

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112621.D
 Acq On : 19 Feb 2019 15:18
 Operator : JU/SJ
 Sample : K1515-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 16:16:31 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

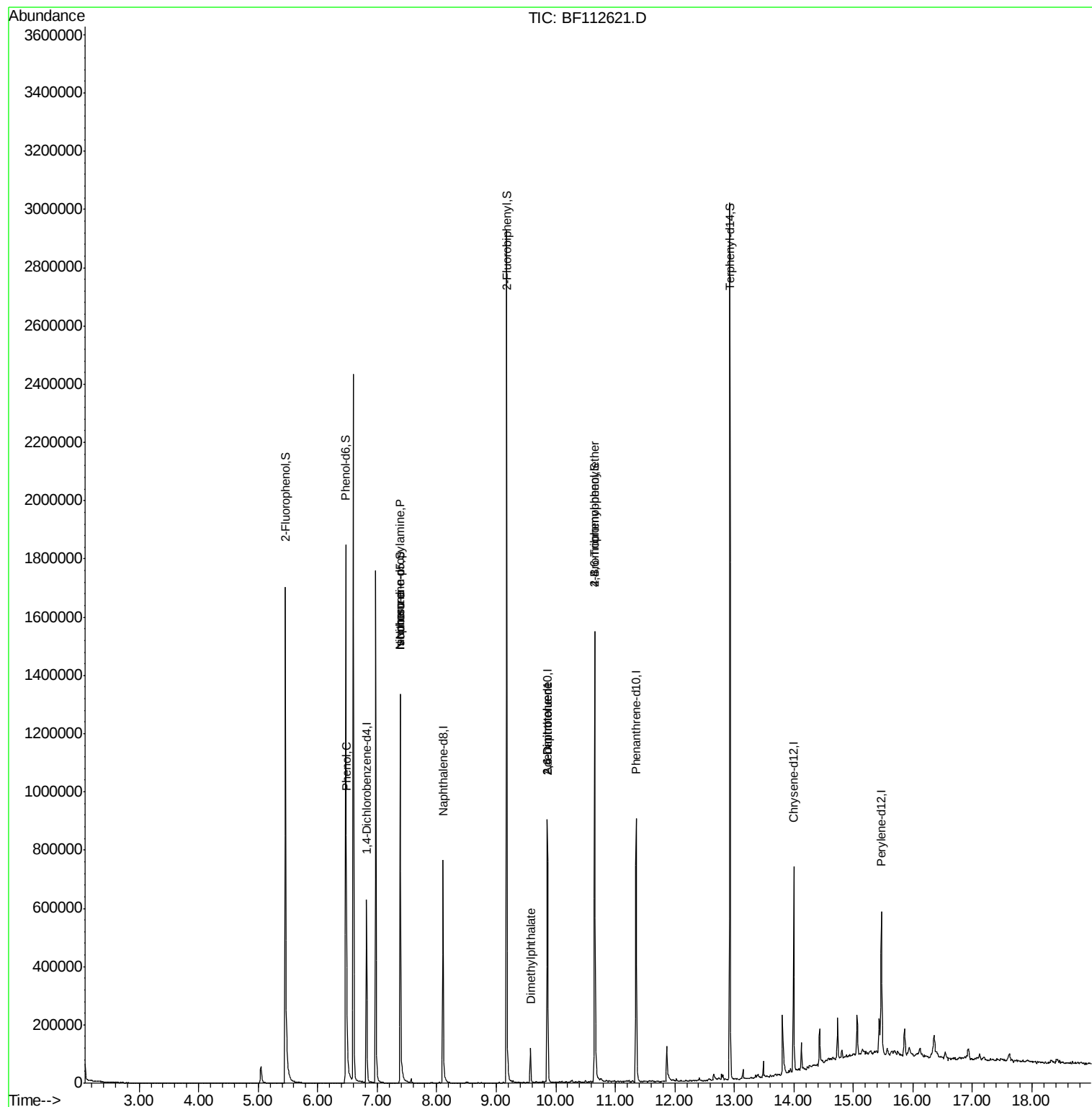
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97156	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	383657	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	188768	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	362514	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	251245	20.00	ng	-0.01
87) Perylene-d12	15.47	264	238439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	551906	120.66	ng	-0.02
7) Phenol-d6	6.47	99	684645	107.72	ng	-0.02
23) Nitrobenzene-d5	7.39	82	452110	67.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	228133	103.83	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	941118	70.51	ng	-0.03
79) Terphenyl-d14	12.93	244	932502	69.90	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	46031	6.601	ng	86
19) n-Nitroso-di-n-propylamine	7.39	70	60079	13.708	ng	# 77
25) Isophorone	7.39	82	452108	43.282	ng	# 63
50) Dimethylphthalate	9.57	163	54294	3.702	ng	98
51) 2,6-Dinitrotoluene	9.86	165	24582	7.484	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	24582	5.879	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	14101	3.307	ng	# 1

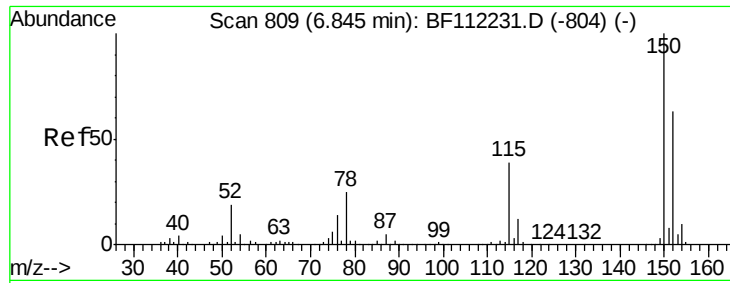
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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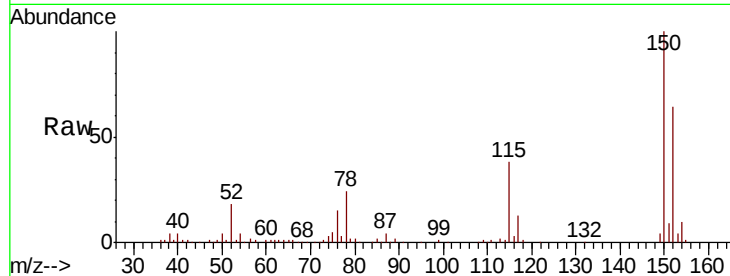


