

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114952.D
 Acq On : 11 Jun 2019 19:22
 Operator : HP/JU
 Sample : K3163-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:32:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

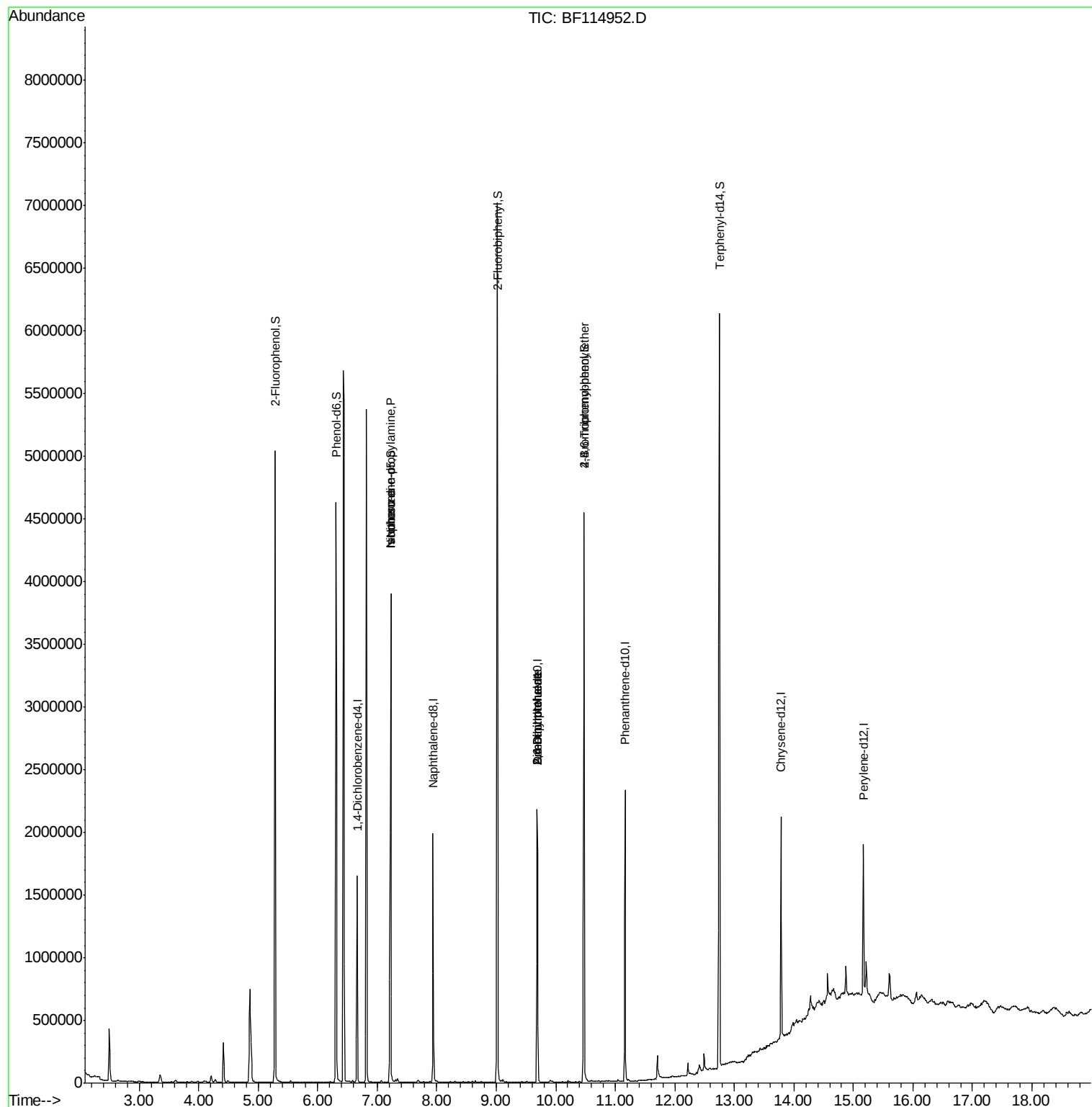
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	250051	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	935393	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	442705	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	777683	20.00	ng	0.00
76) Chrysene-d12	13.79	240	544686	20.00	ng	0.00
87) Perylene-d12	15.17	264	516995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1609404	108.93	ng	0.02
7) Phenol-d6	6.31	99	1776541	99.69	ng	0.00
23) Nitrobenzene-d5	7.23	82	1356656	89.11	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	584897	121.45	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2418823	86.71	ng	0.00
79) Terphenyl-d14	12.75	244	2317696	84.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	182008	16.332	ng	# 76
25) Isophorone	7.23	82	1342012	45.016	ng	# 62
50) Dimethylphthalate	9.69	163	123809	3.721	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	56018	7.330	ng	# 30
57) 2,4-Dinitrotoluene	9.69	165	56018	5.799	ng	# 27
67) 4-Bromophenyl-phenylether	10.47	248	38605	4.583	ng	# 1

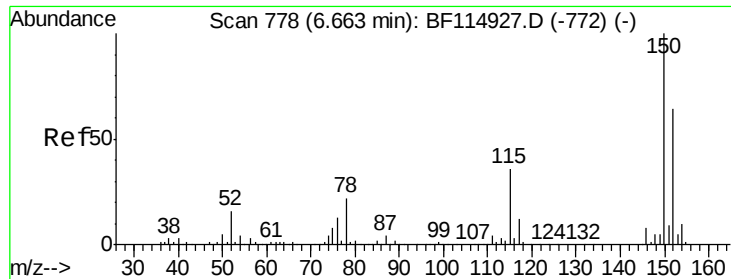
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 04:32:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



