

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114559.D
 Acq On : 24 May 2019 10:16
 Operator : JU/SJ
 Sample : PB119776BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Quant Time: May 24 11:45:30 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 24 07:23:33 2019
 Response via : Initial Calibration

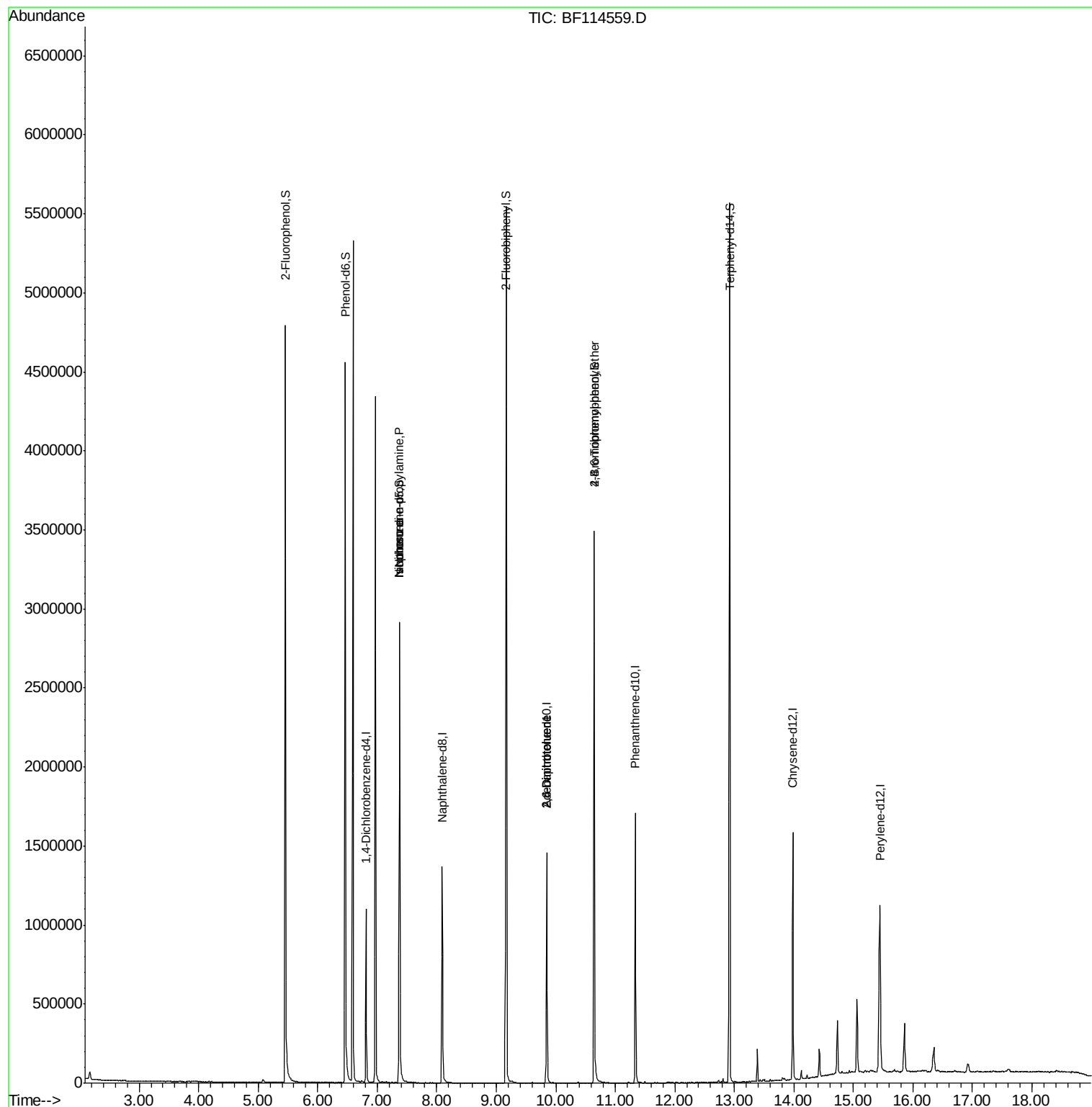
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171625	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	659772	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	319174	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	667271	20.00	ng	0.00
76) Chrysene-d12	13.98	240	520673	20.00	ng	0.00
87) Perylene-d12	15.44	264	470823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1380009	129.40	ng	0.01
7) Phenol-d6	6.46	99	1809754	143.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	1112216	94.60	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	446451	135.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2053893	97.34	ng	0.00
79) Terphenyl-d14	12.92	244	2208188	87.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	146629	18.340	ng	# 76
25) Isophorone	7.37	82	1112207	51.010	ng	# 64
51) 2,6-Dinitrotoluene	9.85	165	41465	7.979	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	41465	5.879	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	29416	4.004	ng	# 1

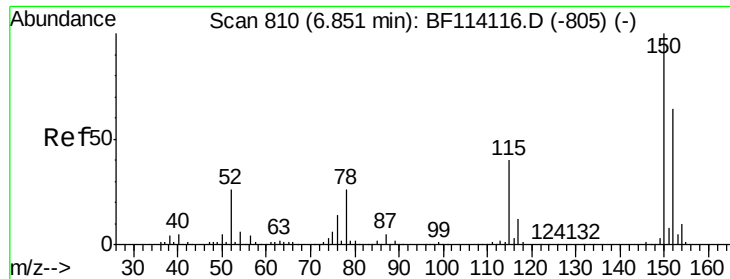
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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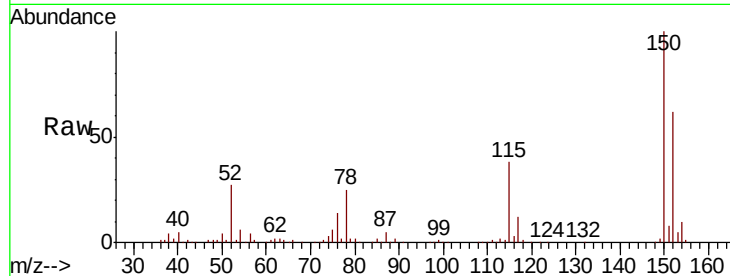




