

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102885.D
 Acq On : 9 Feb 2018 13:38
 Operator : SJ/JU
 Sample : J1476-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 15:40:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	164219	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	650471	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	251326	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	375758	20.00	ng	0.00
75) Chrysene-d12	14.06	240	333557	20.00	ng	0.00
86) Perylene-d12	15.54	264	322016	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1084236	100.27	ng	0.01
7) Phenol-d6	6.52	99	1207433	92.74	ng	0.01
23) Nitrobenzene-d5	7.45	82	782444	83.45	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	174591	86.31	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1054300	69.61	ng	0.00
78) Terphenyl-d14	13.00	244	709420	50.36	ng	0.00

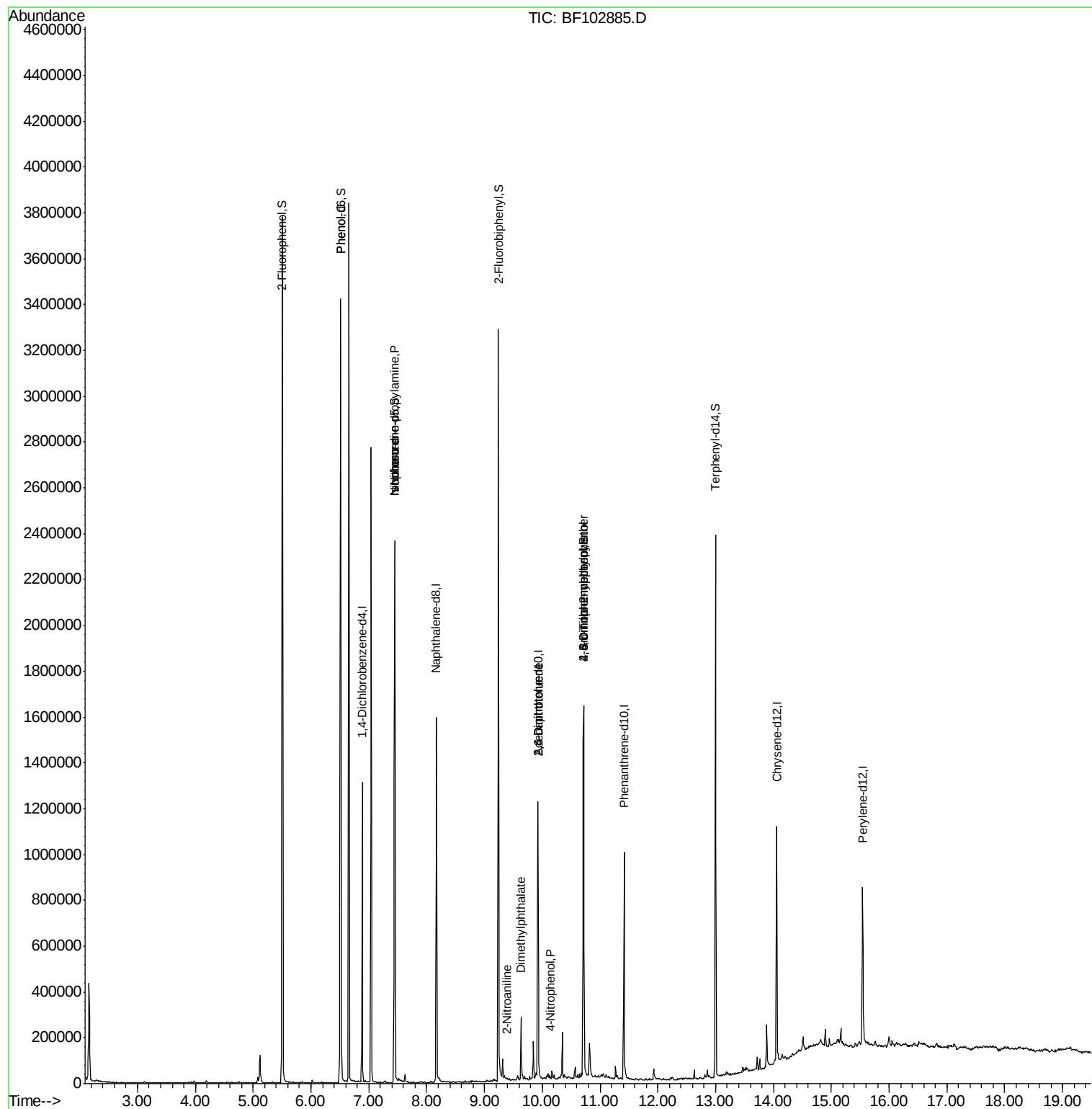
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	39079	2.801	ng	79
19) n-Nitroso-di-n-propylamine	7.45	70	104189	12.137	ng	# 84
25) Isophorone	7.45	82	782437	36.238	ng	# 64
47) 2-Nitroaniline	9.39	65	117	3.493	ng	# 2
49) Dimethylphthalate	9.63	163	81497	4.159	ng	99
50) 2,6-Dinitrotoluene	9.92	165	31935	8.566	ng	# 26
55) 4-Nitrophenol	10.13	139	114	4.053	ng	# 23
56) 2,4-Dinitrotoluene	9.92	165	31935	9.053	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	378	9.016	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11828	2.976	ng	# 1

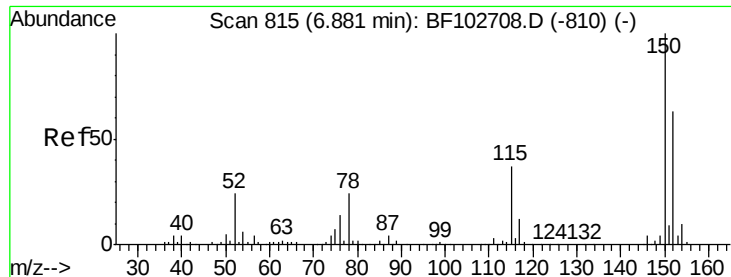
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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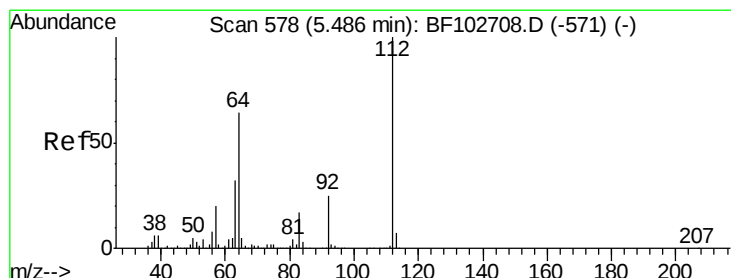
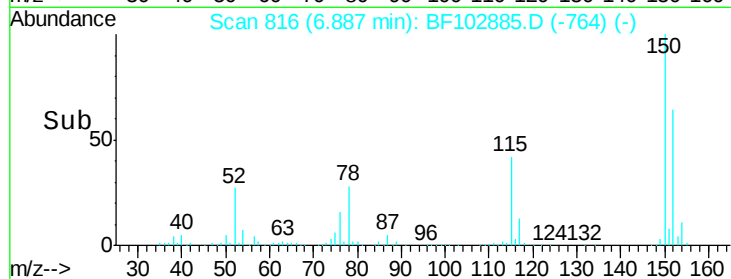
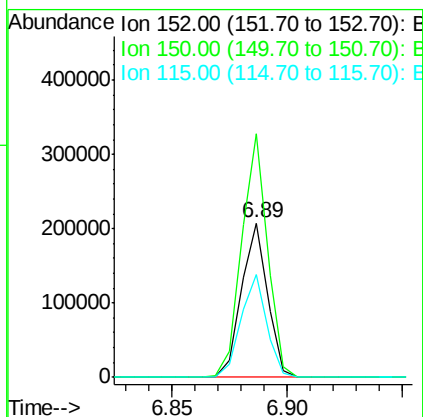
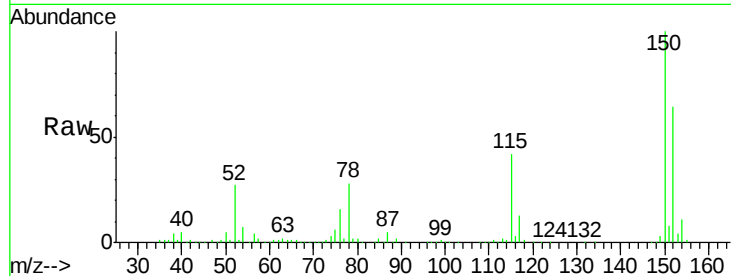