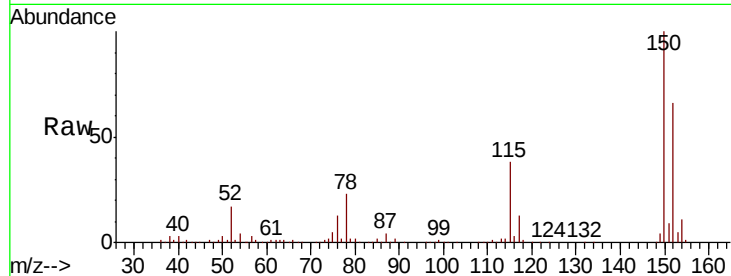


#1

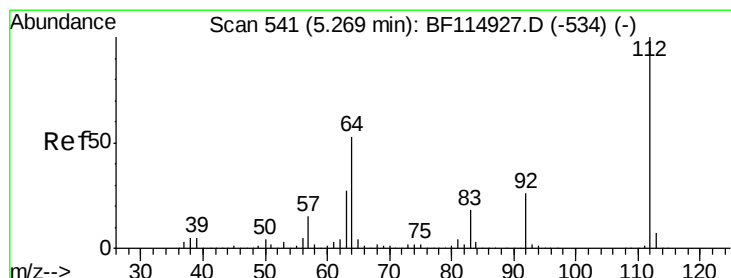
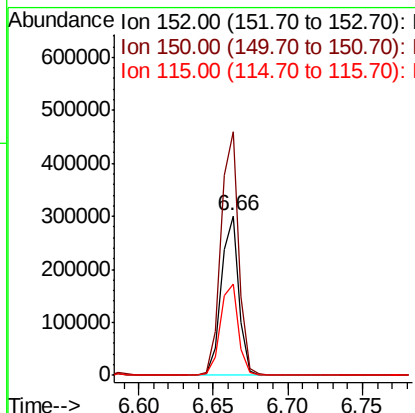
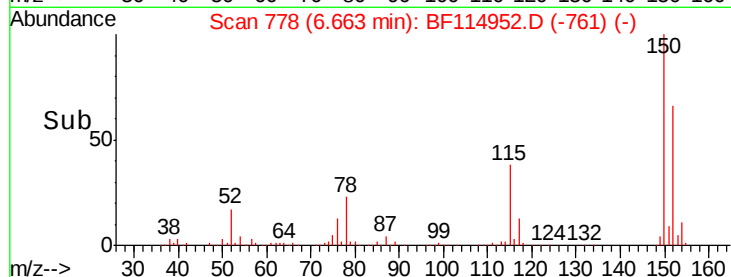
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 250051
Ion Ratio Lower Upper
152 100
150 152.6 125.2 187.8
115 57.4 45.0 67.4



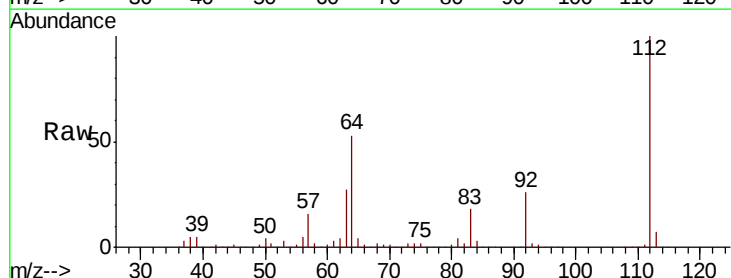
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



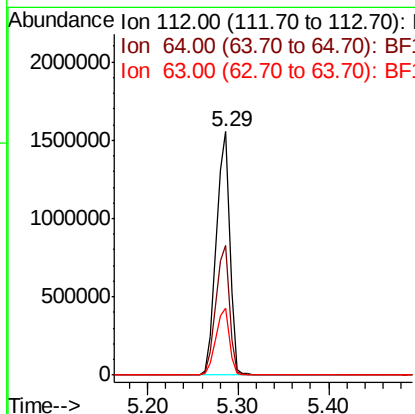
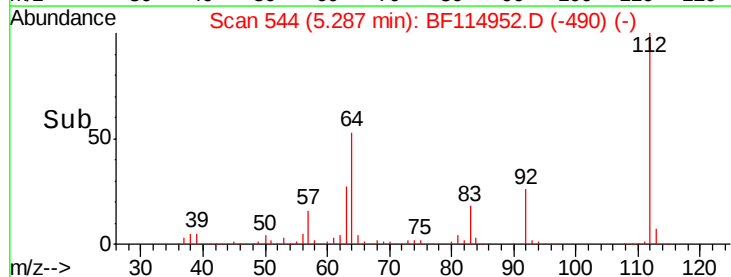
#5

2-Fluorophenol
Concen: 108.929 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.02 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Tgt Ion:112 Resp: 1609404
Ion Ratio Lower Upper
112 100
64 53.1 42.1 63.1
63 27.3 21.8 32.8



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: 99.687 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampled :

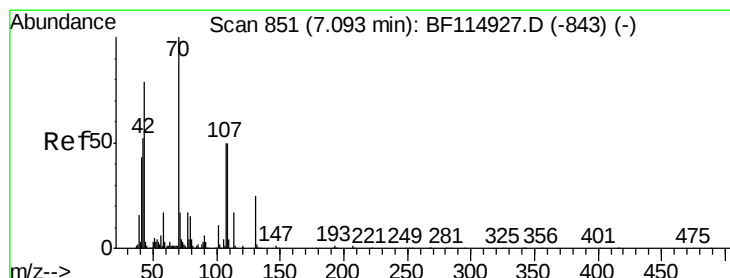
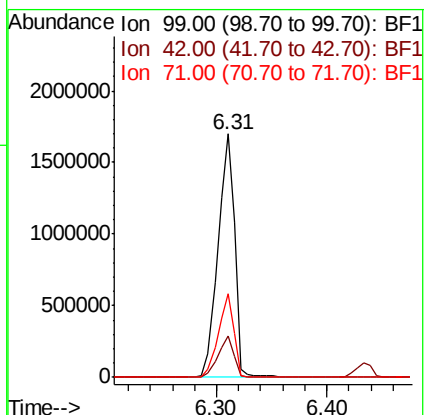
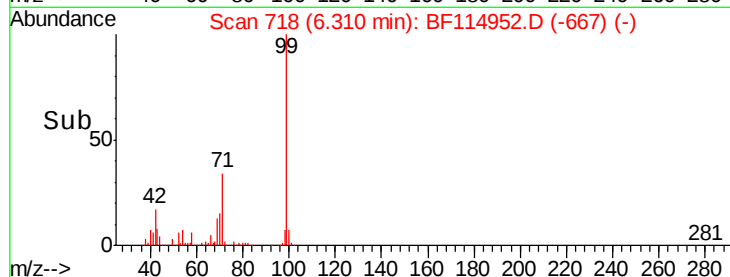
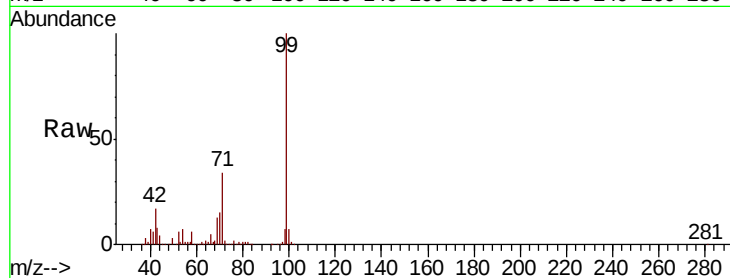
Tot Ion: 99 Resp: 1776541

