

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113195.D
 Acq On : 21 Mar 2019 3:53
 Operator : JU/SJ
 Sample : K1943-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:25:23 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	133895	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	457384	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226695	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	437108	20.00	ng	0.00
76) Chrysene-d12	13.86	240	382758	20.00	ng	0.00
87) Perylene-d12	15.27	264	292966	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	805602	93.59	ng	0.01
7) Phenol-d6	6.37	99	903352	83.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	653754	85.53	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	313581	130.30	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1304211	99.91	ng	0.00
79) Terphenyl-d14	12.82	244	1478512	74.88	ng	0.00

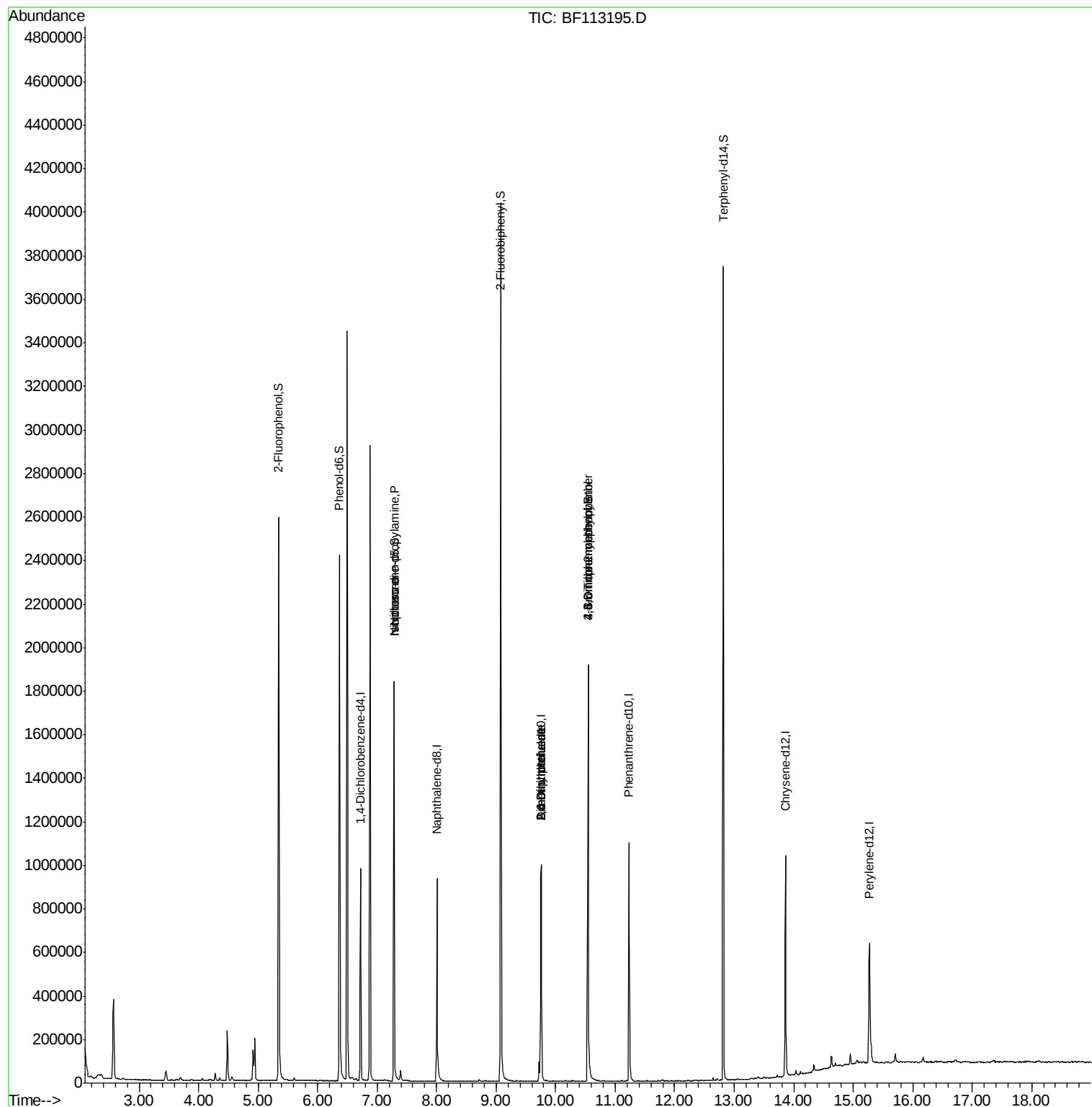
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	87317	12.751	ng	# 76
25) Isophorone	7.29	82	635529	38.594	ng	# 65
50) Dimethylphthalate	9.76	163	58624	3.507	ng	# 1
51) 2,6-Dinitrotoluene	9.75	165	29174	8.381	ng	# 24
57) 2,4-Dinitrotoluene	9.75	165	29174	6.743	ng	# 22
65) 4,6-Dinitro-2-methylphenol	10.54	198	388	4.808	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	16610	3.608	ng	# 1

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

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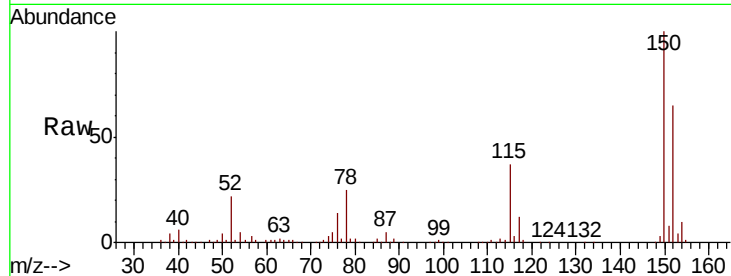