#1

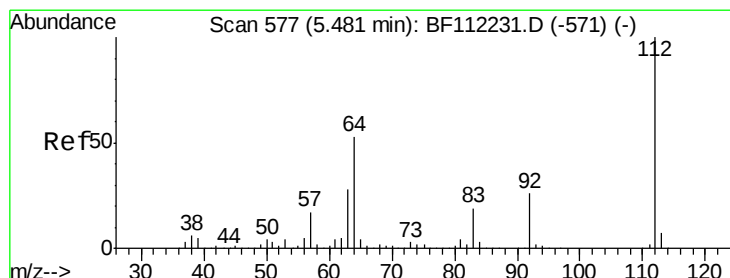
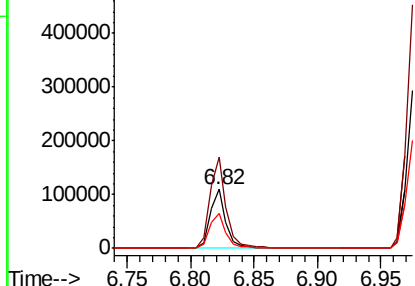
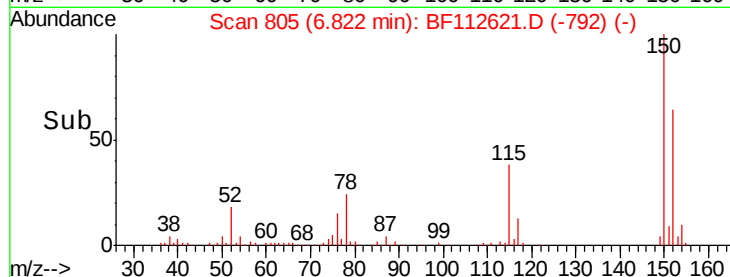
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97156
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.5 45.5 68.3



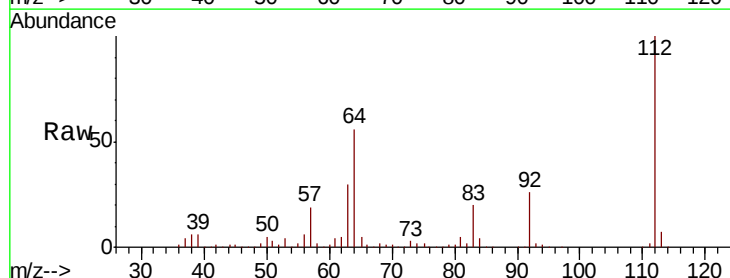
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



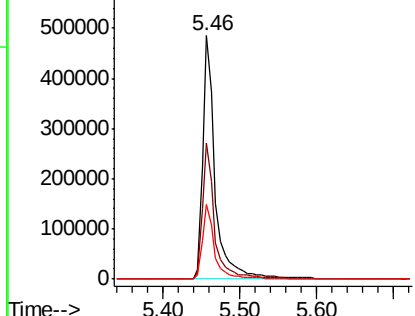
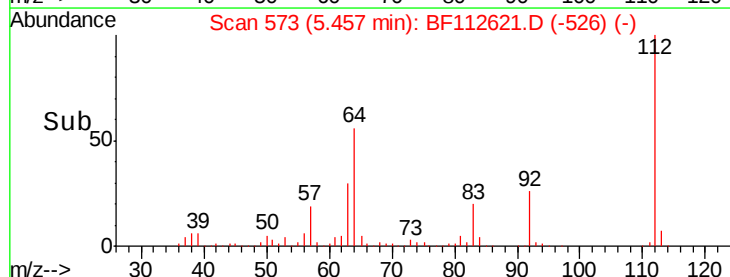
#5

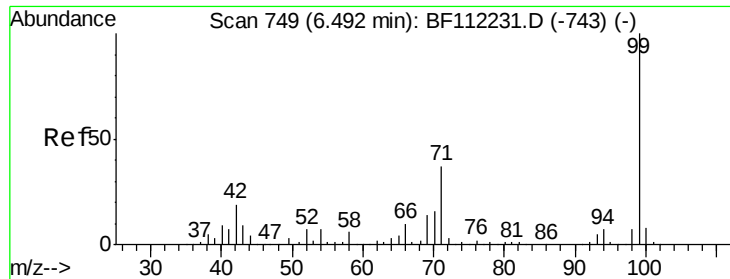
2-Fluorophenol
Concen: 120.660 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Tgt Ion:112 Resp: 551906
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 30.5 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: 107.718 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112621.D

Acq: 19 Feb 2019 15:18

Instrument :

BNA_F

ClientSampleId :

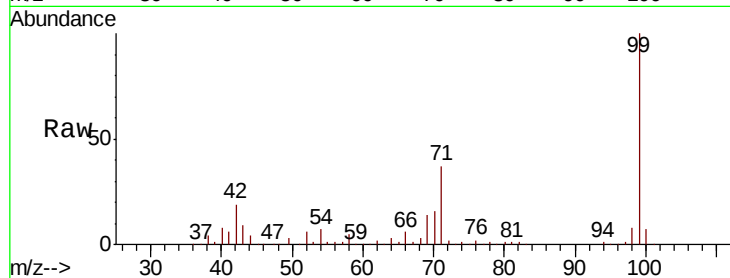
Tot Ion: 99 Resp: 684645

Ion Ratio Lower Upper

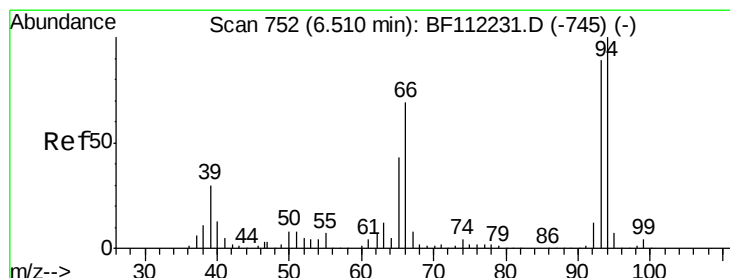
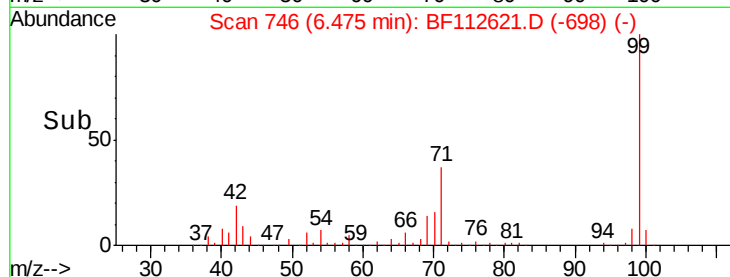
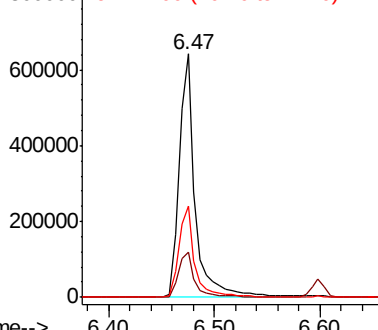
99 100

42 18.5 15.1 22.7

71 37.4 26.9 40.3



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: 6.601 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112621.D