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 34.2 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.332 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Tgt Ion: 70 Resp: 182008

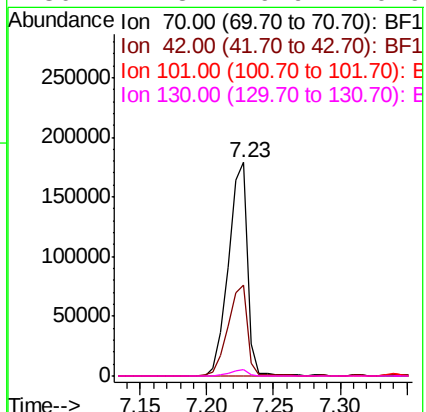
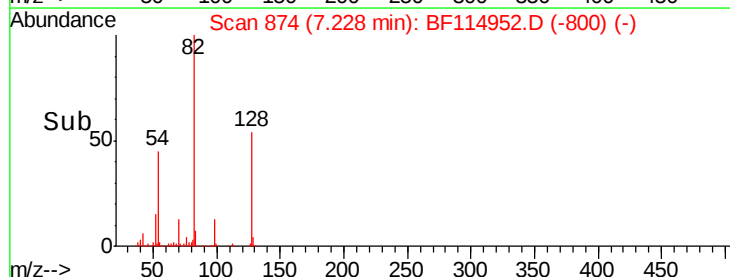
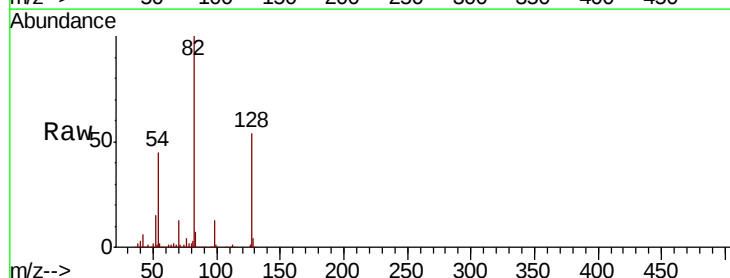
Ion Ratio Lower Upper

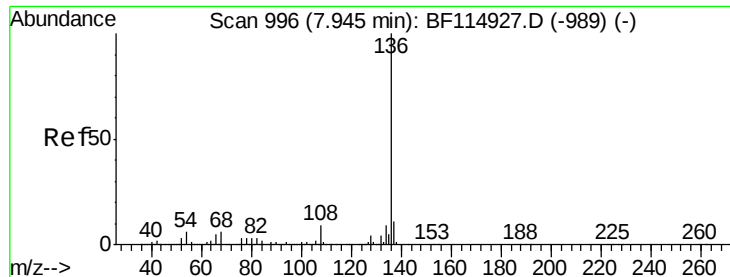
70 100

42 42.6 41.7 62.5

101 0.0 8.4 12.6#

130 2.8 19.9 29.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 935393

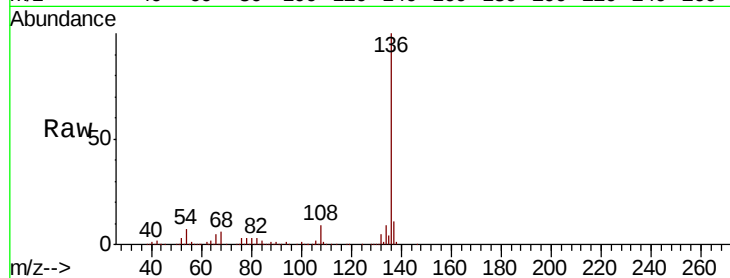
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.0 5.2 7.8

68 6.1 4.6 7.0

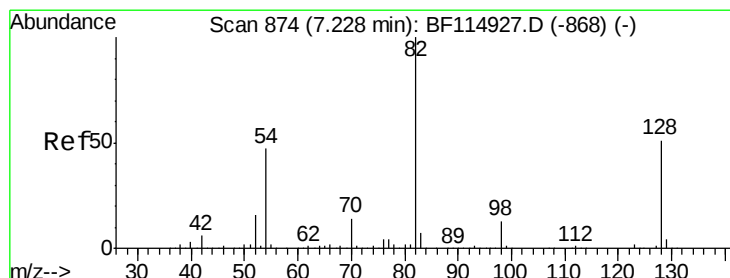
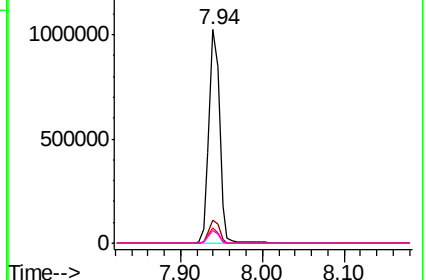
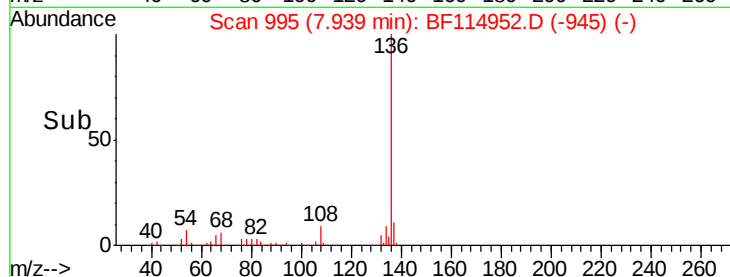


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.113 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

