

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112389.D
 Acq On : 4 Feb 2019 19:22
 Operator : JU/SJ
 Sample : K1321-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Quant Time: Feb 04 23:47:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

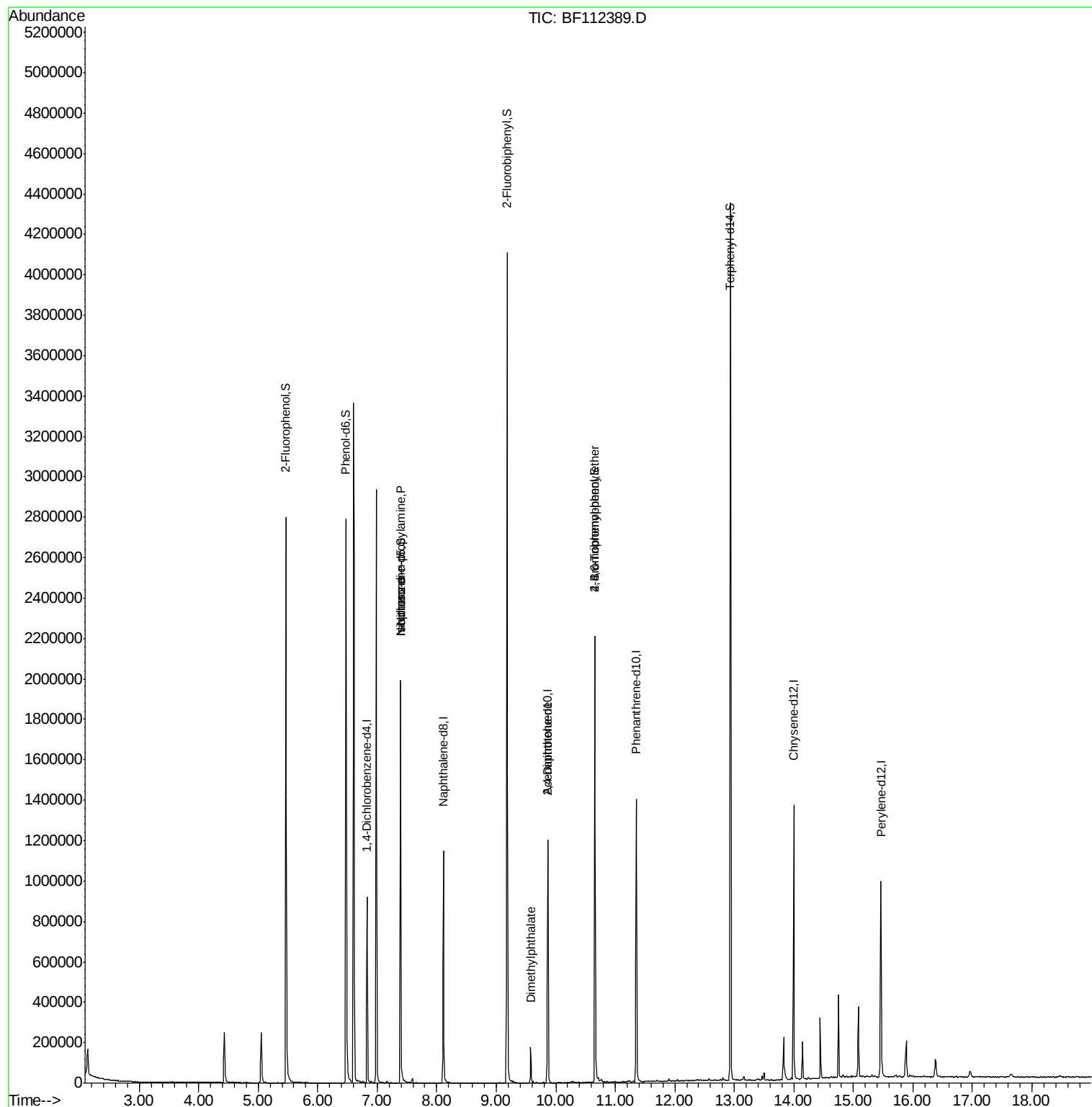
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142163	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	544365	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	267229	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	545526	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	480244	20.00	ng	-0.01
87) Perylene-d12	15.46	264	366011	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	778132	116.26	ng	-0.01
7) Phenol-d6	6.47	99	1036198	111.42	ng	-0.02
23) Nitrobenzene-d5	7.39	82	647032	68.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	279176	89.75	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1376733	72.87	ng	-0.02
79) Terphenyl-d14	12.94	244	1605828	62.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	87682	13.673	ng	# 75
25) Isophorone	7.39	82	647024	43.655	ng	# 63
50) Dimethylphthalate	9.58	163	82440	3.971	ng	99
57) 2,4-Dinitrotoluene	9.86	165	34033	5.749	ng	# 30
67) 4-Bromophenyl-phenylether	10.66	248	17102	2.665	ng	# 1

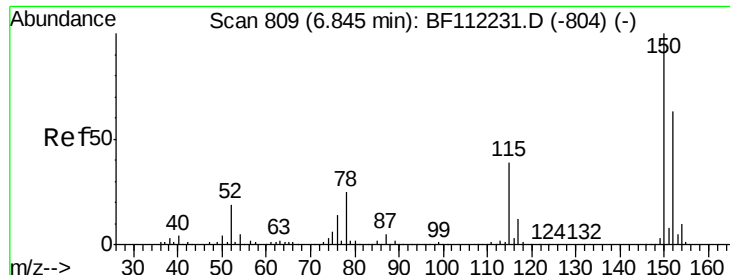
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