Acq: 19 Feb 2019 15:18

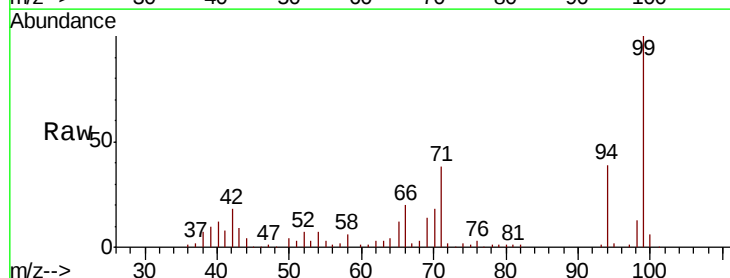
Tgt Ion: 94 Resp: 46031

Ion Ratio Lower Upper

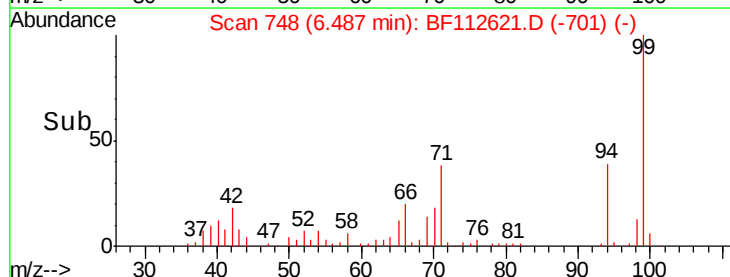
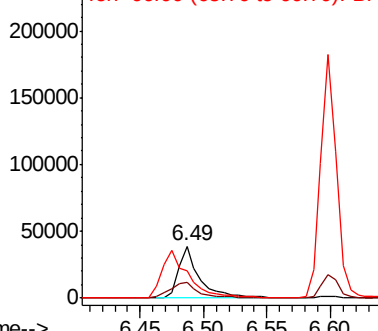
94 100

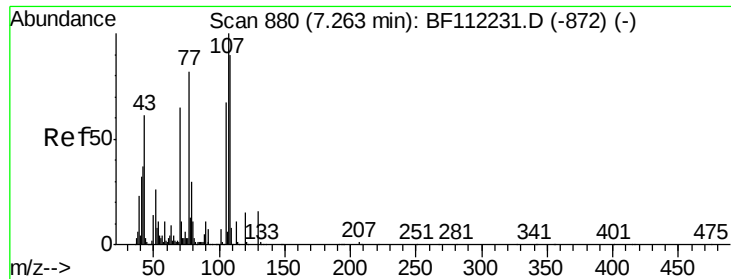
65 30.7 20.3 60.3

66 51.9 42.4 82.4



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

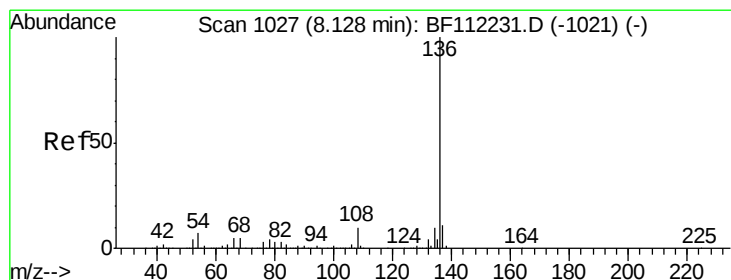
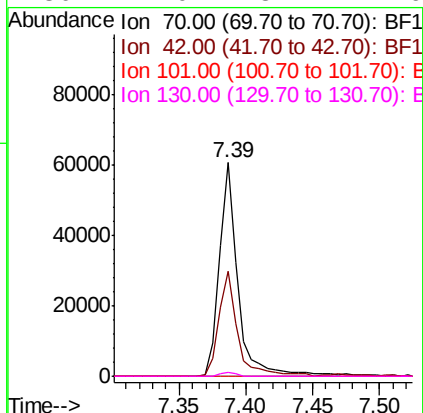
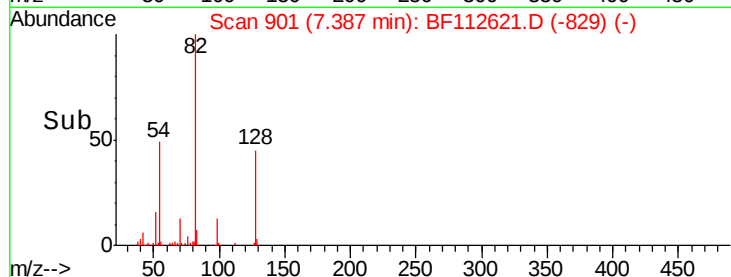
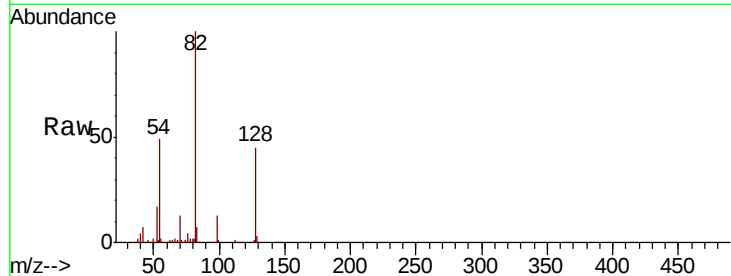




#19
n-Nitroso-di-n-propylamine
Concen: 13.708 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

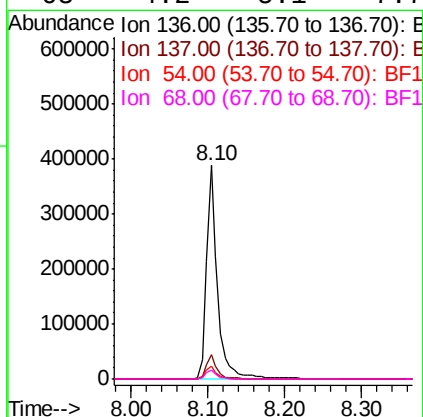
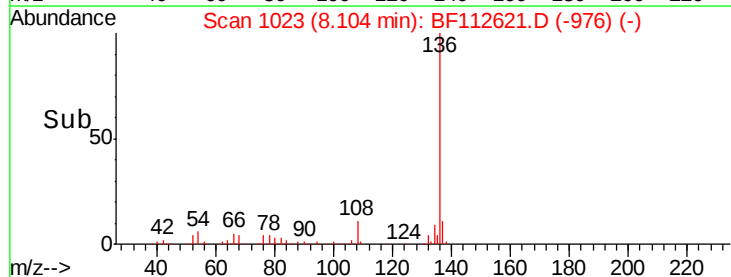
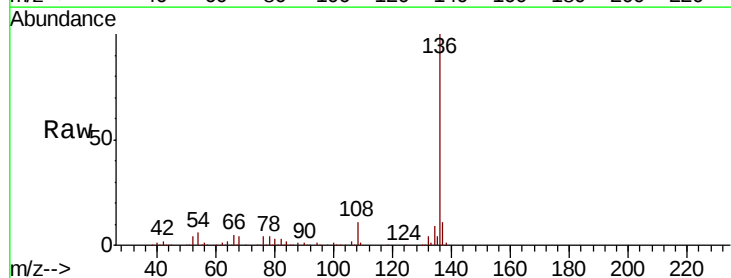
Instrument :
BNA_F
ClientSampleId :