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Instrument :
BNA_F
ClientSampled :

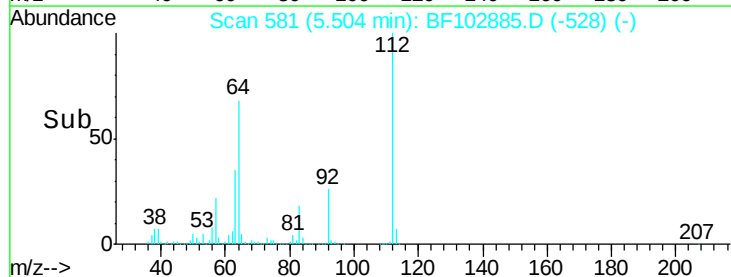
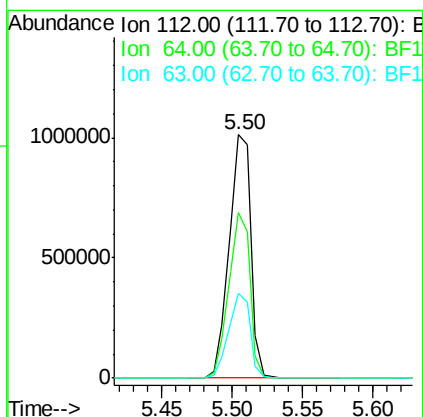
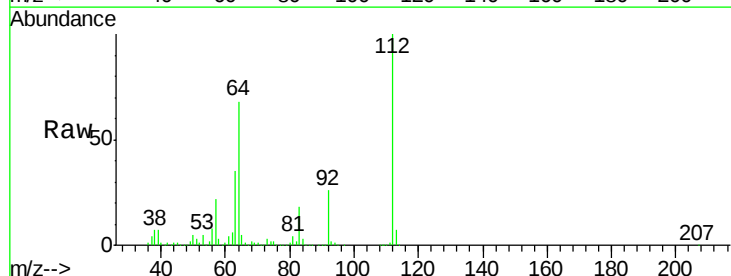
Tot Ion:152 Resp: 164219
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 66.1 50.1 75.1



#5

2-Fluorophenol
Concen: 100.268 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion:112 Resp: 1084236
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 35.0 23.7 35.5





#7

Phenol-d6

Concen: 92.737 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102885.D

Acq: 9 Feb 2018 13:38

Instrument :

BNA_F

ClientSampleId :

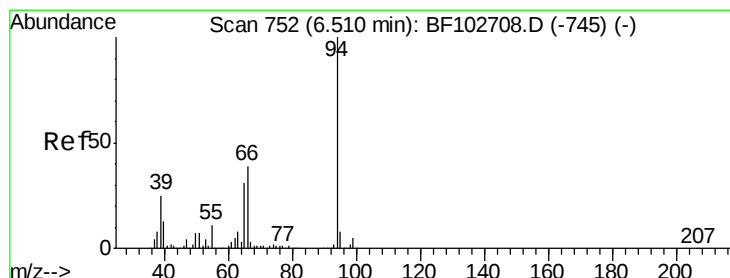
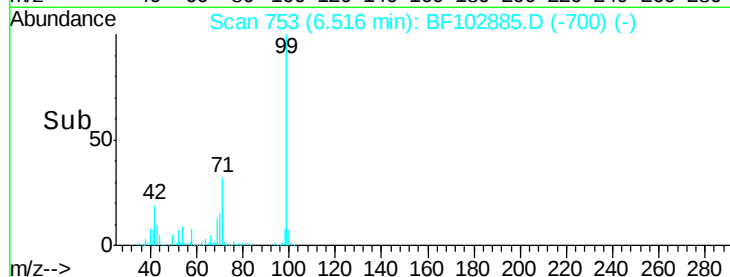
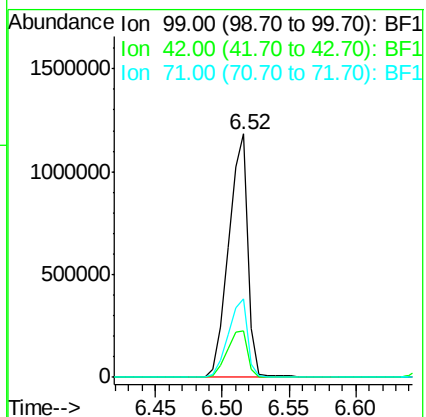
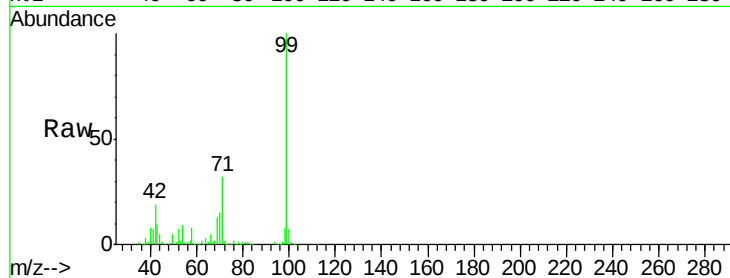
Tot Ion: 99 Resp: 1207433

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 2.801 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102885.D

Acq: 9 Feb 2018 13:38

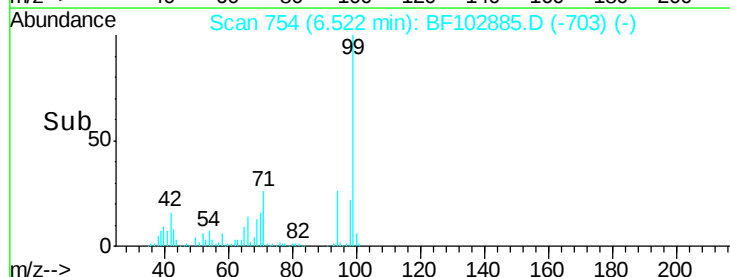
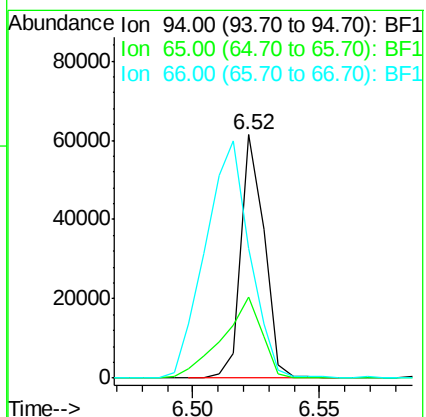
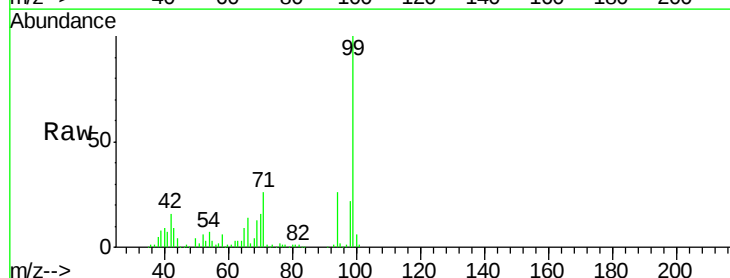
Tgt Ion: 94 Resp: 39079