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.6
115	57.1	45.9	68.9

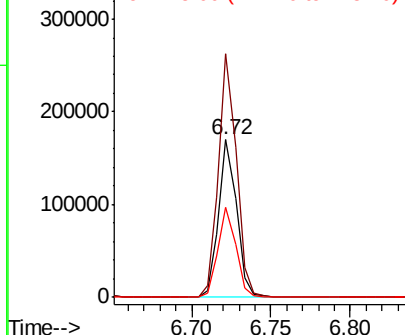
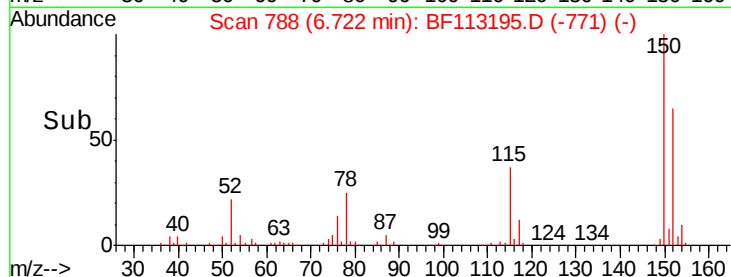


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

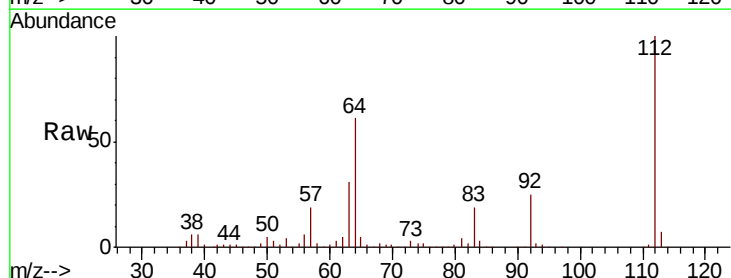
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.592 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.3	73.9
63	31.4	25.4	38.2

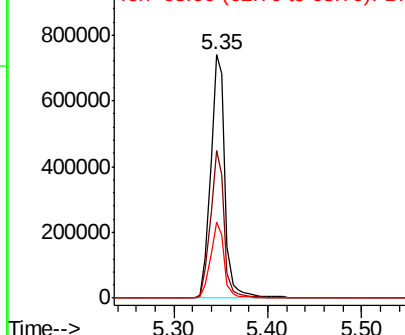
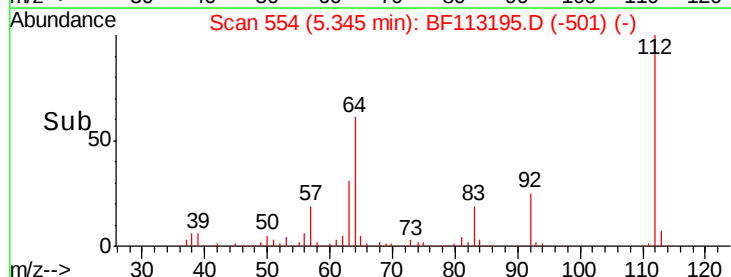


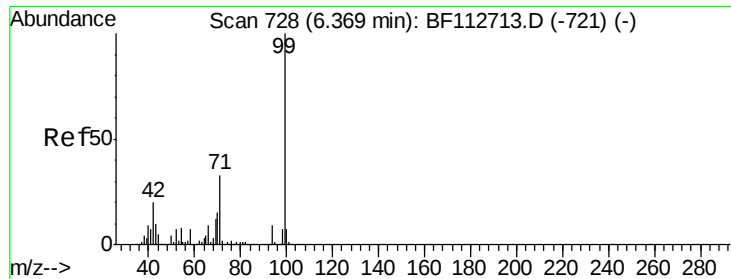
Abundance

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: 83.547 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

Instrument :

BNA_F

ClientSampled :

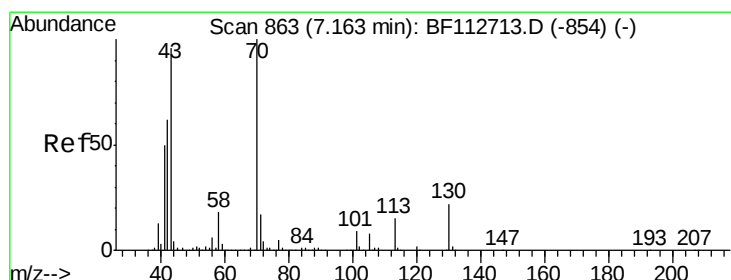
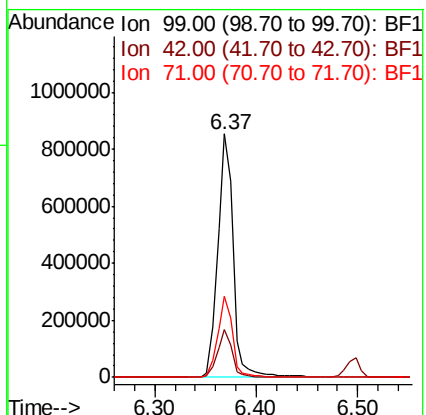
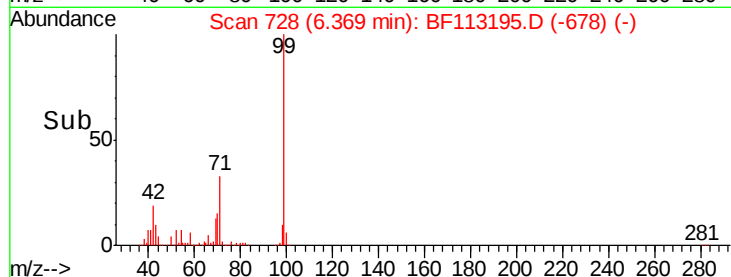
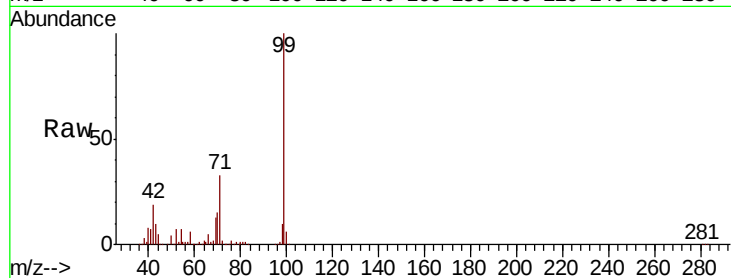
Tot Ion: 99 Resp: 903352

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

71 33.2 25.7 38.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.751 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

