

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114939.D
 Acq On : 11 Jun 2019 11:59
 Operator : HP/JU
 Sample : PB120177BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 12:57:03 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

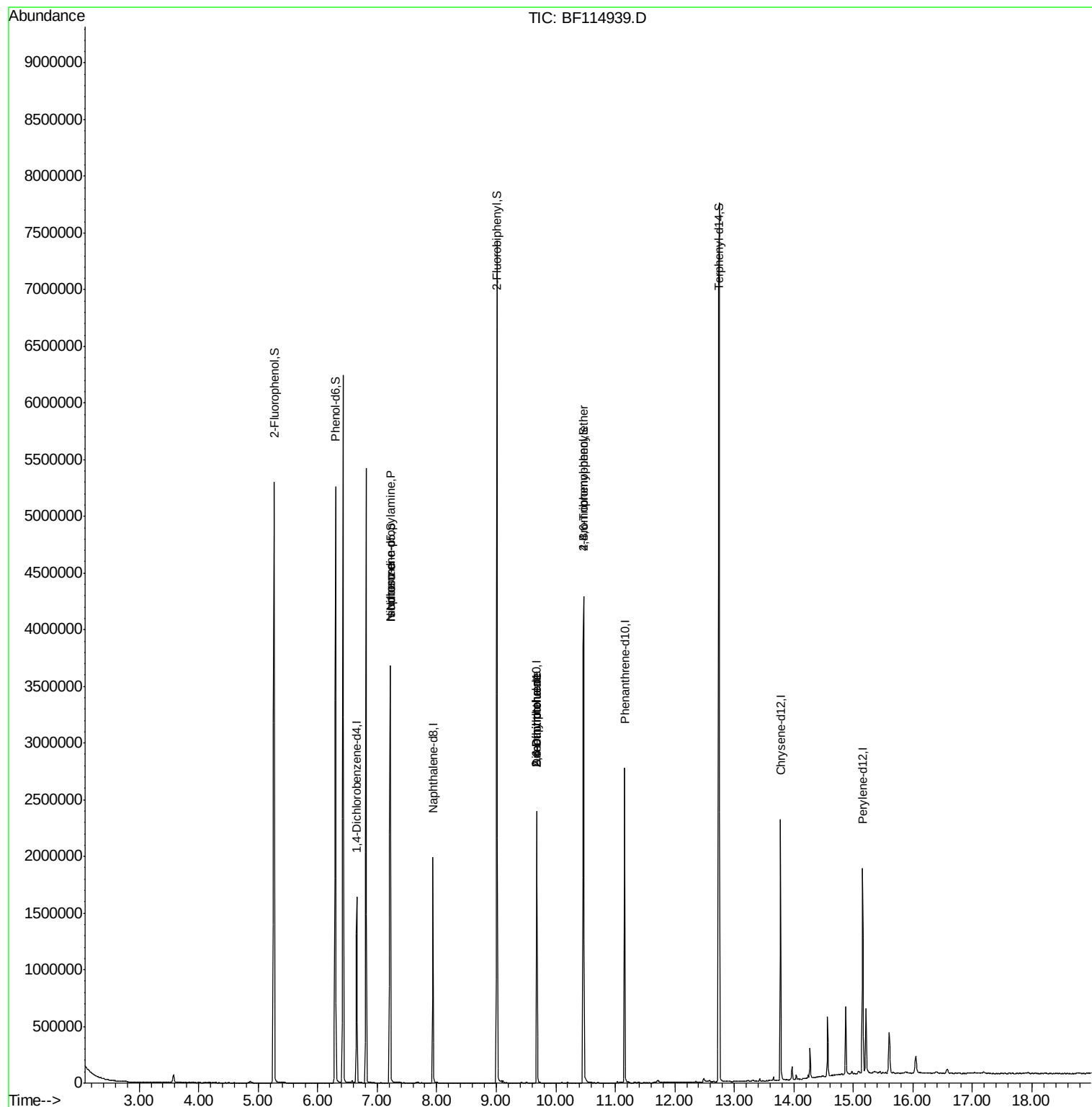
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	244111	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	930989	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	464021	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	948011	20.00	ng	0.00
76) Chrysene-d12	13.77	240	781070	20.00	ng	-0.02
87) Perylene-d12	15.16	264	769120	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1785538	123.79	ng	0.00
7) Phenol-d6	6.30	99	2192193	126.00	ng	0.00
23) Nitrobenzene-d5	7.22	82	1360374	89.78	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	579278	114.76	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2475224	84.66	ng	0.00
79) Terphenyl-d14	12.74	244	3063942	78.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	179591	16.508	ng	# 76
25) Isophorone	7.22	82	1348460	45.446	ng	# 62
50) Dimethylphthalate	9.69	163	130084	3.730	ng	# 1
51) 2,6-Dinitrotoluene	9.68	165	60327	7.531	ng	# 29
57) 2,4-Dinitrotoluene	9.68	165	60327	5.958	ng	# 26
67) 4-Bromophenyl-phenylether	10.47	248	36938	3.597	ng	# 1

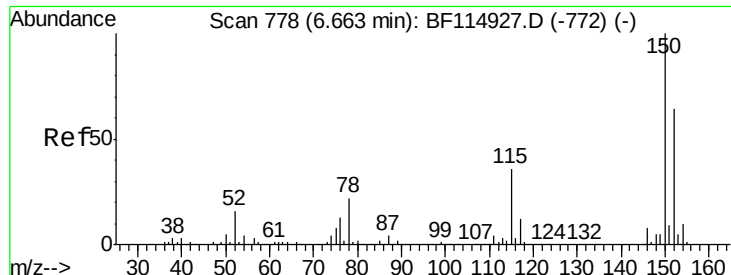
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Jun 11 12:57:03 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



