

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114240.D
 Acq On : 13 May 2019 20:11
 Operator : JU/SJ
 Sample : K2822-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: May 14 04:49:34 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

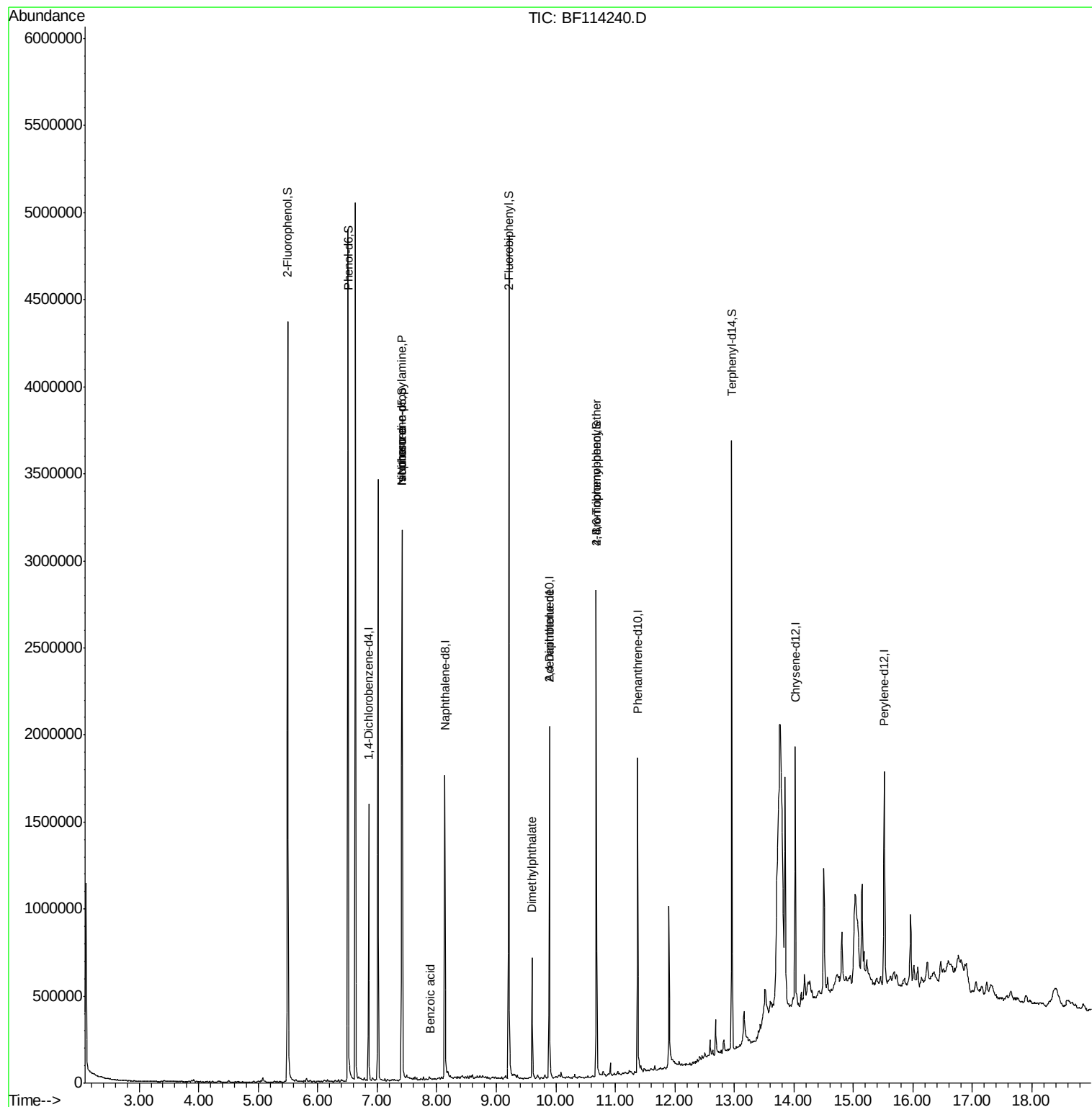
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	219187	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	829653	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	382535	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	712168	20.00	ng	0.01
76) Chrysene-d12	14.02	240	500862	20.00	ng	0.00
87) Perylene-d12	15.52	264	506662	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1287720	94.54	ng	0.02
7) Phenol-d6	6.51	99	1666286	103.44	ng	0.02
23) Nitrobenzene-d5	7.42	82	991194	67.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	359060	90.79	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1467899	58.05	ng	0.00
79) Terphenyl-d14	12.96	244	1236113	50.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	128220	12.557	ng	# 76
25) Isophorone	7.42	82	987053	36.001	ng	# 64
32) Benzoic acid	7.90	122	721	7.096	ng	# 51
50) Dimethylphthalate	9.60	163	277977	9.899	ng	# 98
57) 2,4-Dinitrotoluene	9.89	165	50756	6.004	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	22807	2.909	ng	# 1

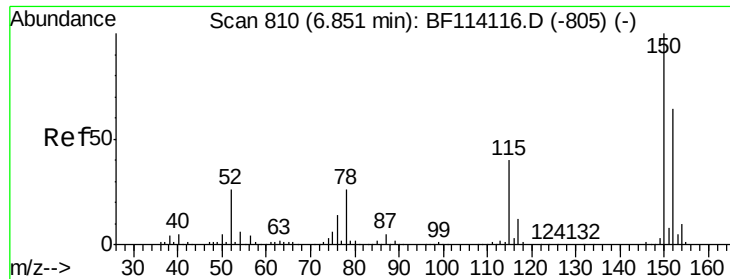
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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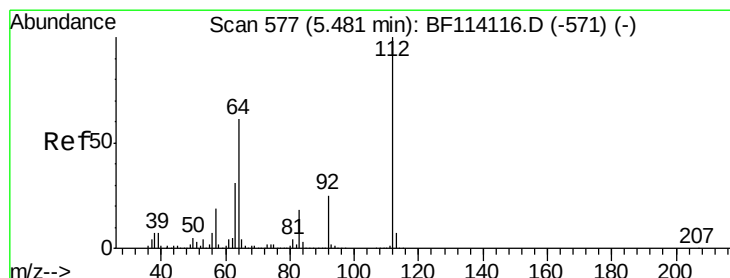
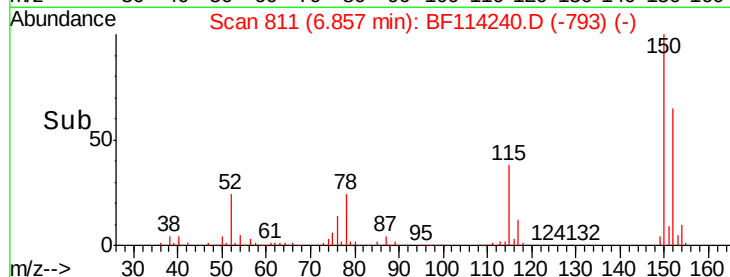
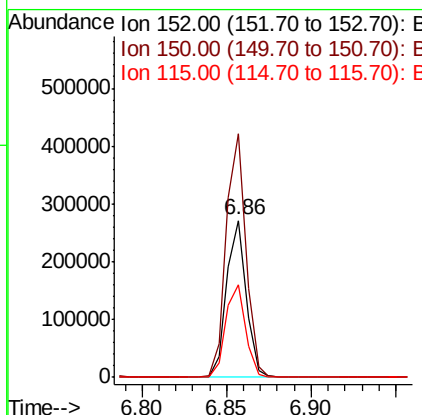
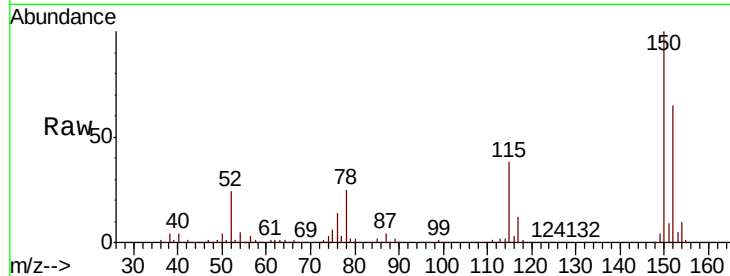


