

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113192.D
 Acq On : 21 Mar 2019 2:24
 Operator : JU/SJ
 Sample : K1943-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:24:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122972	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	432871	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	206302	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	382550	20.00	ng	0.00
76) Chrysene-d12	13.86	240	350527	20.00	ng	0.00
87) Perylene-d12	15.27	264	255136	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	794018	100.44	ng	0.02
7) Phenol-d6	6.37	99	918592	92.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	619272	85.61	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	301536	137.68	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1247244	107.64	ng	0.00
79) Terphenyl-d14	12.82	244	1314970	72.72	ng	0.00

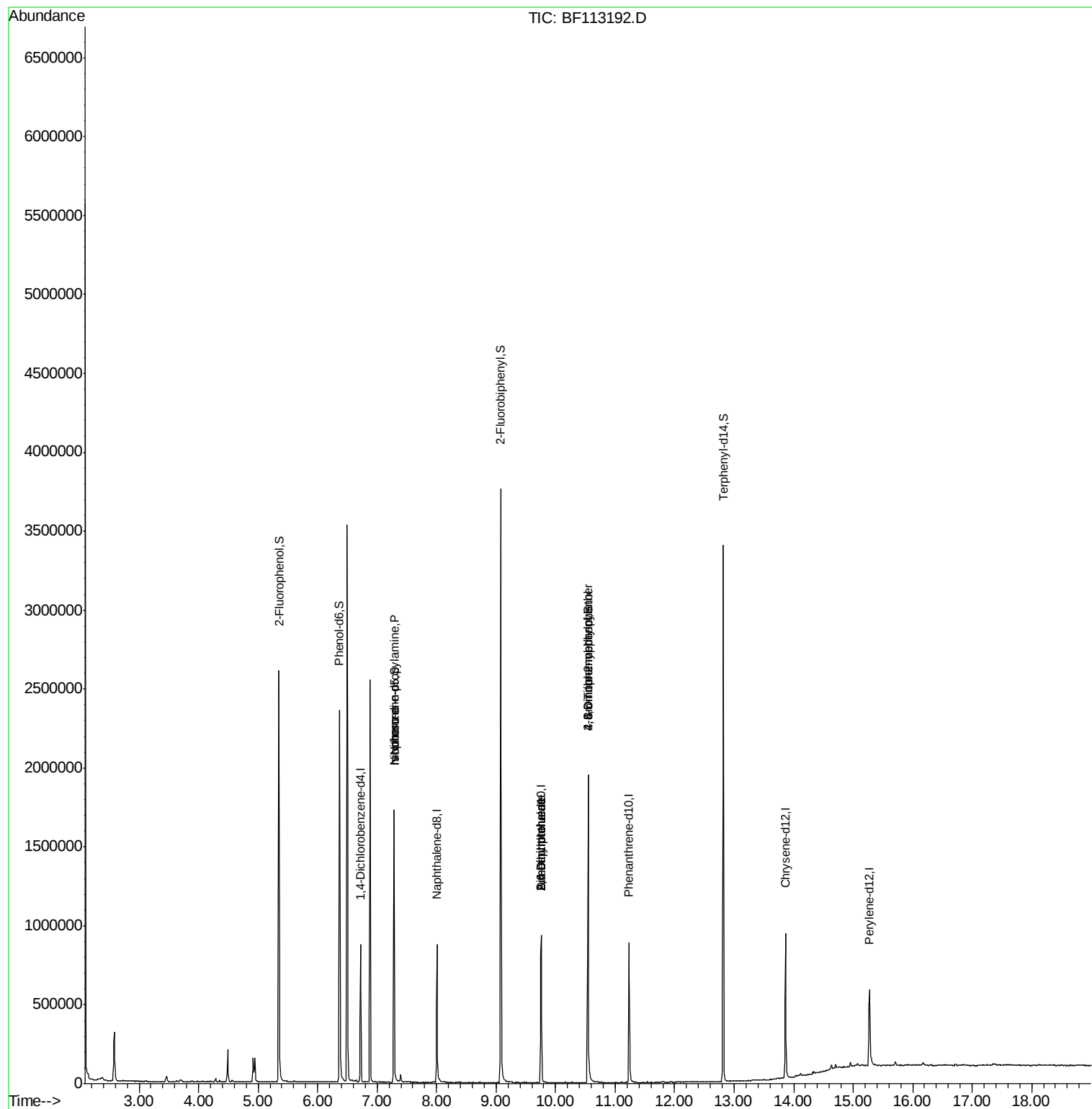
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	81782	13.003	ng	# 74
25) Isophorone	7.29	82	598672	38.414	ng	# 65
50) Dimethylphthalate	9.76	163	52829	3.473	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	26579	8.391	ng	# 25
57) 2,4-Dinitrotoluene	9.76	165	26579	6.750	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.55	198	415	4.851	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	17129	4.251	ng	# 1

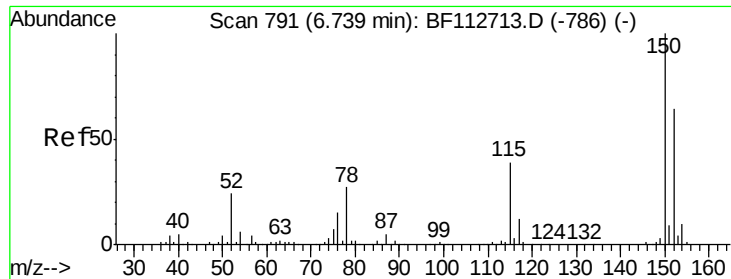
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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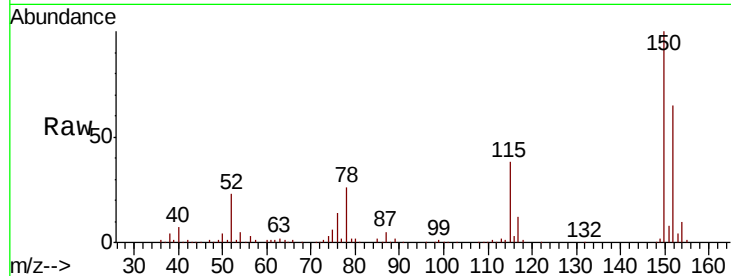


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113192.D
Acq: 21 Mar 2019 2:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.6
115	59.0	45.9	68.9