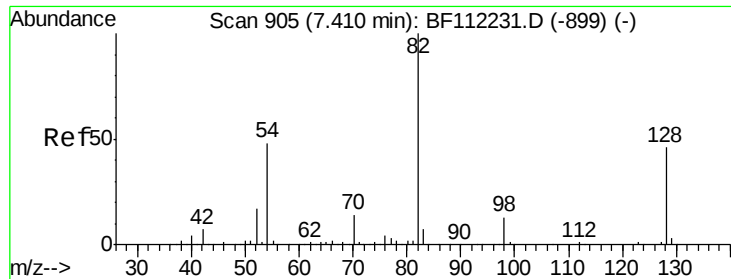
Tot Ion:	70	Resp:	60079
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.0	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Tgt Ion:	136	Resp:	383657
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.2	5.9	8.9
68	4.2	5.1	7.7#

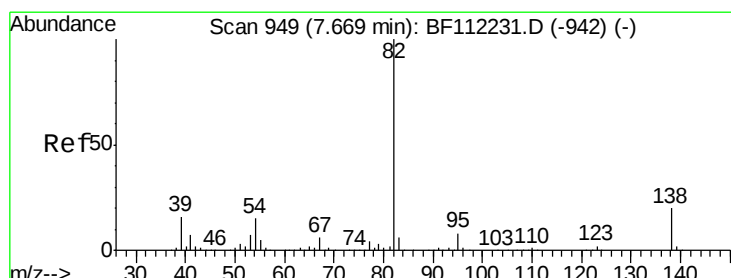
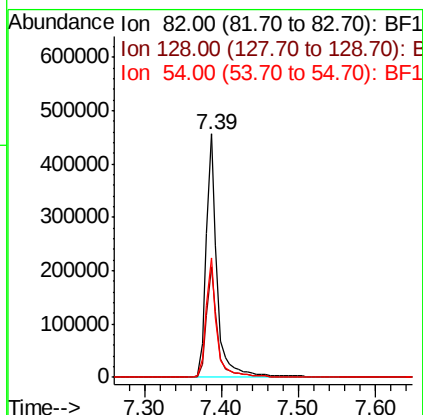
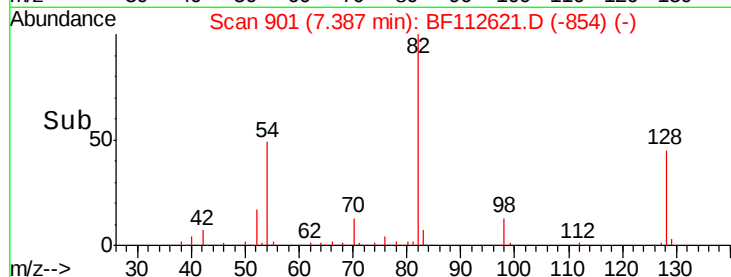
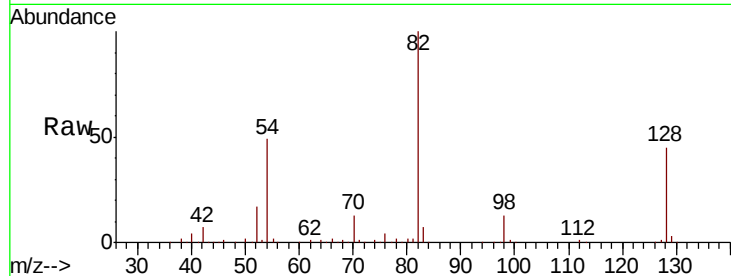




#23
Nitrobenzene-d5
Concen: 67.900 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

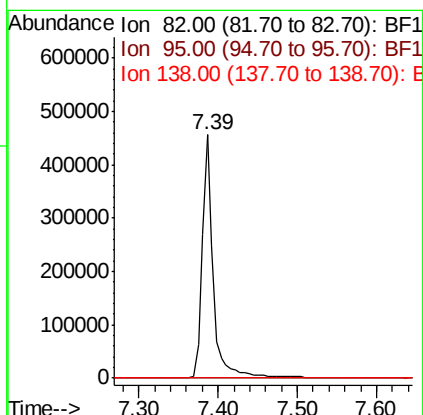
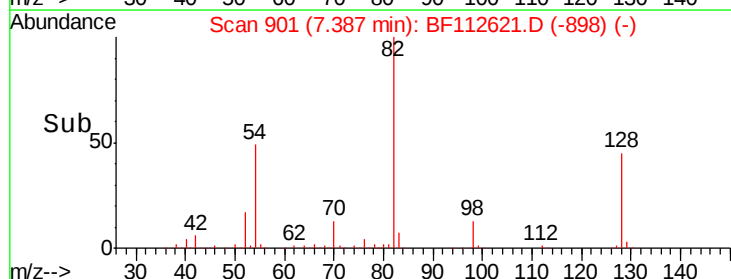
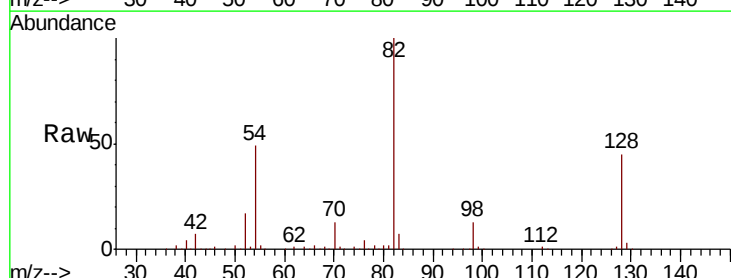
Instrument :
BNA_F
ClientSampleId :

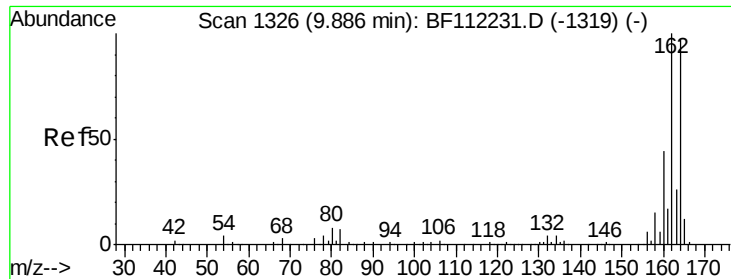
Tot Ion: 82 Resp: 452110
Ion Ratio Lower Upper
82 100
128 45.3 37.8 56.8
54 49.1 39.7 59.5



#25
Isophorone
Concen: 43.282 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Tgt Ion: 82 Resp: 452108
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