Tgt Ion: 70 Resp: 87317

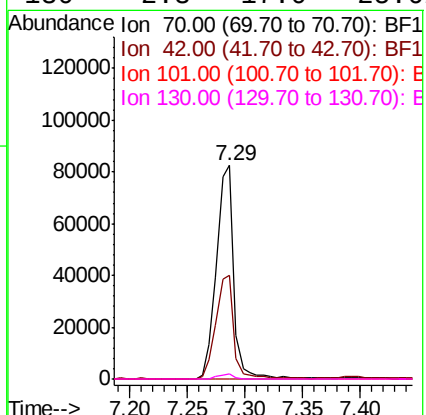
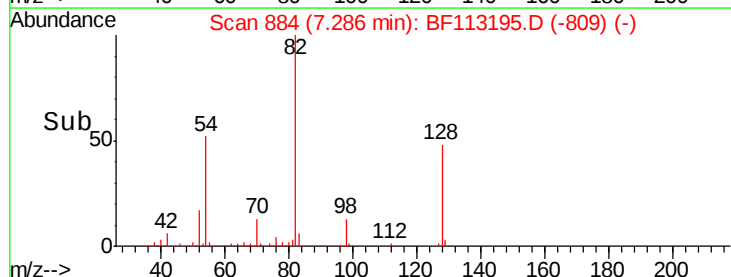
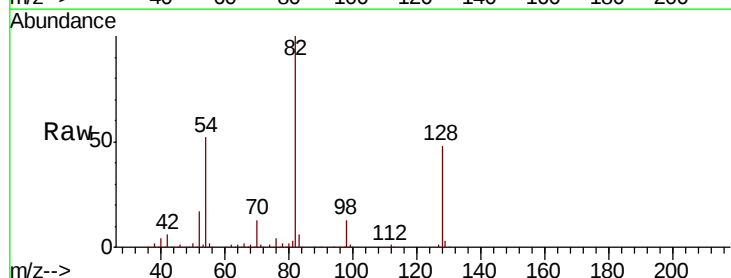
Ion Ratio Lower Upper

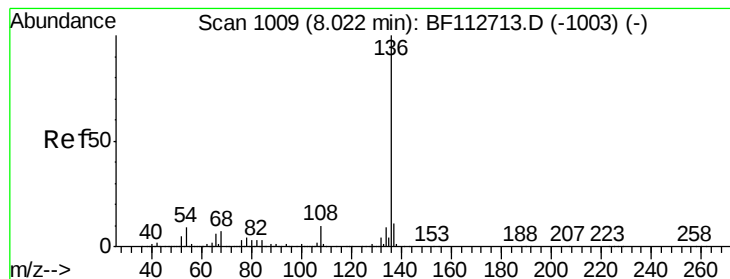
70 100

42 48.9 50.4 75.6#

101 0.0 7.5 11.3#

130 2.3 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: BF113195.D

Acq: 21 Mar 2019 3:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 457384

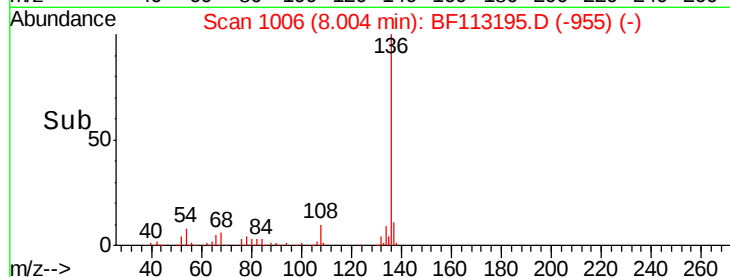
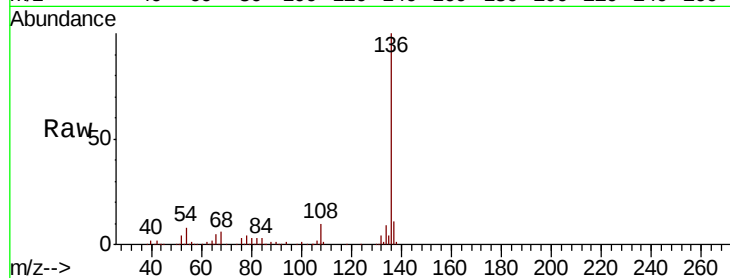
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 5.6 5.0 7.4

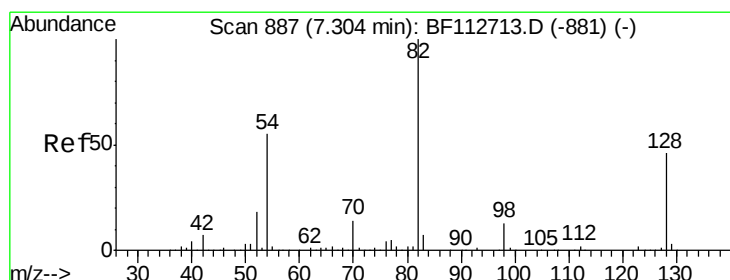
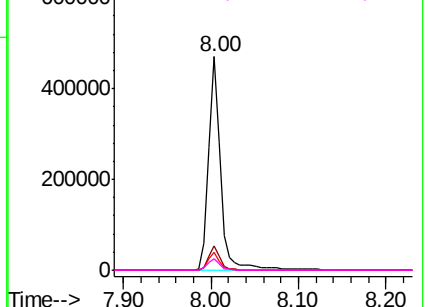


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.528 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

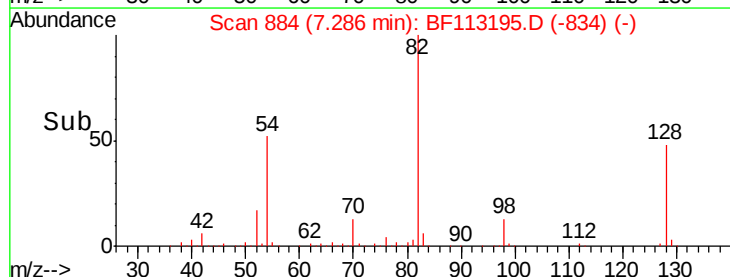
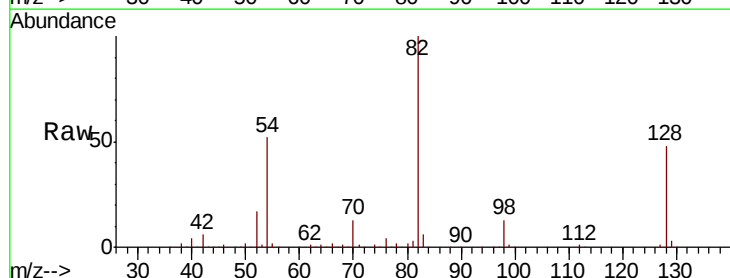
Tgt Ion: 82 Resp: 653754

