

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085887.D
 Acq On : 30 Mar 2016 15:39
 Operator : UM/SJ
 Sample : PB89280BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Quant Time: Mar 31 00:04:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100973	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	414455	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	195963	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	363247	20.00	ng	0.00
75) Chrysene-d12	13.96	240	272209	20.00	ng	-0.01
86) Perylene-d12	15.37	264	175309	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	503149	82.99	ng	0.00
7) Phenol-d6	6.44	99	632924	82.11	ng	-0.01
23) Nitrobenzene-d5	7.36	82	575762	78.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	159278	85.55	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1064650	90.77	ng	0.00
78) Terphenyl-d14	12.91	244	921896	69.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	96926	33.48	ng	97
3) Pyridine	3.12	79	307285	44.27	ng	98
4) n-Nitrosodimethylamine	3.08	42	123037	44.28	ng	99
6) Aniline	6.47	93	54696	5.27	ng	# 87
8) 2-Chlorophenol	6.58	128	301903	42.86	ng	97
9) Benzaldehyde	6.34	77	101183	21.79	ng	95
10) Phenol	6.45	94	320967	36.75	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	291102	43.31	ng	96
12) 1,3-Dichlorobenzene	6.97	146	274079	36.13	ng	99
13) 1,4-Dichlorobenzene	6.81	146	308407	40.09	ng	97
14) 1,2-Dichlorobenzene	6.97	146	274340	38.26	ng	96
15) Benzyl Alcohol	6.95	79	186511	36.26	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	337595	37.86	ng	87
17) 2-Methylphenol	7.06	107	251103	44.53	ng	99
18) Hexachloroethane	7.30	117	109718	38.95	ng	# 84
19) n-Nitroso-di-n-propylamine	7.21	70	184478	39.97	ng	92
20) 3+4-Methylphenols	7.22	107	304826	44.96	ng	# 66
22) Acetophenone	7.21	105	382982	39.67	ng	# 94
24) Nitrobenzene	7.38	77	305670	40.29	ng	97
25) Isophorone	7.62	82	555159	39.16	ng	98
26) 2-Nitrophenol	7.70	139	162953	42.93	ng	97
27) 2,4-Dimethylphenol	7.75	122	288903	43.55	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	355985	44.07	ng	99
29) 2,4-Dichlorophenol	7.94	162	227207	40.74	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	238904	38.59	ng	99
31) Naphthalene	8.10	128	803816	38.49	ng	99
32) Benzoic acid	7.88	122	154015	34.96	ng	99
33) 4-Chloroaniline	8.17	127	18426	2.16	ng	99
34) Hexachlorobutadiene	8.22	225	123994	36.85	ng	98
35) Caprolactam	8.53	113	55714	28.20	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	252523	38.76	ng	97
37) 2-Methylnaphthalene	8.80	142	576965	48.21	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	221372	38.09	ng	99
40) Hexachlorocyclopentadiene	8.95	237	178443	74.40	ng	99

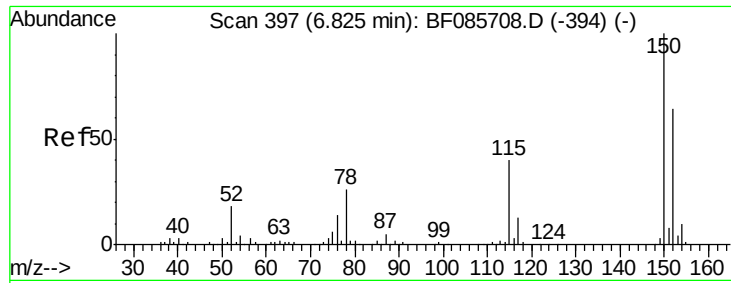
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	161602	41.17	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	161019	39.12	ng	99
45) 1,1'-Biphenyl	9.26	154	616920	37.31	ng	99
46) 2-Chloronaphthalene	9.29	162	494973	40.71	ng	98
47) 2-Nitroaniline	9.38	65	123053	33.09	ng	86
48) Acenaphthylene	9.70	152	834083	42.10	ng	99
49) Dimethylphthalate	9.57	163	584090	39.29	ng	100
50) 2,6-Dinitrotoluene	9.64	165	136154	42.55	ng	# 68
51) Acenaphthene	9.88	154	491240	40.59	ng	99
52) 3-Nitroaniline	9.81	138	17021	4.65	ng	87
53) 2,4-Dinitrophenol	9.91	184	122039	75.82	ng	96
54) Dibenzofuran	10.05	168	707638	45.18	ng	98
55) 4-Nitrophenol	9.98	139	193530	81.10	ng	# 83
56) 2,4-Dinitrotoluene	10.04	165	159296	39.16	ng	# 53
57) Fluorene	10.39	166	575969	44.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	130726	45.70	ng	94
59) Diethylphthalate	10.26	149	579459	39.45	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	246739	38.76	ng	99
61) 4-Nitroaniline	10.41	138	86249	24.62	ng	97
62) Azobenzene	10.54	77	597485	42.33	ng	100
64) 4,6-Dinitro-2-methylphenol	10.45	198	97094	45.64	ng	# 70
65) n-Nitrosodiphenylamine	10.50	169	267485	23.25	ng	98
66) 4-Bromophenyl-phenylether	10.87	248	159043	42.80	ng	97
67) Hexachlorobenzene	10.94	284	169419	43.59	ng	99
68) Atrazine	11.03	200	83347	21.46	ng	98
69) Pentachlorophenol	11.13	266	161110	84.44	ng	99
70) Phenanthrene	11.35	178	856260	45.91	ng	100
71) Anthracene	11.40	178	795020	40.60	ng	99
72) Carbazole	11.56	167	375023	22.81	ng	98
73) Di-n-butylphthalate	11.89	149	957636	42.45	ng	100
74) Fluoranthene	12.54	202	853611	43.06	ng	89
76) Benzidine	12.67	184	28348	2.96	ng	98
77) Pyrene	12.76	202	835997	37.36	ng	98
79) Butylbenzylphthalate	13.39	149	388329	41.44	ng	100
80) Benzo(a)anthracene	13.95	228	660039	42.52	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	29151	2.71	ng	99
82) Chrysene	13.99	228	678521	43.40	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	478698	42.67	ng	98
84) Di-n-octyl phthalate	14.55	149	798535	47.86	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	499272	41.36	ng	99
87) Benzo(b)fluoranthene	14.97	252	1125099	101.88	ng	# 97
88) Benzo(k)fluoranthene	14.97	252	1125850	113.08	ng	99
89) Benzo(a)pyrene	15.32	252	501559	51.15	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	428500	47.03	ng	97
91) Benzo(g,h,i)perylene	17.17	276	415932	45.09	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. 0.00 min

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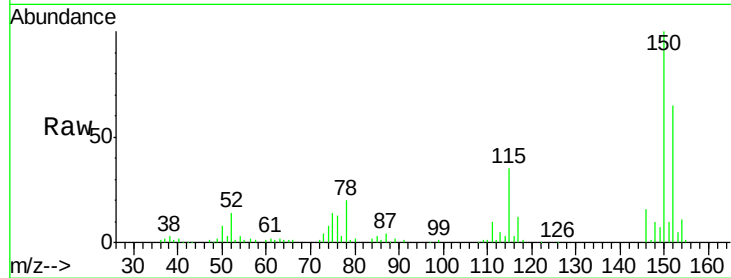
Tgt Ion:152 Resp: 100973

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

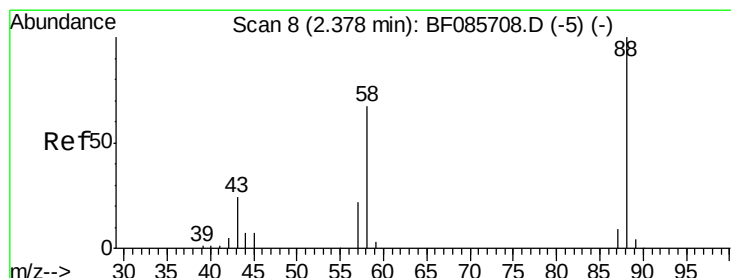
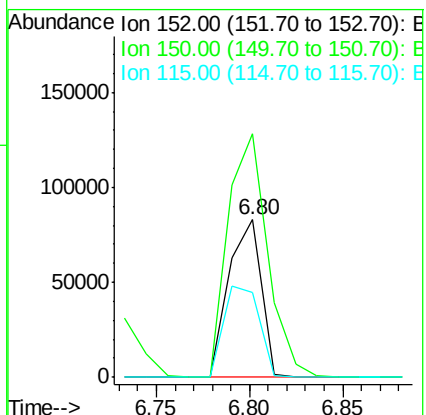
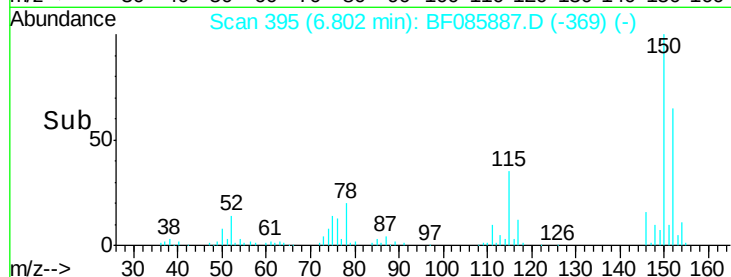
115 53.6 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.48 ng

RT: 2.41 min Scan# 11

Delta R.T. 0.08 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

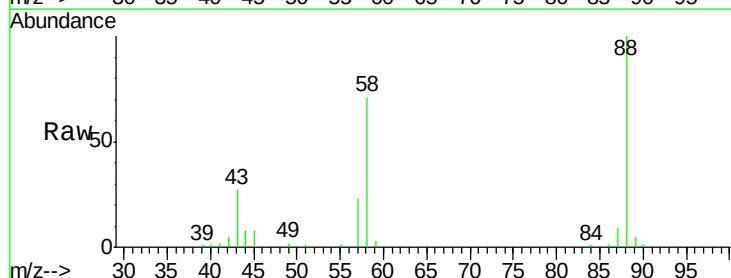
Tgt Ion: 88 Resp: 96926

Ion Ratio Lower Upper

88 100

58 70.8 54.2 81.2

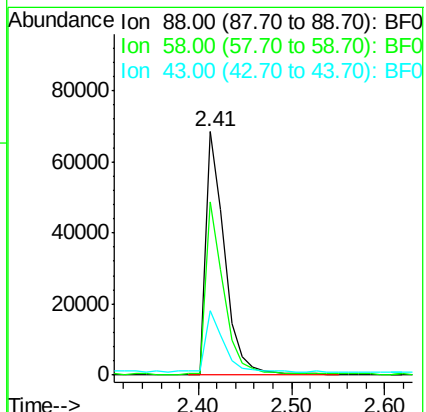
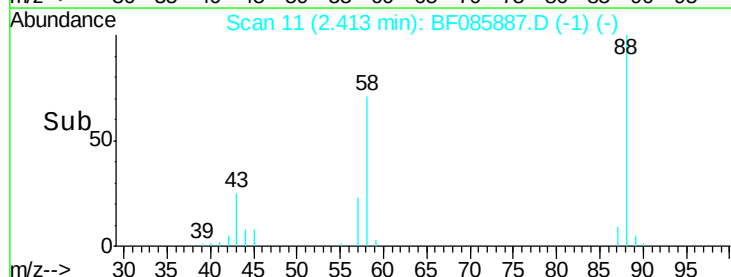
43 25.3 19.3 28.9

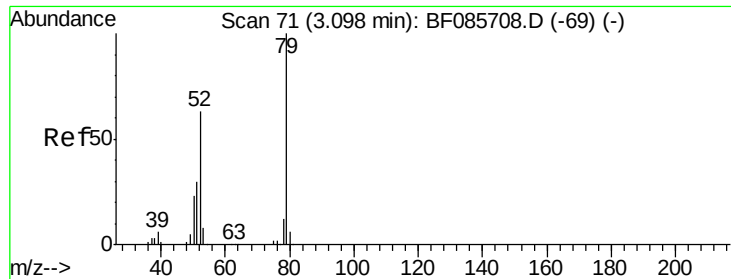


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.27 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

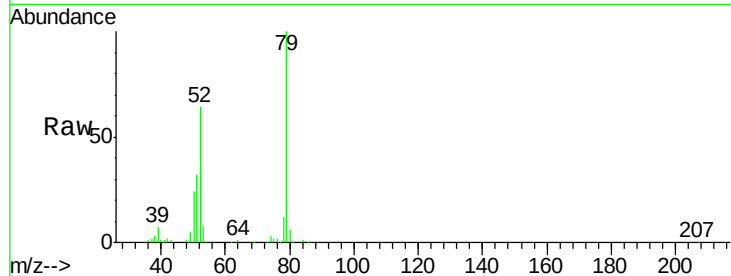
Tgt Ion: 79 Resp: 307285

Ion Ratio Lower Upper

79 100

52 63.6 49.8 74.6

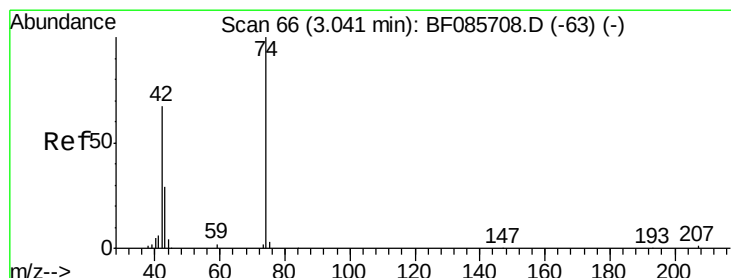
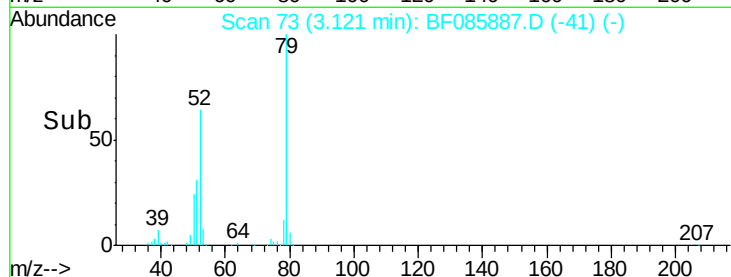
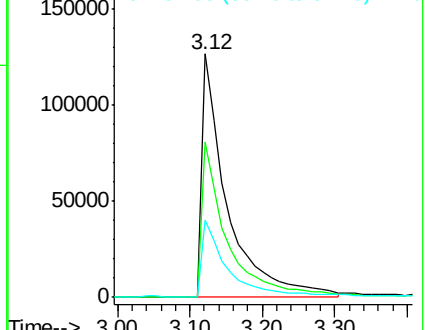
51 31.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.28 ng

RT: 3.08 min Scan# 69

Delta R.T. 0.07 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

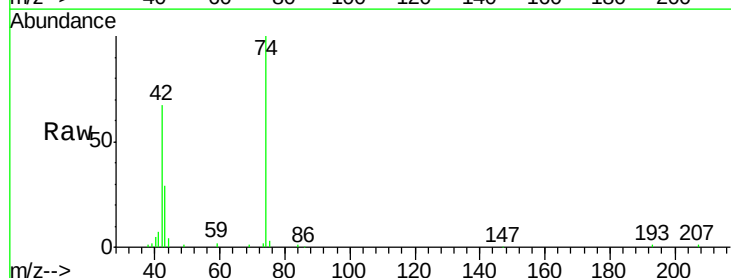
Tgt Ion: 42 Resp: 123037

Ion Ratio Lower Upper

42 100

74 150.1 121.4 182.2

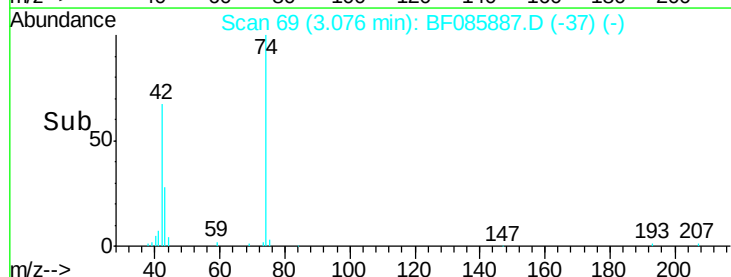
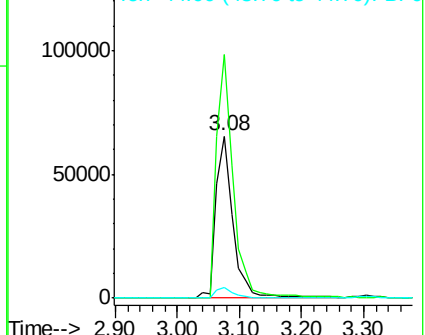
44 6.4 5.6 8.4

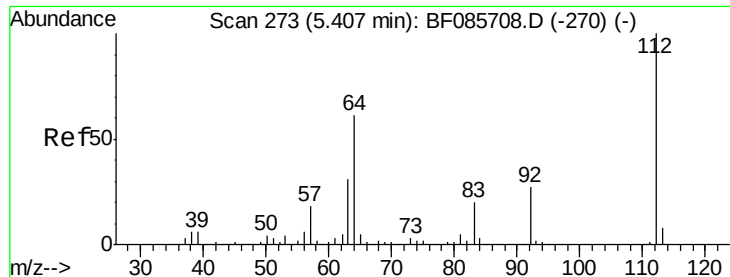


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.99 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

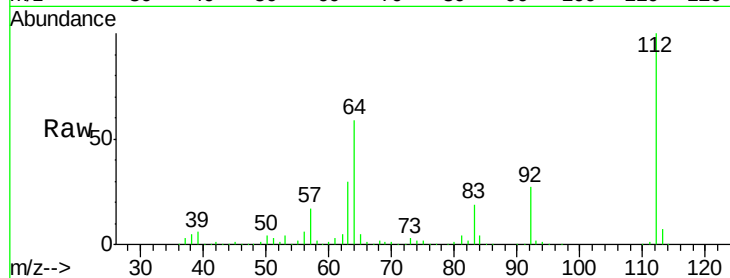
Tgt Ion: 112 Resp: 503149

Ion Ratio Lower Upper

112 100

64 59.4 39.9 59.9

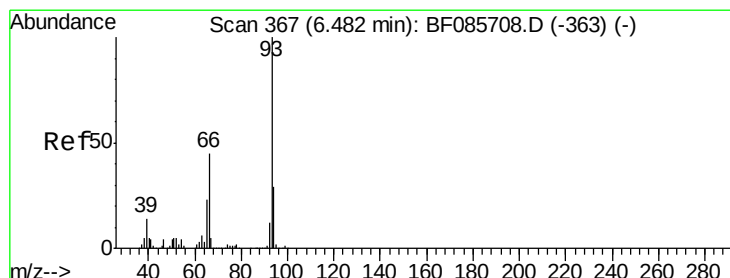
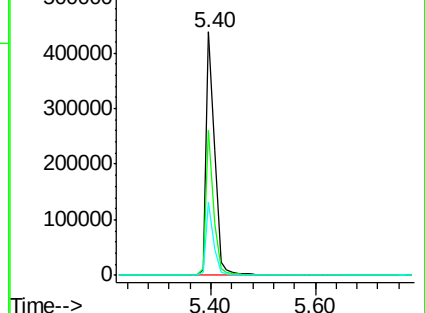
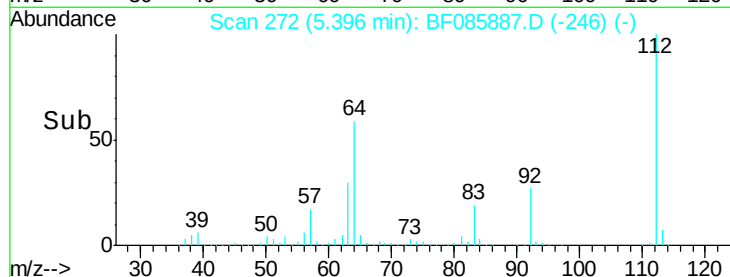
63 29.9 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.27 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

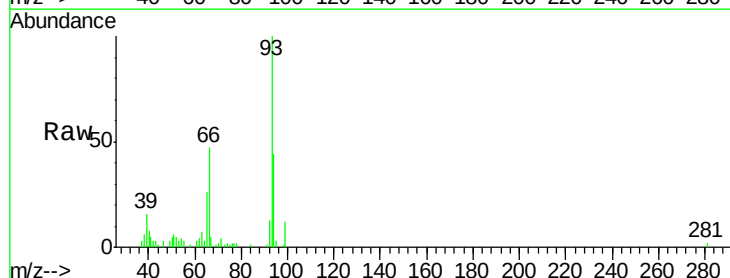
Tgt Ion: 93 Resp: 54696

Ion Ratio Lower Upper

93 100

66 46.9 31.4 47.2

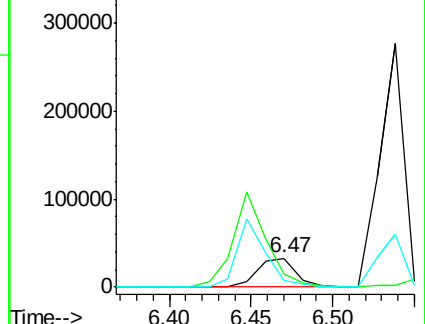
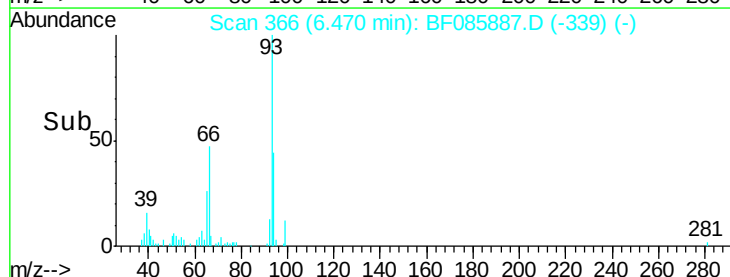
65 25.5 15.7 23.5#

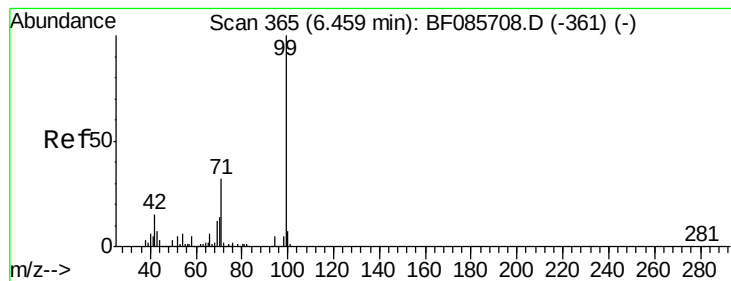


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.11 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

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ClientSampleId :

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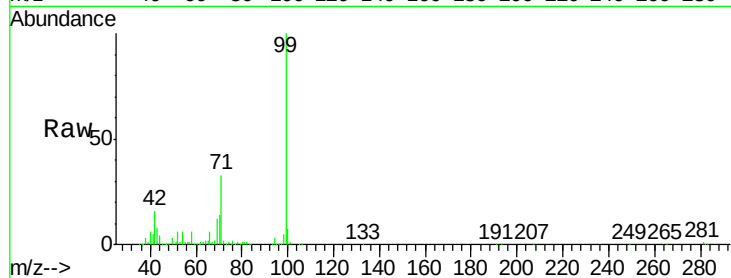
Tgt Ion: 99 Resp: 632924

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

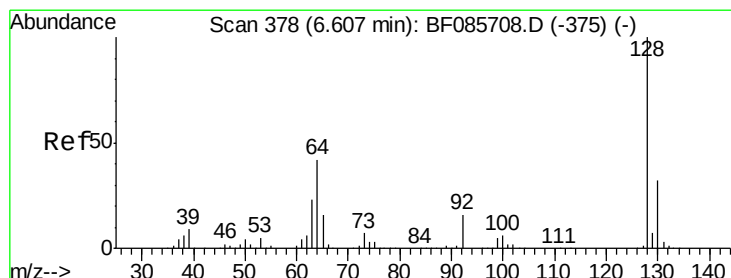
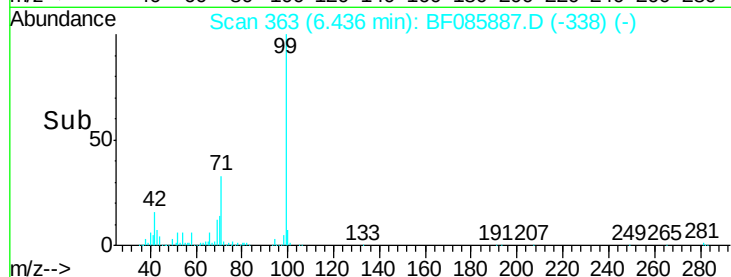
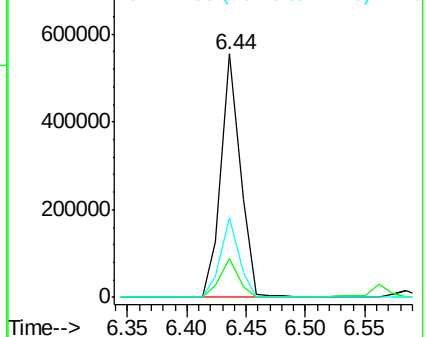
71 32.7 24.9 37.3



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: 42.86 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

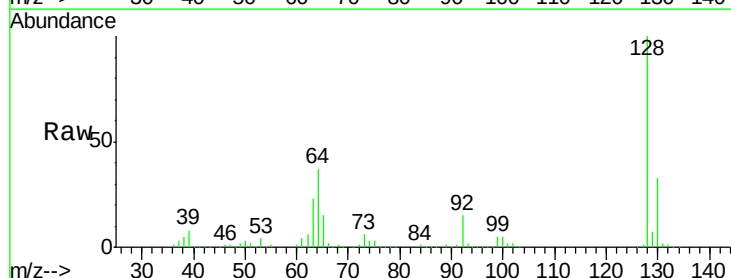
Tgt Ion: 128 Resp: 301903

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

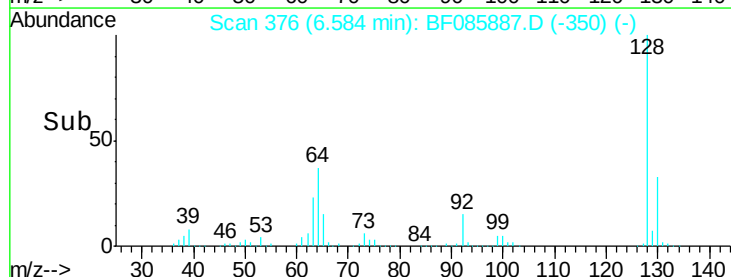
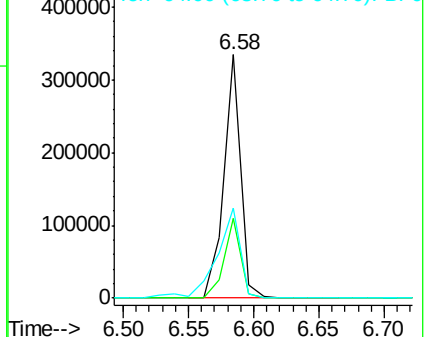
64 36.7 20.2 60.2

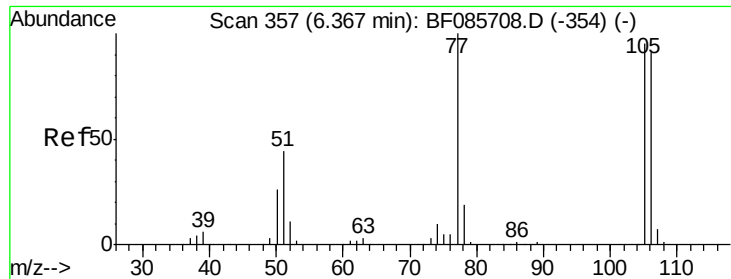


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

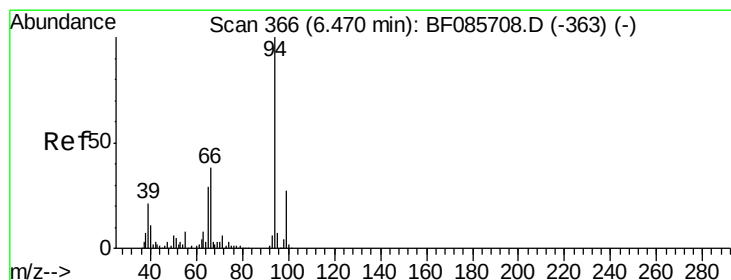
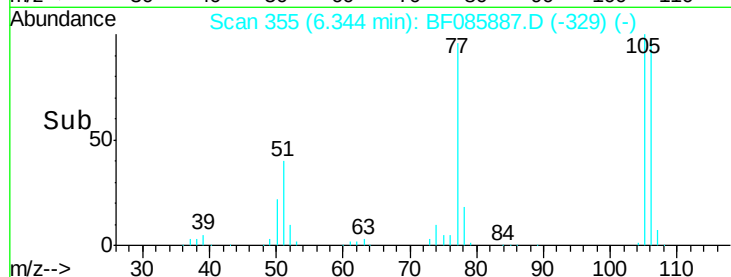
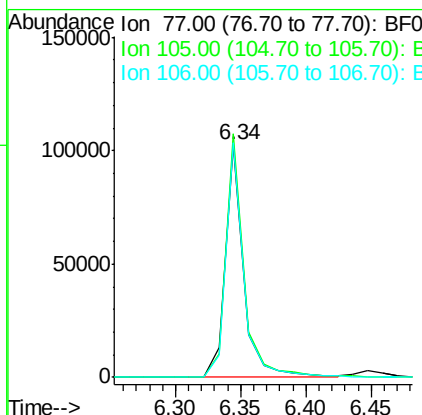
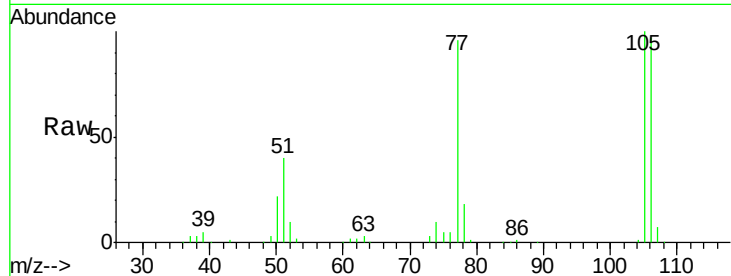




#9
Benzaldehyde
Concen: 21.79 ng
RT: 6.34 min Scan# 355
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

