

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116952.D
 Acq On : 11 Sep 2019 18:00
 Operator : HP/JU
 Sample : K4495-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:03:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

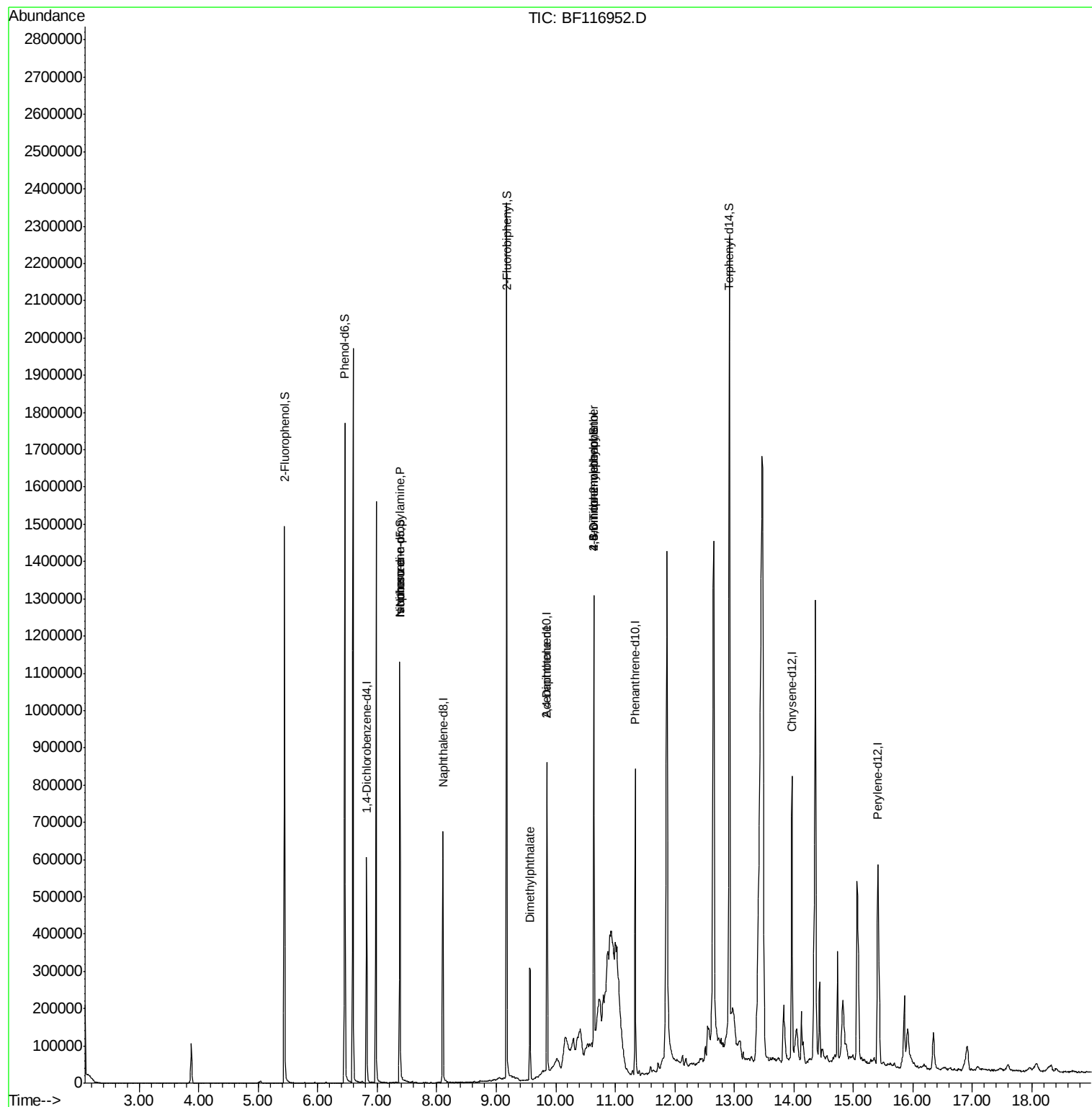
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82987	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	338278	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	170296	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	283245	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	240503	20.00	ng	-0.02
87) Perylene-d12	15.41	264	252008	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	463775	90.54	ng	0.00
7) Phenol-d6	6.46	99	631259	93.85	ng	-0.02
23) Nitrobenzene-d5	7.38	82	395020	66.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	118049	103.69	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	683117	67.67	ng	-0.02
79) Terphenyl-d14	12.92	244	682329	52.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	51157	11.551	ng	# 71
25) Isophorone	7.38	82	395014	32.898	ng	# 66
50) Dimethylphthalate	9.57	163	127961	10.884	ng	# 98
57) 2,4-Dinitrotoluene	9.85	165	21442	7.817	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.64	198	126	7.553	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	7724	2.684	ng	# 1