Ion Ratio Lower Upper

82 100

128 47.6 37.9 56.9

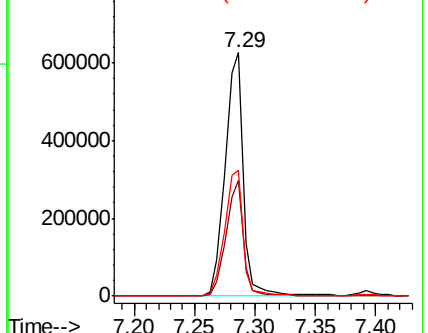
54 51.6 41.2 61.8

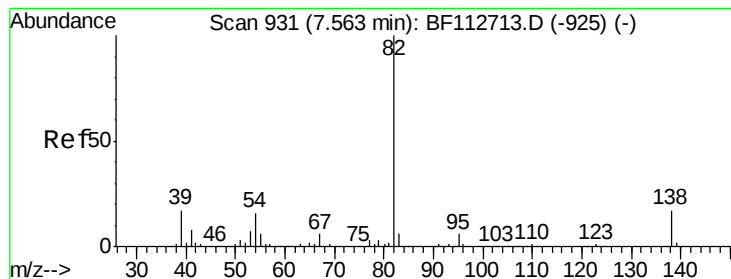


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.594 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

Instrument :

BNA_F

ClientSampleId :

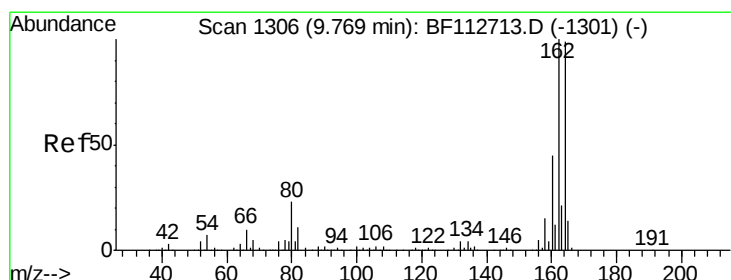
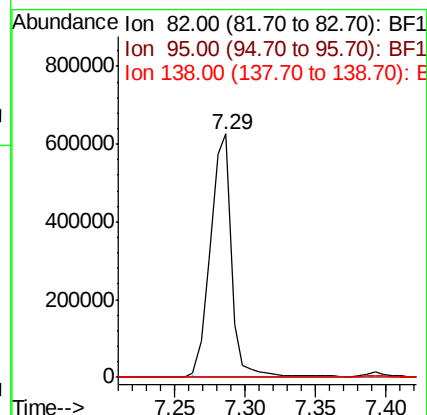
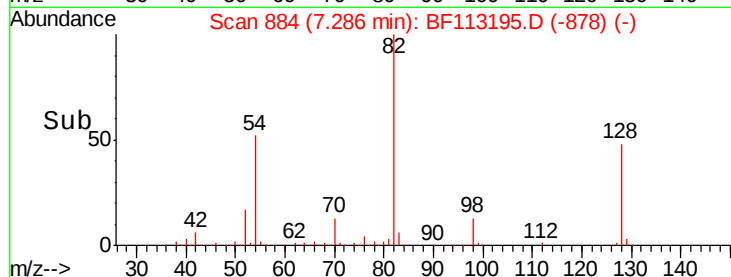
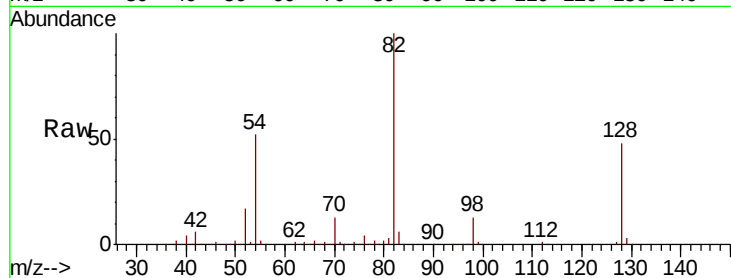
Tot Ion: 82 Resp: 635529

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

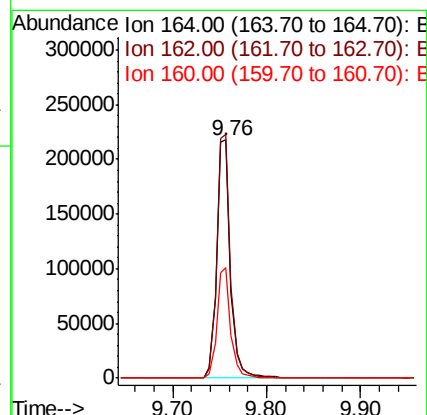
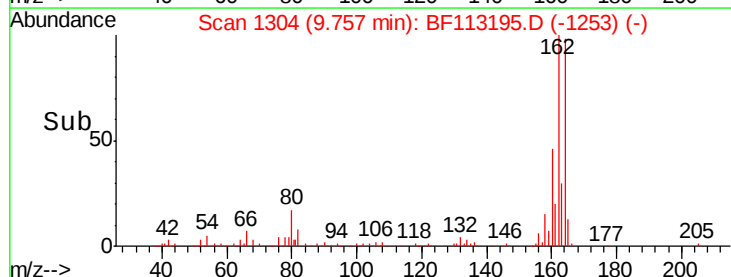
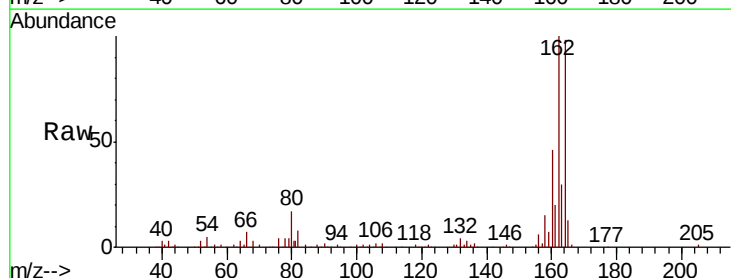
Tgt Ion: 164 Resp: 226695

