

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113232.D
 Acq On : 22 Mar 2019 14:03
 Operator : JU/SJ
 Sample : K2040-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 23:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

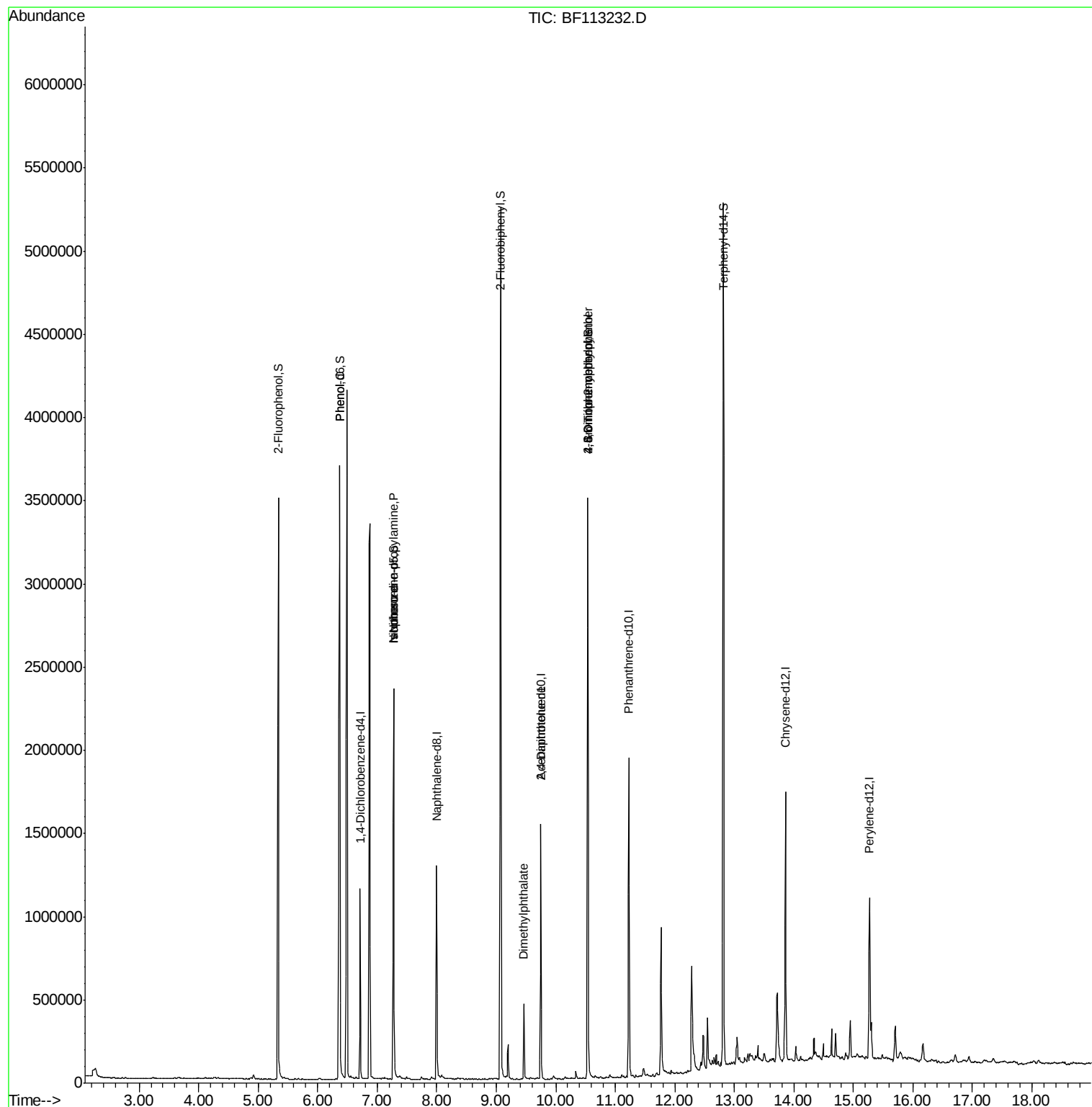
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172883	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	651328	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	331181	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	710579	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	599345	20.00	ng	-0.01
87) Perylene-d12	15.27	264	476912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1138905	102.47	ng	0.00
7) Phenol-d6	6.37	99	1513633	108.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	940287	86.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	523924	149.02	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1759361	89.18	ng	-0.02
79) Terphenyl-d14	12.82	244	2148850	69.50	ng	0.00
Target Compounds						
10) Phenol	6.37	94	114503	7.028	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	123075	13.919	ng	# 78
25) Isophorone	7.28	82	923406	39.378	ng	# 66
50) Dimethylphthalate	9.47	163	205169	8.402	ng	99
57) 2,4-Dinitrotoluene	9.75	165	42012	6.646	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	746	4.844	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	29674	3.965	ng	# 1

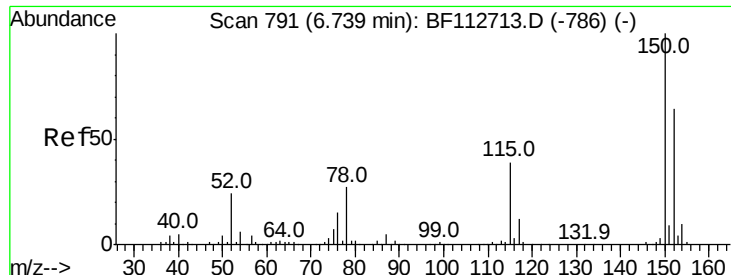
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 22 23:25:54 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



