

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114209.D
 Acq On : 12 May 2019 22:34
 Operator : JU/SJ
 Sample : K2767-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-1218-01

Quant Time: May 13 07:49:39 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

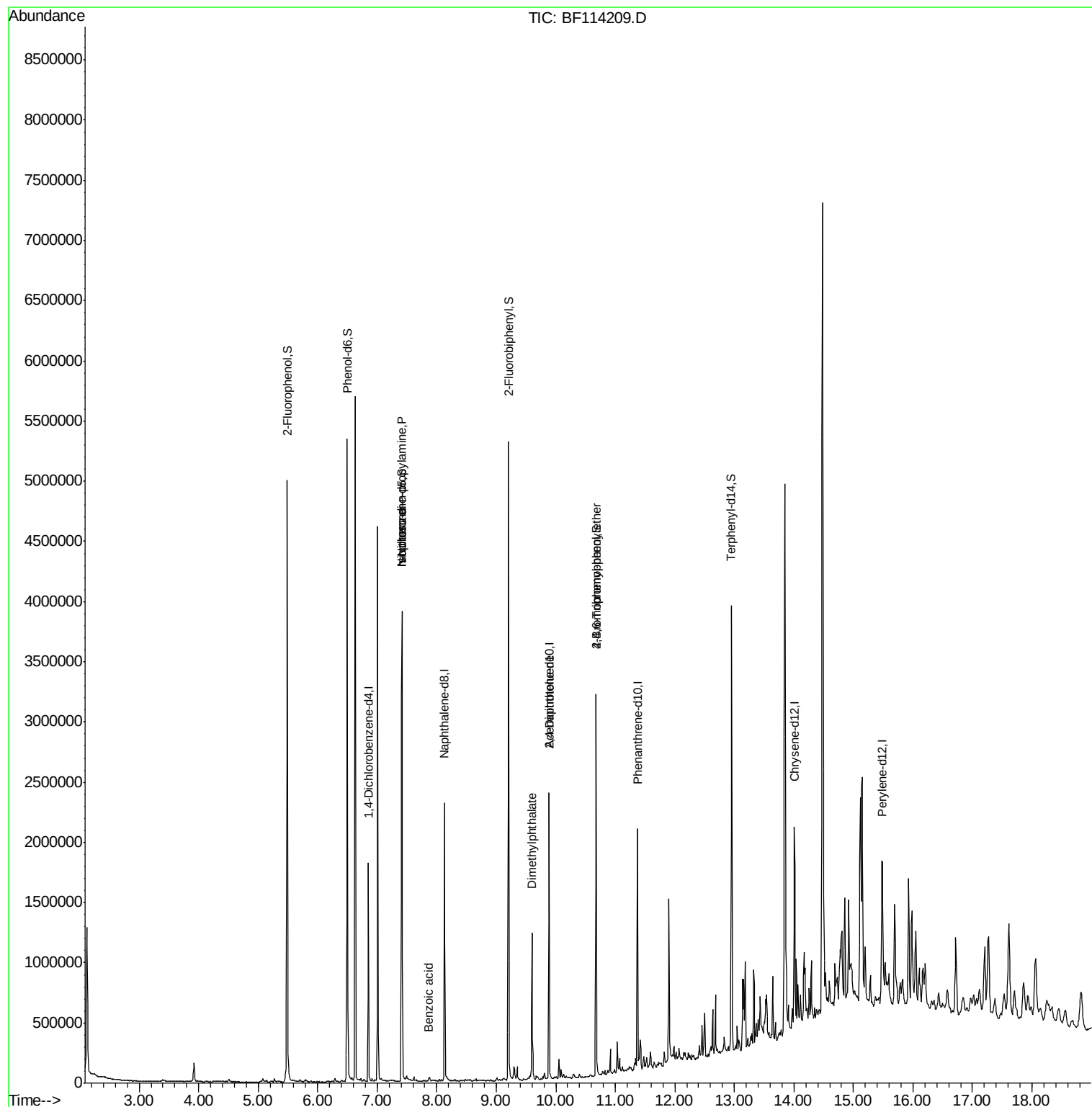
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256195	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	952654	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	431769	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	749296	20.00	ng	0.00
76) Chrysene-d12	14.01	240	542244	20.00	ng	-0.01
87) Perylene-d12	15.48	264	497595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1477752	92.82	ng	0.01
7) Phenol-d6	6.50	99	1919694	101.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	1207697	71.14	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	368921	82.65	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1721232	60.30	ng	0.00
79) Terphenyl-d14	12.96	244	1358742	51.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	159276	13.346	ng	# 76
25) Isophorone	7.42	82	1205516	38.292	ng	# 64
32) Benzoic acid	7.87	122	3618	7.349	ng	92
50) Dimethylphthalate	9.60	163	436009	13.756	ng	99
57) 2,4-Dinitrotoluene	9.89	165	56146	5.884	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	23758	2.880	ng	# 1

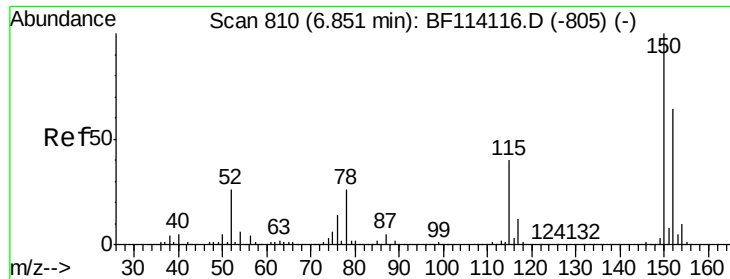
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

Instrument :

BNA_F

ClientSampleId :