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 46.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 130.298 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

Instrument :

BNA_F

ClientSampleId :

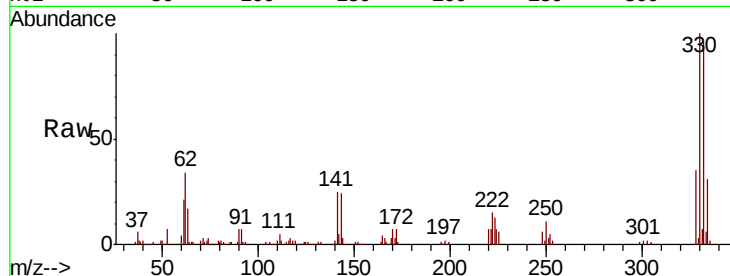
Tot Ion:330 Resp: 313581

Ion Ratio Lower Upper

330 100

332 96.2 76.3 114.5

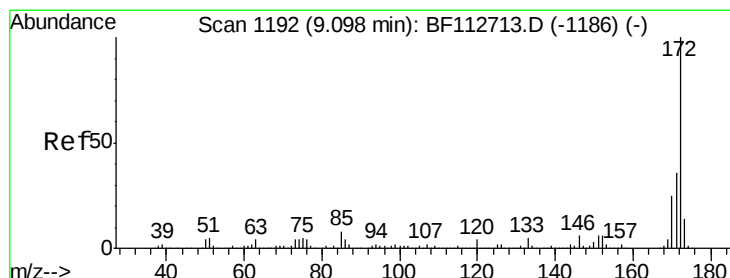
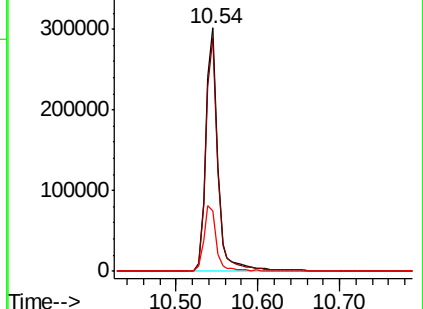
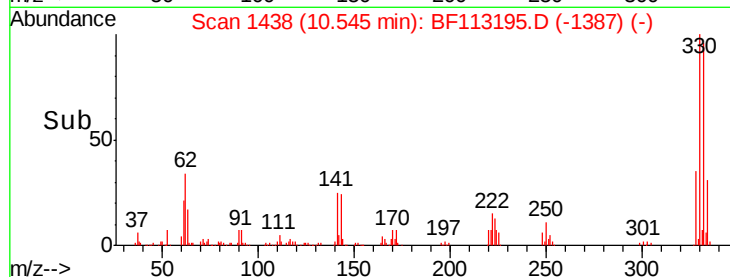
141 28.4 22.3 33.5



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: 99.913 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

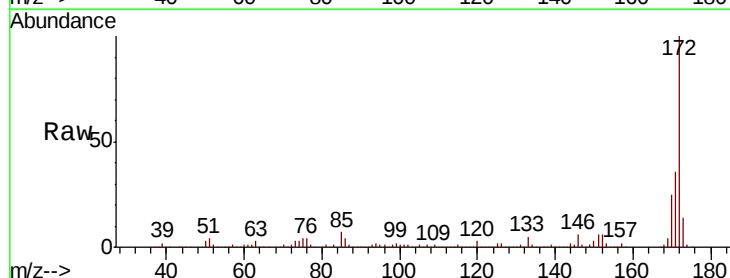
Tgt Ion:172 Resp: 1304211

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

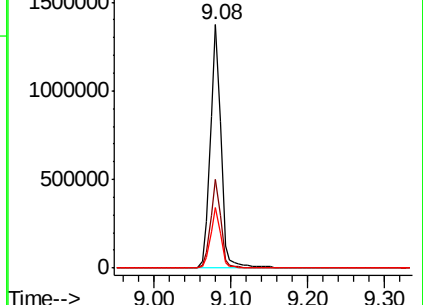
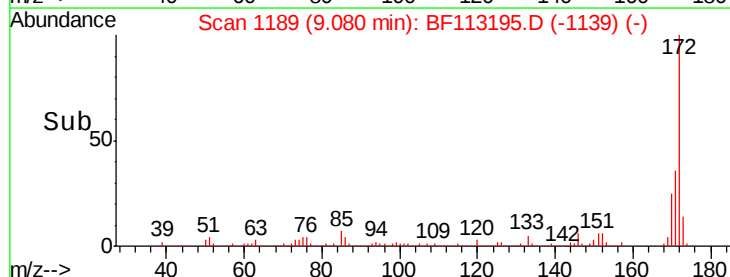
170 24.6 20.1 30.1