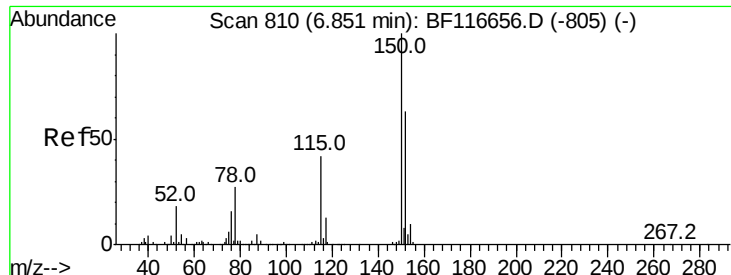
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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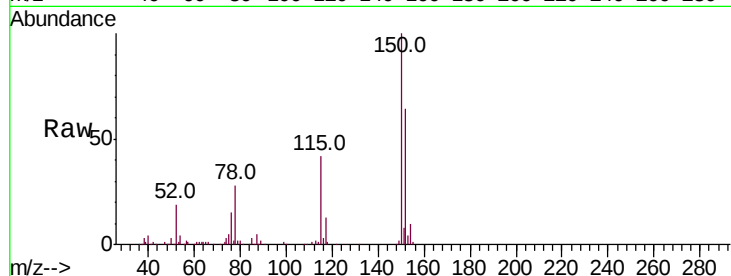


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116952.D
Acq: 11 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	64.6	49.9	74.9

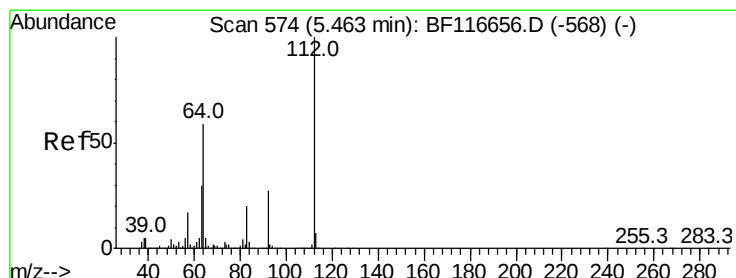
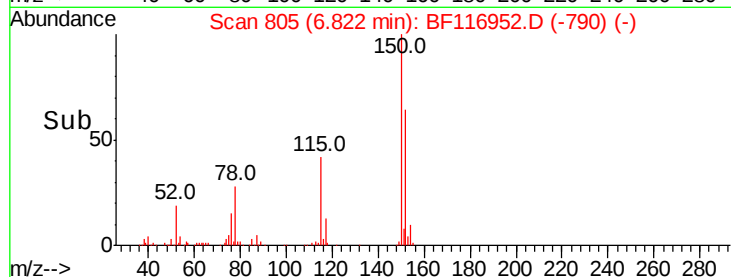
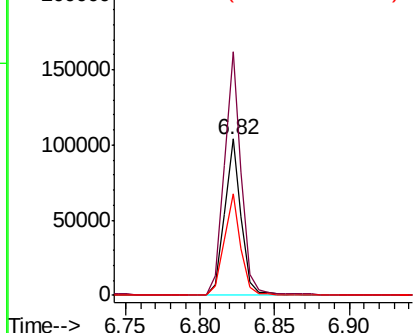