P026-SS011-1218-01

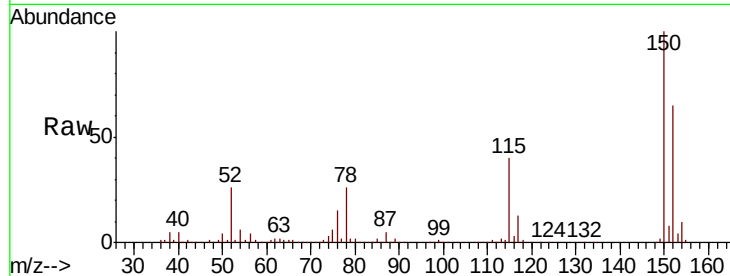
Tgt Ion:152 Resp: 256195

Ion Ratio Lower Upper

152 100

150 153.2 124.3 186.5

115 60.7 49.1 73.7

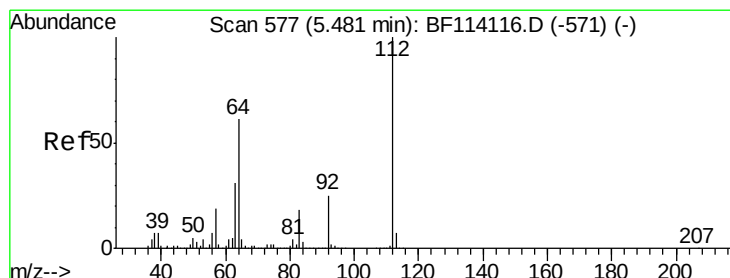
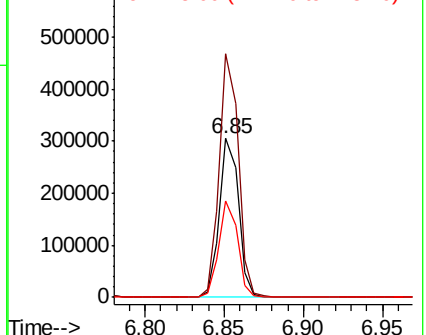
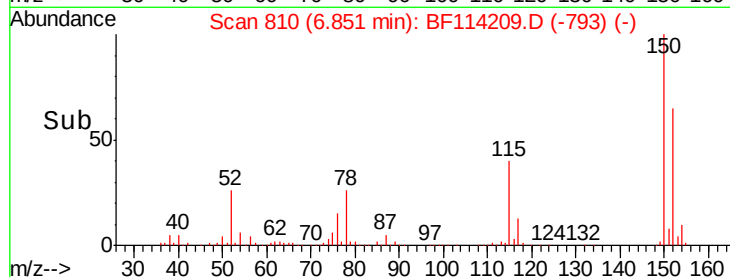


Abundance

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: 92.823 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

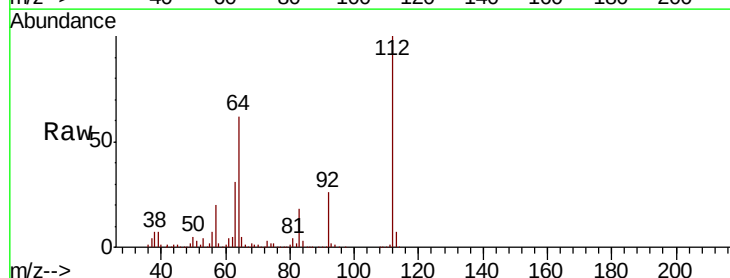
Tgt Ion:112 Resp: 1477752

Ion Ratio Lower Upper

112 100

64 62.0 49.0 73.6

63 30.8 24.6 37.0

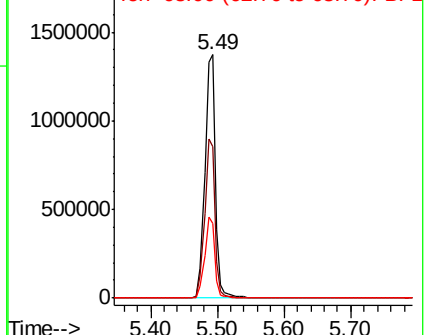
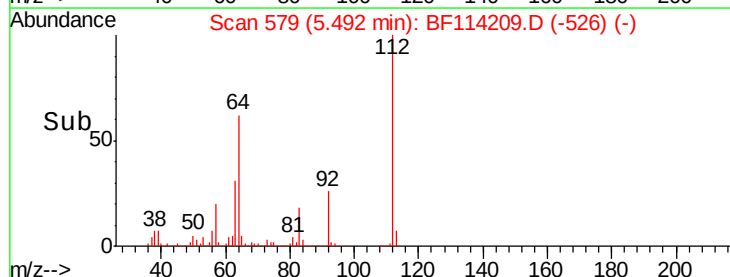


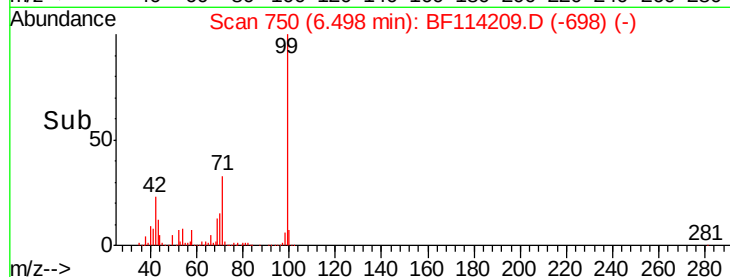
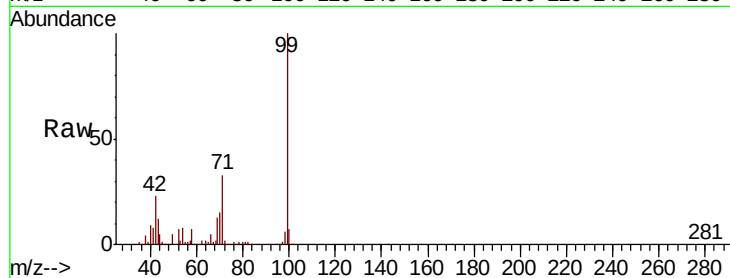
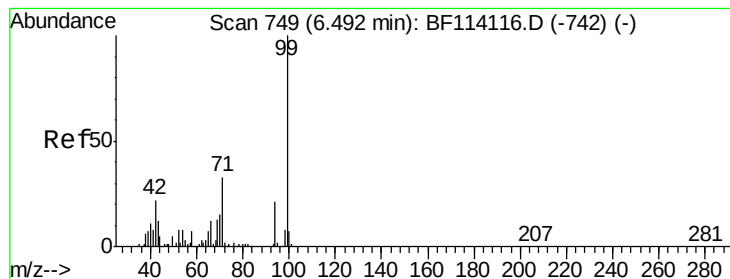
Abundance

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: 101.953 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

Instrument :

BNA_F

ClientSampleId :