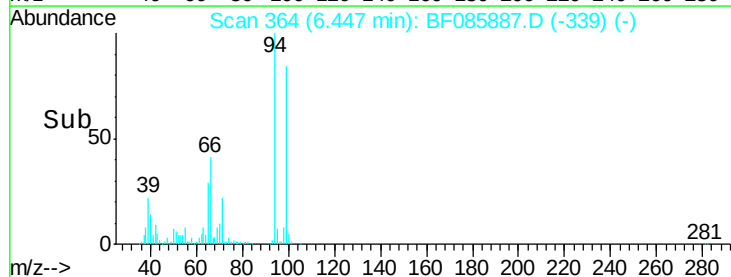
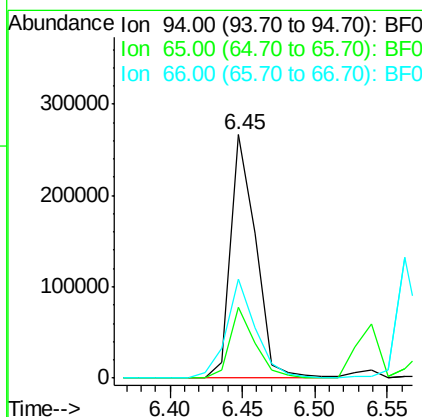
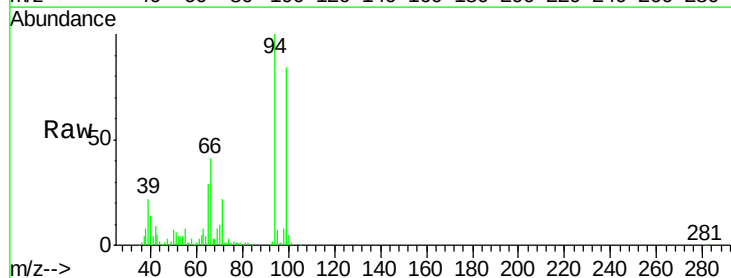
Instrument :
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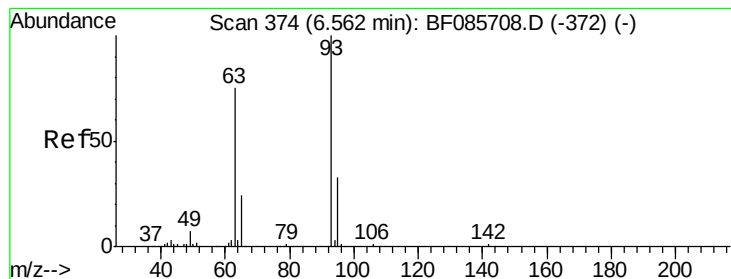
Tgt Ion: 77 Resp: 101183
Ion Ratio Lower Upper
77 100
105 104.6 80.1 120.1
106 101.1 75.0 115.0



#10
Phenol
Concen: 36.75 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion: 94 Resp: 320967
Ion Ratio Lower Upper
94 100
65 29.2 8.6 48.6
66 40.7 20.0 60.0

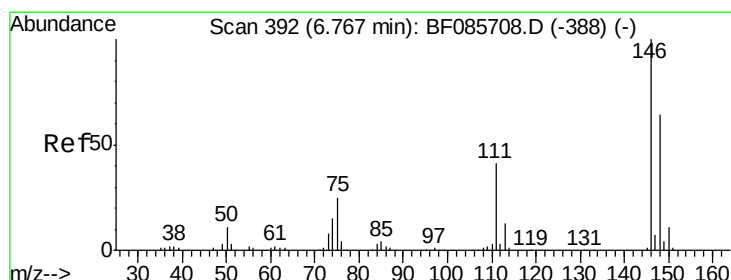
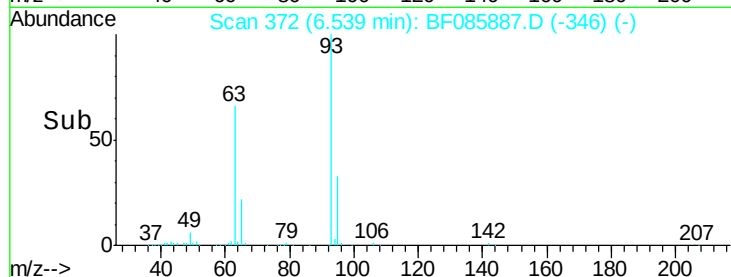
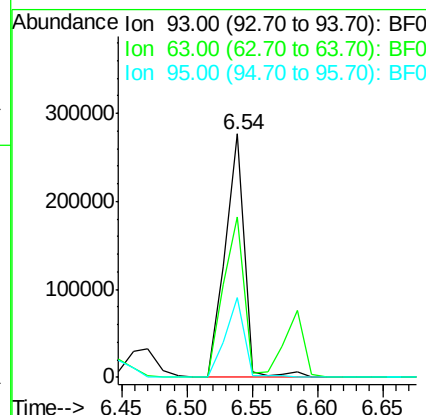
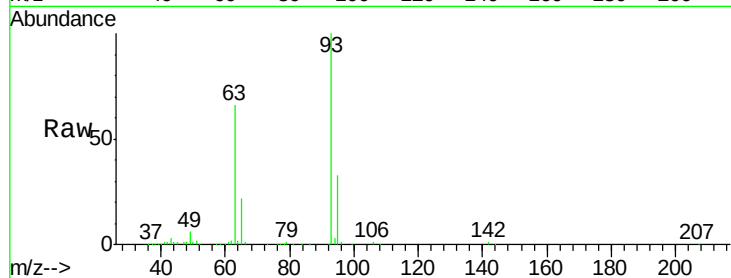




#11
bis(2-Chloroethyl)ether
Concen: 43.31 ng
RT: 6.54 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

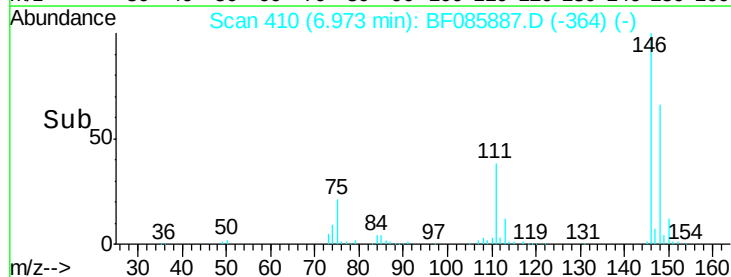
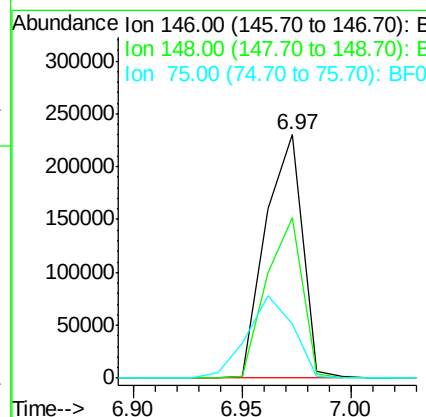
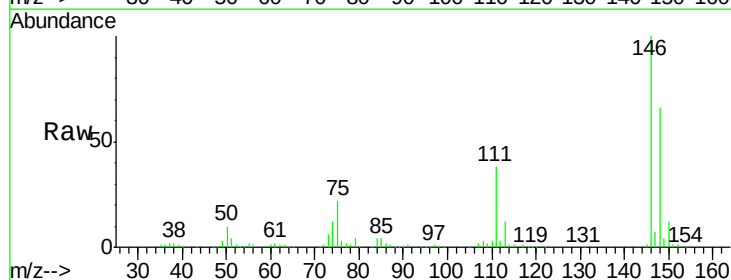
Instrument :
BNA_F
ClientSampleId :
PB89280BSD

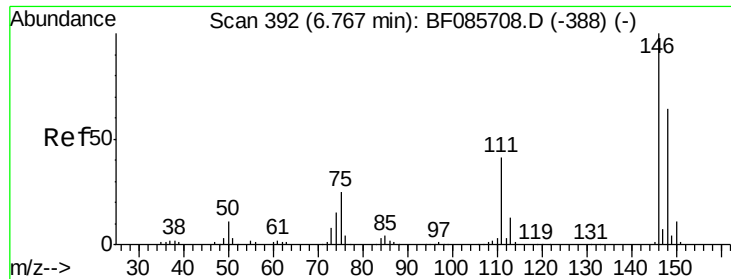
Tgt Ion: 93 Resp: 291102
Ion Ratio Lower Upper
93 100
63 66.0 50.9 90.9
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.13 ng
RT: 6.97 min Scan# 410
Delta R.T. 0.23 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion: 146 Resp: 274079
Ion Ratio Lower Upper
146 100
148 65.7 52.3 78.5
75 22.3 17.4 26.2

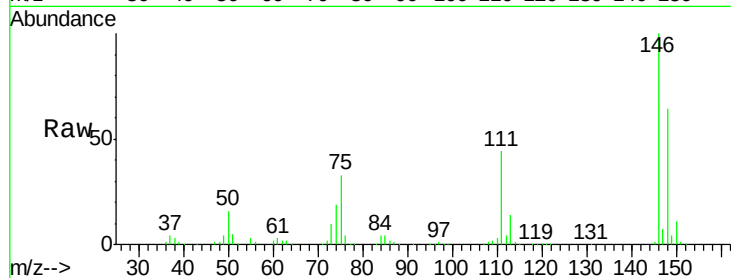




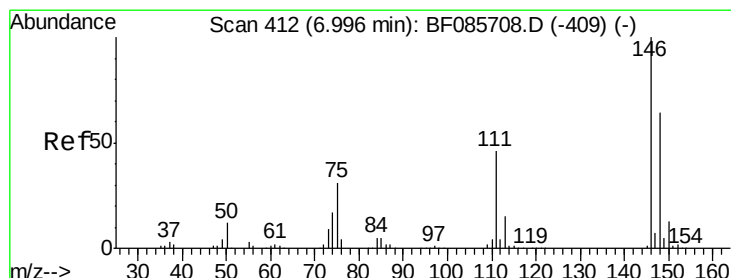
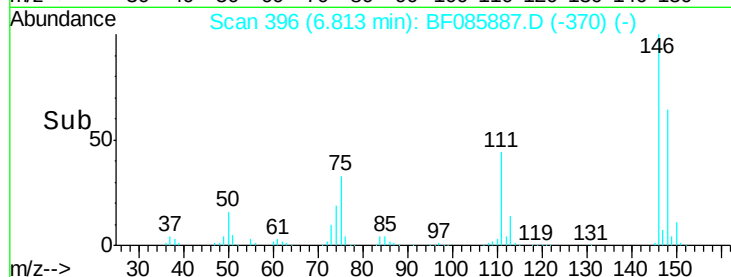
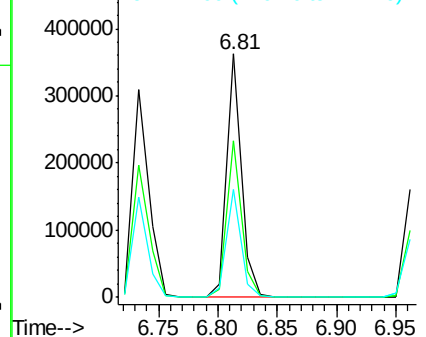
#13
 1,4-Dichlorobenzene
 Concen: 40.09 ng
 RT: 6.81 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion:146 Resp: 308407
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 44.3 37.8 56.6

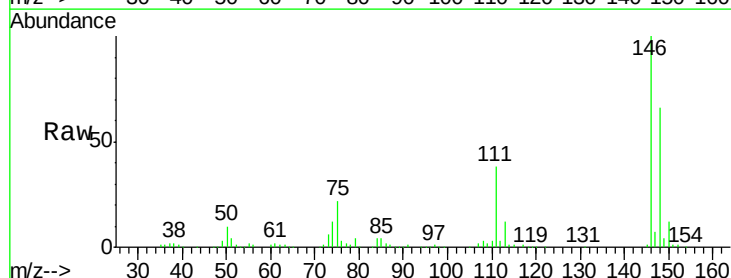


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

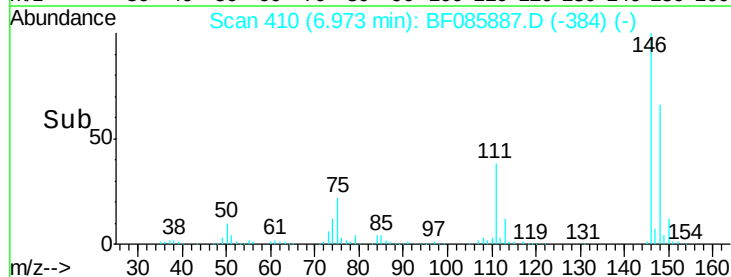
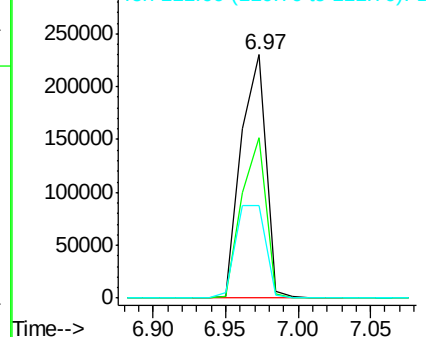


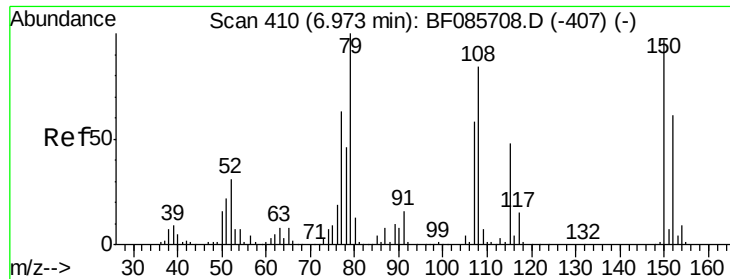
#14
 1,2-Dichlorobenzene
 Concen: 38.26 ng
 RT: 6.97 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:146 Resp: 274340
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.2
 111 38.3 34.6 52.0



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

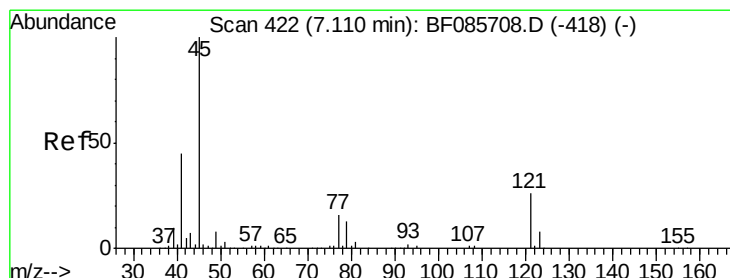
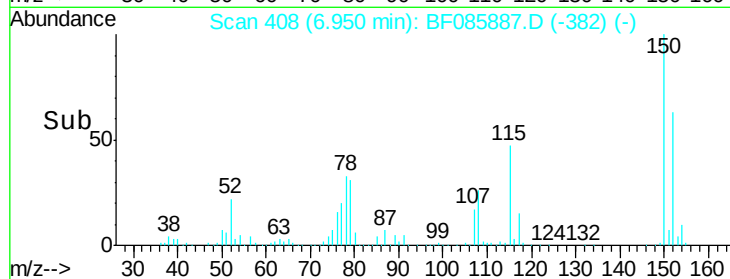
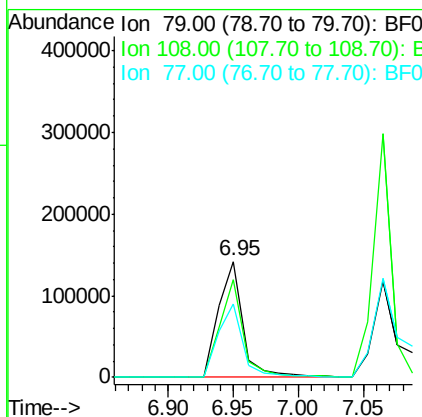
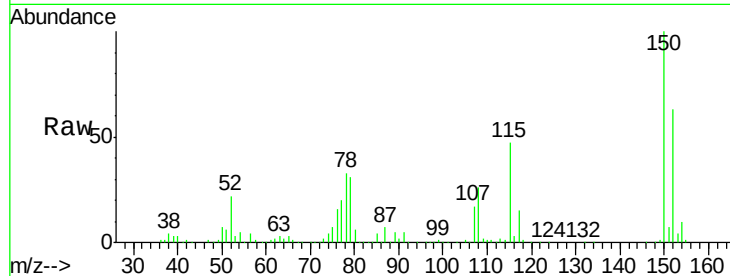




#15
Benzyl Alcohol
Concen: 36.26 ng
RT: 6.95 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

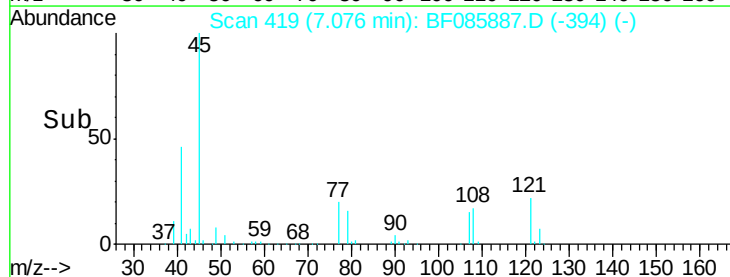
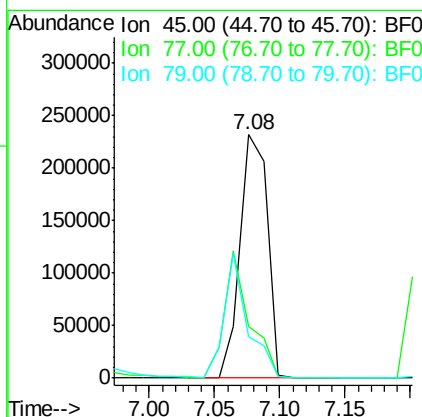
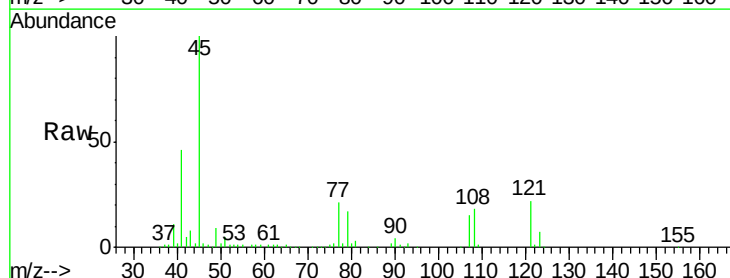
Instrument :
BNA_F
ClientSampleId :
PB89280BSD

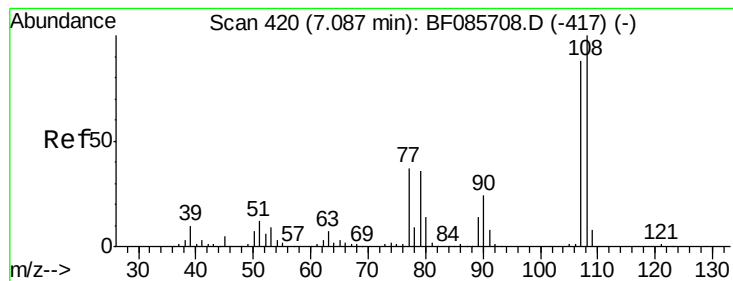
Tgt Ion: 79 Resp: 186511
Ion Ratio Lower Upper
79 100
108 84.5 61.8 92.6
77 63.3 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.86 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion: 45 Resp: 337595
Ion Ratio Lower Upper
45 100
77 21.4 0.0 35.7
79 16.8 0.0 32.2





#17

2-Methylphenol

Concen: 44.53 ng

RT: 7.06 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

Tgt Ion:107 Resp: 251103

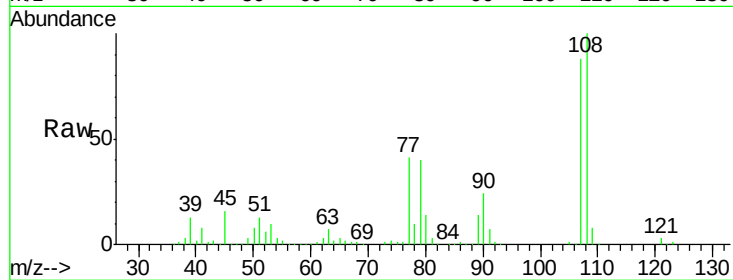
Ion Ratio Lower Upper

107 100

108 113.7 91.4 137.0

77 46.2 36.2 54.2

79 45.3 35.8 53.8

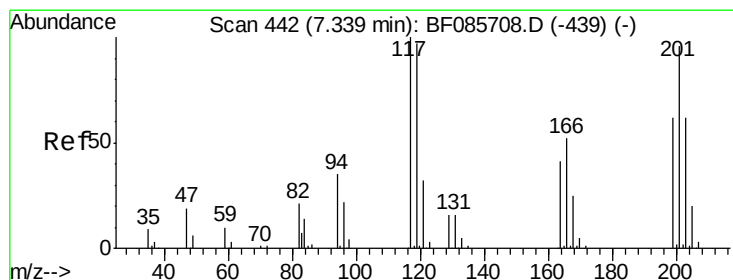
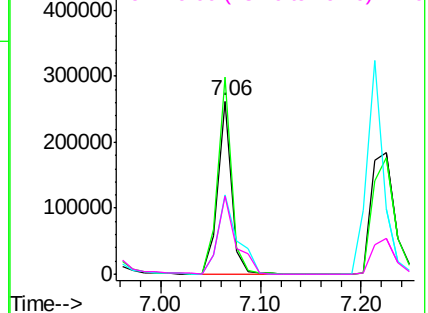
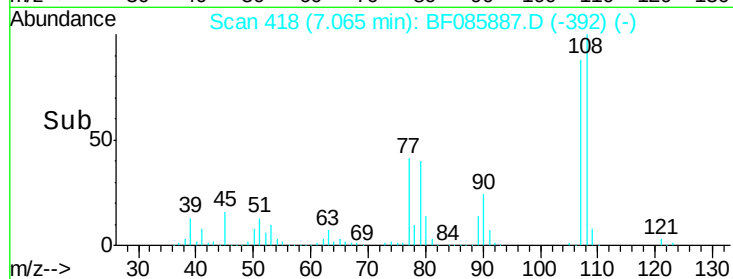


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.95 ng

RT: 7.30 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

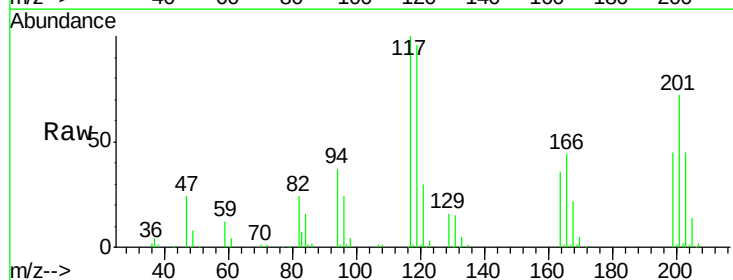
Tgt Ion:117 Resp: 109718

Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

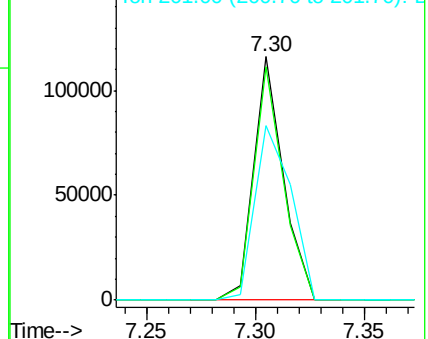
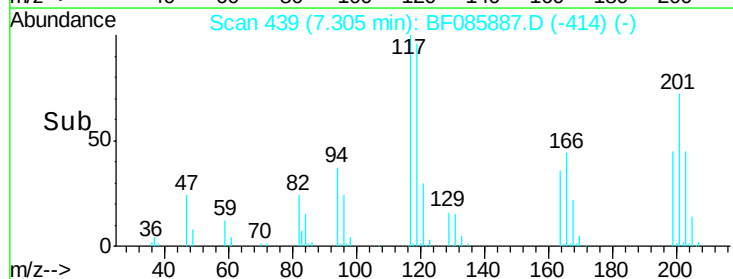
201 71.7 83.3 124.9#

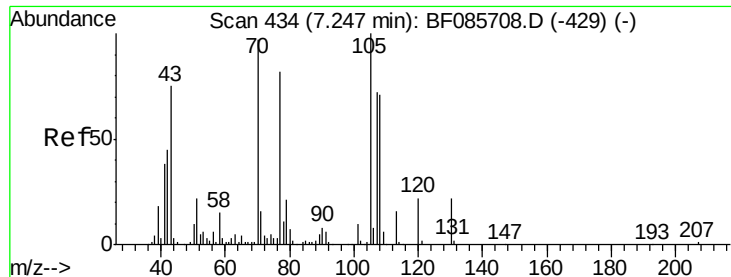


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

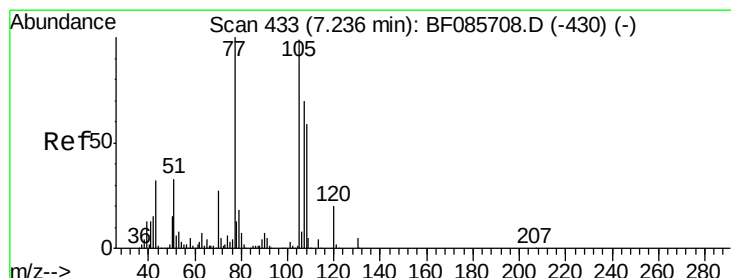
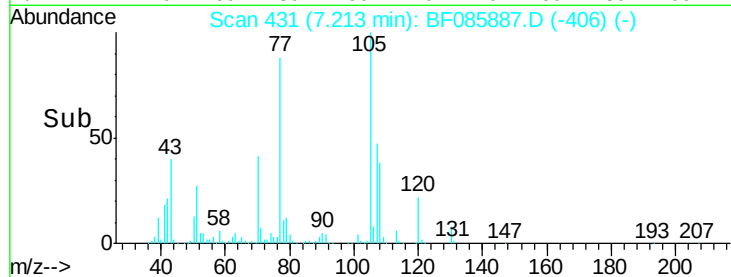
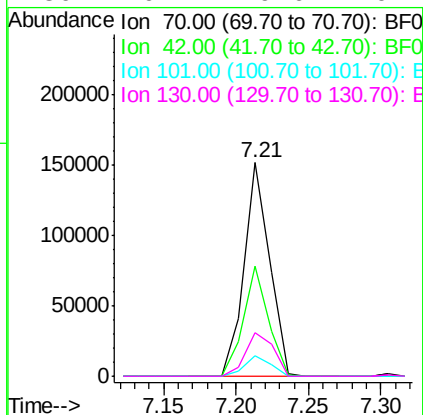
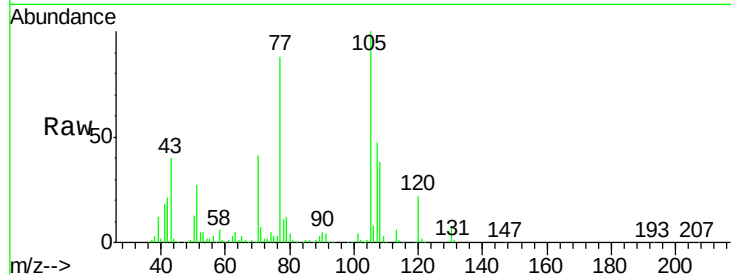




#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

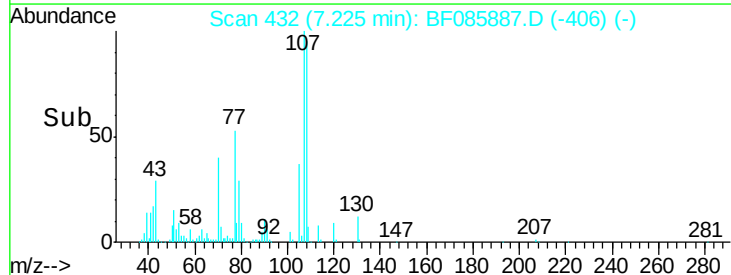
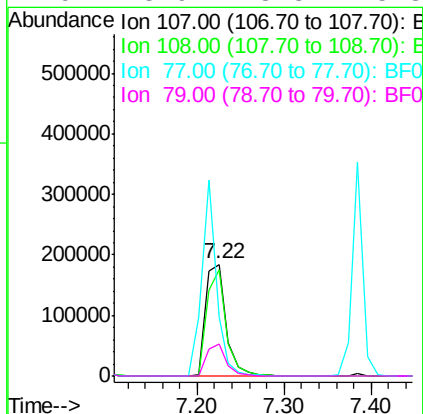
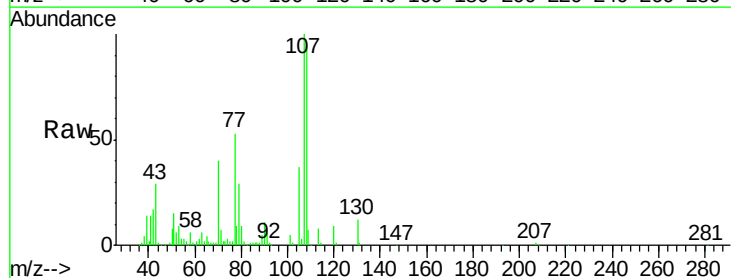
Instrument :
BNA_F
ClientSampleId :
PB89280BSD

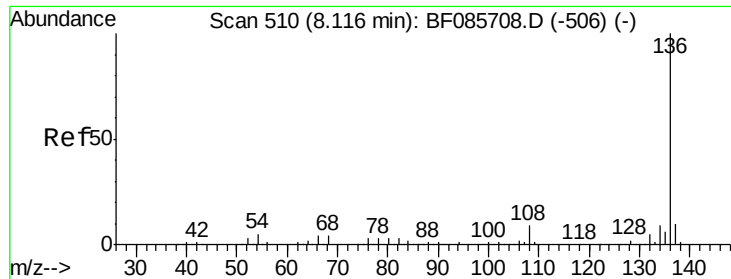
Tgt Ion: 70 Resp: 184478
Ion Ratio Lower Upper
70 100
42 51.6 37.1 55.7
101 9.5 8.6 12.8
130 20.1 19.6 29.4



#20
3+4-Methylphenols
Concen: 44.96 ng
RT: 7.22 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion: 107 Resp: 304826
Ion Ratio Lower Upper
107 100
108 95.3 69.3 109.3
77 53.2 101.7 141.7#
79 28.9 8.3 48.3

