

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114235.D
 Acq On : 13 May 2019 18:00
 Operator : JU/SJ
 Sample : K2767-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0002-01

Quant Time: May 14 04:48:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

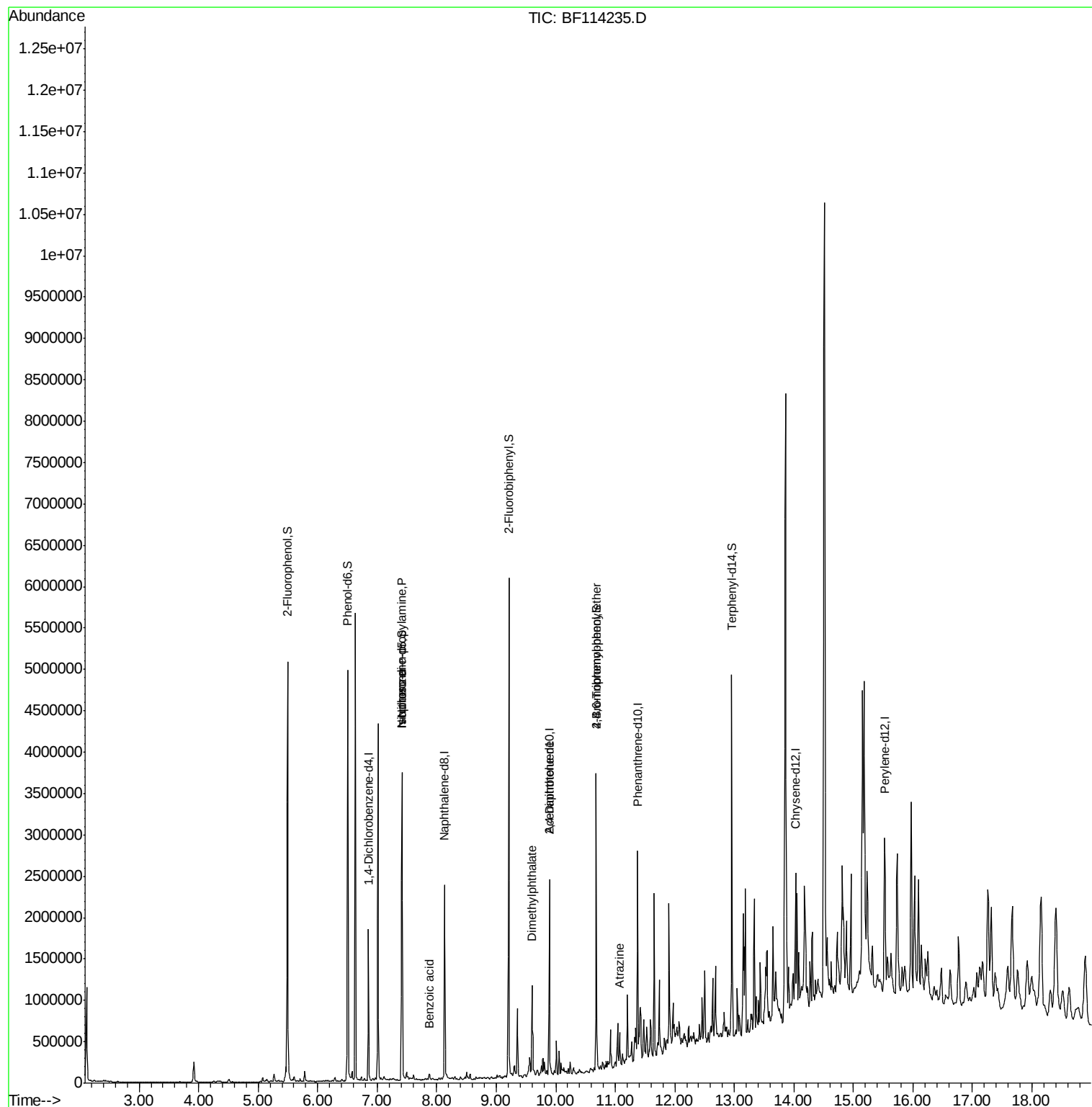
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	268252	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1023362	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	477178	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	889793	20.00	ng	0.00
76) Chrysene-d12	14.03	240	579406	20.00	ng	0.00
87) Perylene-d12	15.52	264	564049	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1416881	85.00	ng	0.01
7) Phenol-d6	6.50	99	1831572	92.90	ng	0.01
23) Nitrobenzene-d5	7.42	82	1166670	63.98	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	410833	83.28	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1805391	57.23	ng	0.00
79) Terphenyl-d14	12.96	244	1505875	53.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	154568	12.369	ng	# 76
25) Isophorone	7.42	82	1163312	34.398	ng	# 64
32) Benzoic acid	7.87	122	6306	7.554	ng	94
50) Dimethylphthalate	9.60	163	452644	12.922	ng	99
57) 2,4-Dinitrotoluene	9.89	165	64022	6.071	ng	# 26
67) 4-Bromophenyl-phenylether	10.68	248	26395	2.694	ng	# 1
69) Atrazine	11.07	200	40583	4.829	ng	# 36