P026-SS011-1218-01

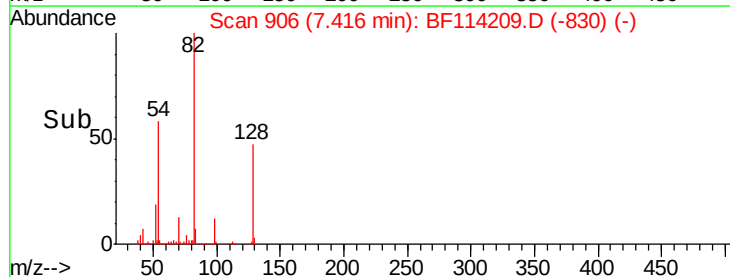
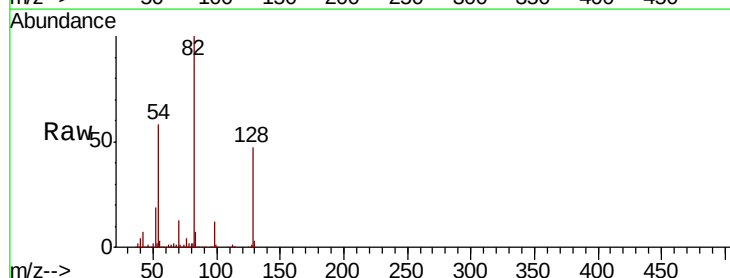
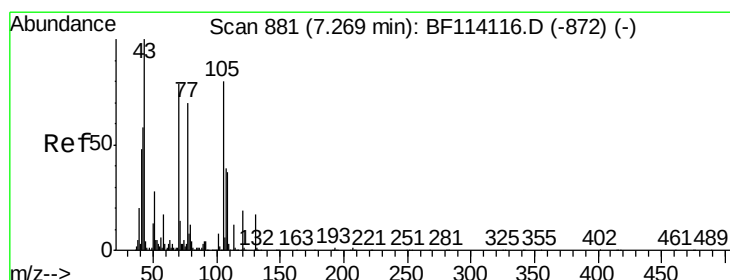
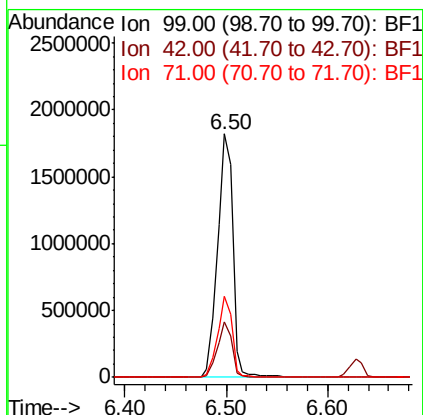
Tgt Ion: 99 Resp: 1919694

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 33.1 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.346 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

Tgt Ion: 70 Resp: 159276

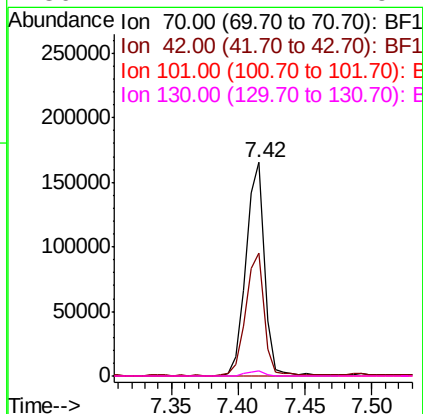
Ion Ratio Lower Upper

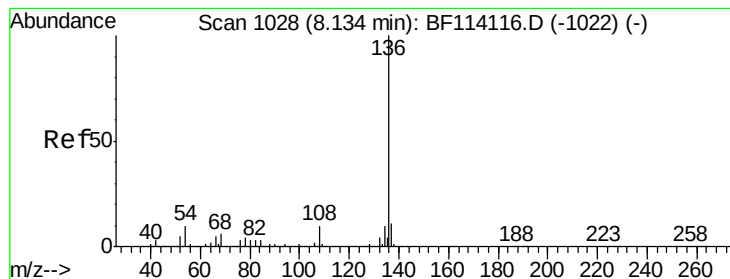
70 100

42 57.7 58.6 87.8#

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

Instrument :

BNA_F

ClientSampleId :

P026-SS011-1218-01

Tgt Ion: 136 Resp: 952654

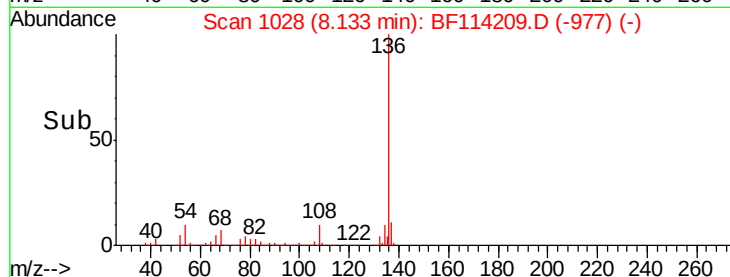
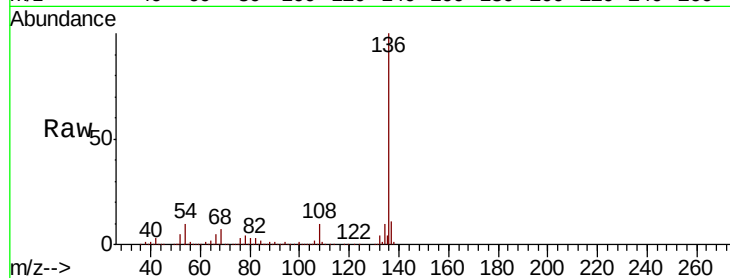
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.5 7.8 11.8

68 6.7 5.1 7.7

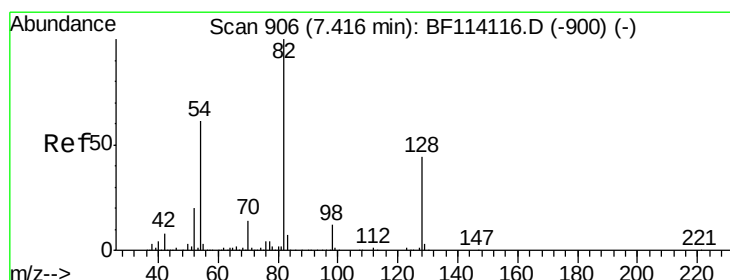
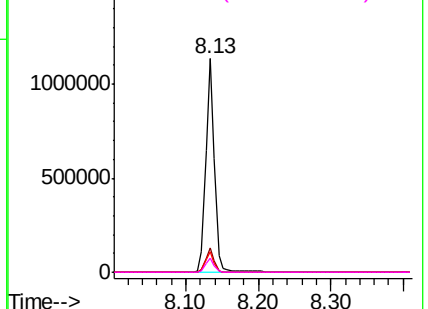


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.144 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