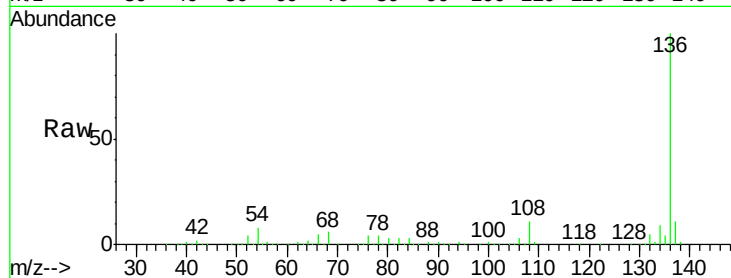




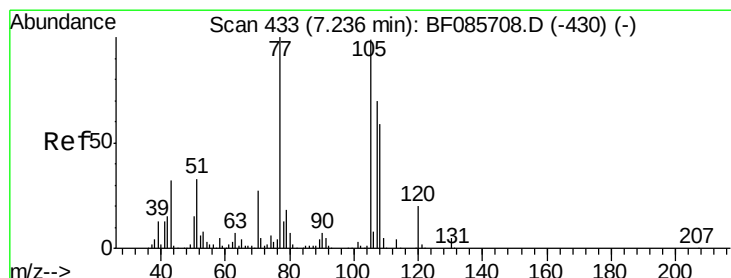
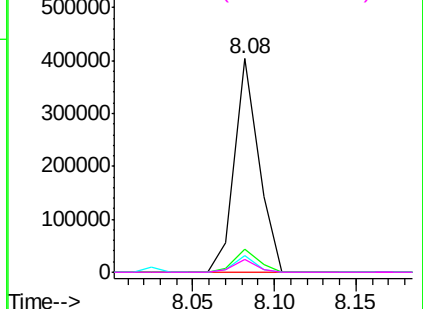
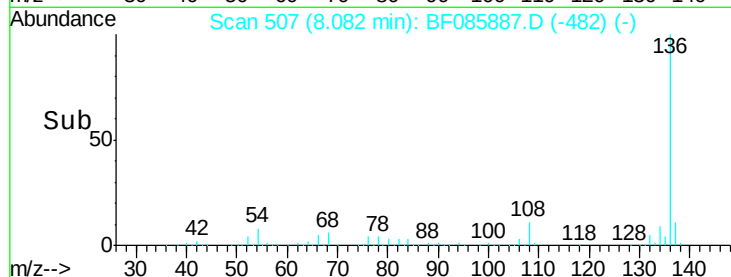
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Tgt Ion:	136	Resp:	414455
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.7	7.4	11.0
68	6.2	5.8	8.8

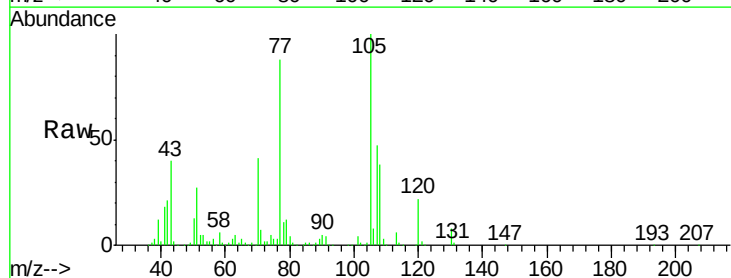


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

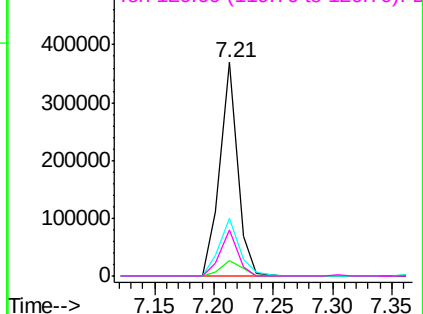
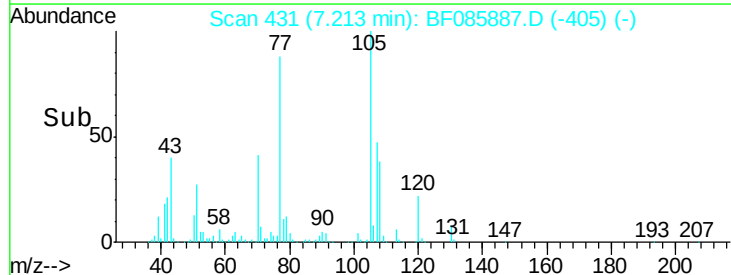


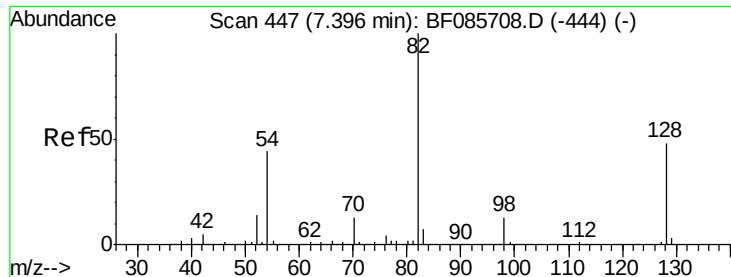
#22
Acetophenone
Concen: 39.67 ng
RT: 7.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion:	105	Resp:	382982
Ion	Ratio	Lower	Upper
105	100		
71	7.0	3.6	5.4#
51	27.1	25.4	38.0
120	21.7	16.9	25.3



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

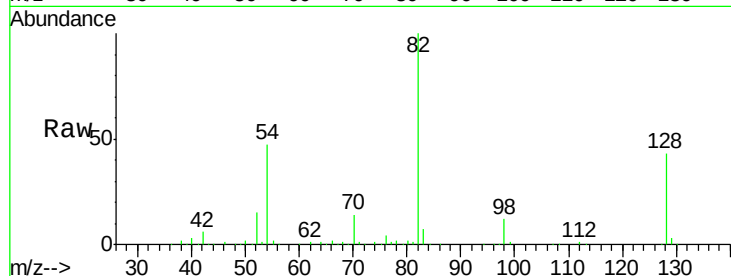




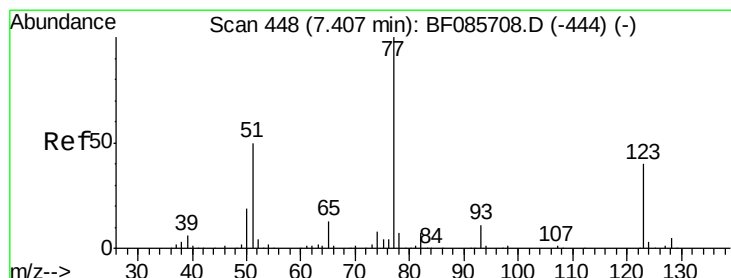
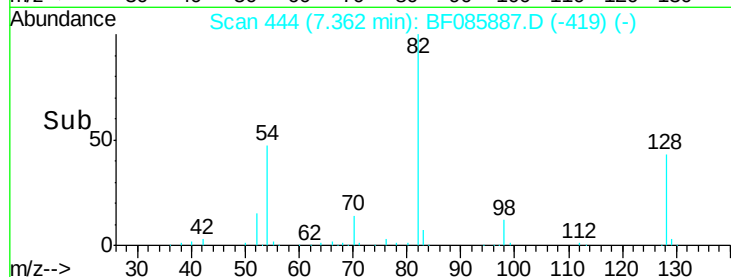
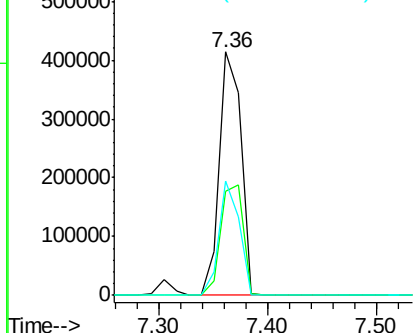
#23
 Nitrobenzene-d5
 Concen: 78.23 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion: 82 Resp: 575762
 Ion Ratio Lower Upper
 82 100
 128 42.6 41.8 62.8
 54 47.0 33.4 50.0

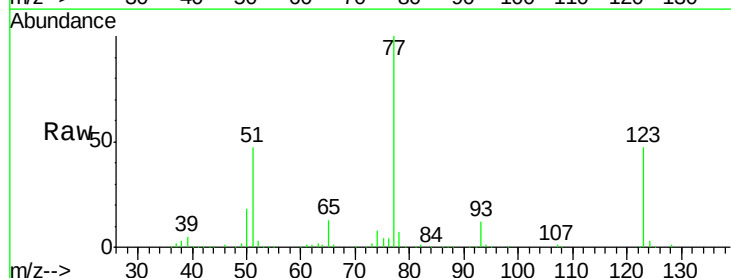


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

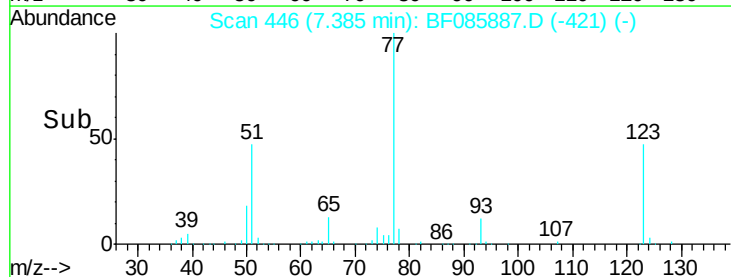
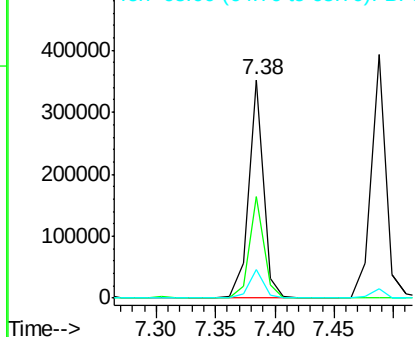


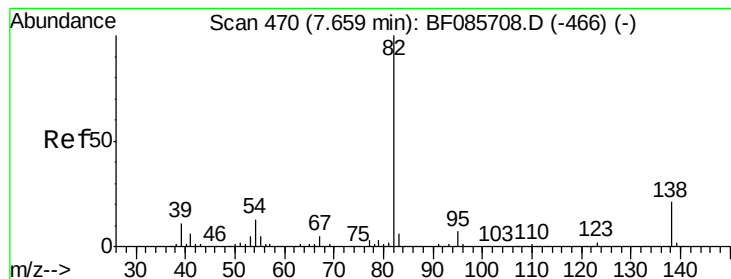
#24
 Nitrobenzene
 Concen: 40.29 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion: 77 Resp: 305670
 Ion Ratio Lower Upper
 77 100
 123 46.5 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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.16 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

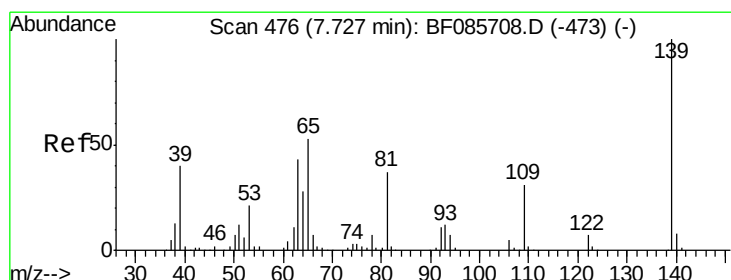
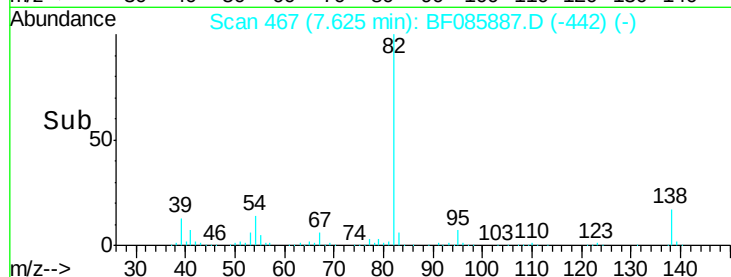
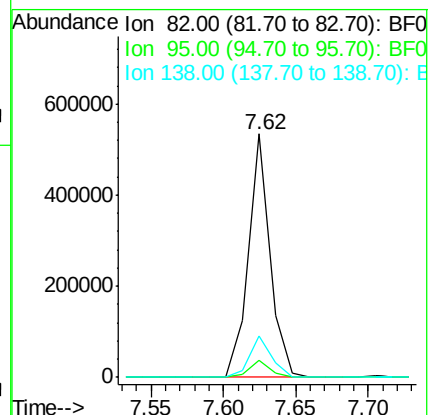
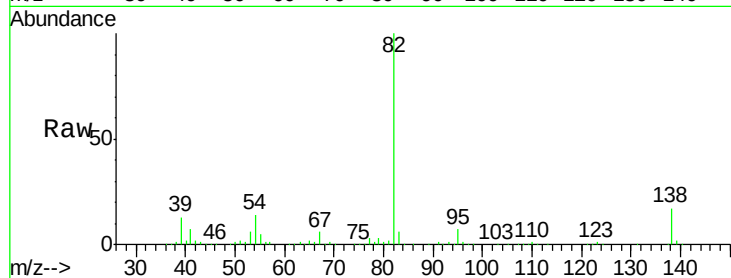
Tgt Ion: 82 Resp: 555159

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.1 12.9 19.3



#26

2-Nitrophenol

Concen: 42.93 ng

RT: 7.70 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

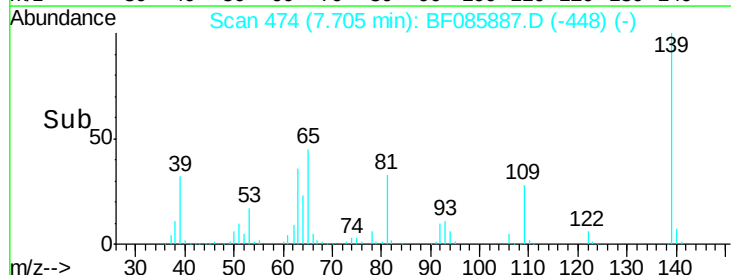
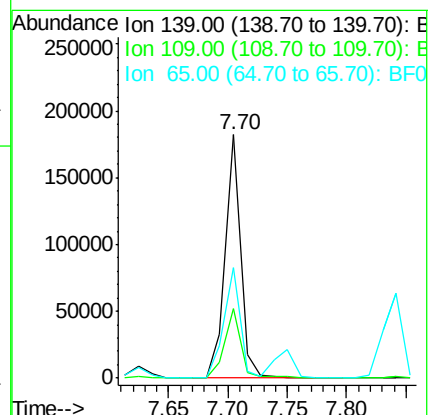
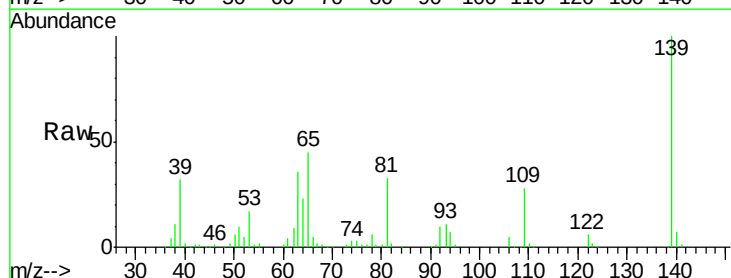
Tgt Ion: 139 Resp: 162953

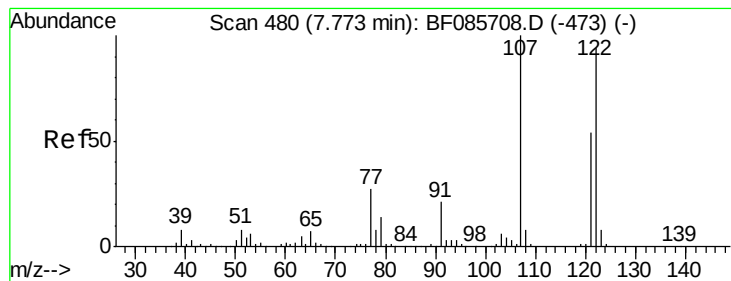
Ion Ratio Lower Upper

139 100

109 28.4 22.1 33.1

65 45.2 33.9 50.9

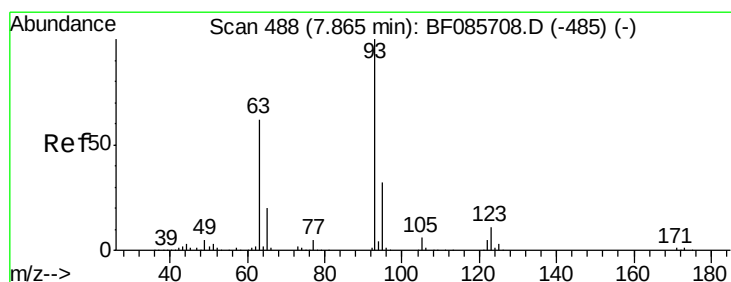
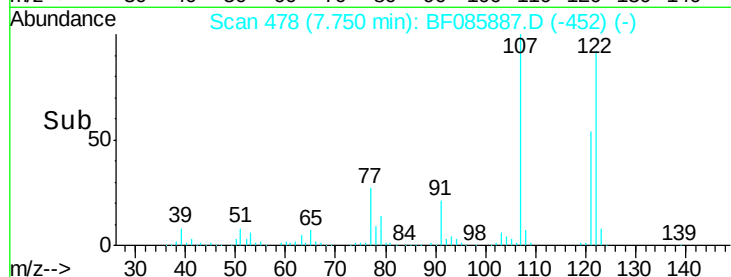
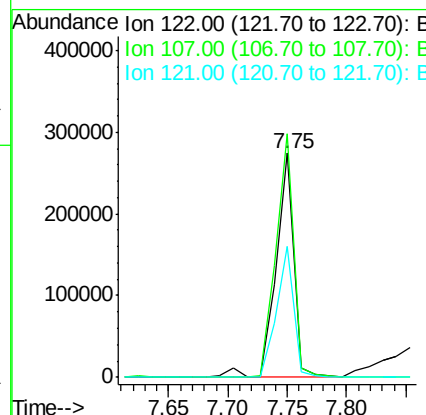
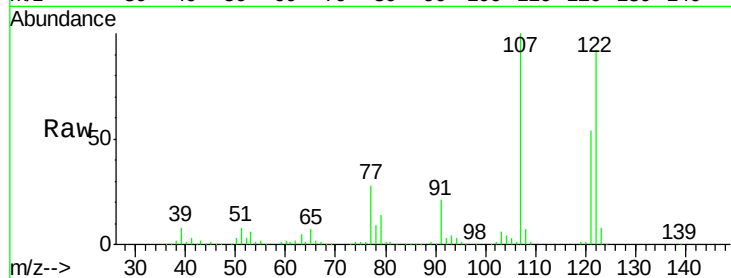




#27
 2,4-Dimethylphenol
 Concen: 43.55 ng
 RT: 7.75 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

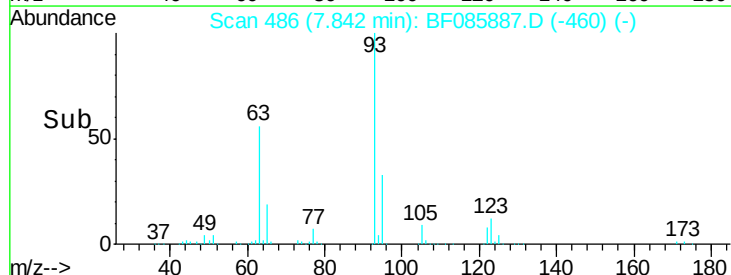
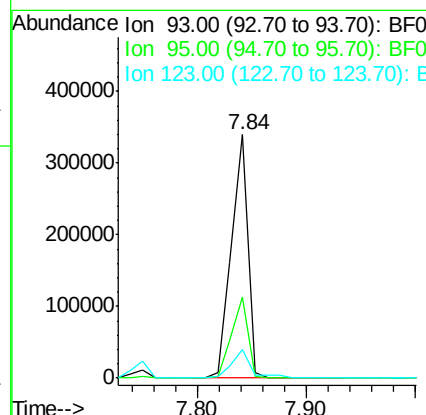
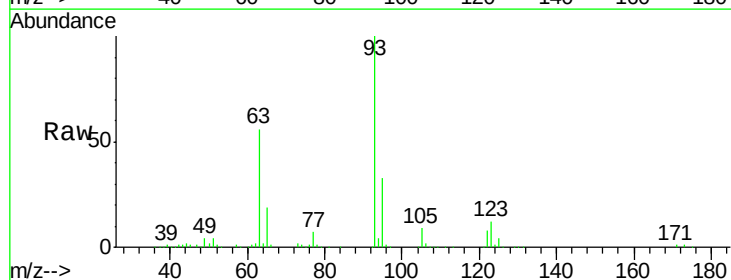
Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

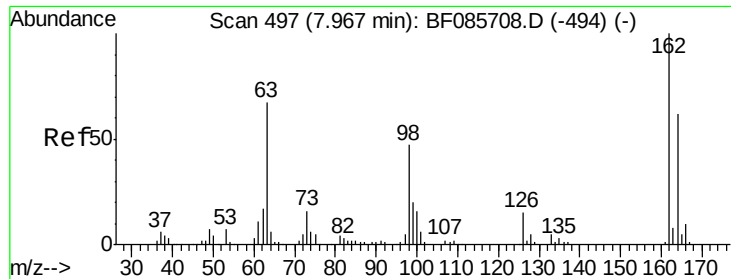
Tgt Ion: 122 Resp: 288903
 Ion Ratio Lower Upper
 122 100
 107 108.6 93.0 139.6
 121 58.4 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.07 ng
 RT: 7.84 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion: 93 Resp: 355985
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.4 39.6
 123 11.7 9.8 14.6

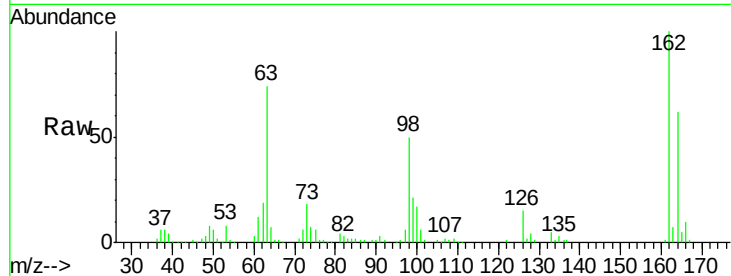




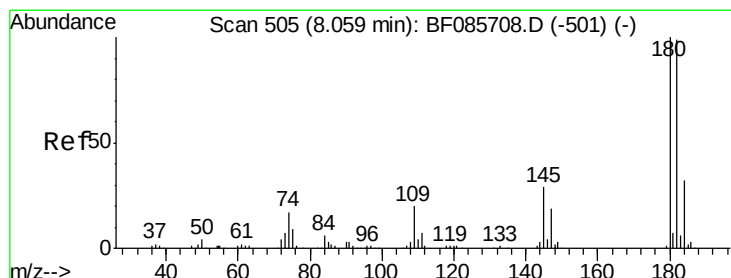
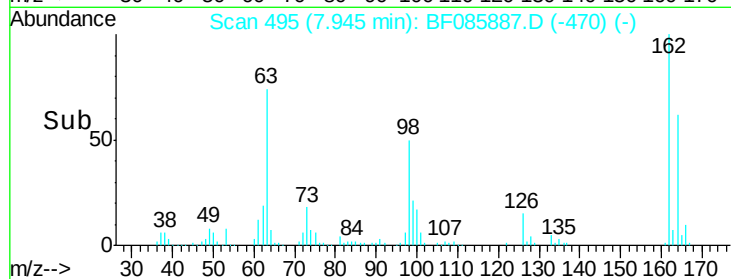
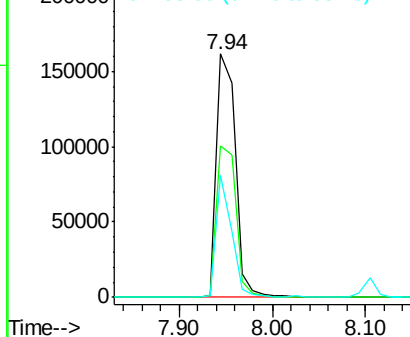
#29
2,4-Dichlorophenol
Concen: 40.74 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Tgt Ion:162 Resp: 227207
Ion Ratio Lower Upper
162 100
164 62.3 43.7 83.7
98 50.0 20.4 60.4

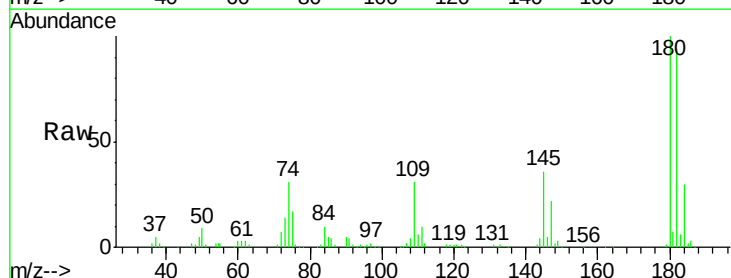


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

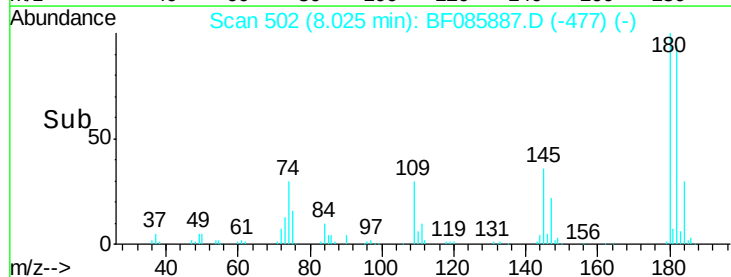
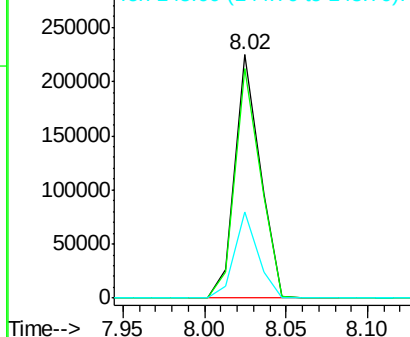


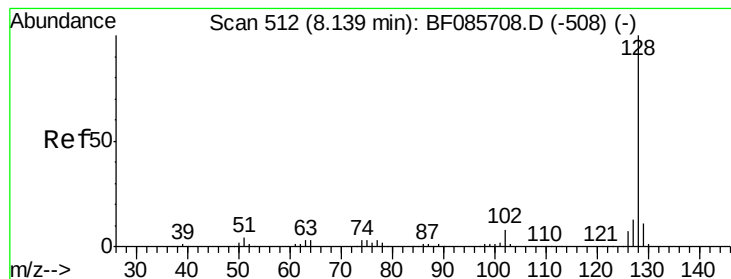
#30
1,2,4-Trichlorobenzene
Concen: 38.59 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion:180 Resp: 238904
Ion Ratio Lower Upper
180 100
182 94.2 73.8 110.8
145 35.6 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: 38.49 ng

RT: 8.10 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

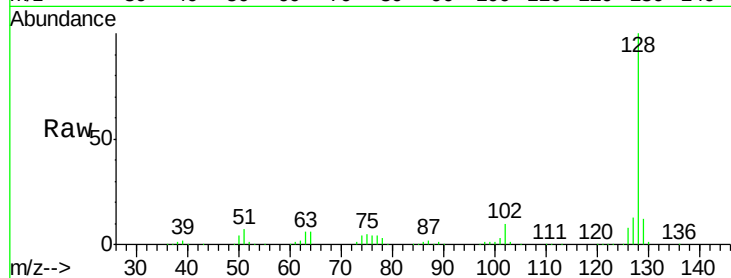
Tgt Ion:128 Resp: 803816

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

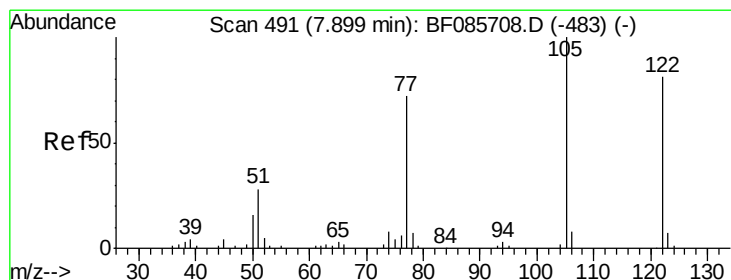
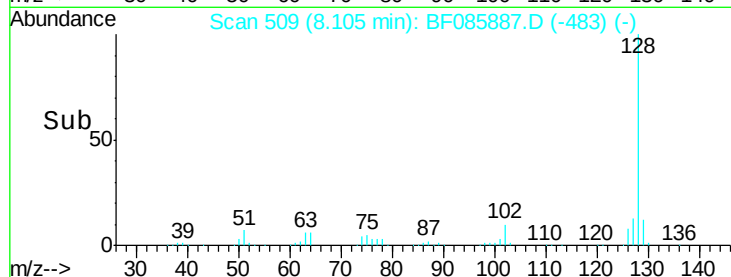
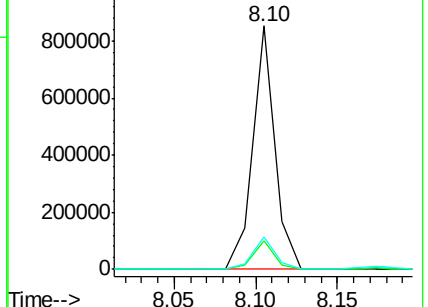
127 13.5 11.0 16.6



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: 34.96 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

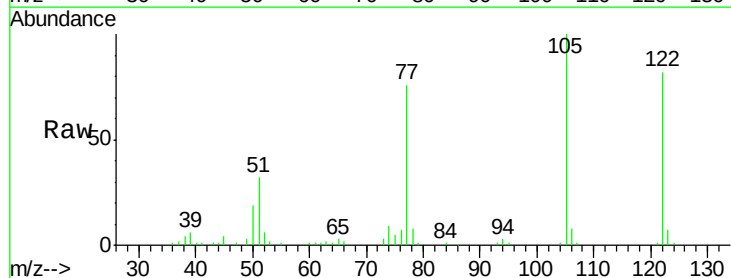
Tgt Ion:122 Resp: 154015

Ion Ratio Lower Upper

122 100

105 122.0 102.9 142.9

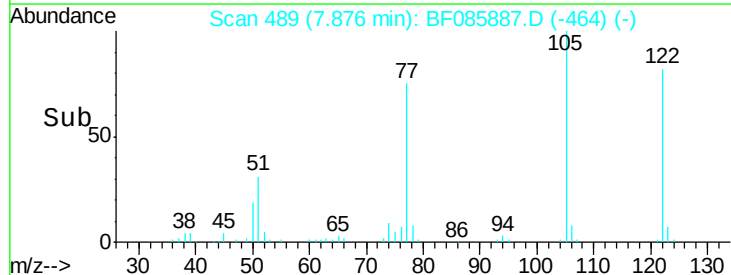
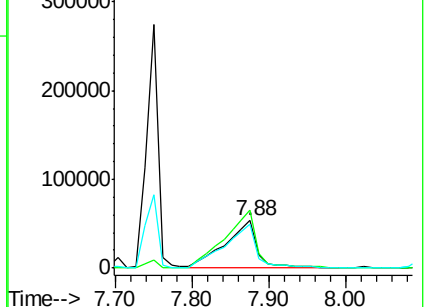
77 92.4 71.8 111.8