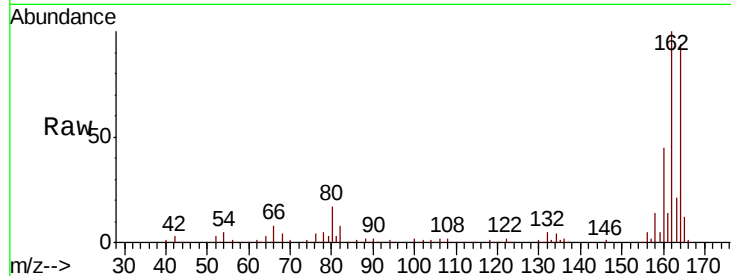




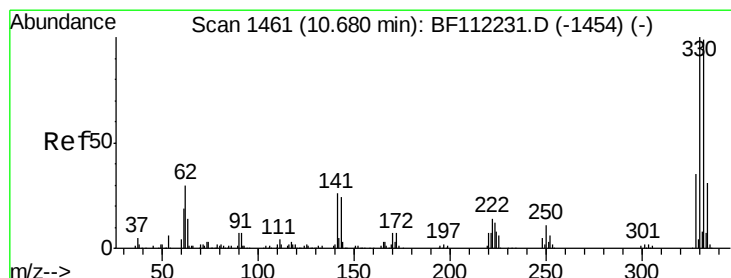
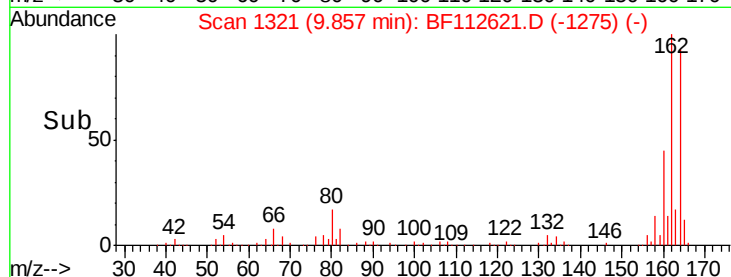
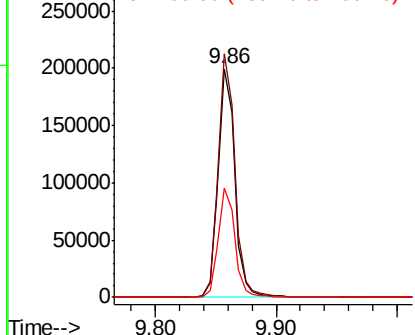
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 188768
Ion Ratio Lower Upper
164 100
162 106.7 82.2 123.4
160 47.9 36.2 54.4

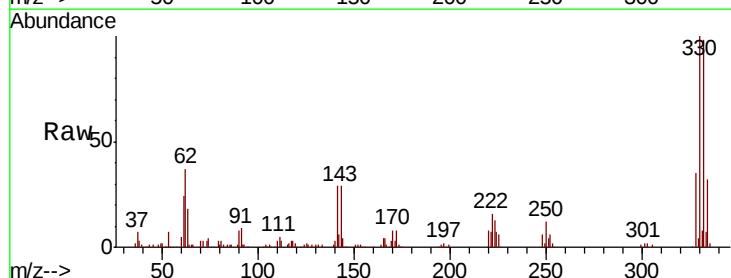


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

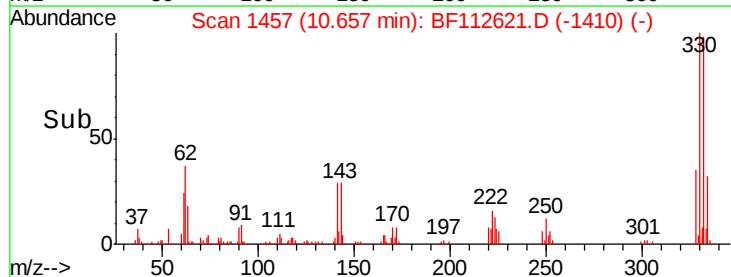
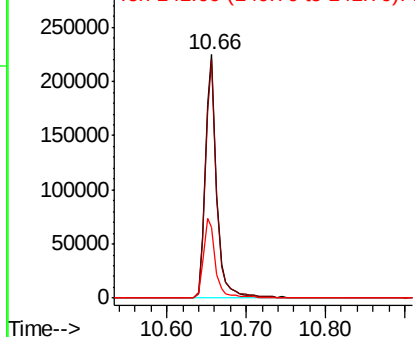


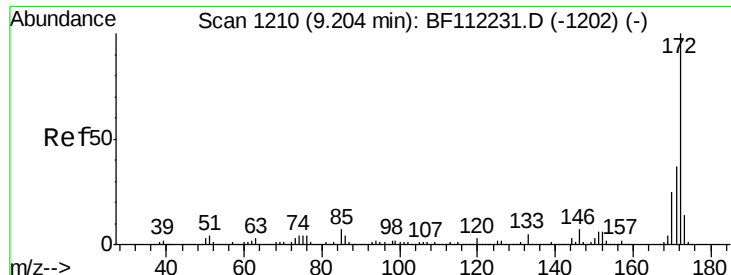
#42
2,4,6-Tribromophenol
Concen: 103.829 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Tgt Ion:330 Resp: 228133
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 34.6 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

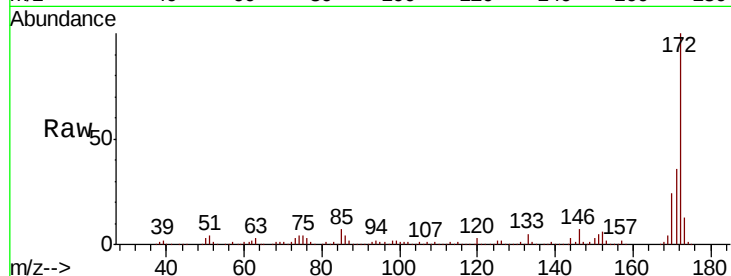




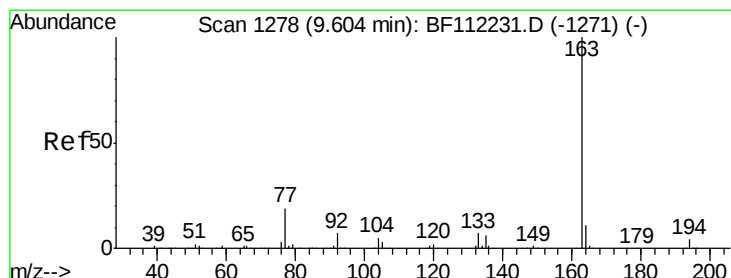
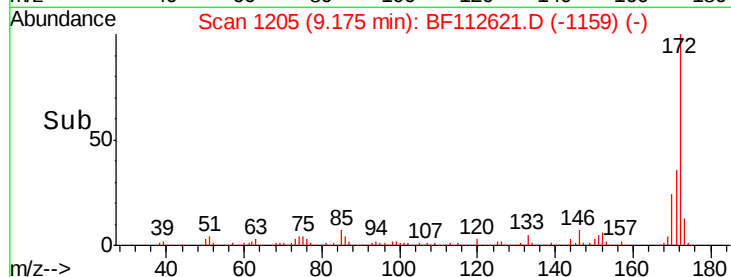
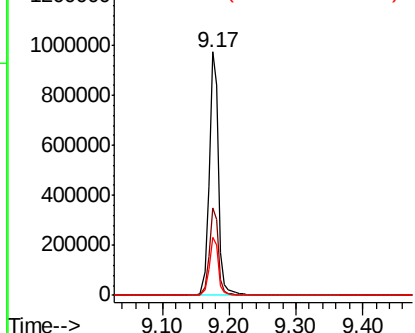
#45
2-Fluorobiphenyl
Concen: 70.513 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 941118
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 24.0 20.2 30.4