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Instrument :
BNA_F
ClientSampleId :
S-3

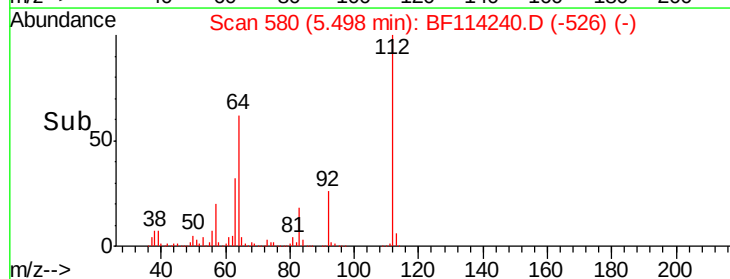
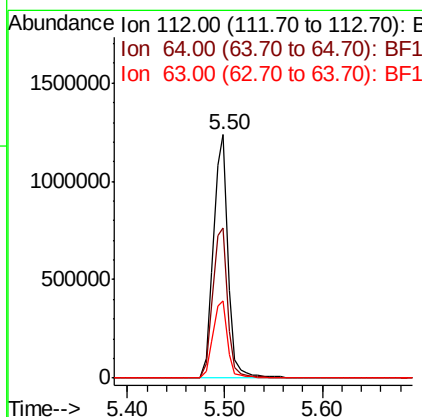
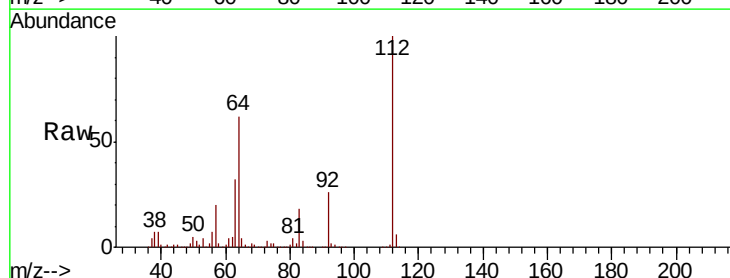
Tgt Ion:152 Resp: 219187
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 59.3 49.1 73.7

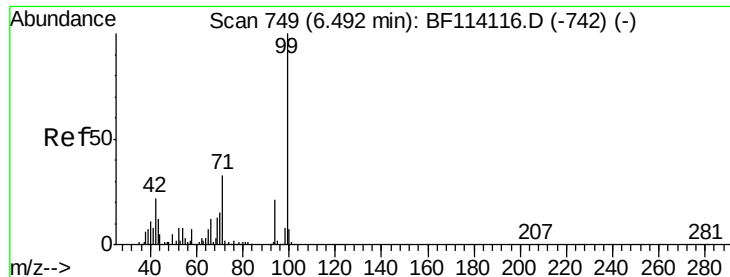


#5

2-Fluorophenol
Concen: 94.544 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion:112 Resp: 1287720
Ion Ratio Lower Upper
112 100
64 61.8 49.0 73.6
63 31.5 24.6 37.0





#7

Phenol-d6

Concen: 103.437 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

Instrument :

BNA_F

ClientSampleId :

S-3

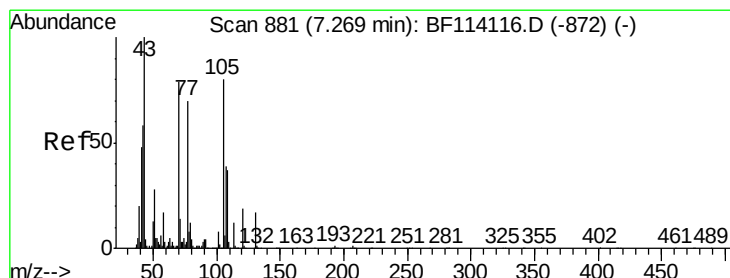
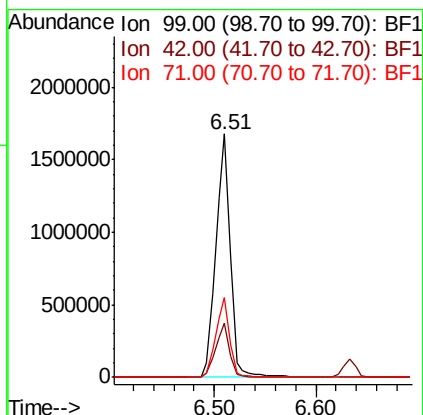
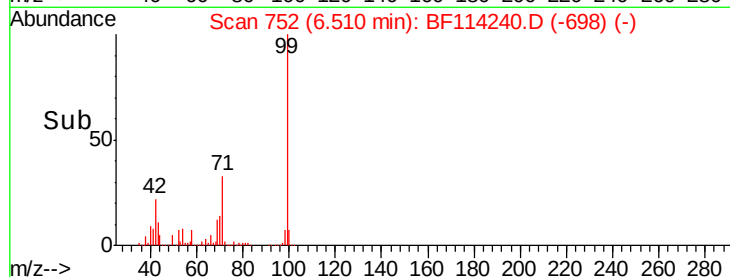
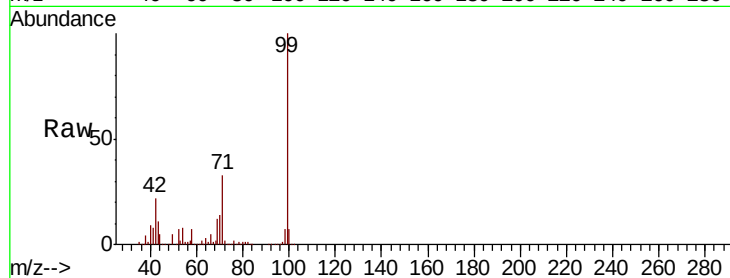
Tgt Ion: 99 Resp: 1666286