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.3	186.5
115	60.8	49.1	73.7

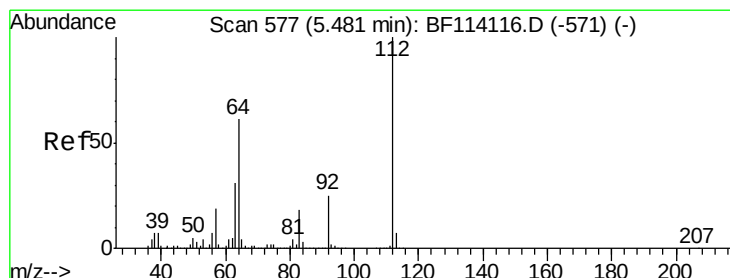
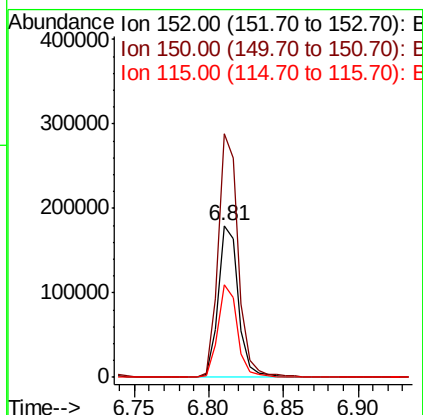
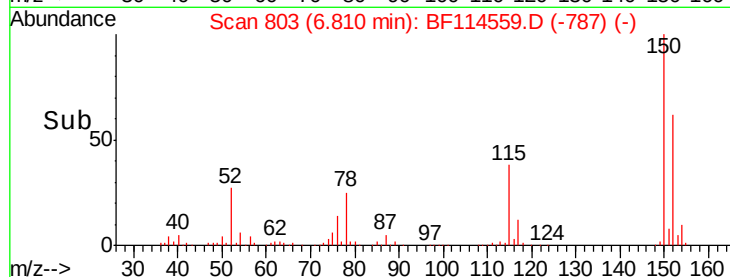


Abundance

Ion 152.00 (151.70 to 152.70): E

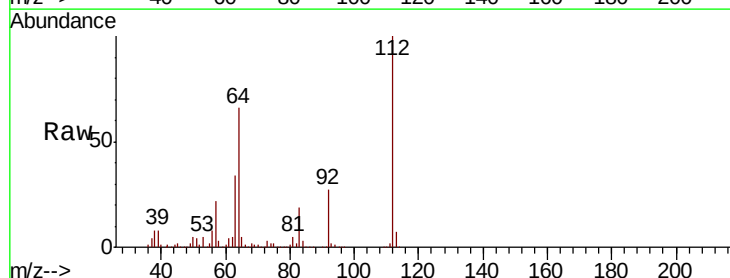
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 129.398 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	49.0	73.6
63	34.4	24.6	37.0

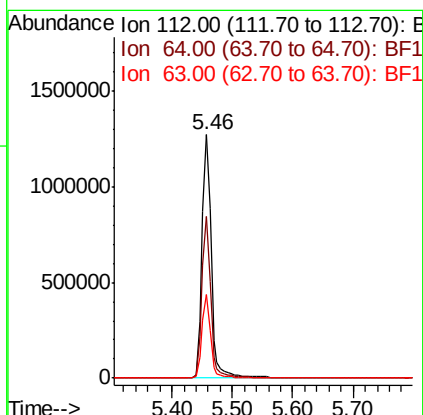
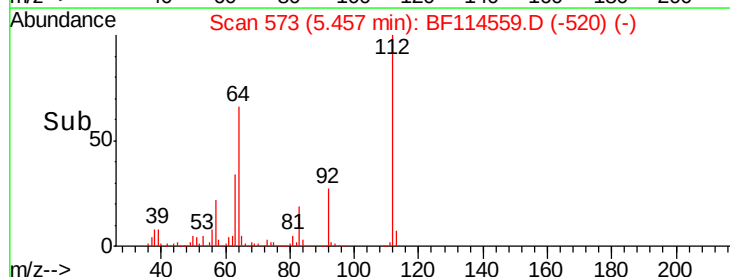


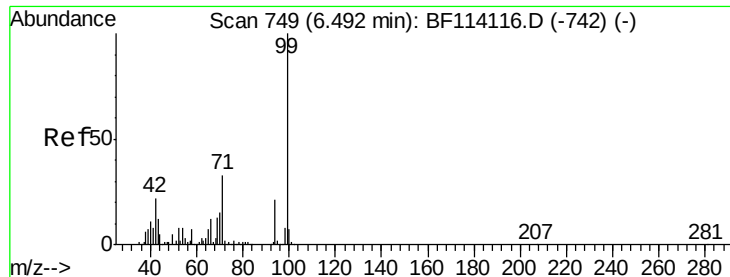
Abundance

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: 143.476 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB119776BL