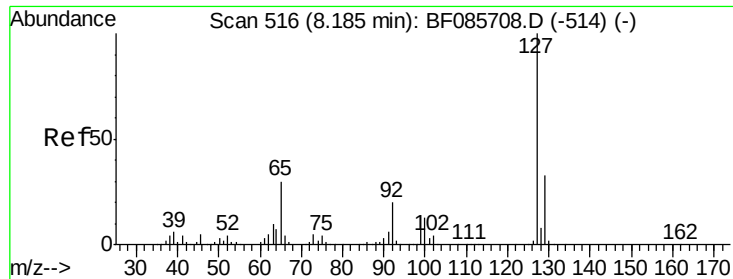


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

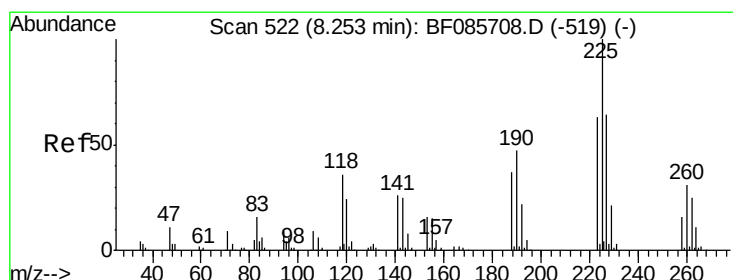
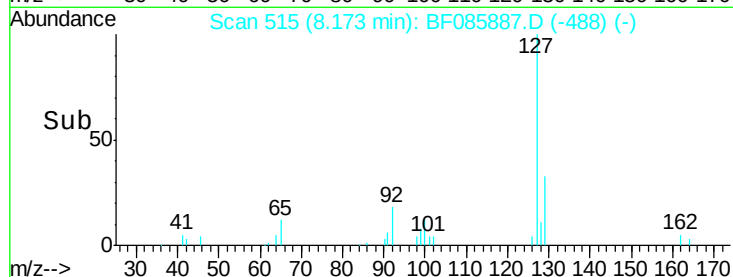
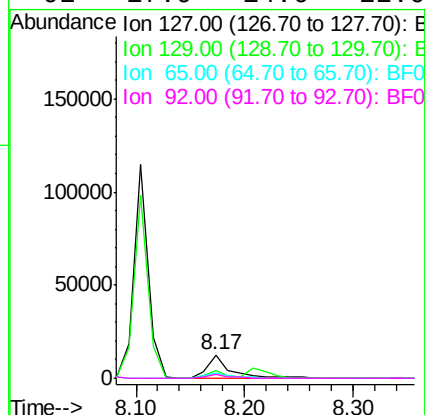
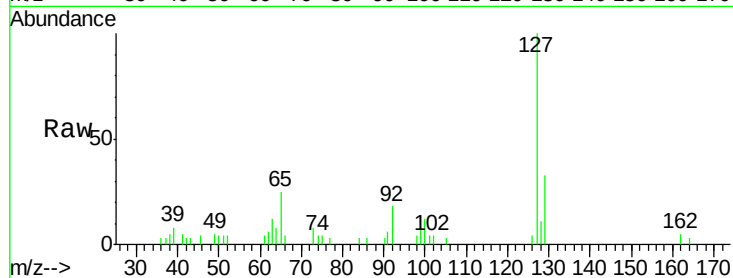




#33
 4-Chloroaniline
 Concen: 2.16 ng
 RT: 8.17 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

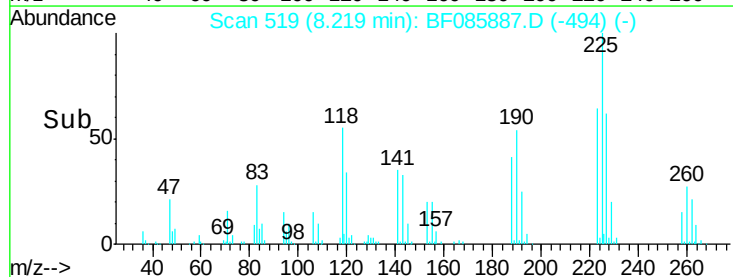
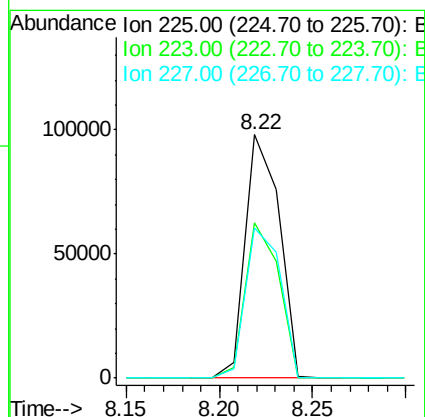
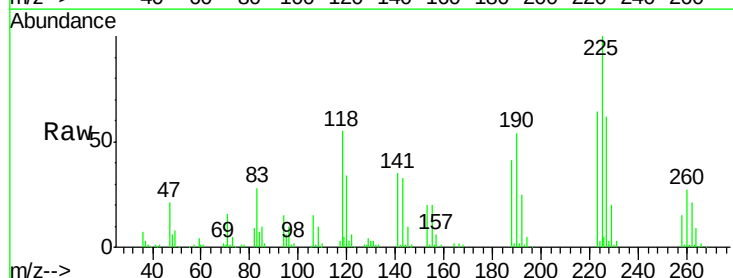
Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

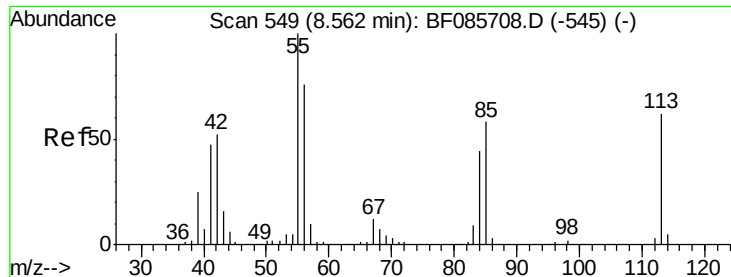
Tgt Ion:	127	Resp:	18426
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	24.9	19.5	29.3
92	17.9	14.6	22.0



#34
 Hexachlorobutadiene
 Concen: 36.85 ng
 RT: 8.22 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:	225	Resp:	123994
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	61.7	51.4	77.2

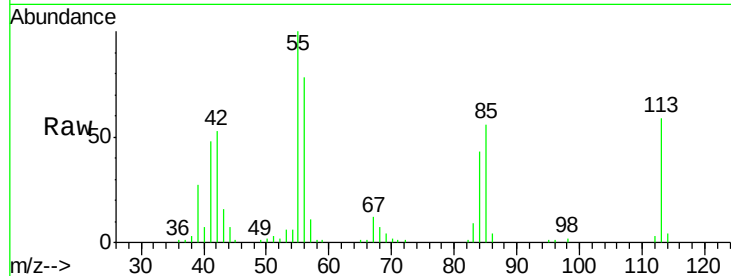




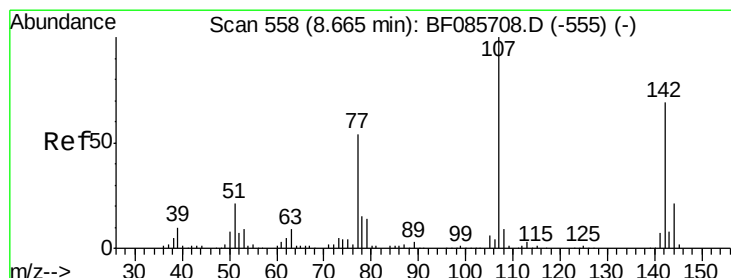
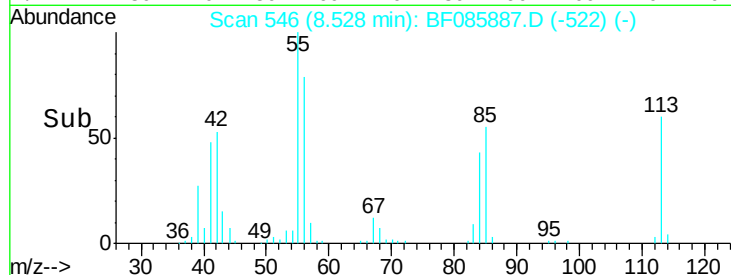
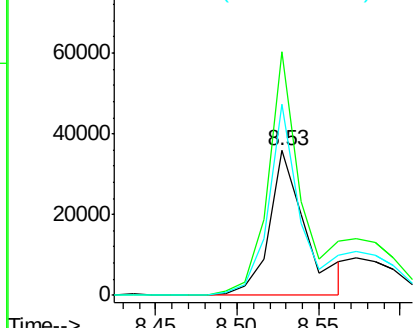
#35
 Caprolactam
 Concen: 28.20 ng
 RT: 8.53 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion:113 Resp: 55714
 Ion Ratio Lower Upper
 113 100
 55 168.4 139.4 179.4
 56 131.9 100.4 140.4

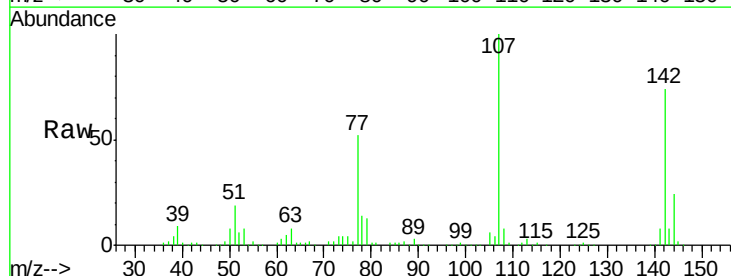


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

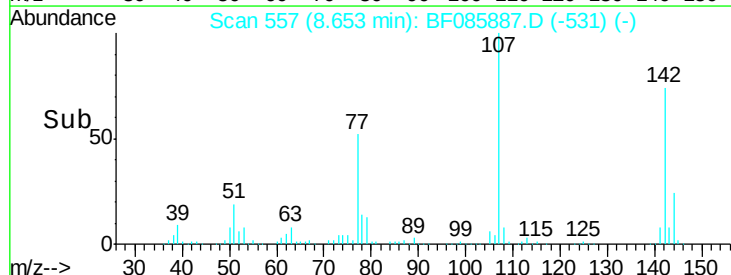
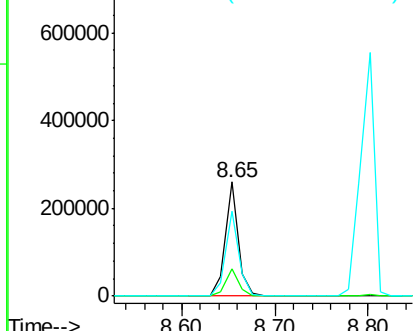


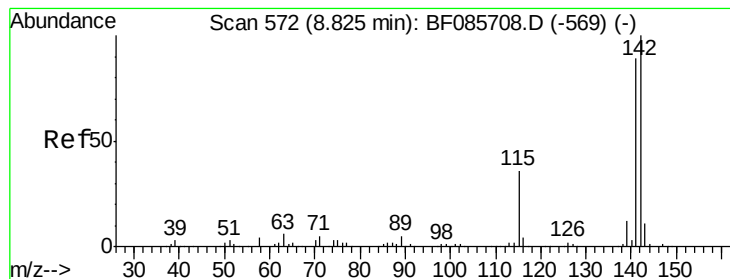
#36
 4-Chloro-3-methylphenol
 Concen: 38.76 ng
 RT: 8.65 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:107 Resp: 252523
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 74.0 61.4 92.0



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





#37

2-Methylnaphthalene

Concen: 48.21 ng

RT: 8.80 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

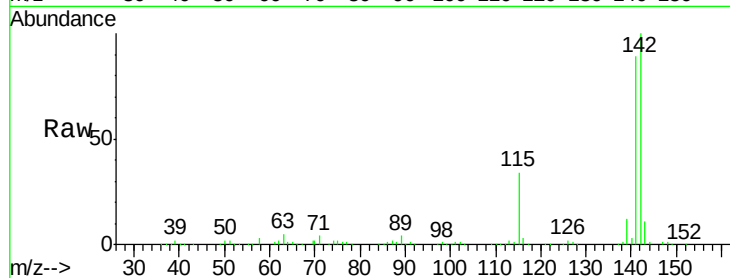
Tgt Ion:142 Resp: 576965

Ion Ratio Lower Upper

142 100

141 89.3 71.6 107.4

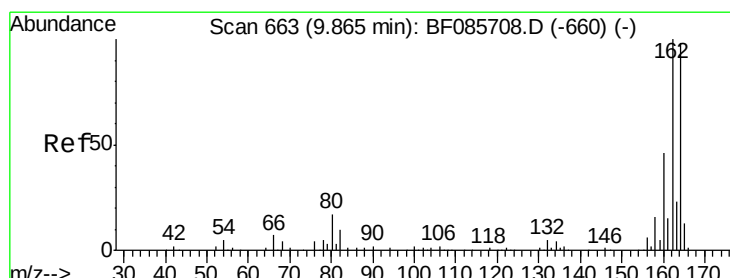
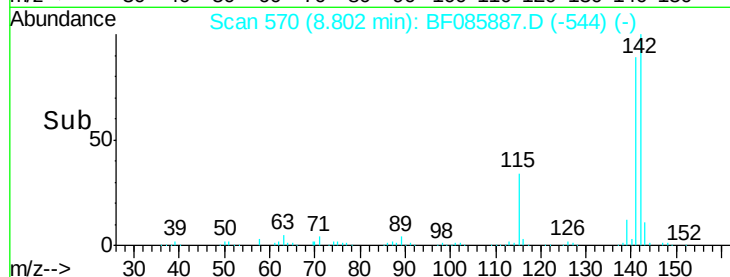
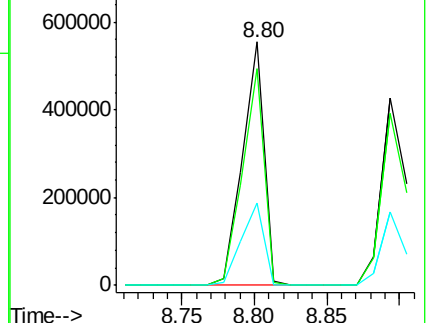
115 33.8 26.8 40.2



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: 9.84 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

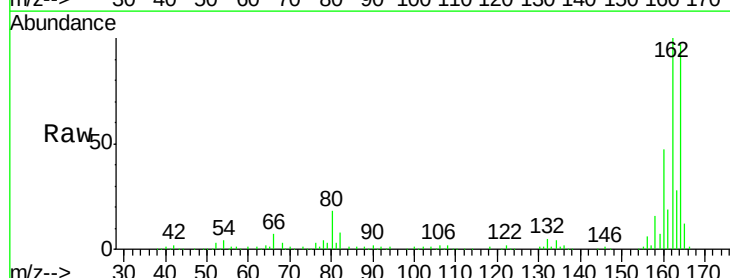
Tgt Ion:164 Resp: 195963

Ion Ratio Lower Upper

164 100

162 103.0 82.1 123.1

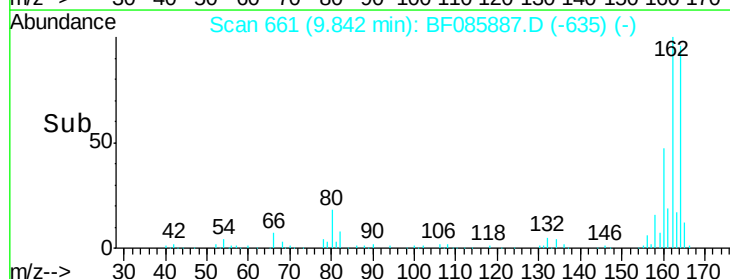
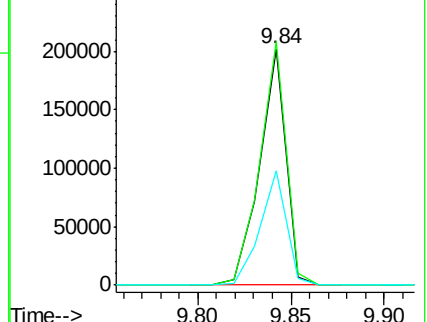
160 48.1 37.4 56.2

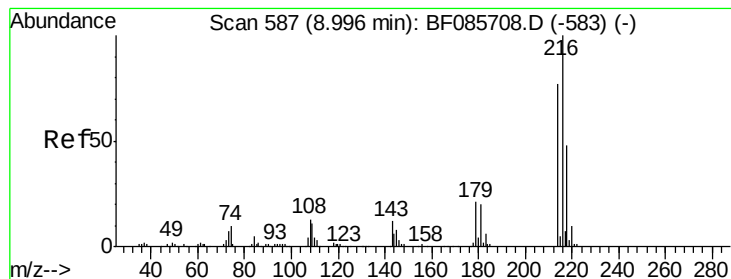


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.09 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

Tgt Ion:216 Resp: 221372

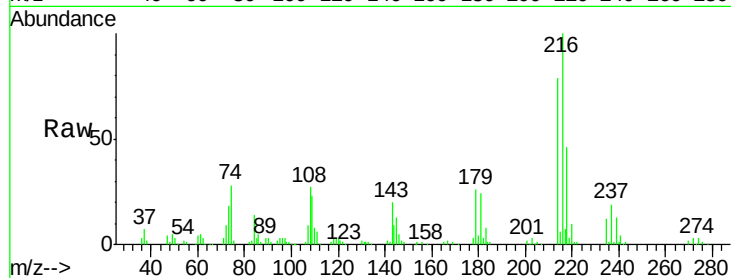
Ion Ratio Lower Upper

216 100

214 78.3 63.1 94.7

179 23.0 18.2 27.2

108 23.6 17.3 25.9

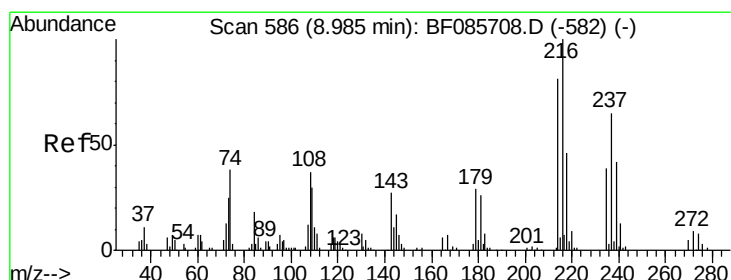
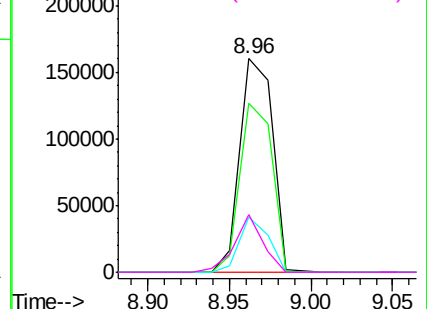
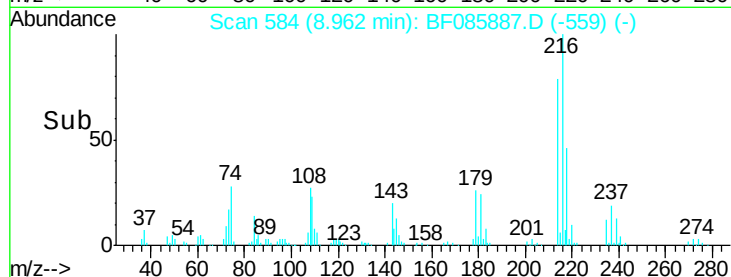


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.40 ng

RT: 8.95 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

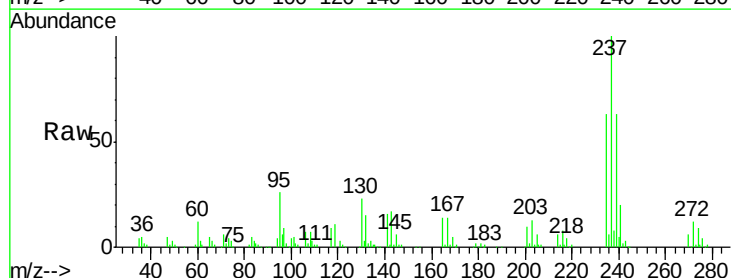
Tgt Ion:237 Resp: 178443

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

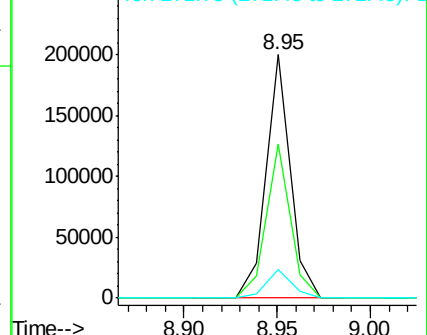
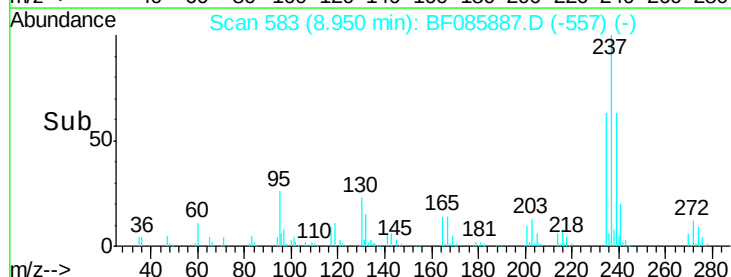
272 11.6 0.0 31.9

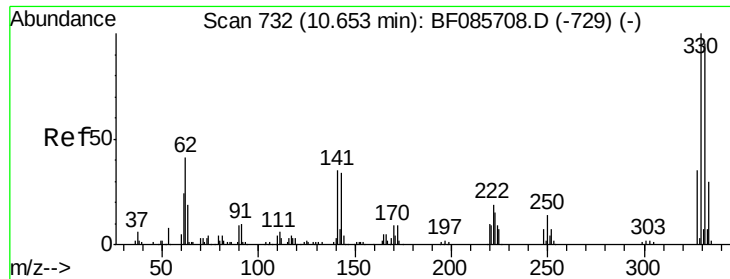


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

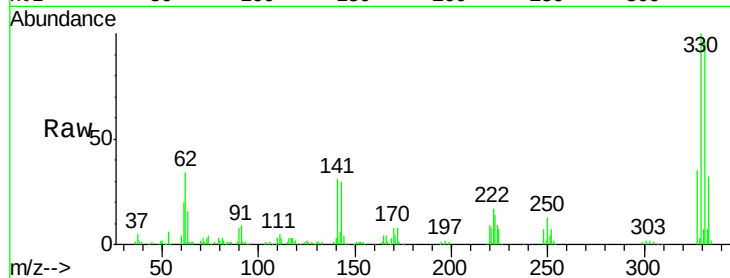




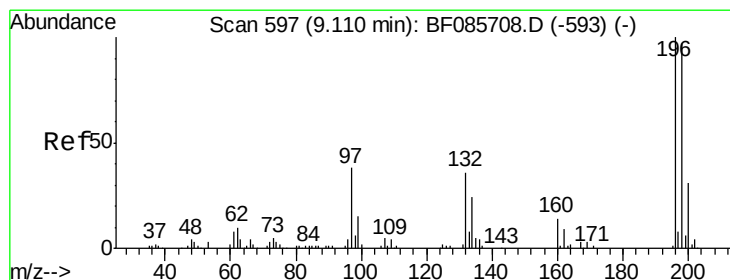
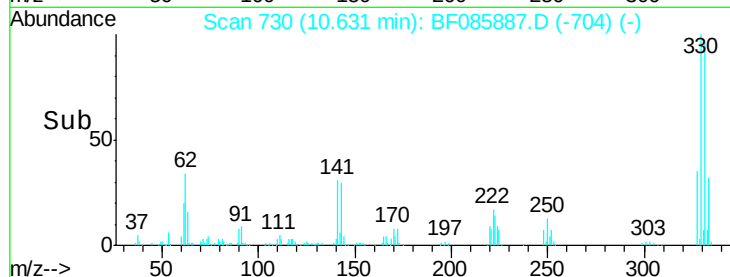
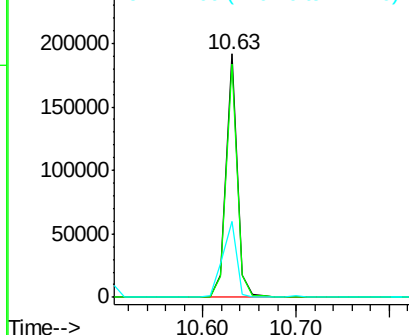
#41
 2,4,6-Tribromophenol
 Concen: 85.55 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion:330 Resp: 159278
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 39.2 31.5 47.3

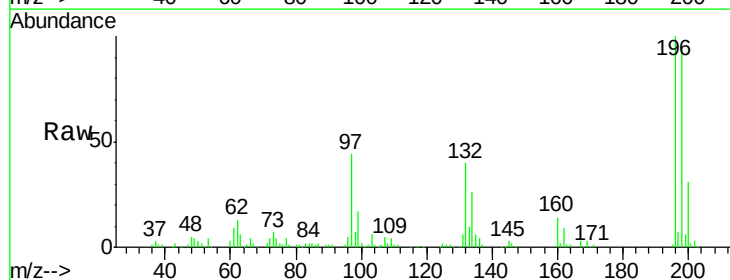


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

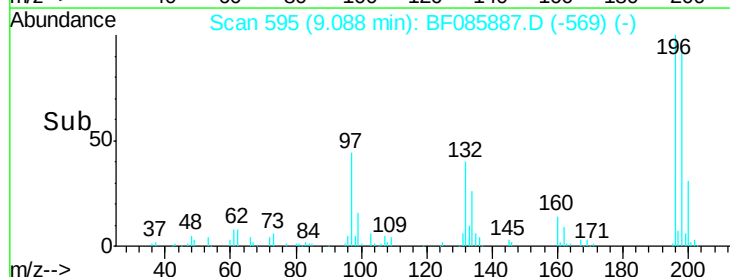
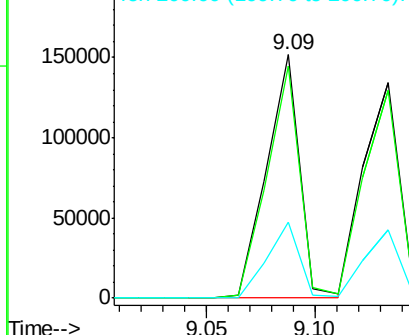


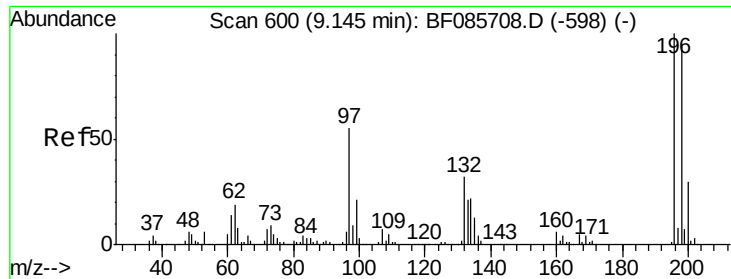
#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.09 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:196 Resp: 161602
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.3 112.9
 200 31.3 23.7 35.5



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

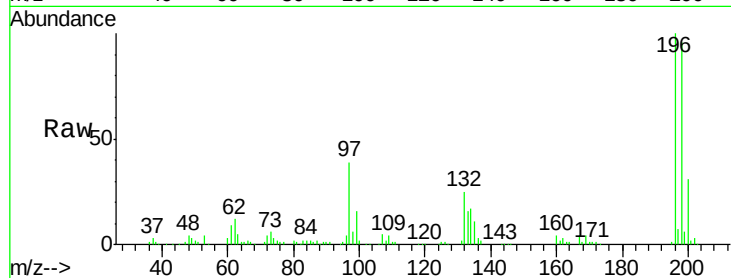




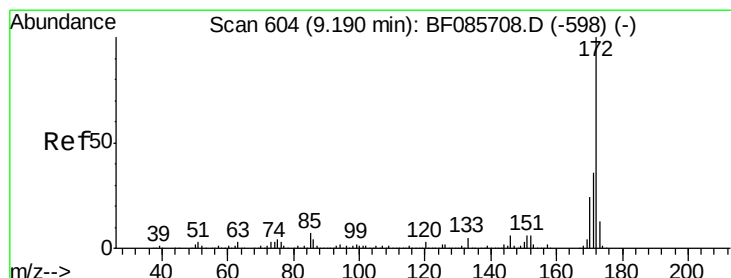
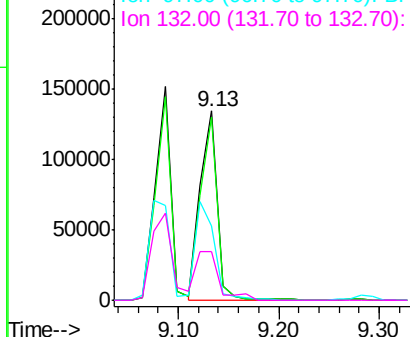
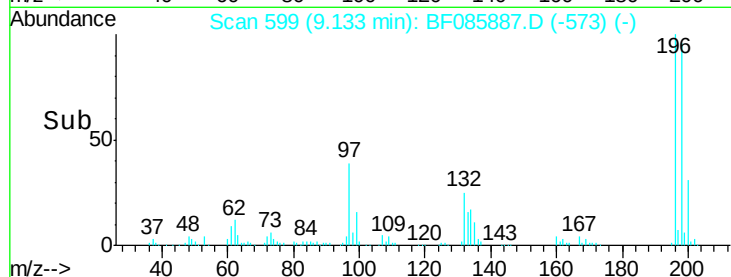
#43
 2,4,5-Trichlorophenol
 Concen: 39.12 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion:	196	Resp:	161019
Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.6	114.8
97	38.9	30.5	45.7
132	25.4	20.2	30.2

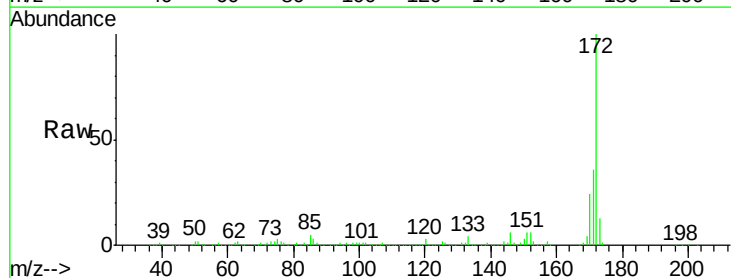


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

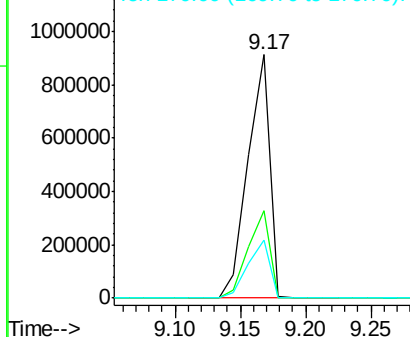
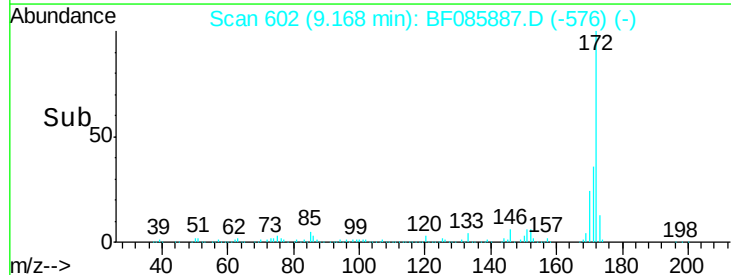