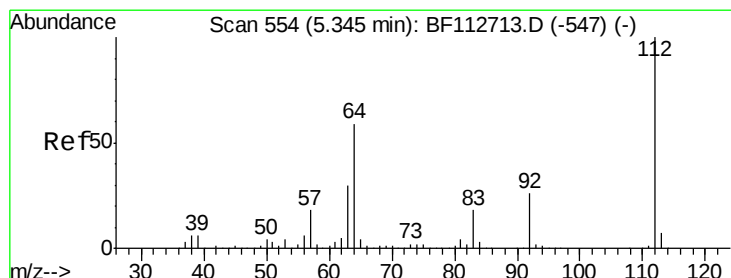
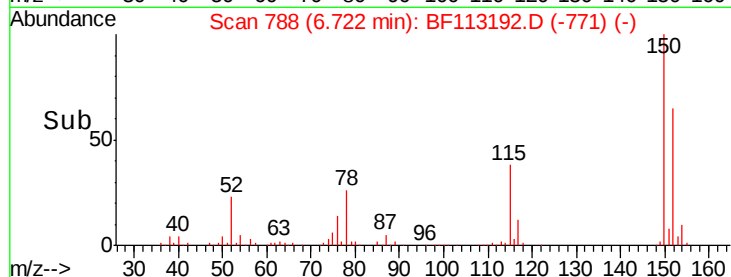
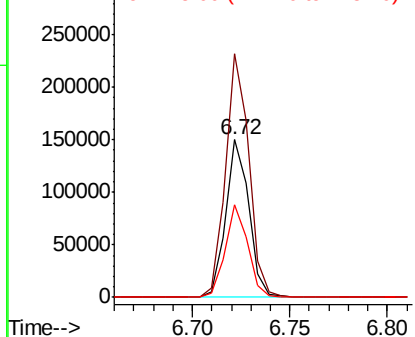


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

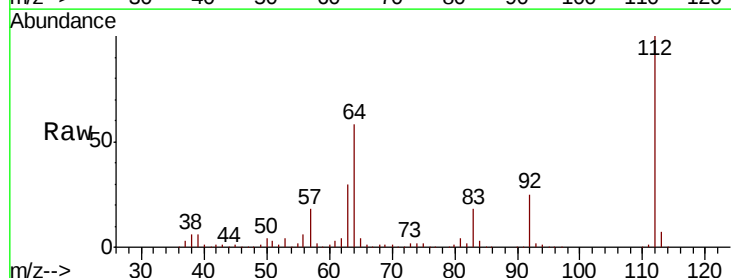
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.440 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF113192.D
Acq: 21 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	49.3	73.9
63	29.7	25.4	38.2

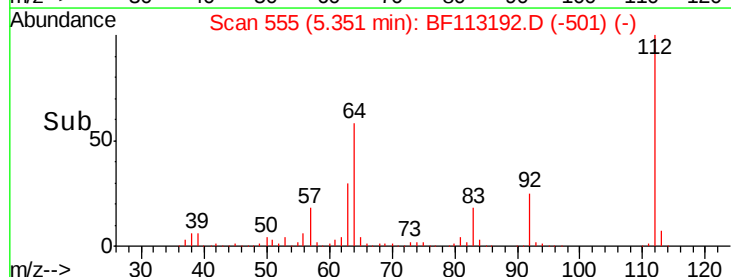
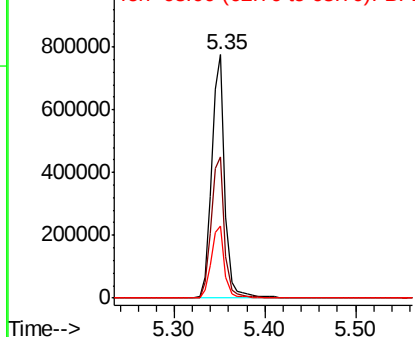


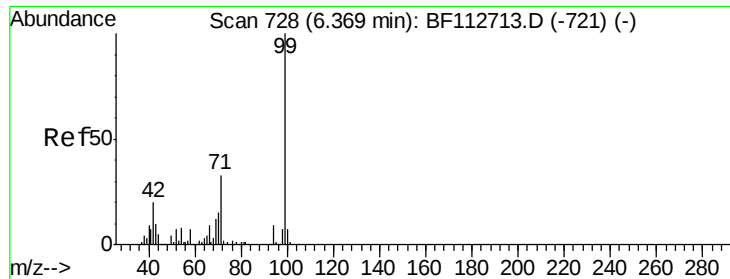
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.502 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113192.D

Acq: 21 Mar 2019 2:24

Instrument :

BNA_F

ClientSampled :

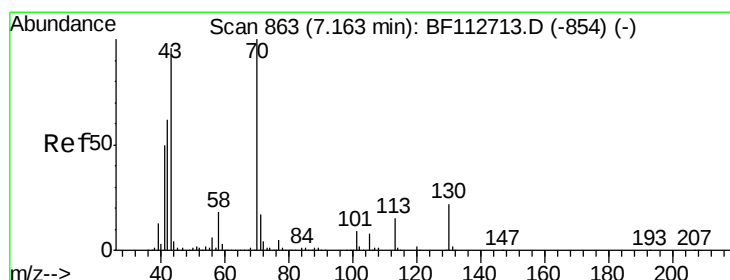
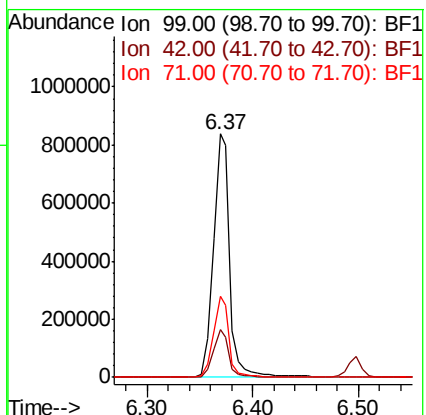
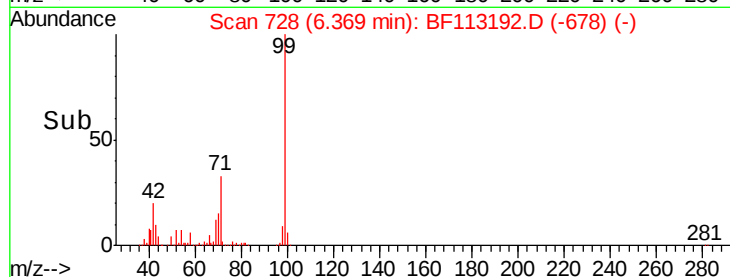
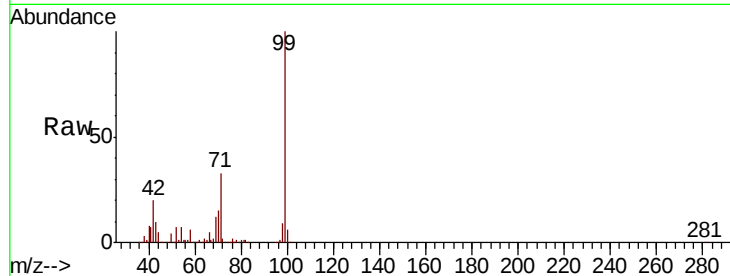
Tot Ion: 99 Resp: 918592