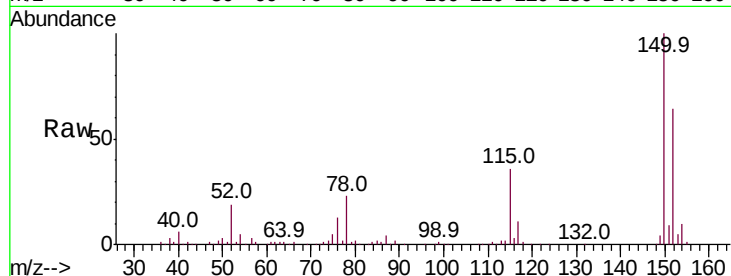


#1

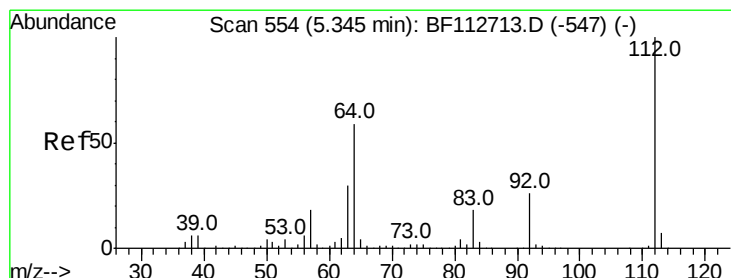
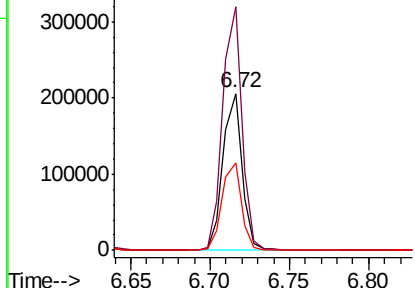
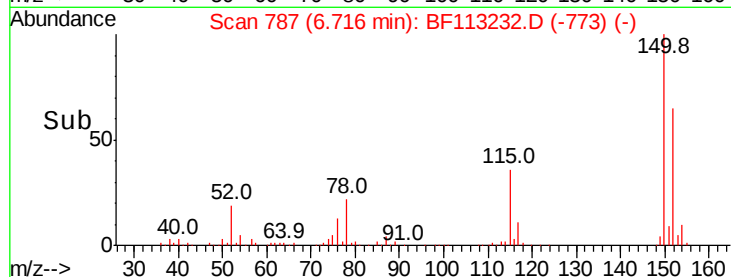
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172883
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 55.6 48.2 72.4



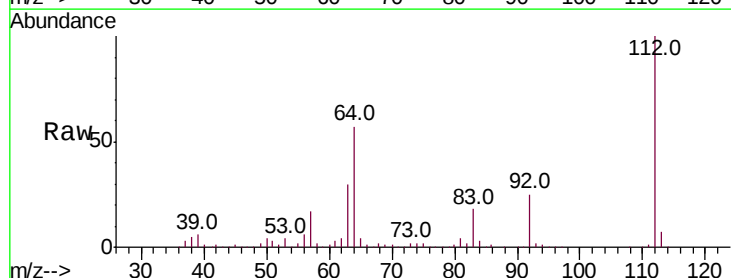
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



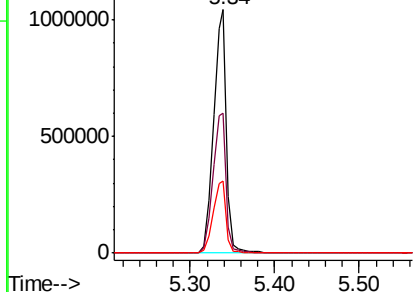
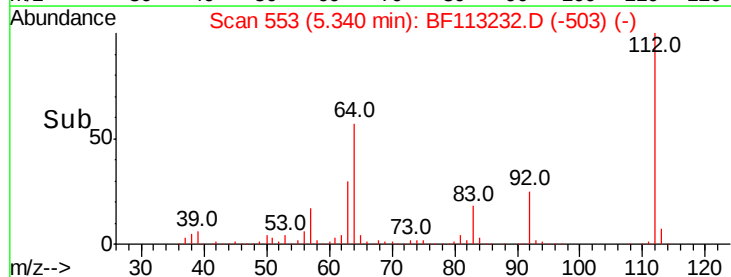
#5

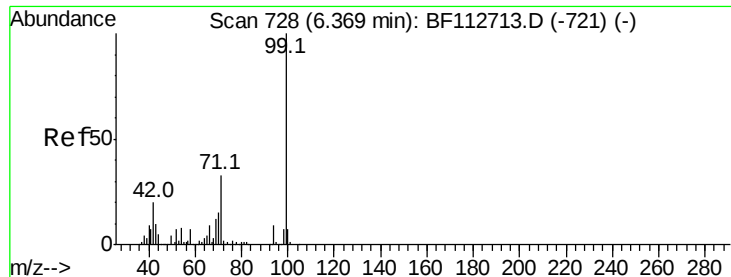
2-Fluorophenol
Concen: 102.475 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Tgt Ion:112 Resp: 1138905
Ion Ratio Lower Upper
112 100
64 57.4 47.6 71.4
63 29.5 24.4 36.6



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: 108.419 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113232.D

Acq: 22 Mar 2019 14:03

Instrument :

BNA_F

ClientSampleId :

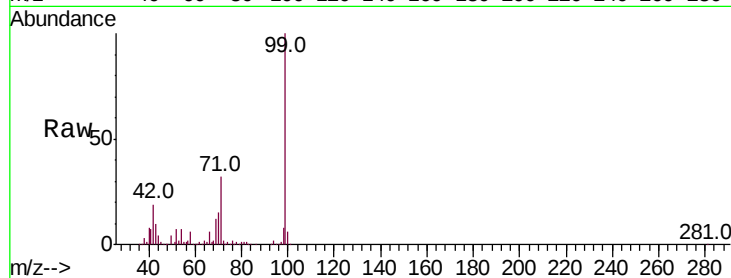
Tot Ion: 99 Resp: 1513633

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

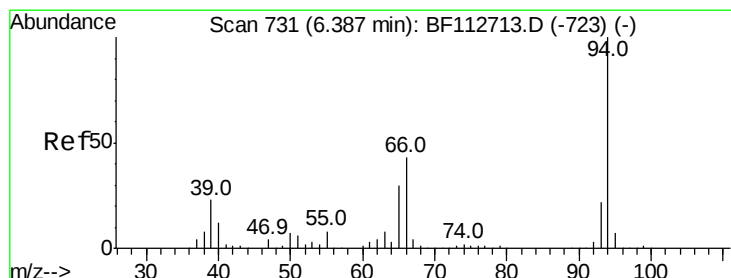
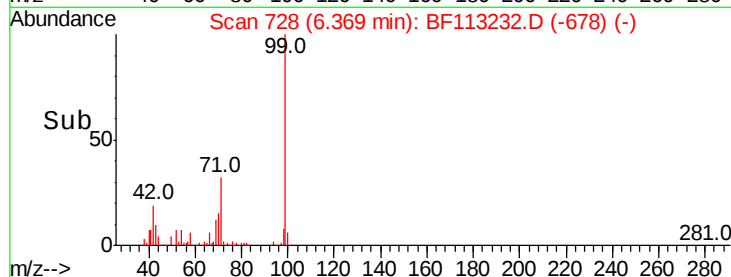
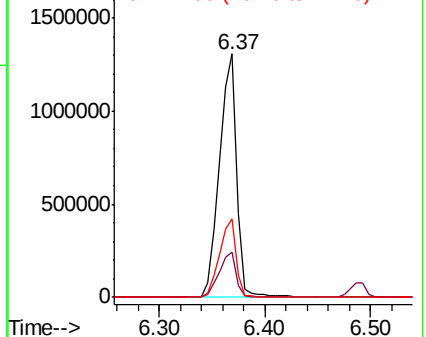
71 32.2 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.028 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113232.D