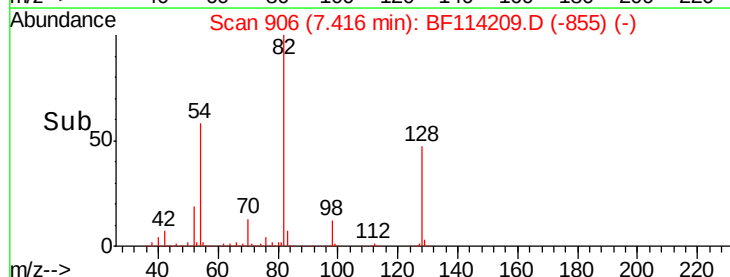
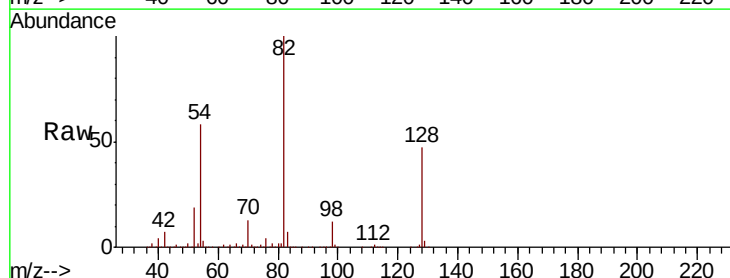
Tgt Ion: 82 Resp: 1207697

Ion Ratio Lower Upper

82 100

128 46.6 35.5 53.3

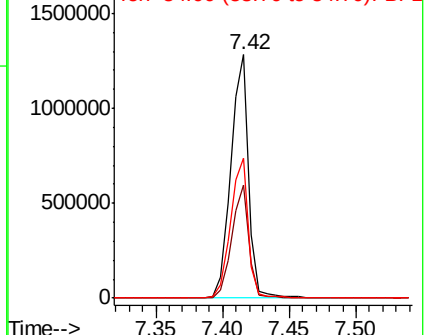
54 57.7 48.5 72.7

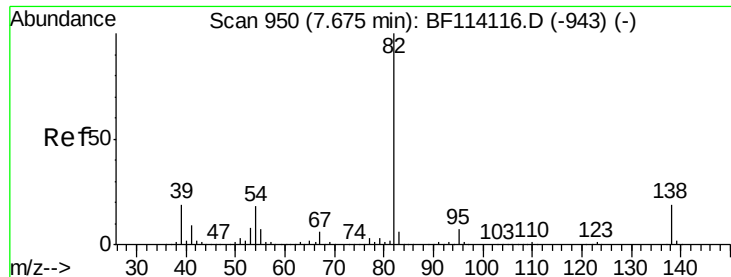


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.292 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

Instrument :

BNA_F

ClientSampleId :

P026-SS011-1218-01

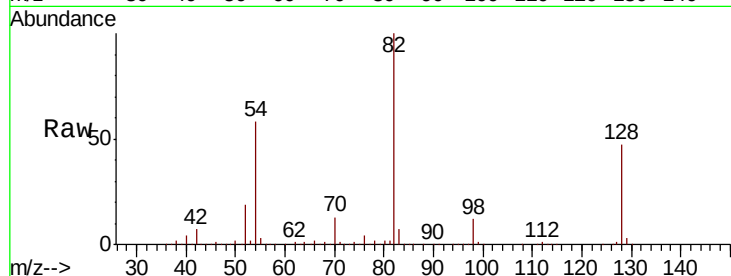
Tgt Ion: 82 Resp: 1205516

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

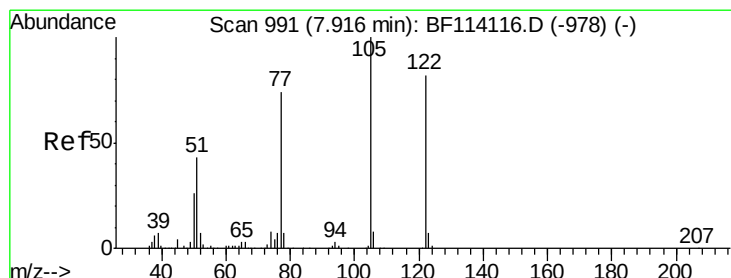
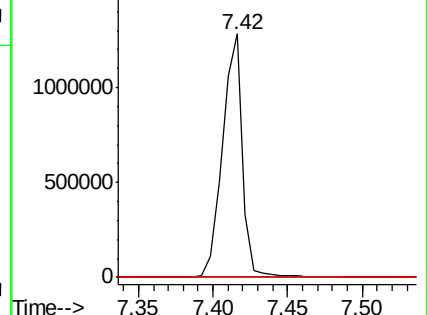
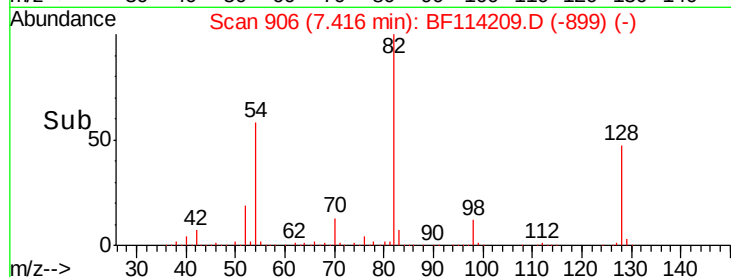
138 0.0 14.8 22.2#



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: 7.349 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

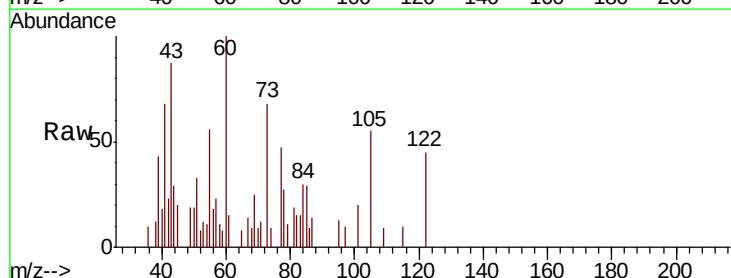
Tgt Ion: 122 Resp: 3618

Ion Ratio Lower Upper

122 100

105 121.5 99.9 139.9

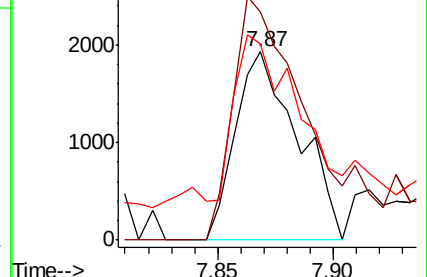
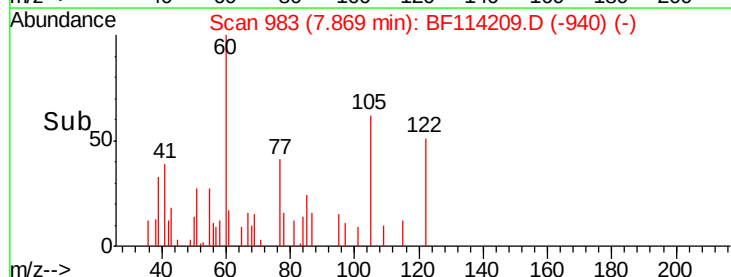
77 104.1 69.4 109.4