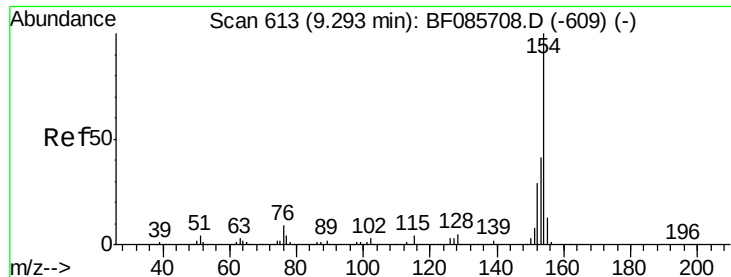
#44
 2-Fluorobiphenyl
 Concen: 90.77 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:	172	Resp:	1064650
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.1	19.8	29.6



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





#45

1,1'-Biphenyl

Concen: 37.31 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

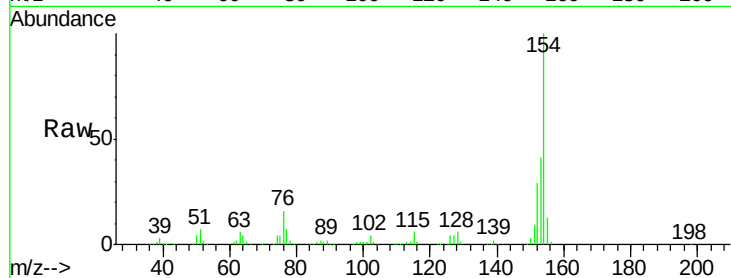
Tgt Ion:154 Resp: 616920

Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

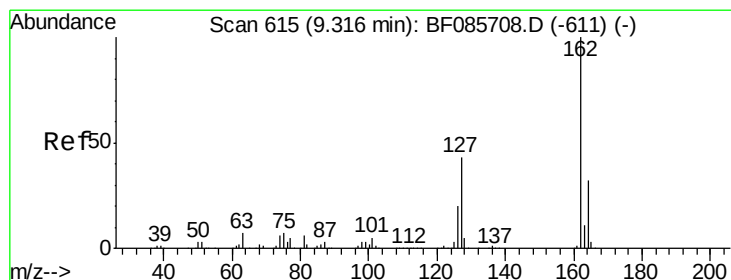
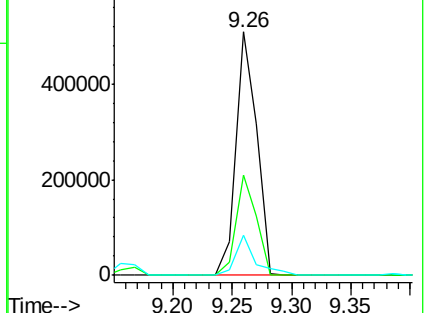
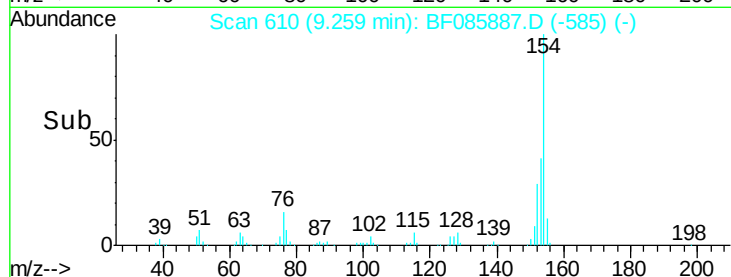
76 16.2 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.71 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

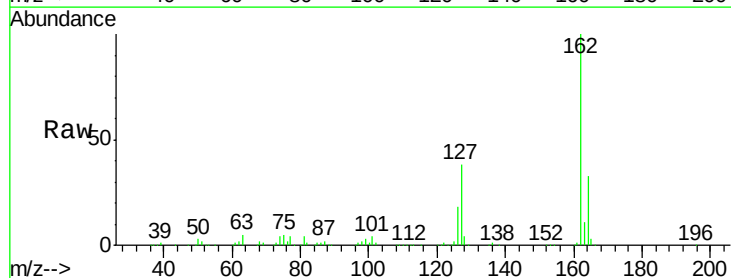
Tgt Ion:162 Resp: 494973

Ion Ratio Lower Upper

162 100

127 38.1 31.7 47.5

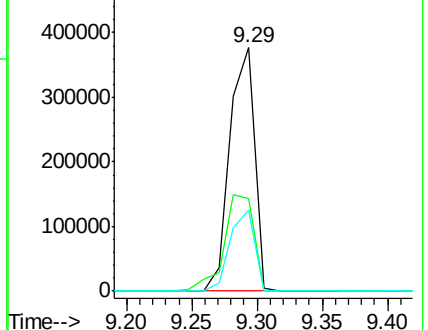
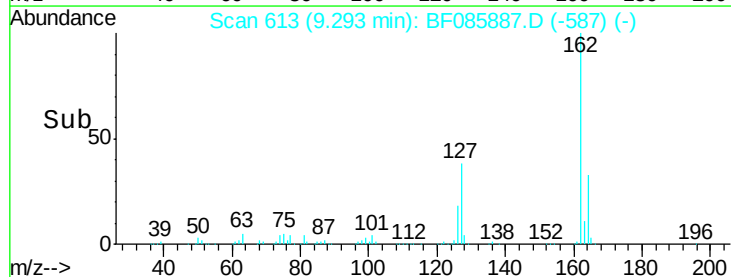
164 33.3 27.3 40.9

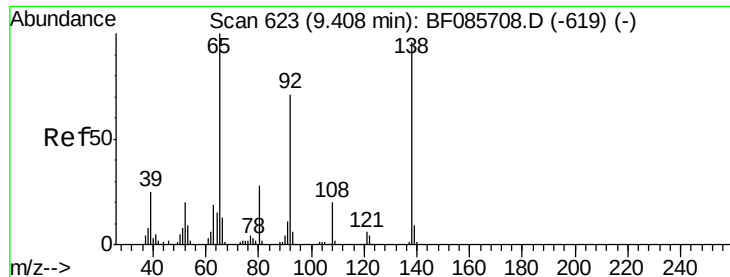


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

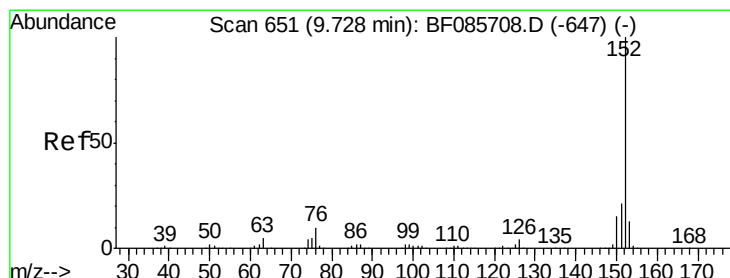
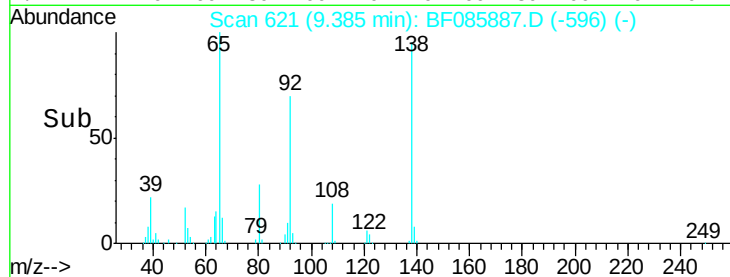
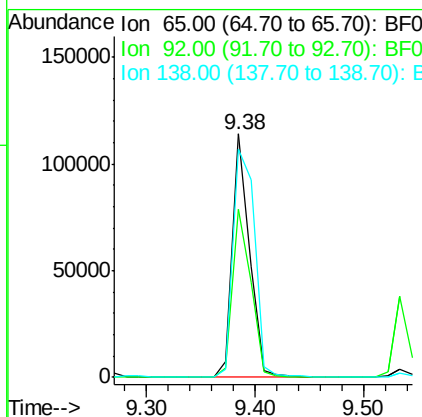
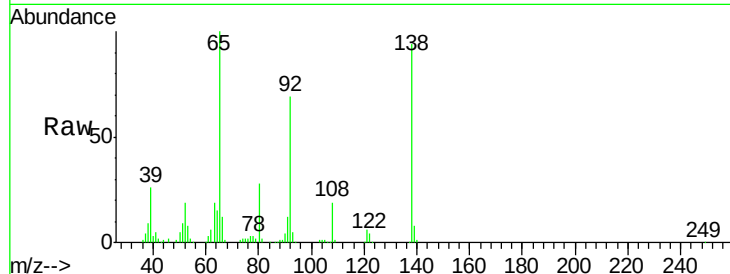




#47
2-Nitroaniline
Concen: 33.09 ng
RT: 9.38 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

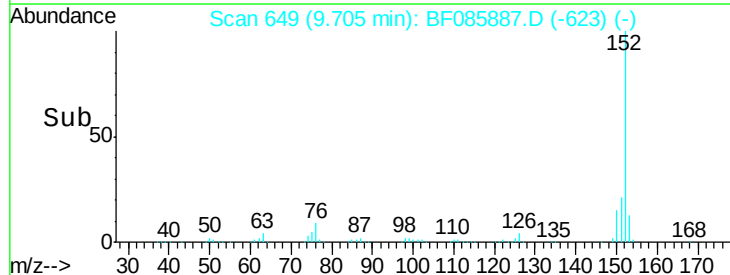
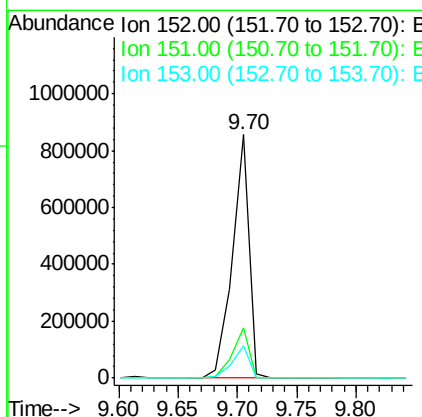
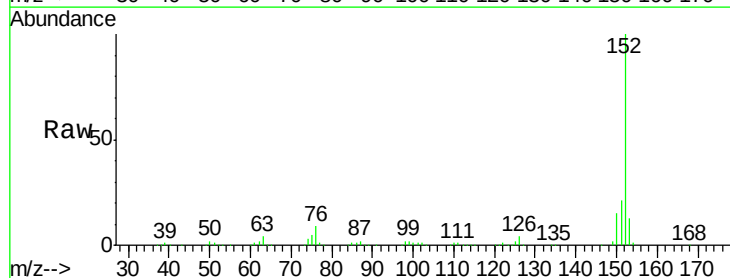
Instrument :
BNA_F
ClientSampleId :
PB89280BSD

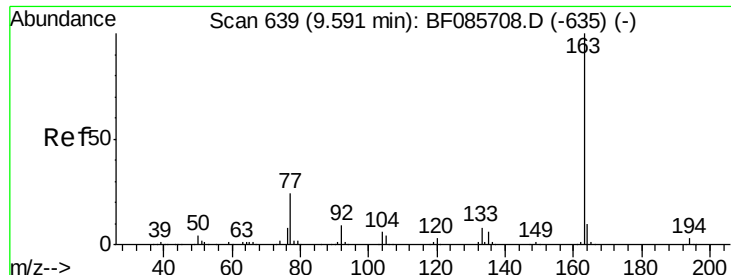
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	59.7	89.5
138	93.6	91.4	137.0



#48
Acenaphthylene
Concen: 42.10 ng
RT: 9.70 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.4	10.9	16.3

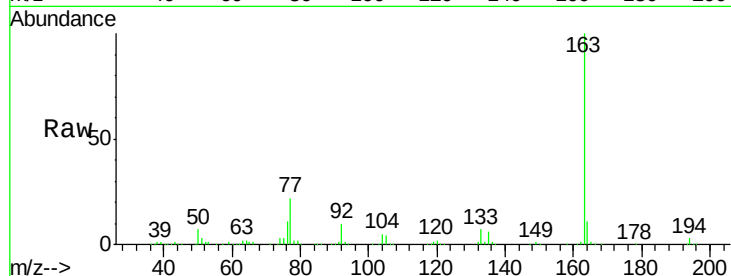




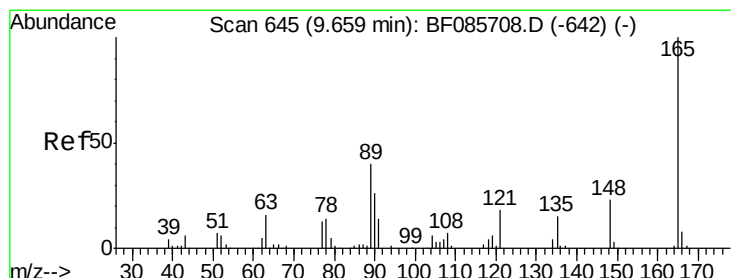
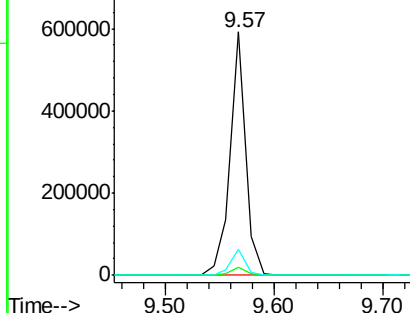
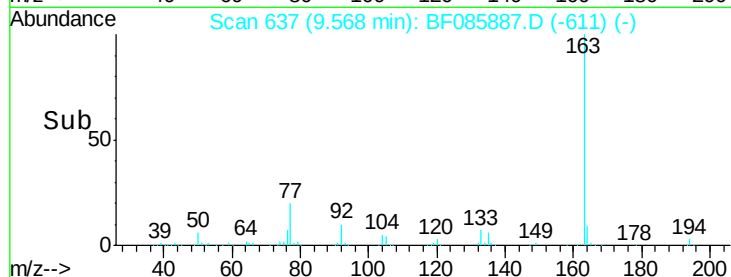
#49
Dimethylphthalate
Concen: 39.29 ng
RT: 9.57 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.5	8.3	12.5

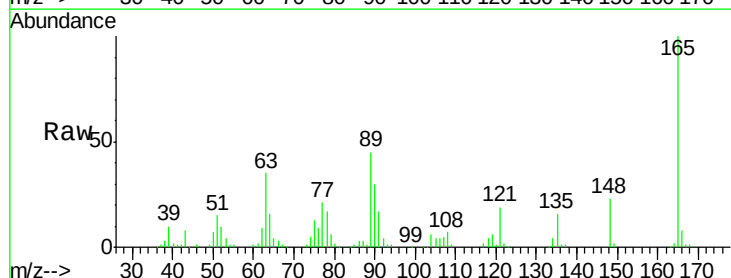


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

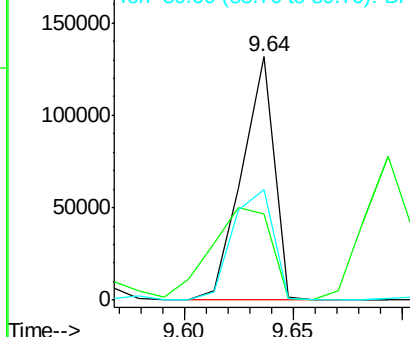
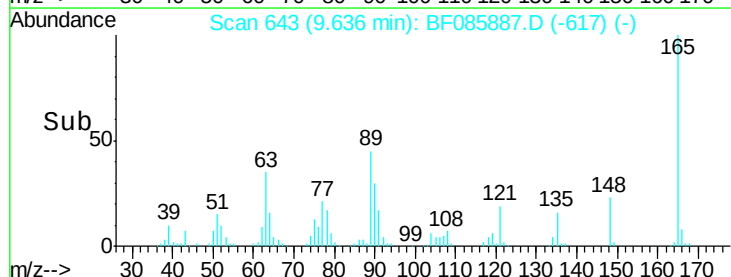


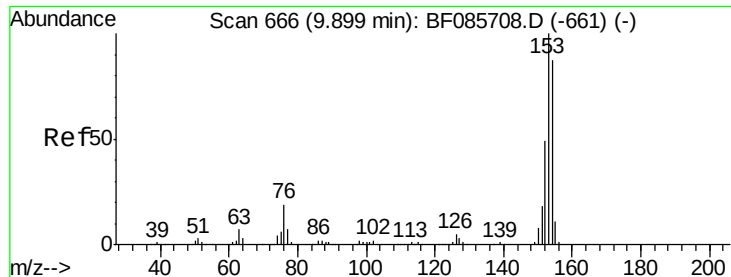
#50
2,6-Dinitrotoluene
Concen: 42.55 ng
RT: 9.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.2	51.8	77.8#
89	45.4	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: 40.59 ng

RT: 9.88 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

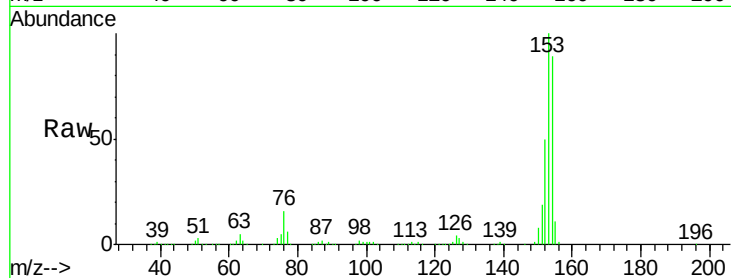
Tgt Ion:154 Resp: 491240

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

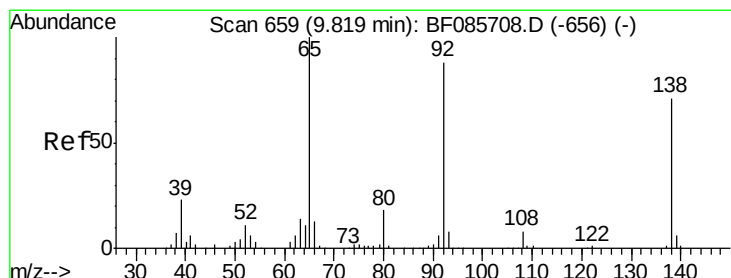
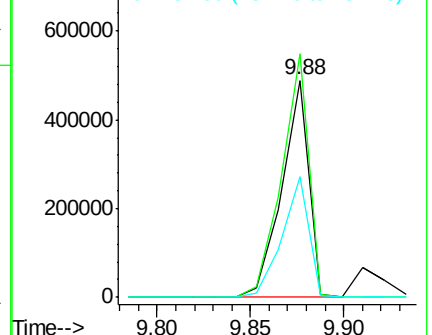
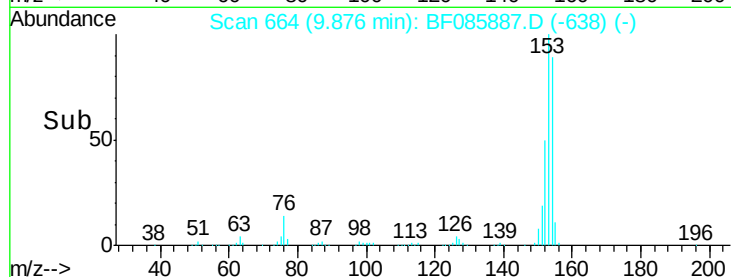
152 55.7 44.2 66.2



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: 4.65 ng

RT: 9.81 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

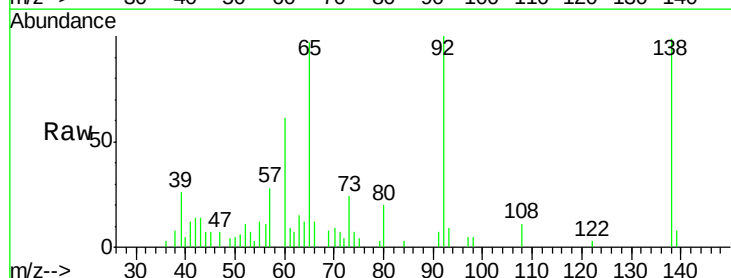
Tgt Ion:138 Resp: 17021

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

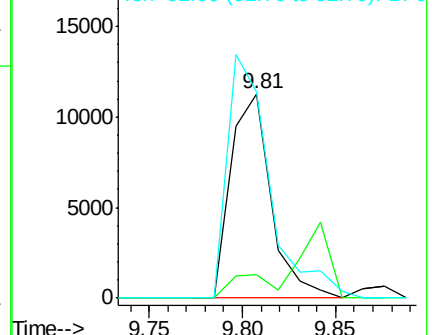
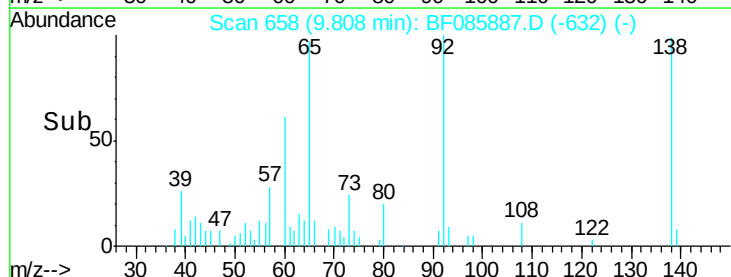
92 101.0 93.3 139.9

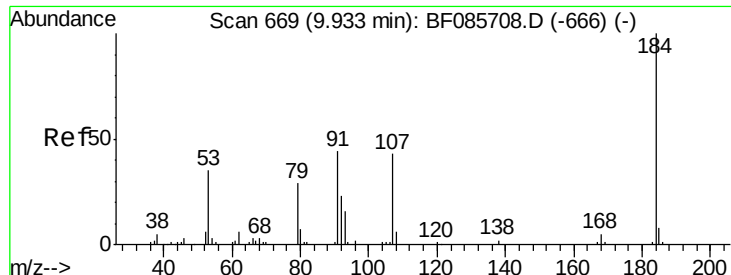


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

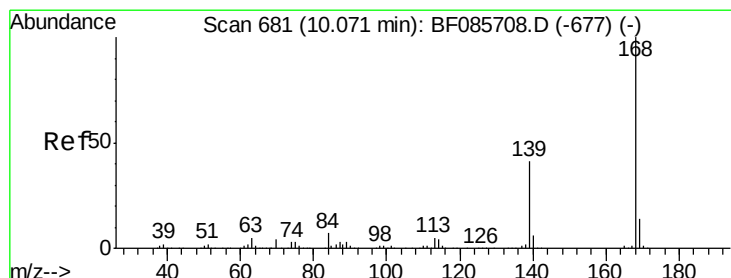
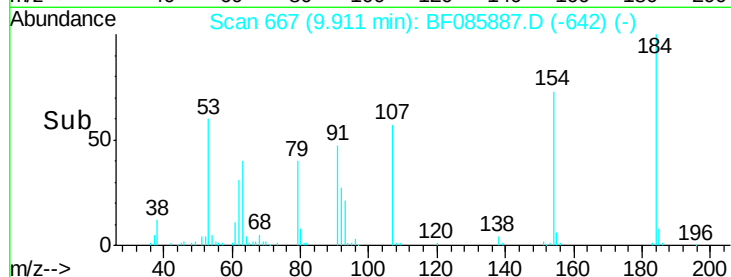
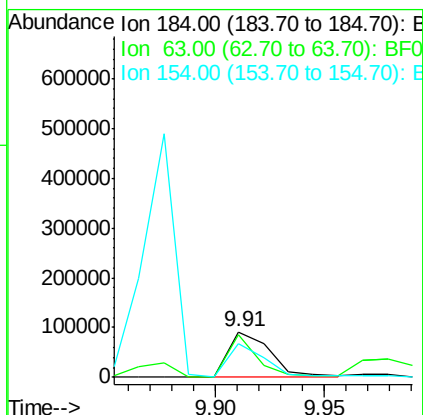
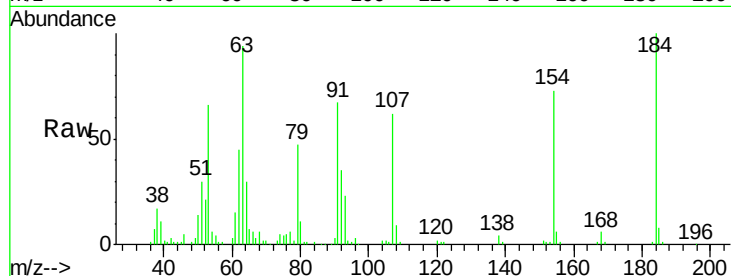




#53
2,4-Dinitrophenol
Concen: 75.82 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

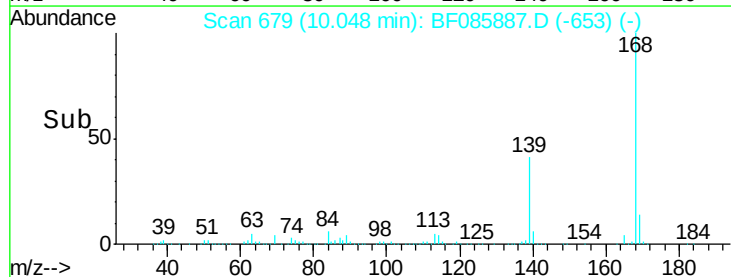
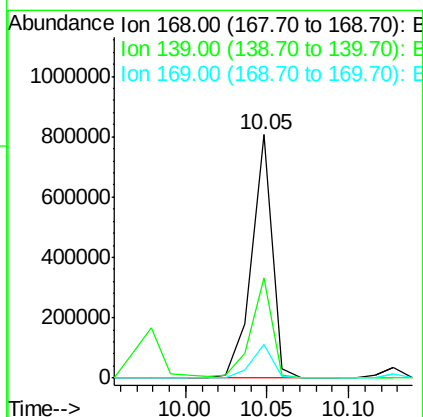
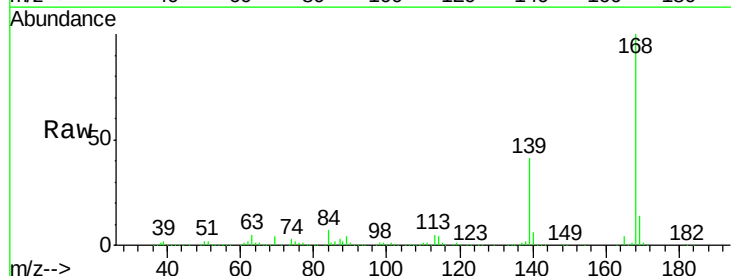
Instrument :
BNA_F
ClientSampleId :
PB89280BSD

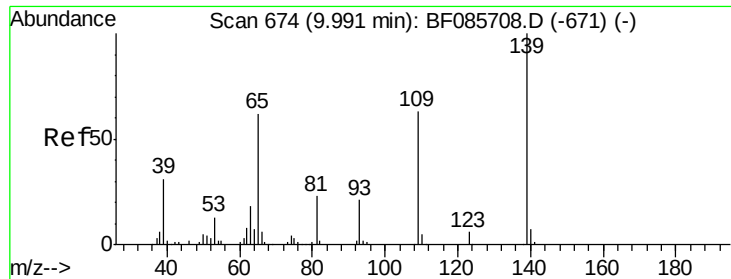
Tgt Ion:184 Resp: 122039
Ion Ratio Lower Upper
184 100
63 94.1 69.5 104.3
154 72.8 58.3 87.5



#54
Dibenzofuran
Concen: 45.18 ng
RT: 10.05 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion:168 Resp: 707638
Ion Ratio Lower Upper
168 100
139 41.1 31.9 47.9
169 13.6 11.0 16.6

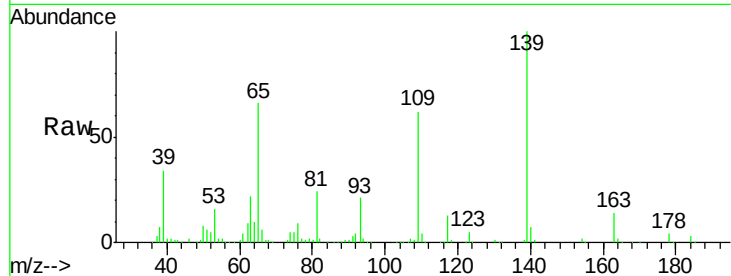




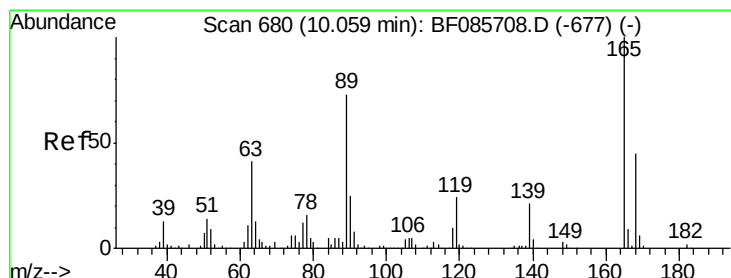
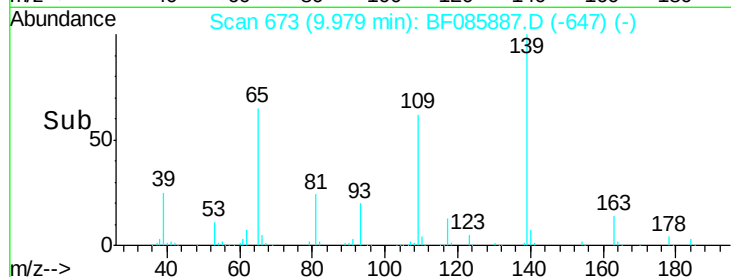
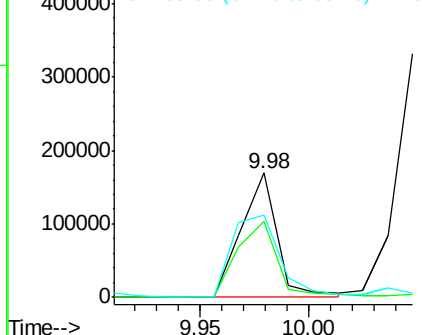
#55
4-Nitrophenol
Concen: 81.10 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Tgt Ion:139 Resp: 193530
Ion Ratio Lower Upper
139 100
109 61.7 49.2 89.2
65 65.9 66.9 106.9#