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 32.6 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.557 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

Tgt Ion: 70 Resp: 128220

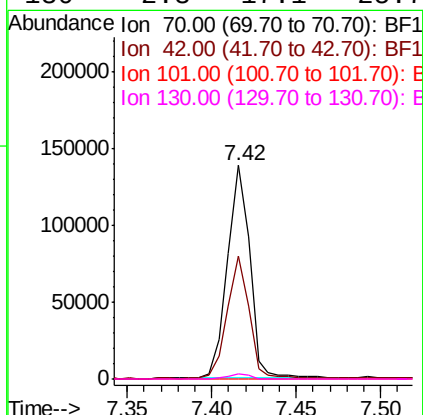
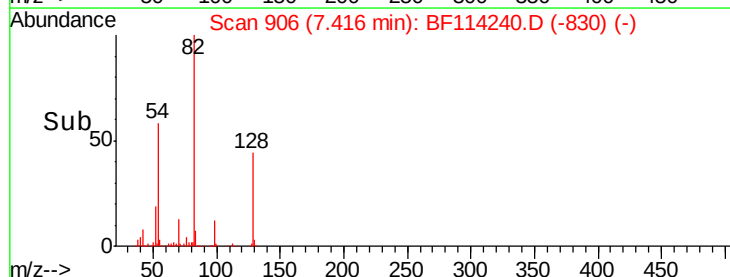
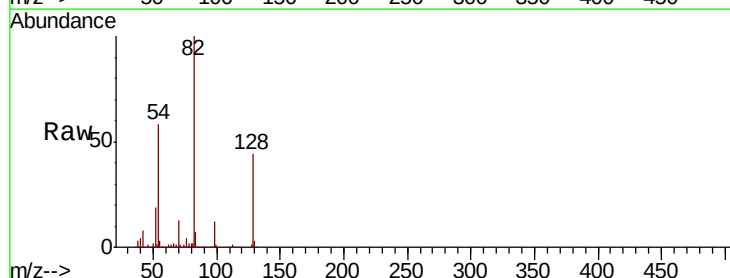
Ion Ratio Lower Upper

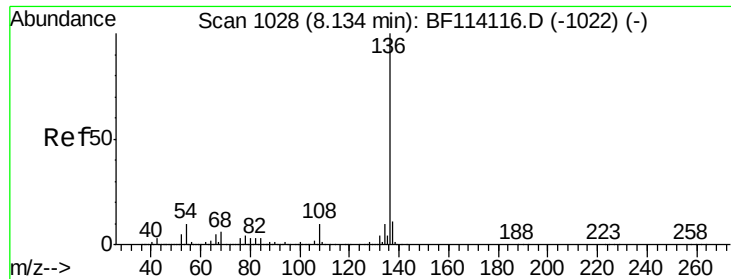
70 100

42 57.7 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

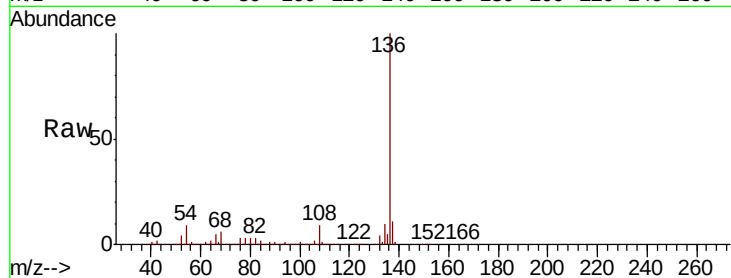




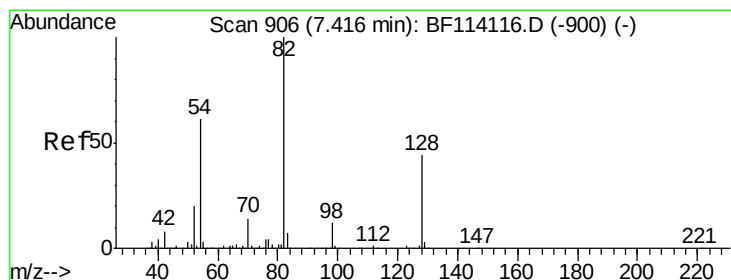
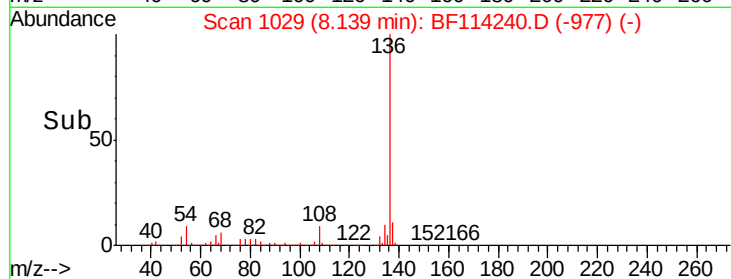
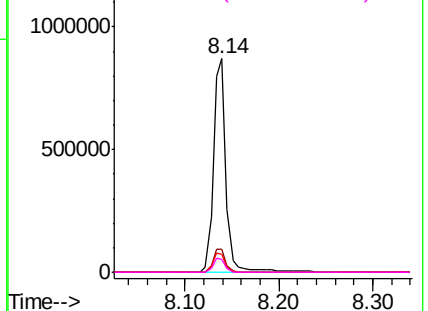
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Instrument :
BNA_F
ClientSampleId :
S-3

Tgt Ion:	136	Resp:	829653
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	7.8	11.8
68	6.3	5.1	7.7