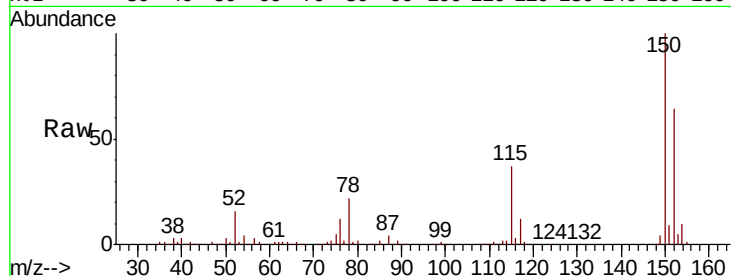


#1

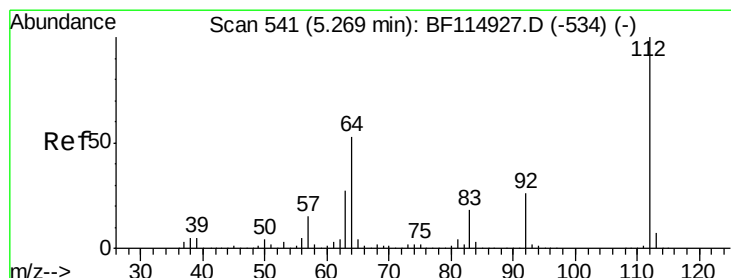
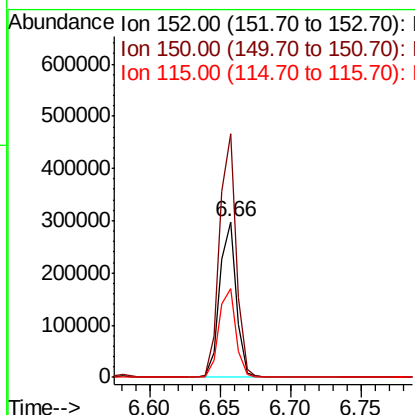
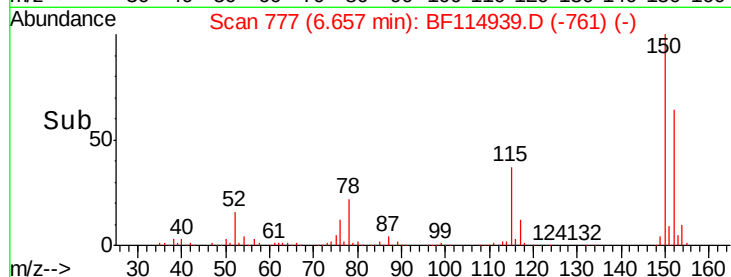
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 244111
Ion Ratio Lower Upper
152 100
150 156.2 125.2 187.8
115 57.1 45.0 67.4



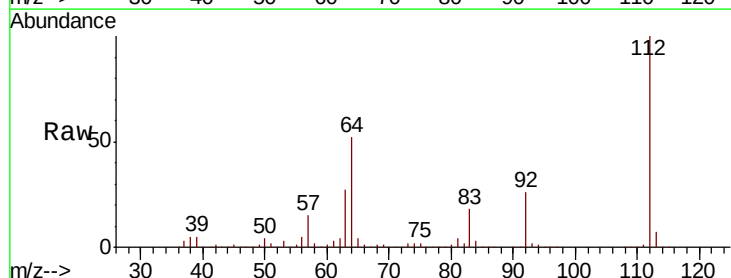
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



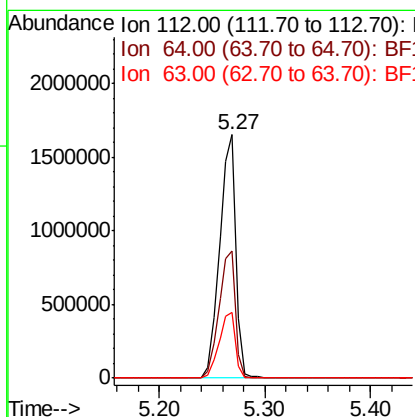
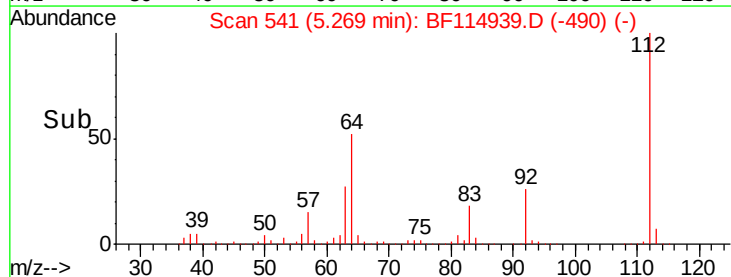
#5

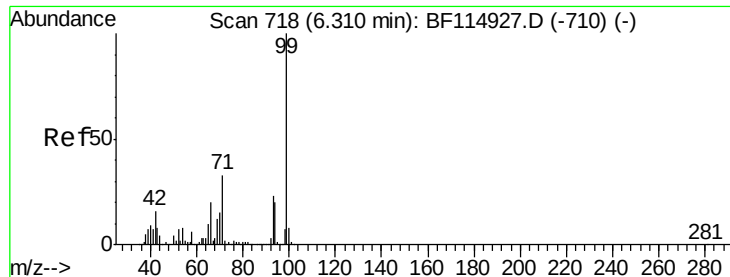
2-Fluorophenol
Concen: 123.791 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Tgt Ion:112 Resp: 1785538
Ion Ratio Lower Upper
112 100
64 52.2 42.1 63.1
63 26.9 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: 126.003 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampled :

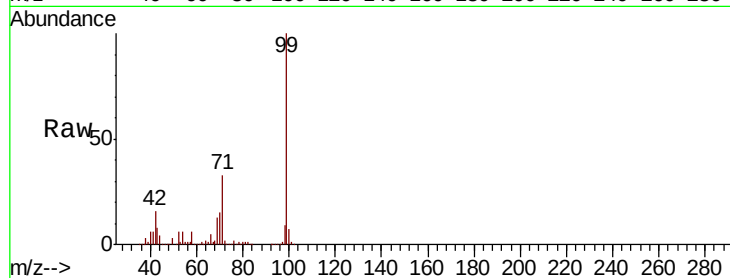
Tot Ion: 99 Resp: 2192193

Ion Ratio Lower Upper

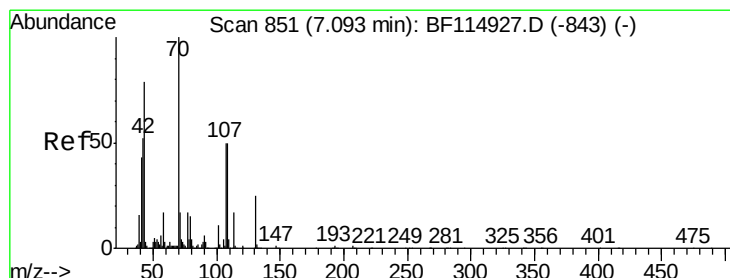
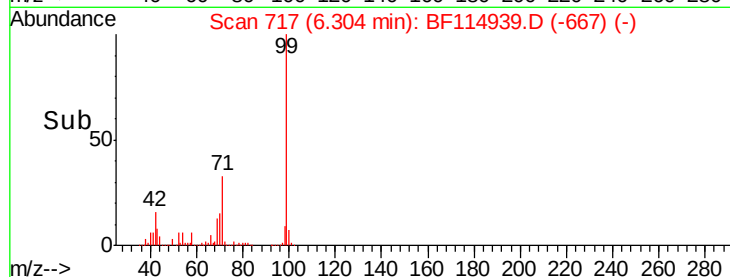
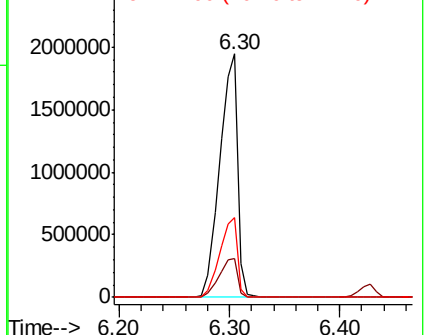
99 100