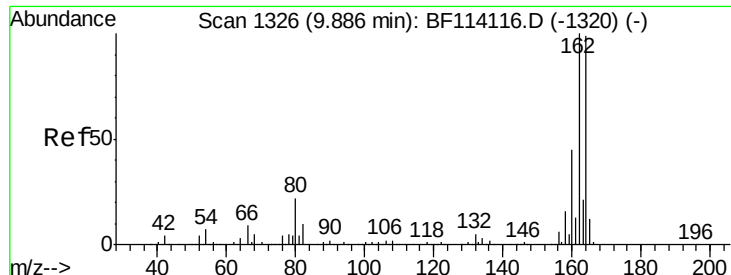


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

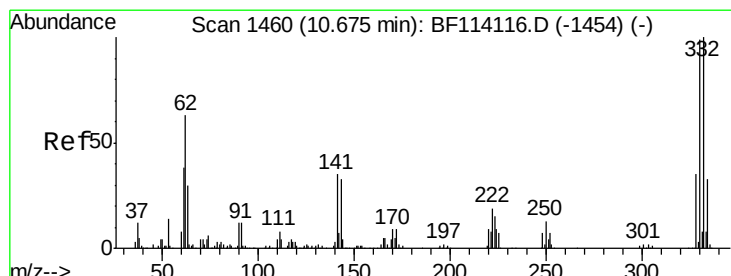
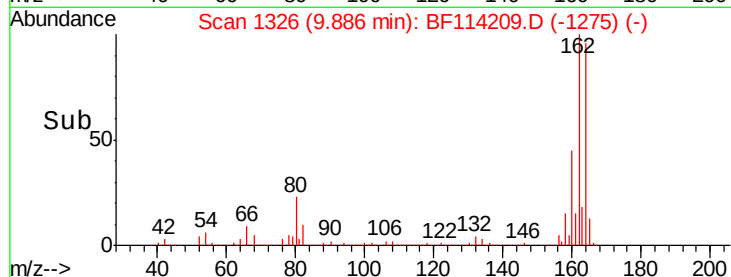
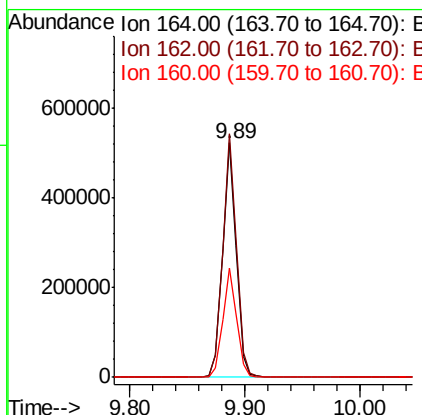
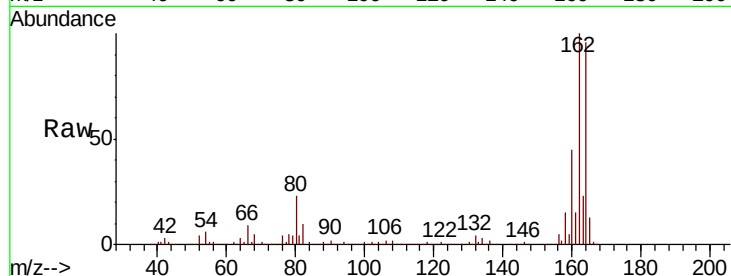




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114209.D
 Acq: 12 May 2019 22:34

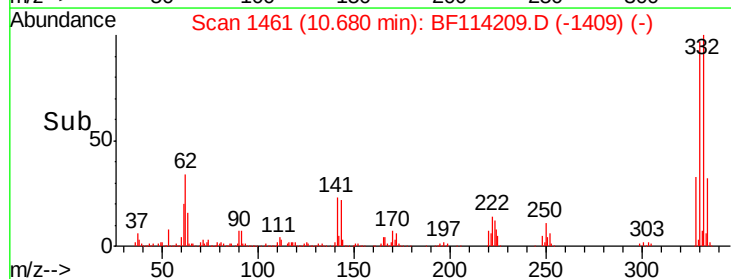
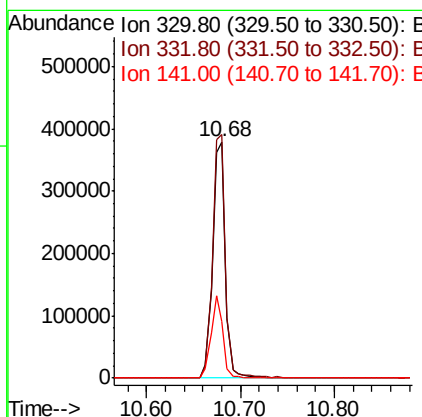
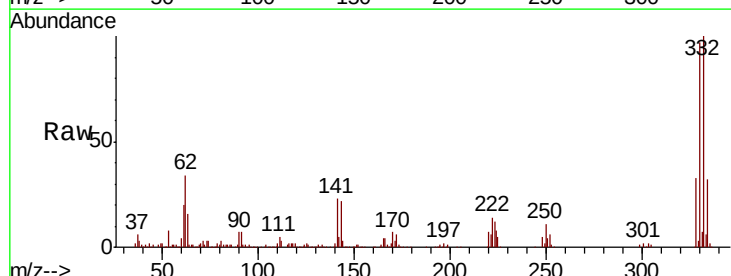
Instrument :
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 P026-SS011-1218-01

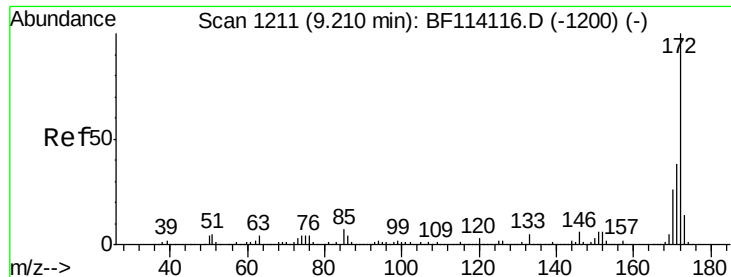
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	46.4	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 82.648 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114209.D
 Acq: 12 May 2019 22:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	32.6	26.6	40.0