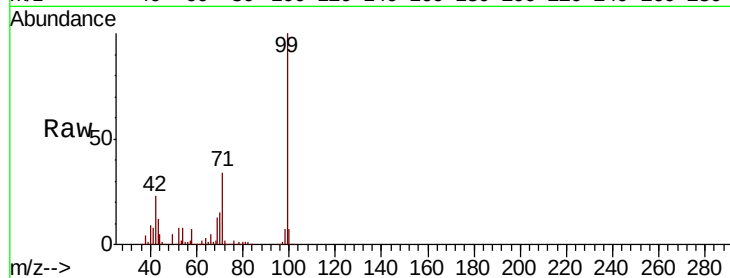
Tot Ion: 99 Resp: 1809754

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

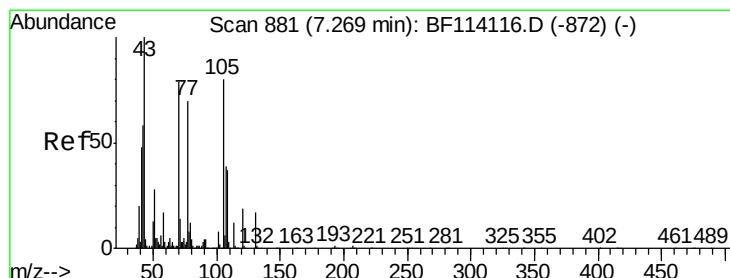
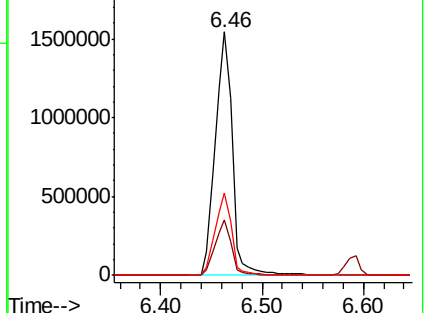
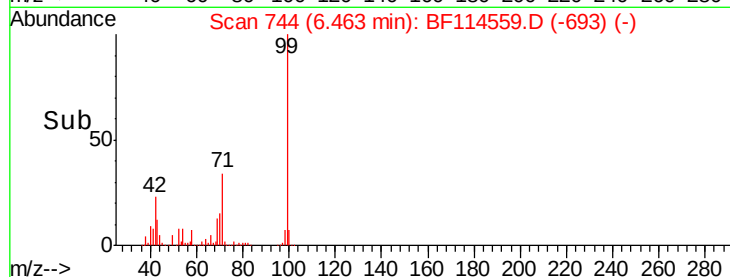
71 34.0 26.2 39.2



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: 18.340 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Tgt Ion: 70 Resp: 146629

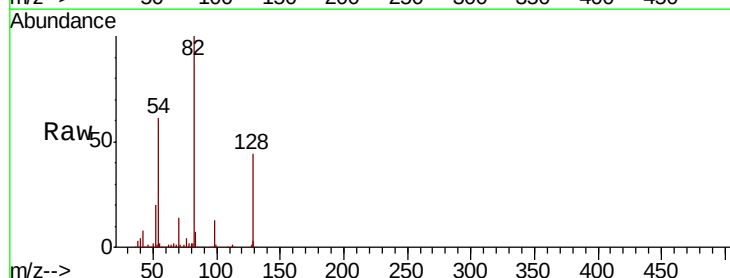
Ion Ratio Lower Upper

70 100

42 57.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

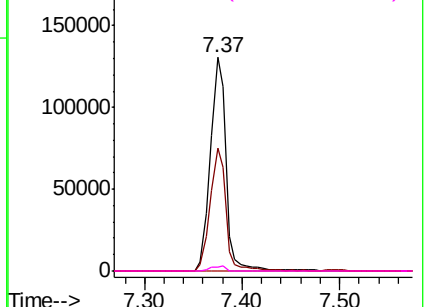
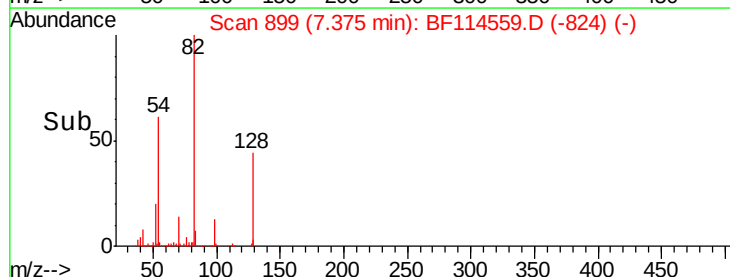


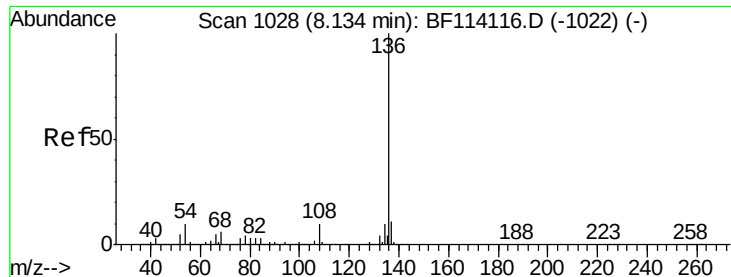
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

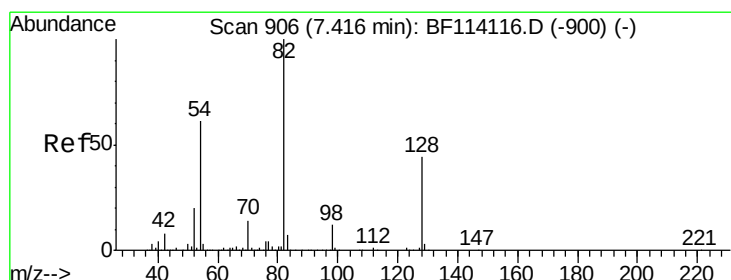
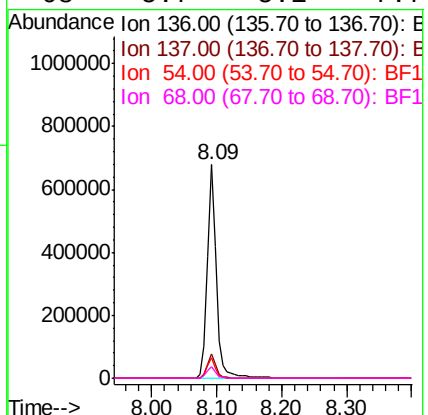
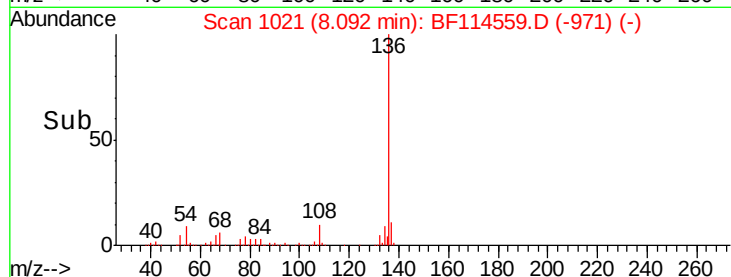
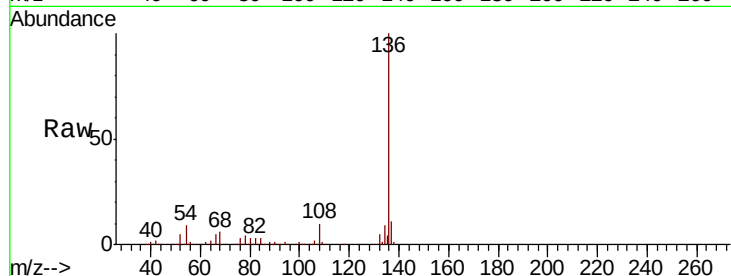