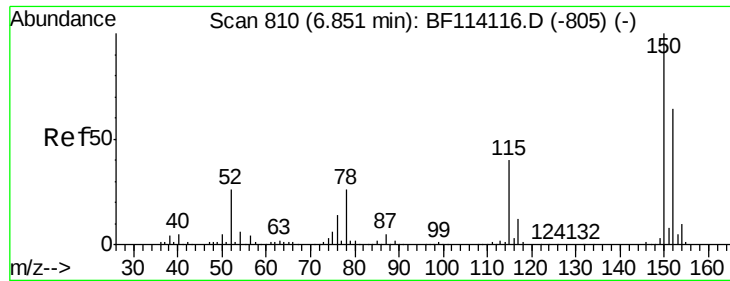
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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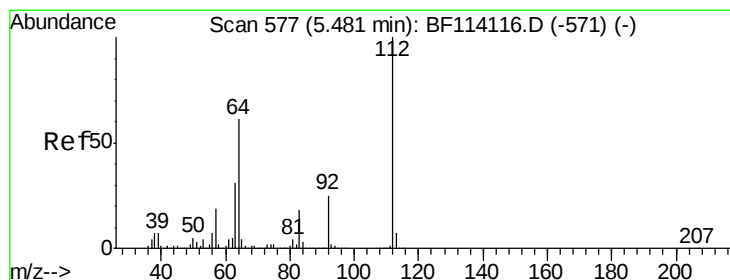
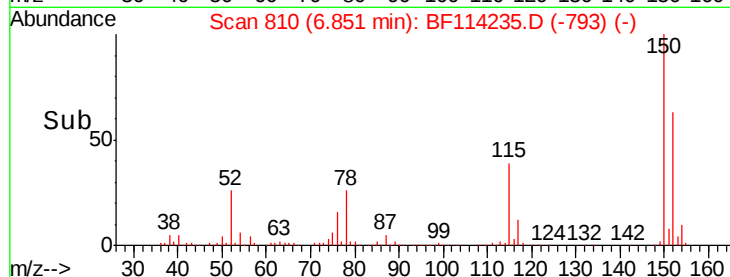
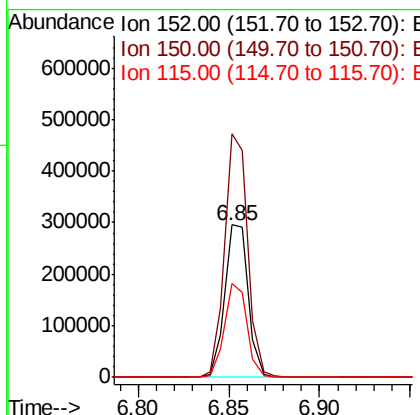
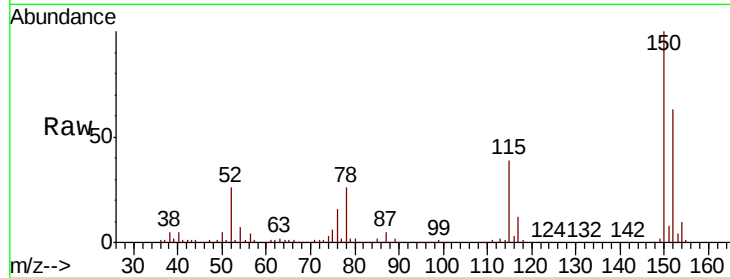




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

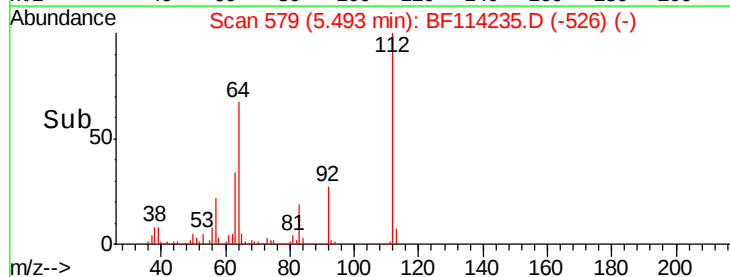
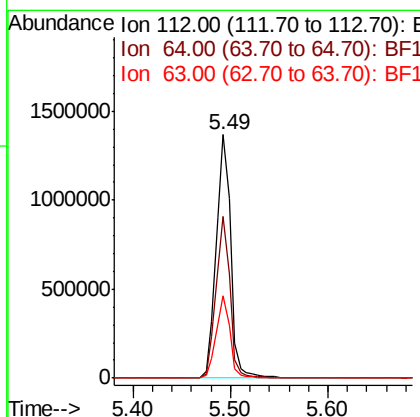
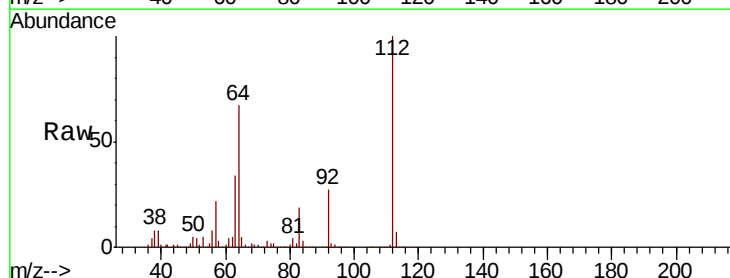
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0002-01

Tgt Ion:152 Resp: 268252
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.3 186.5
 115 61.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 85.000 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Tgt Ion:112 Resp: 1416881
 Ion Ratio Lower Upper
 112 100
 64 66.6 49.0 73.6
 63 33.6 24.6 37.0





#7

Phenol-d6

Concen: 92.901 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0002-01

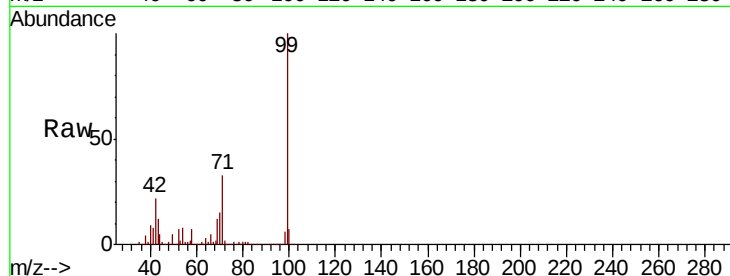
Tgt Ion: 99 Resp: 1831572

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

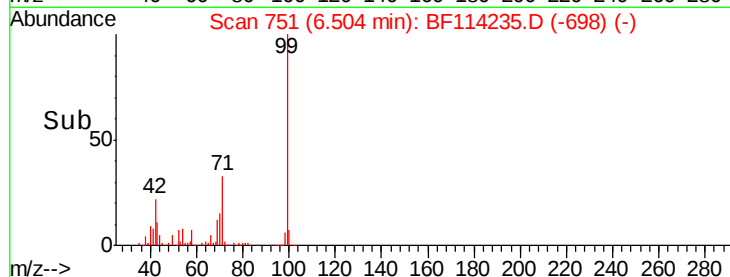
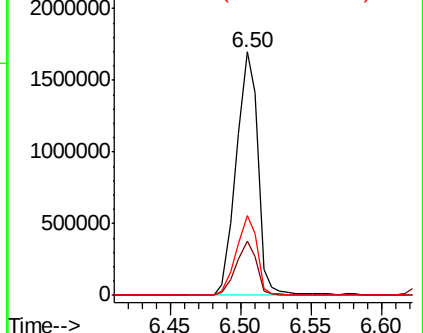
71 32.9 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.369 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Tgt Ion: 70 Resp: 154568