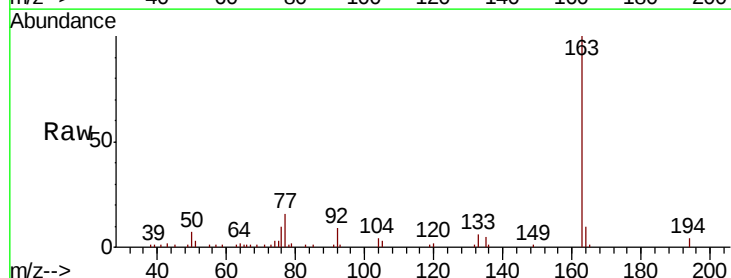


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

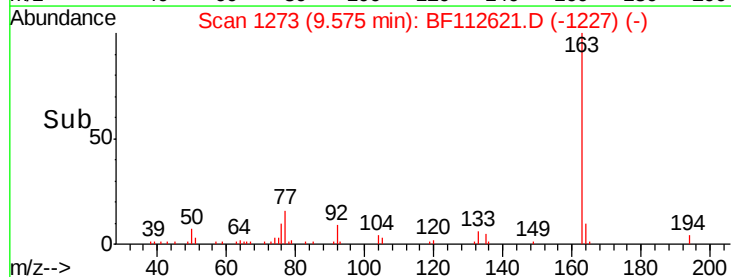
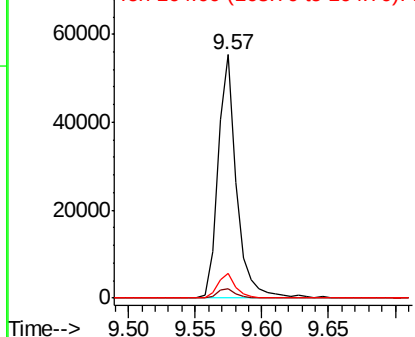


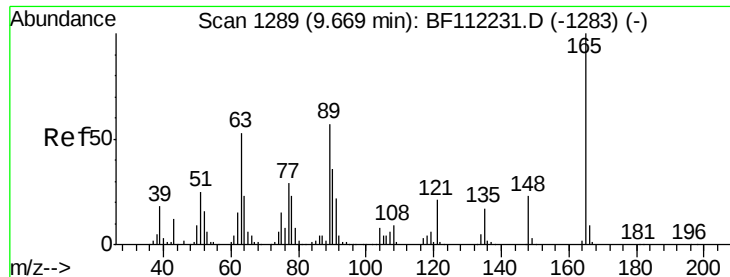
#50
Dimethylphthalate
Concen: 3.702 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Tgt Ion:163 Resp: 54294
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.9 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





#51

2,6-Dinitrotoluene

Concen: 7.484 ng

RT: 9.86 min Scan# 1321

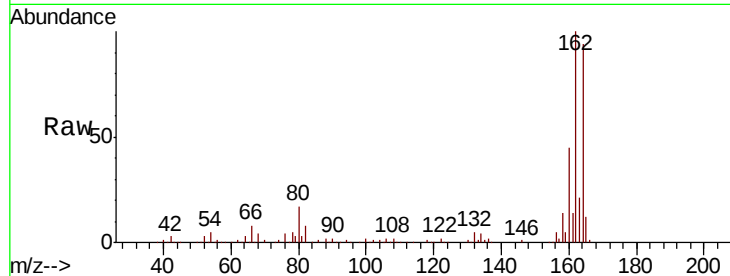
Delta R.T. 0.19 min

Lab File: BF112621.D

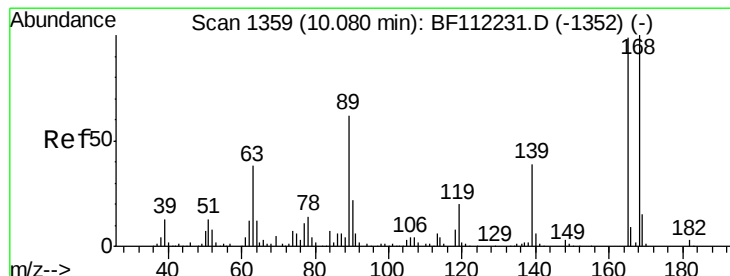
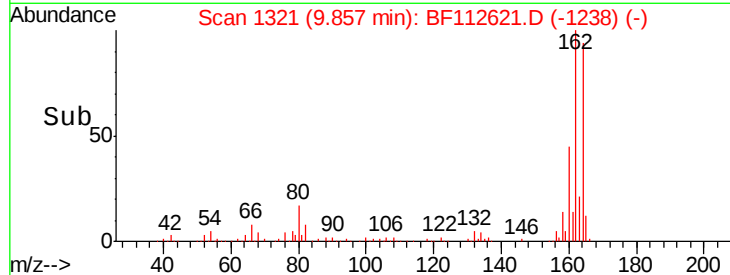
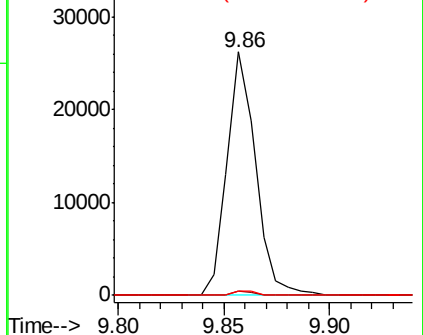
Acq: 19 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	24582
Ion Ratio	Lower	Upper	
165	100		
63	1.6	33.8	50.8#
89	1.8	36.9	55.3#



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: 5.879 ng

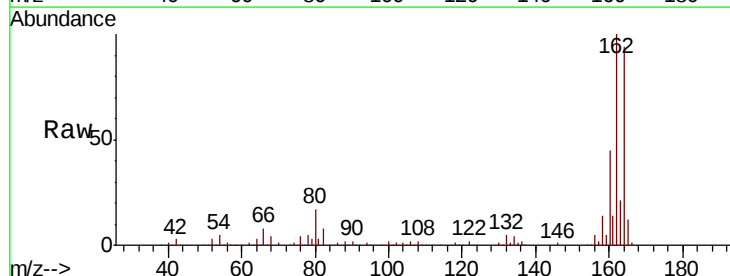
RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