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

66 53.4 16.2 56.2

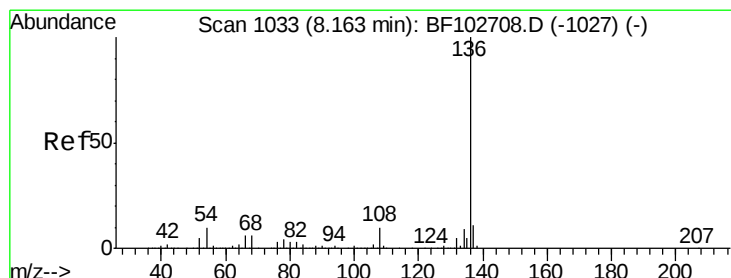
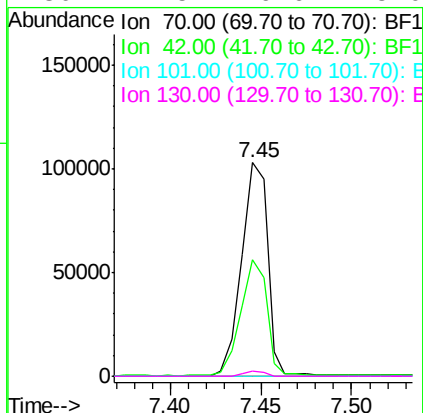
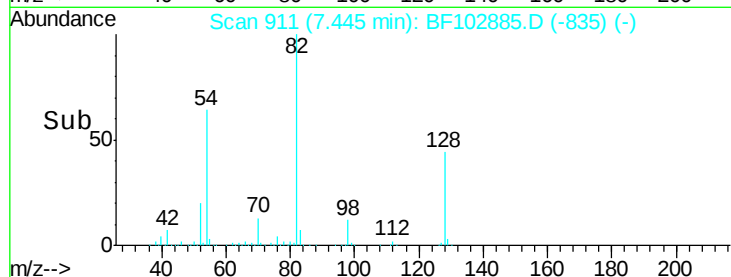
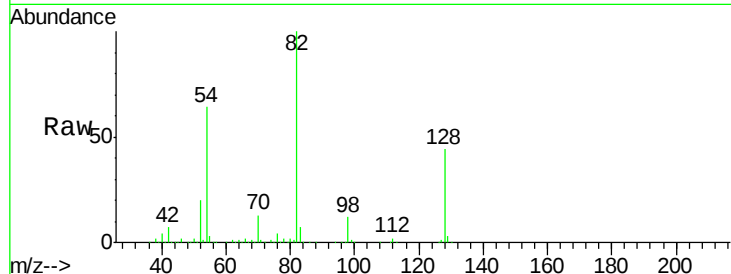




#19
n-Nitroso-di-n-propylamine
Concen: 12.137 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

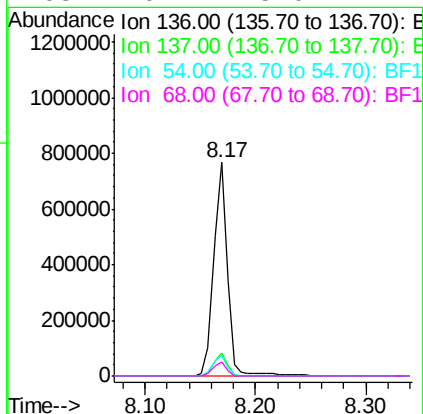
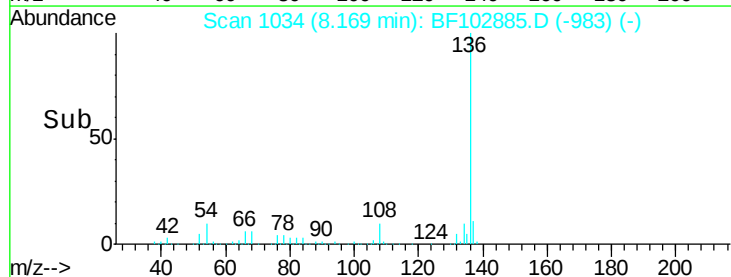
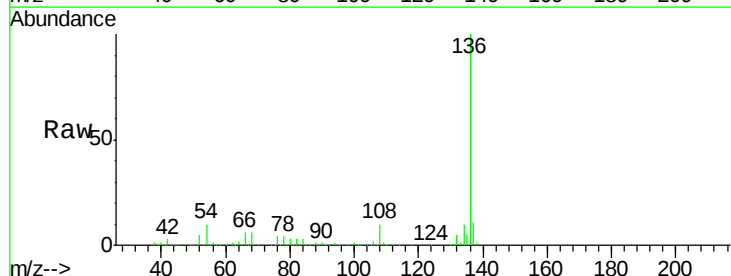
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 104189
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion:136 Resp: 650471
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.8 6.6 9.8#
68 6.4 5.0 7.4

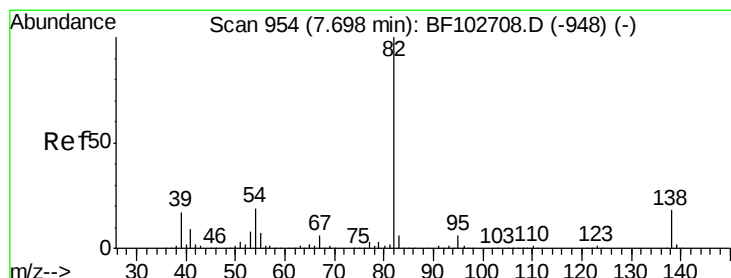
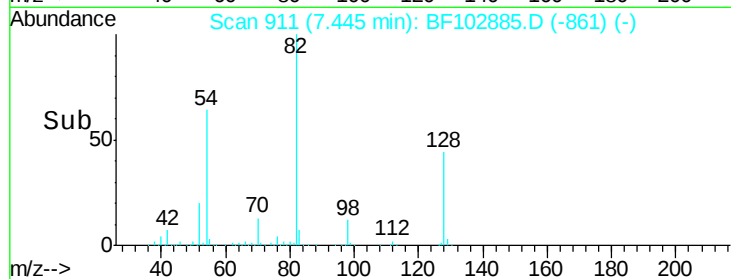
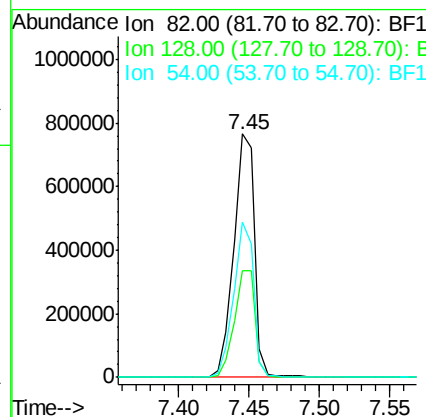
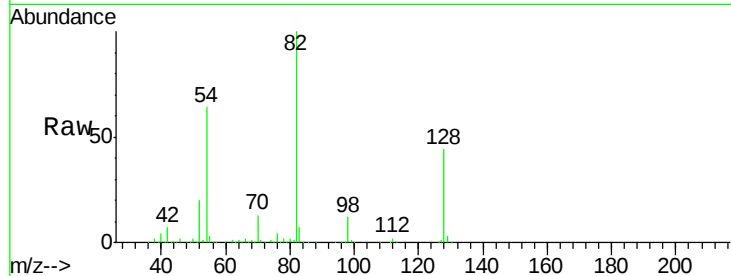