CON-1

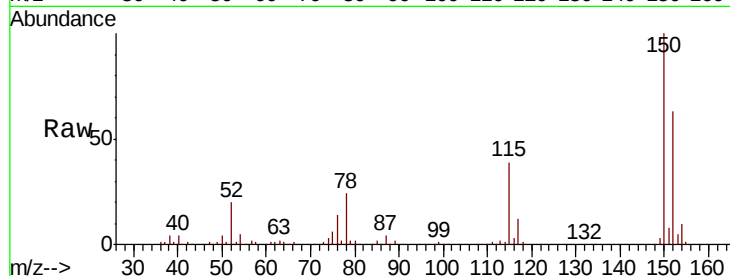
Tgt Ion:152 Resp: 142163

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.0

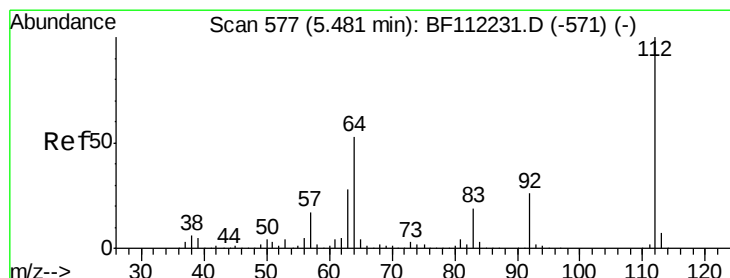
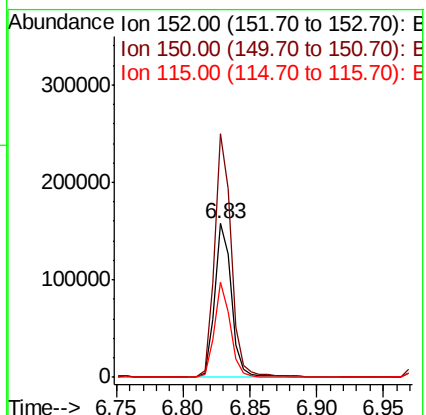
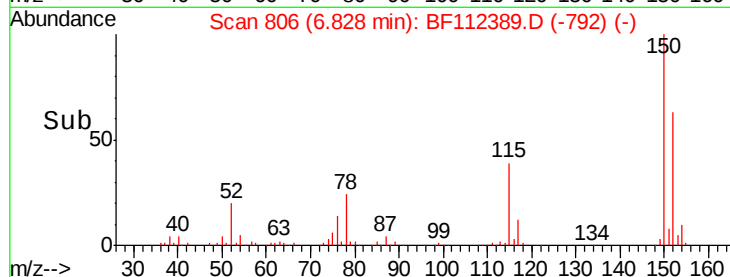
115 61.7 45.5 68.3



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: 116.261 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

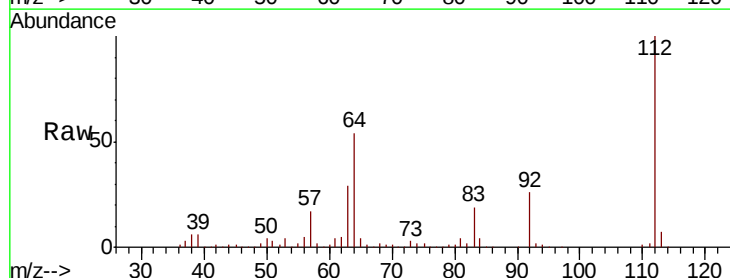
Tgt Ion:112 Resp: 778132

Ion Ratio Lower Upper

112 100

64 54.3 45.7 68.5

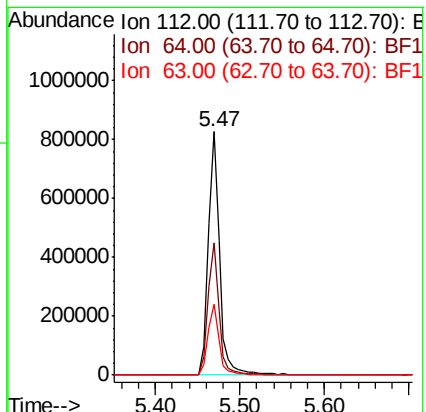
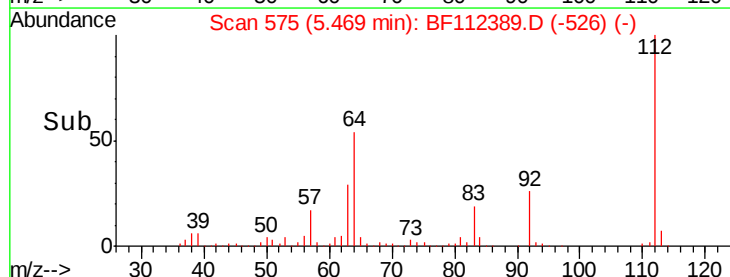
63 29.2 23.6 35.4

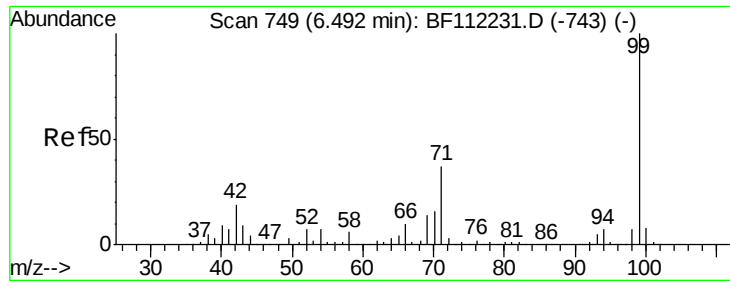


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.417 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

CON-1

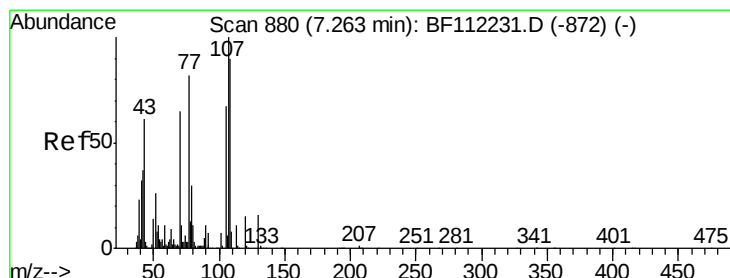
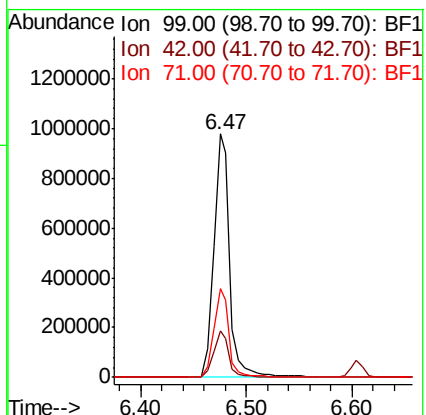
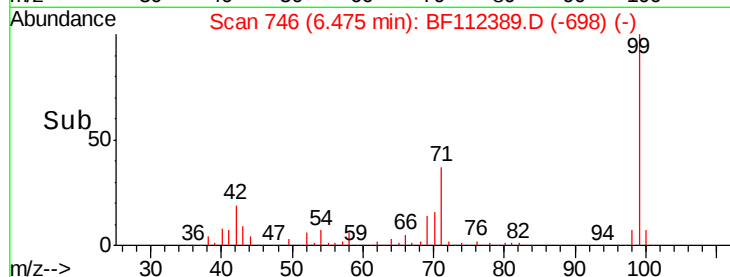
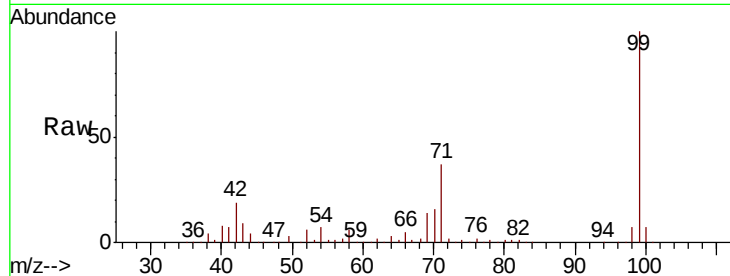
Tgt Ion: 99 Resp: 1036198