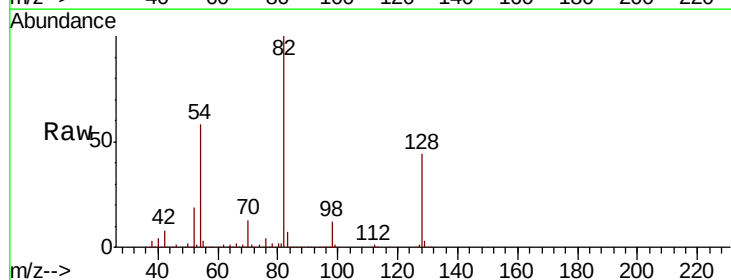


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

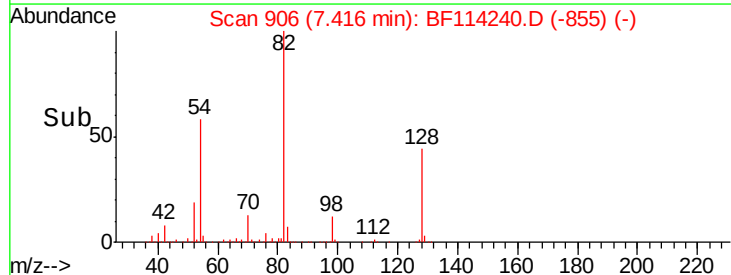
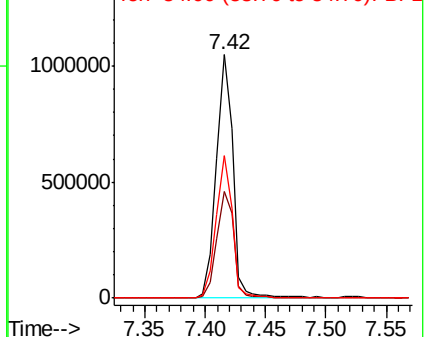


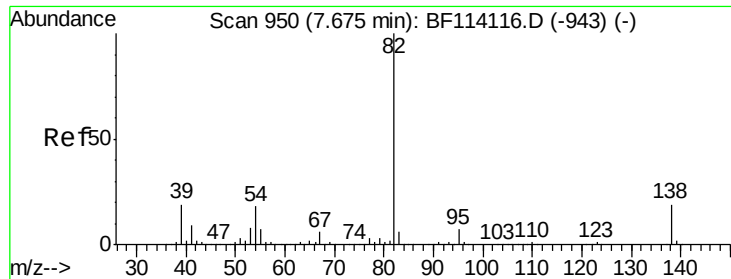
#23
Nitrobenzene-d5
Concen: 67.047 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion:	82	Resp:	991194
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.5	53.3
54	58.4	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: 36.001 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

Instrument :

BNA_F

ClientSampled :

S-3

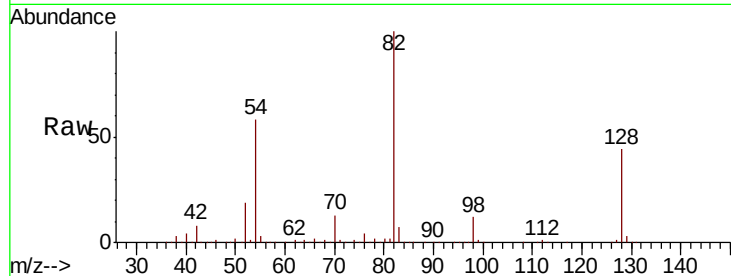
Tgt Ion: 82 Resp: 987053

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

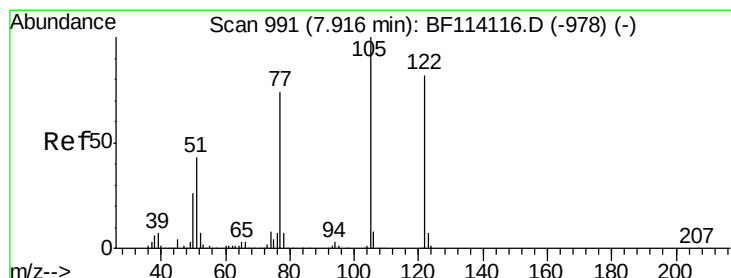
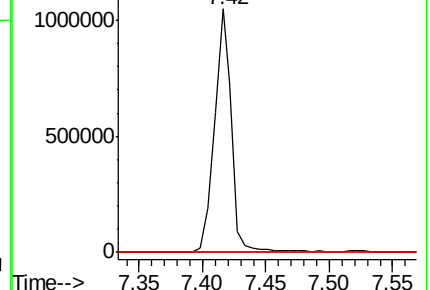
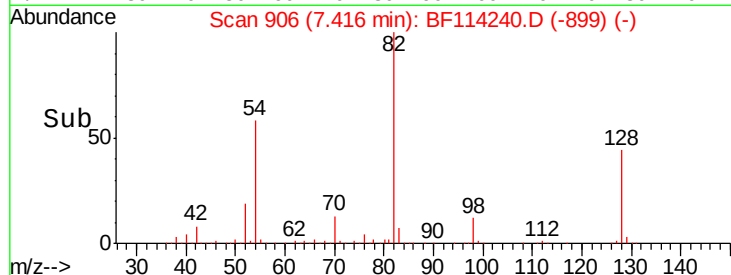
138 0.0 14.8 22.2#



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: 7.096 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

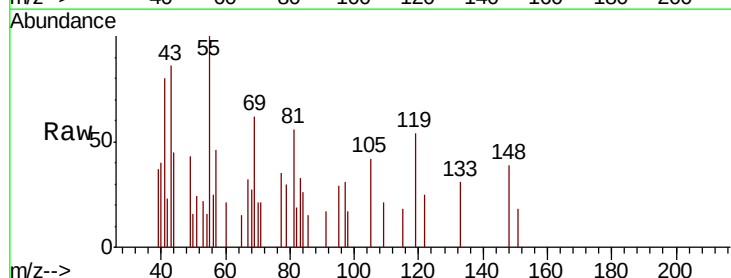
Tgt Ion: 122 Resp: 721

Ion Ratio Lower Upper

122 100

105 169.2 99.9 139.9#

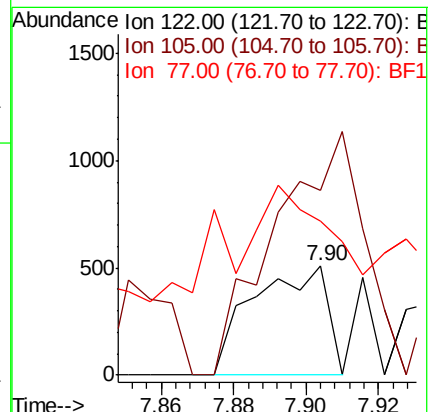
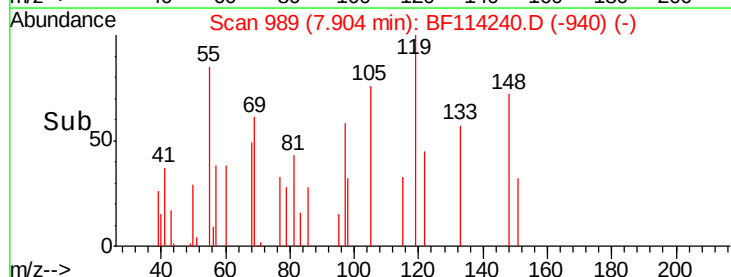
77 141.2 69.4 109.4#