42 15.9 13.1 19.7

71 33.0 26.8 40.2



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: 16.508 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Tgt Ion: 70 Resp: 179591

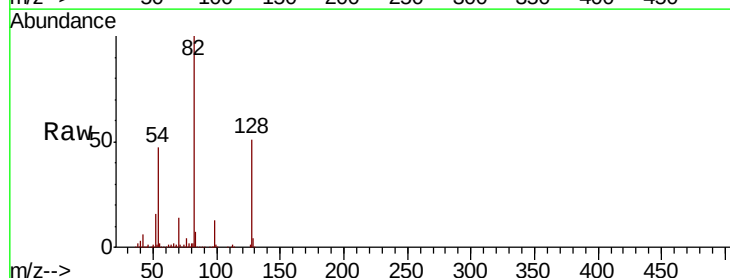
Ion Ratio Lower Upper

70 100

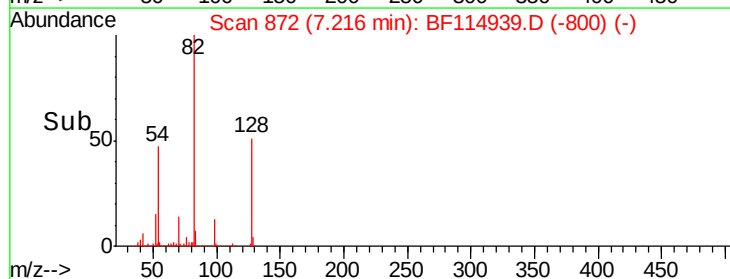
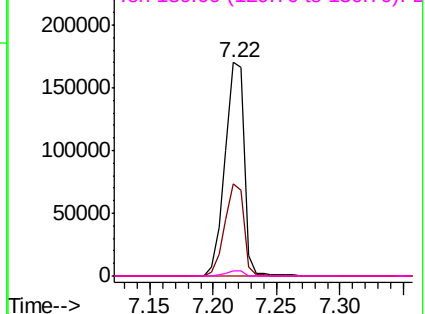
42 43.2 41.7 62.5

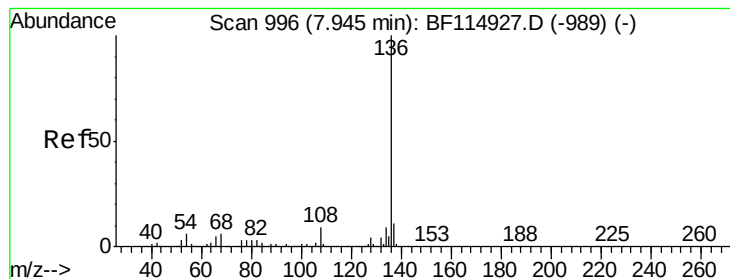
101 0.0 8.4 12.6#

130 2.3 19.9 29.9#



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: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 930989

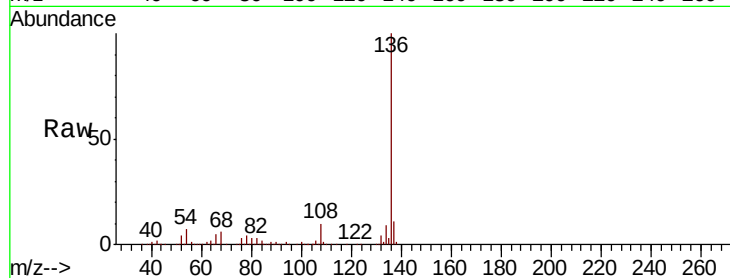
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.3 5.2 7.8

68 6.2 4.6 7.0

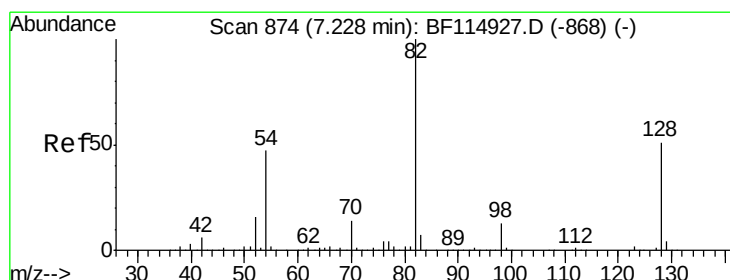
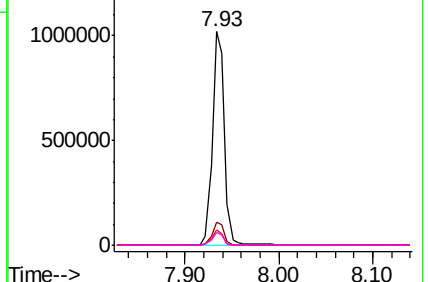
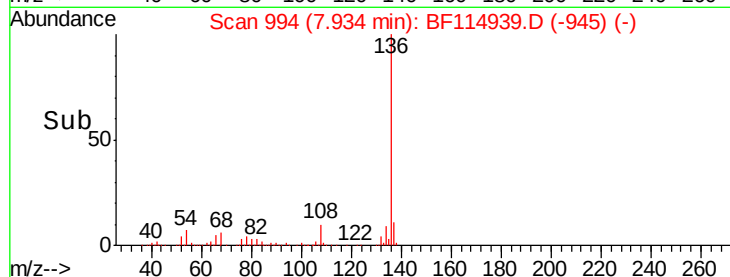


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.780 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