Ion Ratio Lower Upper

99 100

42 19.5 15.2 22.8

71 33.2 25.7 38.5



#19

n-Nitroso-di-n-propylamine

Concen: 13.003 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF113192.D

Acq: 21 Mar 2019 2:24

Tgt Ion: 70 Resp: 81782

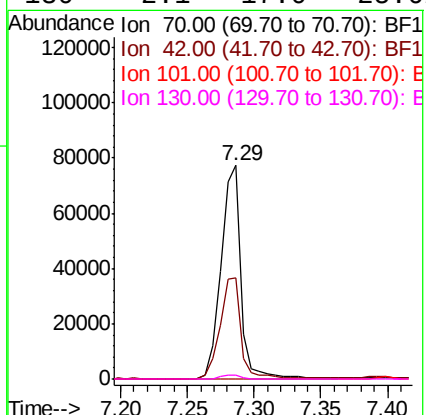
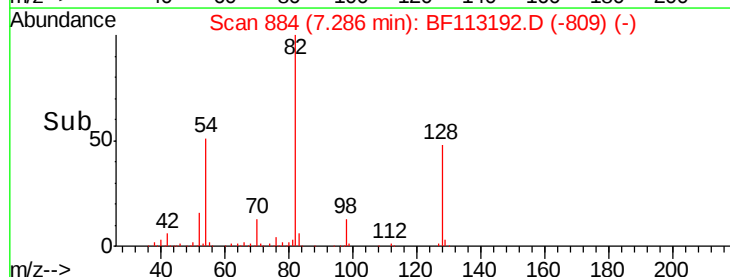
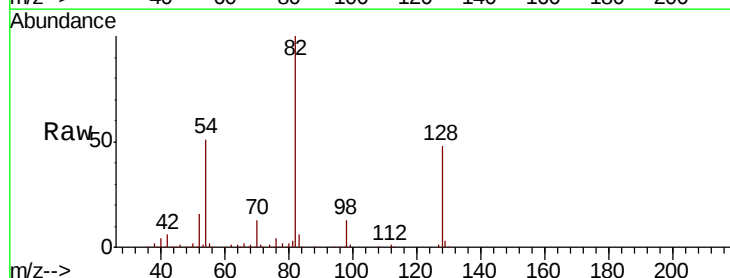
Ion Ratio Lower Upper

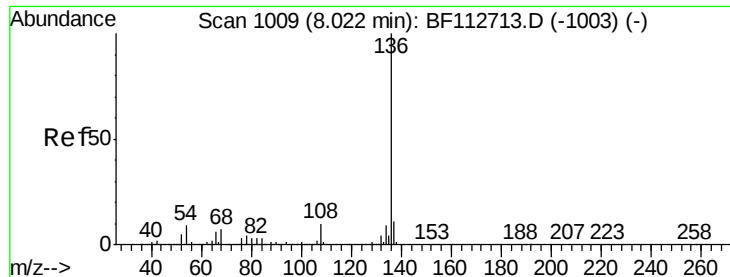
70 100

42 47.2 50.4 75.6#

101 0.0 7.5 11.3#

130 2.1 17.0 25.6#

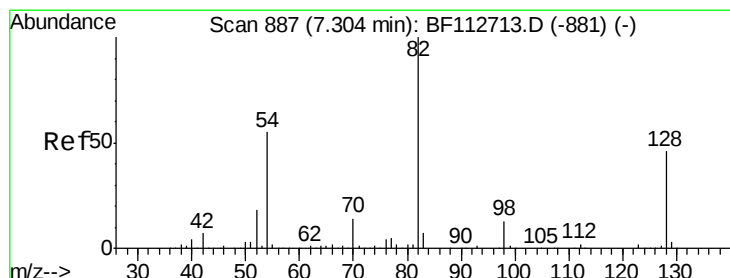
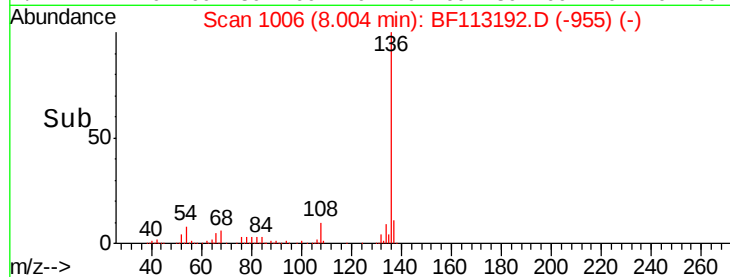
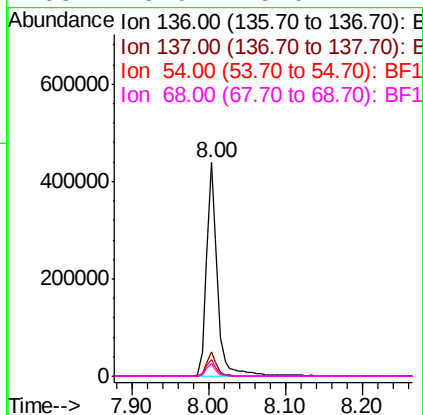
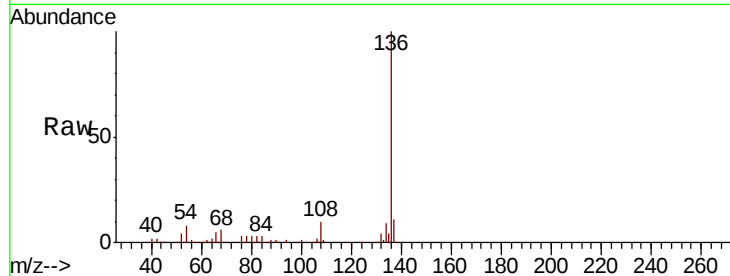




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113192.D
Acq: 21 Mar 2019 2:24

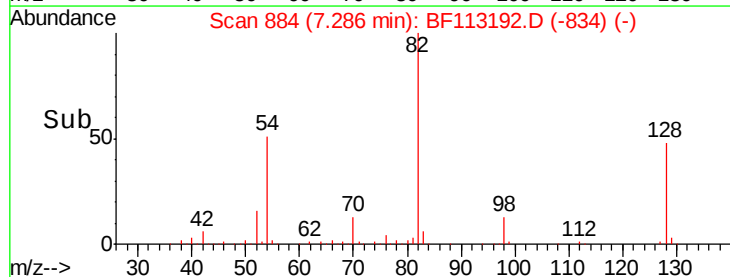
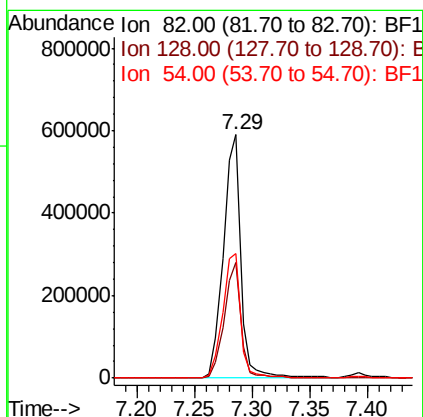
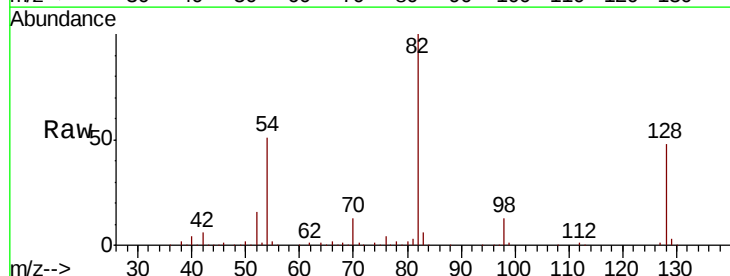
Instrument :
BNA_F
ClientSampleId :