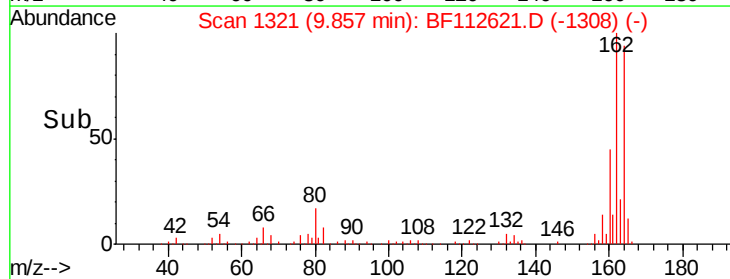
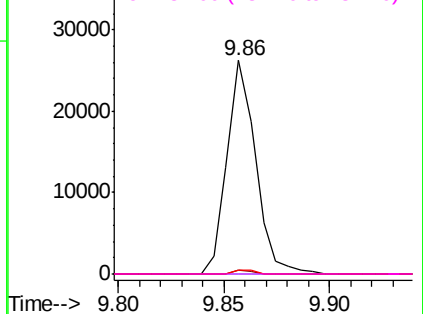
Lab File: BF112621.D

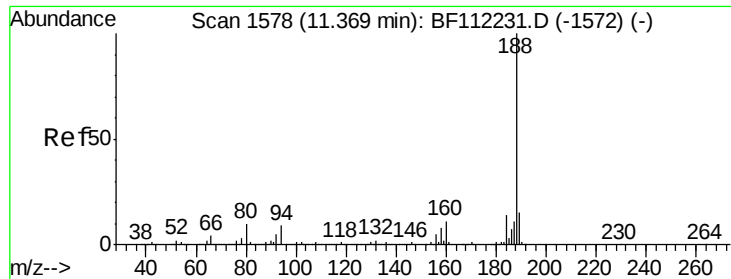
Acq: 19 Feb 2019 15:18

Tgt Ion:	165	Resp:	24582
Ion Ratio	Lower	Upper	
165	100		
63	1.6	27.9	41.9#
89	1.8	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: BF112621.D

Acq: 19 Feb 2019 15:18

Instrument :

BNA_F

ClientSampled :

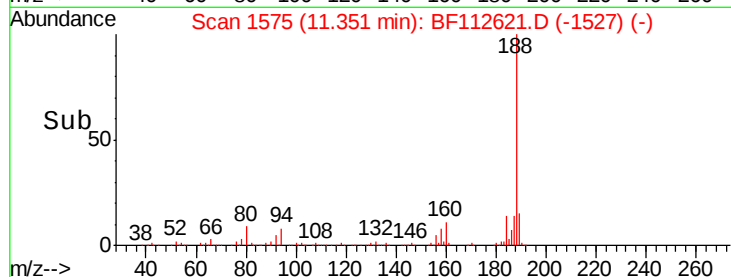
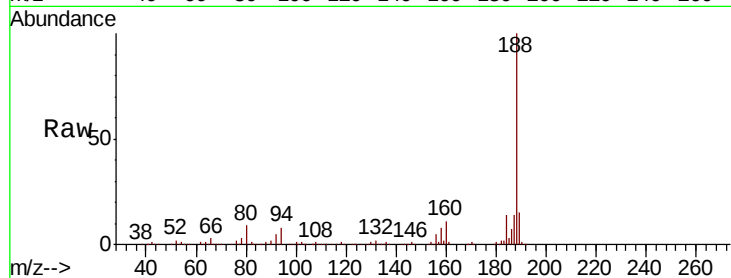
Tot Ion:188 Resp: 362514

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

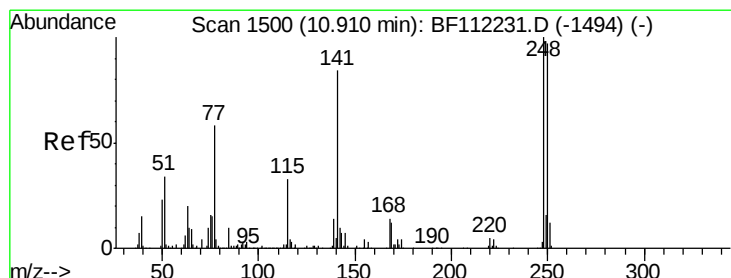
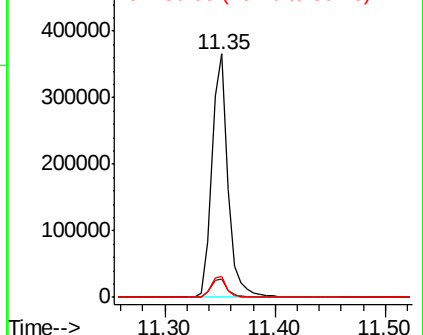
80 8.5 8.9 13.3#



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



#67

4-Bromophenyl-phenylether

Concen: 3.307 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.25 min

Lab File: BF112621.D

Acq: 19 Feb 2019 15:18

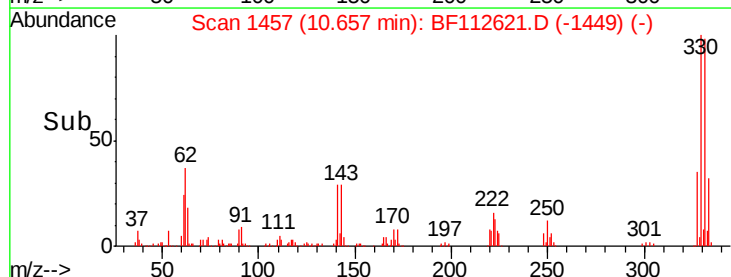
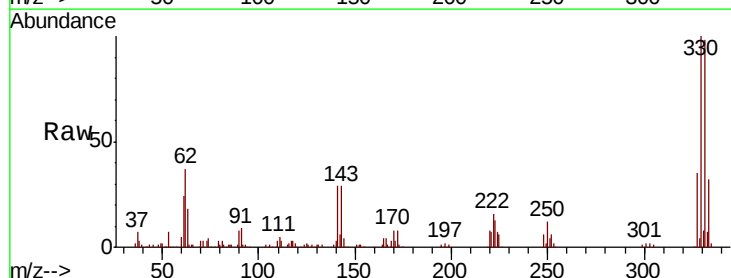
Tgt Ion:248 Resp: 14101