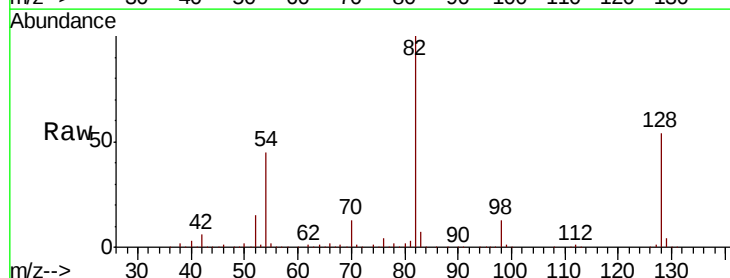
Tgt Ion: 82 Resp: 1356656

Ion Ratio Lower Upper

82 100

128 53.7 40.9 61.3

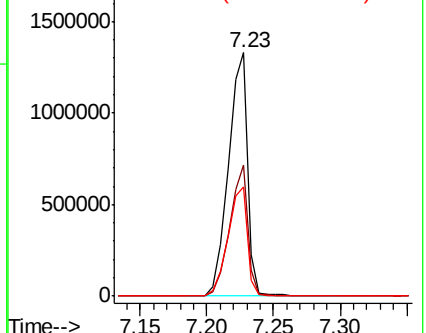
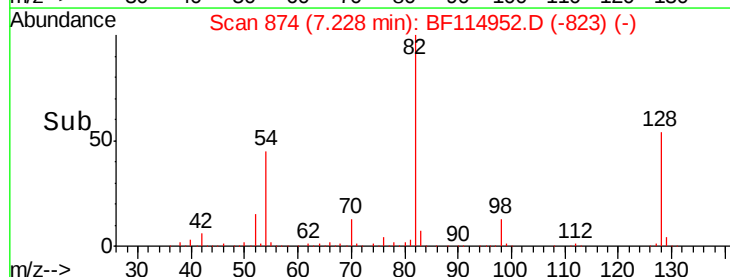
54 45.1 37.4 56.0

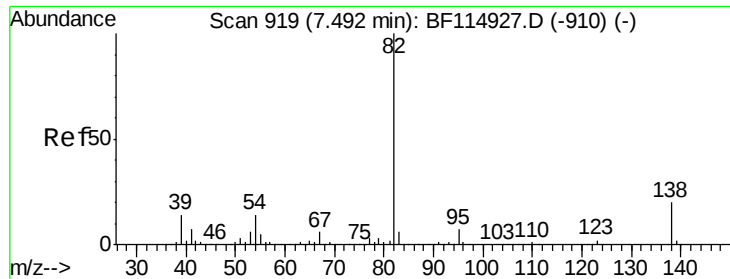


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.016 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.26 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampleId :

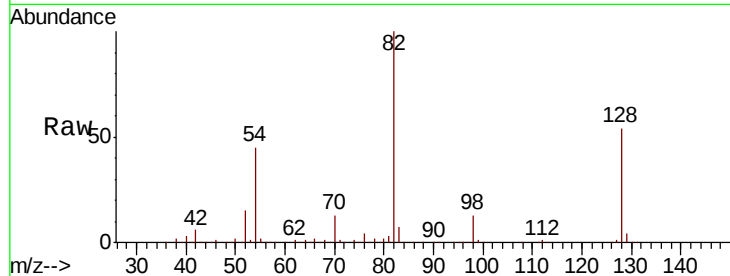
Tot Ion: 82 Resp: 1342012

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

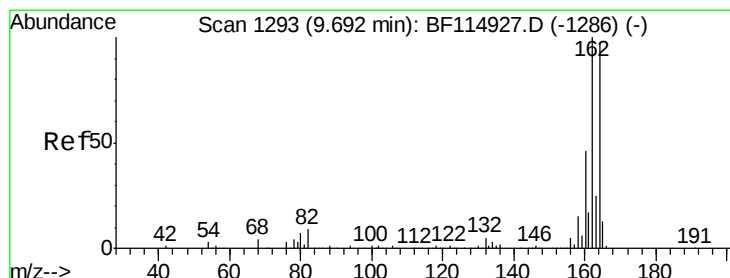
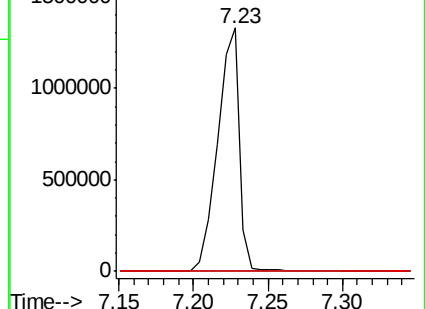
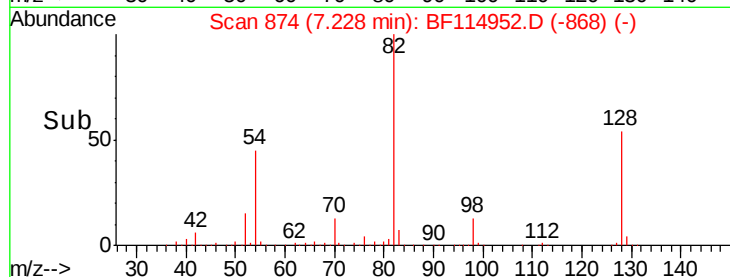
138 0.0 16.4 24.6#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

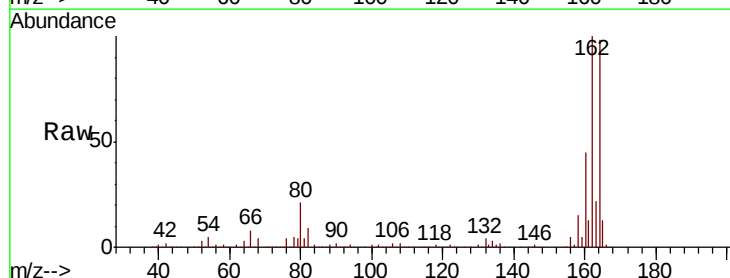
Tgt Ion:164 Resp: 442705

Ion Ratio Lower Upper

164 100

162 101.6 82.4 123.6

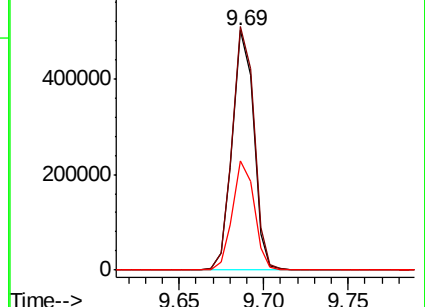
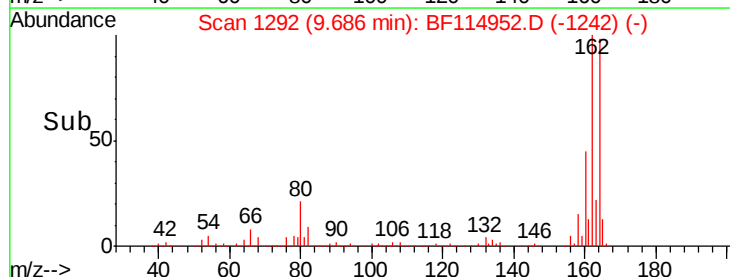
160 45.7 37.5 56.3