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

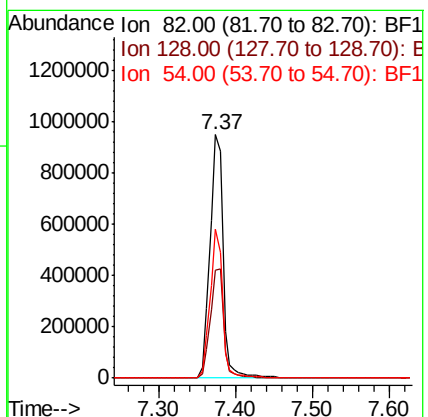
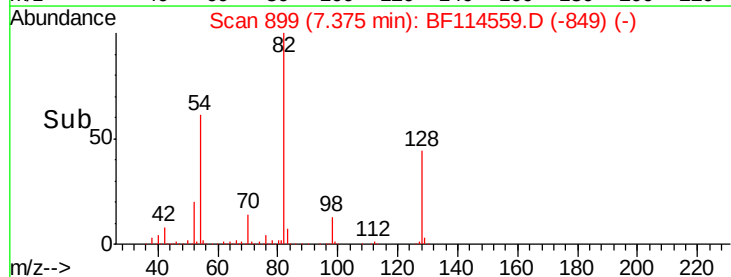
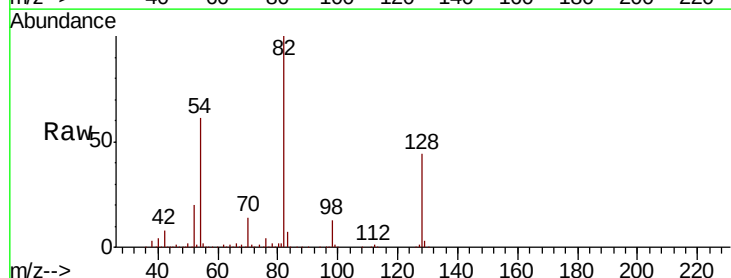
Instrument :
BNA_F
ClientSampleId :
PB119776BL

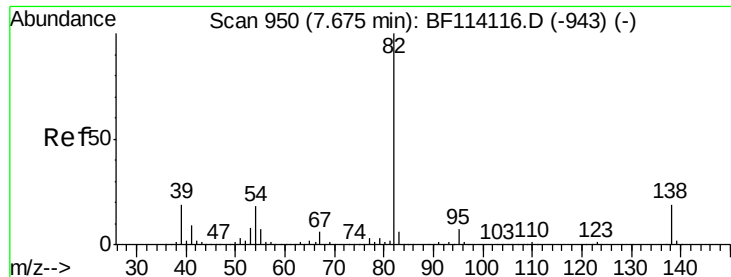
Tot Ion:136	Resp: 659772
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 9.4	7.8 11.8
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 94.605 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

Tgt Ion: 82	Resp: 1112216
Ion Ratio	Lower Upper
82 100	
128 44.2	35.5 53.3
54 61.3	48.5 72.7





#25

Isophorone

Concen: 51.010 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB119776BL

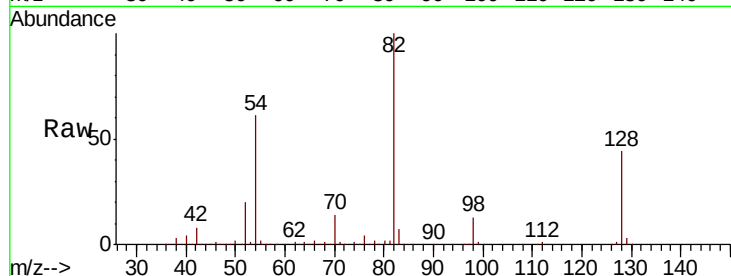
Tot Ion: 82 Resp: 1112207

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

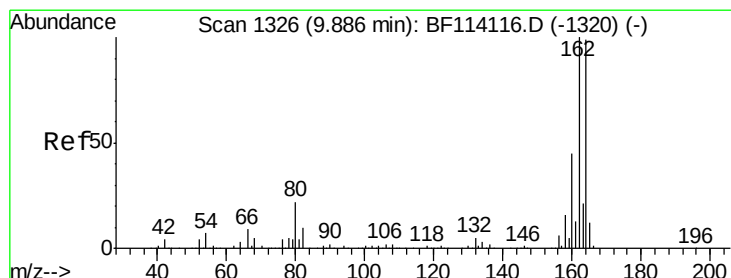
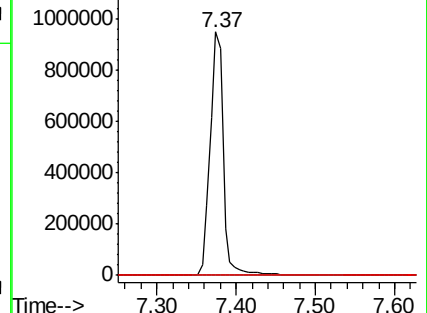
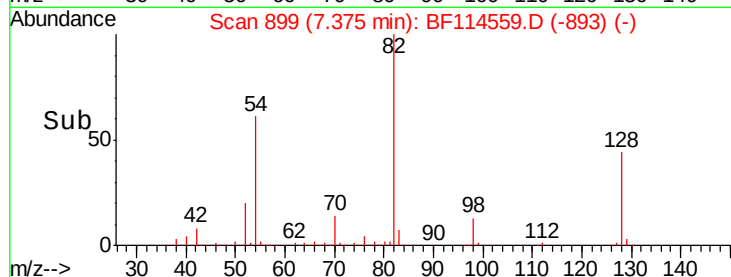
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