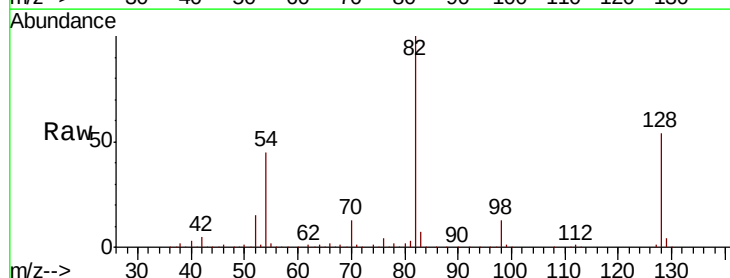
Tgt Ion: 82 Resp: 1360374

Ion Ratio Lower Upper

82 100

128 54.4 40.9 61.3

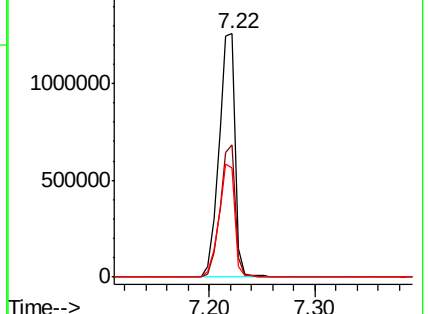
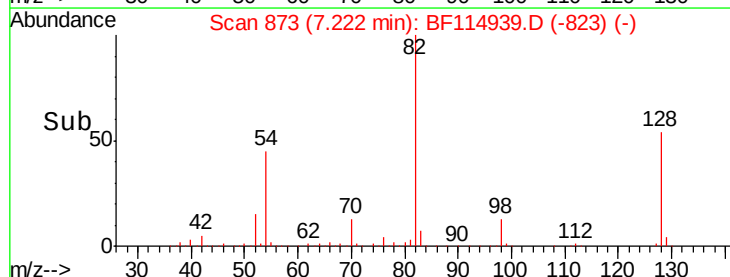
54 44.7 37.4 56.0

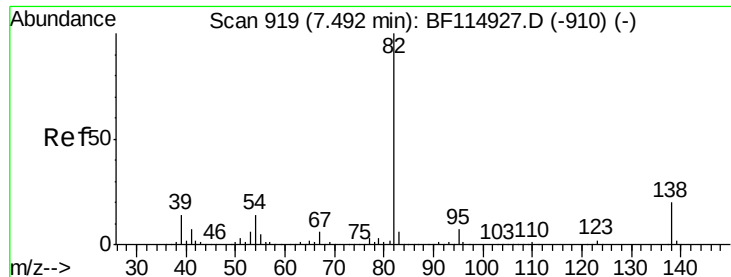


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.446 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.27 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampleId :

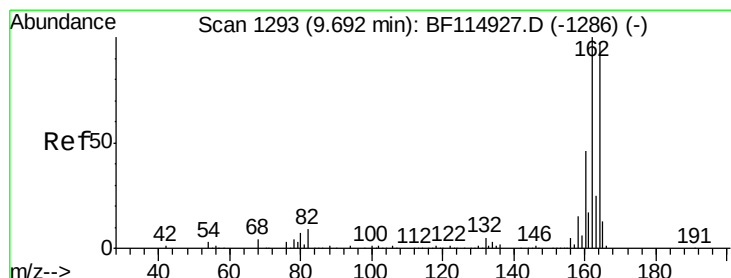
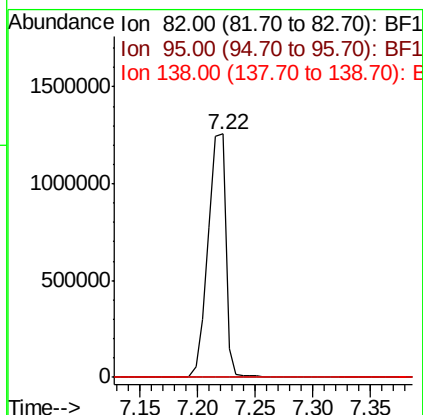
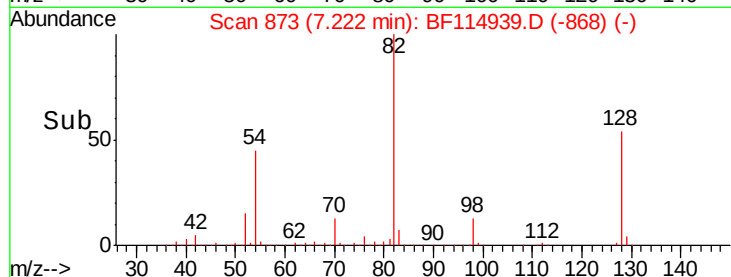
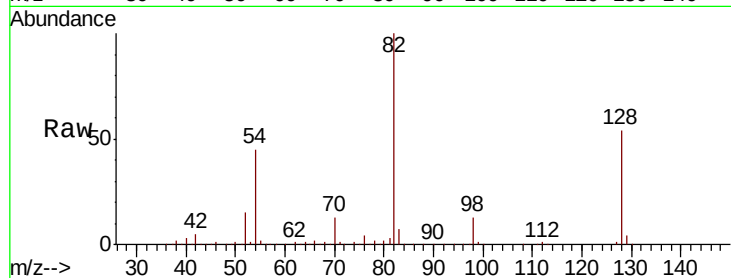
Tot Ion: 82 Resp: 1348460

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 16.4 24.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

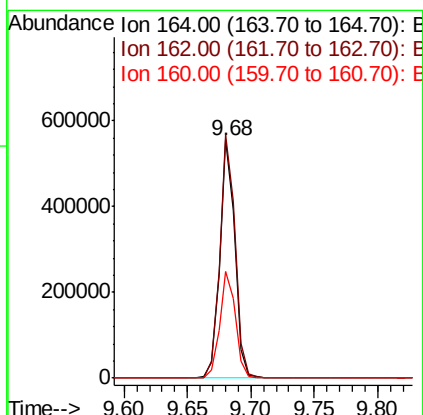
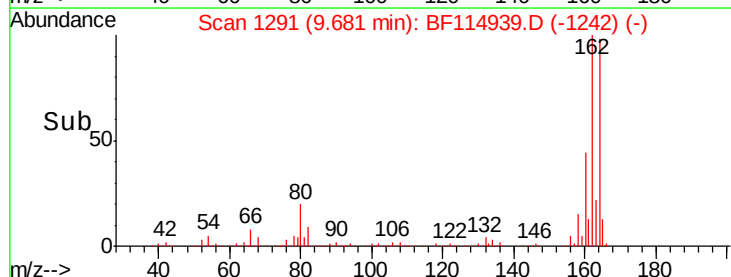
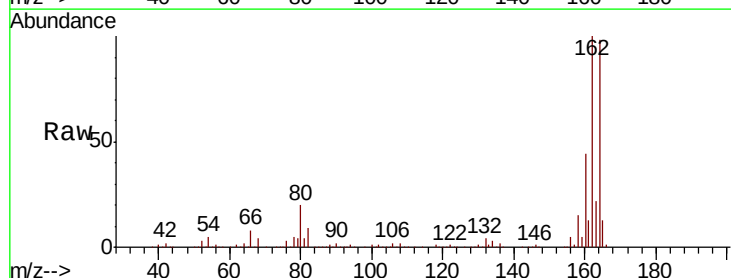
Tgt Ion: 164 Resp: 464021