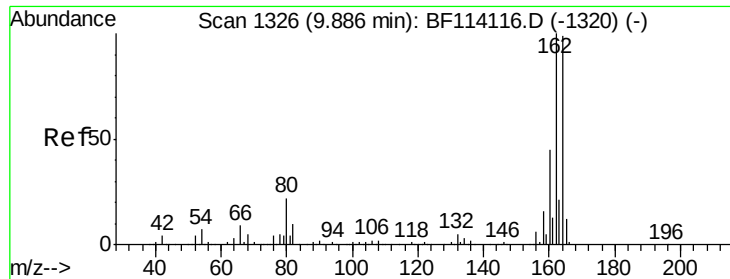


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

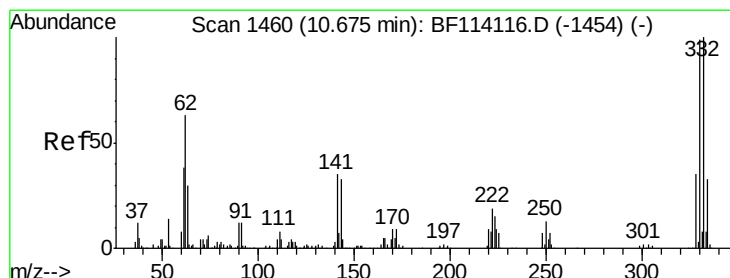
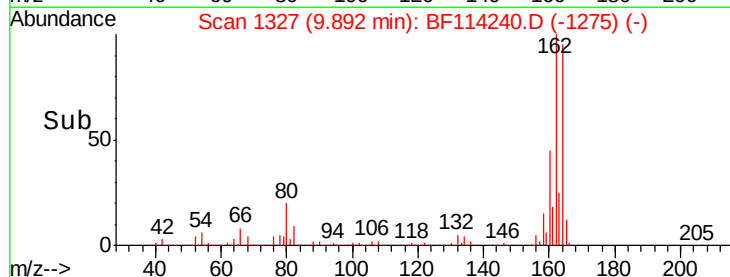
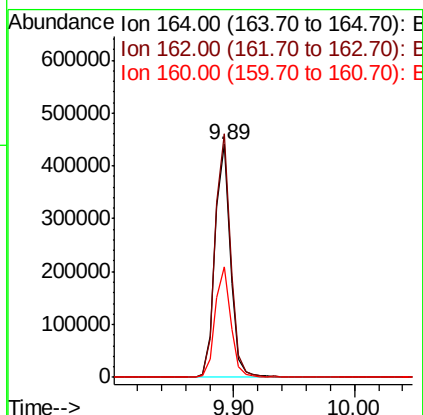
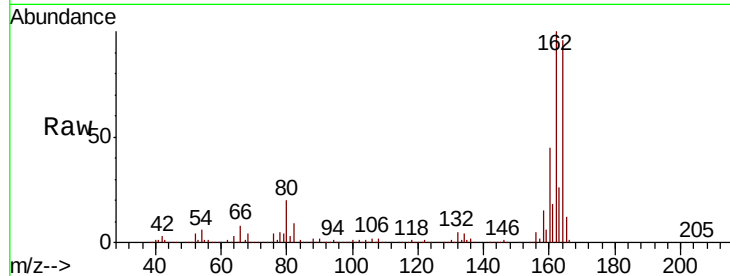




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

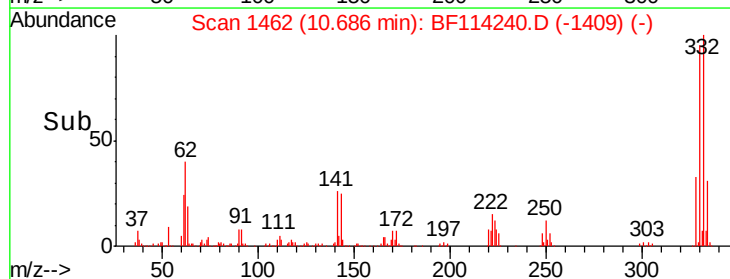
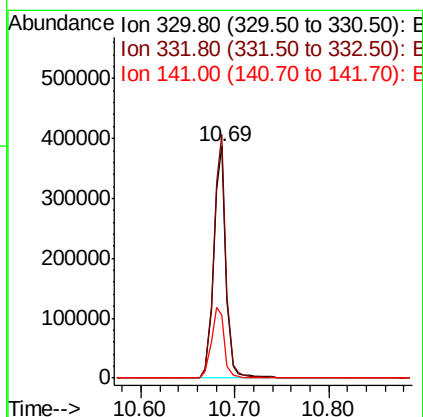
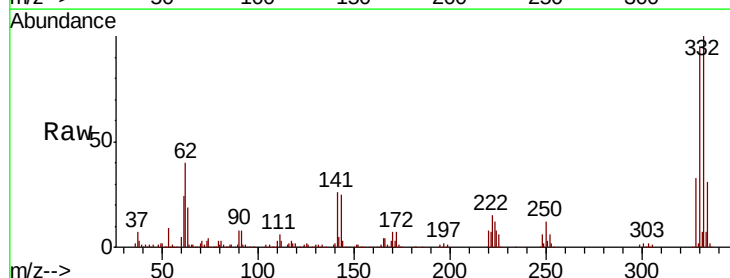
Instrument :
 BNA_F
 ClientSampleId :
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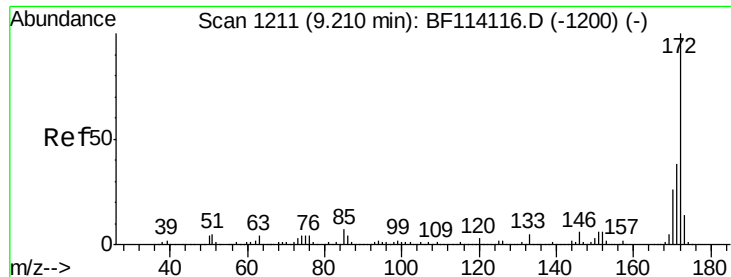
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	120.8
160	47.3	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 90.792 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.0	81.4	122.2
141	33.0	26.6	40.0