Acq: 22 Mar 2019 14:03

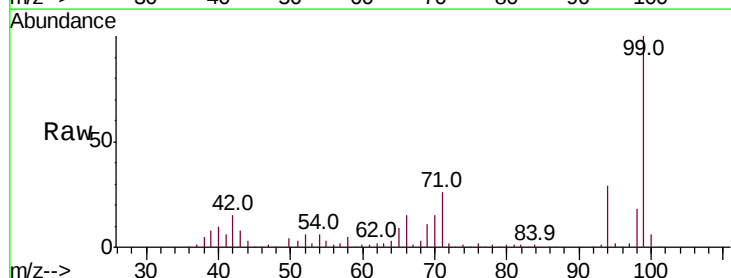
Tgt Ion: 94 Resp: 114503

Ion Ratio Lower Upper

94 100

65 31.2 10.5 50.5

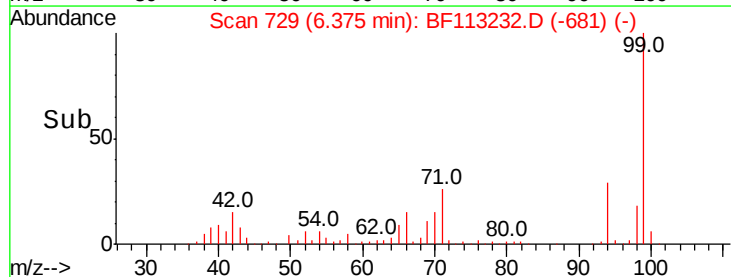
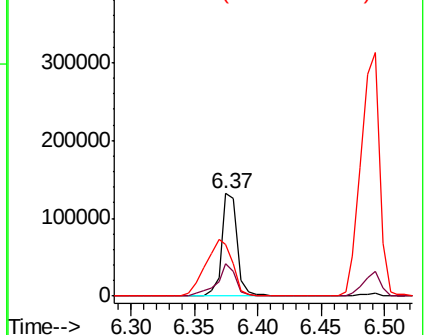
66 50.0 22.6 62.6

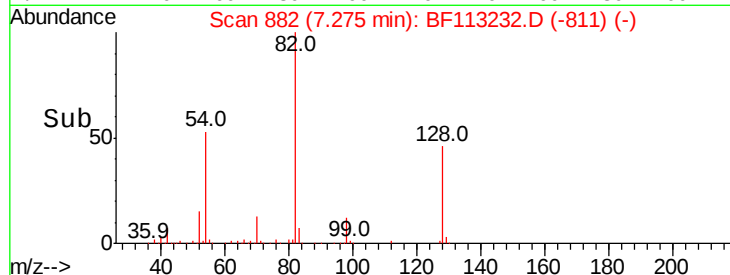
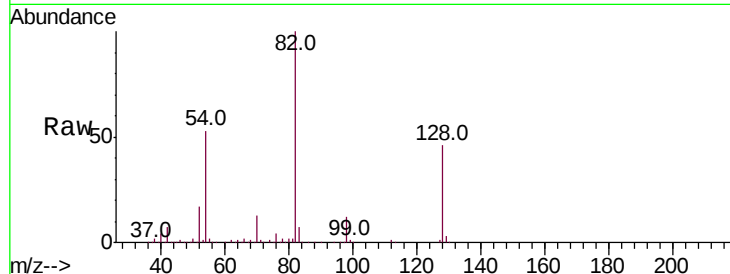
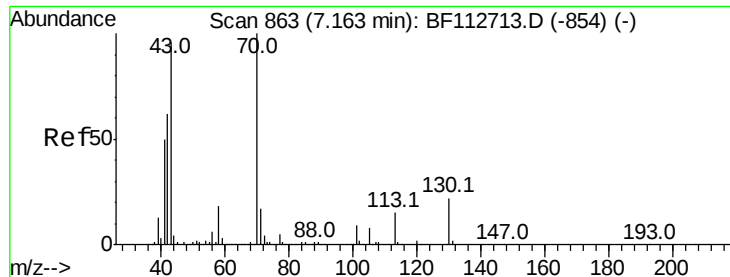


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

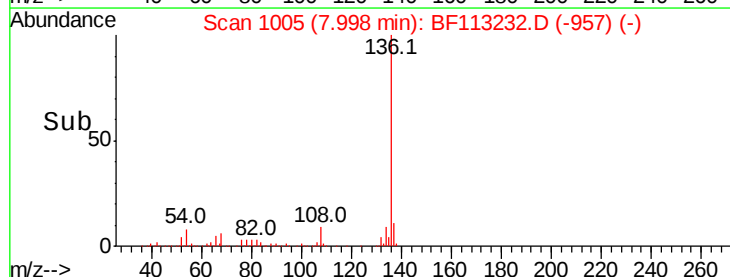
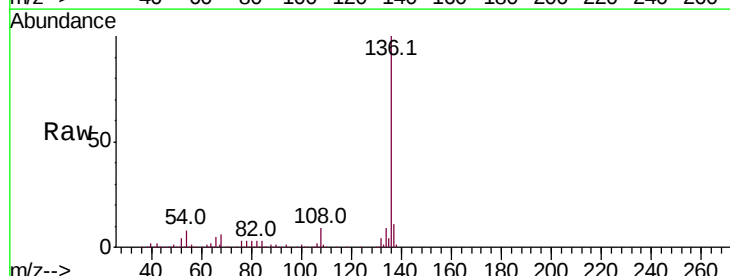
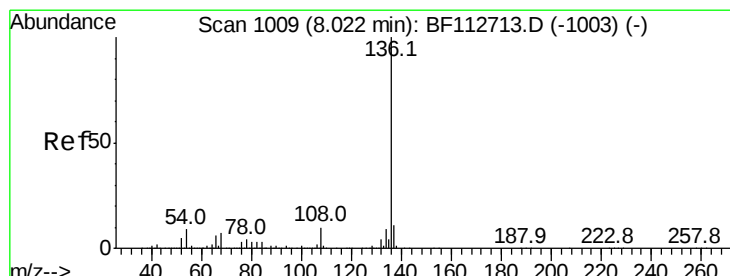
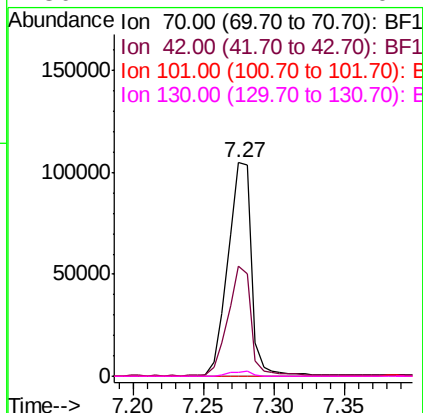




