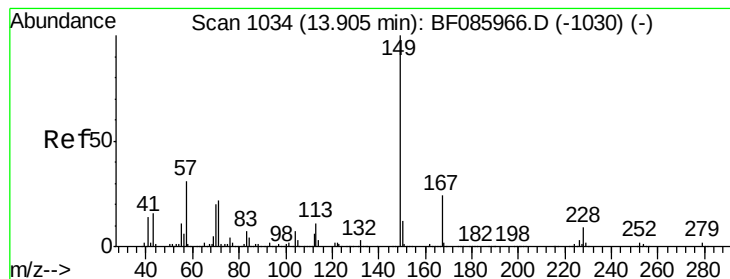
#82
 Chrysene
 Concen: 35.64 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:228 Resp: 700228
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.48 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

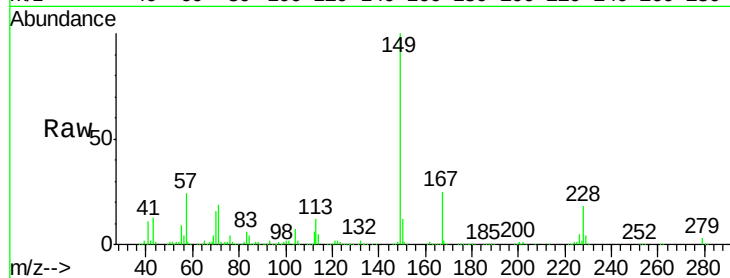
Tot Ion:149 Resp: 546214

Ion Ratio Lower Upper

149 100

167 25.2 19.4 29.2

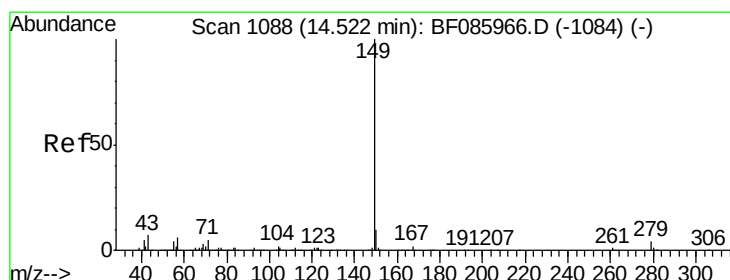
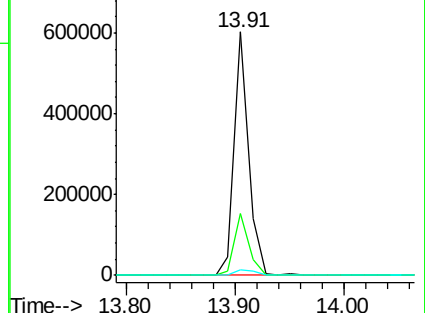
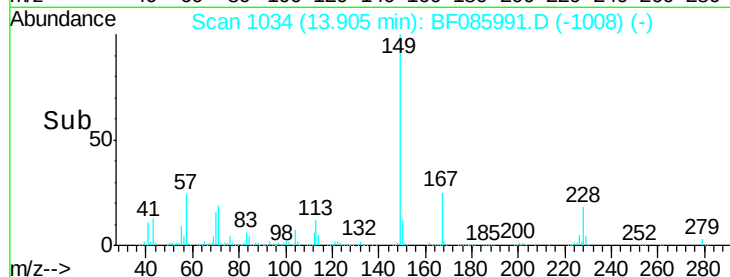
279 2.5 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.47 ng

RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

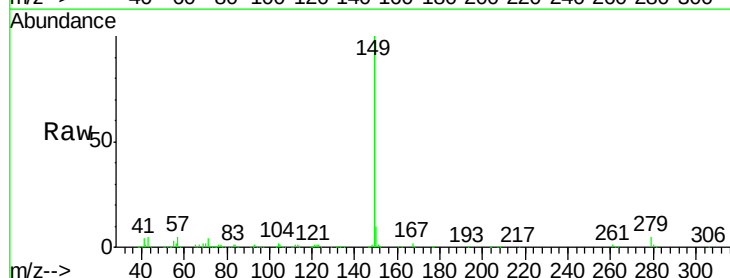
Tgt Ion:149 Resp: 988278

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

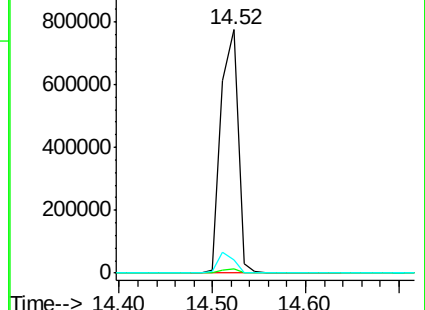
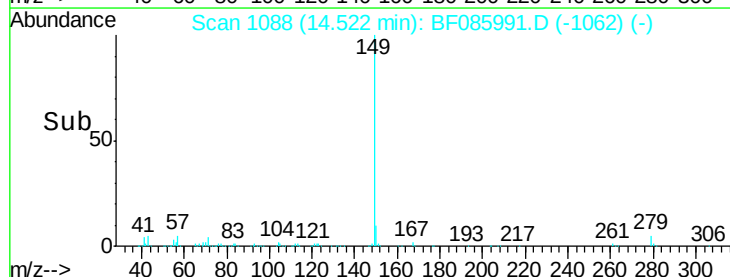
43 8.2 7.1 10.7

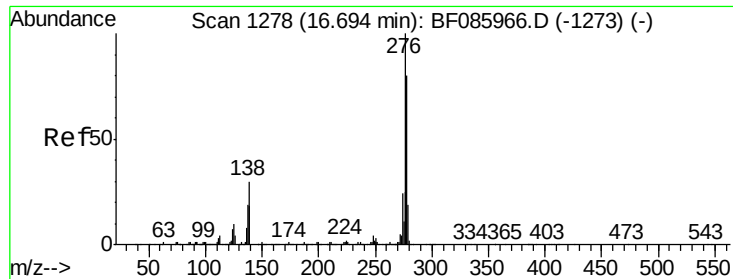


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

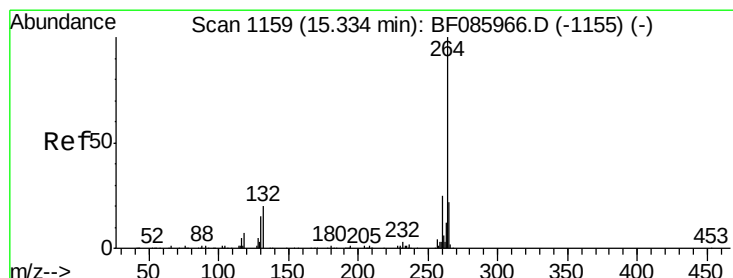
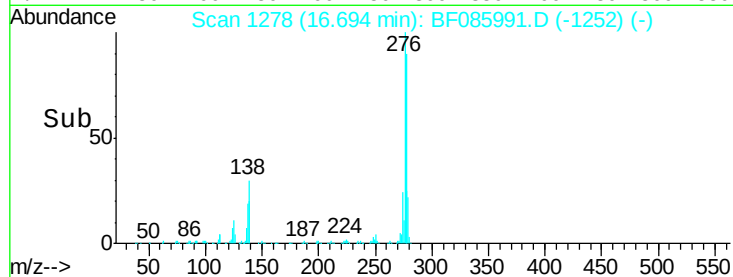
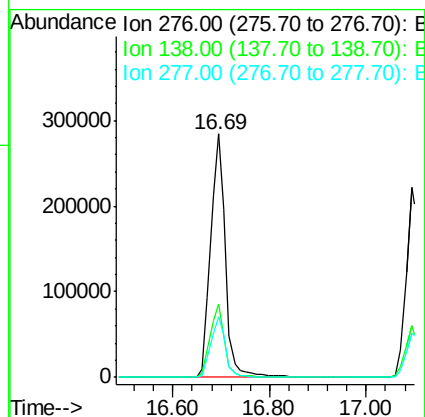
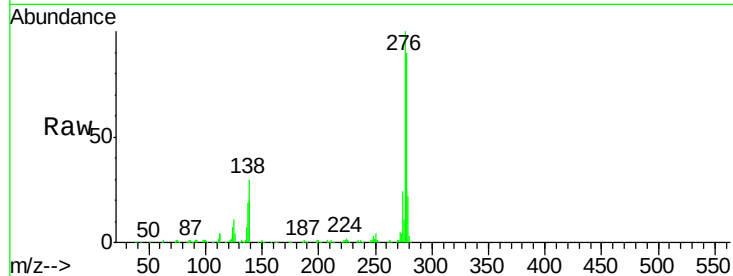