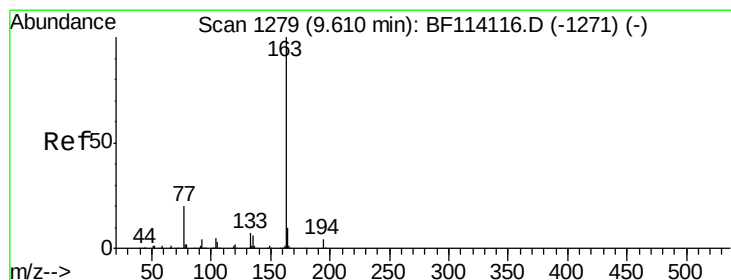
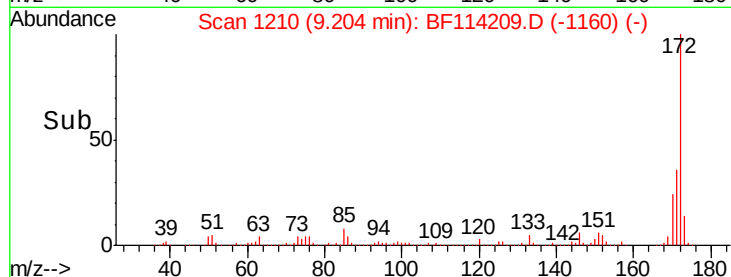
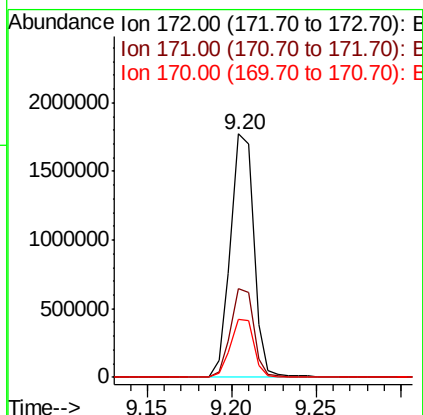
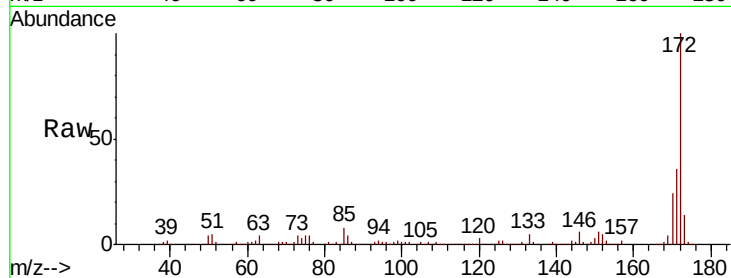




#45
 2-Fluorobiphenyl
 Concen: 60.302 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114209.D
 Acq: 12 May 2019 22:34

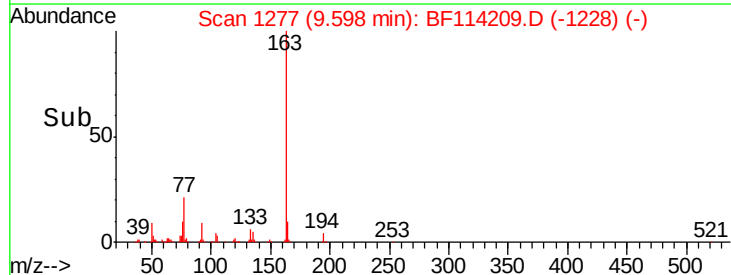
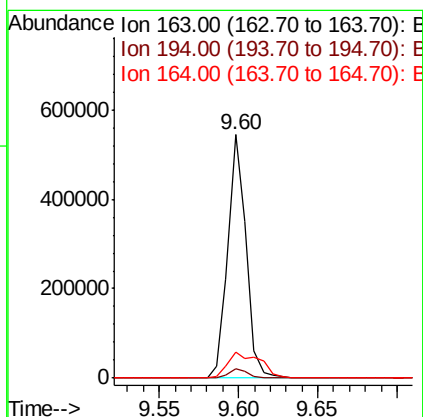
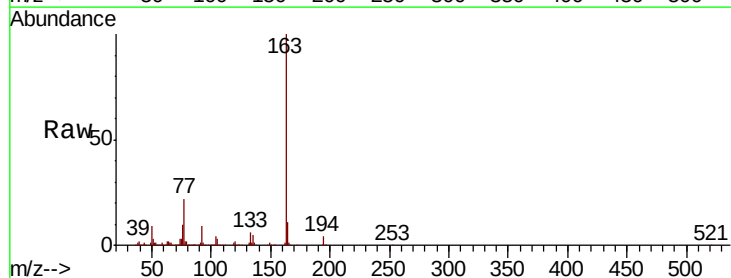
Instrument :
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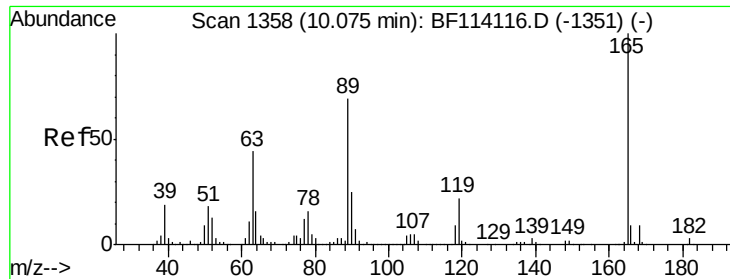
Tgt Ion:172 Resp: 1721232
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.7 46.1
 170 23.9 20.5 30.7



#50
 Dimethylphthalate
 Concen: 13.756 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114209.D
 Acq: 12 May 2019 22:34

Tgt Ion:163 Resp: 436009
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 10.5 8.2 12.2