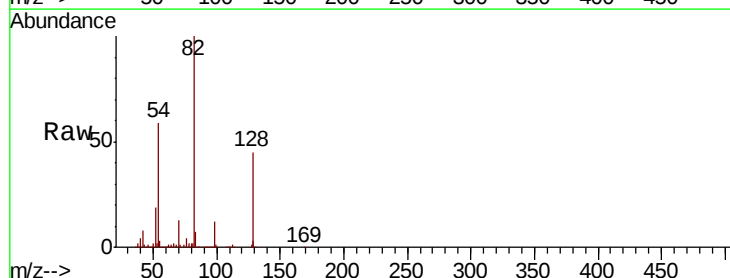
Ion Ratio Lower Upper

70 100

42 57.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

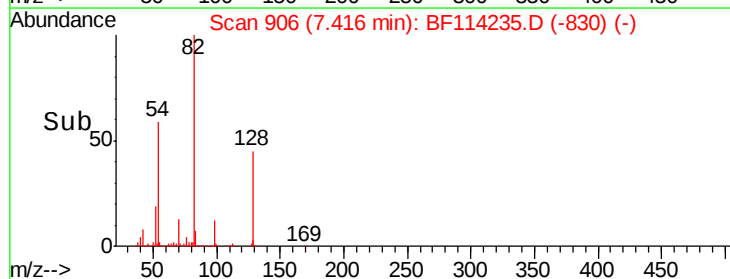
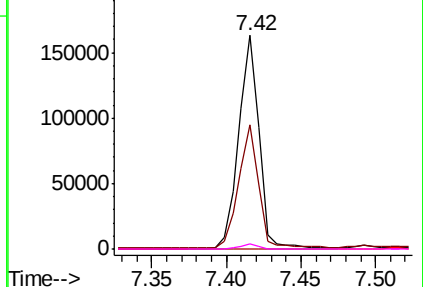


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

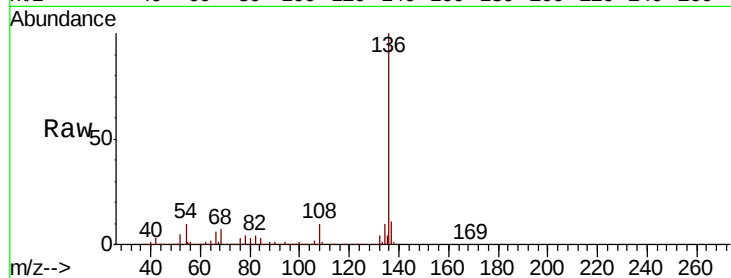




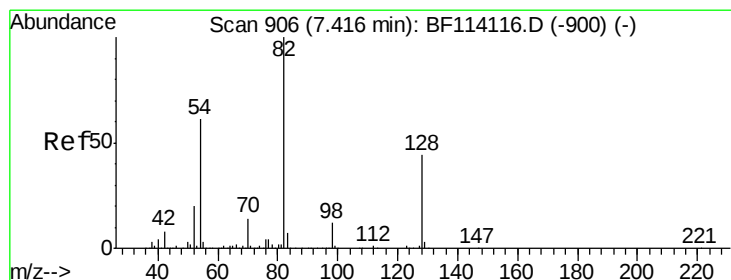
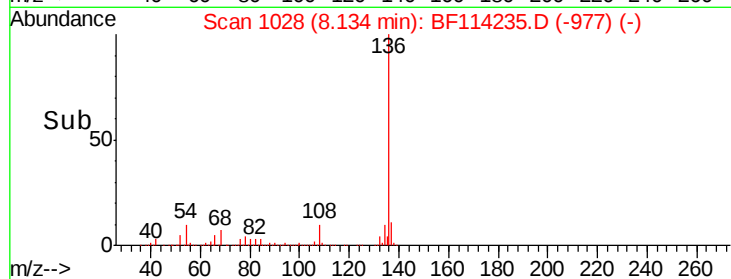
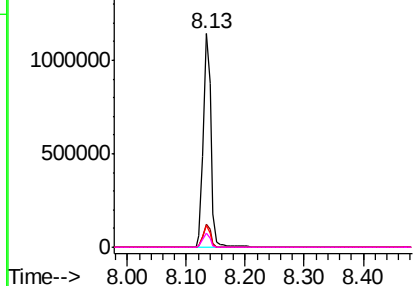
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0002-01

Tgt Ion:	136	Resp:	1023362
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	7.8	11.8
68	6.7	5.1	7.7

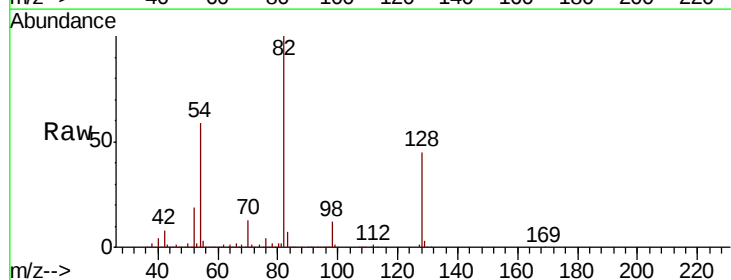


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

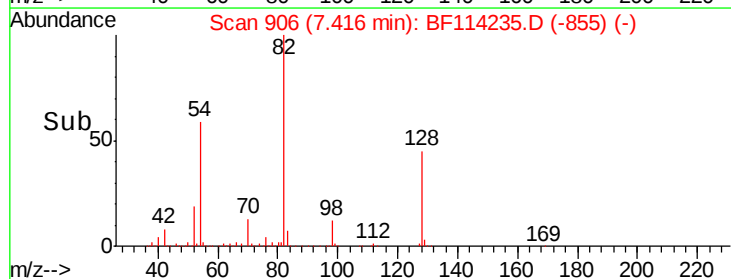
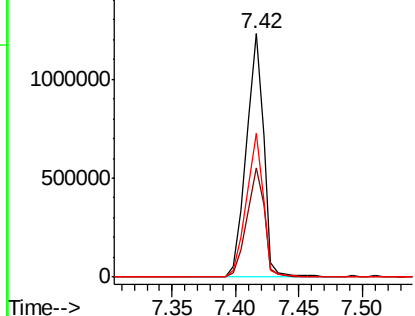


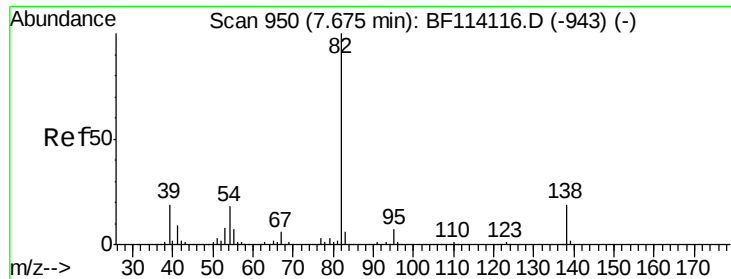
#23
Nitrobenzene-d5
Concen: 63.979 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Tgt Ion:	82	Resp:	1166670
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	58.8	48.5	72.7