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

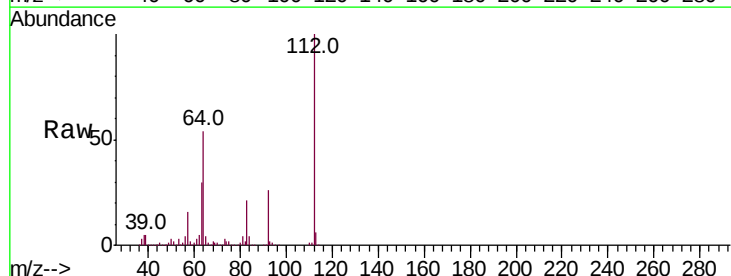
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.537 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF116952.D
Acq: 11 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.1	70.7
63	29.9	24.9	37.3

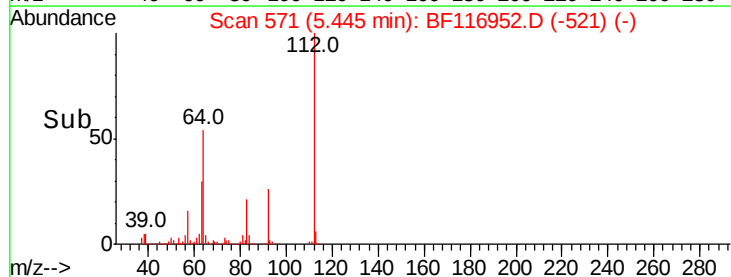
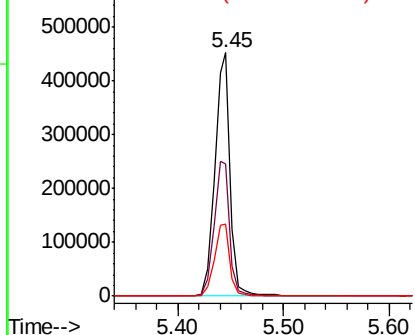


Abundance

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: 93.848 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

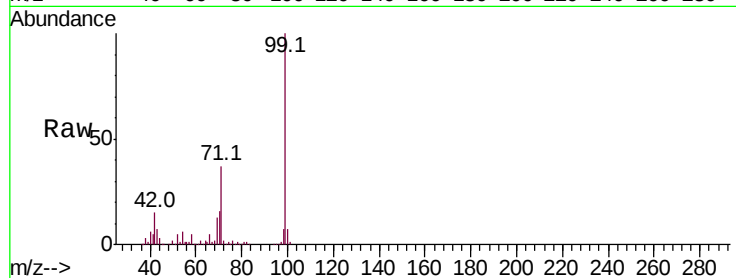
Tot Ion: 99 Resp: 631259

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

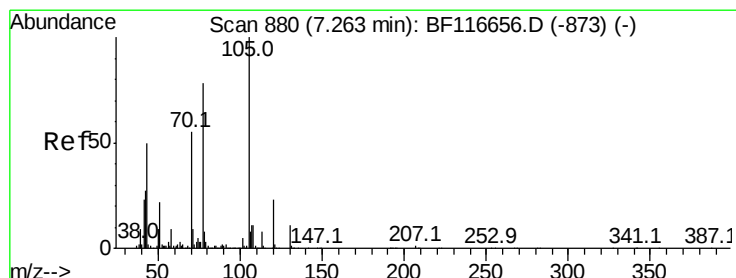
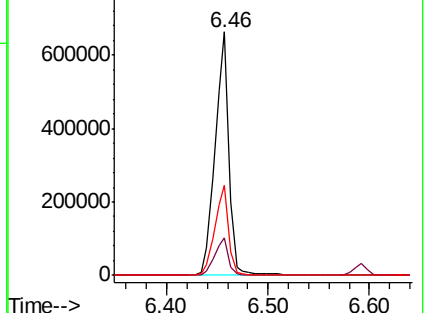
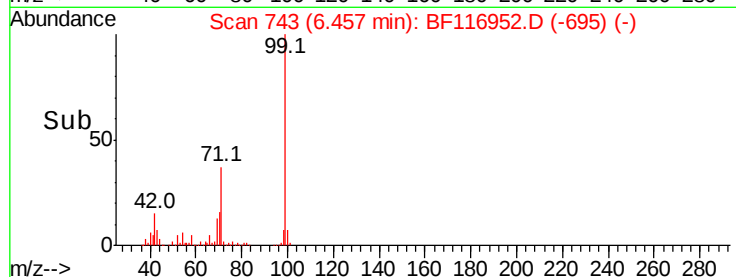
71 36.9 30.8 46.2