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

71 36.6 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.673 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Tgt Ion: 70 Resp: 87682

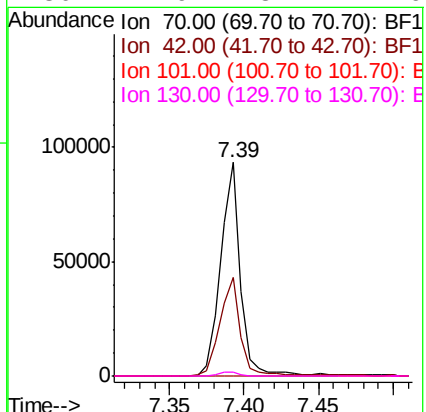
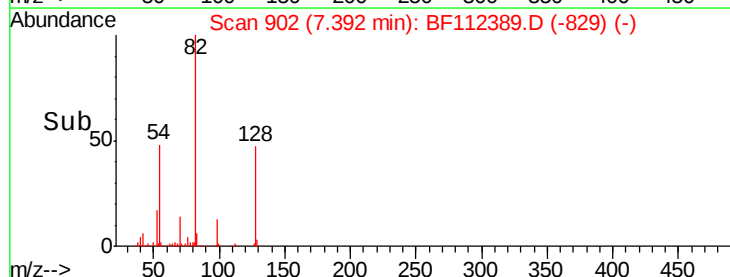
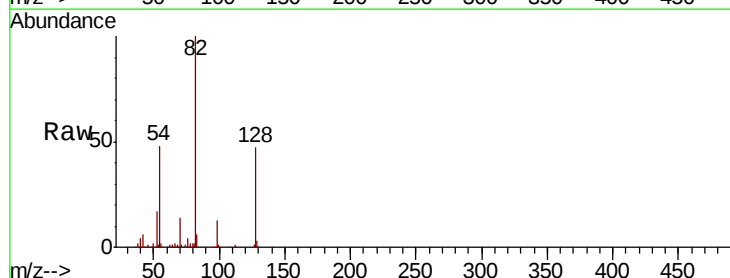
Ion Ratio Lower Upper

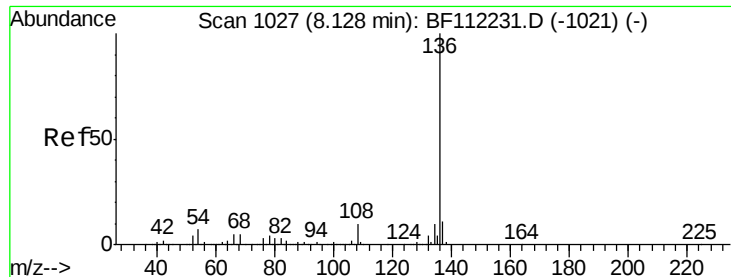
70 100

42 45.9 47.6 71.4#

101 0.0 7.9 11.9#

130 1.9 18.4 27.6#

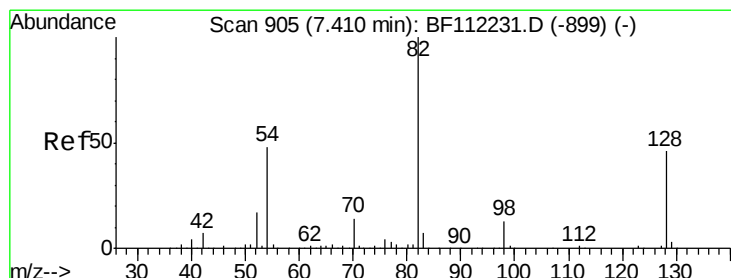
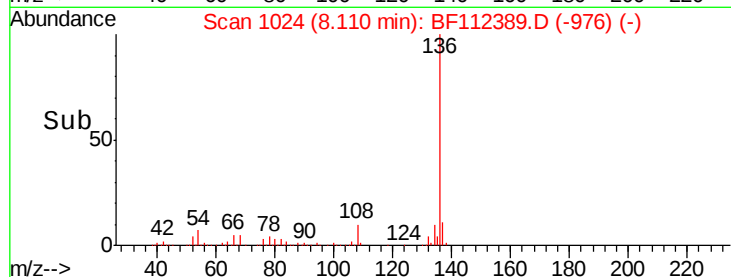
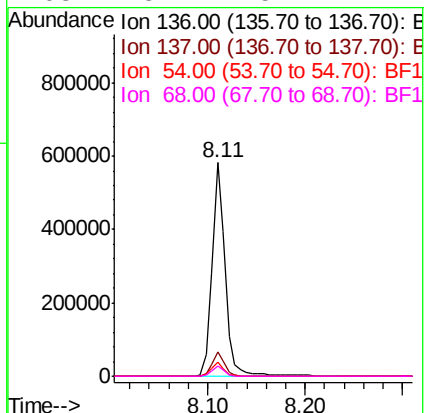
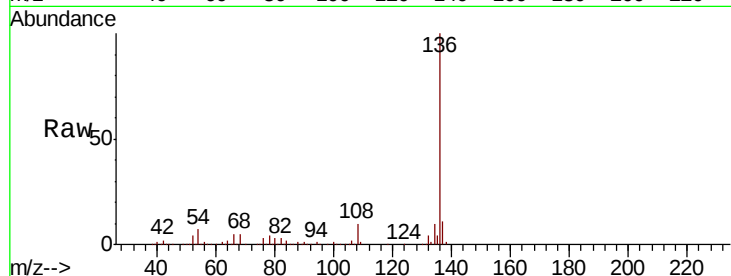