#23
Nitrobenzene-d5
Concen: 83.445 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

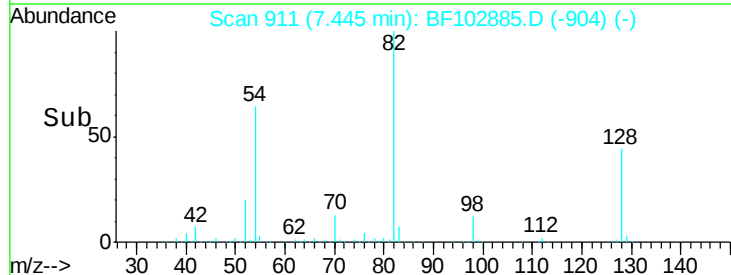
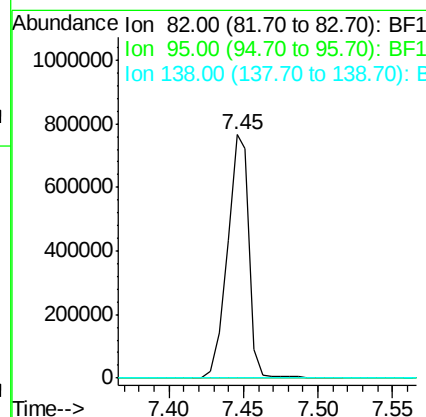
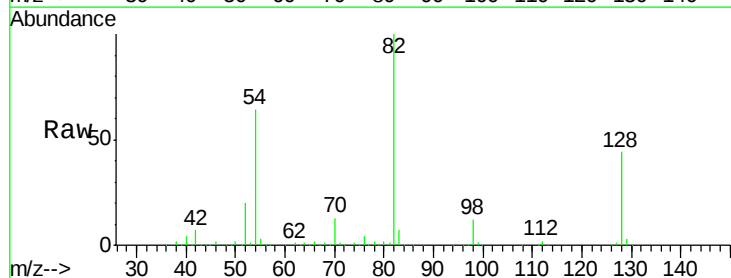
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	63.8	41.4	62.2#



#25
Isophorone
Concen: 36.238 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

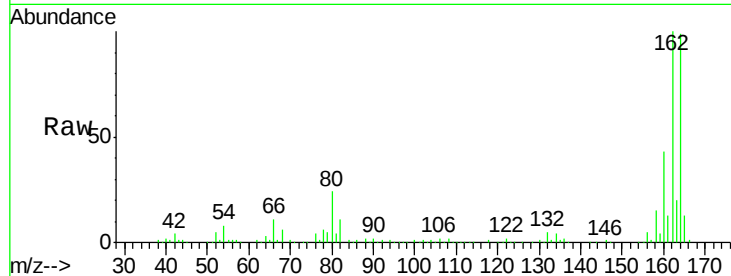




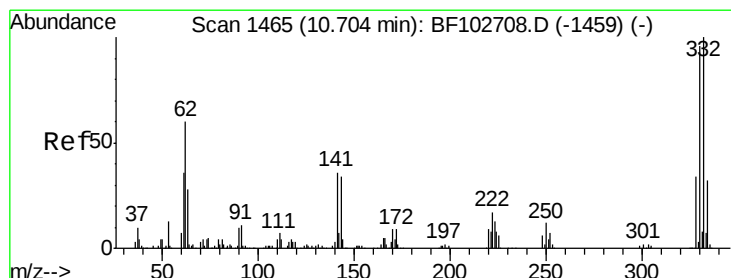
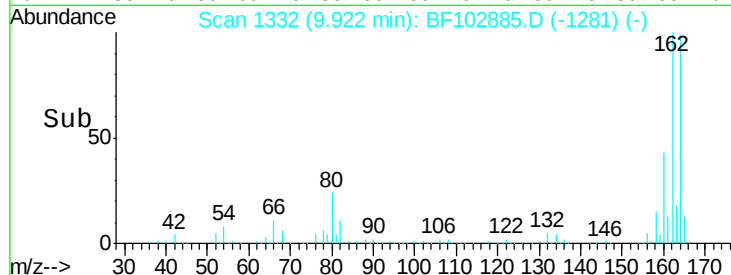
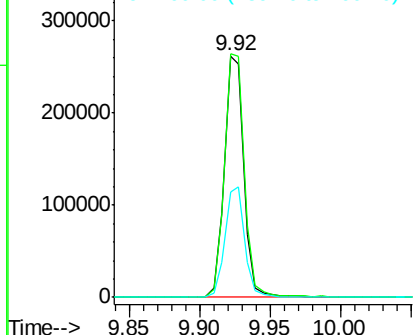
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 251326
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 43.7 38.3 57.5

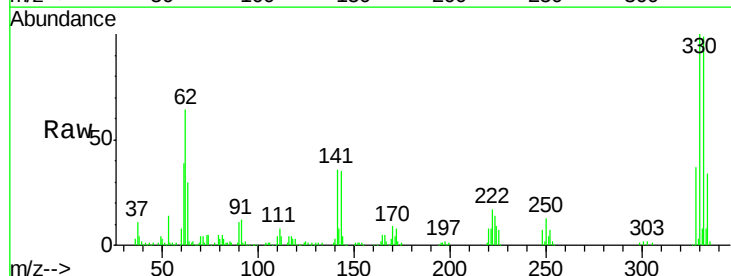


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

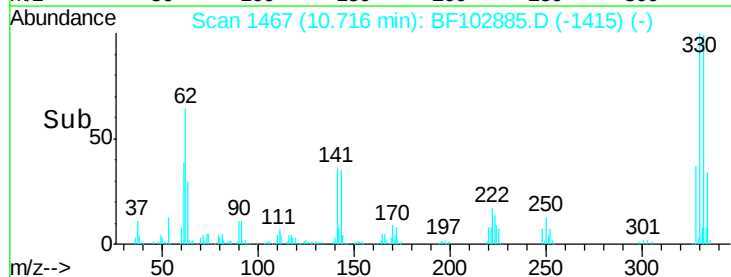
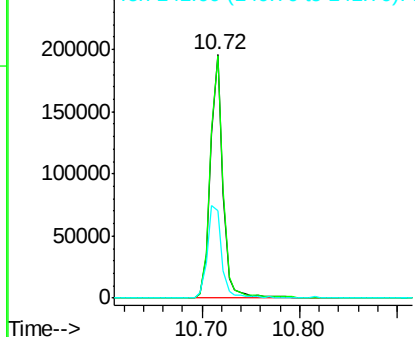


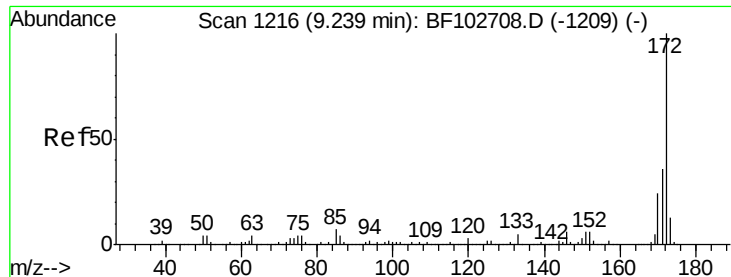
#41
2,4,6-Tribromophenol
Concen: 86.308 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion:330 Resp: 174591
Ion Ratio Lower Upper
330 100
332 101.4 77.0 115.6
141 43.8 29.9 44.9