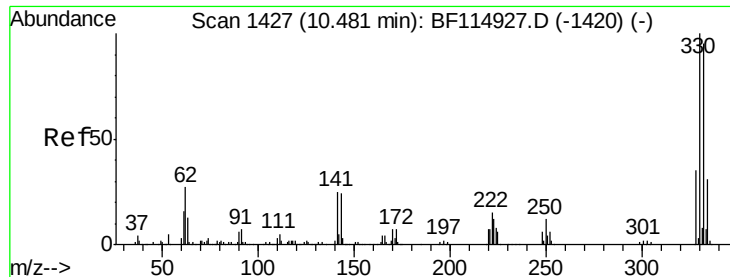
Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

160 44.7 37.5 56.3

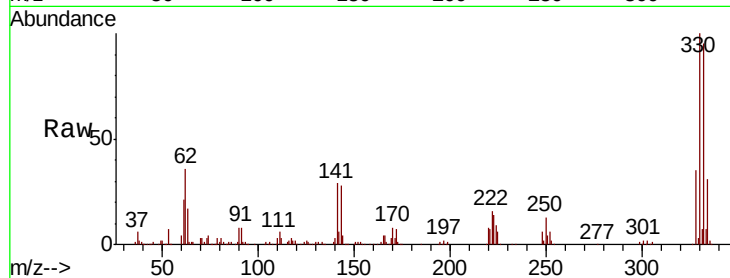




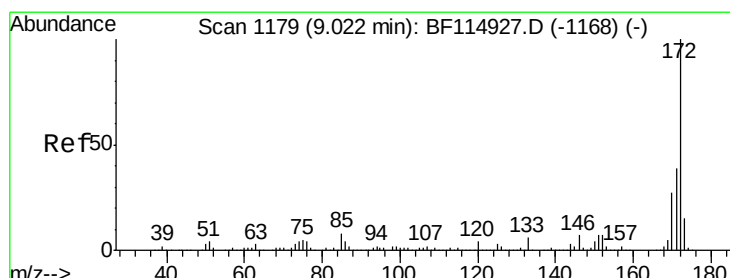
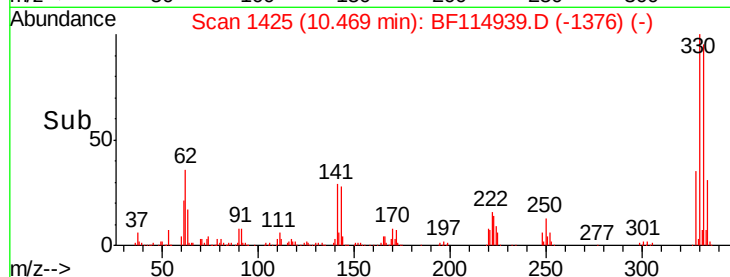
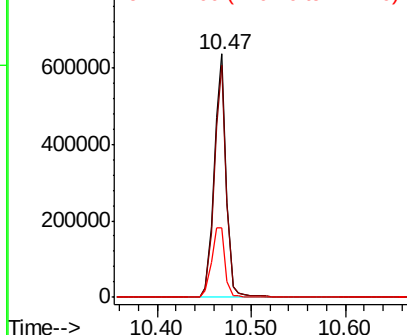
#42
 2,4,6-Tribromophenol
 Concen: 114.761 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114939.D
 Acq: 11 Jun 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.4	114.6
141	32.9	26.8	40.2

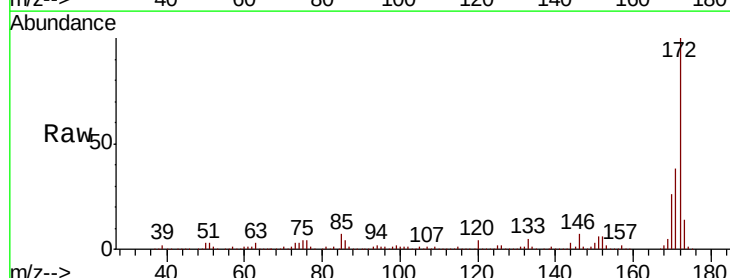


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

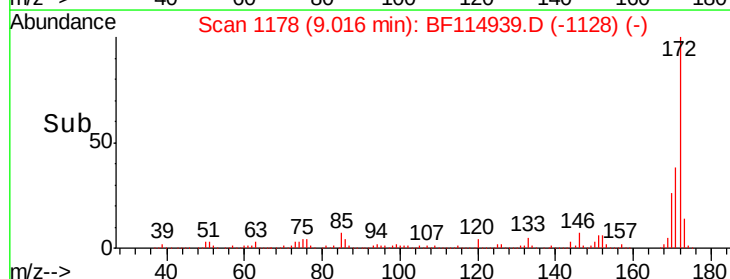
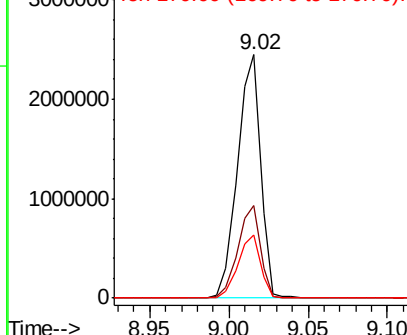


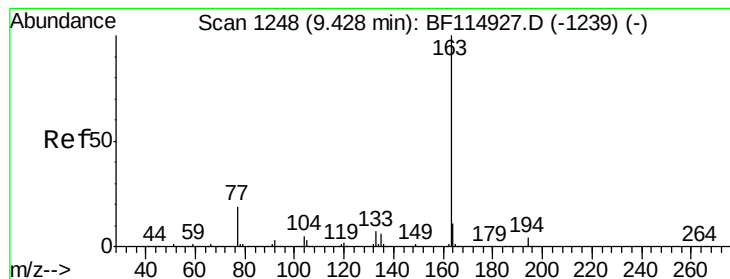
#45
 2-Fluorobiphenyl
 Concen: 84.659 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF114939.D
 Acq: 11 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	26.1	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: 3.730 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.26 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampleId :