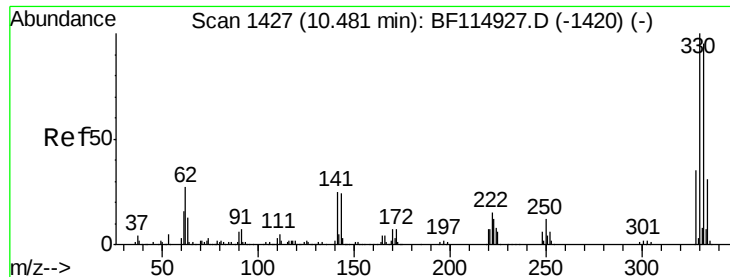


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 121.454 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampleId :

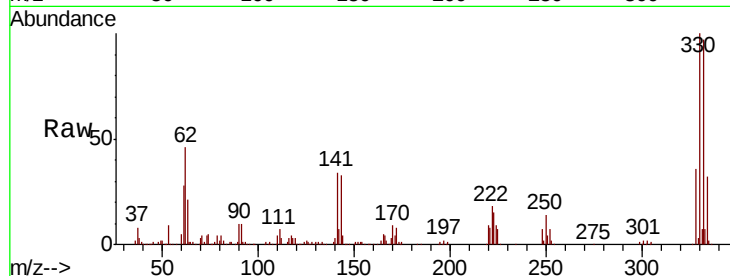
Tot Ion:330 Resp: 584897

Ion Ratio Lower Upper

330 100

332 95.5 76.4 114.6

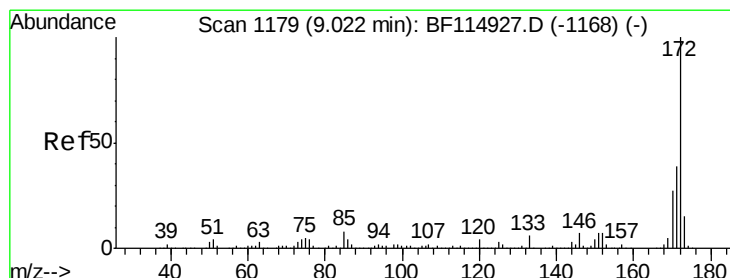
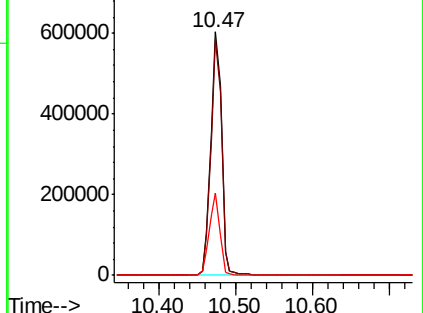
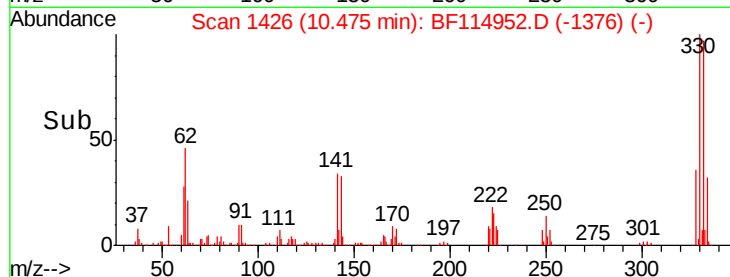
141 33.1 26.8 40.2



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: 86.713 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

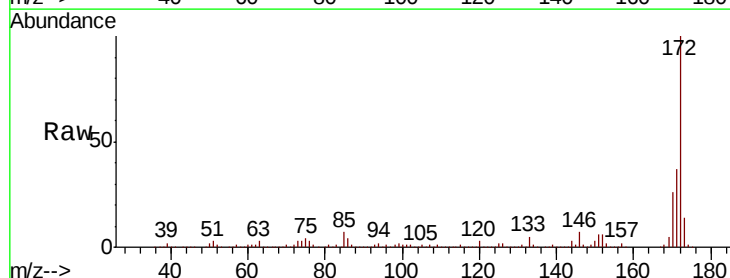
Tgt Ion:172 Resp: 2418823

Ion Ratio Lower Upper

172 100

171 37.4 31.3 46.9

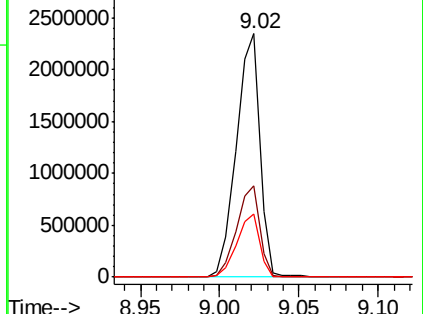
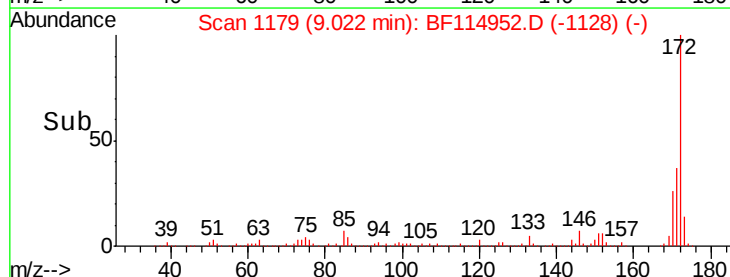
170 25.8 21.4 32.0