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: 34.398 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0002-01

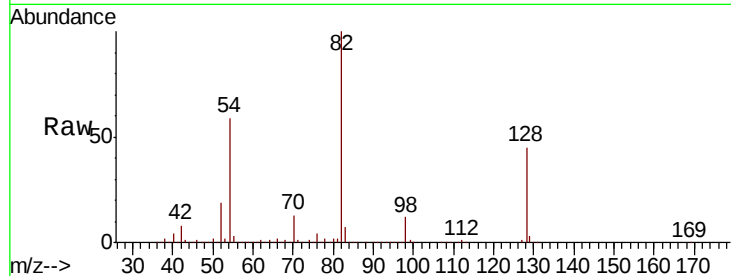
Tgt Ion: 82 Resp: 1163312

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

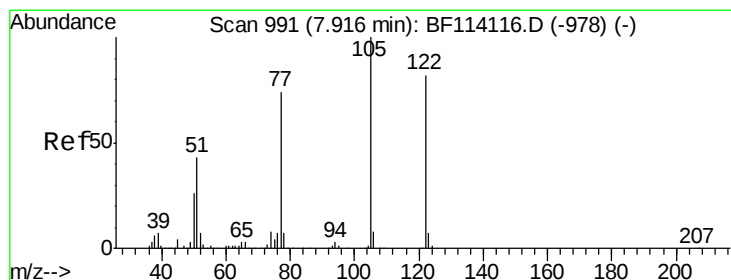
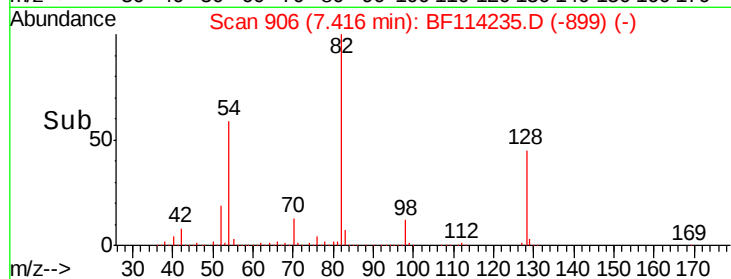
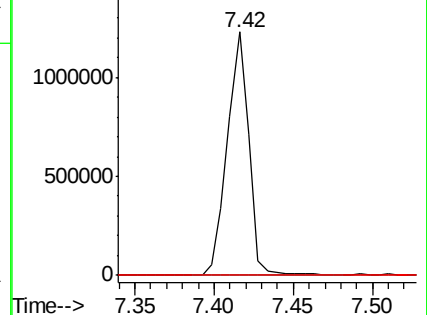
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.554 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

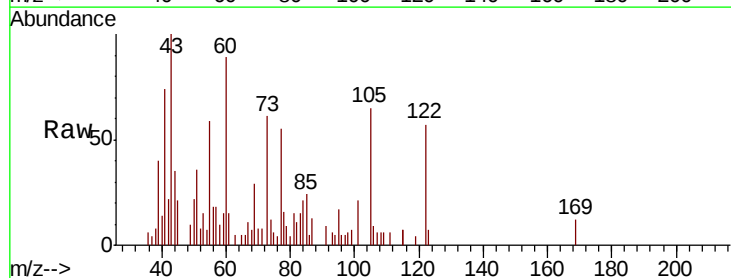
Tgt Ion:122 Resp: 6306

Ion Ratio Lower Upper

122 100

105 114.4 99.9 139.9

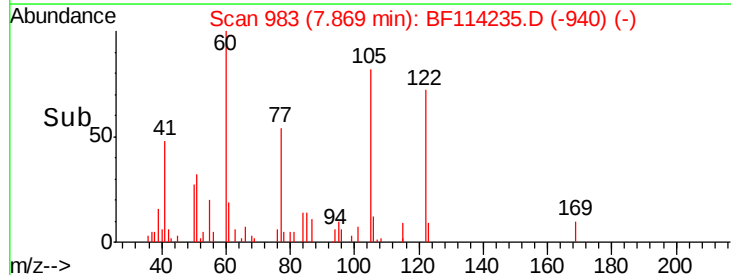
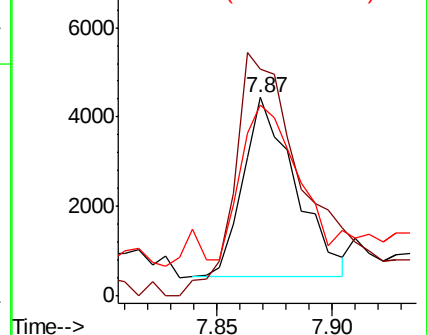
77 96.1 69.4 109.4