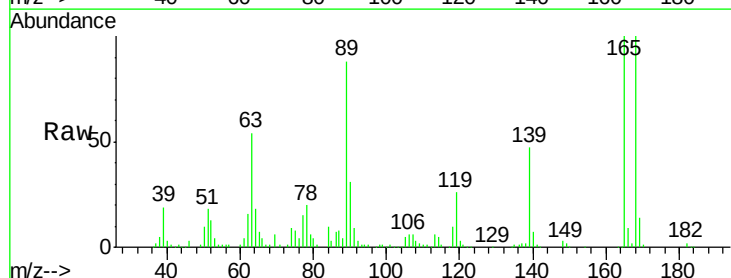


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

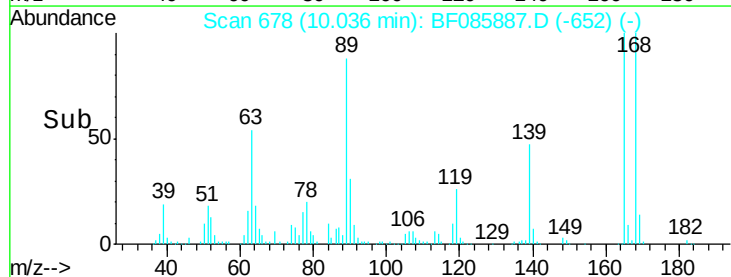
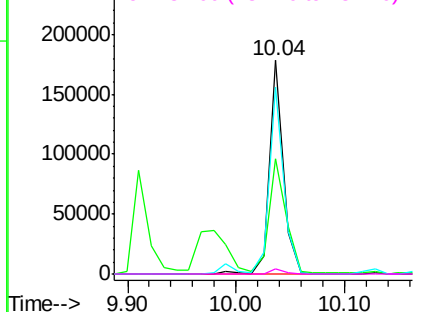


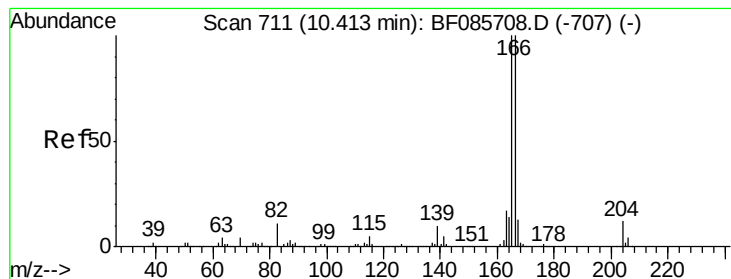
#56
2,4-Dinitrotoluene
Concen: 39.16 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion:165 Resp: 159296
Ion Ratio Lower Upper
165 100
63 54.0 24.9 37.3#
89 87.7 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: 44.24 ng

RT: 10.39 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

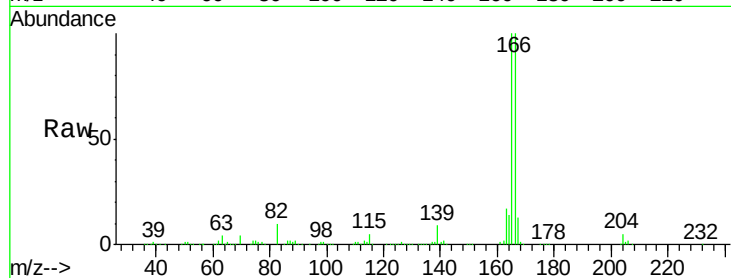
Tgt Ion:166 Resp: 575969

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

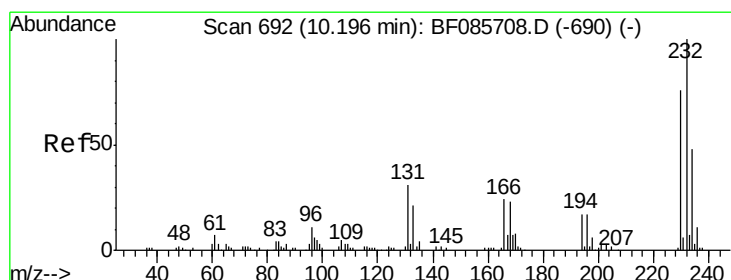
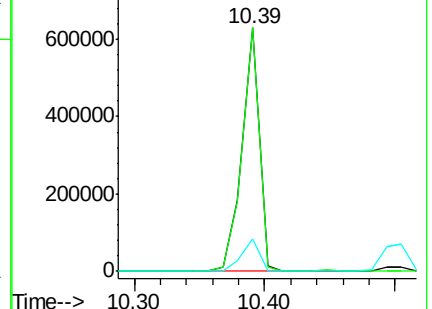
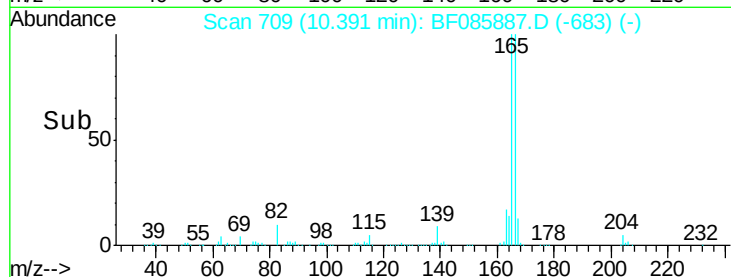
167 13.4 11.0 16.4



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: 45.70 ng

RT: 10.17 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Tgt Ion:232 Resp: 130726

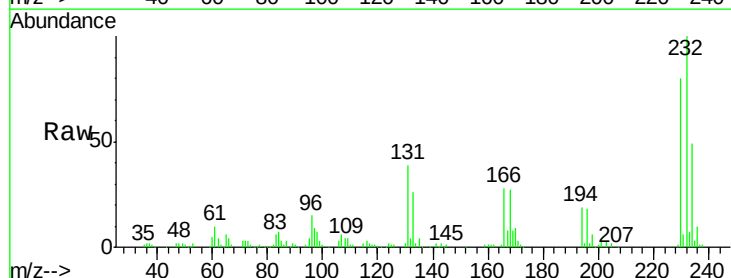
Ion Ratio Lower Upper

232 100

131 51.8 44.9 67.3

130 2.5 2.3 3.5

166 31.1 28.1 42.1

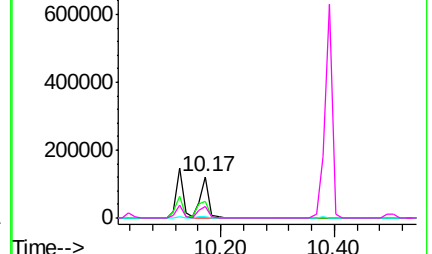
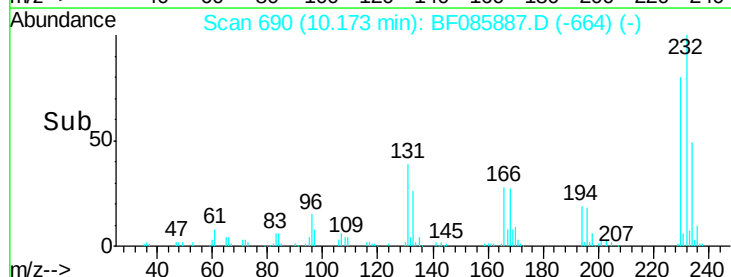


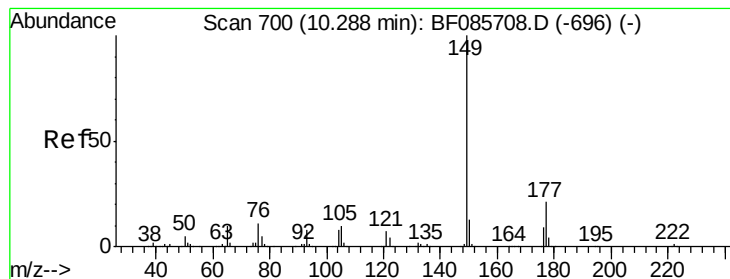
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.45 ng

RT: 10.26 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

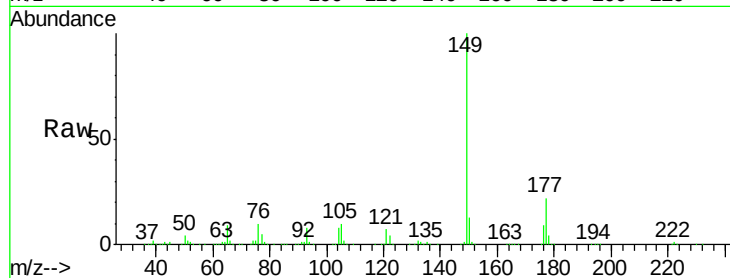
Tgt Ion:149 Resp: 579459

Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

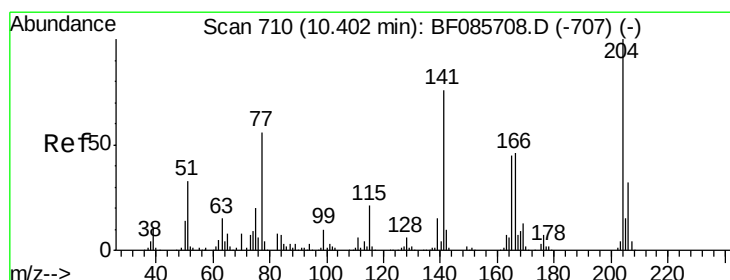
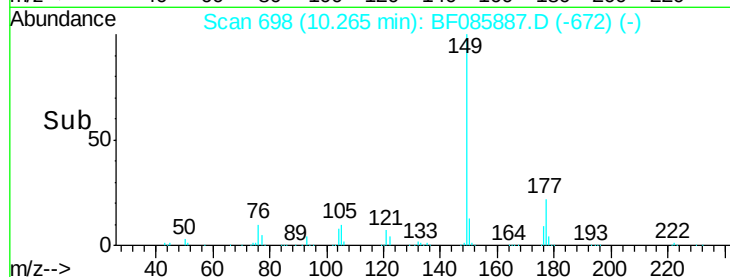
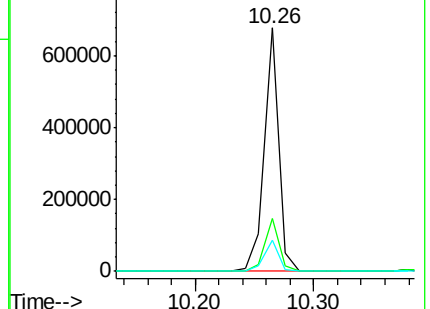
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.76 ng

RT: 10.38 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

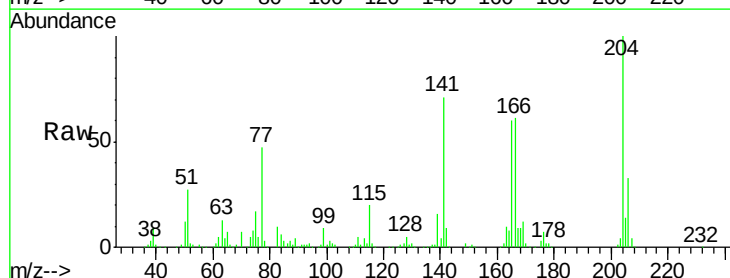
Tgt Ion:204 Resp: 246739

Ion Ratio Lower Upper

204 100

206 32.5 26.6 39.8

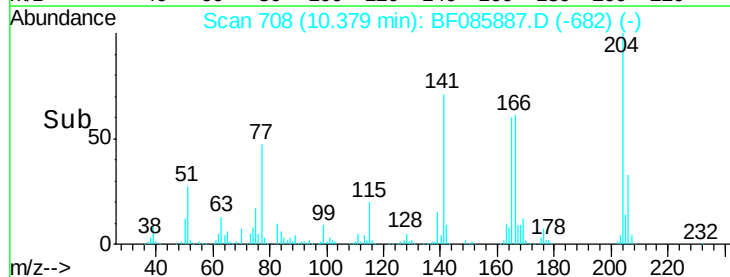
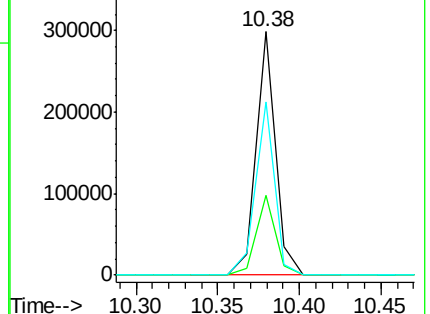
141 71.1 57.4 86.0

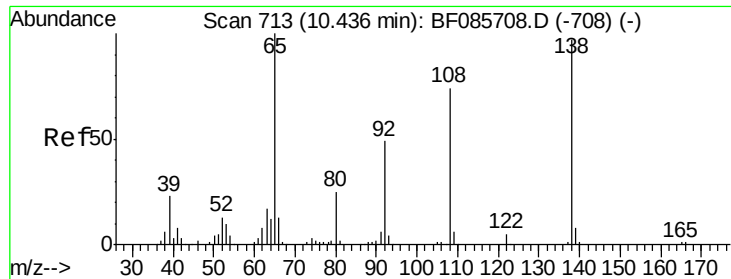


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

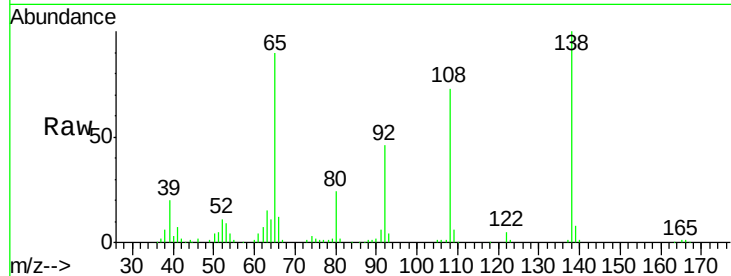




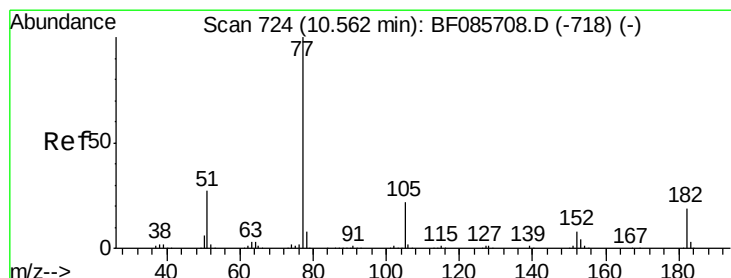
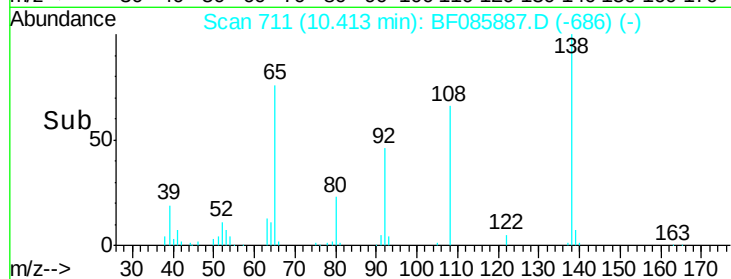
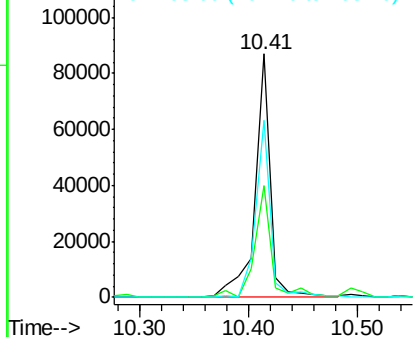
#61
4-Nitroaniline
Concen: 24.62 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Tgt Ion:138 Resp: 86249
Ion Ratio Lower Upper
138 100
92 45.9 26.4 66.4
108 72.8 49.0 89.0

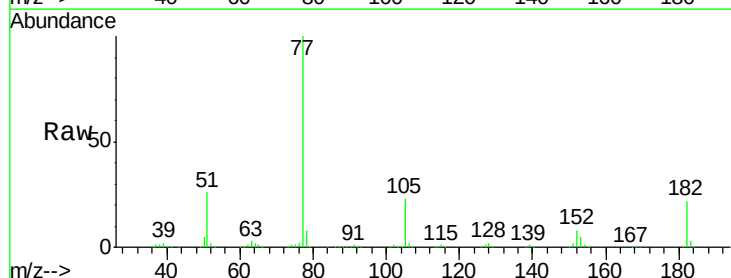


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

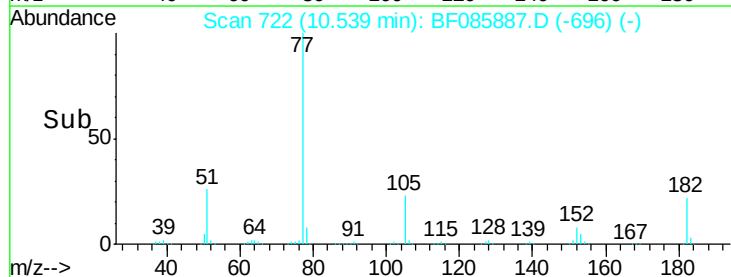
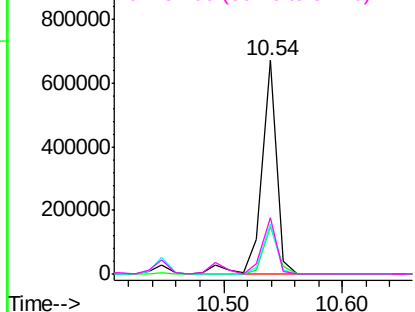


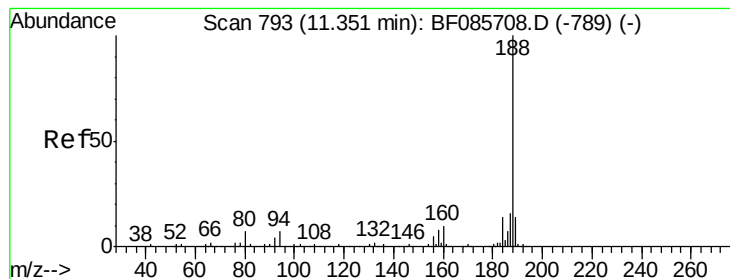
#62
Azobenzene
Concen: 42.33 ng
RT: 10.54 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion: 77 Resp: 597485
Ion Ratio Lower Upper
77 100
182 22.0 1.9 41.9
105 23.3 3.5 43.5
51 26.3 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: 11.33 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

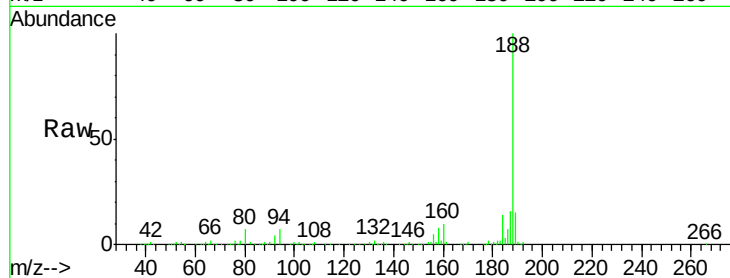
Tgt Ion:188 Resp: 363247

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.0

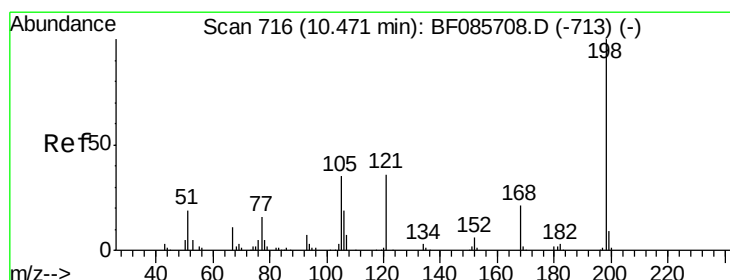
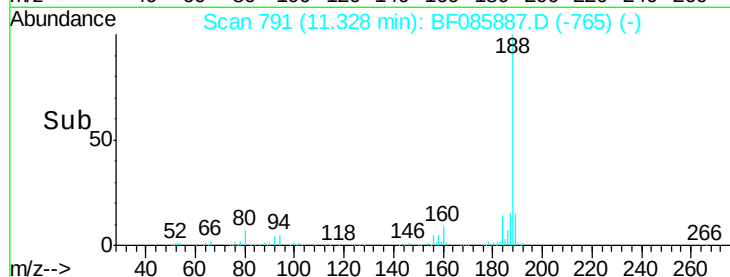
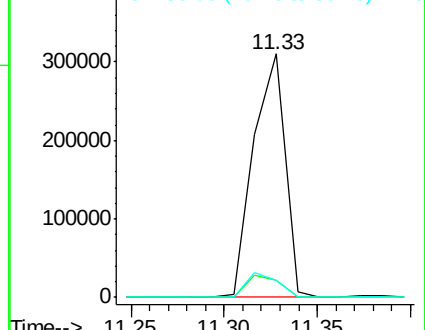
80 6.9 5.5 8.3



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: 45.64 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

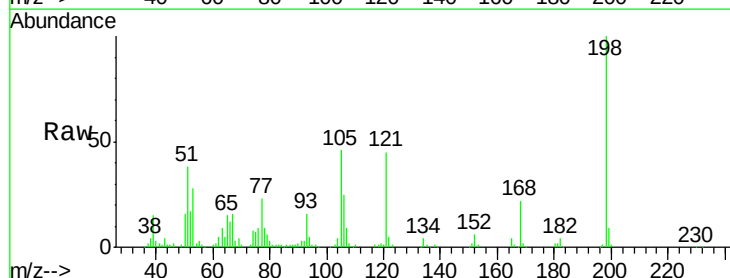
Tgt Ion:198 Resp: 97094

Ion Ratio Lower Upper

198 100

51 37.6 45.4 85.4#

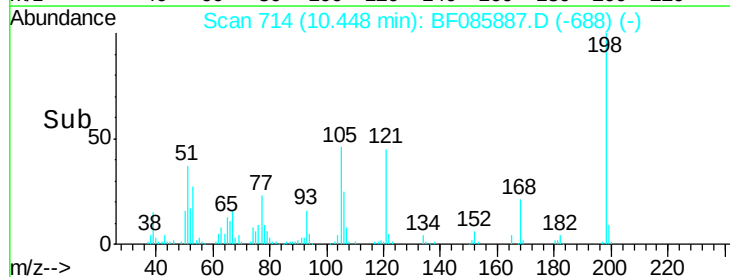
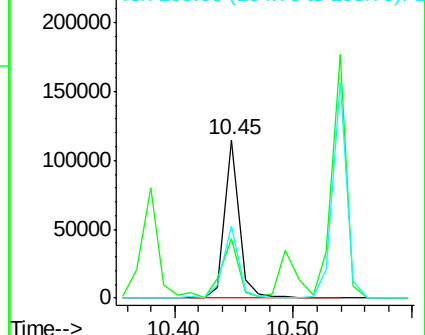
105 45.6 45.9 85.9#

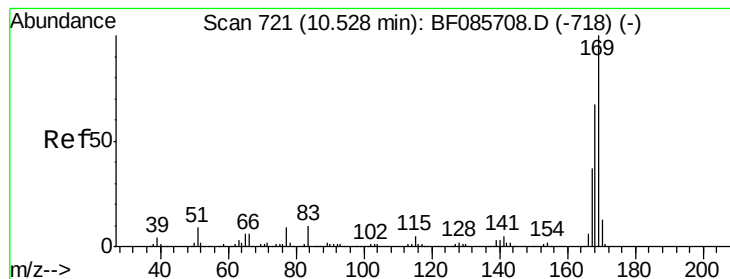


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.25 ng

RT: 10.50 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

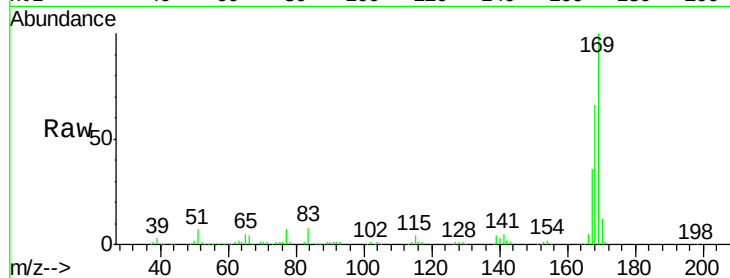
Tgt Ion:169 Resp: 267485

Ion Ratio Lower Upper

169 100

168 66.1 54.4 81.6

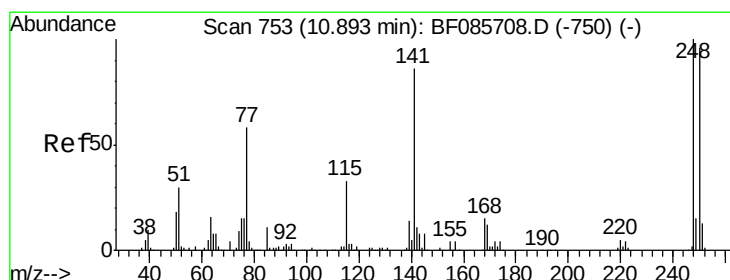
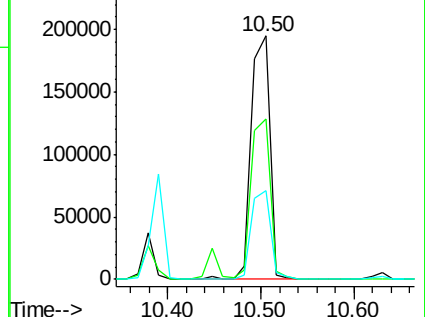
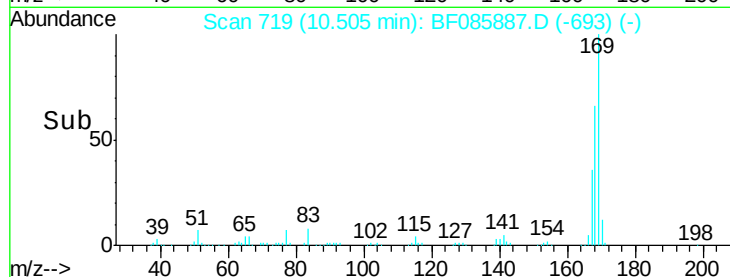
167 36.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.80 ng

RT: 10.87 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

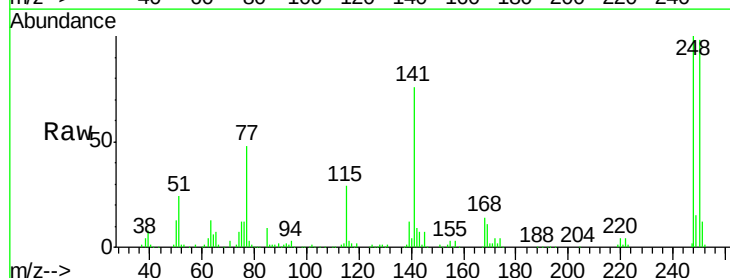
Tgt Ion:248 Resp: 159043

Ion Ratio Lower Upper

248 100

250 98.4 77.4 116.0

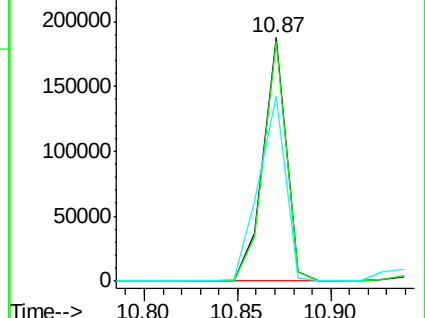
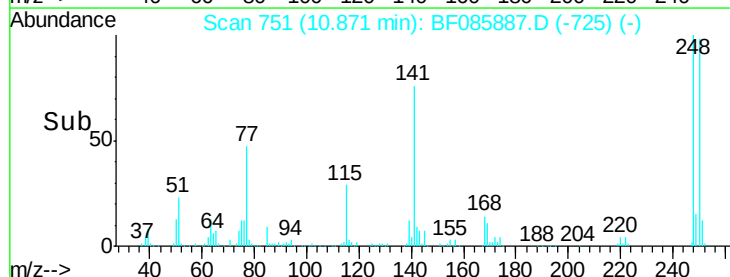
141 75.7 63.6 95.4

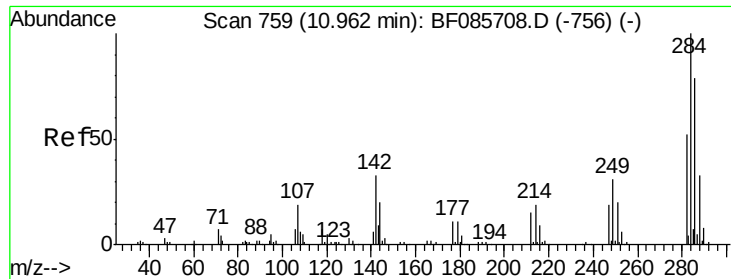


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.59 ng

RT: 10.94 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

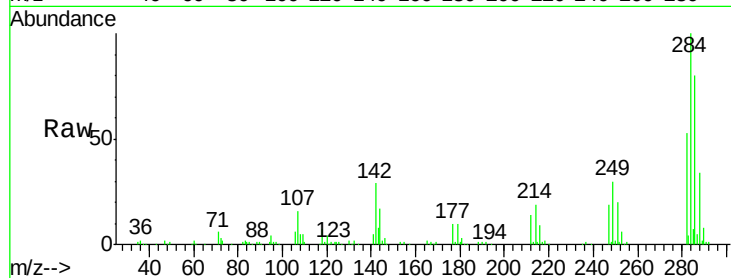
Tgt Ion:284 Resp: 169419

Ion Ratio Lower Upper

284 100

142 29.3 23.1 34.7

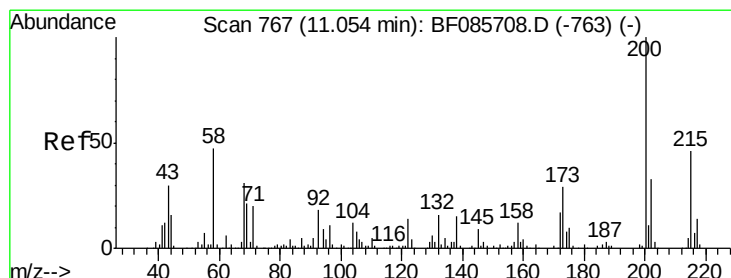
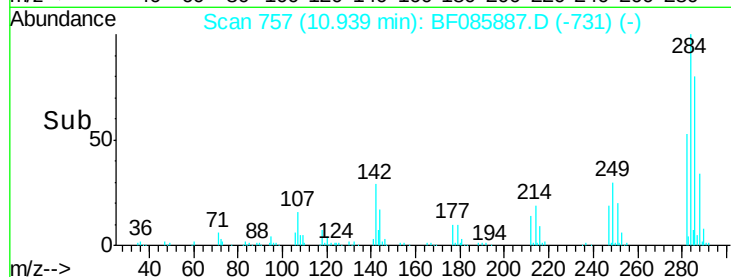
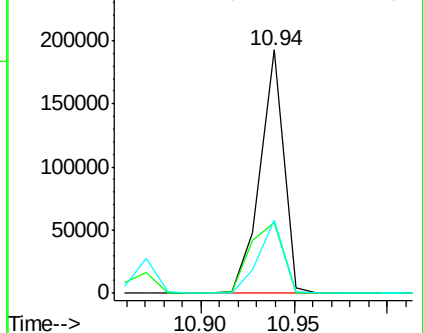
249 30.0 24.2 36.2