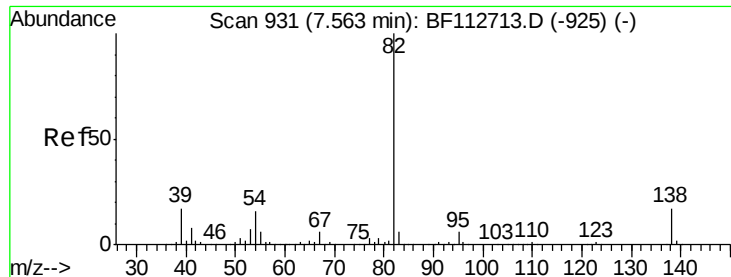
Tot Ion:136	Resp:	432871
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.0	7.0 10.6
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 85.605 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113192.D
Acq: 21 Mar 2019 2:24

Tgt Ion: 82	Resp:	619272
Ion Ratio	Lower	Upper
82	100	
128	47.7	37.9 56.9
54	50.9	41.2 61.8





#25

Isophorone

Concen: 38.414 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF113192.D

Acq: 21 Mar 2019 2:24

Instrument :

BNA_F

ClientSampleId :

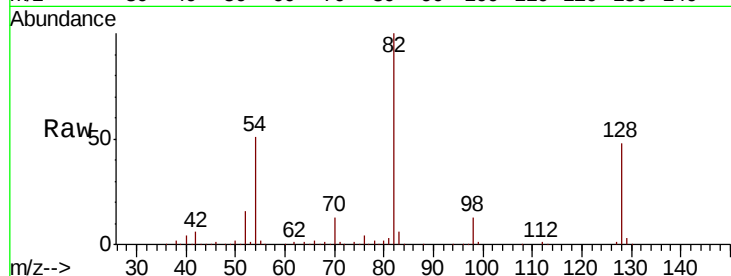
Tot Ion: 82 Resp: 598672

Ion Ratio Lower Upper

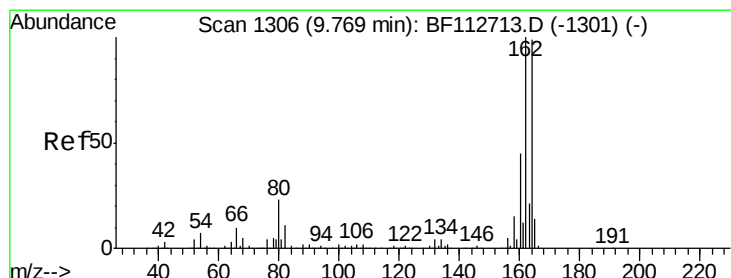
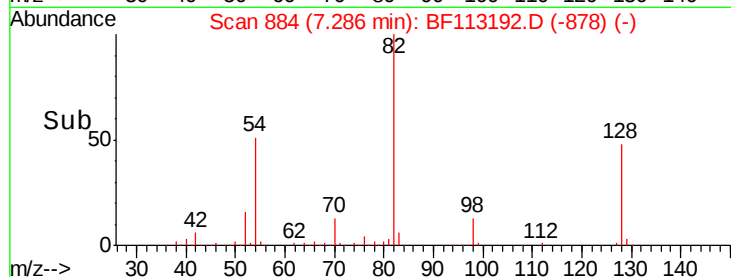
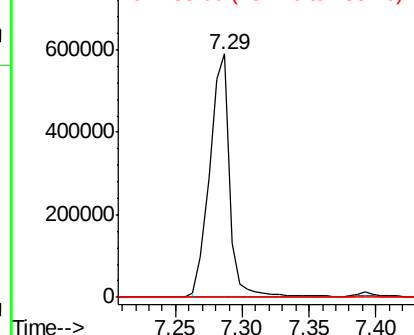
82 100

95 0.0 5.6 8.4#

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113192.D

Acq: 21 Mar 2019 2:24

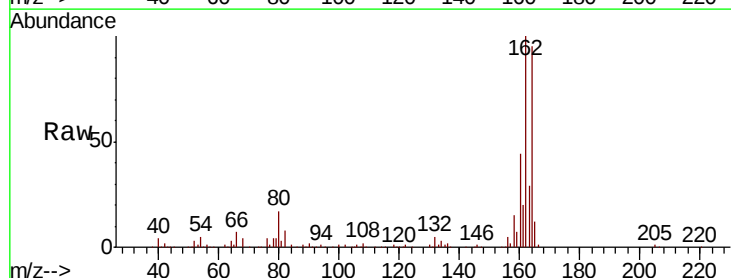
Tgt Ion:164 Resp: 206302

Ion Ratio Lower Upper

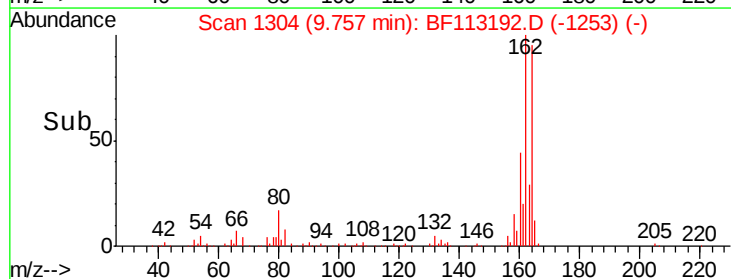
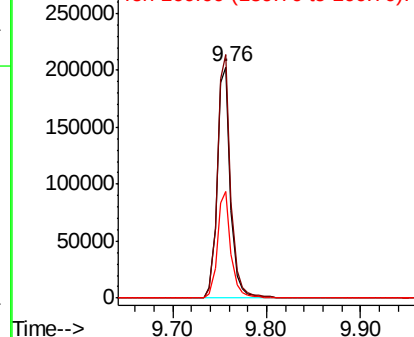
164 100