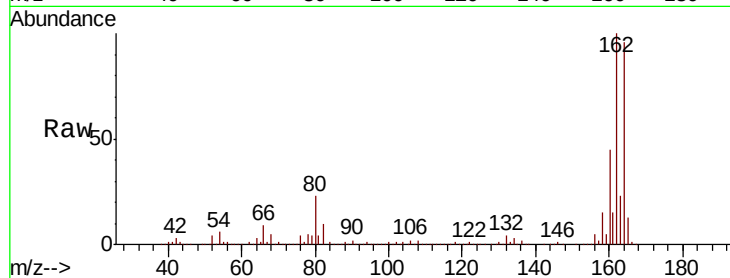




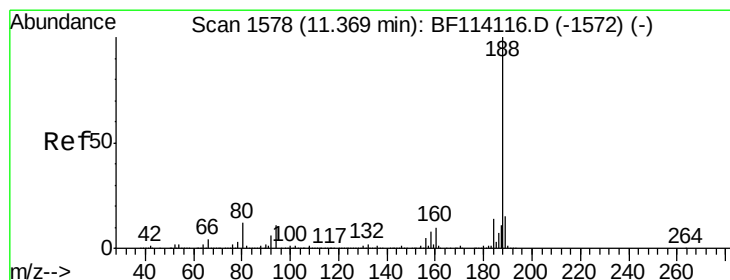
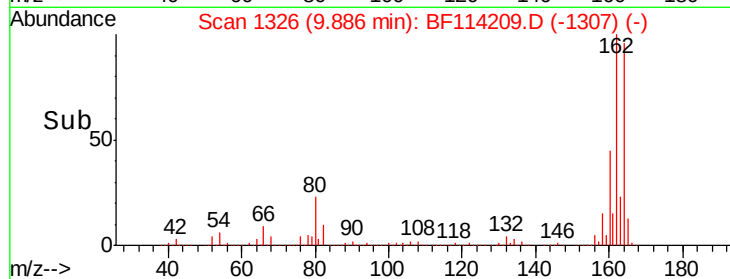
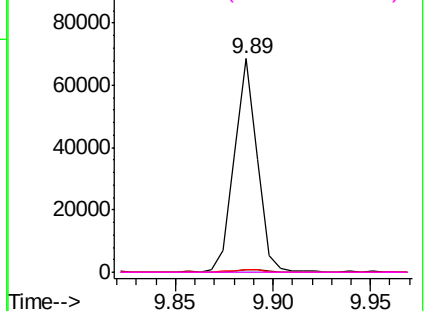
#57
 2,4-Dinitrotoluene
 Concen: 5.884 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114209.D
 Acq: 12 May 2019 22:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-1218-01

Tgt Ion:	165	Resp:	56146
Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

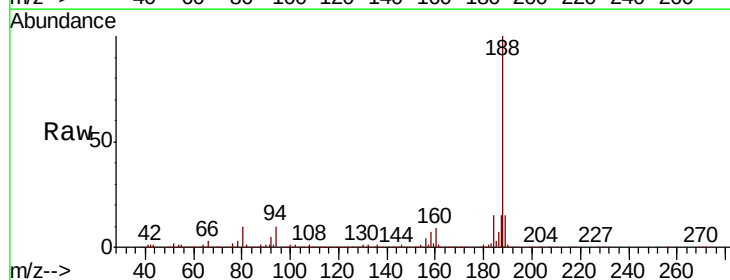


Abundance Ion 165.00 (164.70 to 165.70): E

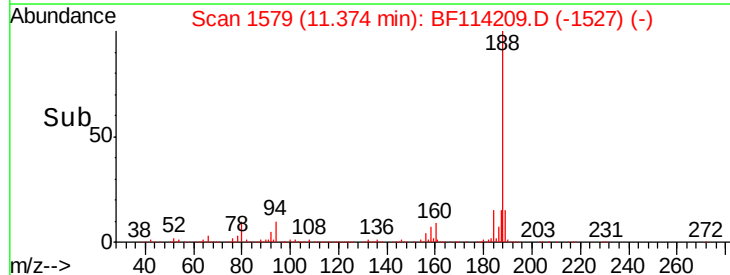
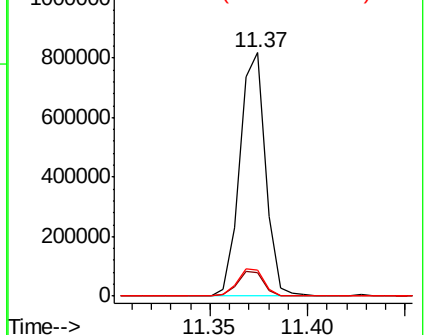


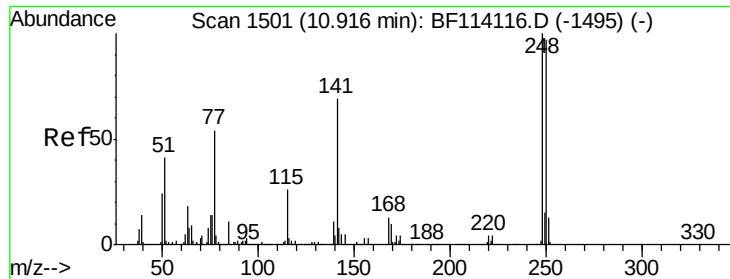
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF114209.D
 Acq: 12 May 2019 22:34

Tgt Ion:	188	Resp:	749296
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	10.5	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

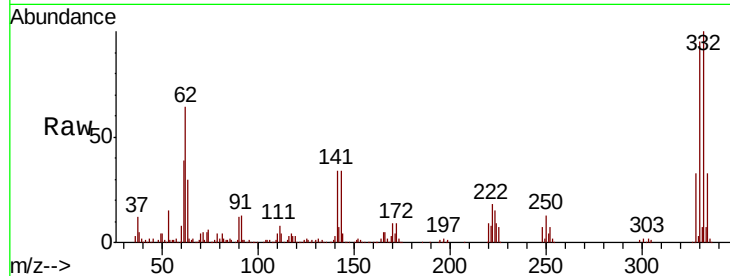




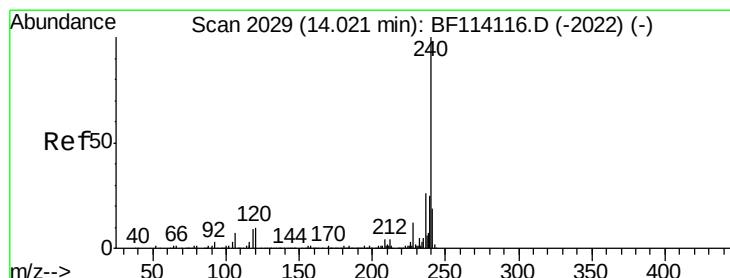
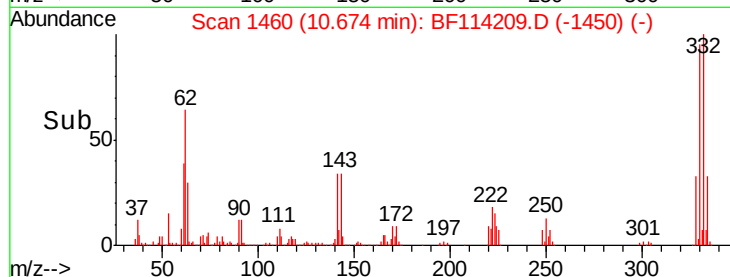
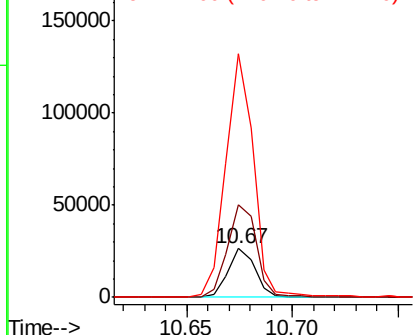
#67
4-Bromophenyl-phenylether
Concen: 2.880 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114209.D
Acq: 12 May 2019 22:34