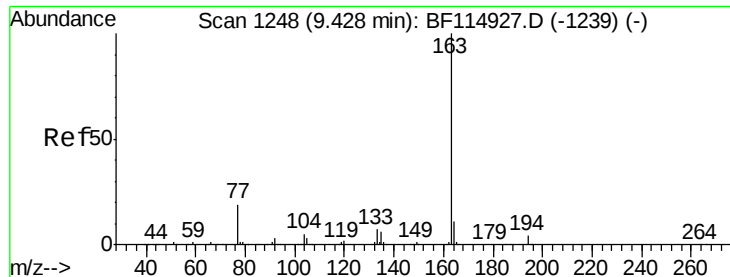


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

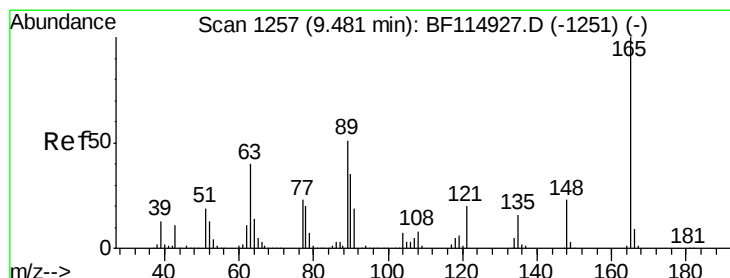
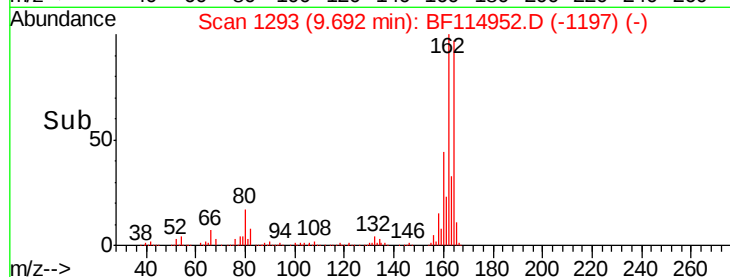
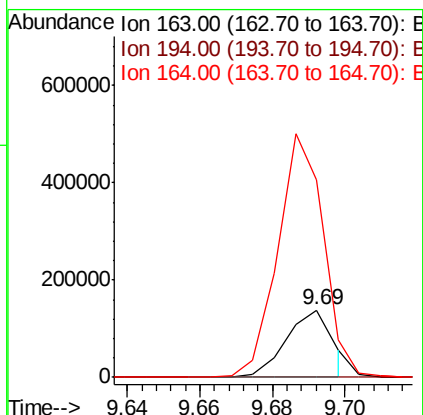
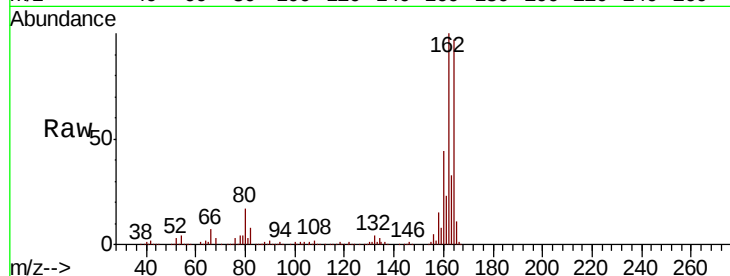




#50
Dimethylphthalate
Concen: 3.721 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.26 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

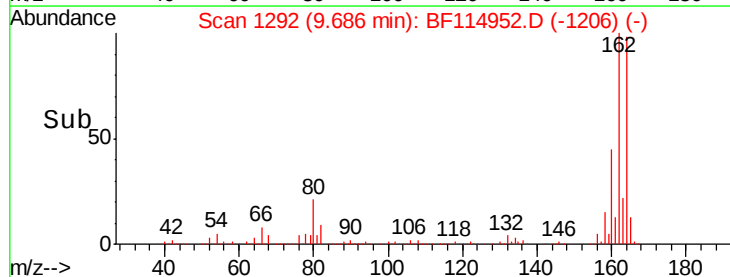
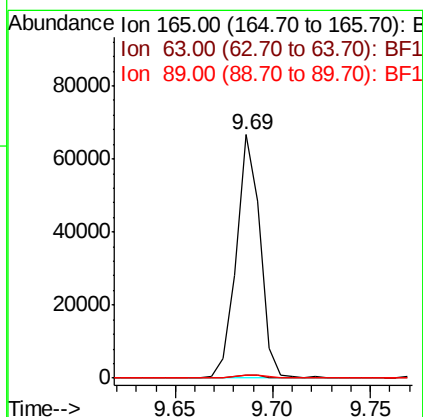
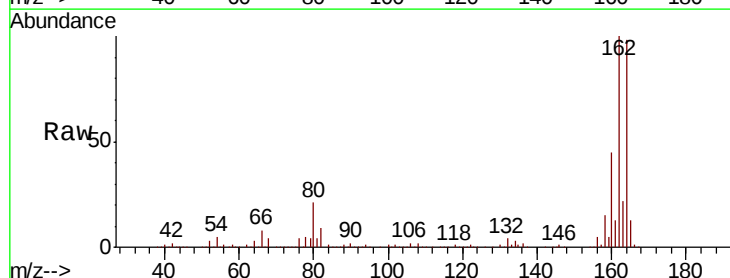
Instrument :
BNA_F
ClientSampleId :

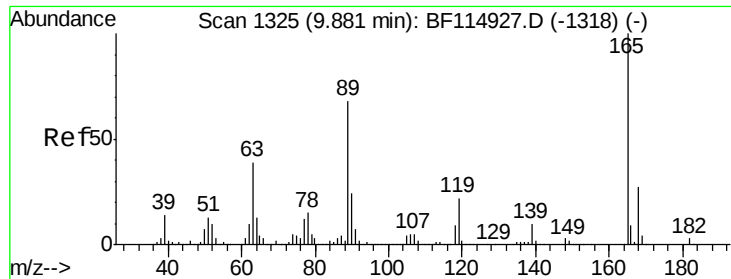
Tot Ion:163 Resp: 123809
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 294.8 8.7 13.1#



#51
2,6-Dinitrotoluene
Concen: 7.330 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.21 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Tgt Ion:165 Resp: 56018
Ion Ratio Lower Upper
165 100
63 1.2 38.3 57.5#
89 1.3 40.8 61.2#

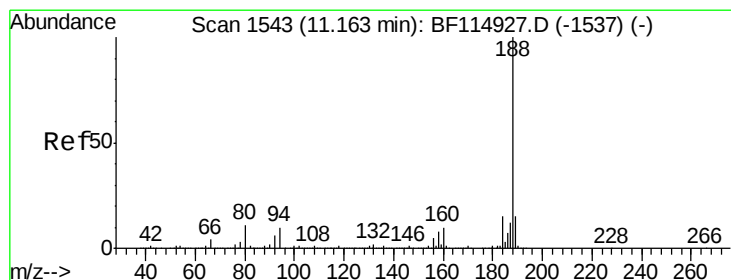
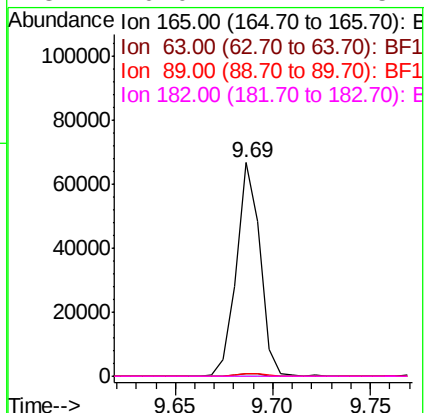
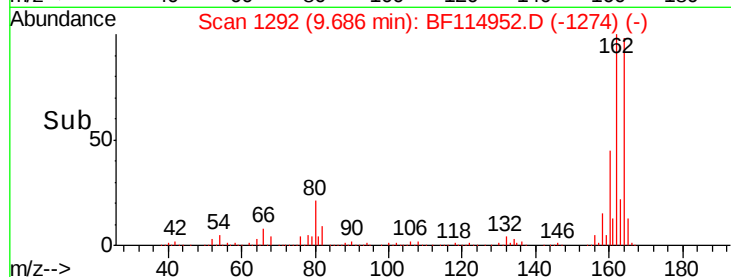
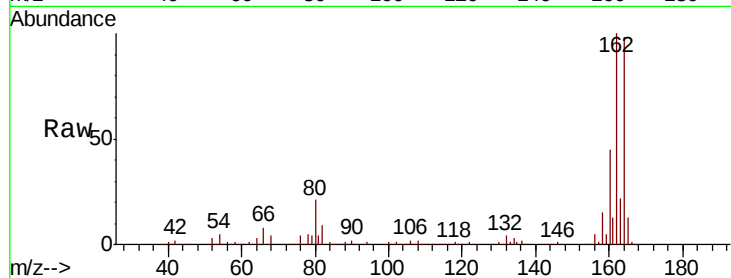