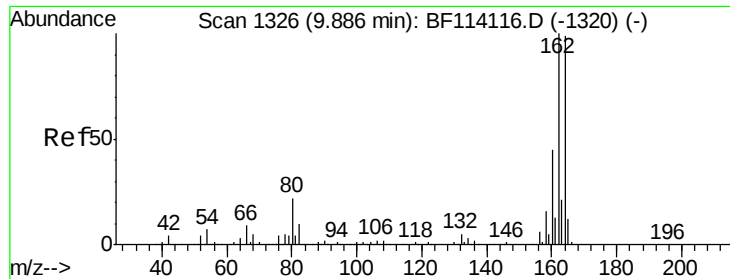


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

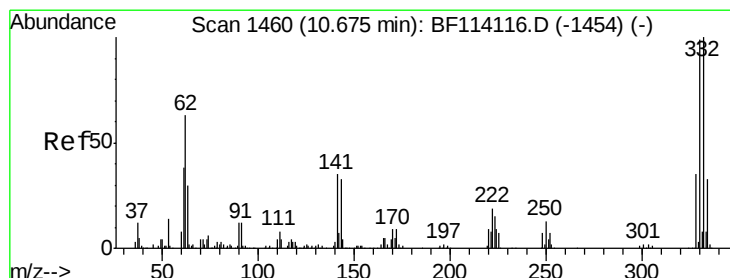
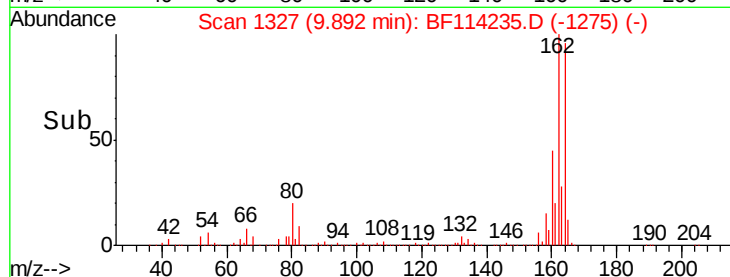
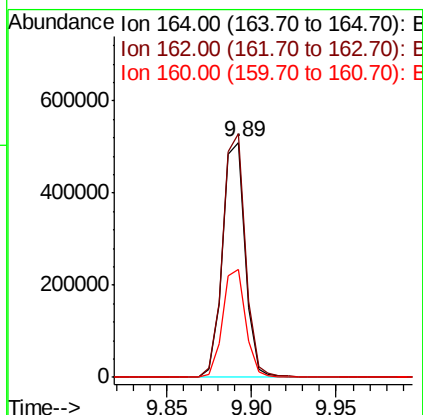
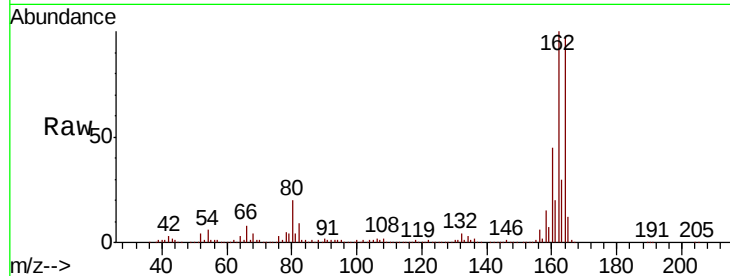




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

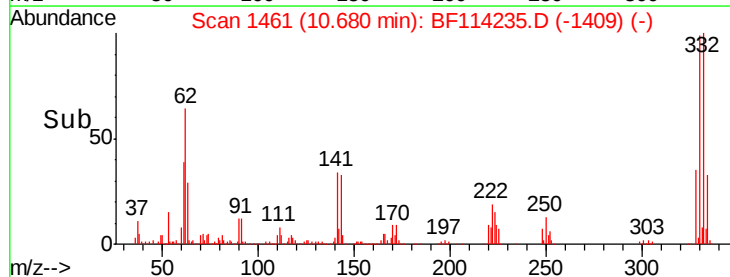
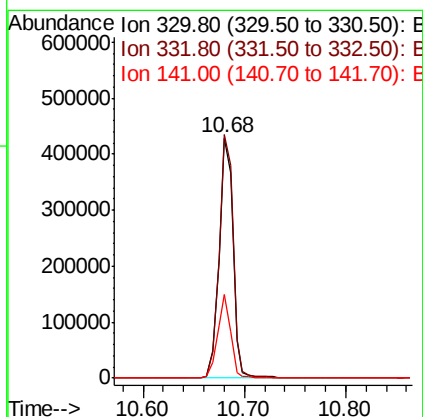
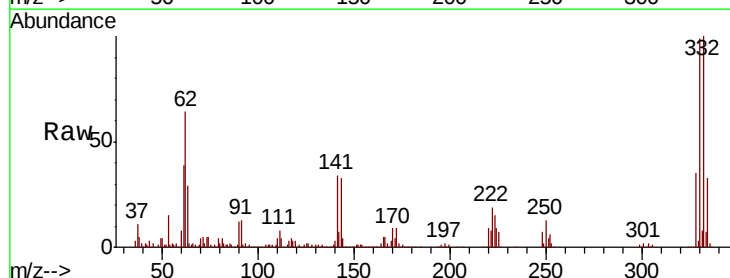
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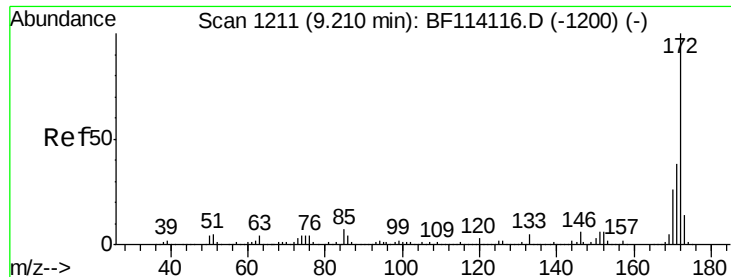
Tgt Ion:164 Resp: 477178
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.6 120.8
 160 46.1 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 83.279 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Tgt Ion:330 Resp: 410833
 Ion Ratio Lower Upper
 330 100
 332 101.8 81.4 122.2
 141 32.3 26.6 40.0

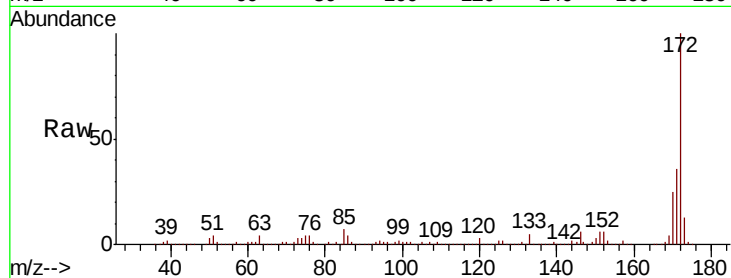




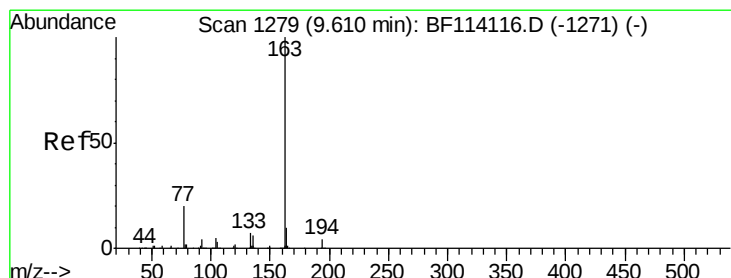
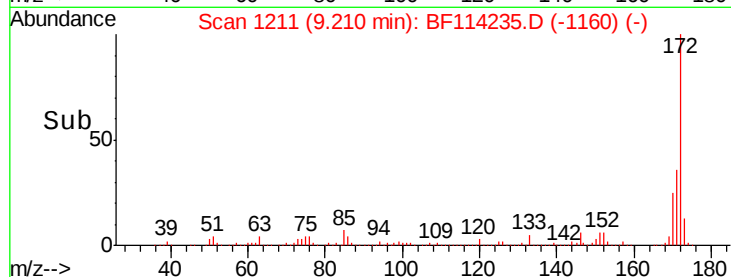
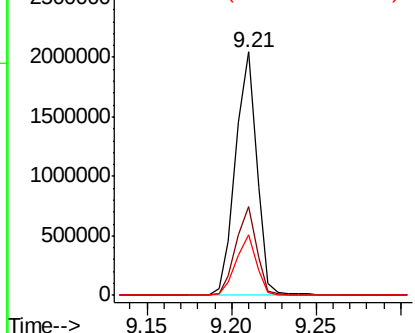
#45
 2-Fluorobiphenyl
 Concen: 57.231 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0002-01