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



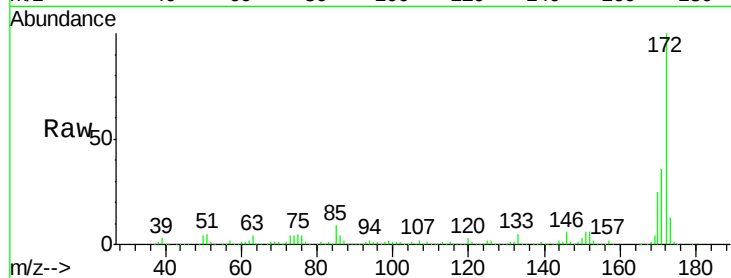


#44
 2-Fluorobiphenyl
 Concen: 69.609 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102885.D
 Acq: 9 Feb 2018 13:38

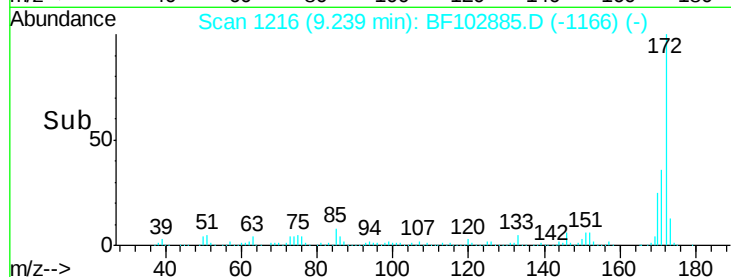
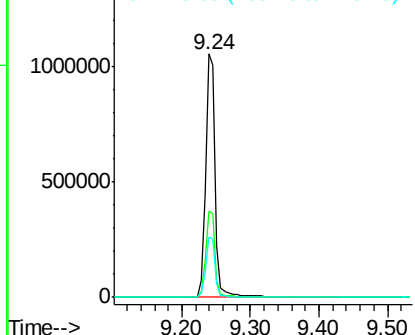
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1054300

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	25.0	19.6	29.4



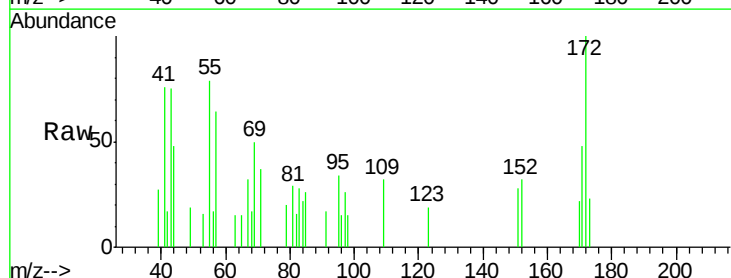
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



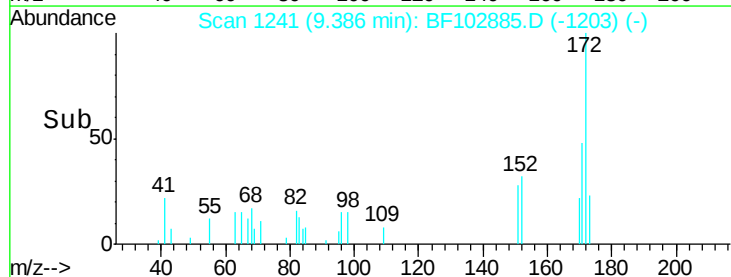
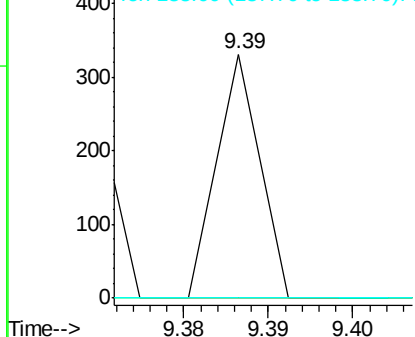
#47
 2-Nitroaniline
 Concen: 3.493 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: BF102885.D
 Acq: 9 Feb 2018 13:38

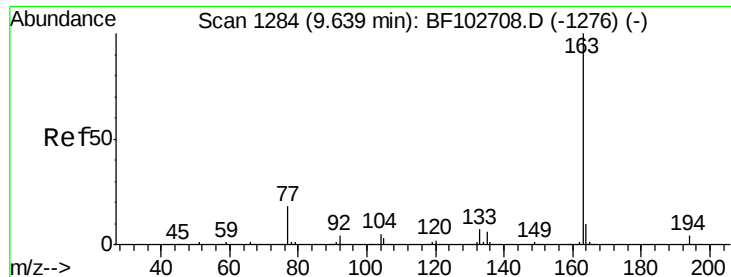
Tgt Ion: 65 Resp: 117

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

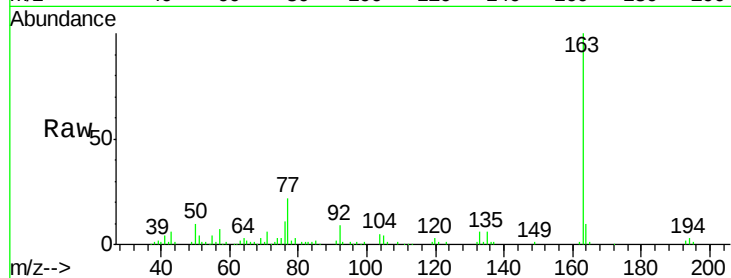




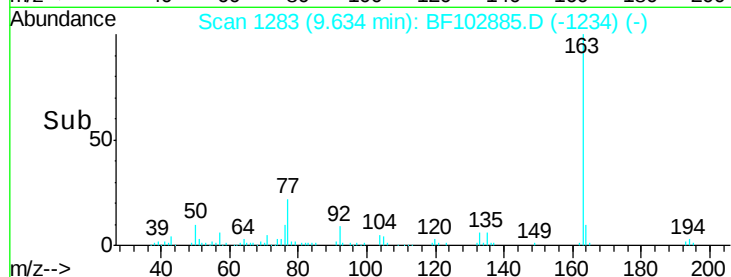
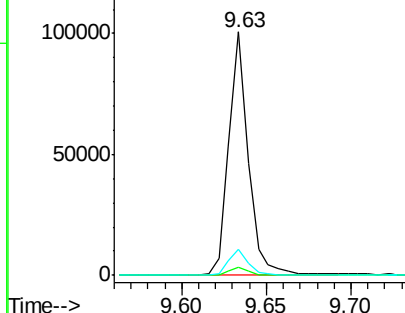
#49
Dimethylphthalate
Concen: 4.159 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 81497
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