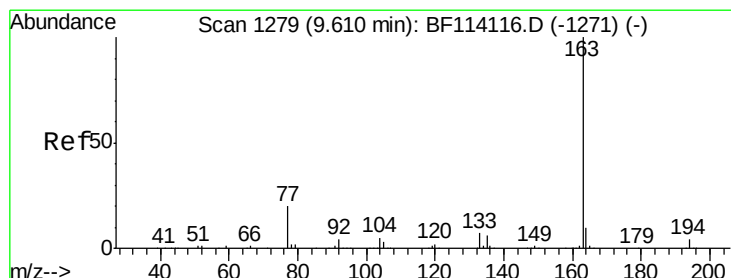
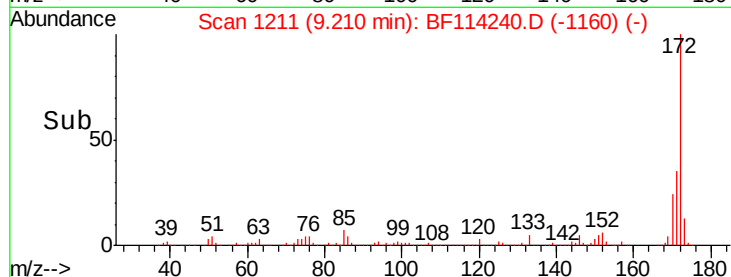
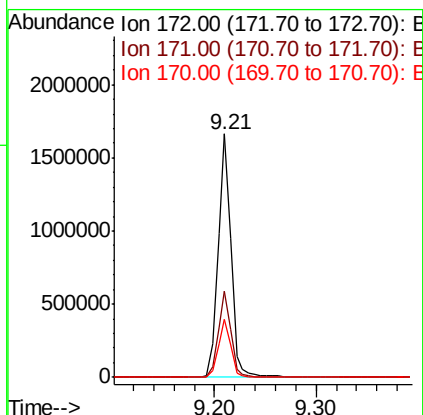
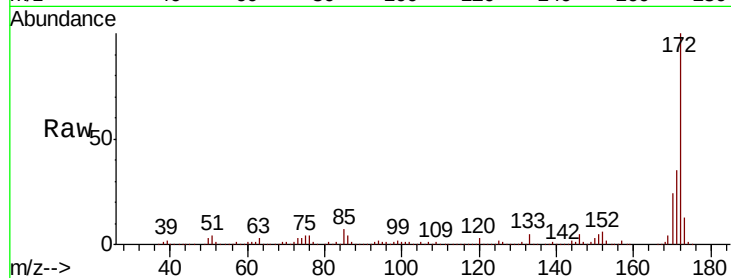




#45
2-Fluorobiphenyl
Concen: 58.045 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

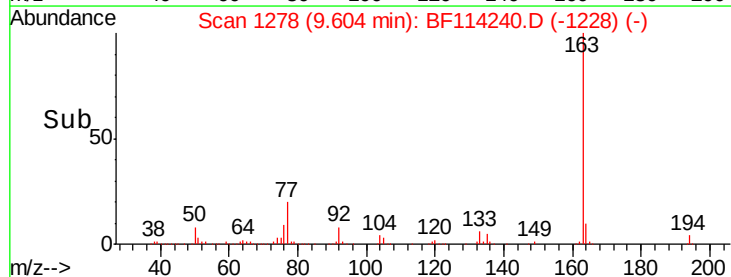
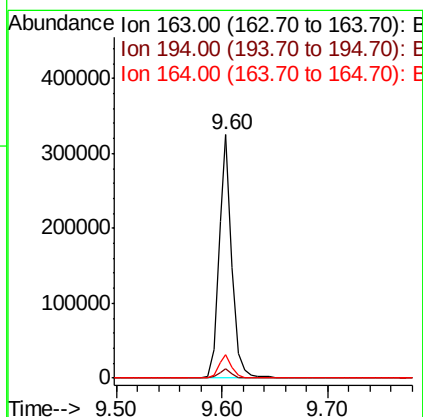
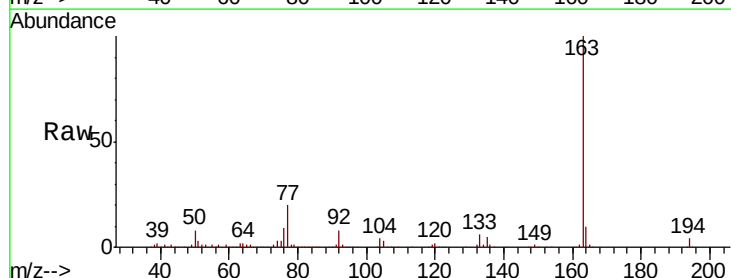
Instrument :
BNA_F
ClientSampleId :
S-3

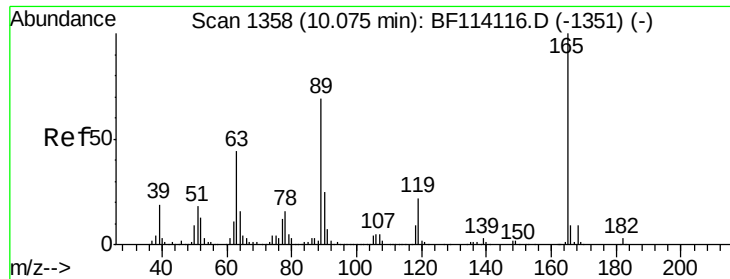
Tgt Ion:172 Resp: 1467899
Ion Ratio Lower Upper
172 100
171 35.2 30.7 46.1
170 23.9 20.5 30.7



#50
Dimethylphthalate
Concen: 9.899 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion:163 Resp: 277977
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.6 8.2 12.2

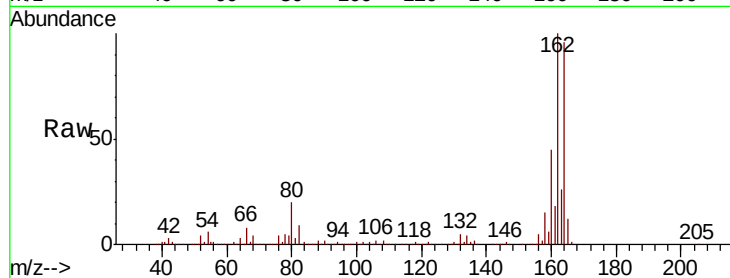




#57
 2,4-Dinitrotoluene
 Concen: 6.004 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.18 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tgt 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#