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.70 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

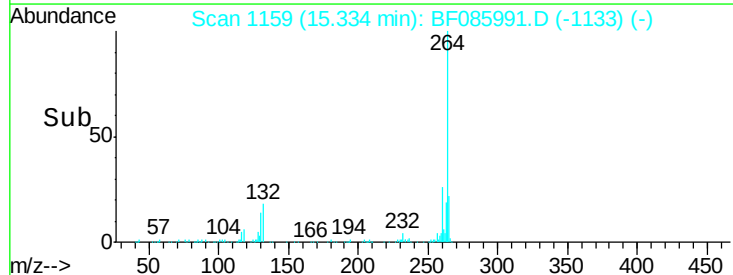
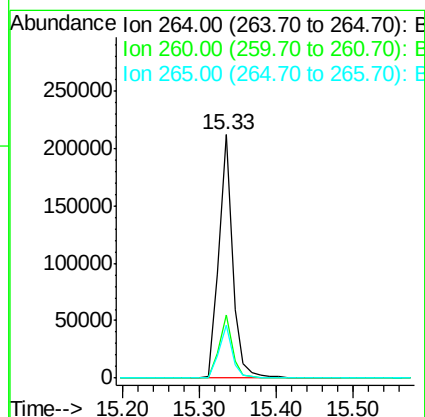
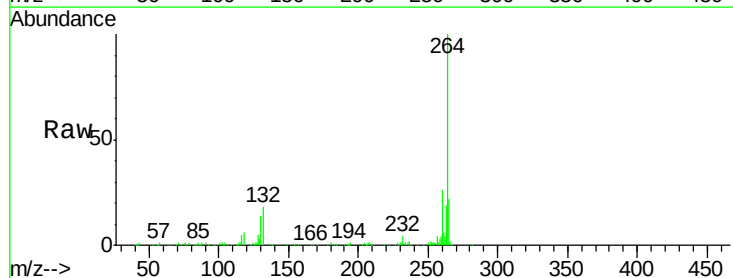
Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

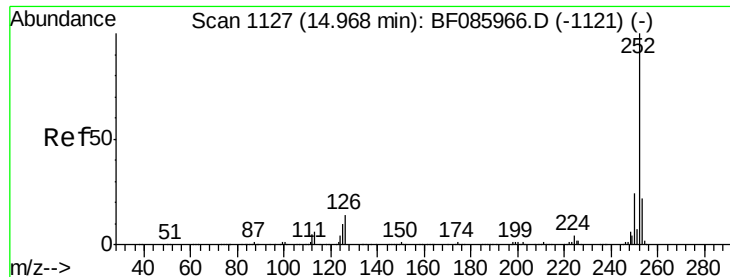
Tot Ion:276 Resp: 616954
 Ion Ratio Lower Upper
 276 100
 138 29.3 24.2 36.4
 277 24.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:264 Resp: 265866
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.4 29.2
 265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 84.99 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