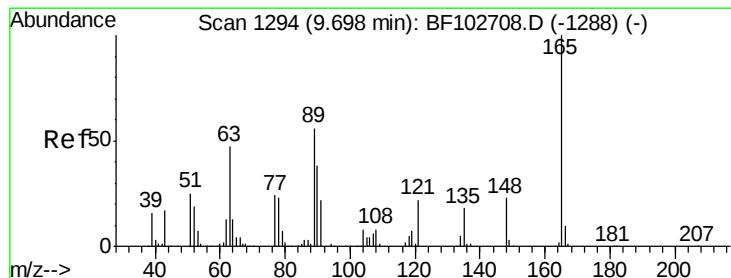


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

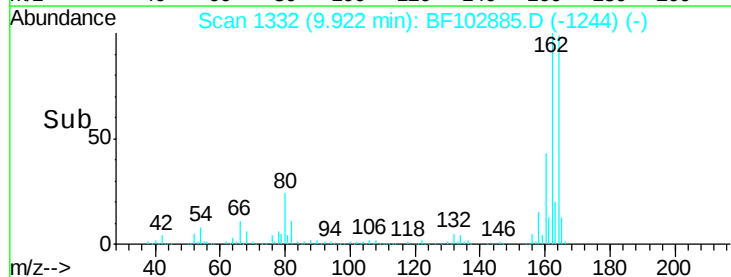
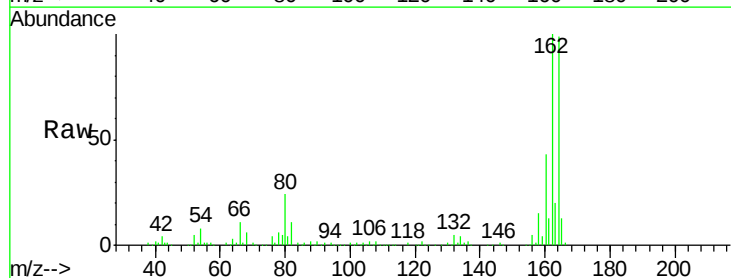
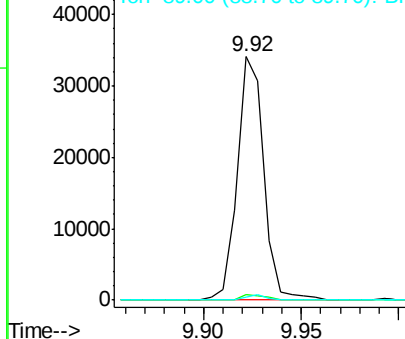


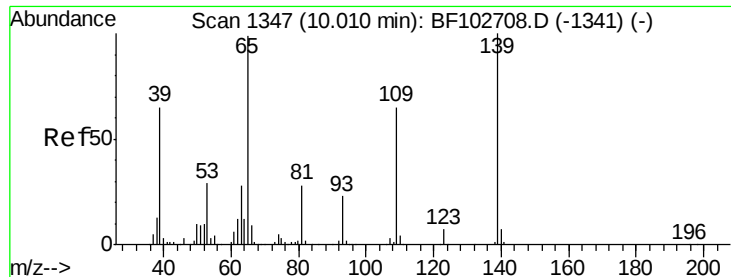
#50
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion:165 Resp: 31935
Ion Ratio Lower Upper
165 100
63 2.1 44.7 67.1#
89 1.4 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

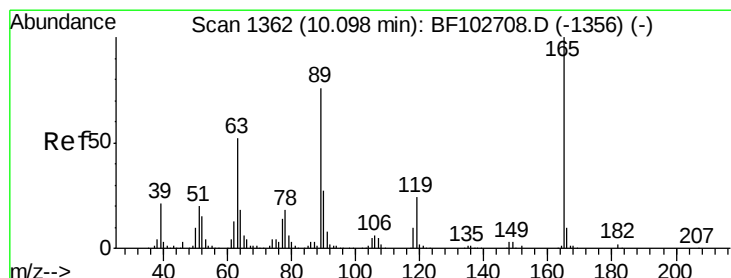
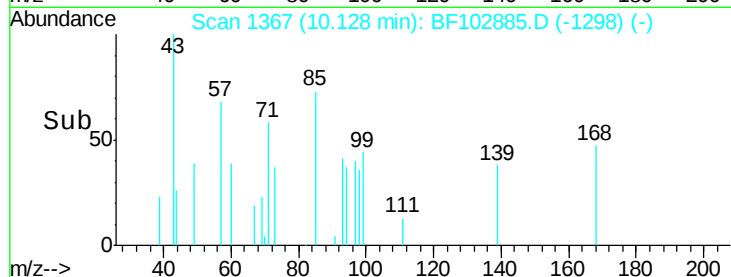
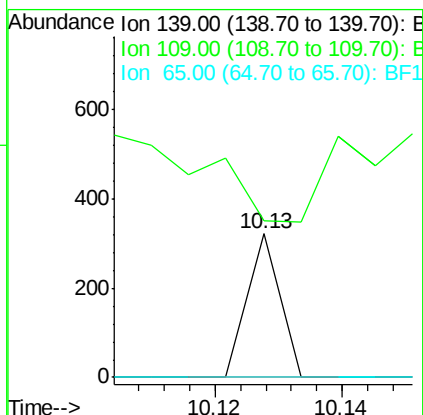
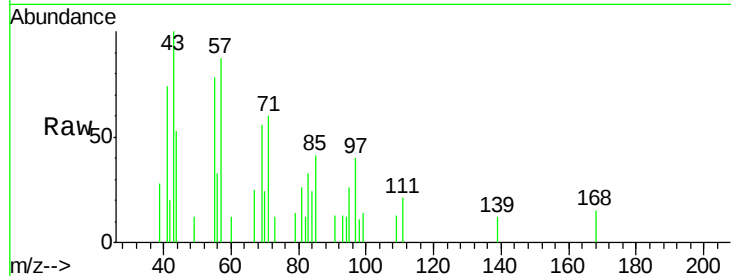




#55
4-Nitrophenol
Concen: 4.053 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

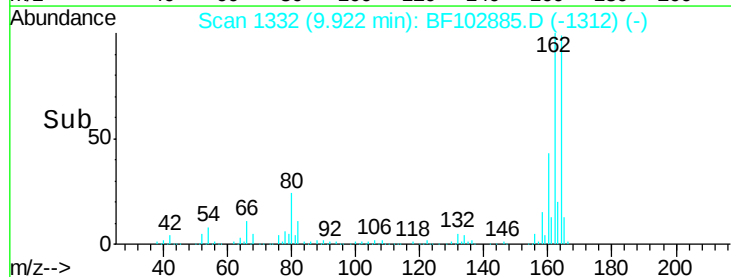
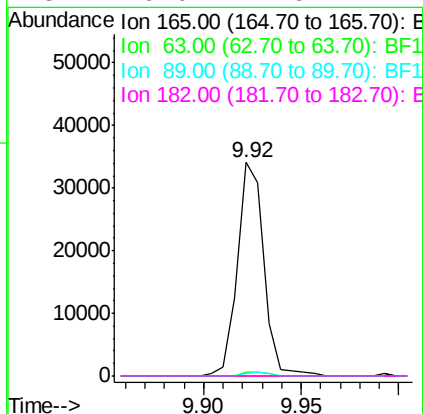
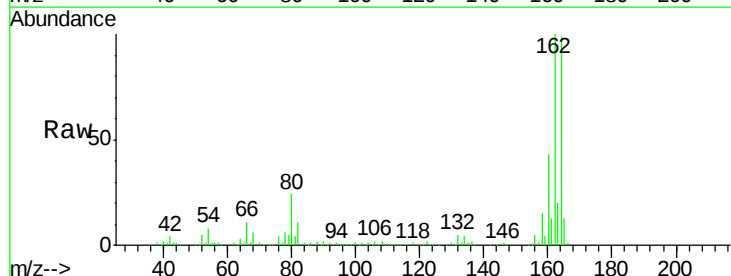
Instrument :
BNA_F
ClientSampled :