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

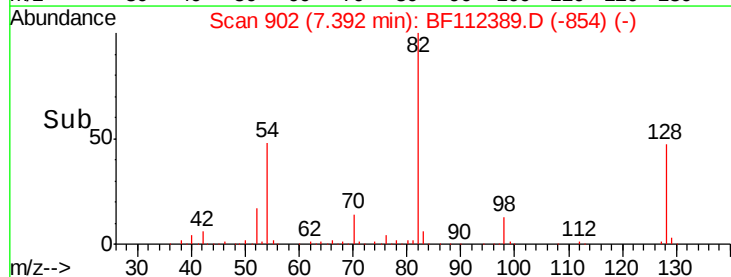
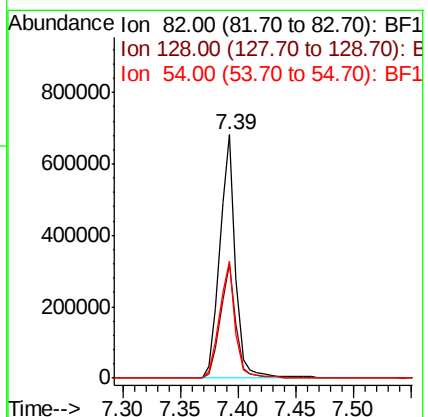
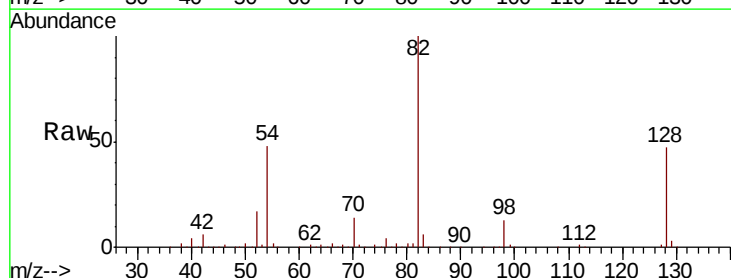
Instrument :
BNA_F
ClientSampleId :
CON-1

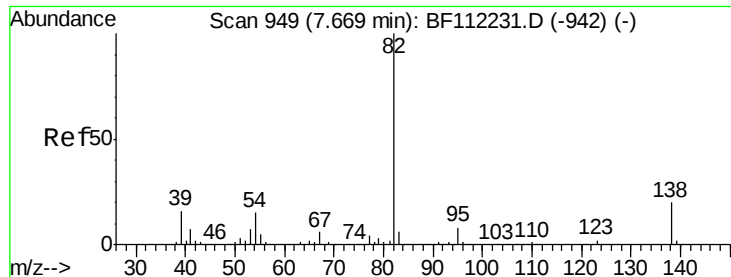
Tgt Ion:136	Resp:	544365
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	6.7	5.9 8.9
68	5.1	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 68.487 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

Tgt Ion: 82	Resp:	647032
Ion	Ratio	Lower Upper
82	100	
128	46.9	37.8 56.8
54	48.1	39.7 59.5





#25

Isophorone

Concen: 43.655 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

ClientSampled :

CON-1

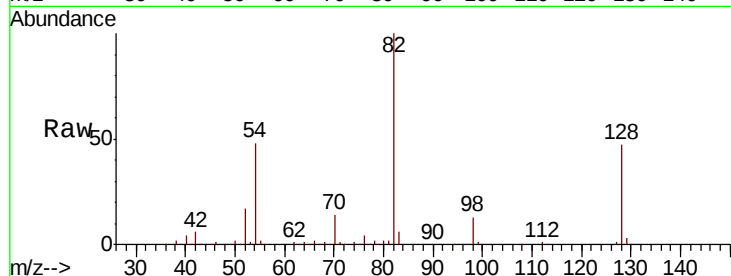
Tgt Ion: 82 Resp: 647024

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

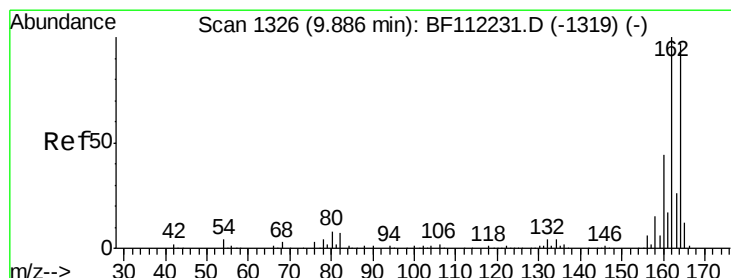
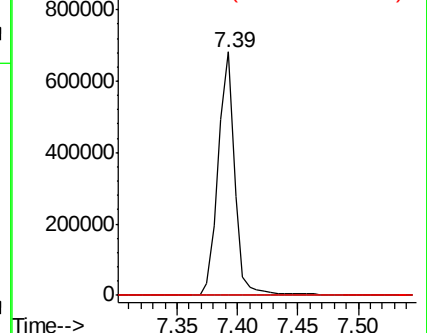
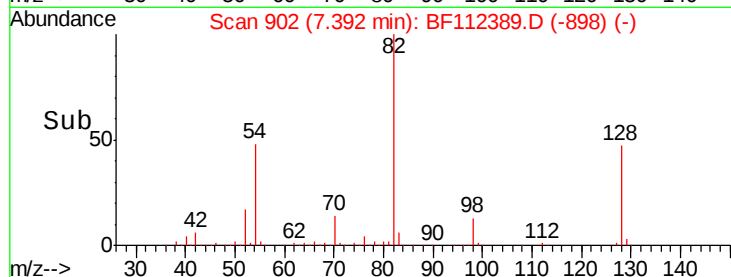
138 0.0 15.4 23.0#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