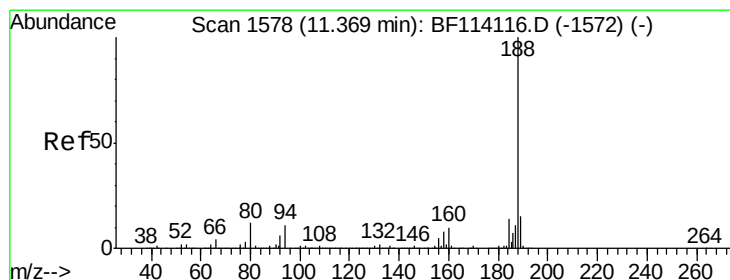
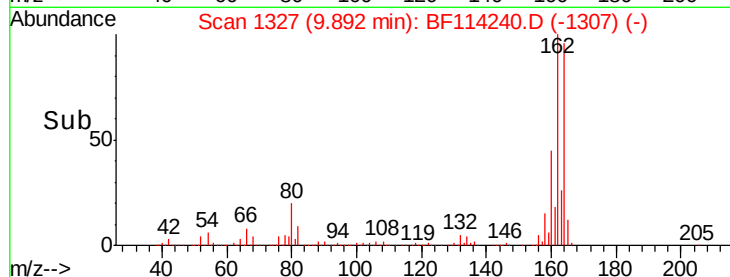
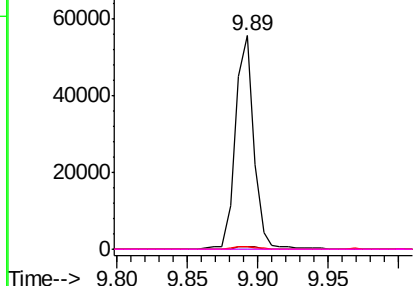
Abundance

Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

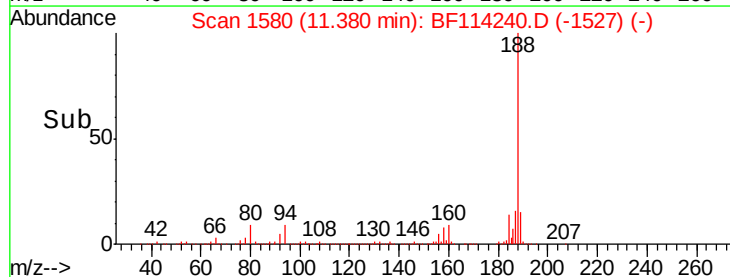
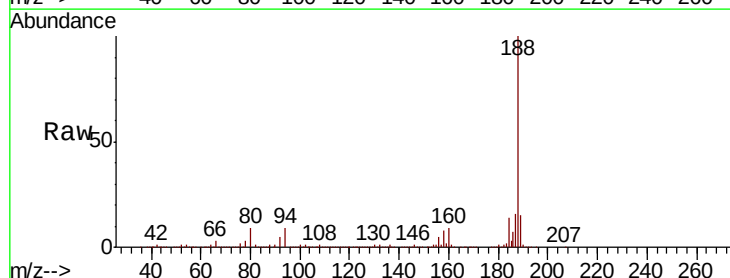
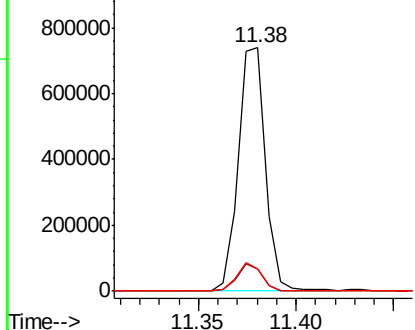
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	9.3	9.2	13.8

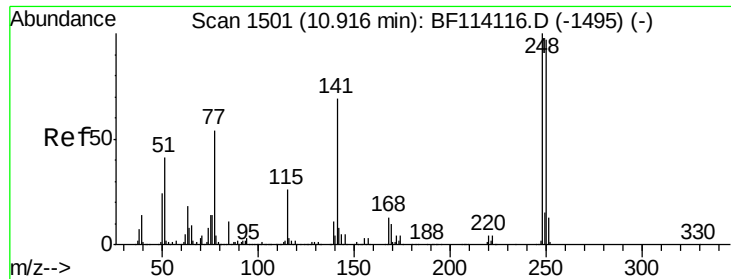
Abundance

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

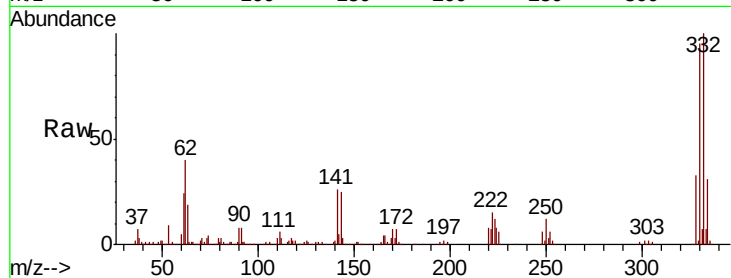




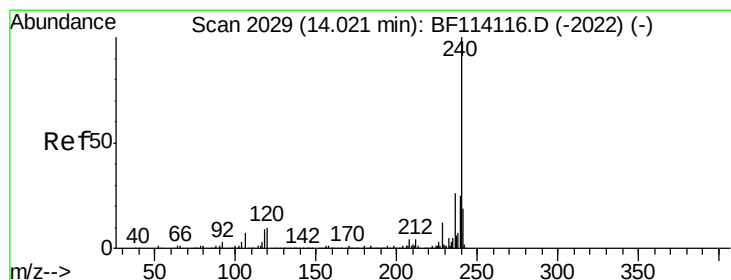
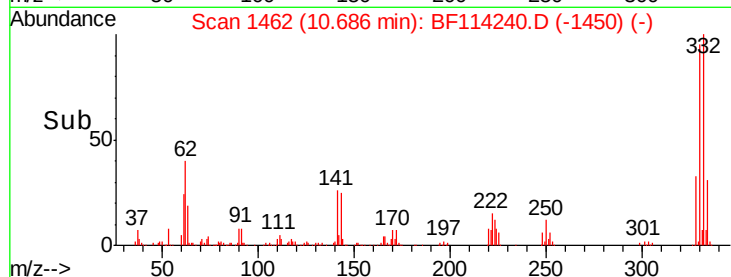
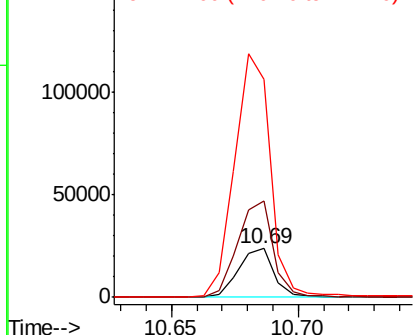
#67
 4-Bromophenyl-phenylether
 Concen: 2.909 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.23 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tgt Ion:248 Resp: 22807
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.4 116.2#
 141 444.8 55.6 83.4#