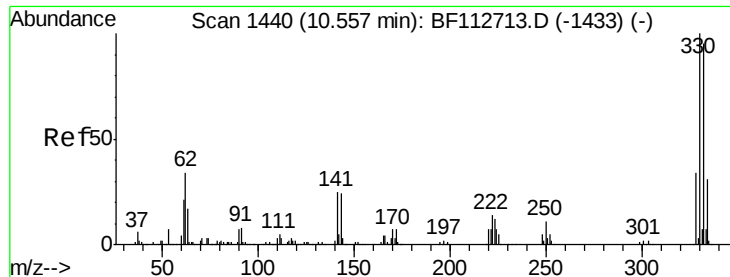
162 105.2 80.8 121.2

160 46.2 36.2 54.2



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

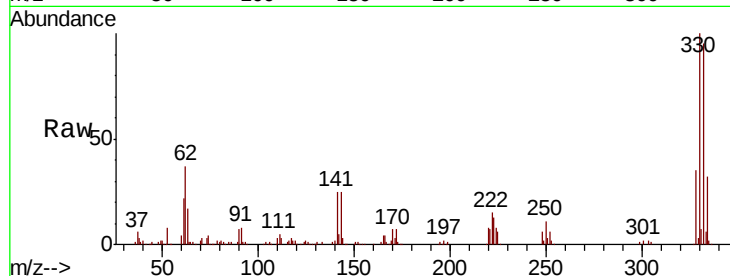




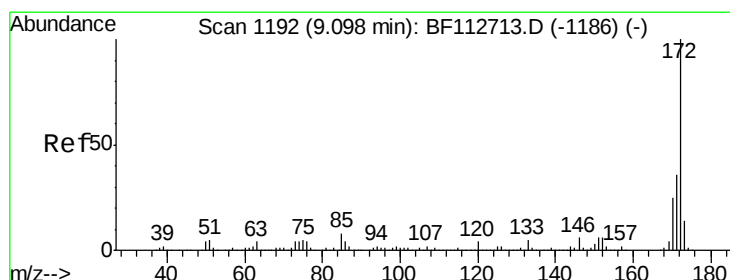
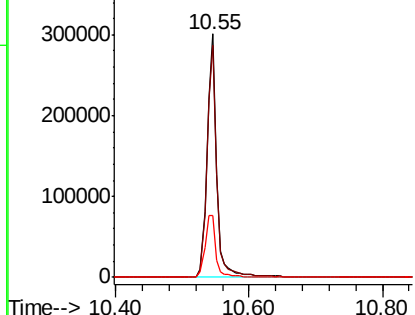
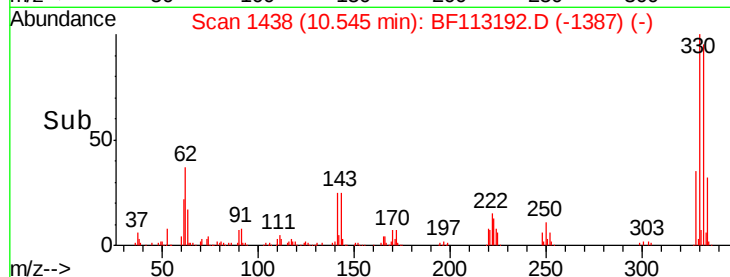
#42
 2,4,6-Tribromophenol
 Concen: 137.678 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.3	114.5
141	28.9	22.3	33.5

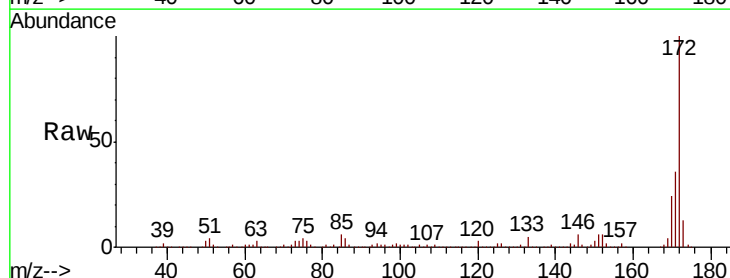


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

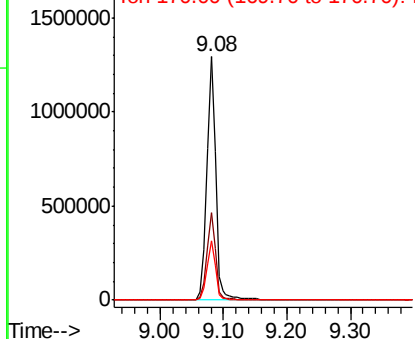
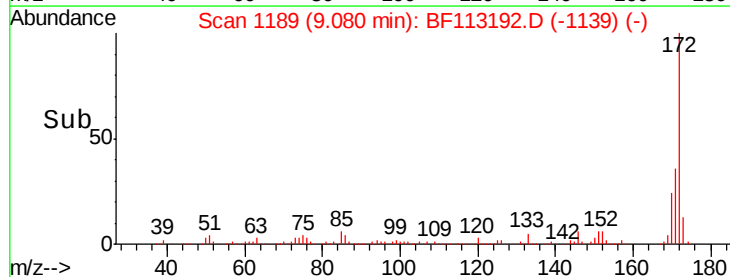


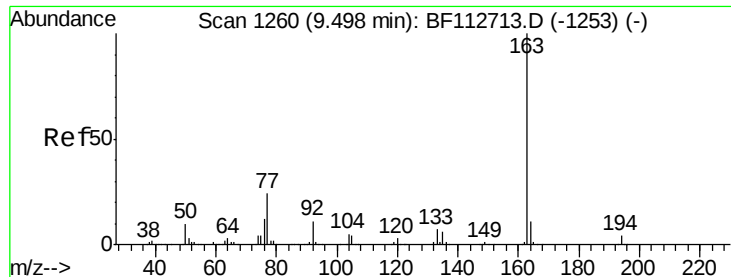
#45
 2-Fluorobiphenyl
 Concen: 107.640 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.2	20.1	30.1



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





#50

Dimethylphthalate

Concen: 3.473 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.27 min

Lab File: BF113192.D

Acq: 21 Mar 2019 2:24

Instrument :

BNA_F

ClientSampled :