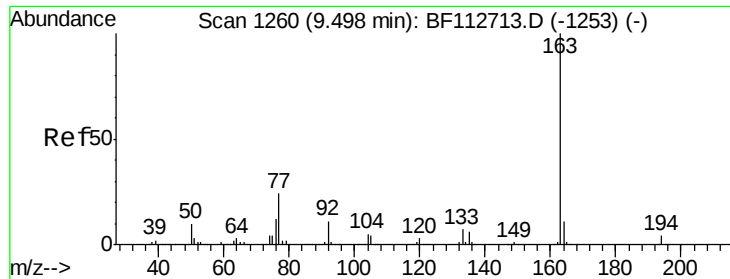


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

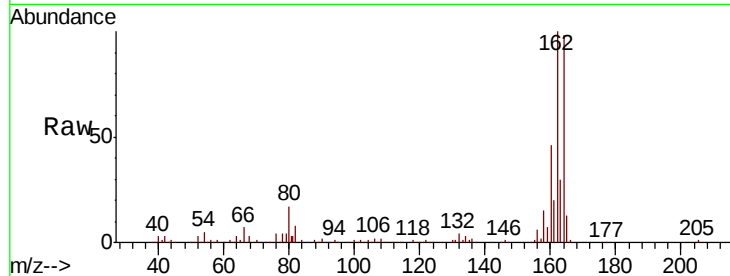




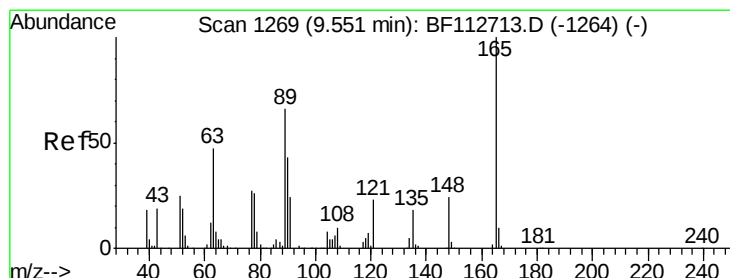
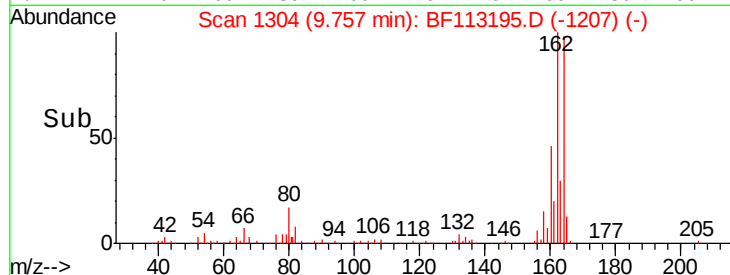
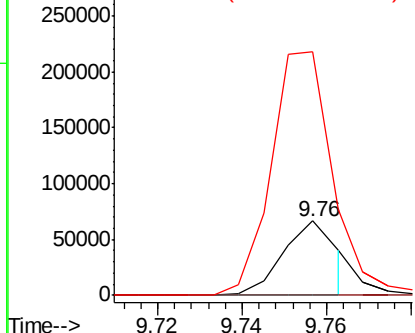
#50
Dimethylphthalate
Concen: 3.507 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.27 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 58624
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 327.5 8.6 12.8#

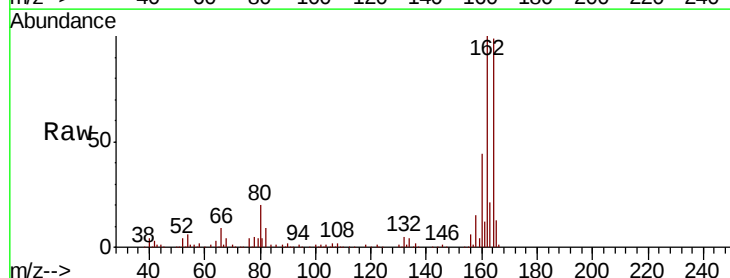


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

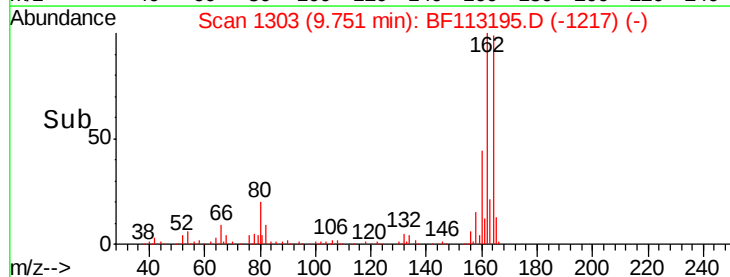
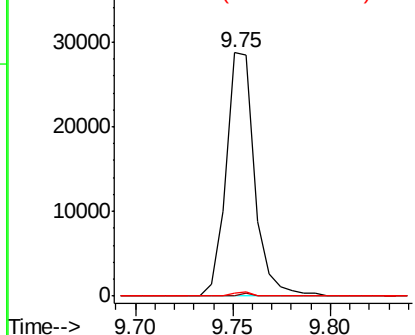


#51
2,6-Dinitrotoluene
Concen: 8.381 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

Tgt Ion:165 Resp: 29174
Ion Ratio Lower Upper
165 100
63 0.0 45.4 68.2#
89 1.1 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

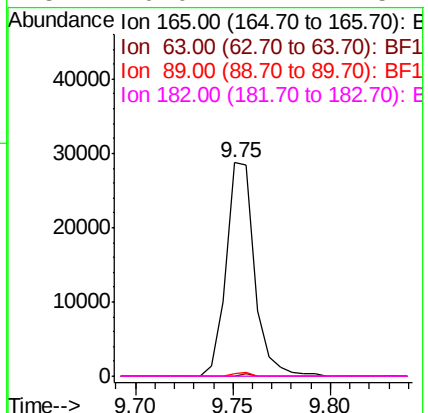
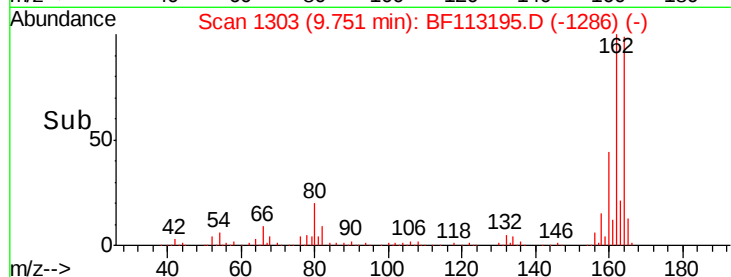
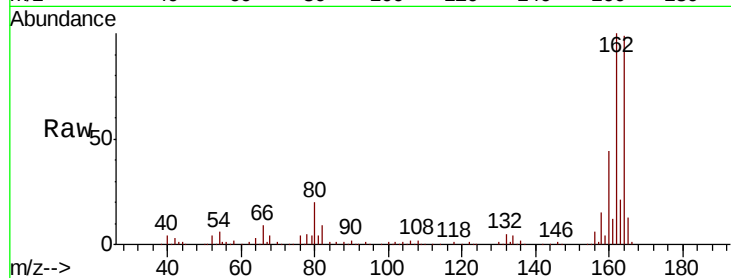




#57
2,4-Dinitrotoluene
Concen: 6.743 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