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: 21.46 ng

RT: 11.03 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

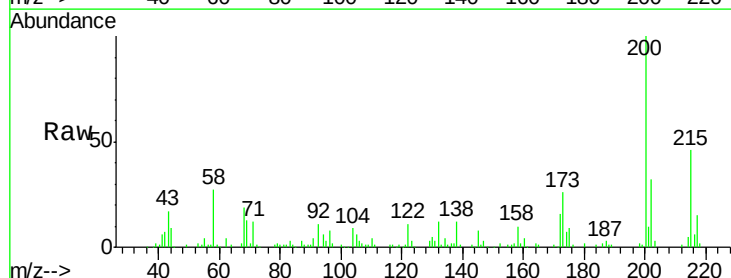
Tgt Ion:200 Resp: 83347

Ion Ratio Lower Upper

200 100

173 26.2 7.7 47.7

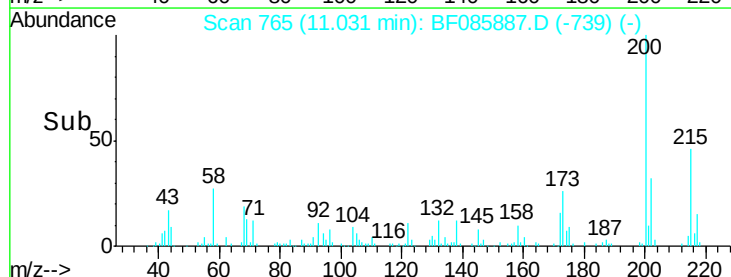
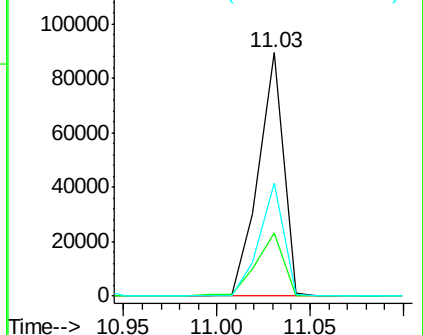
215 46.2 25.4 65.4

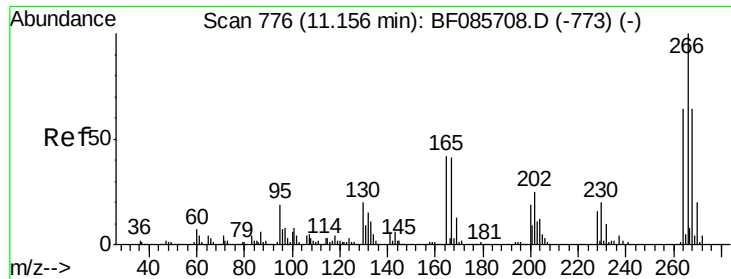


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

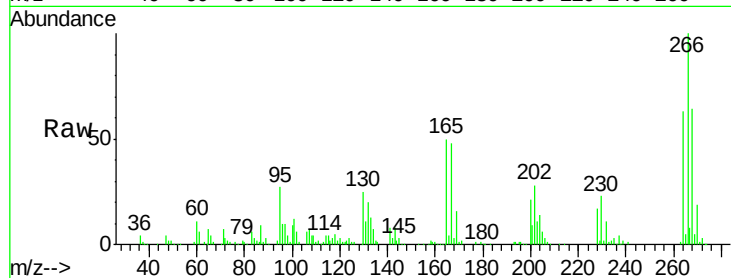




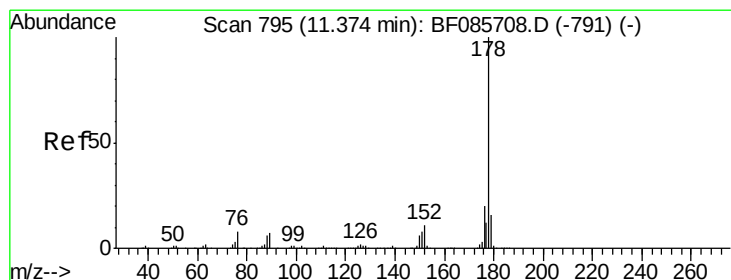
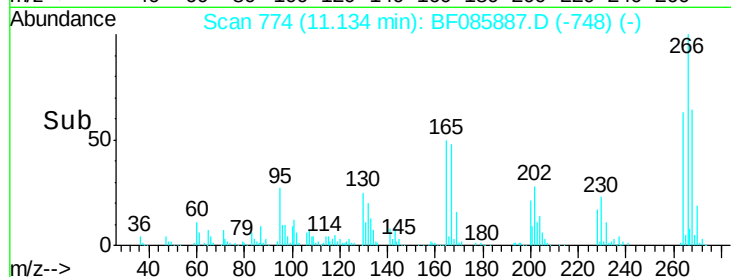
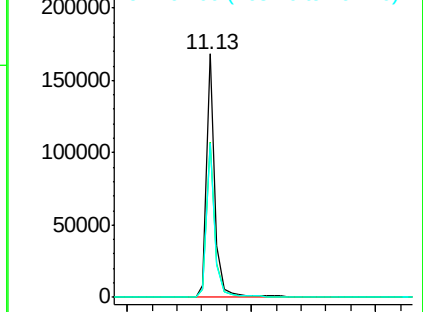
#69
 Pentachlorophenol
 Concen: 84.44 ng
 RT: 11.13 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion:266 Resp: 161110
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.5 77.3
 264 63.3 50.6 76.0

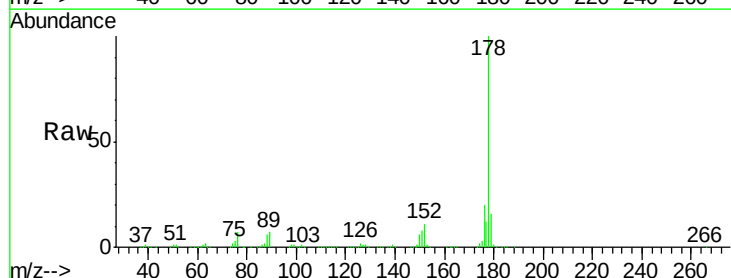


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

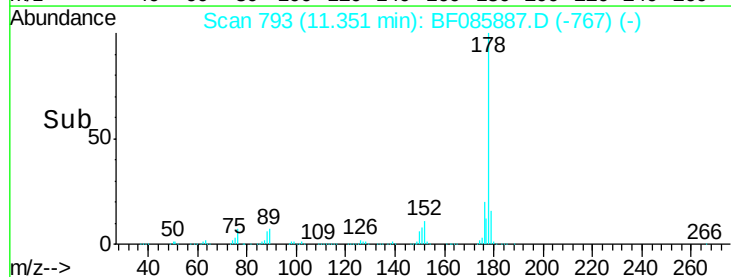
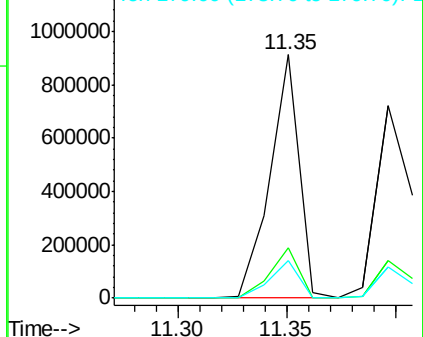


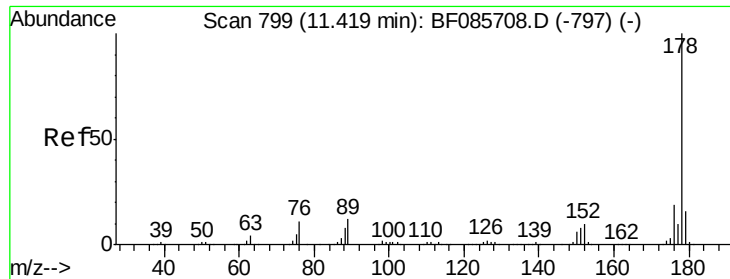
#70
 Phenanthrene
 Concen: 45.91 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:178 Resp: 856260
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 15.6 12.6 18.8



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

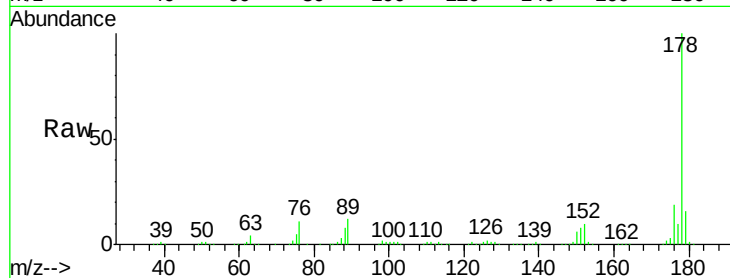




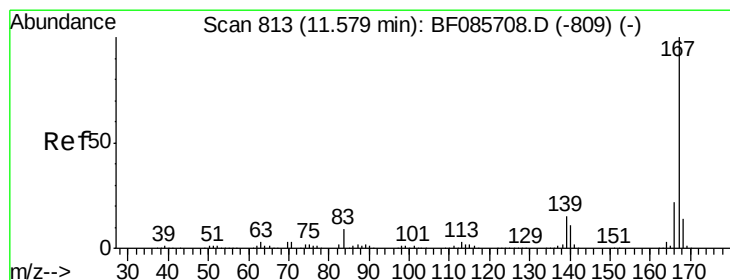
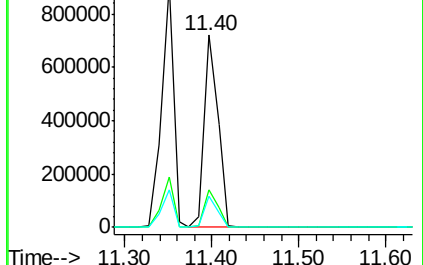
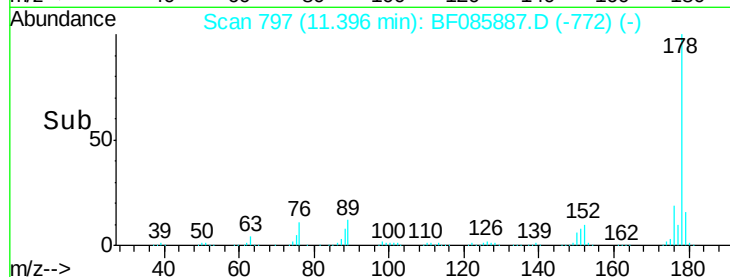
#71
 Anthracene
 Concen: 40.60 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion:178 Resp: 795020
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.0 13.0 19.4

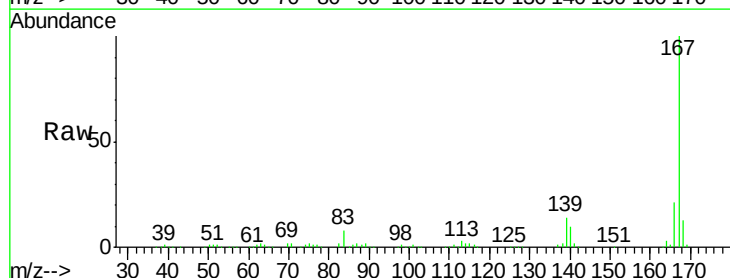


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

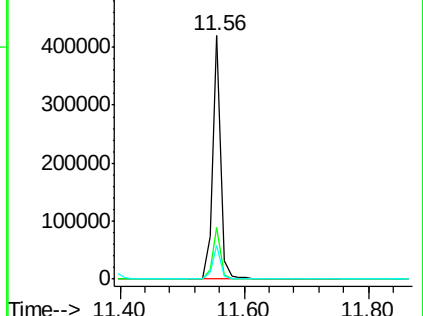
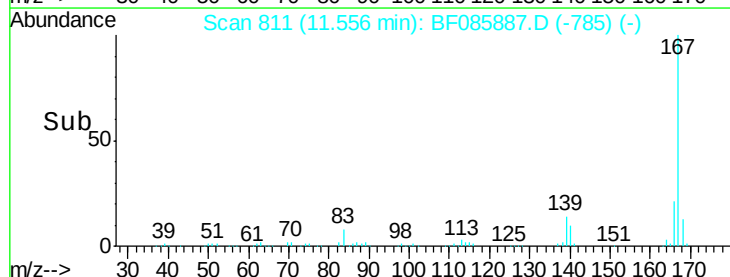


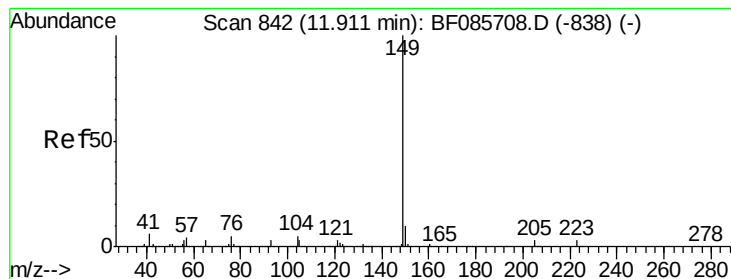
#72
 Carbazole
 Concen: 22.81 ng
 RT: 11.56 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:167 Resp: 375023
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.8
 139 13.7 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.45 ng

RT: 11.89 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

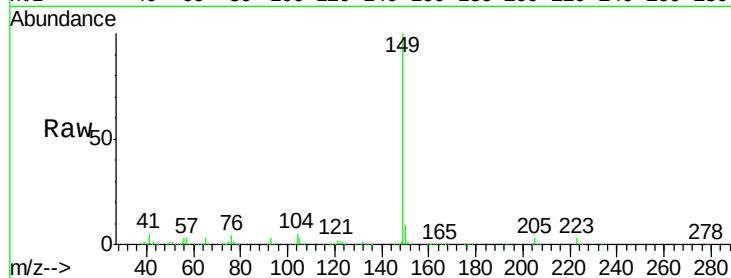
Tgt Ion:149 Resp: 957636

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

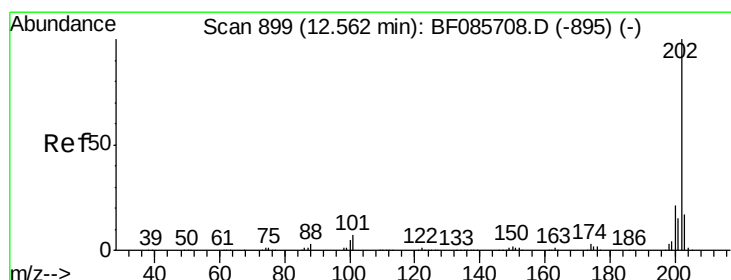
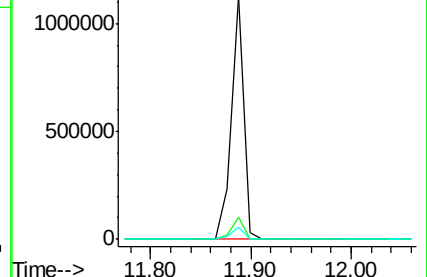
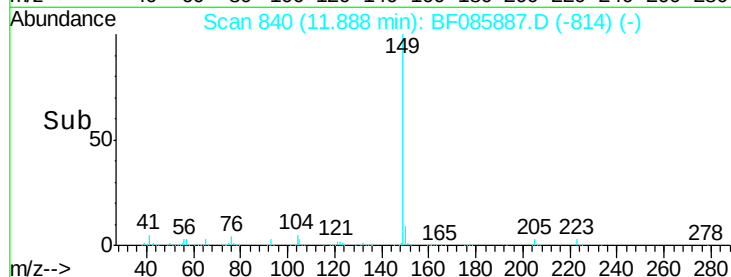
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.06 ng

RT: 12.54 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

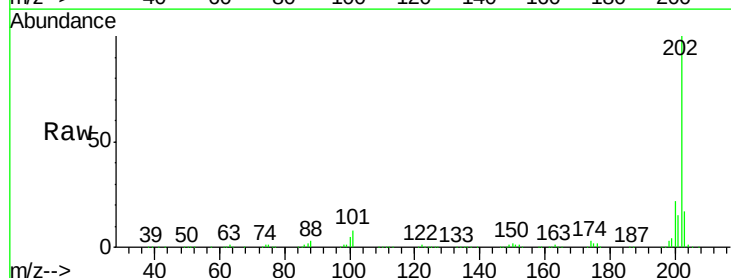
Tgt Ion:202 Resp: 853611

Ion Ratio Lower Upper

202 100

101 7.5 0.0 36.6

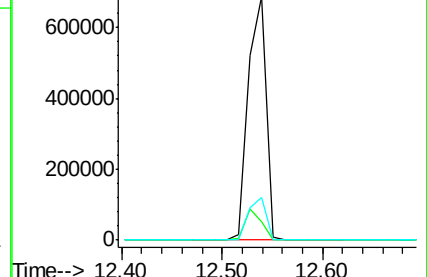
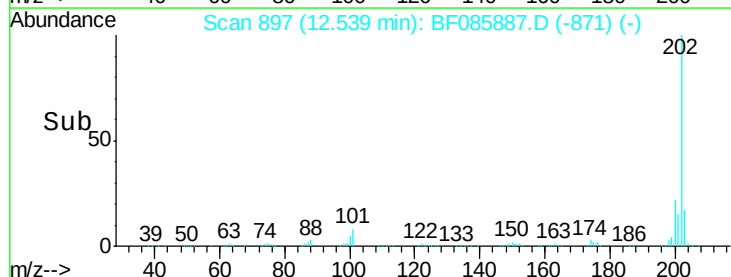
203 17.3 0.0 38.1

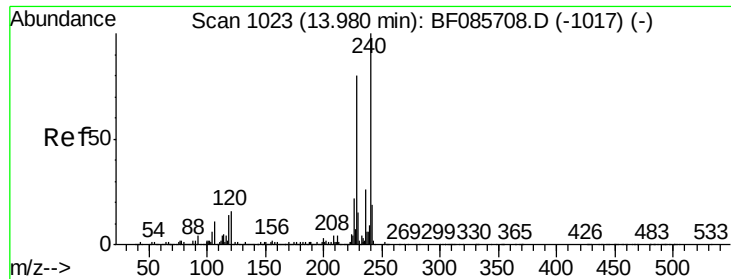


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

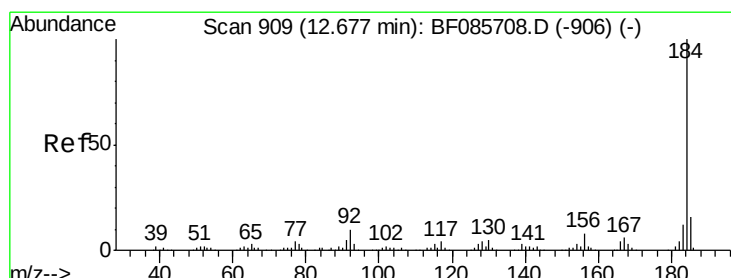
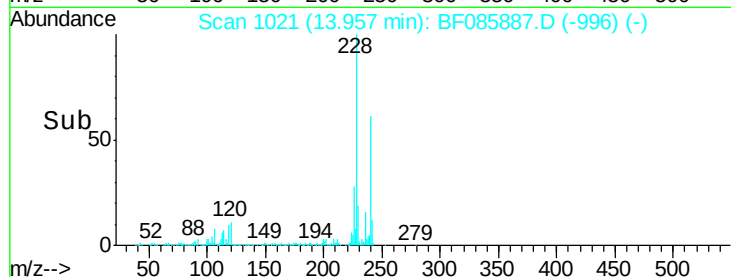
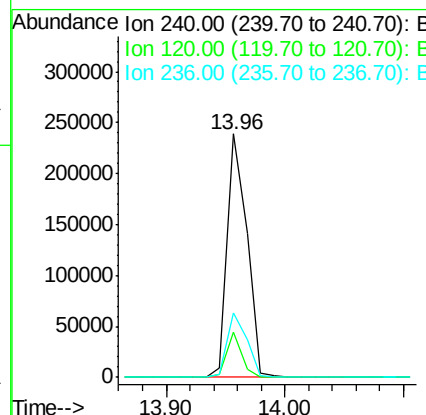
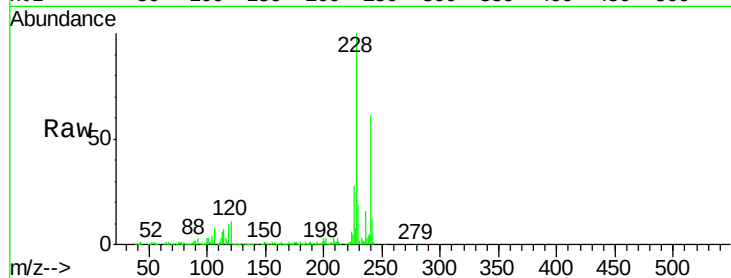




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

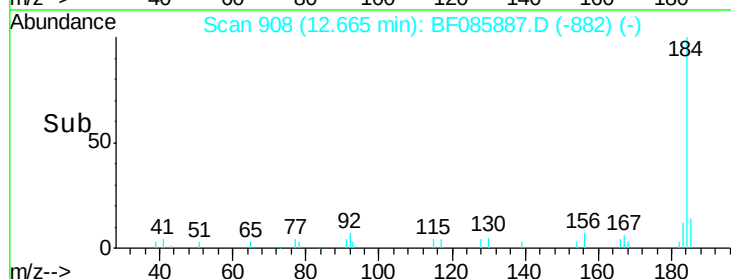
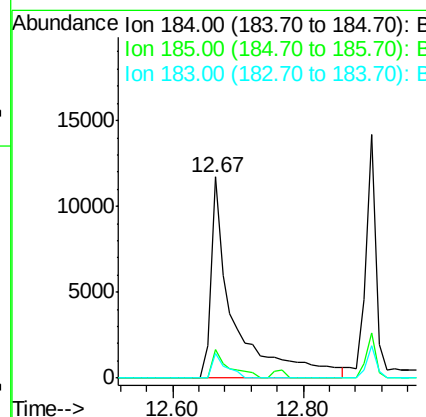
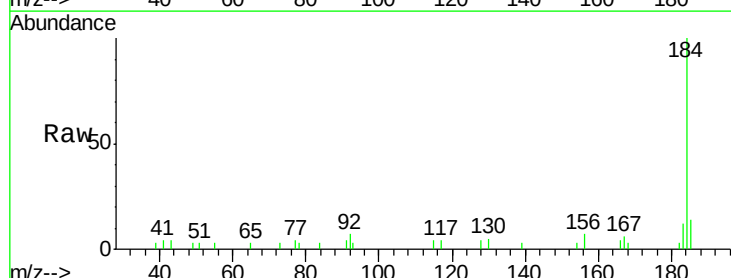
Instrument :
BNA_F
ClientSampleId :
PB89280BSD

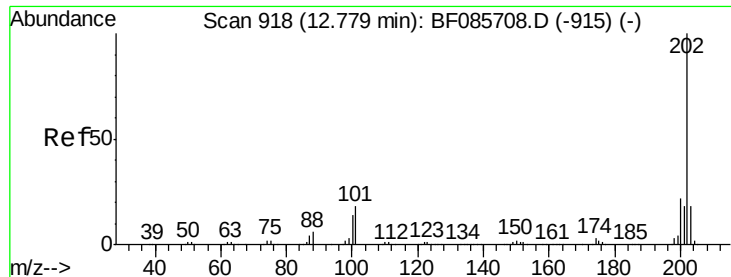
Tgt Ion:240 Resp: 272209
Ion Ratio Lower Upper
240 100
120 18.4 13.8 20.8
236 26.5 20.6 30.8



#76
Benzidine
Concen: 2.96 ng
RT: 12.67 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion:184 Resp: 28348
Ion Ratio Lower Upper
184 100
185 14.0 12.4 18.6
183 12.0 9.4 14.2

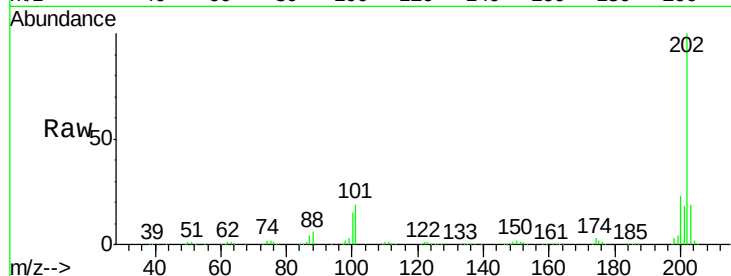




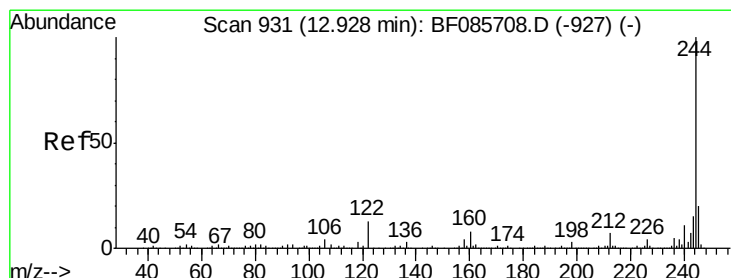
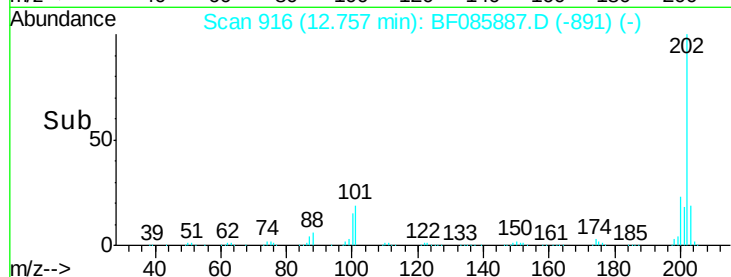
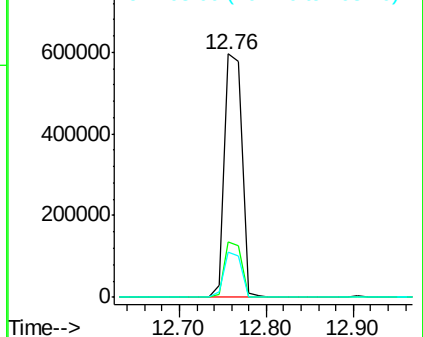
#77
Pyrene
 Concen: 37.36 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	18.5	14.0	21.0

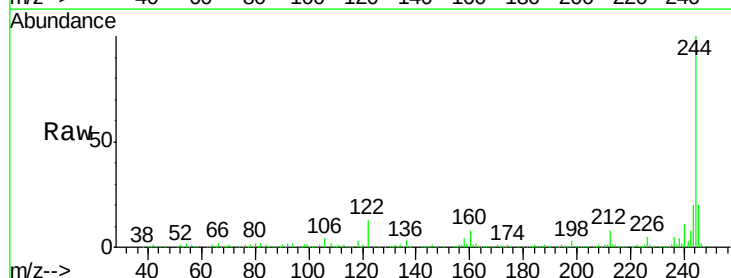


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

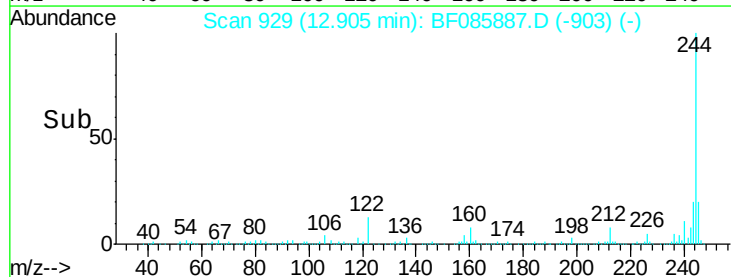
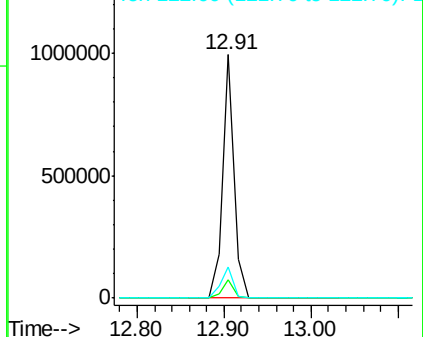


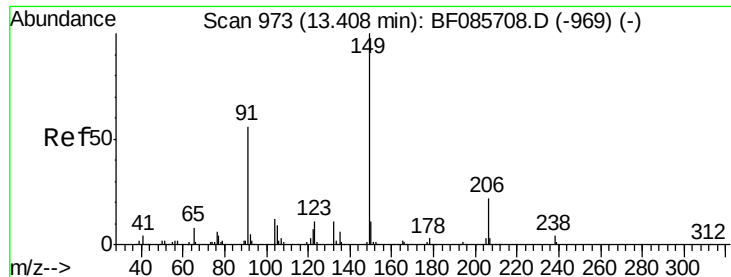
#78
Terphenyl-d14
 Concen: 69.65 ng
 RT: 12.91 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.5	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

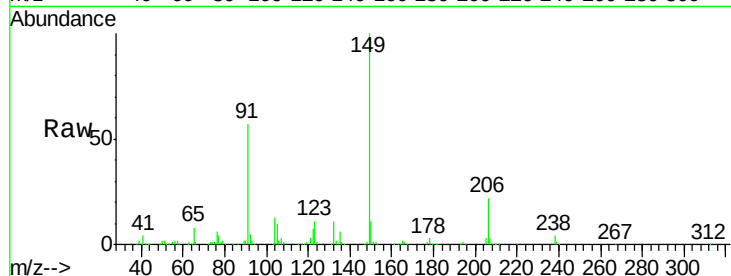




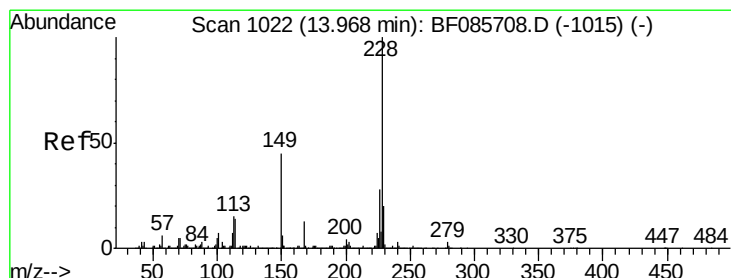
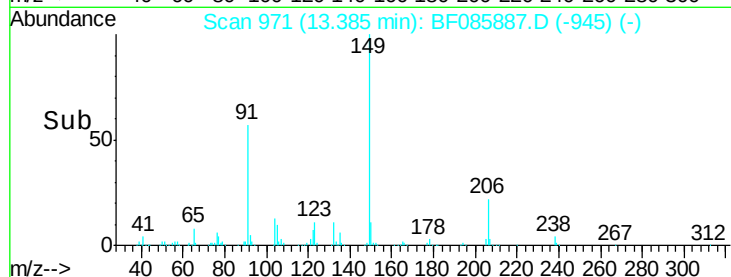
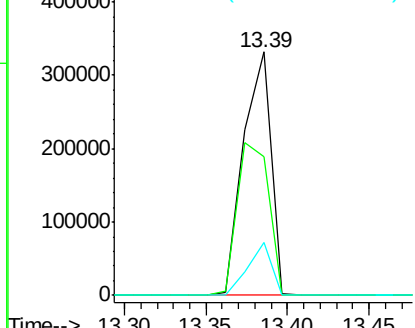
#79
Butylbenzylphthalate
Concen: 41.44 ng
RT: 13.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.2	45.8	68.8
206	21.8	17.8	26.8