#19
n-Nitroso-di-n-propylamine
Concen: 13.919 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

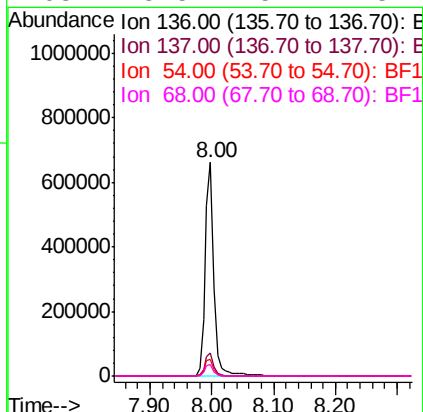
Instrument :
BNA_F
ClientSampleId :

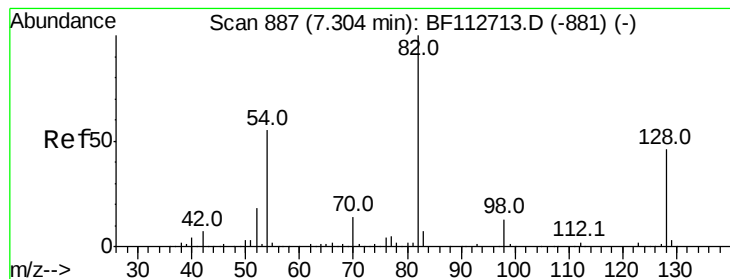
Tot Ion: 70 Resp: 123075
Ion Ratio Lower Upper
70 100
42 51.6 49.9 74.9
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Tgt Ion: 136 Resp: 651328
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.8 7.3 10.9
68 5.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.385 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113232.D

Acq: 22 Mar 2019 14:03

Instrument :

BNA_F

ClientSampleId :

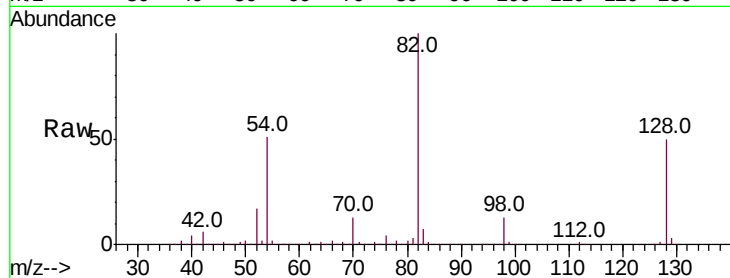
Tot Ion: 82 Resp: 940287

Ion Ratio Lower Upper

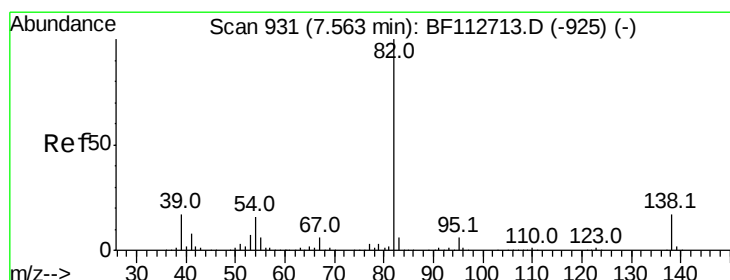
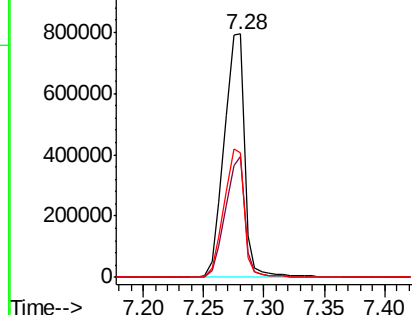
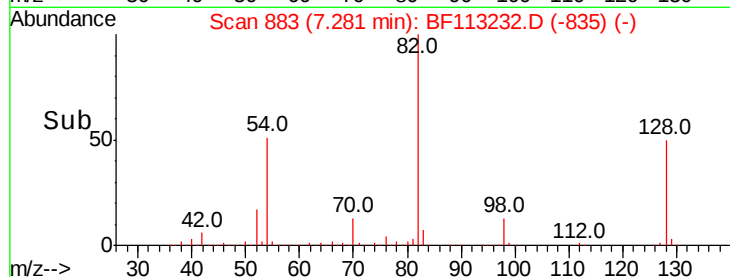
82 100

128 49.8 36.3 54.5

54 51.3 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 39.378 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF113232.D

Acq: 22 Mar 2019 14:03

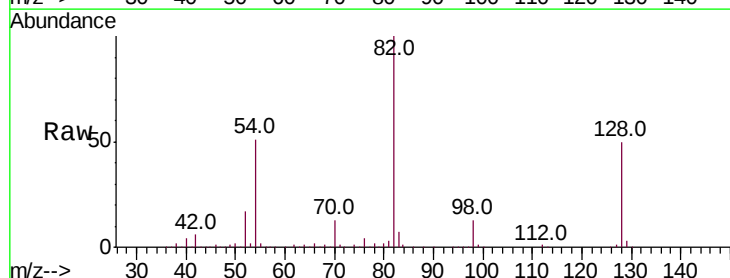
Tgt Ion: 82 Resp: 923406

Ion Ratio Lower Upper

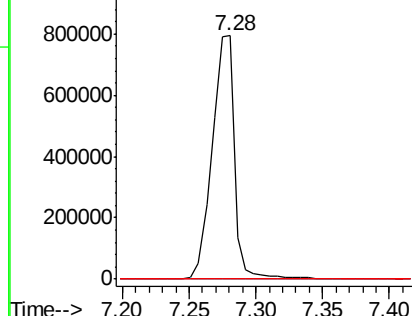
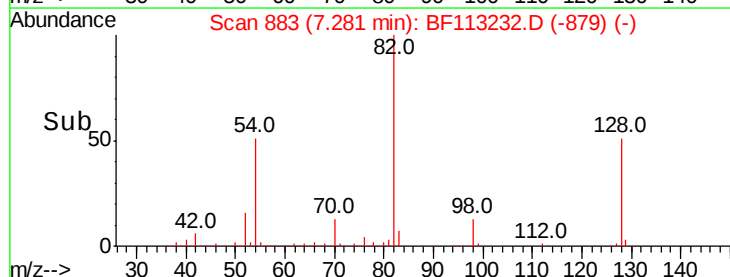
82 100