Tgt Ion:172 Resp: 1805391
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.7 46.1
 170 24.7 20.5 30.7

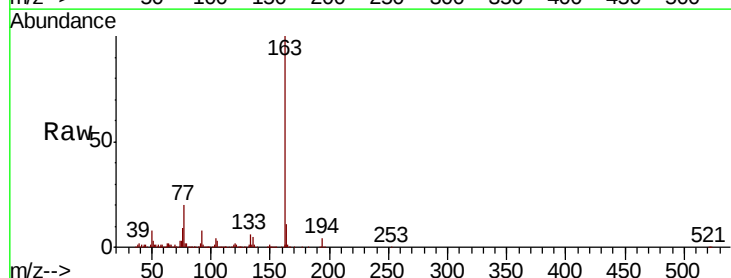


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

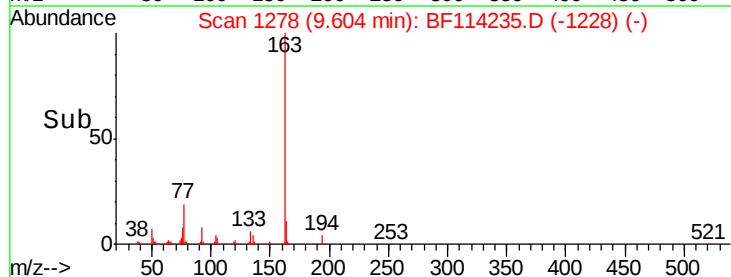
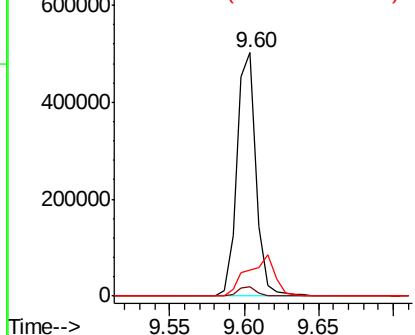


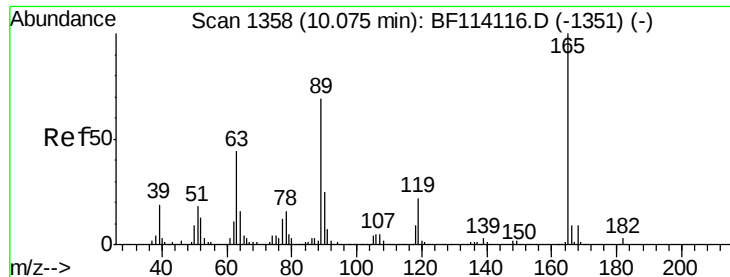
#50
 Dimethylphthalate
 Concen: 12.922 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Tgt Ion:163 Resp: 452644
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 10.9 8.2 12.2



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: 6.071 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.18 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0002-01

Tgt Ion:165 Resp: 64022

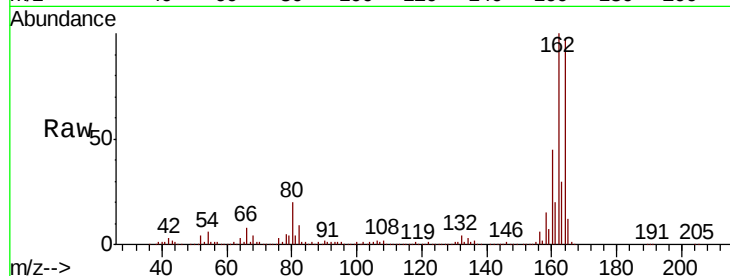
Ion Ratio Lower Upper

165 100

63 2.1 35.5 53.3#

89 1.6 55.2 82.8#

182 0.0 2.2 3.2#

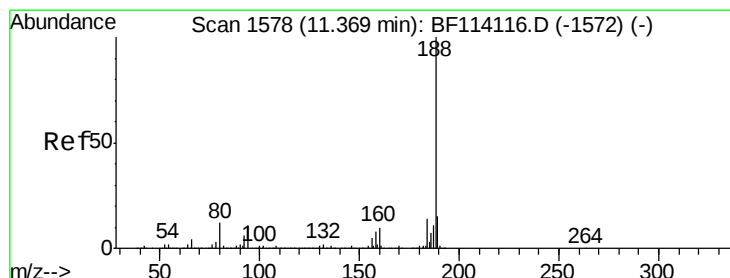
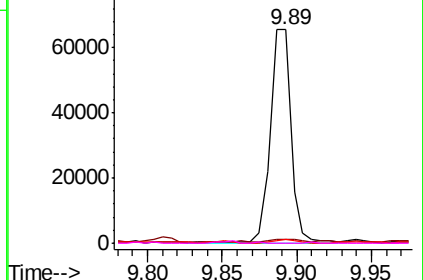
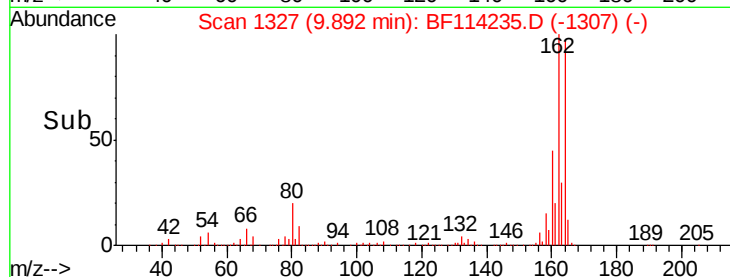