#57
 2,4-Dinitrotoluene
 Concen: 5.799 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.19 min
 Lab File: BF114952.D
 Acq: 11 Jun 2019 19:22

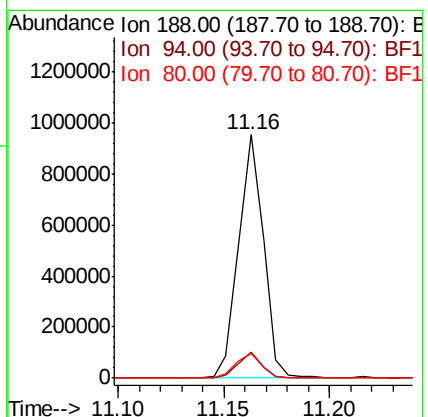
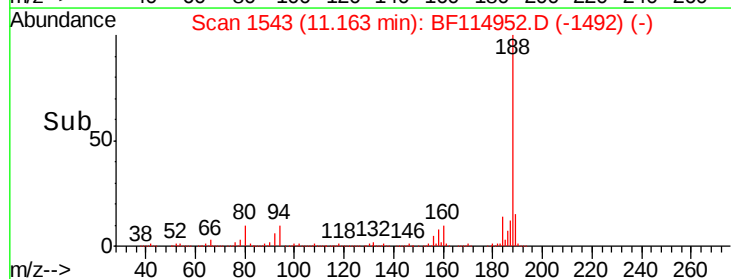
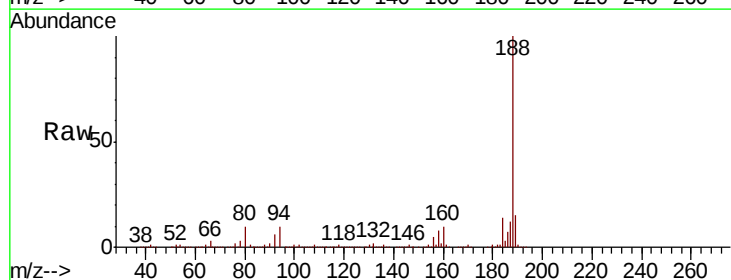
Instrument :
 BNA_F
 ClientSampled :

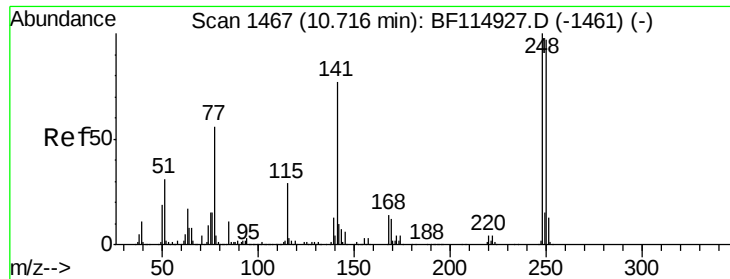
Tot Ion:165	Resp:	56018
Ion Ratio	Lower	Upper
165	100	
63	1.2	31.8 47.6#
89	1.3	54.2 81.2#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF114952.D
 Acq: 11 Jun 2019 19:22

Tgt Ion:188	Resp:	777683
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.1 12.1
80	10.4	8.6 12.8

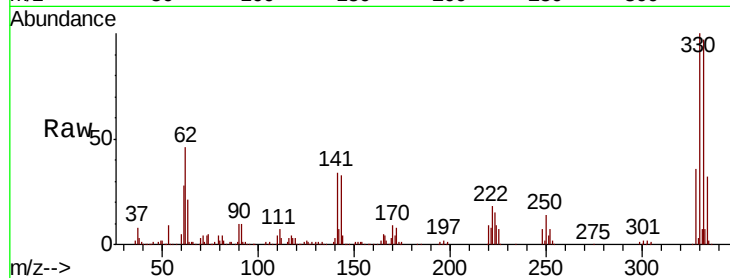




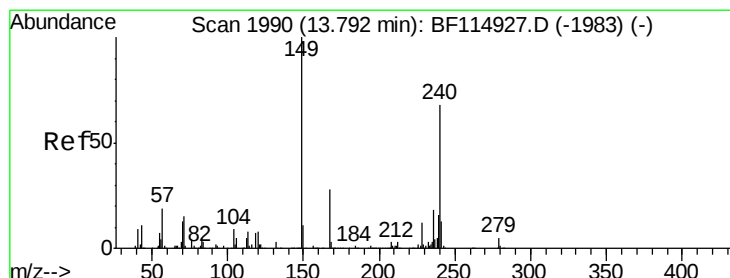
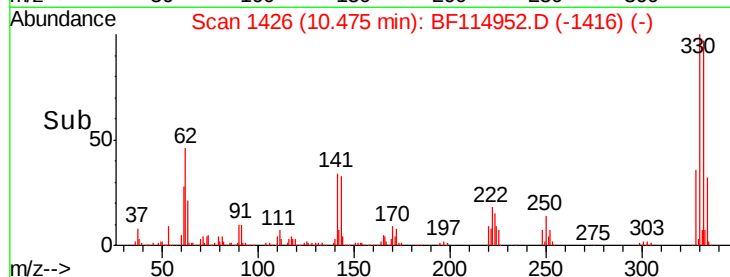
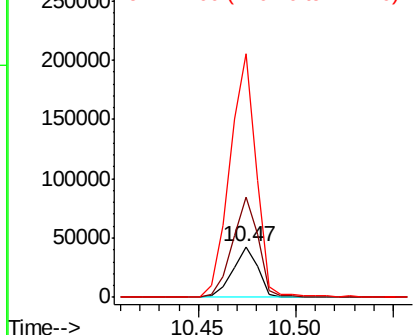
#67
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.24 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 38605
Ion Ratio Lower Upper
248 100
250 195.6 77.4 116.0#
141 477.9 61.8 92.6#