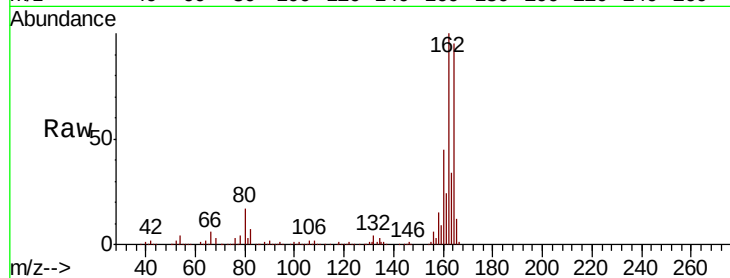
Tot Ion:163 Resp: 130084

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

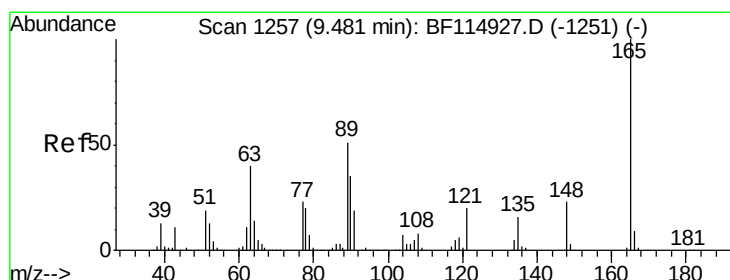
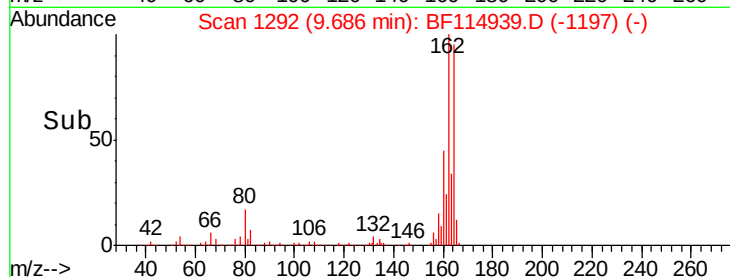
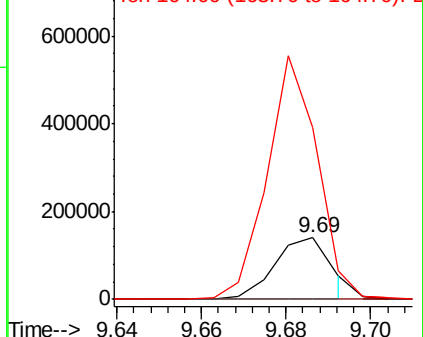
164 280.6 8.7 13.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.531 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.20 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

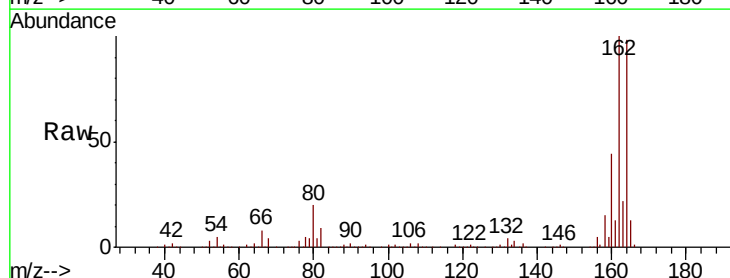
Tgt Ion:165 Resp: 60327

Ion Ratio Lower Upper

165 100

63 1.1 38.3 57.5#

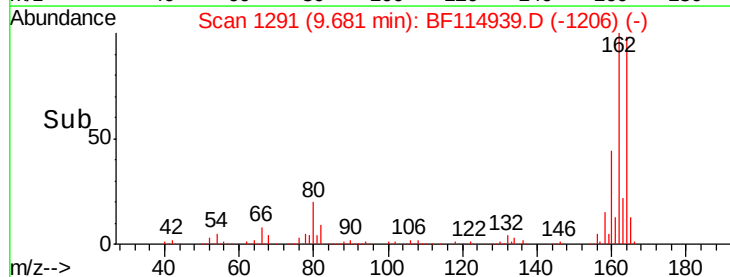
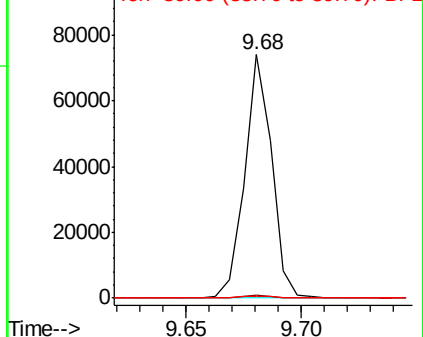
89 0.8 40.8 61.2#