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

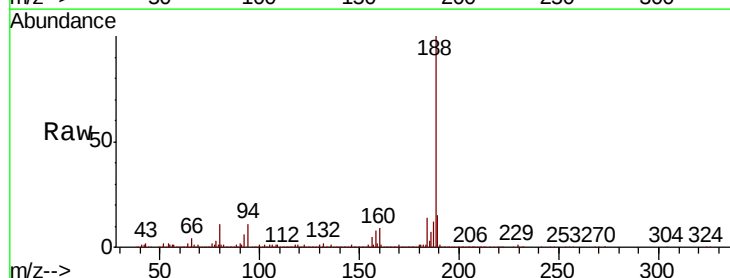
Tgt Ion:188 Resp: 889793

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

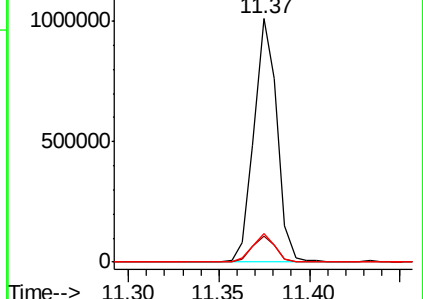
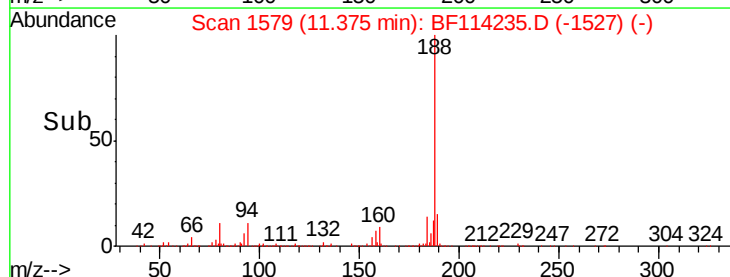
80 11.5 9.2 13.8

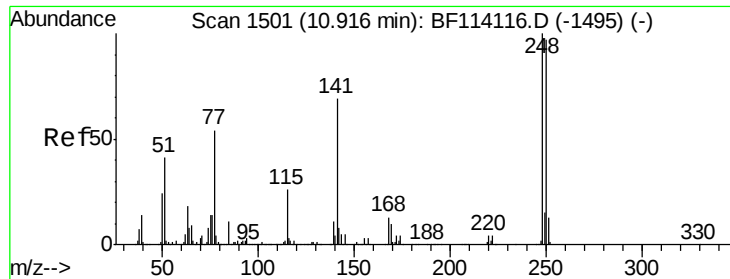


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

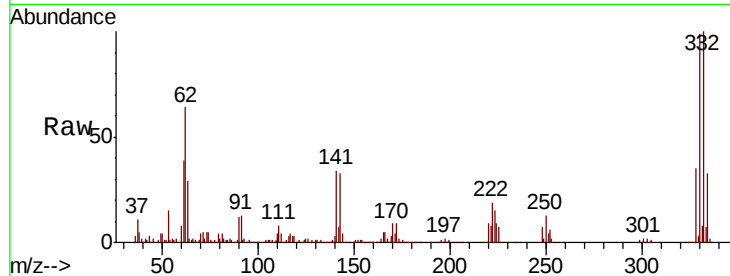




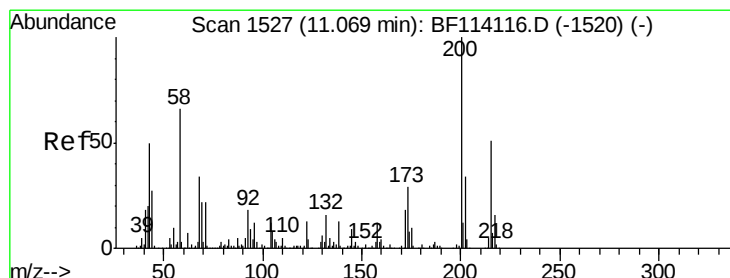
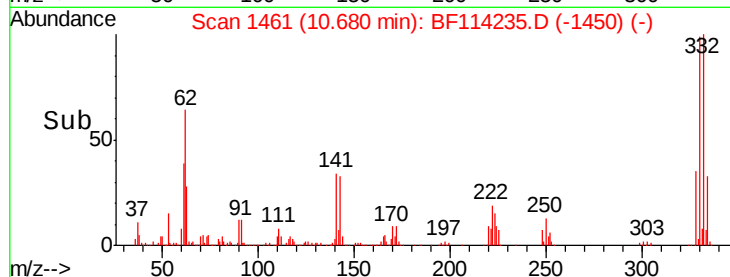
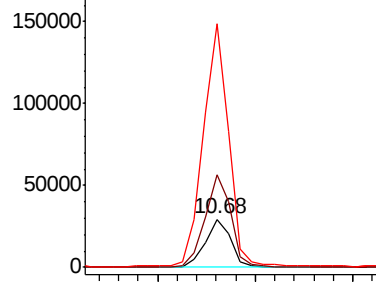
#67
4-Bromophenyl-phenylether
Concen: 2.694 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0002-01

Tgt Ion:248 Resp: 26395
Ion Ratio Lower Upper
248 100
250 194.1 77.4 116.2#
141 508.9 55.6 83.4#

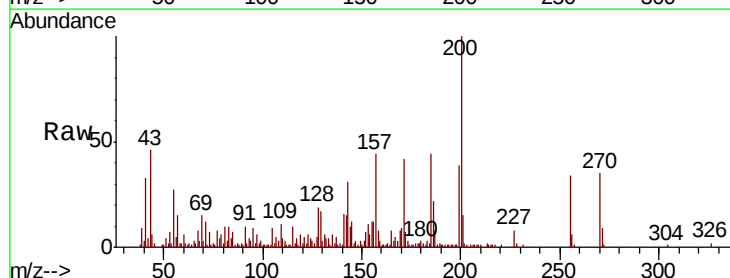


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

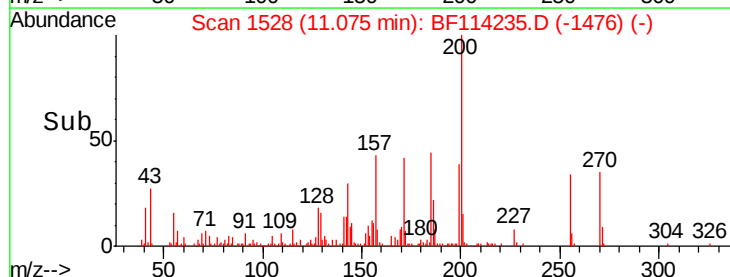
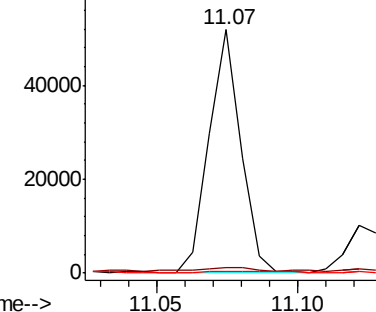