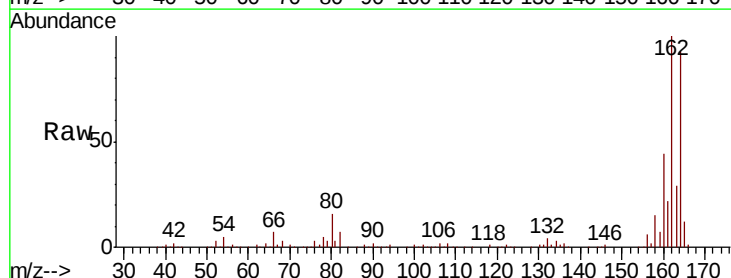
Tgt Ion: 164 Resp: 267229

Ion Ratio Lower Upper

164 100

162 107.0 82.2 123.4

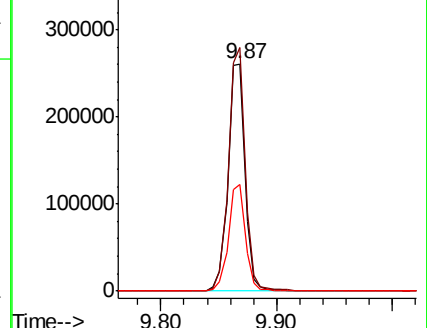
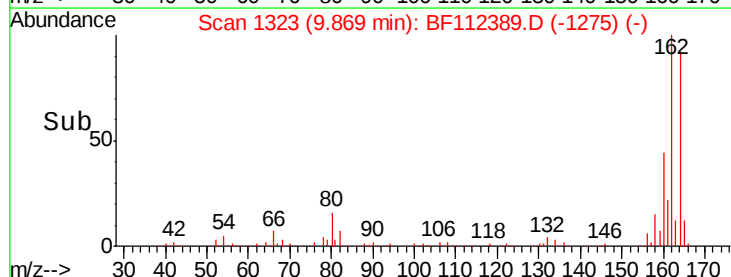
160 47.0 36.2 54.4

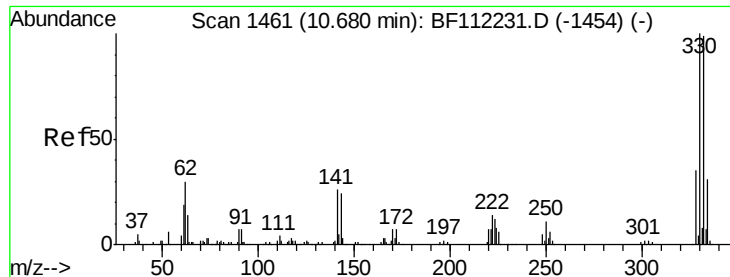


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

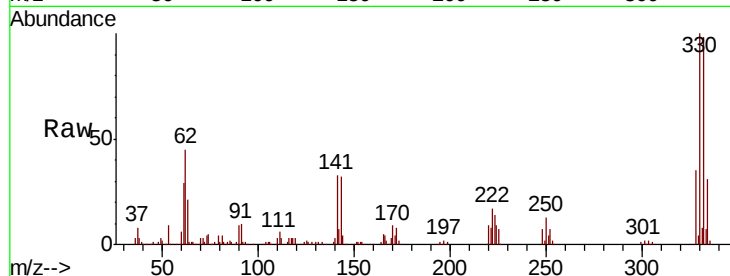




#42
 2,4,6-Tribromophenol
 Concen: 89.754 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	32.3	24.3	36.5

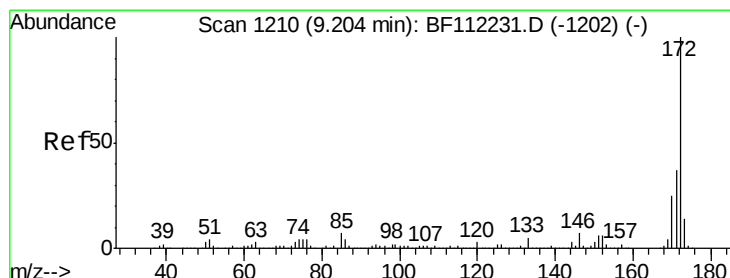
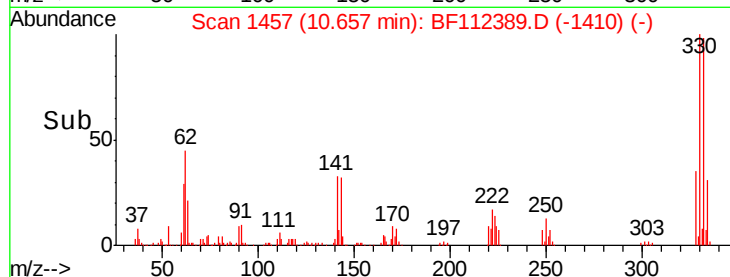
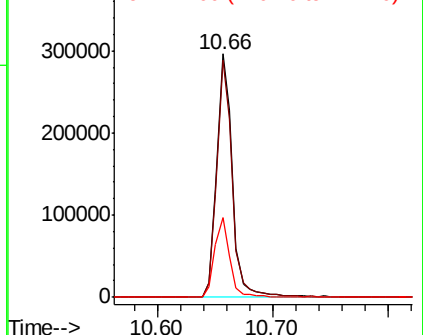


Abundance

Ion 329.80 (329.50 to 330.50): E

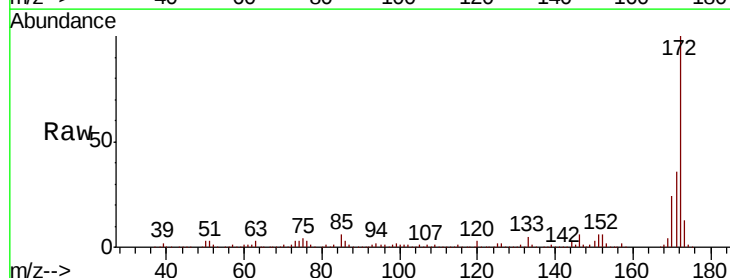
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.865 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.4	20.2	30.4