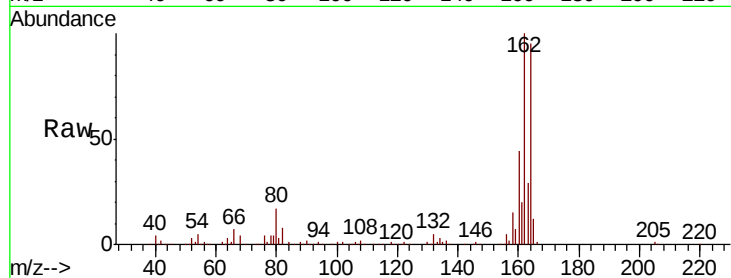
Tot Ion:163 Resp: 52829

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

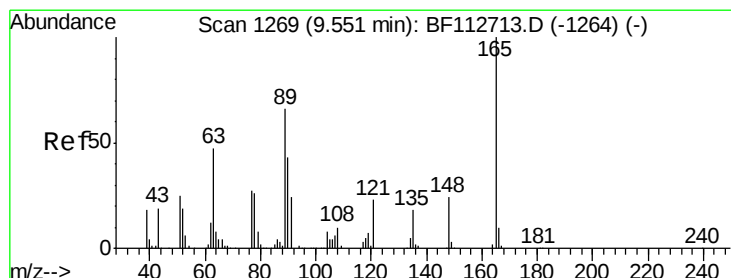
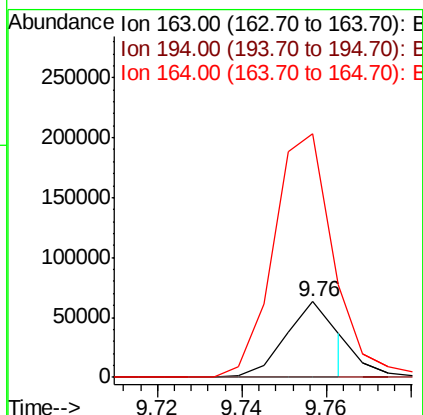
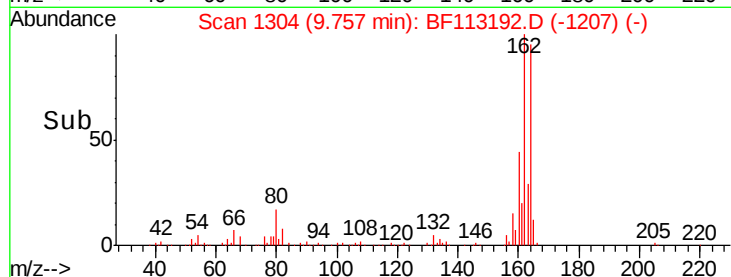
164 322.9 8.6 12.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.391 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF113192.D

Acq: 21 Mar 2019 2:24

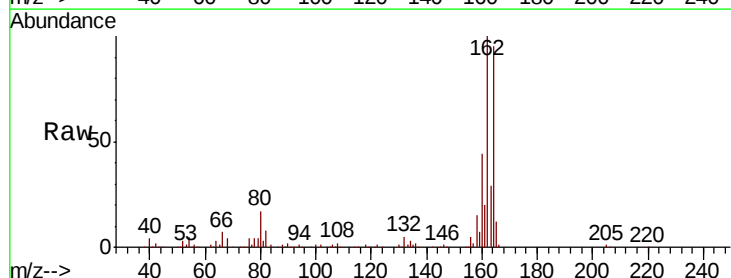
Tgt Ion:165 Resp: 26579

Ion Ratio Lower Upper

165 100

63 1.3 45.4 68.2#

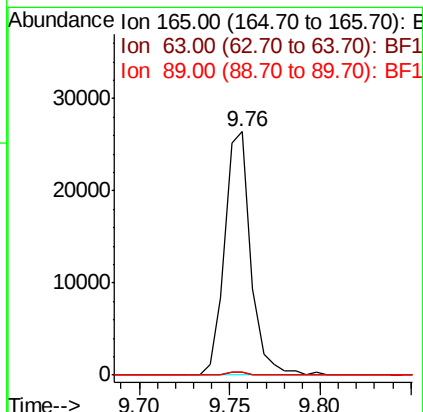
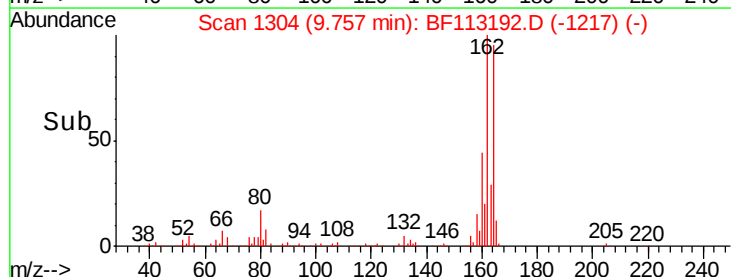
89 1.2 43.8 65.6#

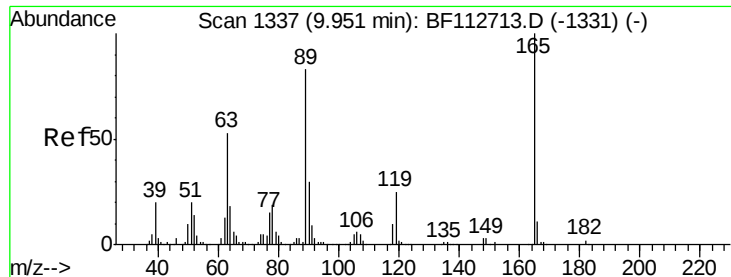


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

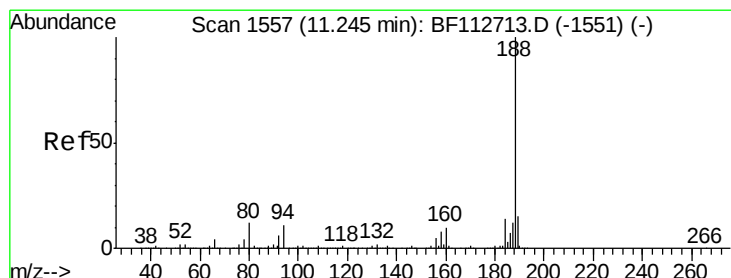
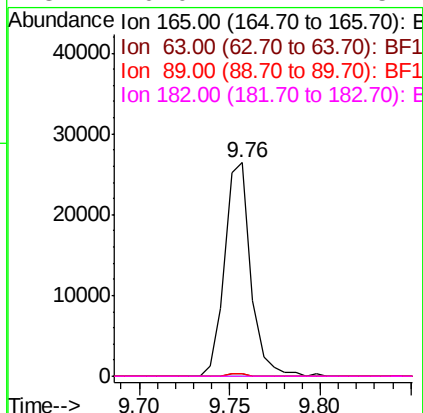
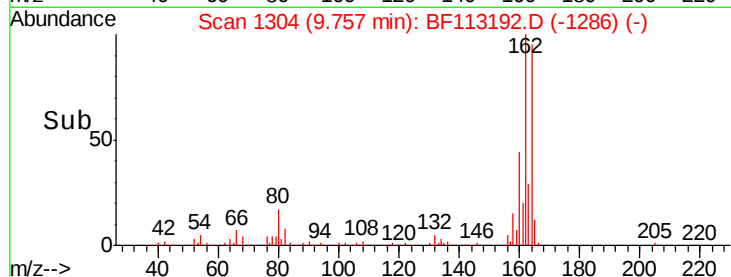
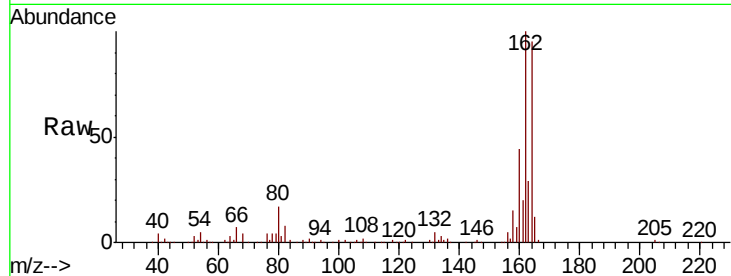