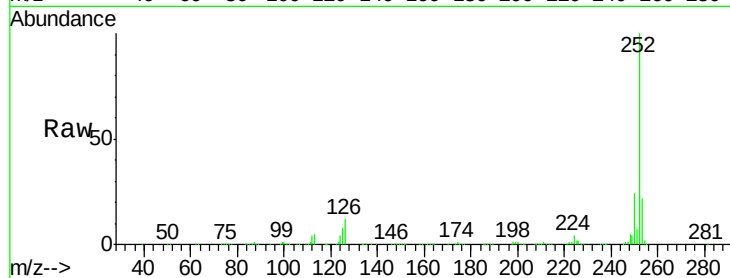
Tot Ion:252 Resp: 1421388

Ion Ratio Lower Upper

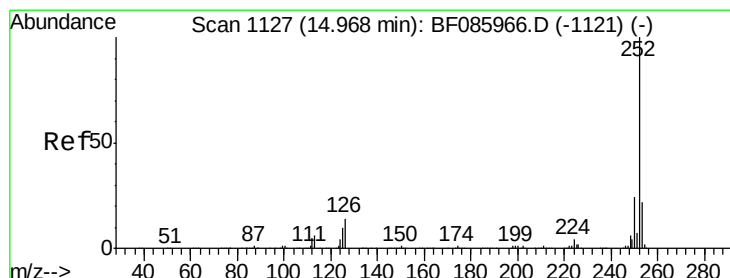
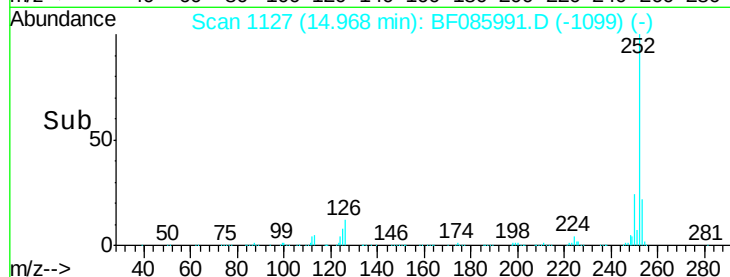
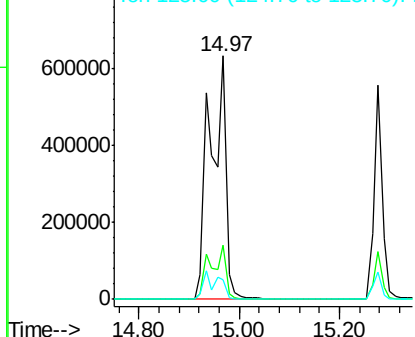
252 100