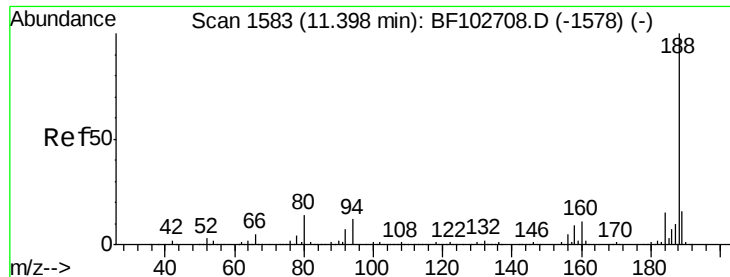
Tot Ion:139 Resp: 114
Ion Ratio Lower Upper
139 100
109 108.7 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.053 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion:165 Resp: 31935
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

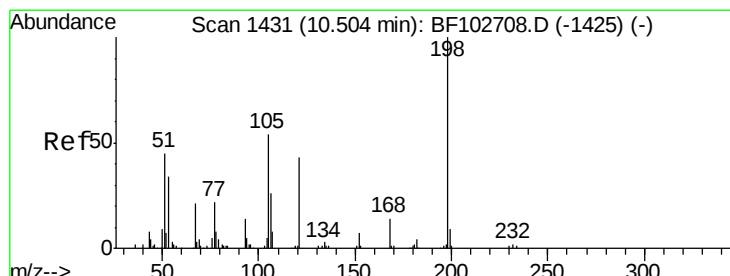
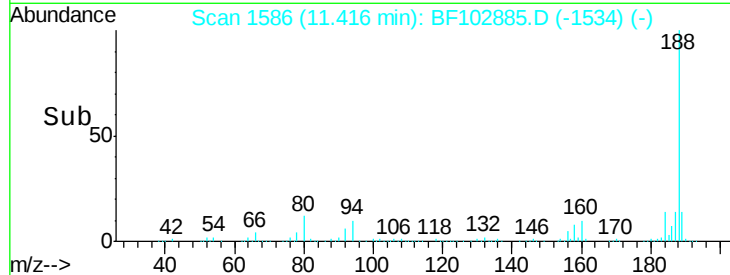
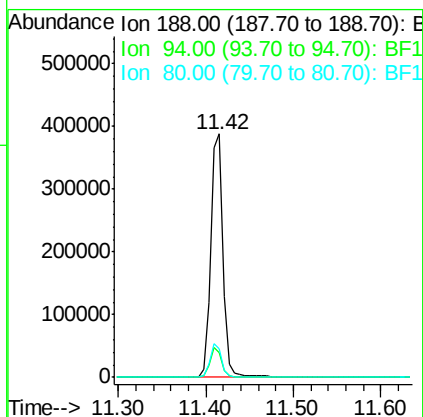
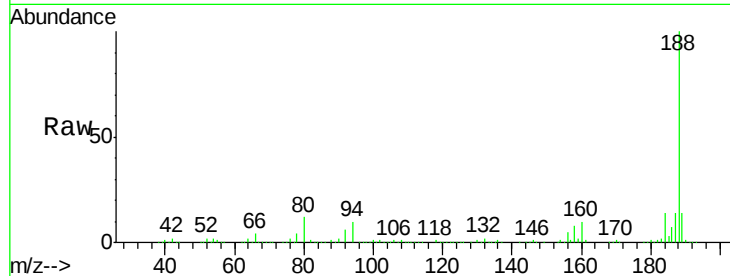




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

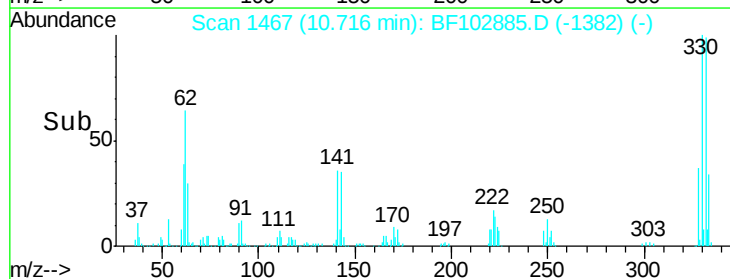
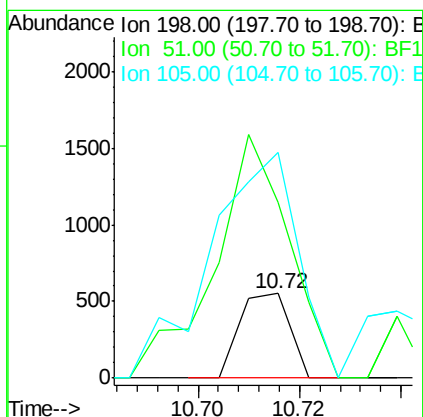
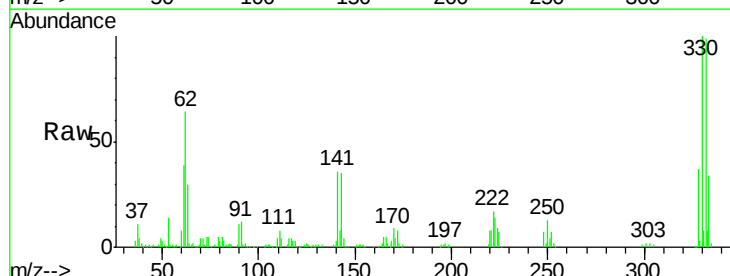
Instrument :
BNA_F
ClientSampled :

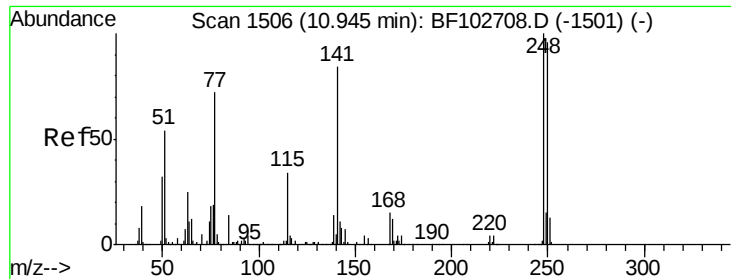
Tot Ion:188 Resp: 375758
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.016 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102885.D
Acq: 9 Feb 2018 13:38

Tgt Ion:198 Resp: 378
Ion Ratio Lower Upper
198 100
51 208.3 37.7 77.7#
105 266.6 36.3 76.3#