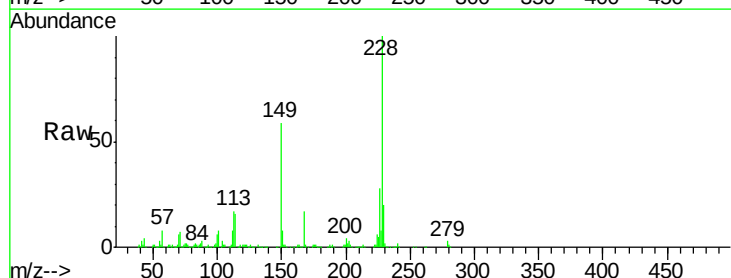


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

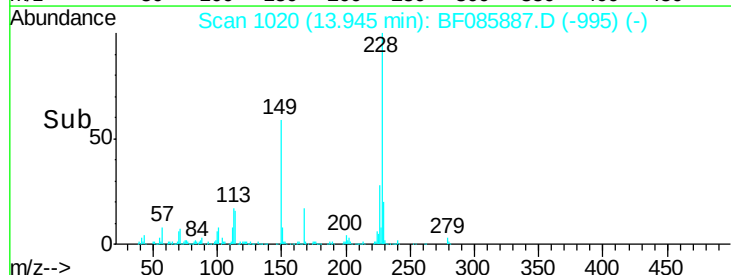
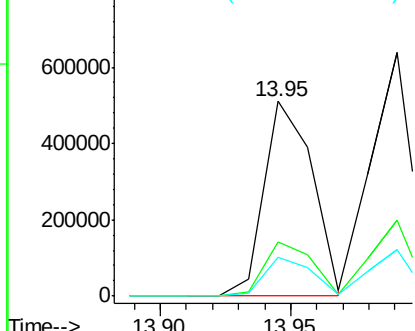


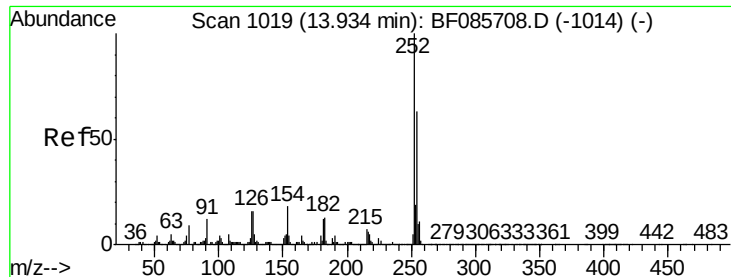
#80
Benzo(a)anthracene
Concen: 42.52 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085887.D
Acq: 30 Mar 2016 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.1	16.2	24.4



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

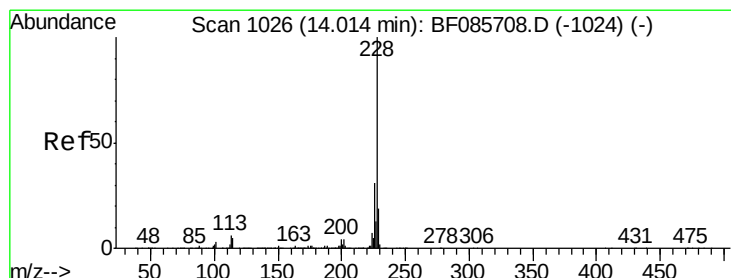
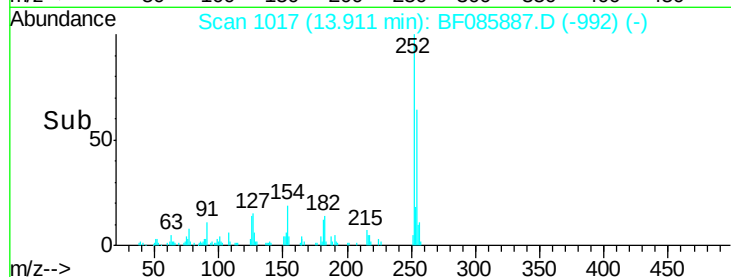
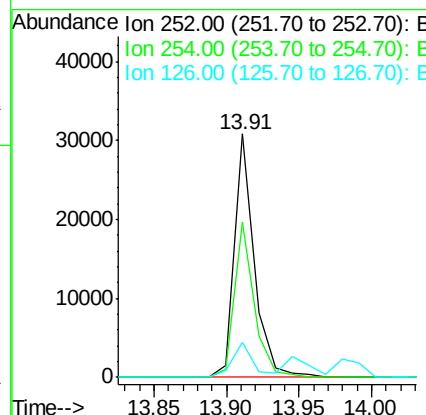
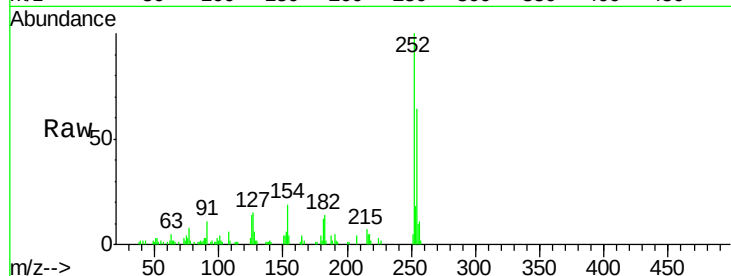




#81
 3,3'-Dichlorobenzidine
 Concen: 2.71 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

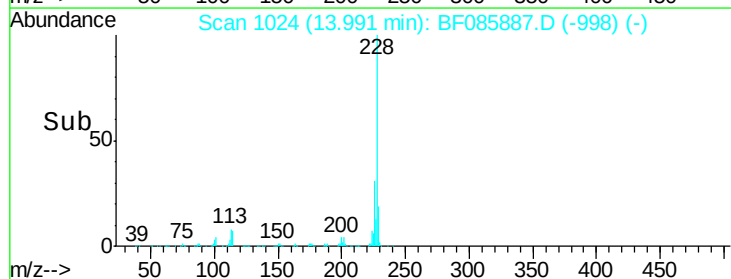
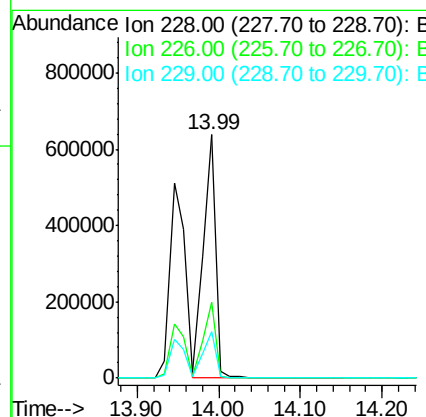
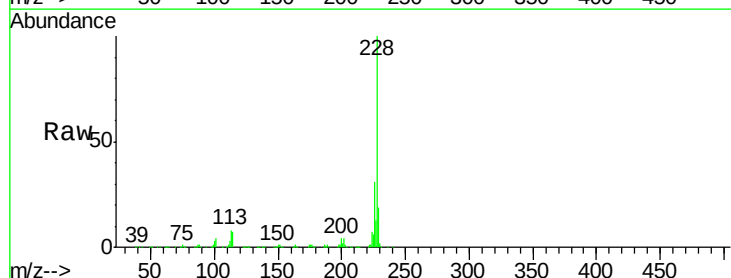
Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

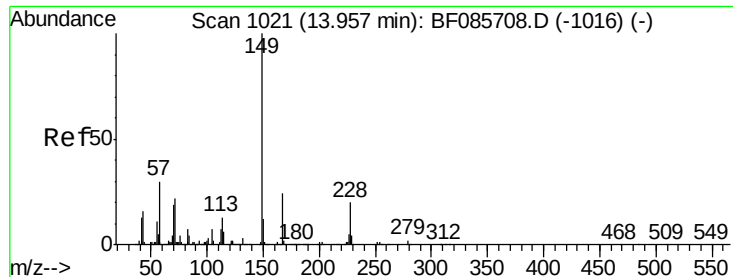
Tgt Ion:	252	Resp:	29151
Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.7	76.1
126	14.4	11.8	17.6



#82
 Chrysene
 Concen: 43.40 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion:	228	Resp:	678521
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.1	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.67 ng

RT: 13.93 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

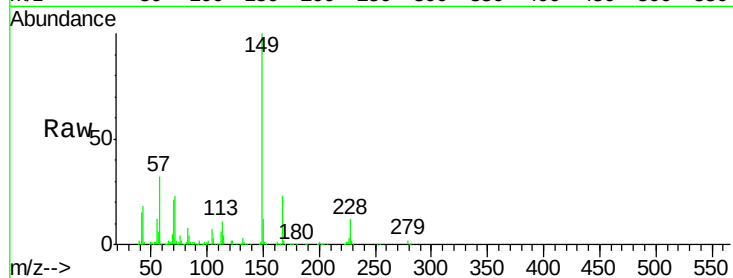
Tgt Ion:149 Resp: 478698

Ion Ratio Lower Upper

149 100

167 23.5 19.4 29.2

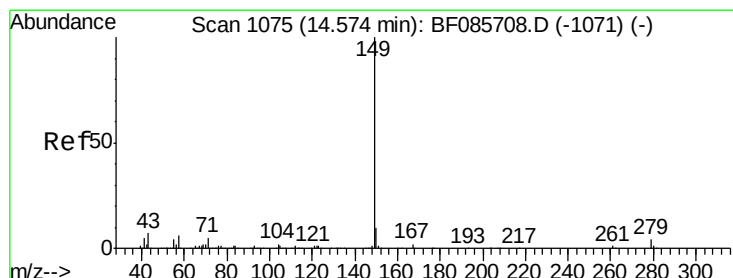
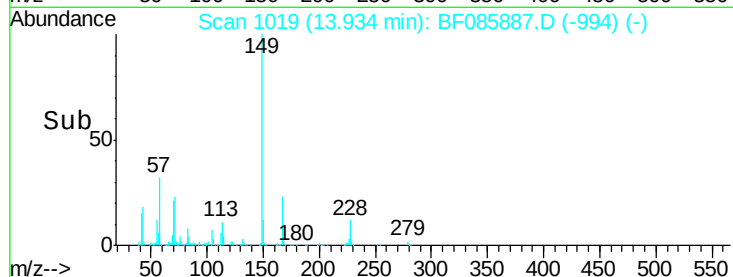
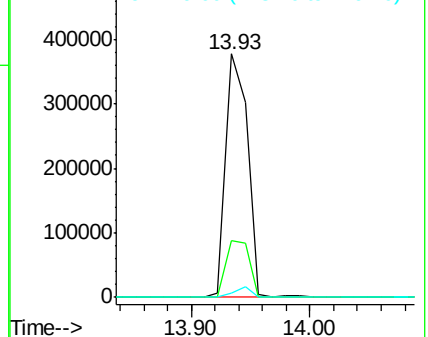
279 1.7 1.5 2.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.86 ng

RT: 14.55 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

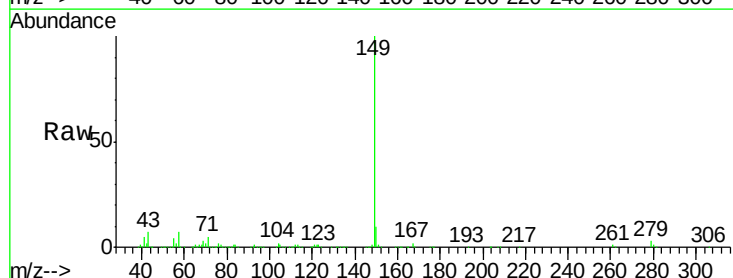
Tgt Ion:149 Resp: 798535

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

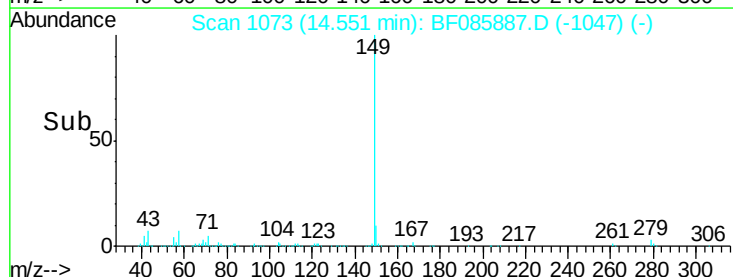
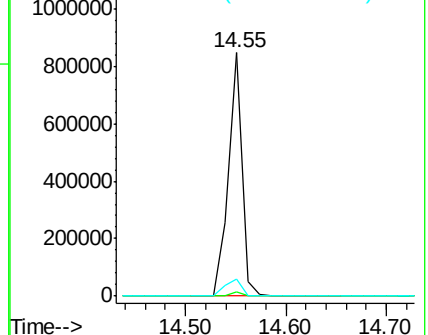
43 8.6 7.1 10.7

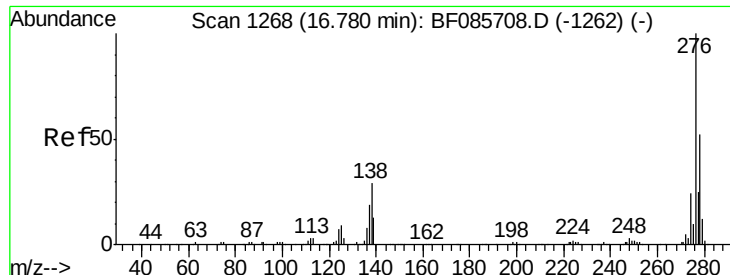


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

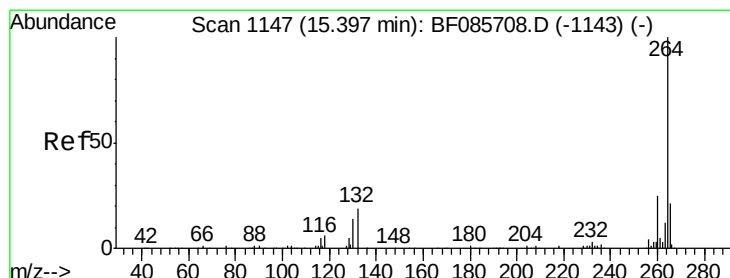
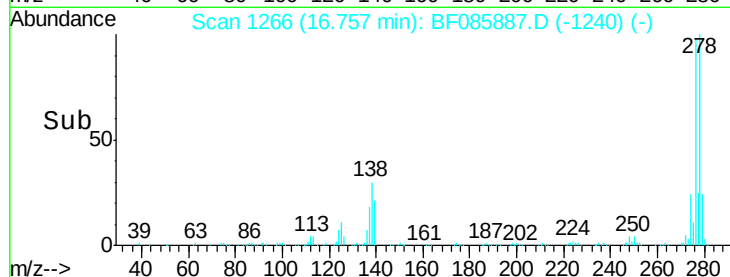
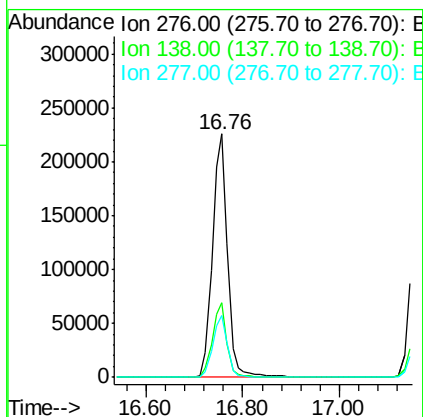
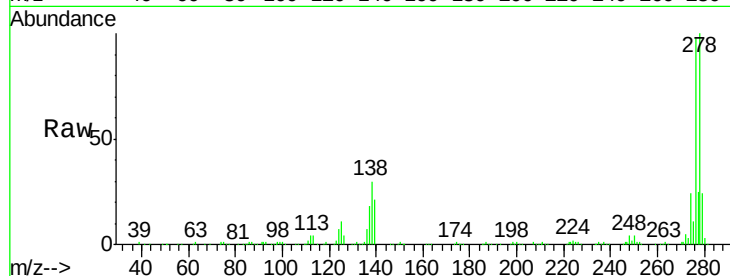




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.36 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

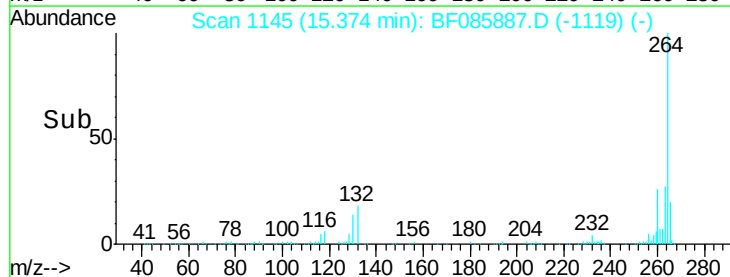
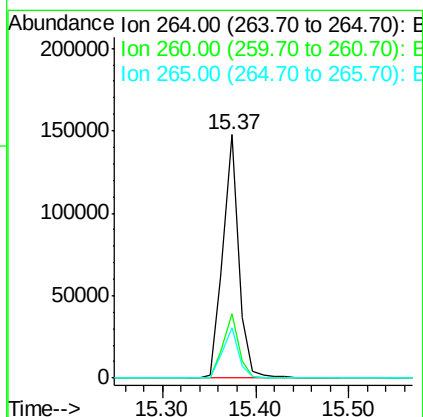
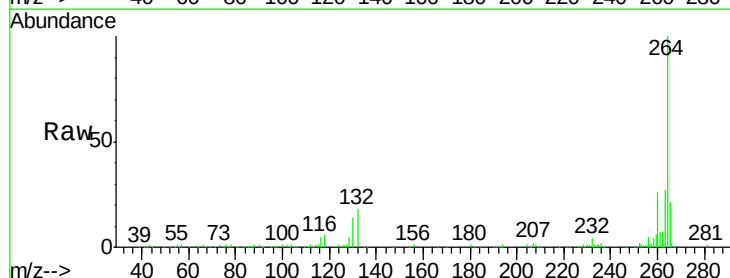
Instrument :
 BNA_F
 ClientSampleId :
 PB89280BSD

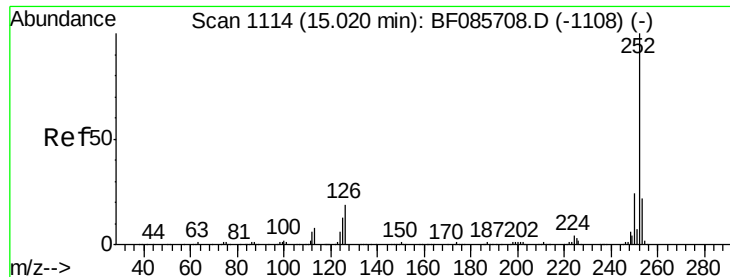
Tgt Ion: 276 Resp: 499272
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.2 36.4
 277 25.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF085887.D
 Acq: 30 Mar 2016 15:39

Tgt Ion: 264 Resp: 175309
 Ion Ratio Lower Upper
 264 100
 260 26.4 19.4 29.2
 265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 101.88 ng

RT: 14.97 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

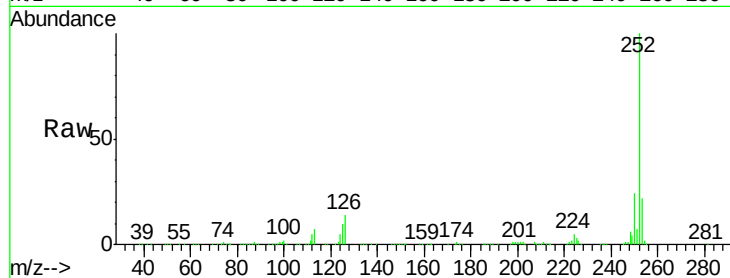
Tgt Ion:252 Resp: 1125099

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

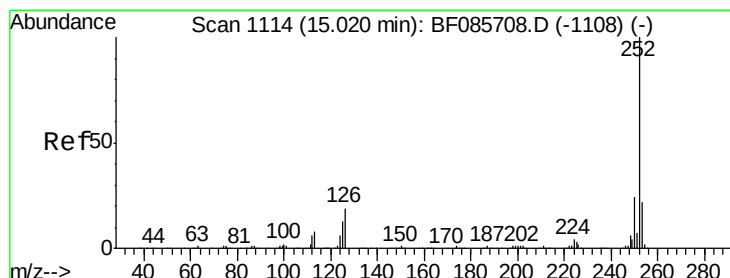
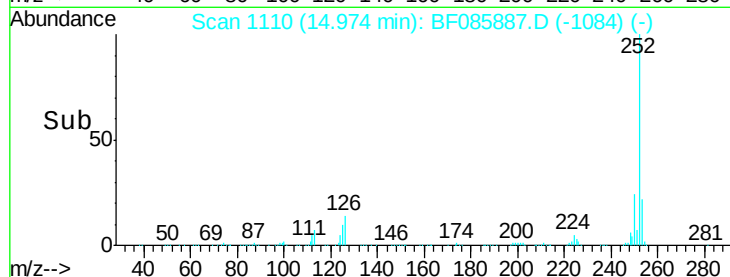
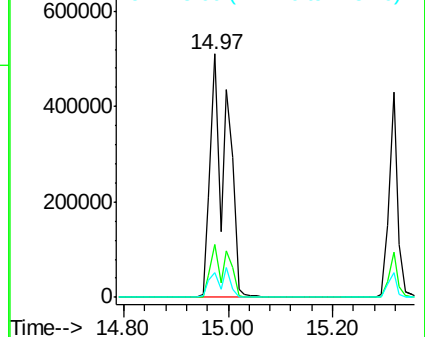
125 10.1 10.3 15.5#



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: 113.08 ng

RT: 14.97 min Scan# 1110

Delta R.T. -0.03 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

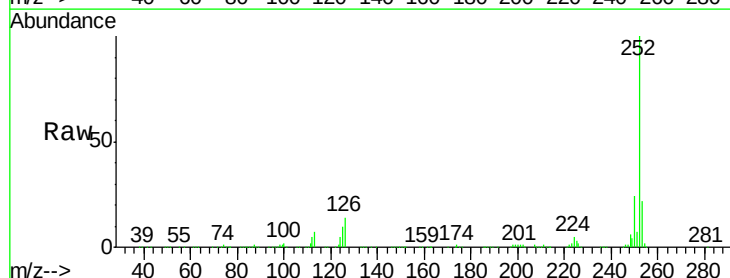
Tgt Ion:252 Resp: 1125850

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

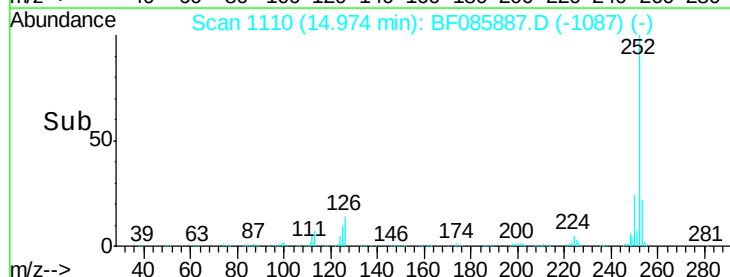
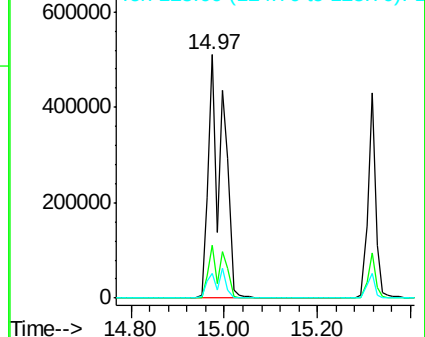
125 10.1 7.7 11.5

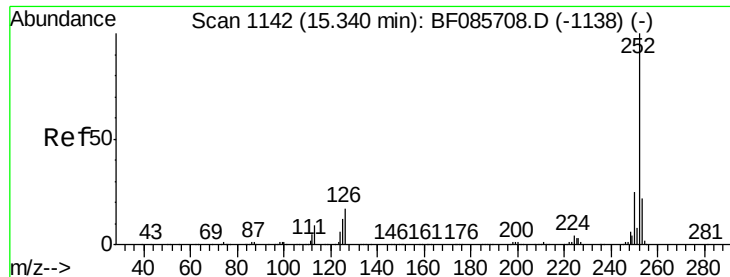


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.15 ng

RT: 15.32 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

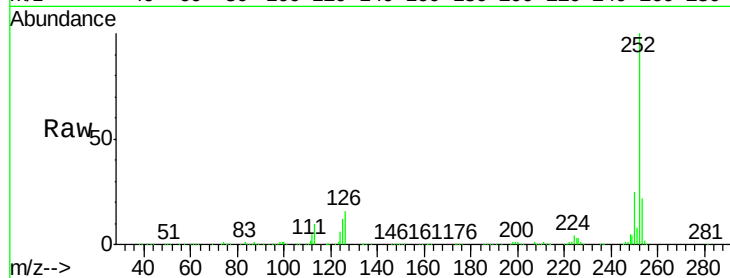
Tgt Ion:252 Resp: 501559

Ion Ratio Lower Upper

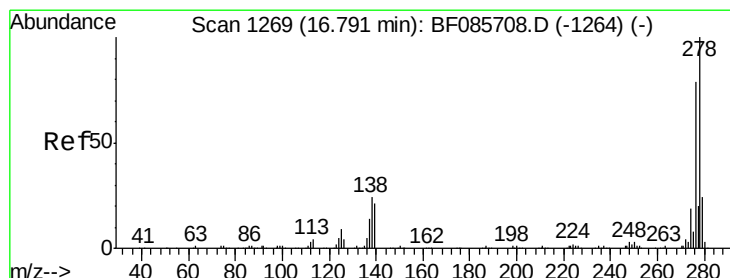
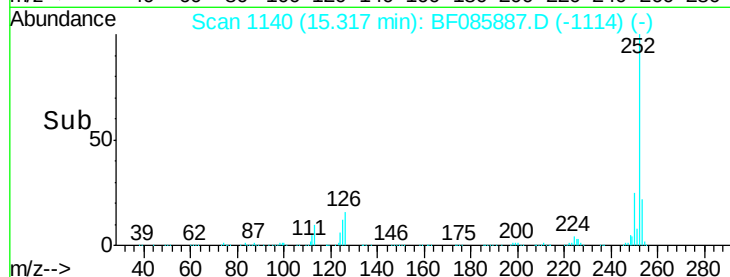
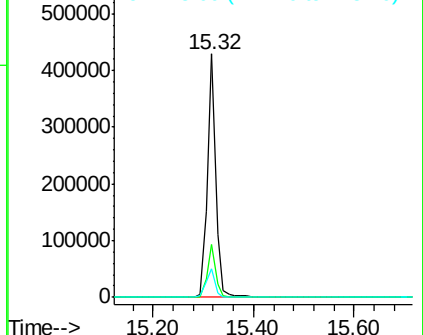
252 100

253 22.0 17.4 26.0

125 11.9 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: 47.03 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

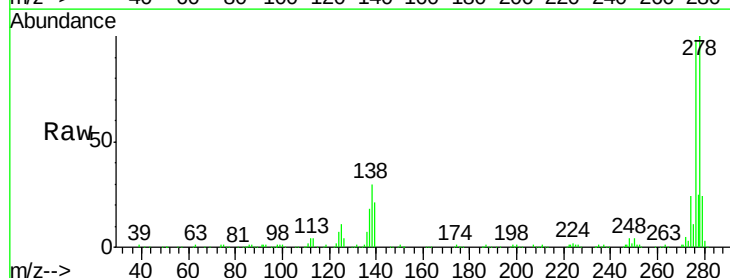
Tgt Ion:278 Resp: 428500

Ion Ratio Lower Upper

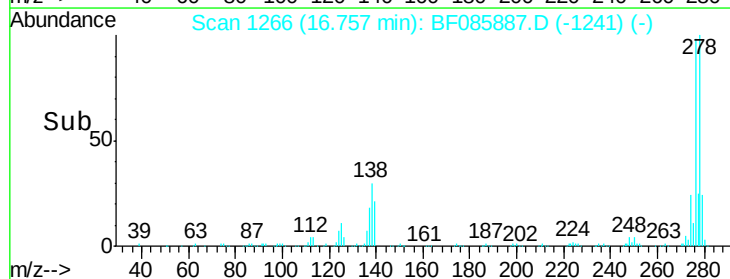
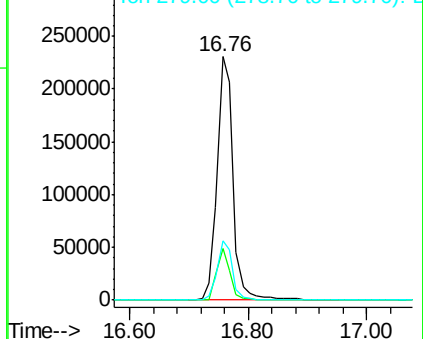
278 100

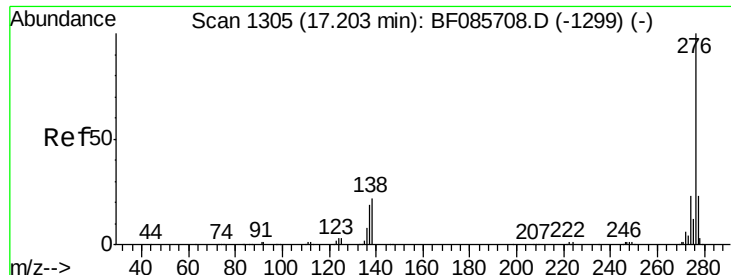
139 21.1 14.4 21.6

279 24.2 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(g,h,i)perylene

Concen: 45.09 ng

RT: 17.17 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF085887.D

Acq: 30 Mar 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB89280BSD

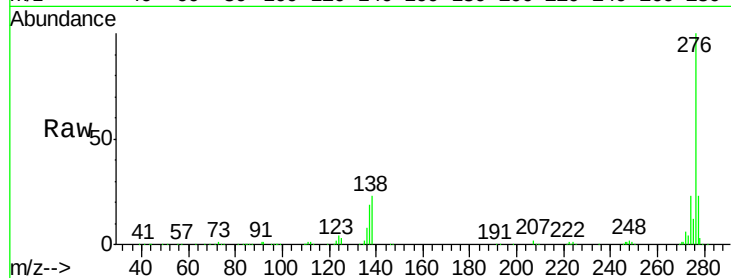
Tgt Ion:276 Resp: 415932

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 23.0 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