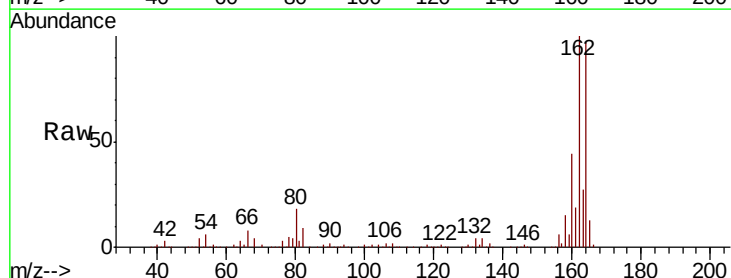
Tgt Ion:164 Resp: 319174

Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

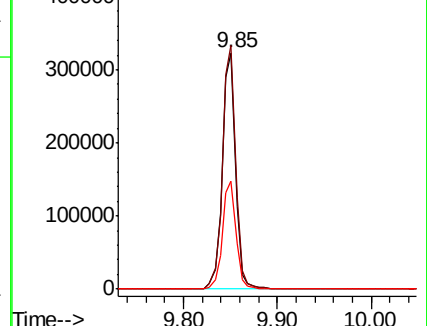
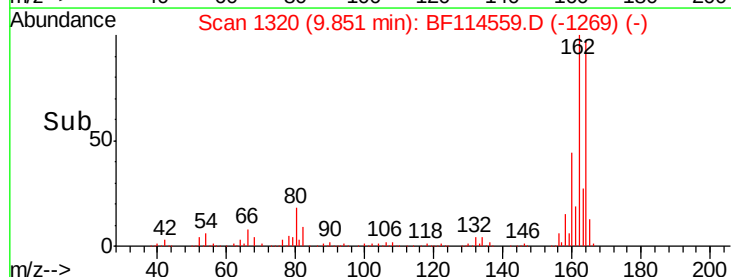
160 45.5 36.5 54.7

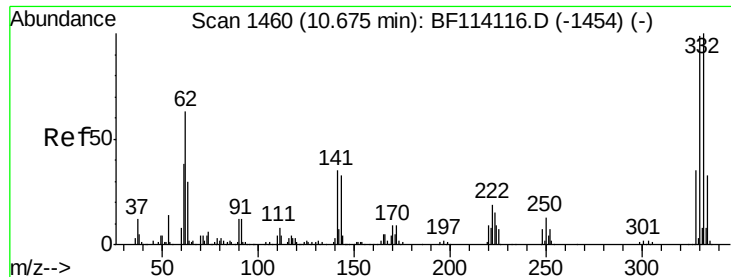


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 135.300 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB119776BL

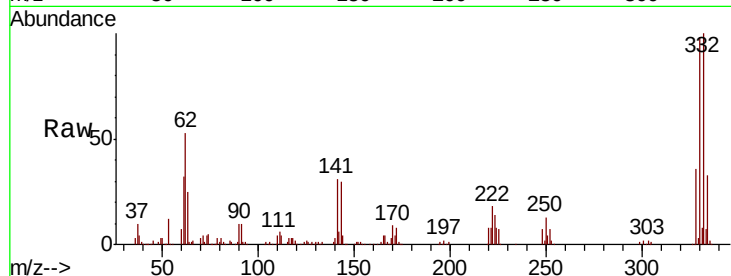
Tot Ion:330 Resp: 446451

Ion Ratio Lower Upper

330 100

332 101.4 81.4 122.2

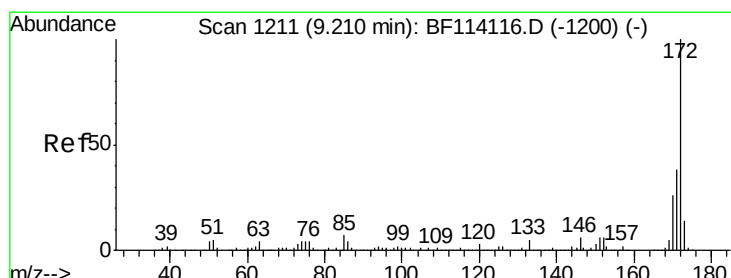
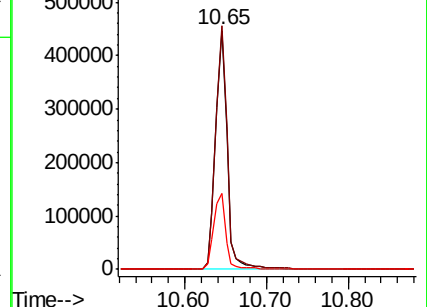
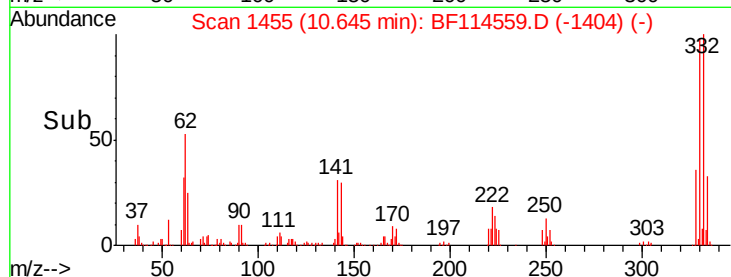
141 33.0 26.6 40.0



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: 97.340 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