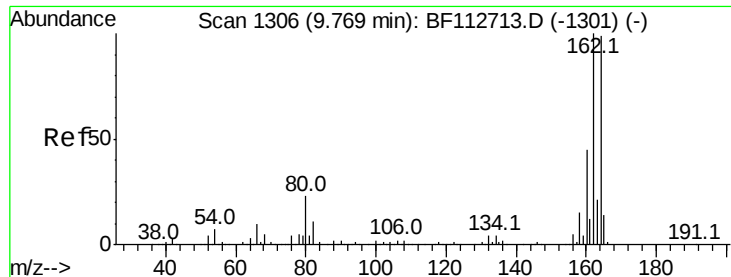
95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



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

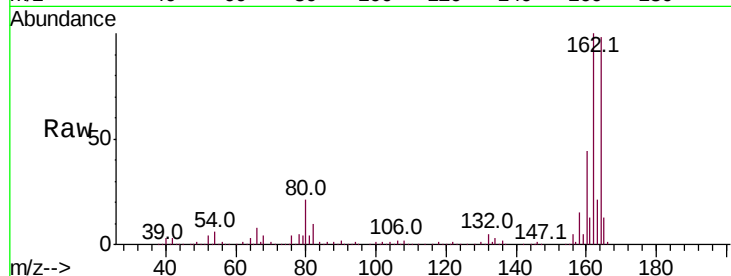




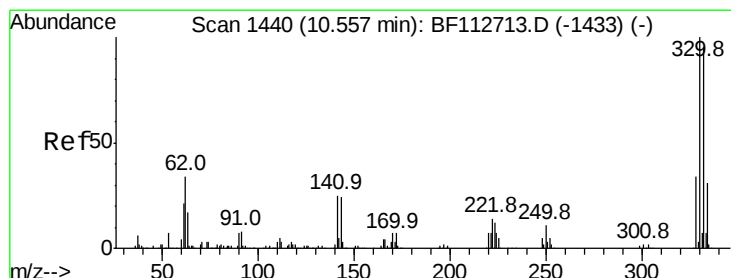
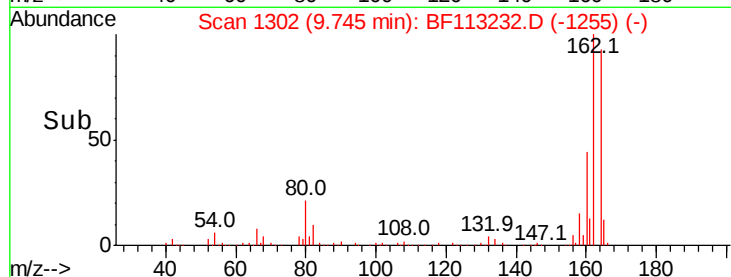
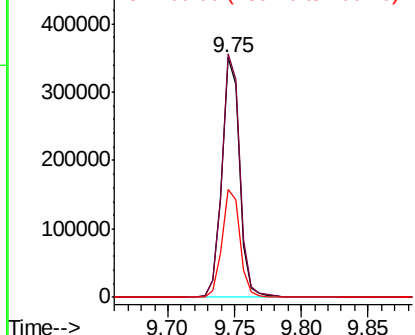
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 331181
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.9 36.0 54.0

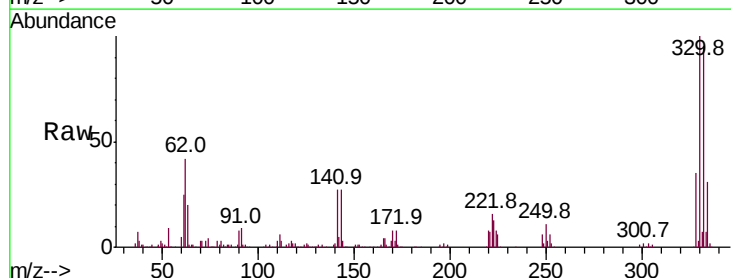


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

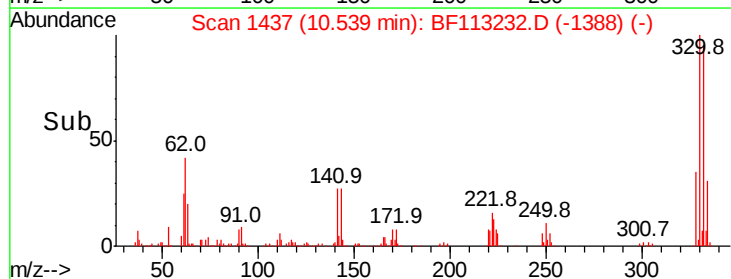
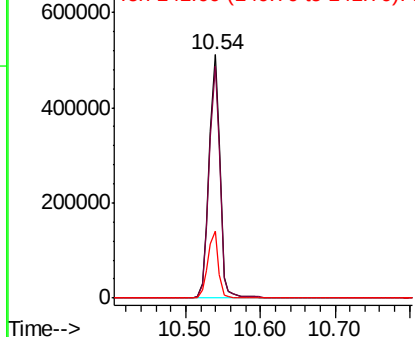


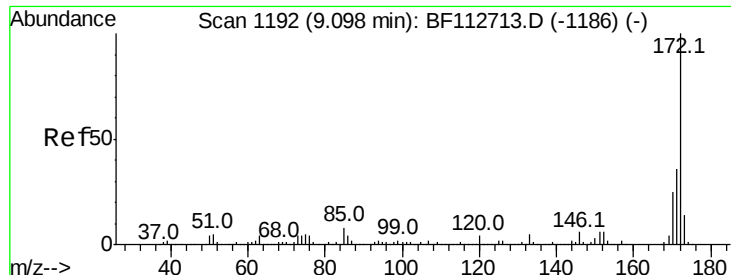
#42
2,4,6-Tribromophenol
Concen: 149.016 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Tgt Ion:330 Resp: 523924
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 27.0 27.0 40.6#