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: 11.551 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

Tgt Ion: 70 Resp: 51157

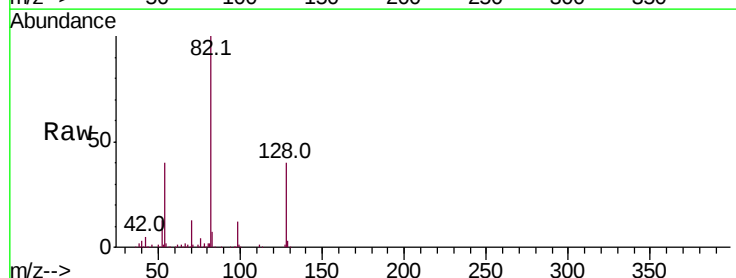
Ion Ratio Lower Upper

70 100

42 36.5 43.5 65.3#

101 0.0 7.8 11.6#

130 1.7 16.6 24.8#

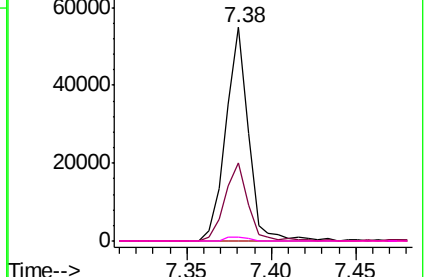
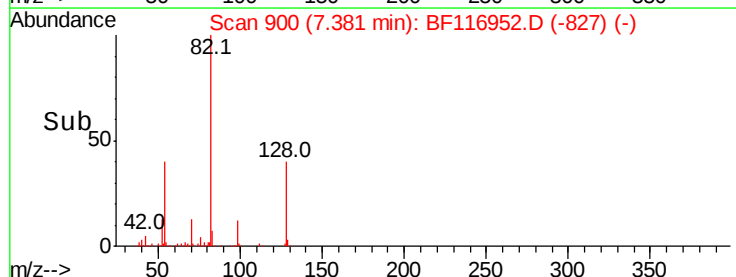


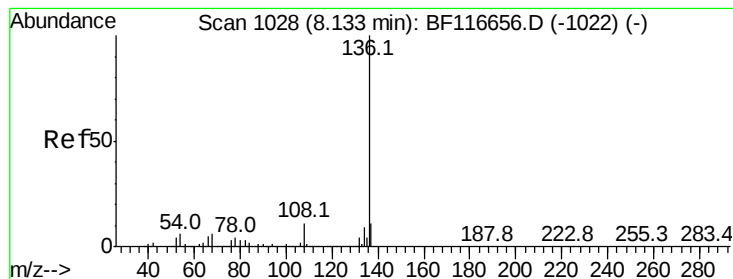
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 338278