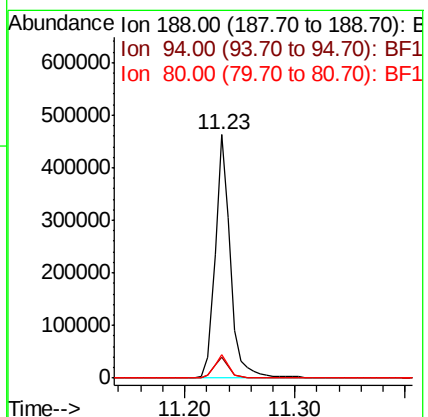
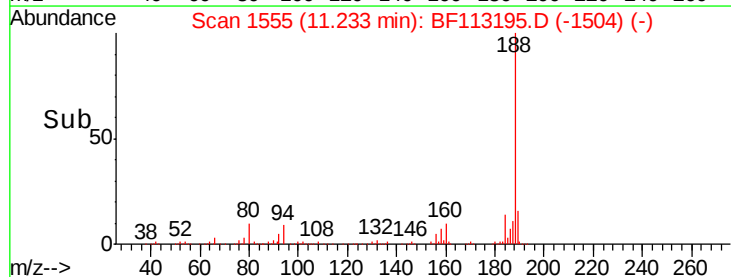
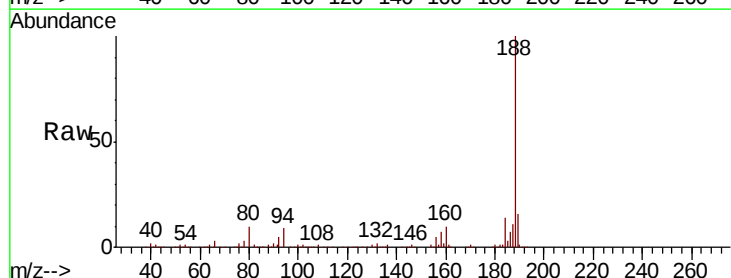
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.9	56.9#
89	1.1	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: BF113195.D
Acq: 21 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.6	7.9	11.9

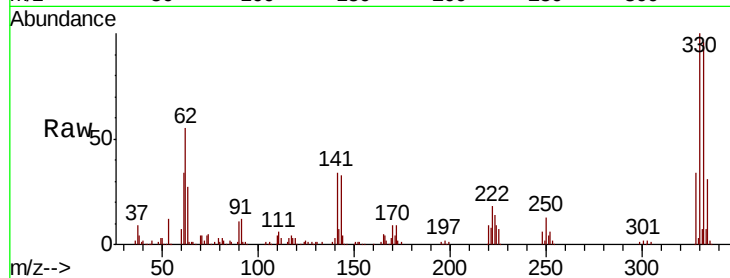




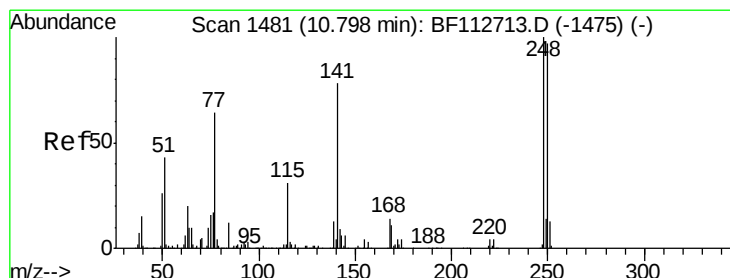
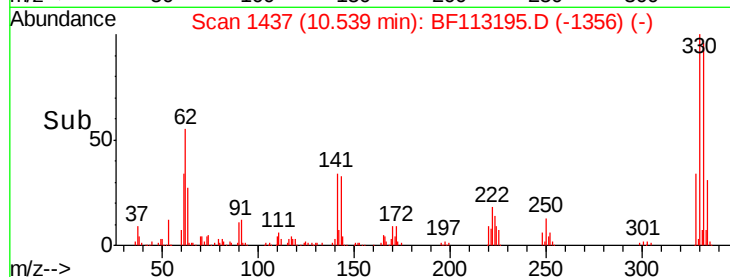
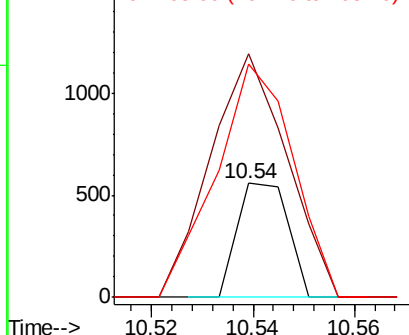
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.808 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 388
 Ion Ratio Lower Upper
 198 100
 51 213.6 25.5 65.5#
 105 204.8 23.2 63.2#

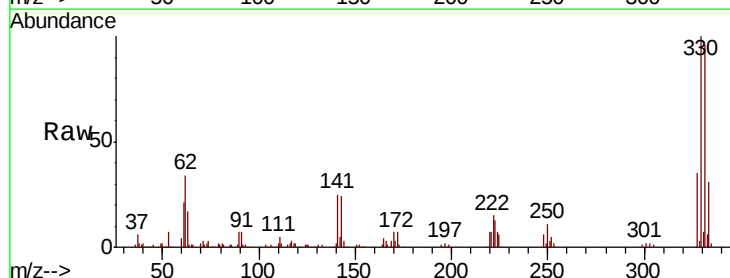


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

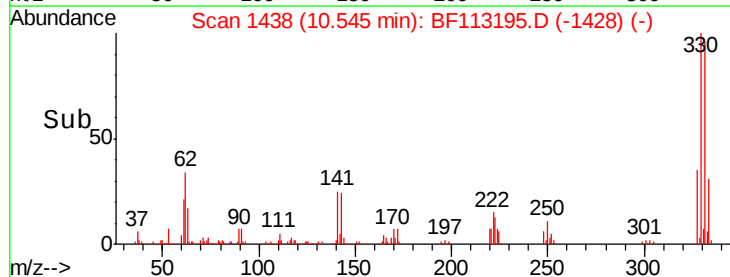
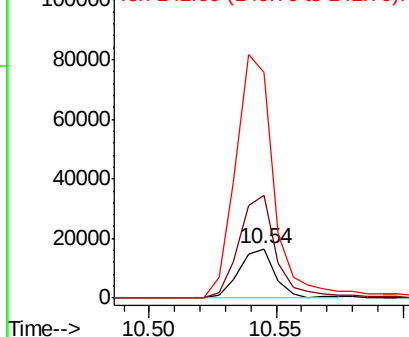