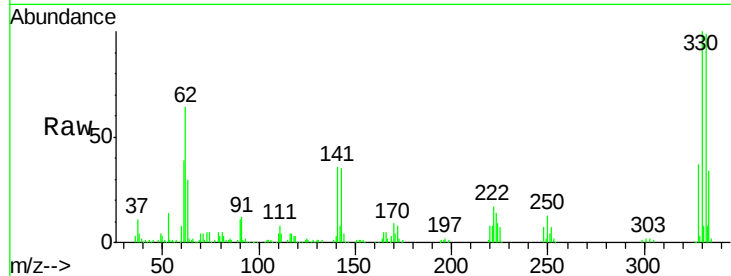




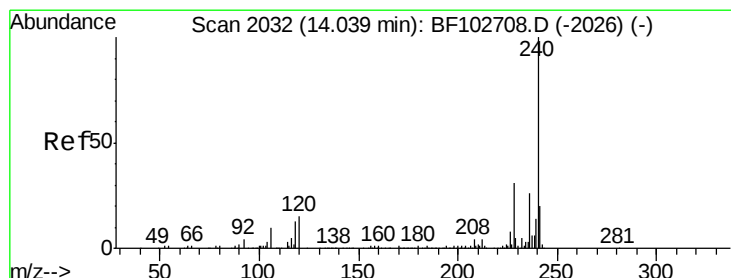
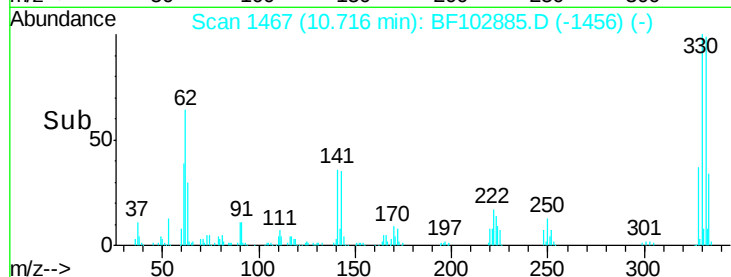
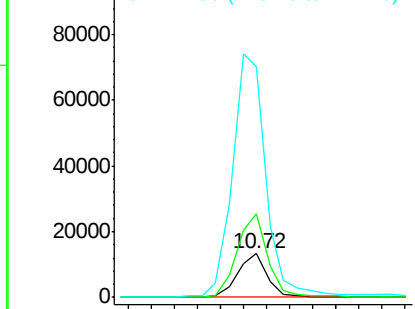
#66
 4-Bromophenyl-phenylether
 Concen: 2.976 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF102885.D
 Acq: 9 Feb 2018 13:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11828
 Ion Ratio Lower Upper
 248 100
 250 192.5 76.9 115.3#
 141 530.8 74.4 111.6#

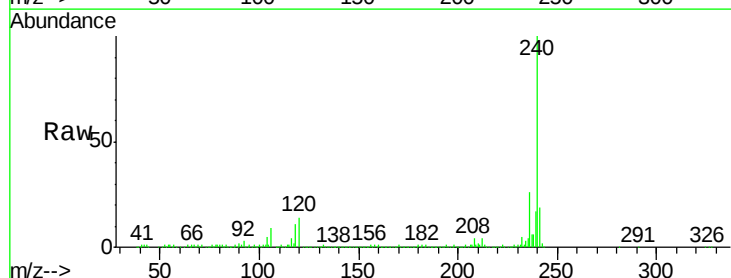


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

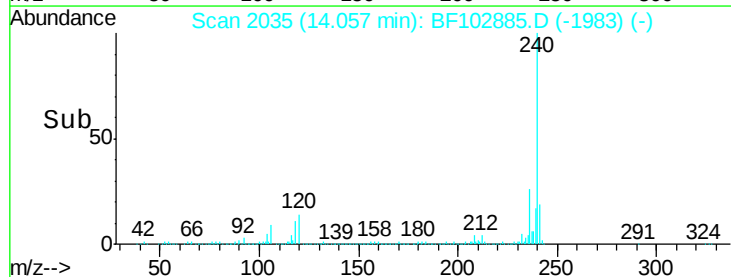
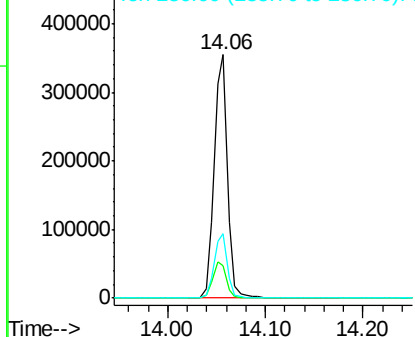


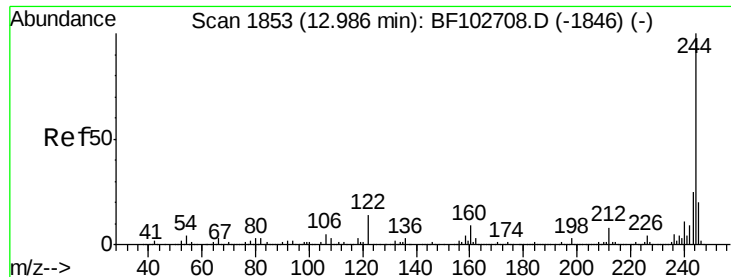
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF102885.D
 Acq: 9 Feb 2018 13:38

Tgt Ion:240 Resp: 333557
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.359 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102885.D

Acq: 9 Feb 2018 13:38

Instrument :

BNA_F

ClientSampleId :

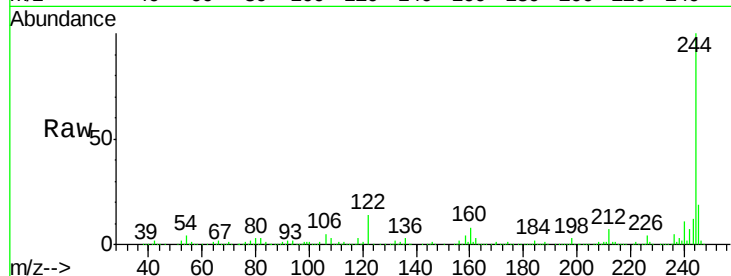
Tot Ion:244 Resp: 709420

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

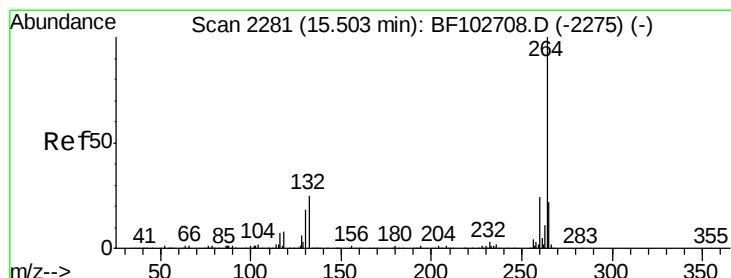
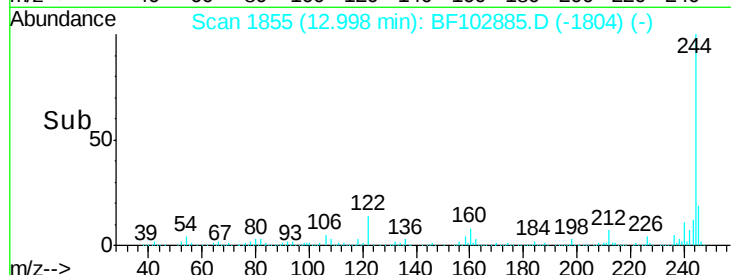
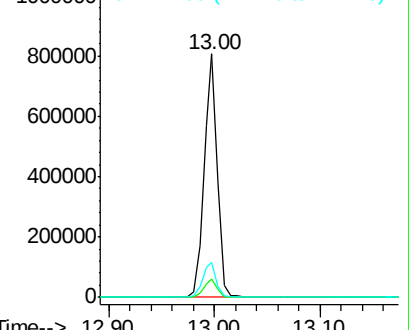
122 14.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102885.D

Acq: 9 Feb 2018 13:38

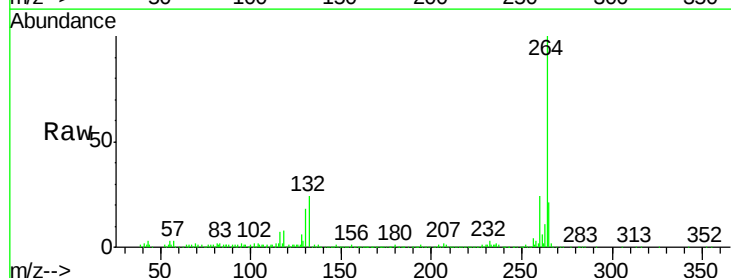
Tgt Ion:264 Resp: 322016

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