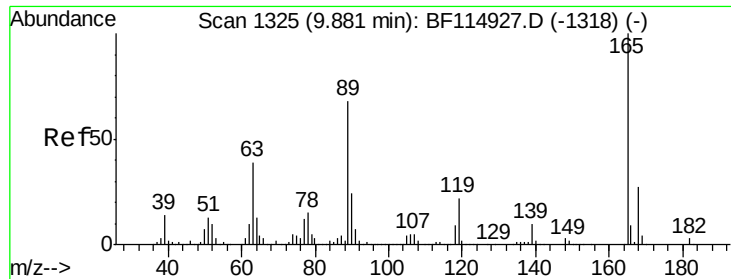


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

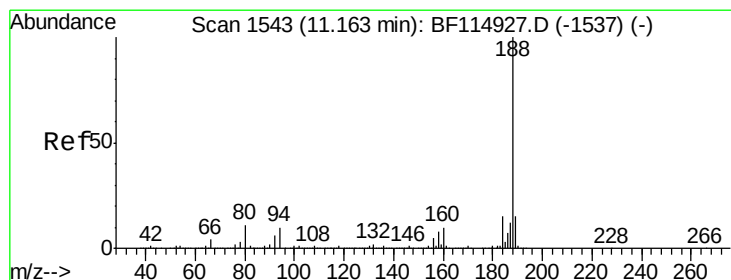
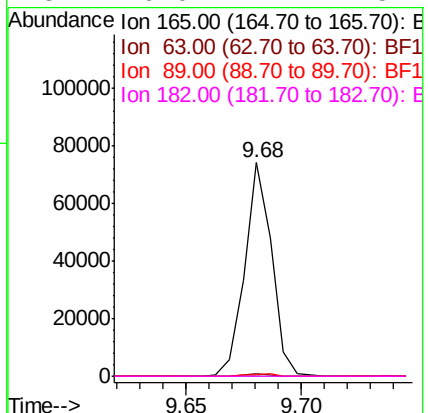
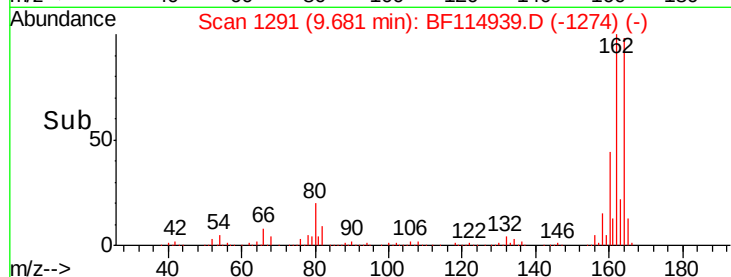
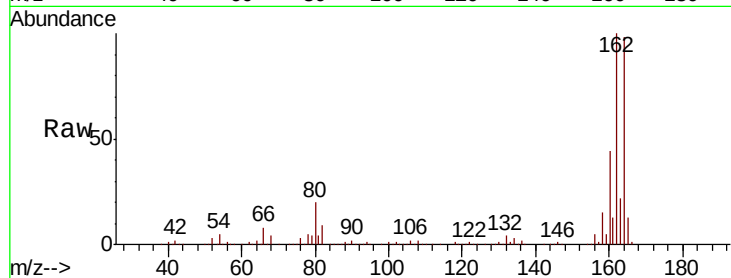




#57
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.20 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

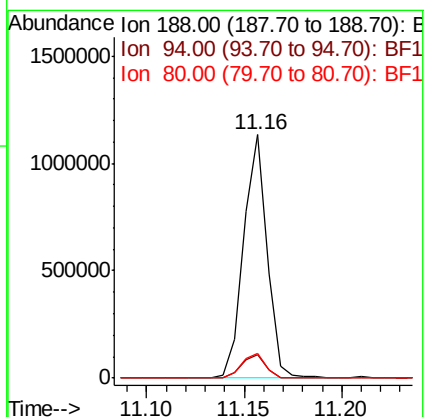
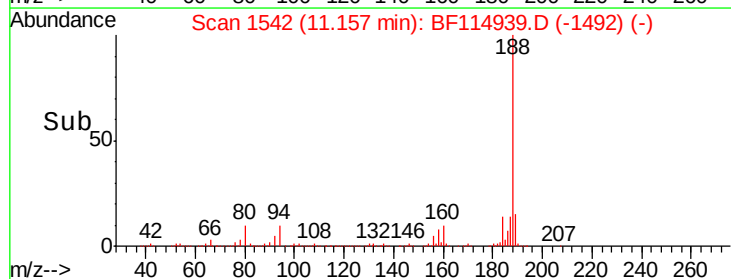
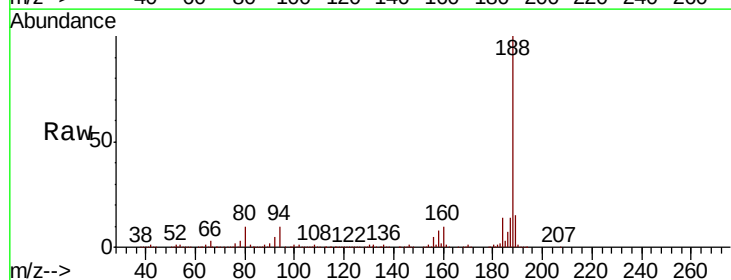
Instrument :
BNA_F
ClientSampleId :

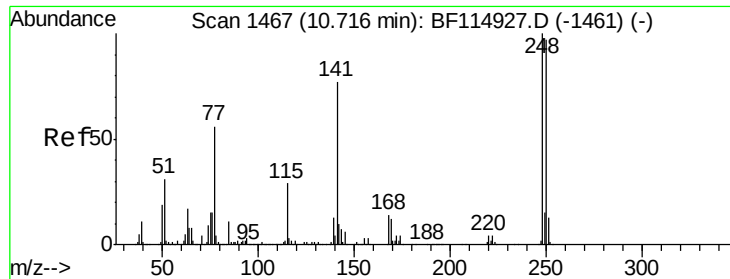
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.8	47.6#
89	0.8	54.2	81.2#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.1	8.6	12.8

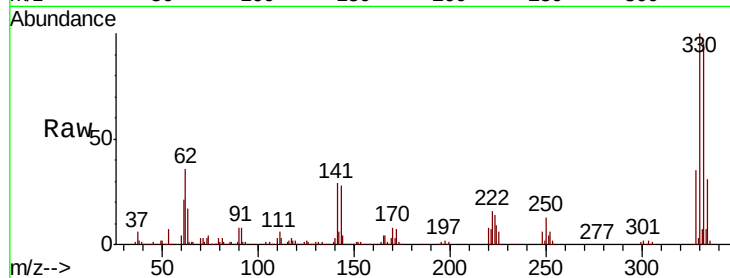




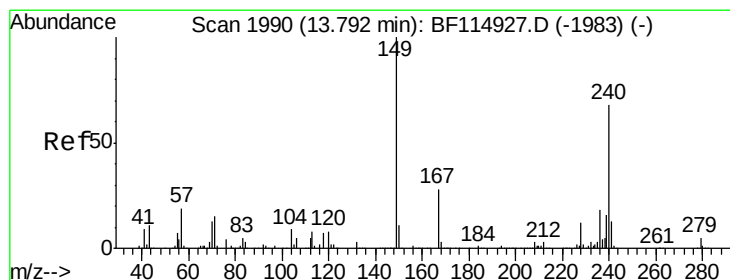
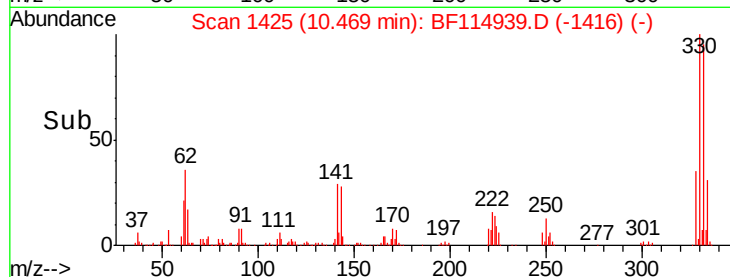
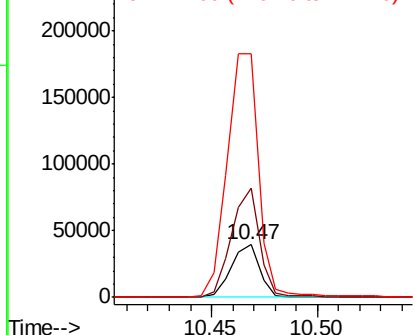
#67
4-Bromophenyl-phenylether
Concen: 3.597 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 36938
Ion Ratio Lower Upper
248 100
250 207.1 77.4 116.0#
141 463.5 61.8 92.6#