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



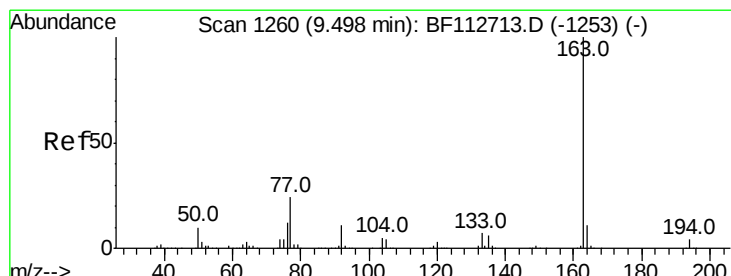
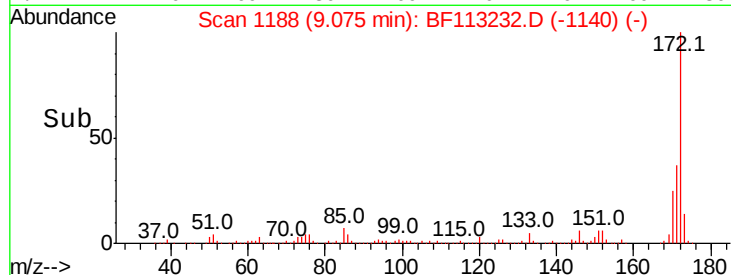
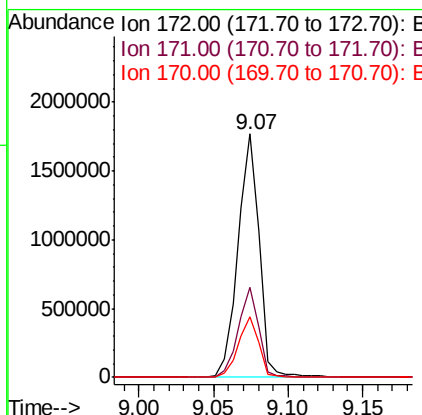
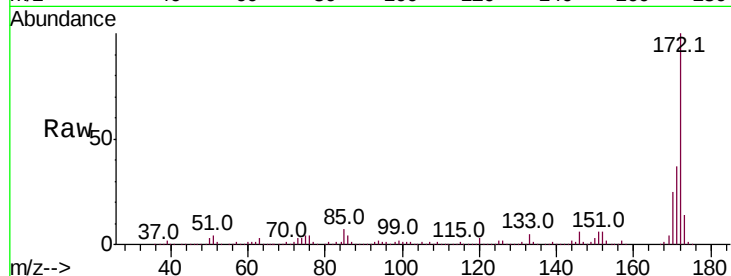


#45
 2-Fluorobiphenyl
 Concen: 89.175 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113232.D
 Acq: 22 Mar 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1759361

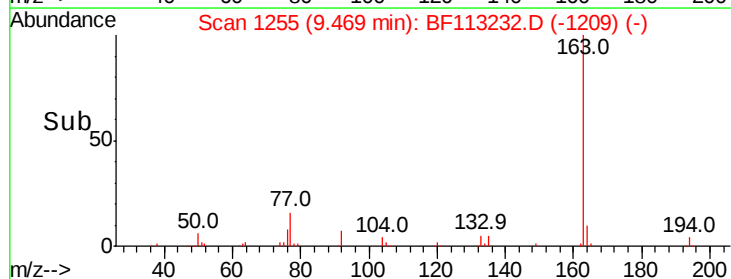
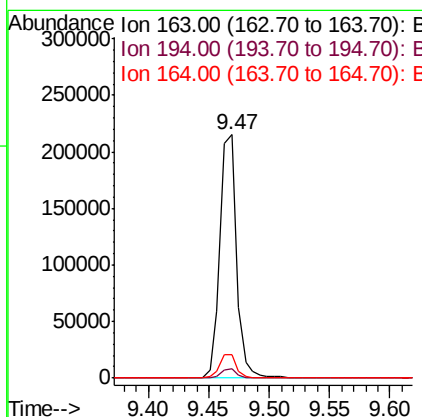
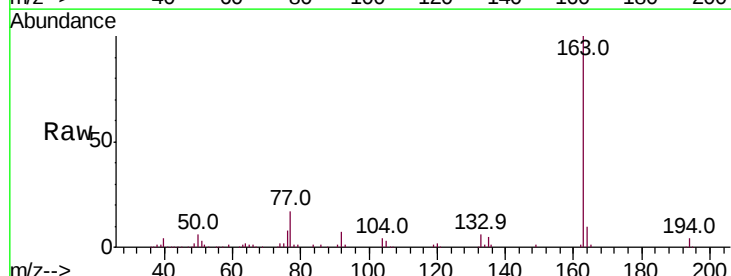
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	25.0	20.0	30.0

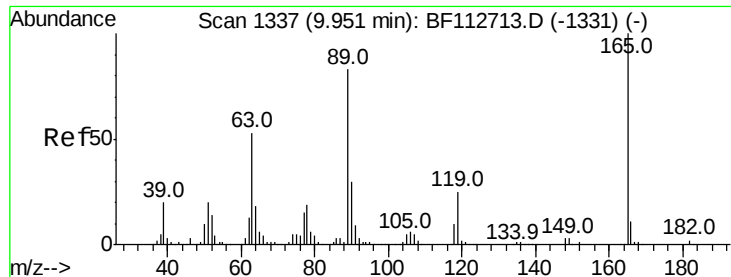


#50
 Dimethylphthalate
 Concen: 8.402 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: BF113232.D
 Acq: 22 Mar 2019 14:03

Tgt Ion:163 Resp: 205169

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.8	8.4	12.6

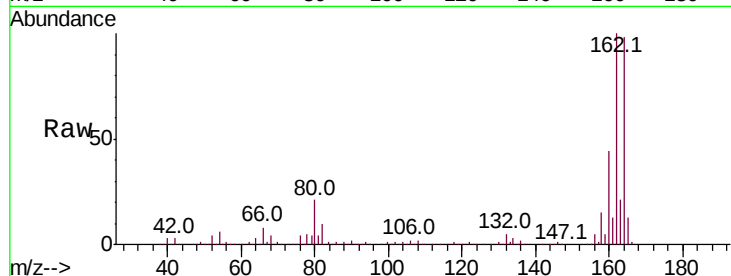




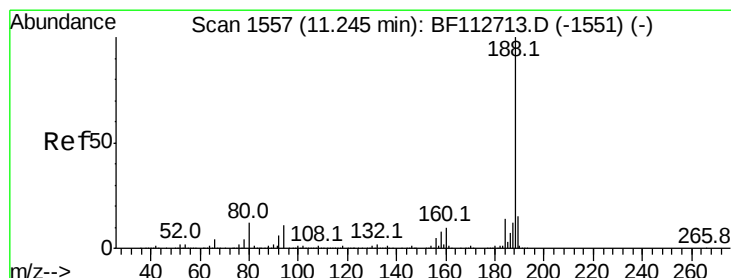
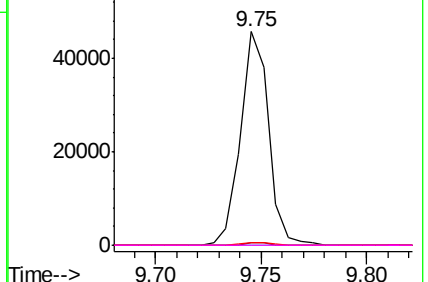
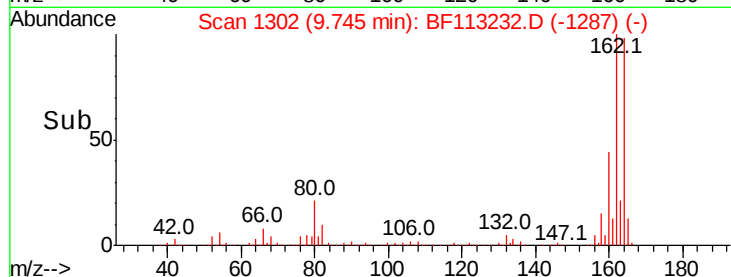
#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42012
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.2 66.2 99.4#
182 0.0 1.8 2.6#