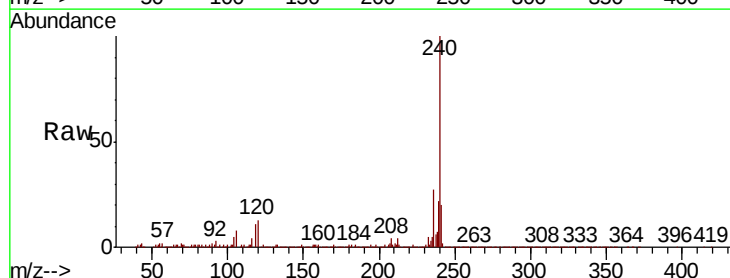


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

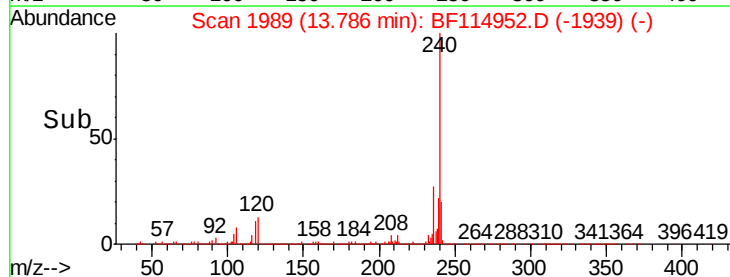
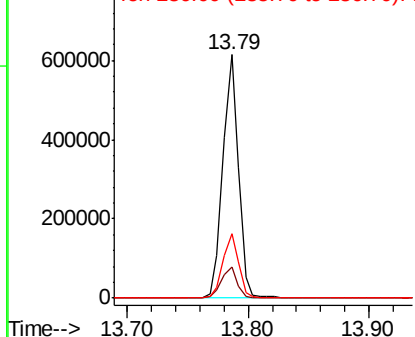


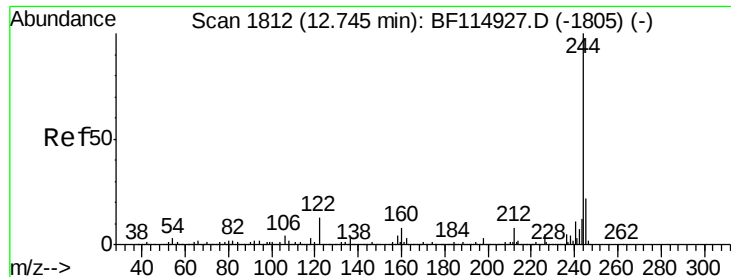
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Tgt Ion:240 Resp: 544686
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.6 21.7 32.5



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: 84.622 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampled :

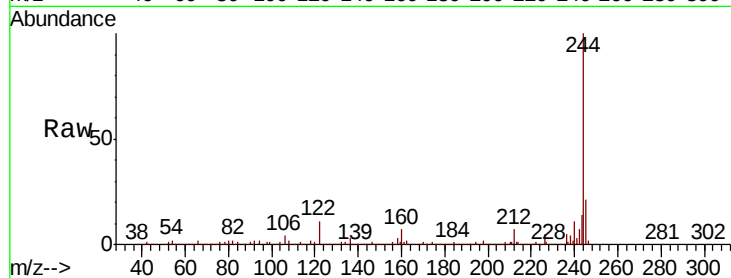
Tot Ion:244 Resp: 2317696

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

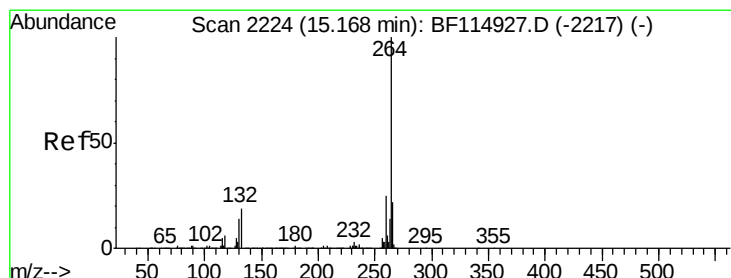
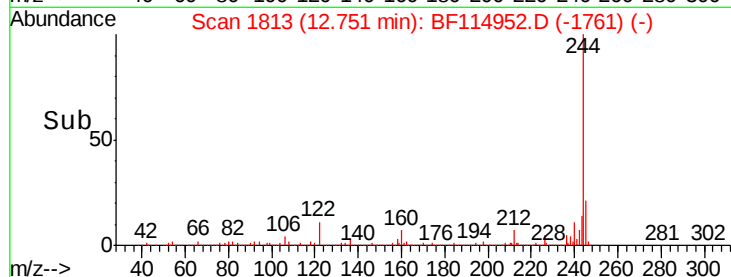
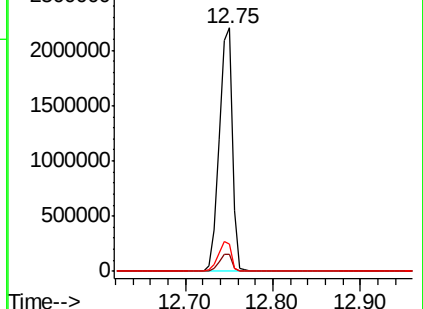
122 11.2 10.2 15.4



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: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

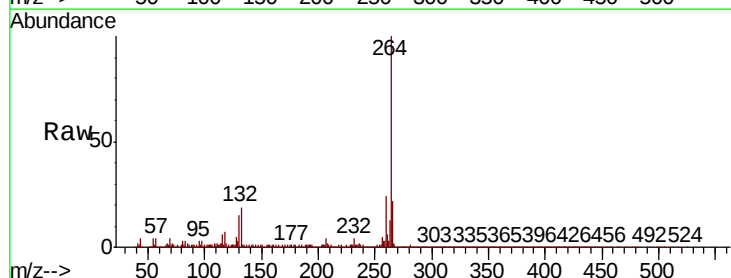
Tgt Ion:264 Resp: 516995

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.5 17.5 26.3



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