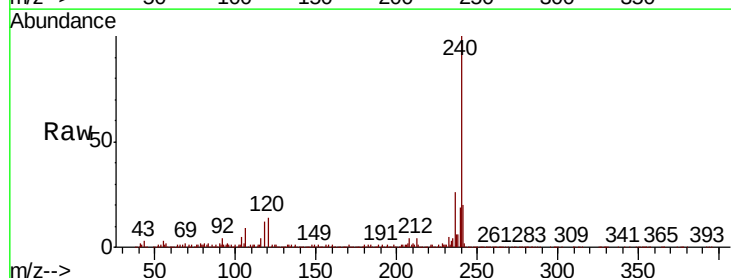


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

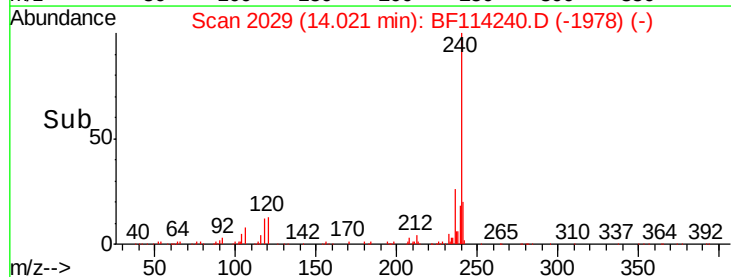
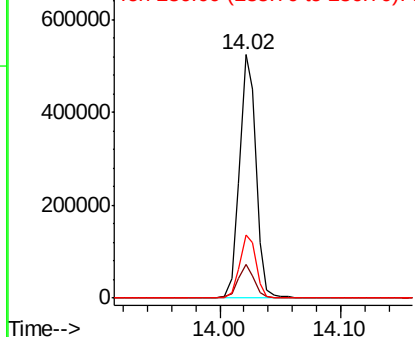


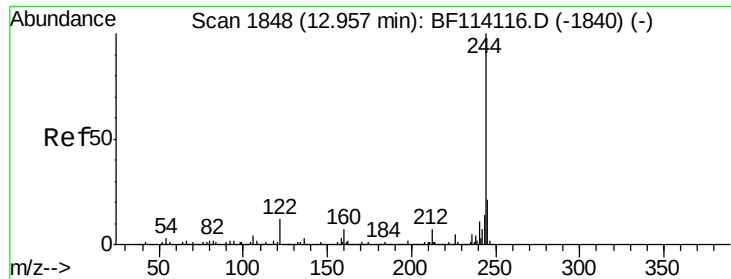
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

Tgt Ion:240 Resp: 500862
 Ion Ratio Lower Upper
 240 100
 120 13.7 8.3 12.5#
 236 26.1 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: 50.876 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

Instrument :

BNA_F

ClientSampleId :

S-3

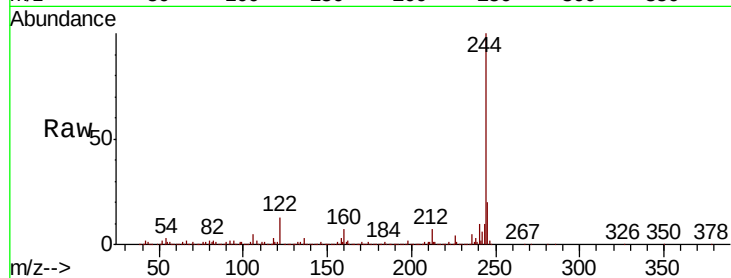
Tgt Ion:244 Resp: 1236113

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

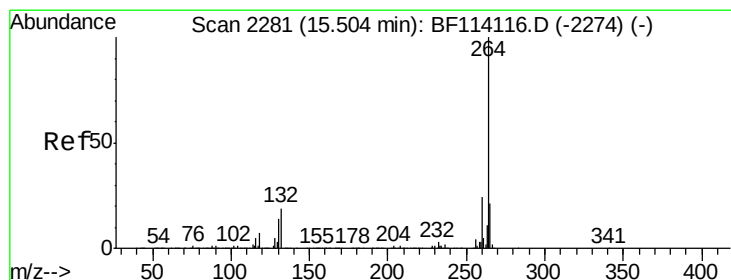
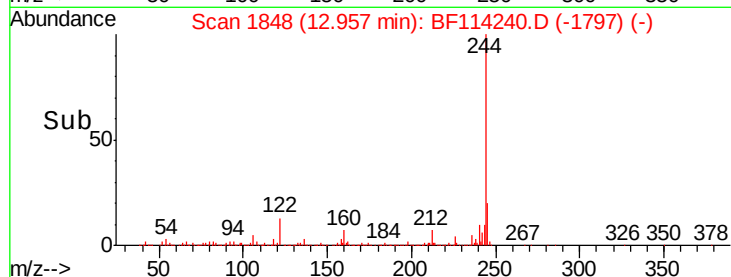
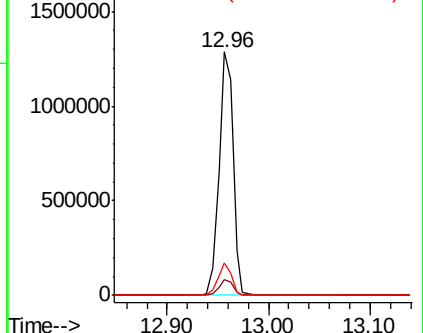
122 13.1 9.4 14.2



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: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

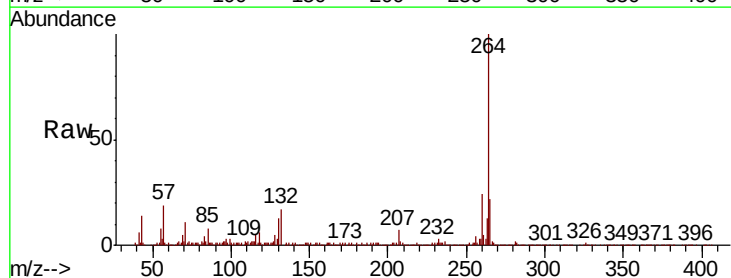
Tgt Ion:264 Resp: 506662

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.1 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