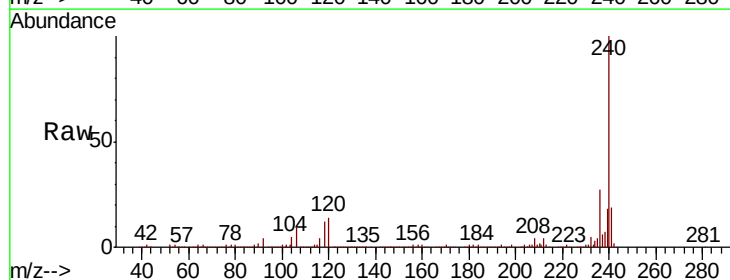


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

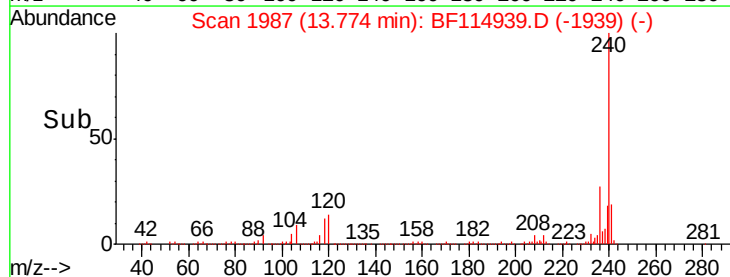
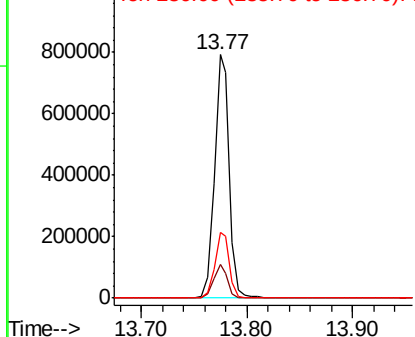


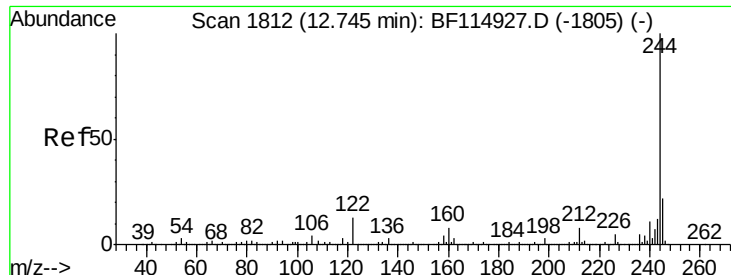
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Tgt Ion:240 Resp: 781070
Ion Ratio Lower Upper
240 100
120 13.9 9.2 13.8#
236 27.1 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

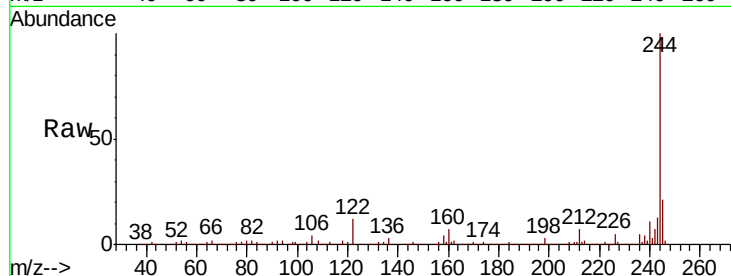




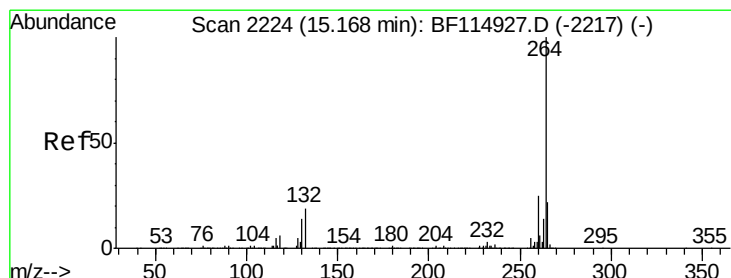
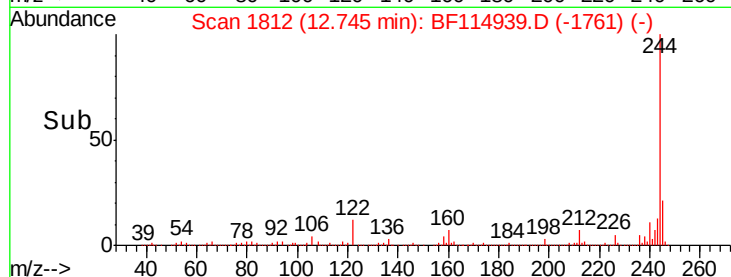
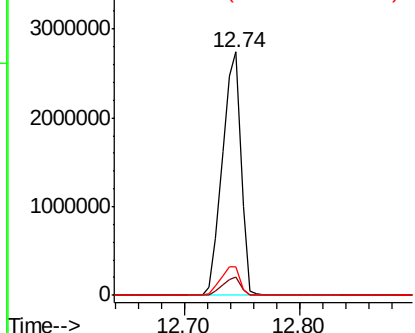
#79
 Terphenyl-d14
 Concen: 78.012 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114939.D
 Acq: 11 Jun 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3063942
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.8 10.2 15.4

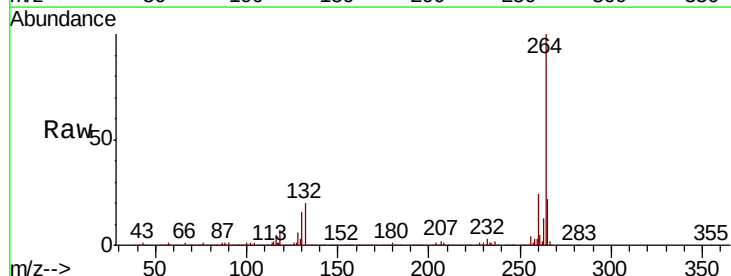


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF114939.D
 Acq: 11 Jun 2019 11:59

Tgt Ion:264 Resp: 769120
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 21.7 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