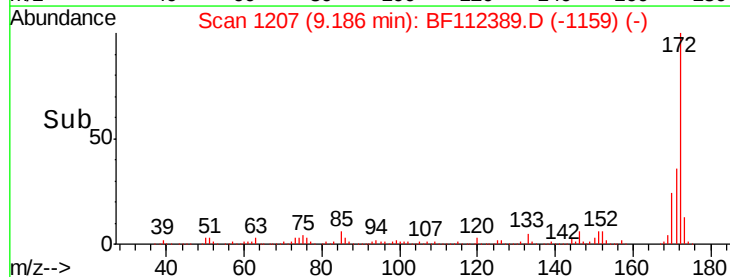
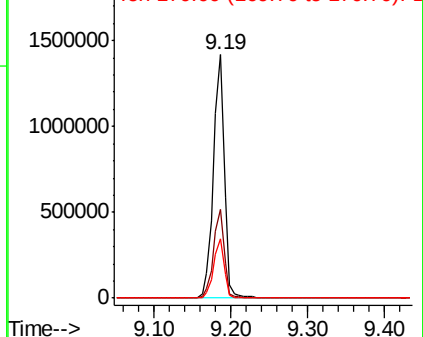


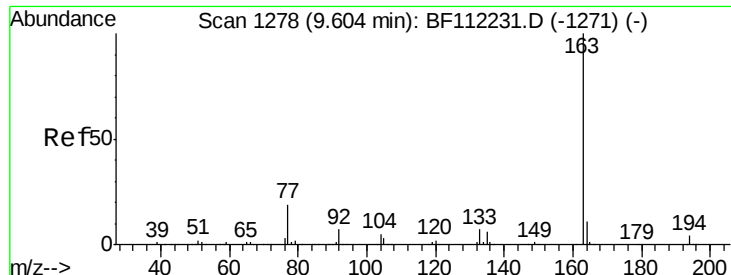
Abundance

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

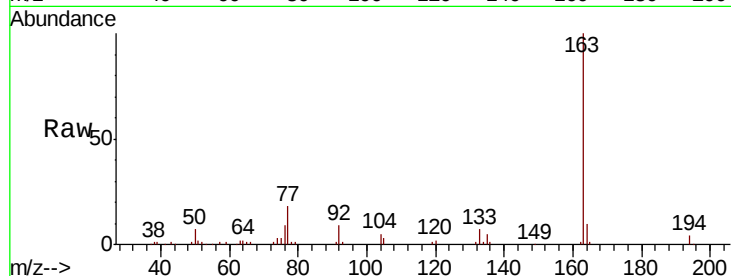




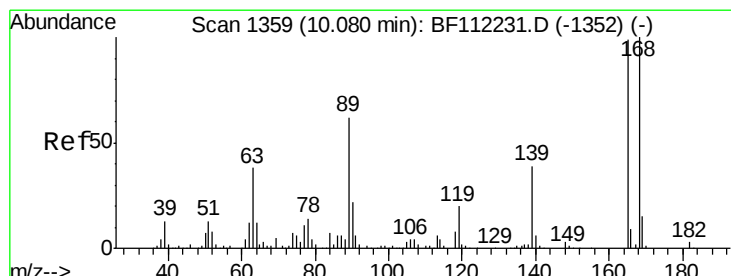
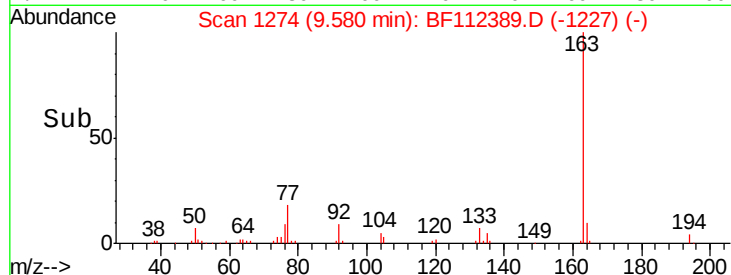
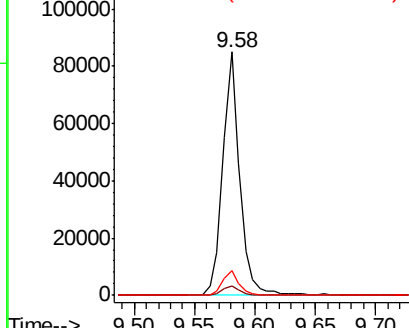
#50
Dimethylphthalate
Concen: 3.971 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

Instrument :
BNA_F
ClientSampled :
CON-1

Tgt Ion:163 Resp: 82440
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.5 12.7

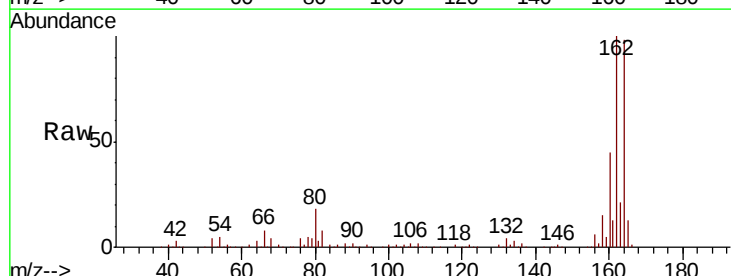


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

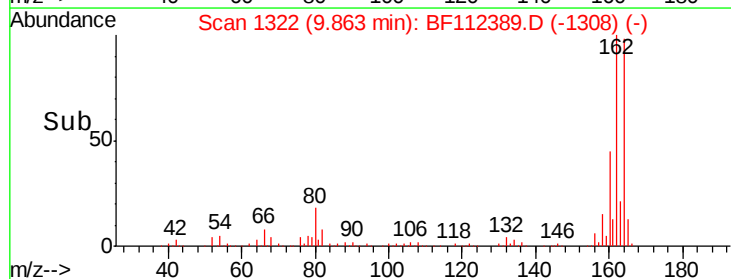
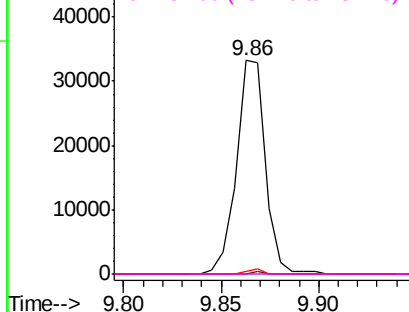