Instrument :
BNA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion:248 Resp: 23758
Ion Ratio Lower Upper
248 100
250 190.1 77.4 116.2#
141 497.9 55.6 83.4#

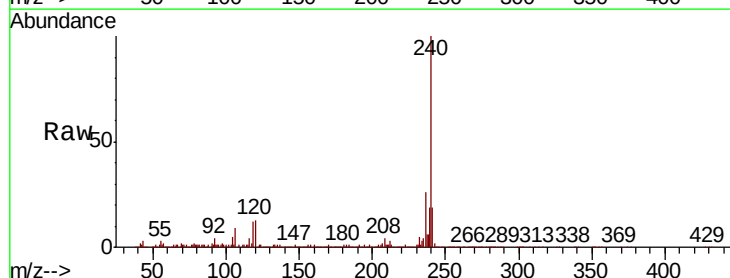


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

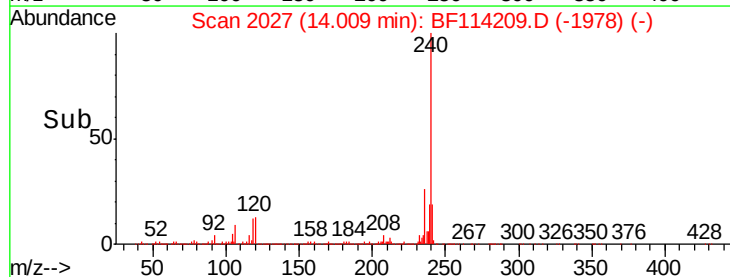
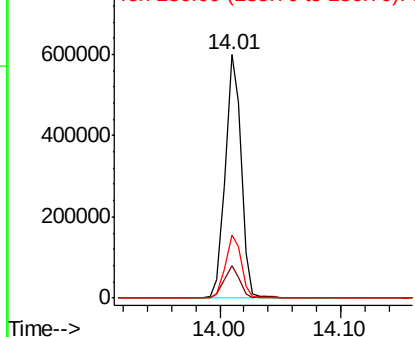


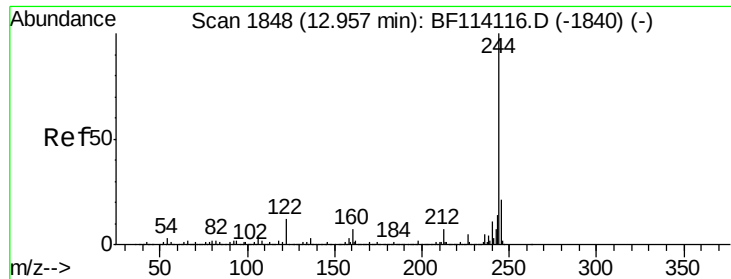
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114209.D
Acq: 12 May 2019 22:34

Tgt Ion:240 Resp: 542244
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.9 20.8 31.2



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: 51.655 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

Instrument :

BNA_F

ClientSampleId :

P026-SS011-1218-01

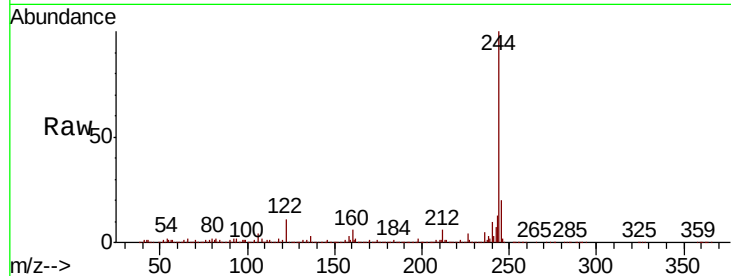
Tgt Ion:244 Resp: 1358742

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

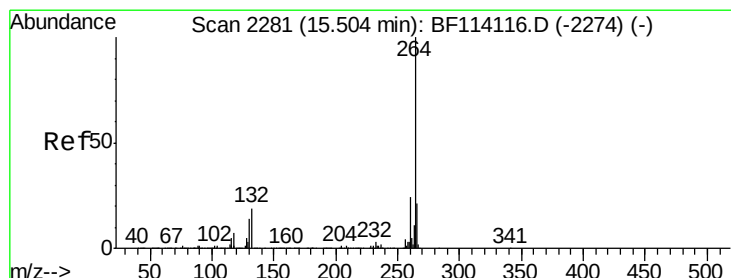
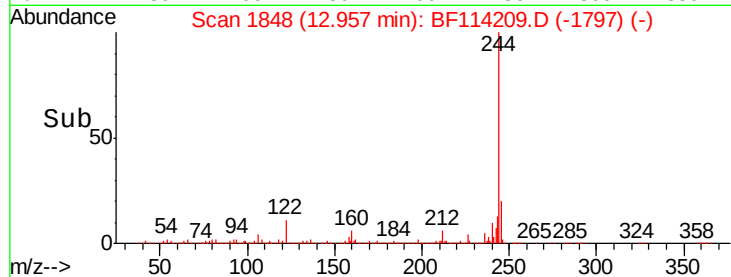
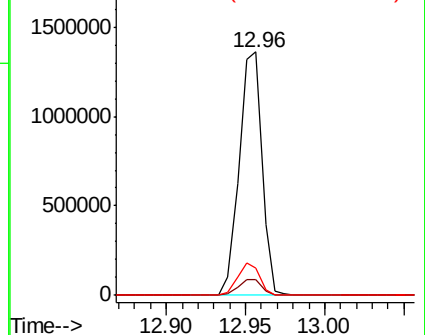
122 11.1 9.4 14.2



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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114209.D

Acq: 12 May 2019 22:34

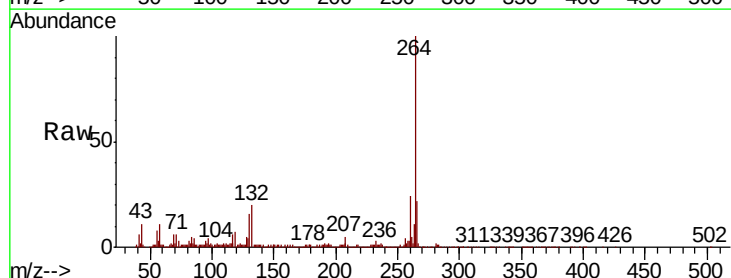
Tgt Ion:264 Resp: 497595

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.9 16.9 25.3



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