#57
 2,4-Dinitrotoluene
 Concen: 6.750 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

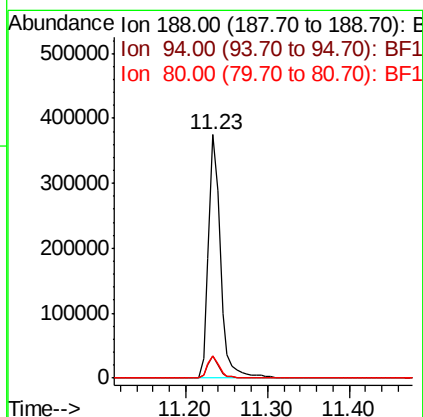
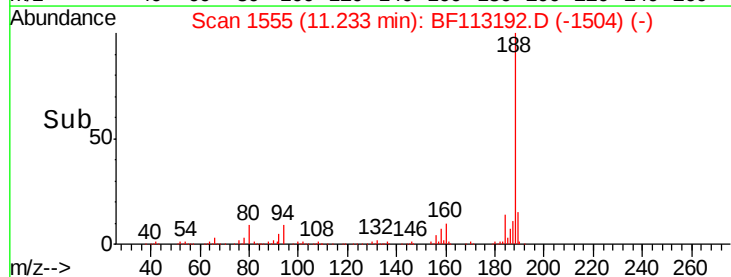
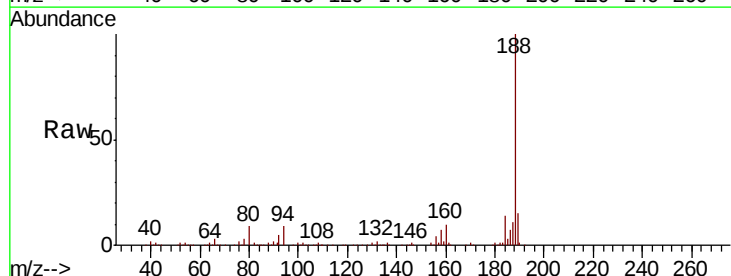
Instrument :
 BNA_F
 ClientSampleId :

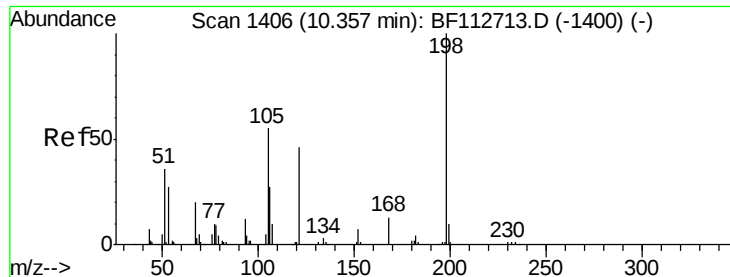
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.9	56.9#
89	1.2	58.5	87.7#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.4	7.9	11.9

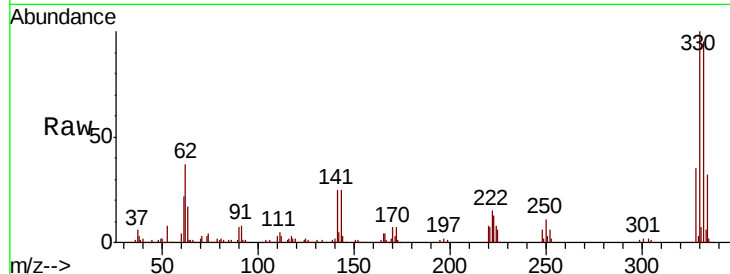




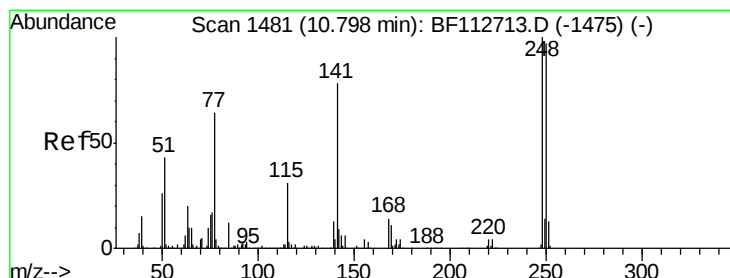
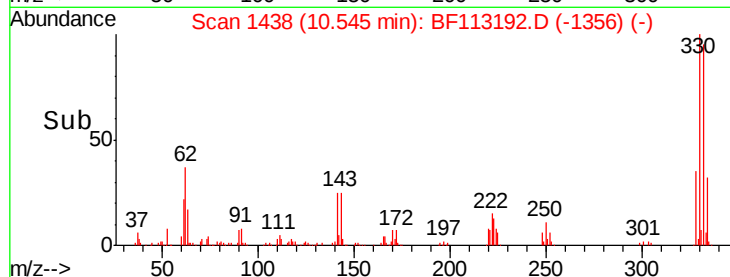
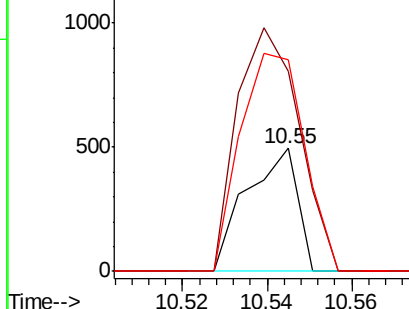
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.851 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	162.6	25.5	65.5#
105	171.9	23.2	63.2#

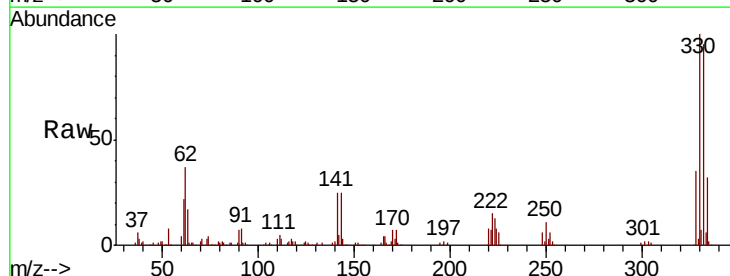


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

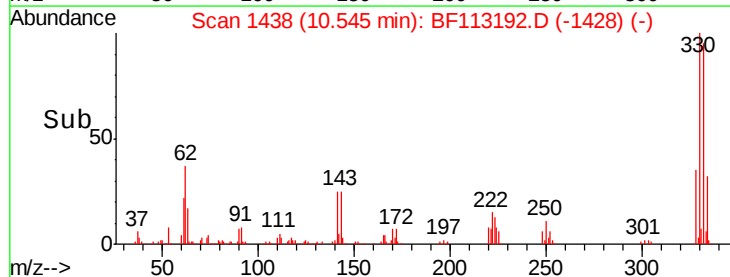
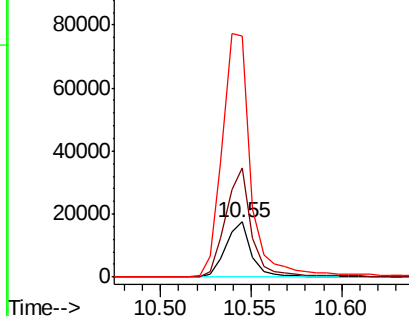