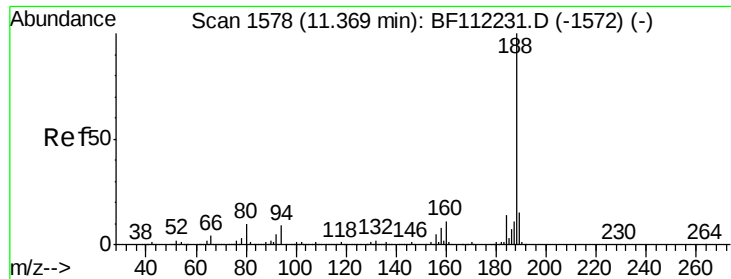
#57
2,4-Dinitrotoluene
Concen: 5.749 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

Tgt Ion:165 Resp: 34033
Ion Ratio Lower Upper
165 100
63 0.0 27.9 41.9#
89 1.1 47.9 71.9#
182 0.0 2.2 3.4#



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

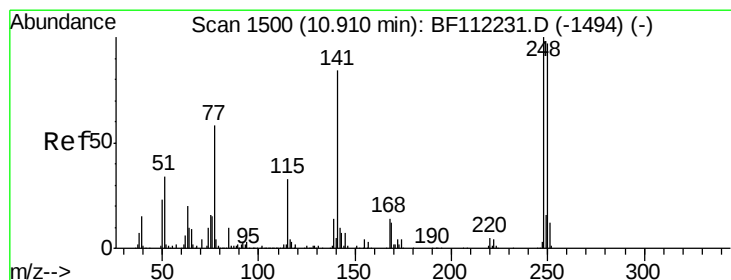
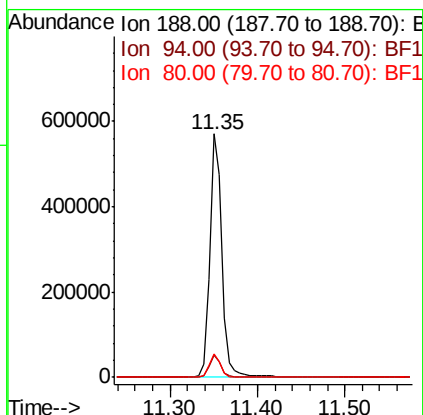
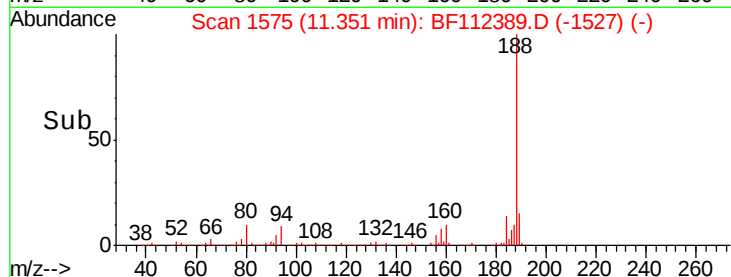
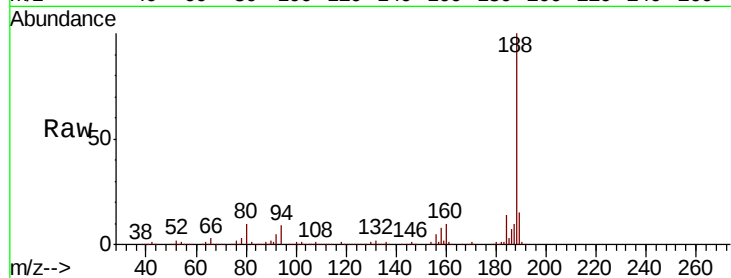




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

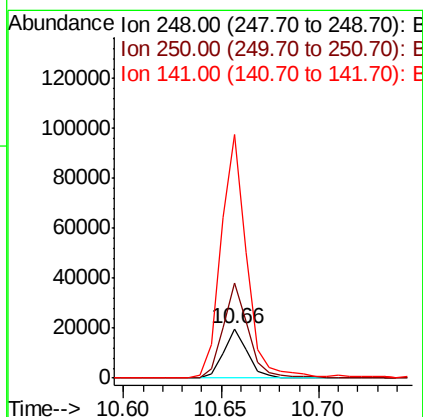
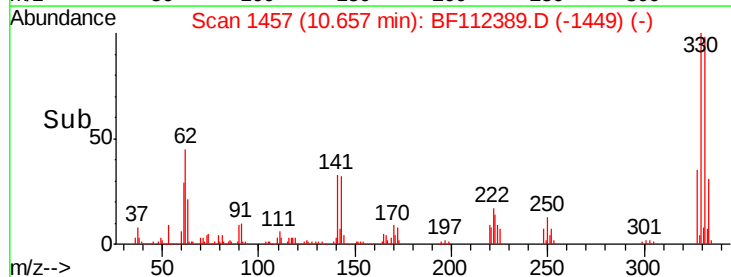
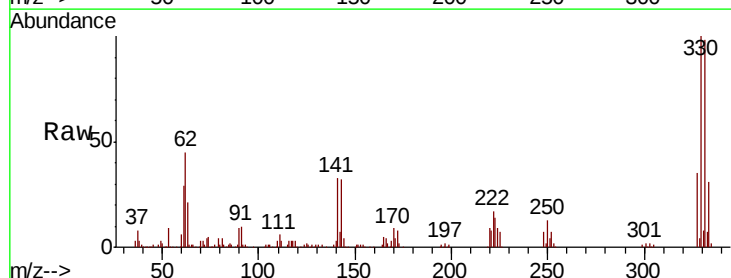
Instrument :
BNA_F
ClientSampleId :
CON-1

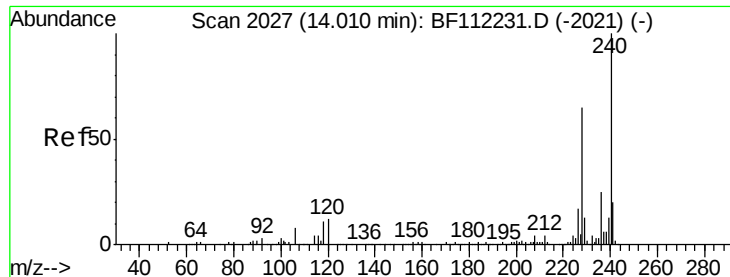
Tgt Ion:188 Resp: 545526
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.665 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

Tgt Ion:248 Resp: 17102
Ion Ratio Lower Upper
248 100
250 192.4 79.7 119.5#
141 493.4 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