Ion Ratio Lower Upper

248 100

250 197.3 79.7 119.5#

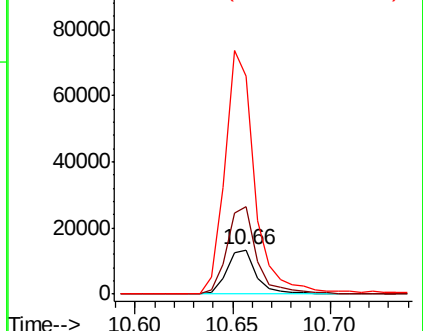
141 489.8 60.3 90.5#

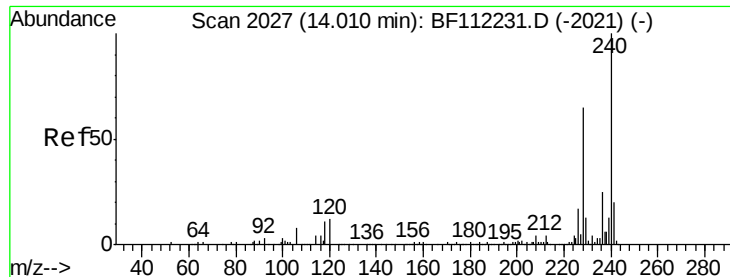


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112621.D

Acq: 19 Feb 2019 15:18

Instrument :

BNA_F

ClientSampleId :

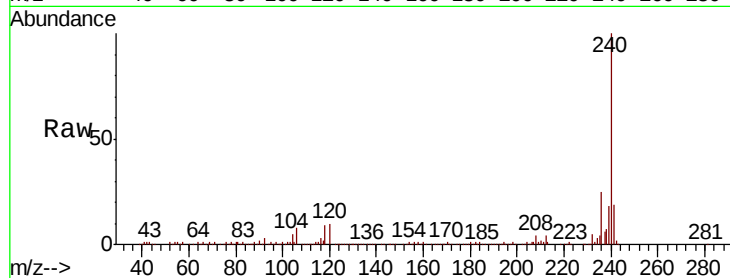
Tot Ion:240 Resp: 251245

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

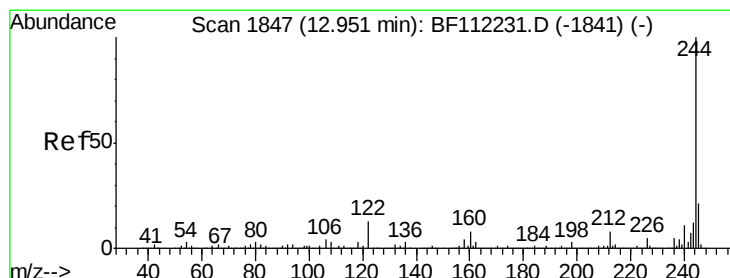
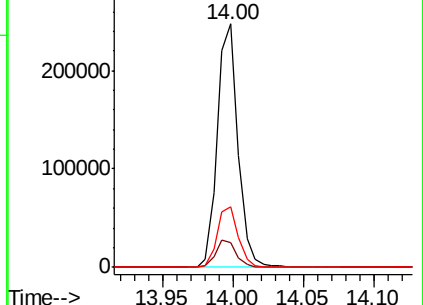
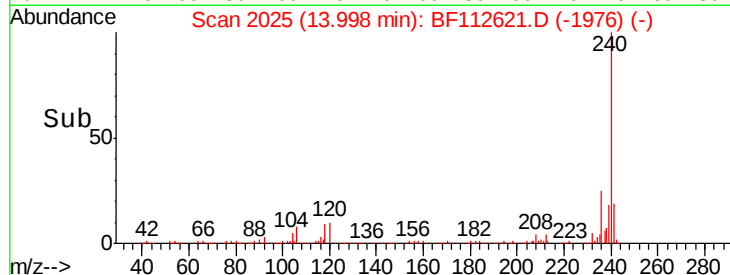
236 25.0 20.7 31.1



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: 69.905 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112621.D

Acq: 19 Feb 2019 15:18

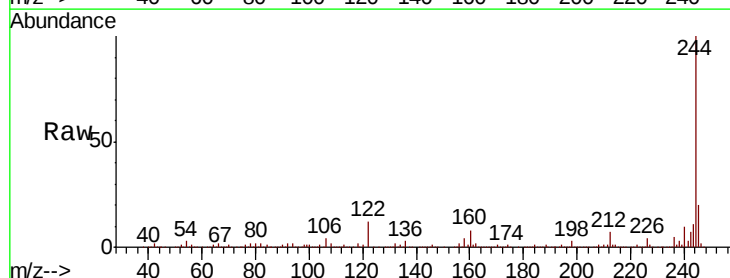
Tgt Ion:244 Resp: 932502

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

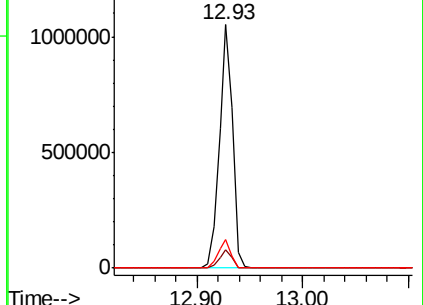
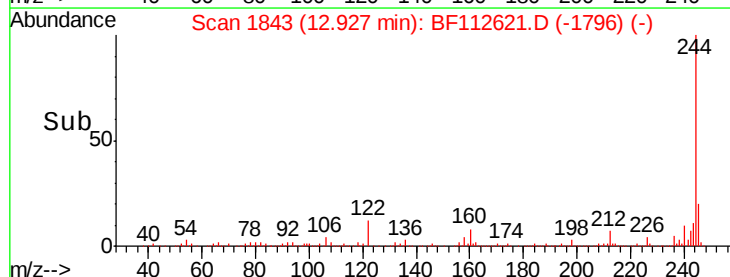
122 11.8 9.8 14.6

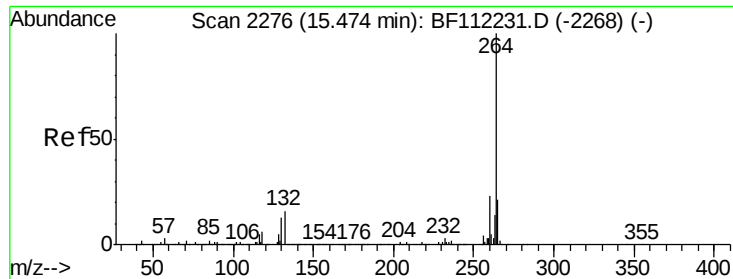


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

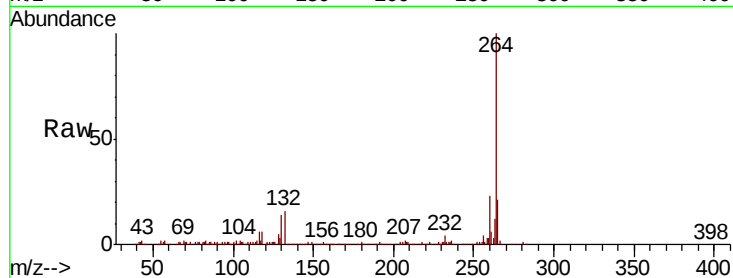




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112621.D
Acq: 19 Feb 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.3	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