#67
 4-Bromophenyl-phenylether
 Concen: 3.608 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Tgt Ion:248 Resp: 16610
 Ion Ratio Lower Upper
 248 100
 250 206.1 78.4 117.6#
 141 454.3 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

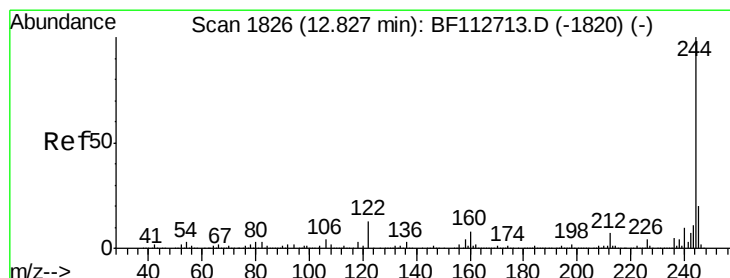
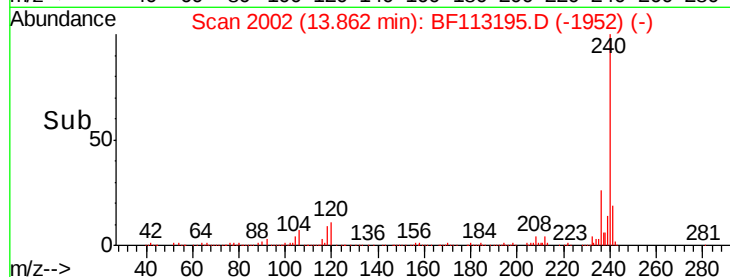
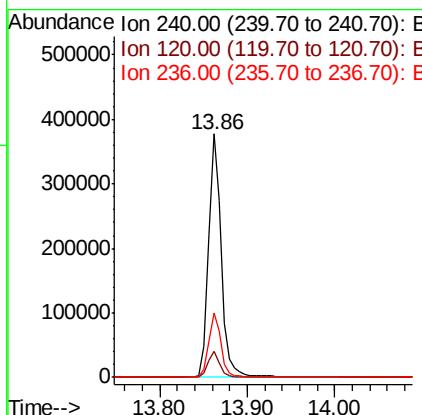
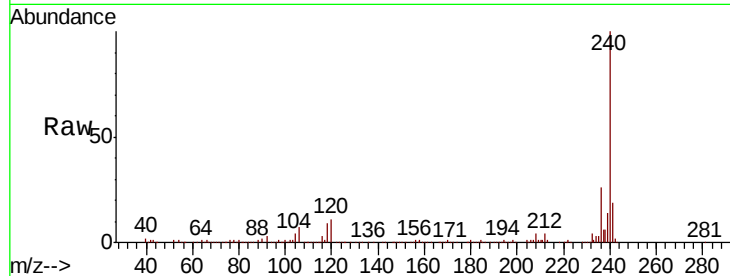




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

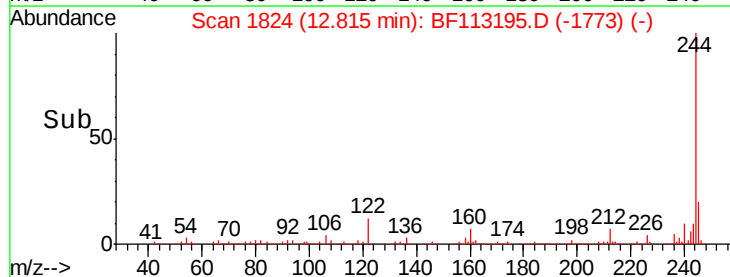
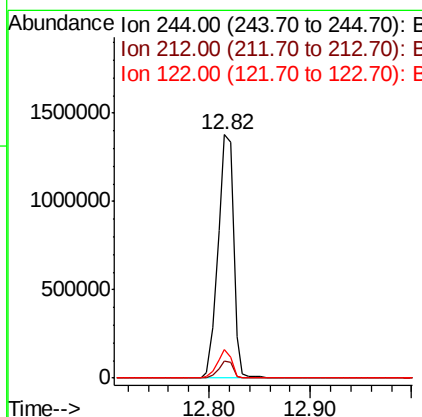
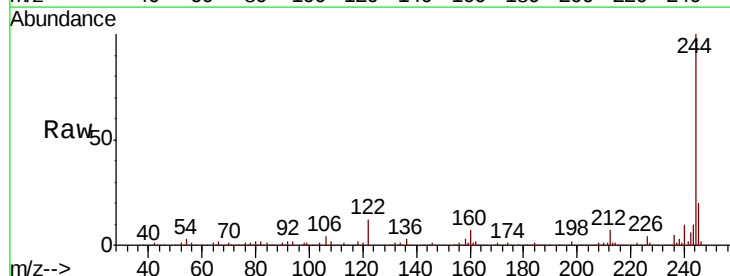
Instrument :
 BNA_F
 ClientSampled :

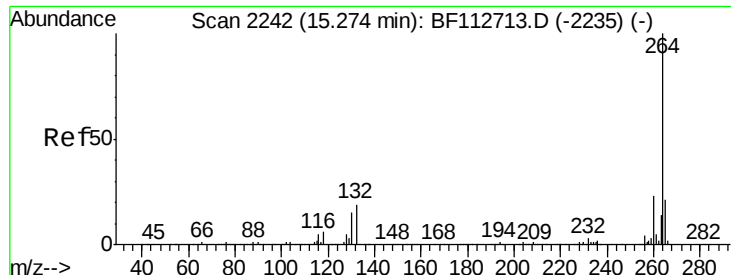
Tot Ion:240 Resp: 382758
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.6 12.8
 236 26.3 21.2 31.8



#79
 Terphenyl-d14
 Concen: 74.880 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Tgt Ion:244 Resp: 1478512
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.5 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: BF113195.D
 Acq: 21 Mar 2019 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.7	26.5