CON-1

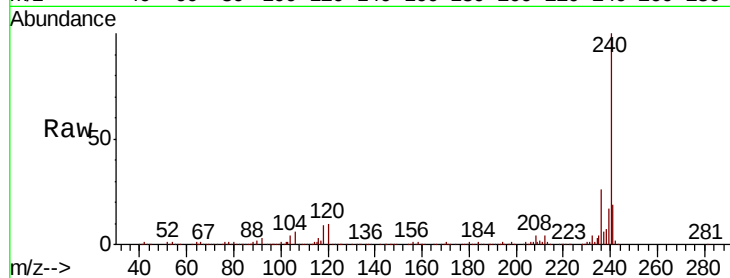
Tgt Ion:240 Resp: 480244

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.6

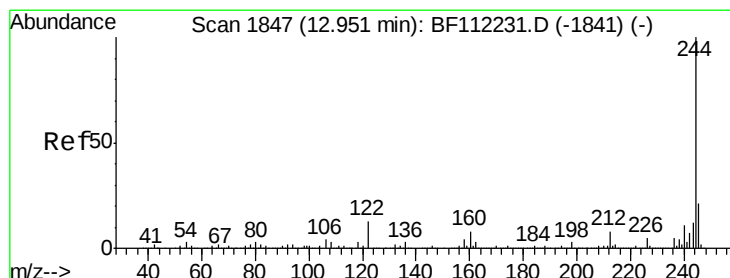
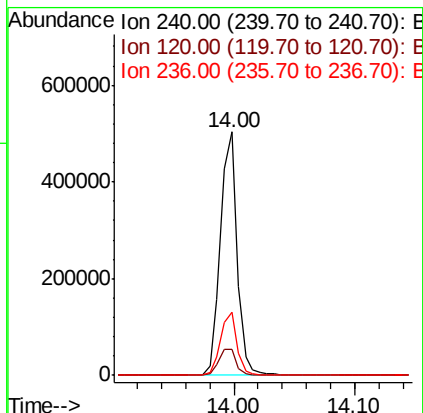
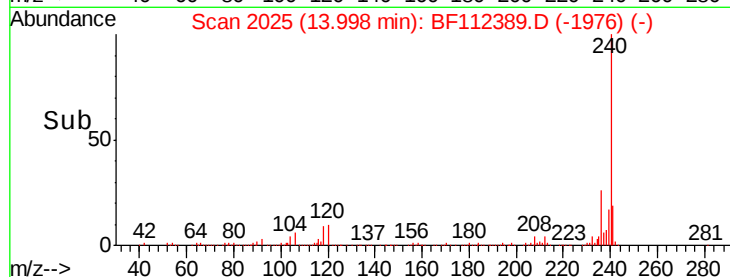
236 25.8 20.7 31.1



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



#79

Terphenyl-d14

Concen: 62.978 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

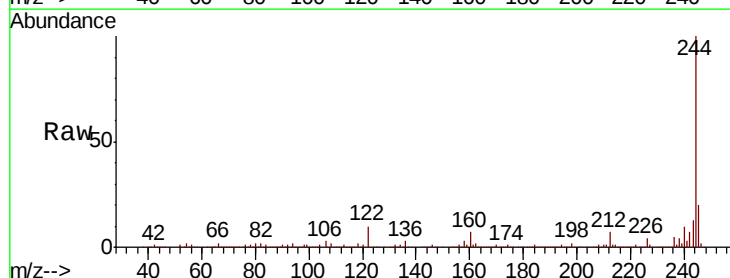
Tgt Ion:244 Resp: 1605828

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

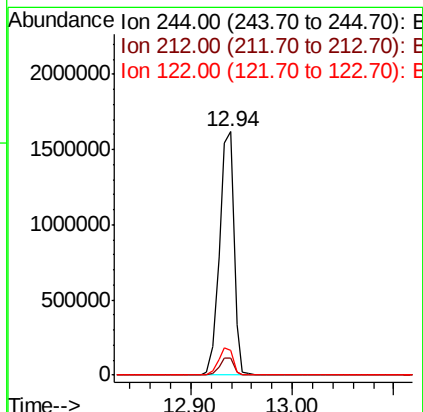
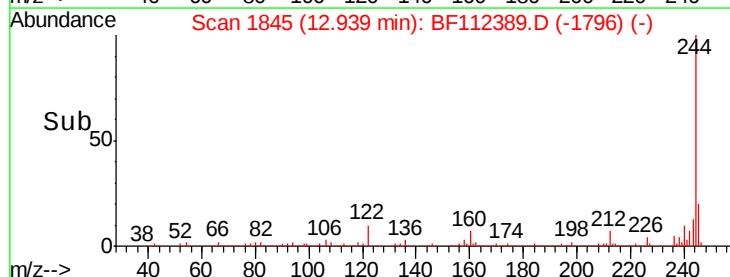
122 10.1 9.8 14.6

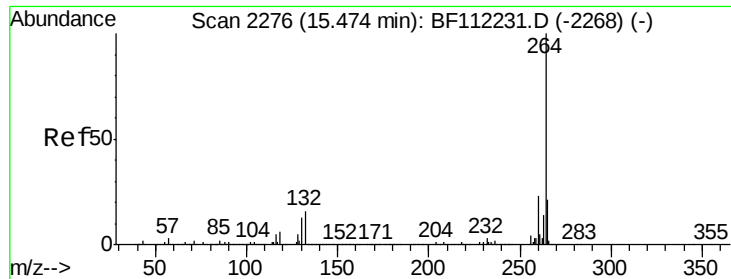


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

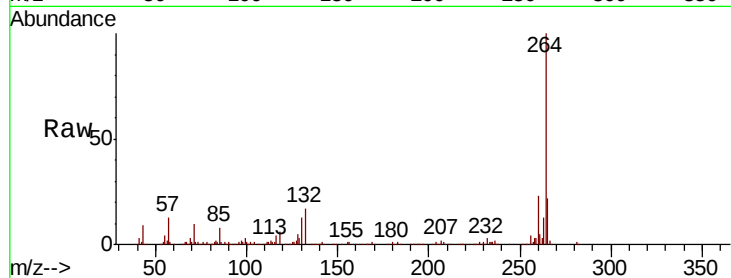




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112389.D
Acq: 4 Feb 2019 19:22

Instrument :
BNA_F
ClientSampleId :
CON-1

Tgt Ion:	264	Resp:	366011
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.2	17.0	25.4



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