253 22.2 17.6 26.4

125 8.1 10.3 15.5#



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



#88

Benzo(k)fluoranthene

Concen: 95.99 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

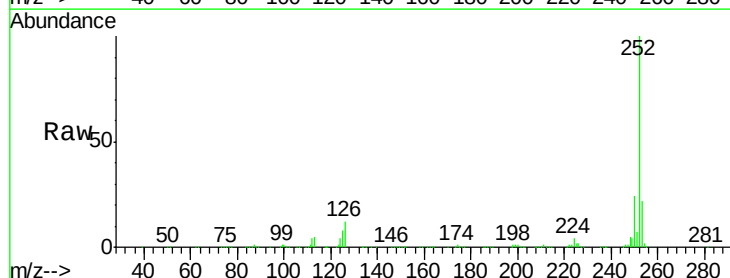
Tgt Ion:252 Resp: 1421703

Ion Ratio Lower Upper

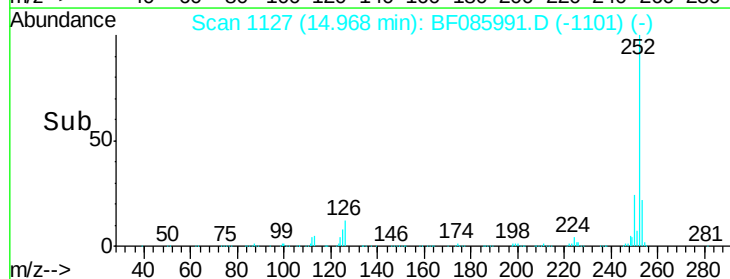
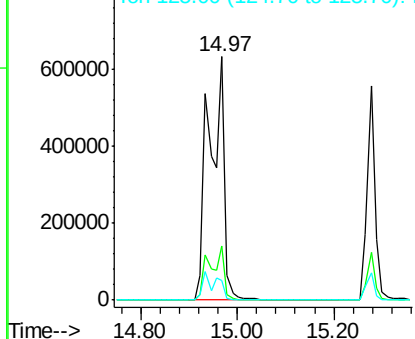
252 100

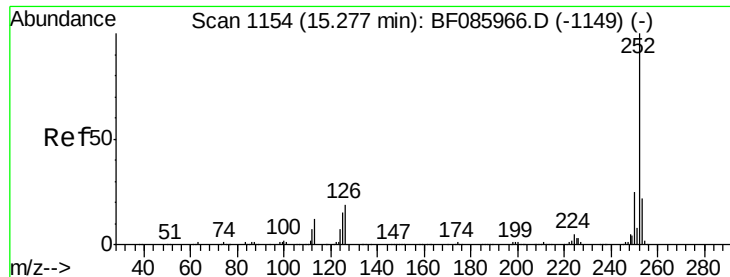
253 22.2 17.8 26.6

125 8.1 7.7 11.5



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





#89

Benzo(a)pyrene

Concen: 43.20 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

ClientSampleId :

PB89385BSD

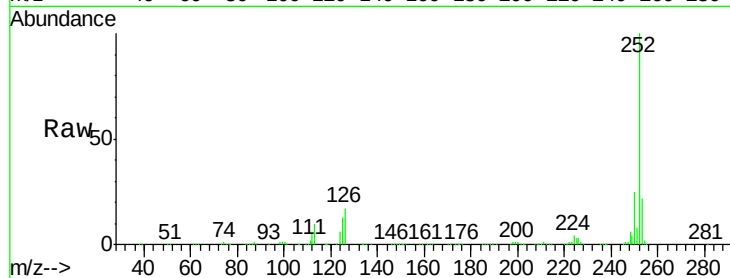
Tot Ion:252 Resp: 640116

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

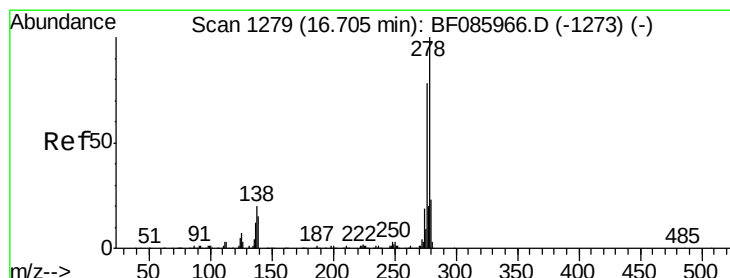
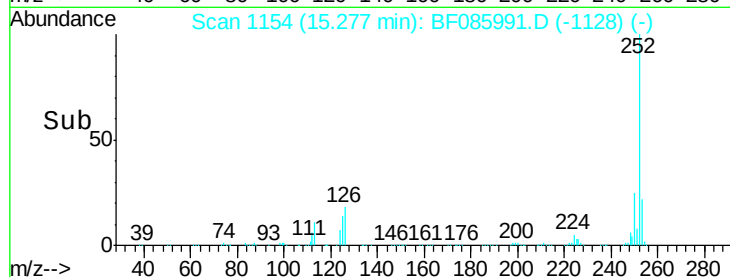
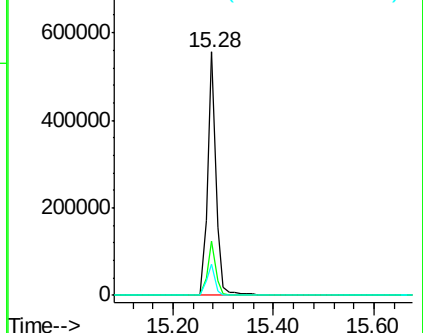
125 12.8 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.37 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