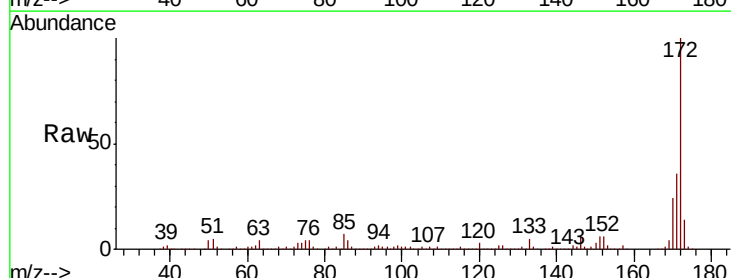
Tgt Ion:172 Resp: 2053893

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

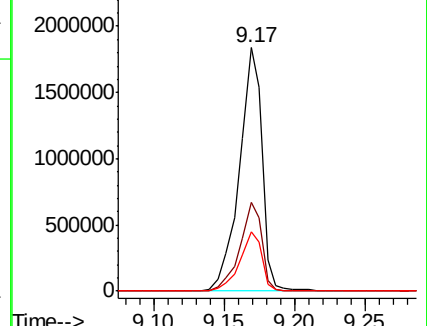
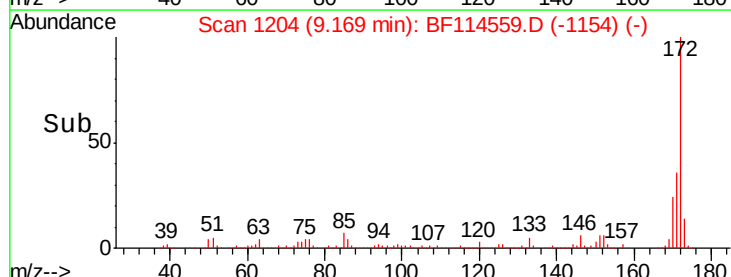
170 24.4 20.5 30.7

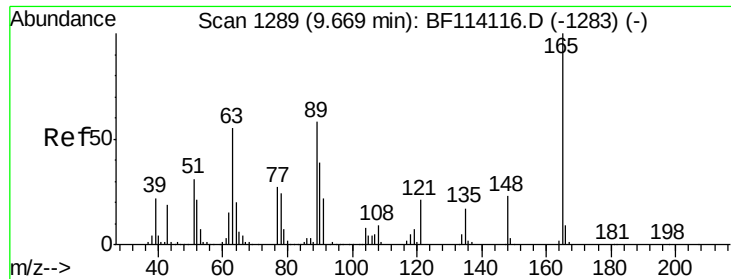


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

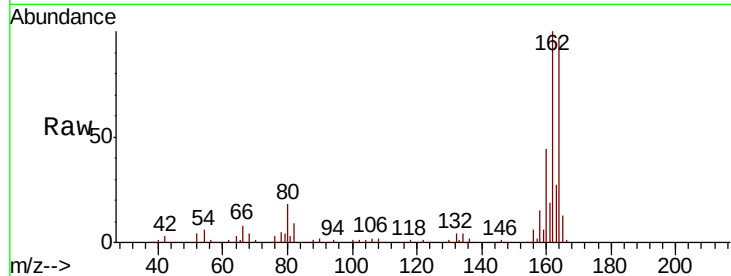




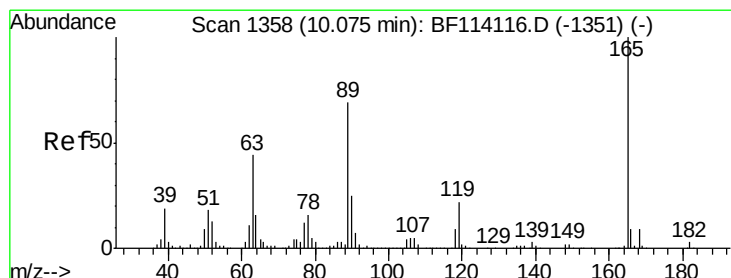
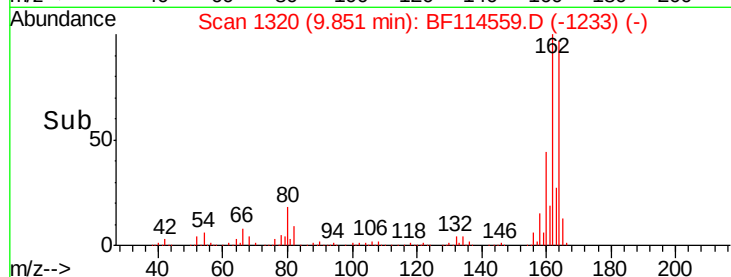
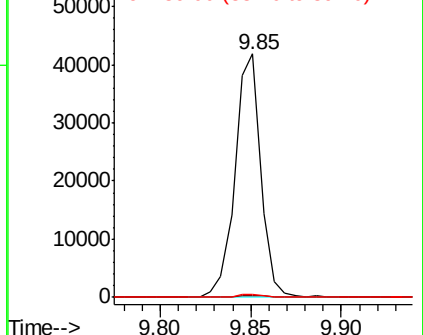
#51
 2,6-Dinitrotoluene
 Concen: 7.979 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Instrument :
 BNA_F
 ClientSampled :
 PB119776BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	50.2	75.4#
89	1.4	46.6	69.8#

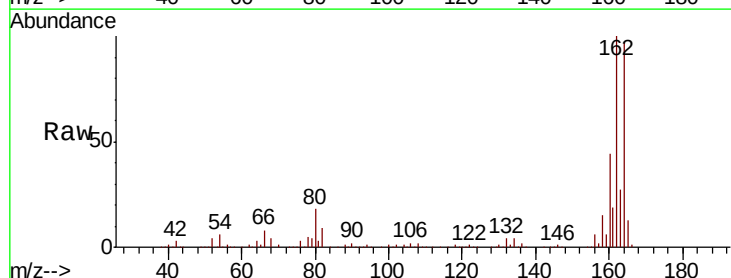


Abundance Ion 165.00 (164.70 to 165.70): E

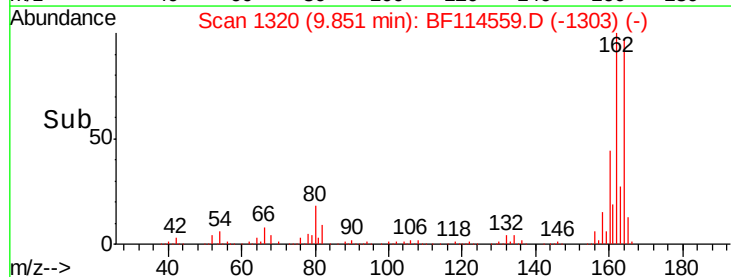
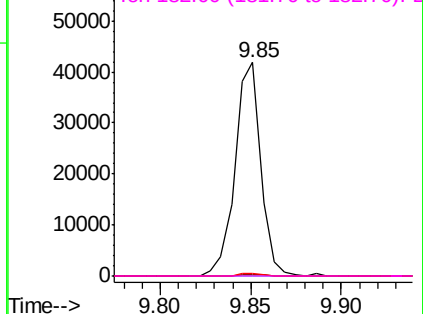