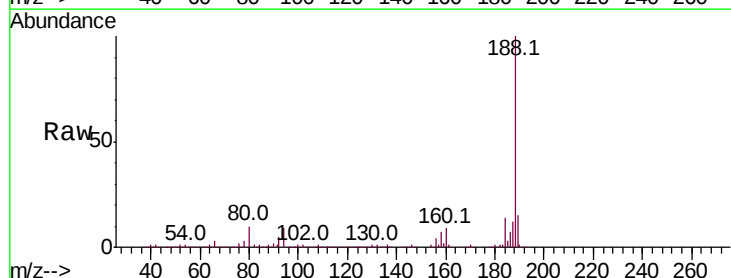


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

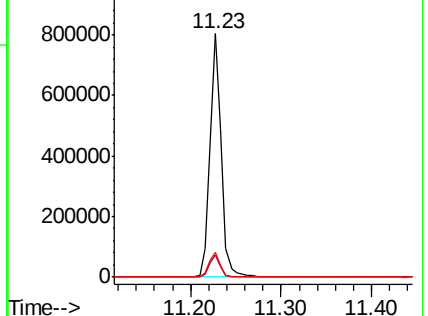
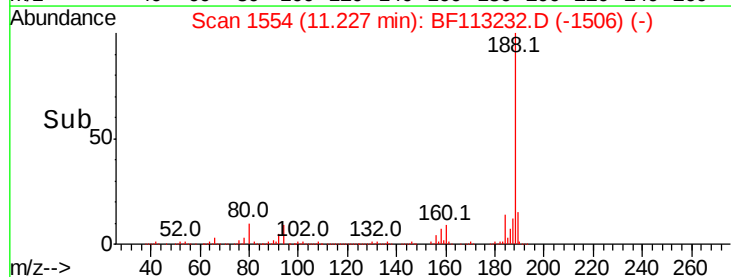


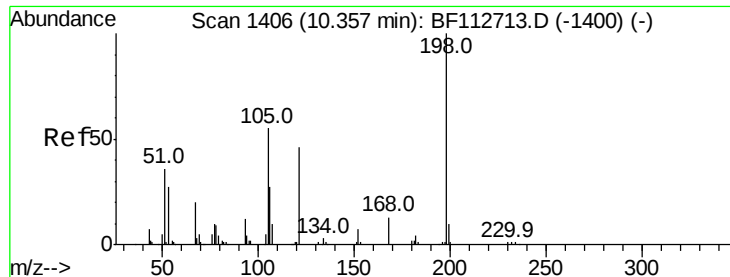
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113232.D
Acq: 22 Mar 2019 14:03

Tgt Ion:188 Resp: 710579
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.844 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF113232.D

Acq: 22 Mar 2019 14:03

Instrument :

BNA_F

ClientSampleId :

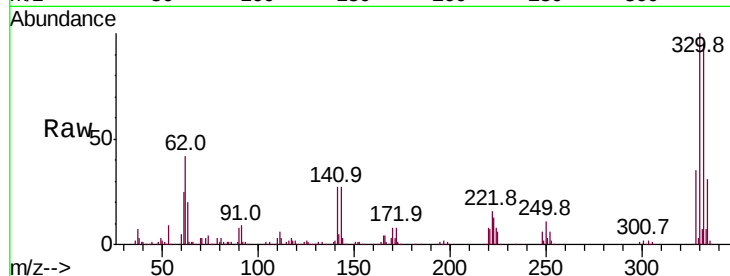
Tot Ion:198 Resp: 746

Ion Ratio Lower Upper

198 100

51 301.3 43.8 83.8#

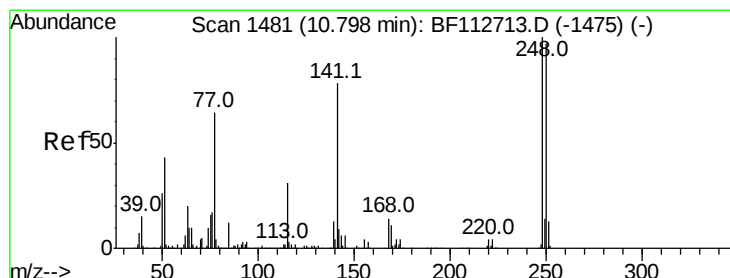
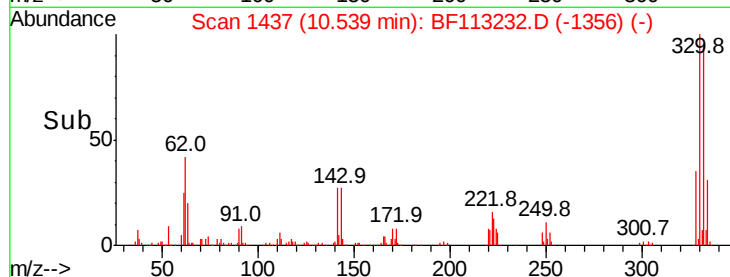
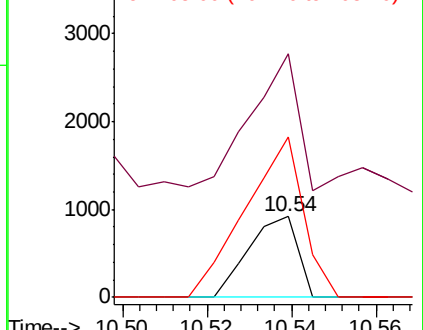
105 198.9 36.5 76.5#



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: 3.965 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF113232.D