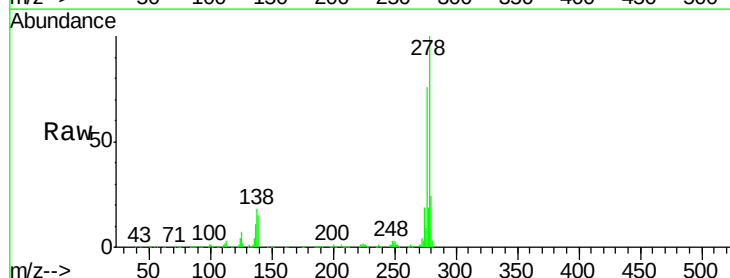
Tgt Ion:278 Resp: 528944

Ion Ratio Lower Upper

278 100

139 14.6 14.4 21.6

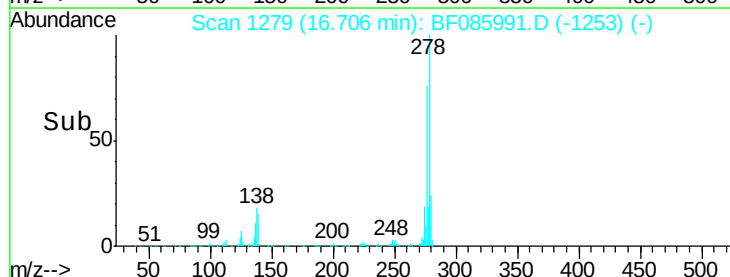
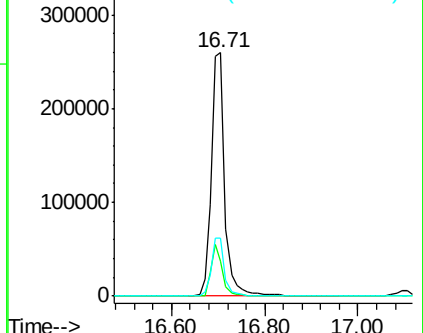
279 24.0 19.1 28.7

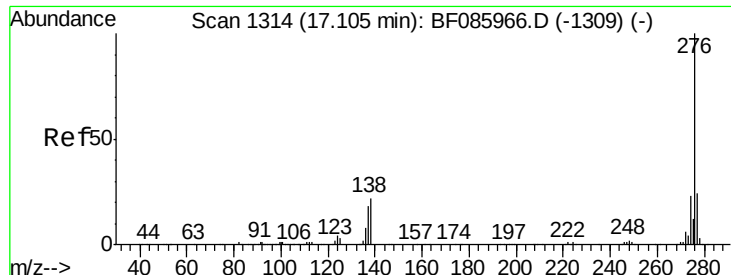


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

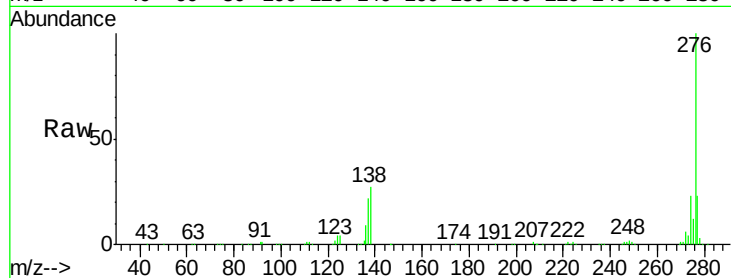




#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	27.1	22.6	34.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