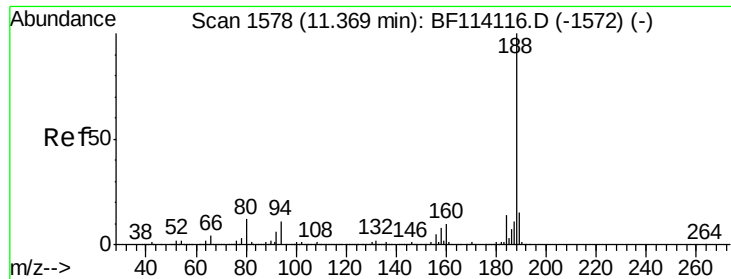
#57
 2,4-Dinitrotoluene
 Concen: 5.879 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.20 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB119776BL

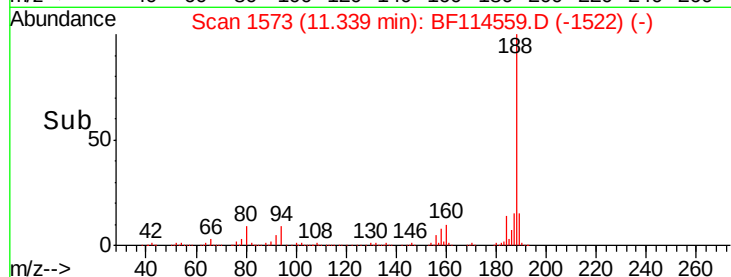
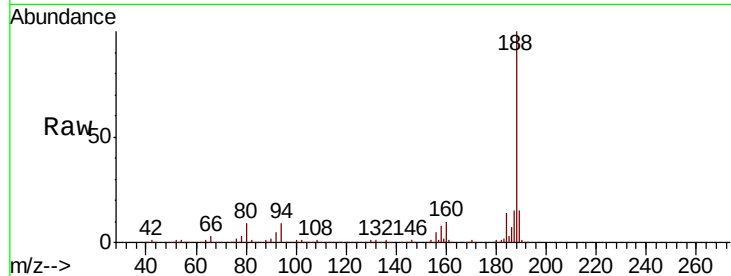
Tot Ion:188 Resp: 667271

Ion Ratio Lower Upper

188 100

94 9.0 8.4 12.6

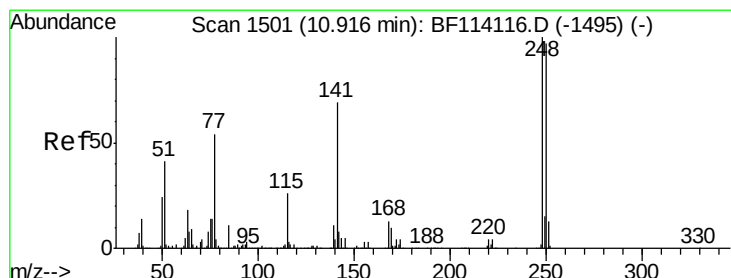
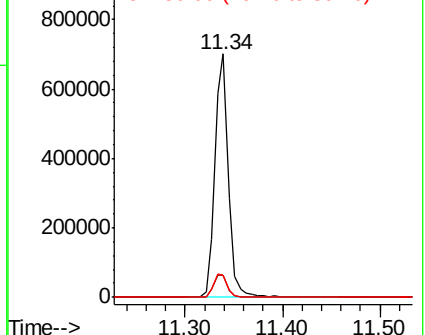
80 9.3 9.2 13.8



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: 4.004 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.23 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

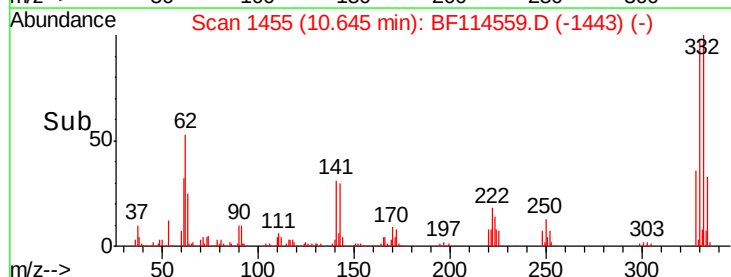
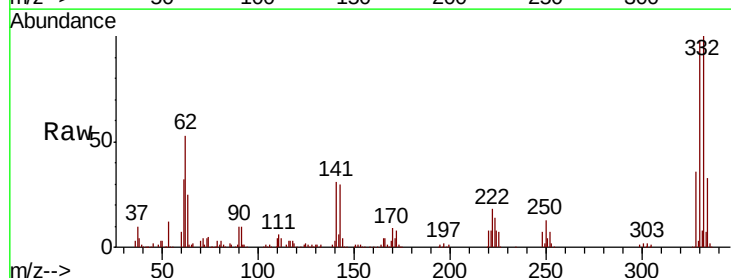
Tgt Ion:248 Resp: 29416