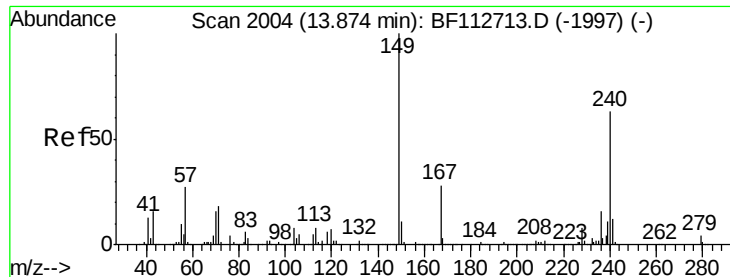
#67
 4-Bromophenyl-phenylether
 Concen: 4.251 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.4	117.6#
141	438.8	45.9	68.9#



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

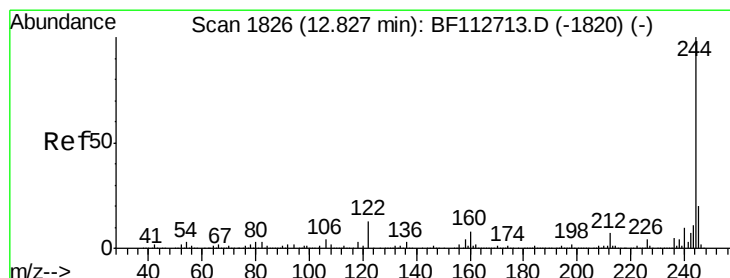
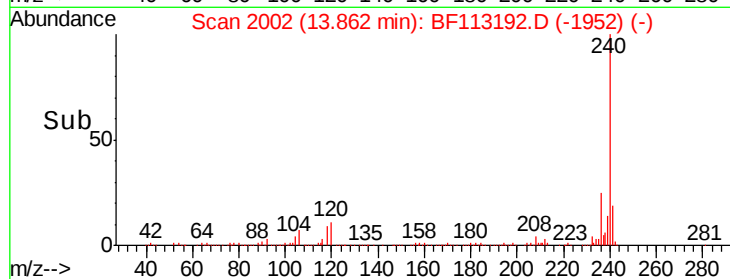
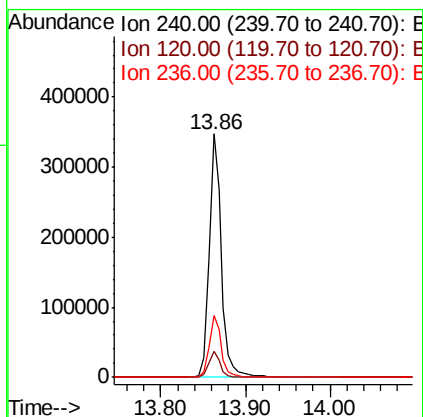
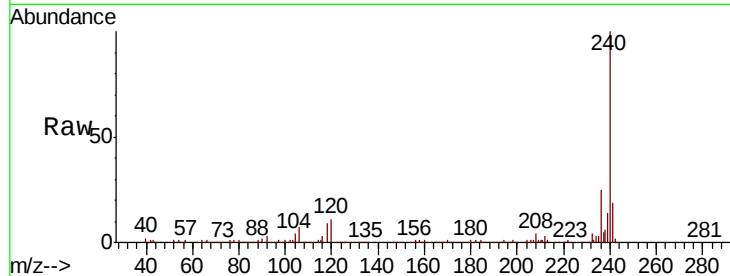




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

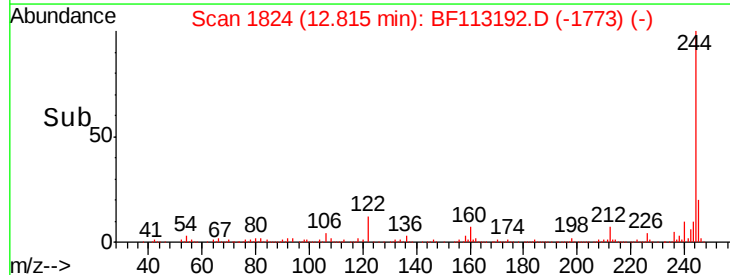
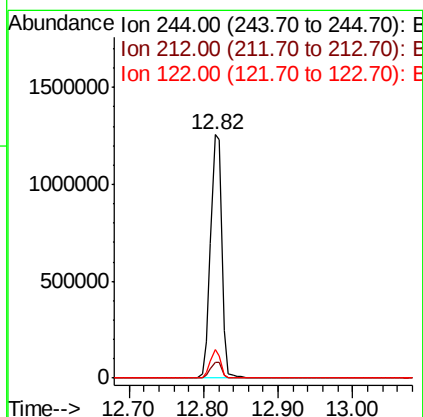
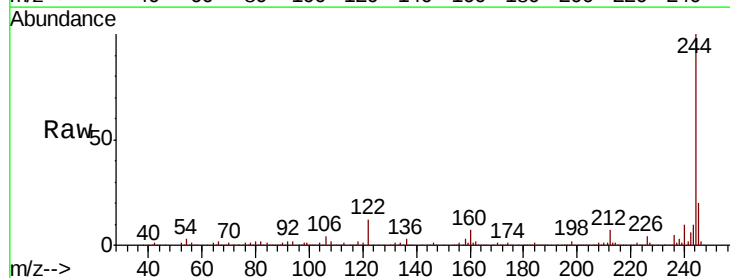
Instrument :
 BNA_F
 ClientSampleId :

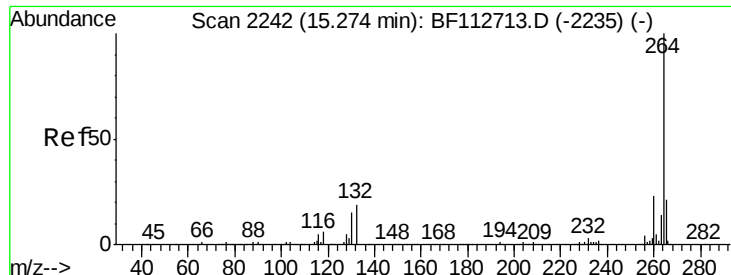
Tot Ion:240 Resp: 350527
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 12.8
 236 25.5 21.2 31.8



#79
 Terphenyl-d14
 Concen: 72.721 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113192.D
 Acq: 21 Mar 2019 2:24

Tgt Ion:244 Resp: 1314970
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 11.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF113192.D
Acq: 21 Mar 2019 2:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.7	26.5