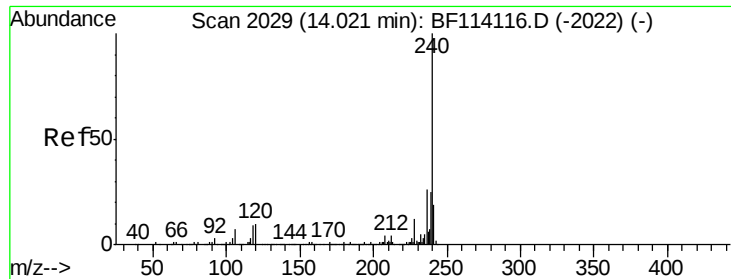
#69
Atrazine
Concen: 4.829 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Tgt Ion:200 Resp: 40583
Ion Ratio Lower Upper
200 100
173 2.5 8.9 48.9#
215 0.9 30.7 70.7#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

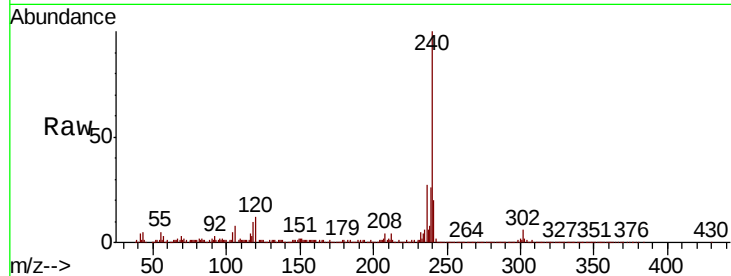




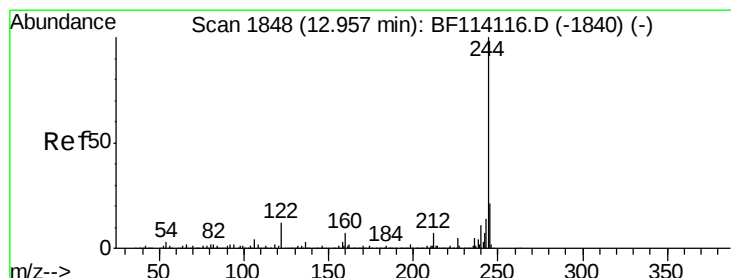
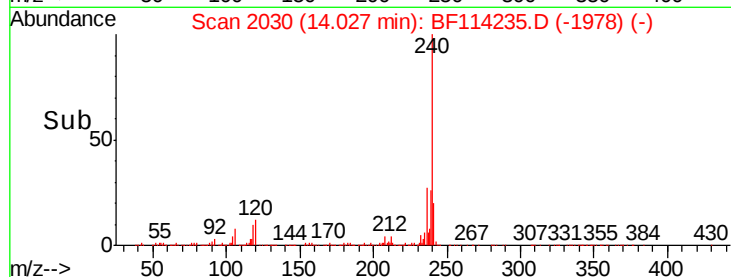
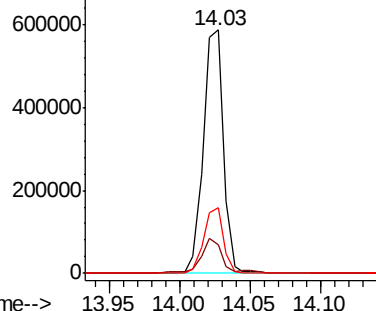
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0002-01

Tgt Ion:240 Resp: 579406
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 26.9 20.8 31.2

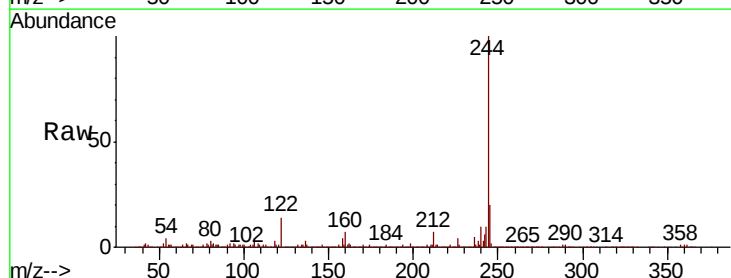


Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

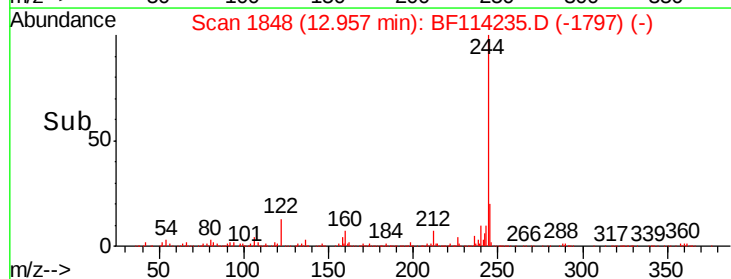
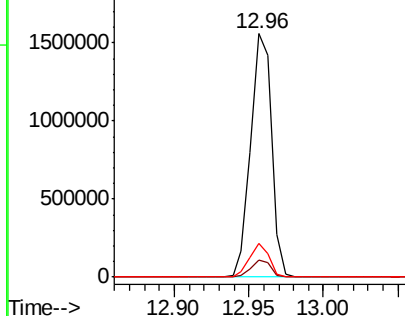


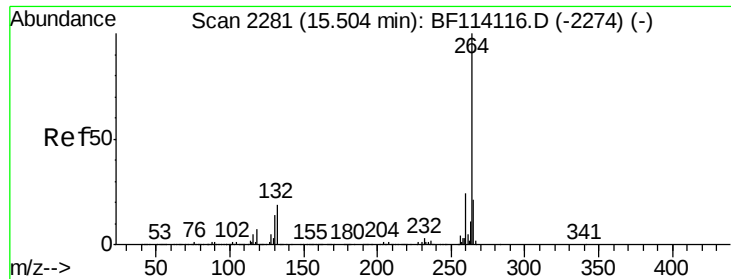
#79
Terphenyl-d14
Concen: 53.577 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Tgt Ion:244 Resp: 1505875
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 13.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 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: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0002-01

Tgt Ion: 264 Resp: 564049
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.0
265 21.8 16.9 25.3