Ion Ratio Lower Upper

248 100

250 196.0 77.4 116.2#

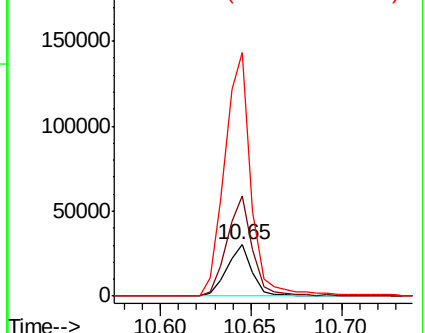
141 473.6 55.6 83.4#

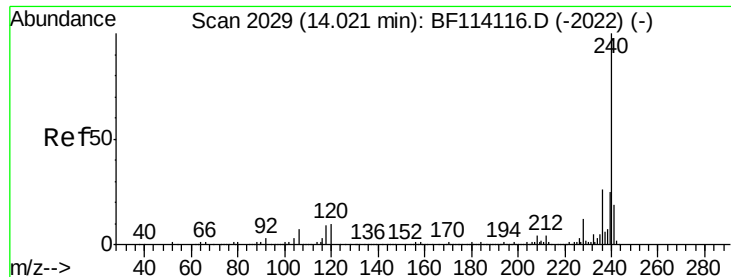


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

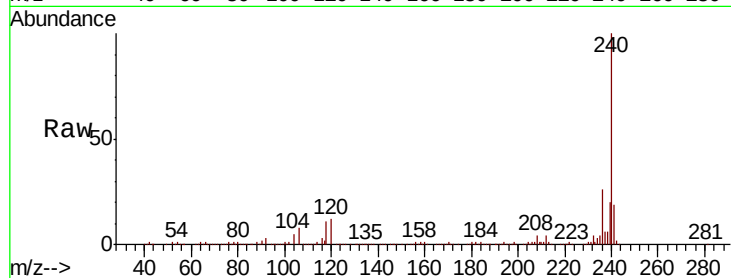




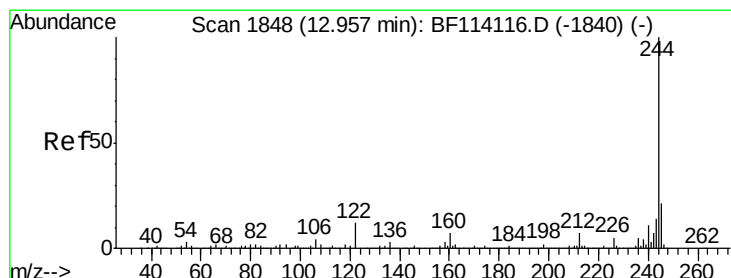
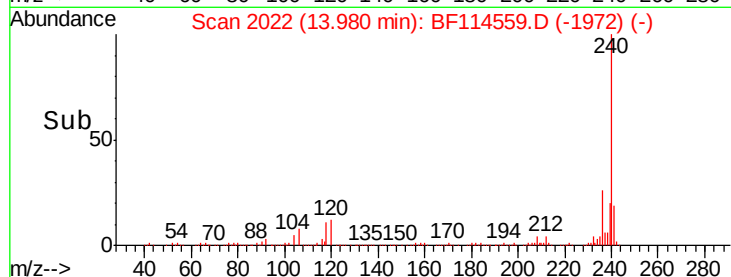
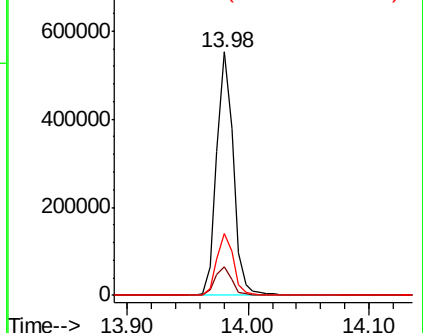
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion:240 Resp: 520673
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 25.6 20.8 31.2

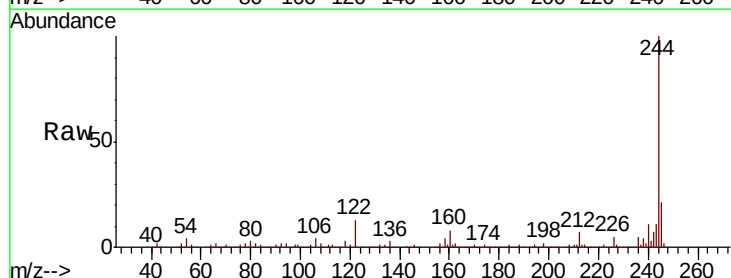


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

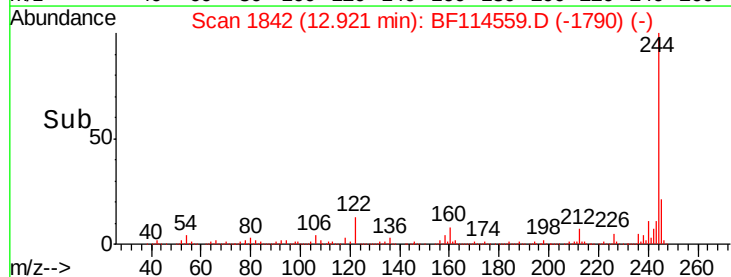
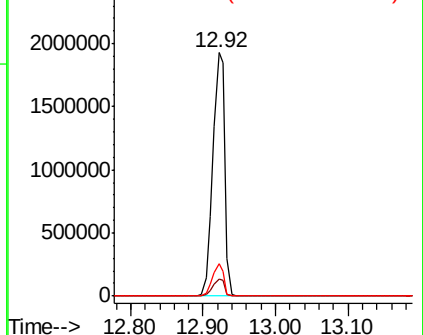


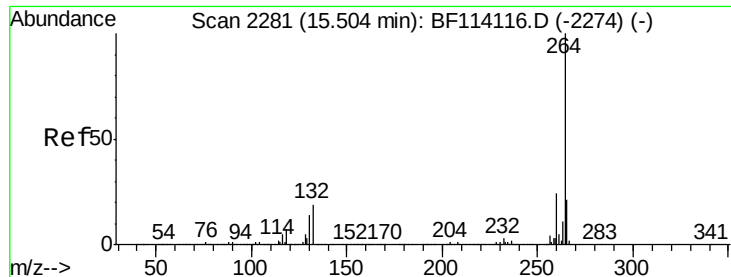
#79
 Terphenyl-d14
 Concen: 87.426 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Tgt Ion:244 Resp: 2208188
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.3 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.7	16.9	25.3