Acq: 22 Mar 2019 14:03

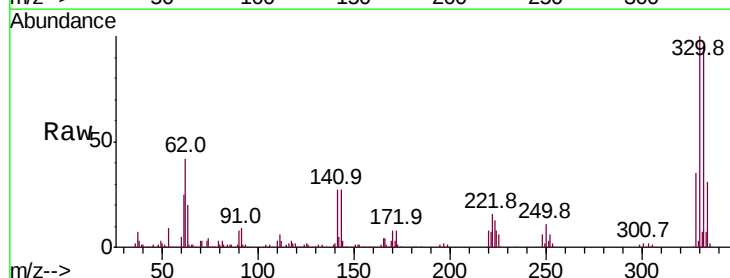
Tgt Ion:248 Resp: 29674

Ion Ratio Lower Upper

248 100

250 188.6 77.5 116.3#

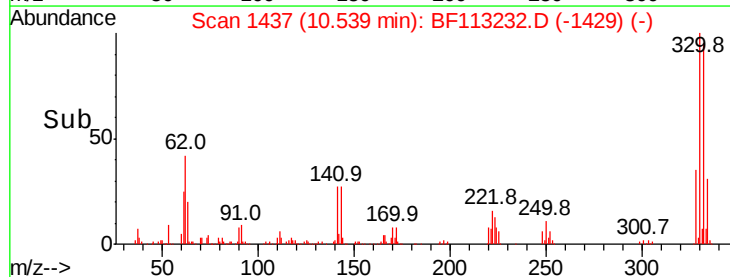
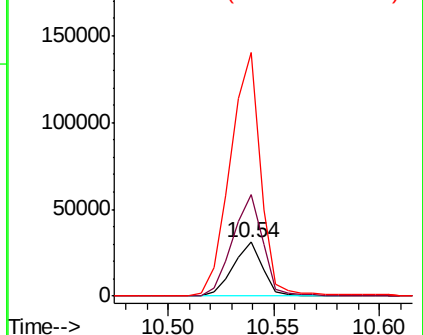
141 451.5 62.4 93.6#

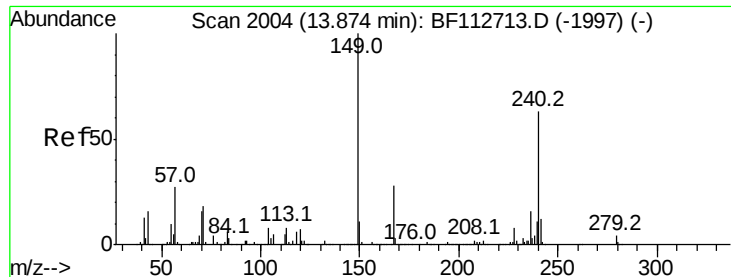


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

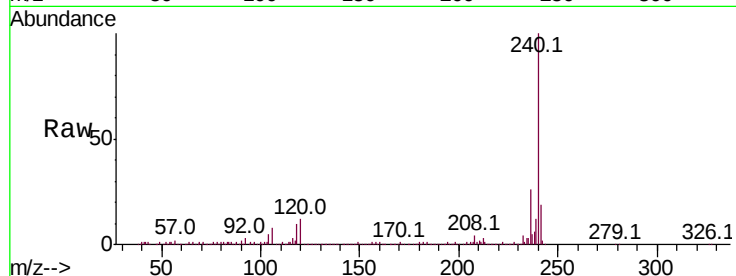




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113232.D
 Acq: 22 Mar 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 599345
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.9 13.3
 236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 800000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

13.86

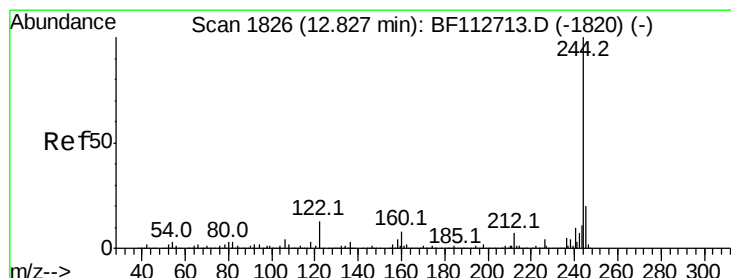
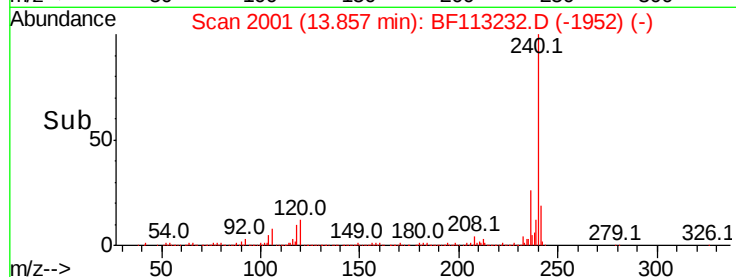
600000

400000

200000

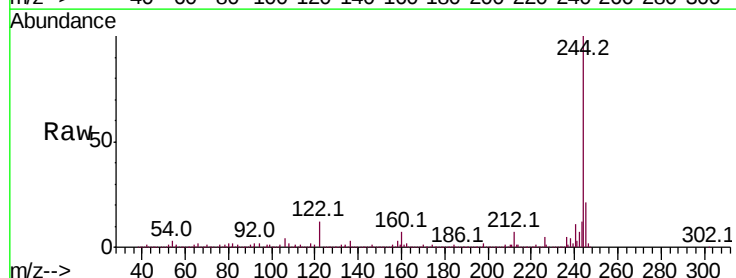
0

Time--> 13.80 13.90



#79
 Terphenyl-d14
 Concen: 69.502 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113232.D
 Acq: 22 Mar 2019 14:03

Tgt Ion:244 Resp: 2148850
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.1 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

12.82

2000000

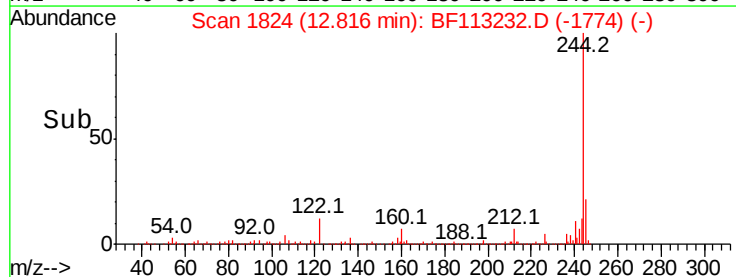
1500000

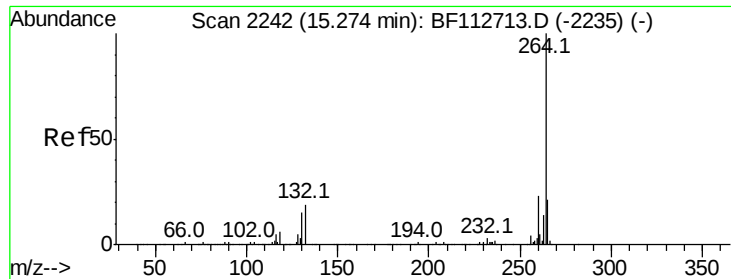
1000000

500000

0

Time--> 12.70 12.80 12.90 13.00





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113232.D
 Acq: 22 Mar 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 476912
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.9 17.2 25.8