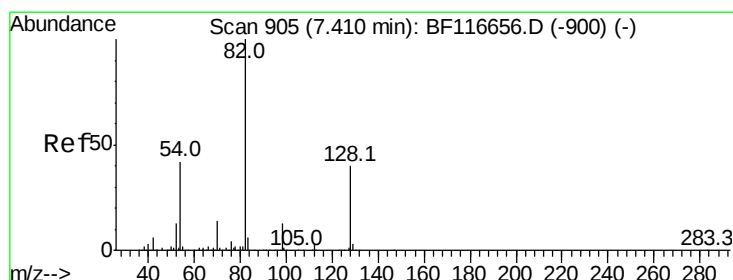
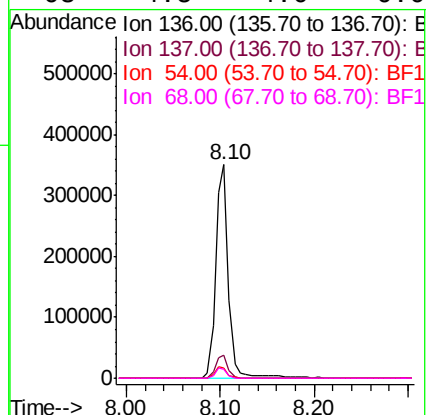
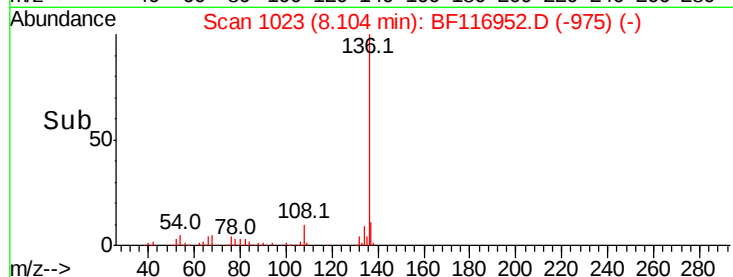
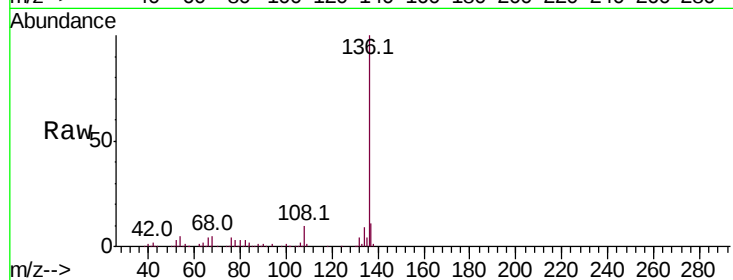
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 4.7 4.8 7.2#

68 4.5 4.0 6.0



#23

Nitrobenzene-d5

Concen: 66.663 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

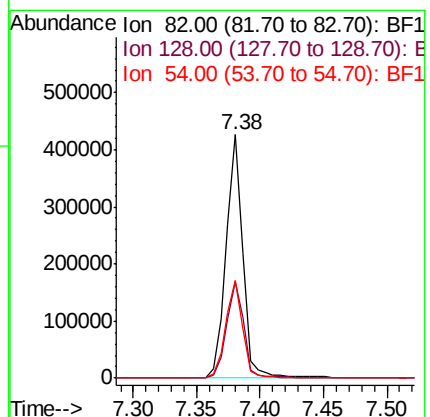
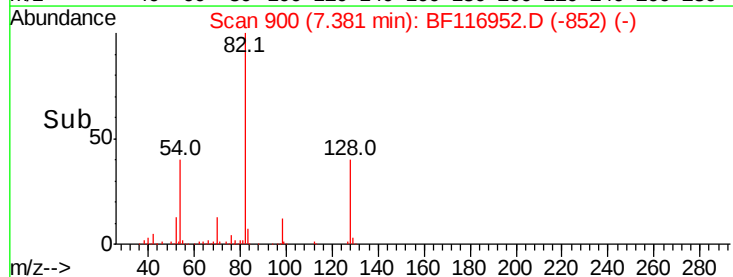
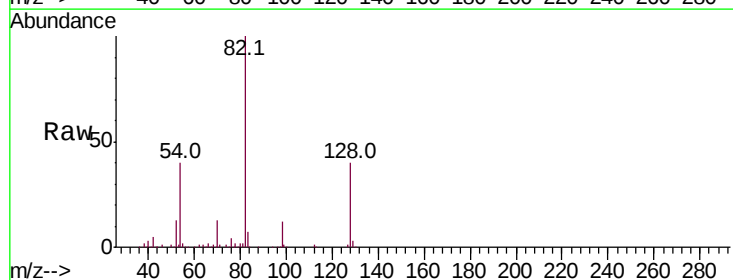
Tgt Ion: 82 Resp: 395020

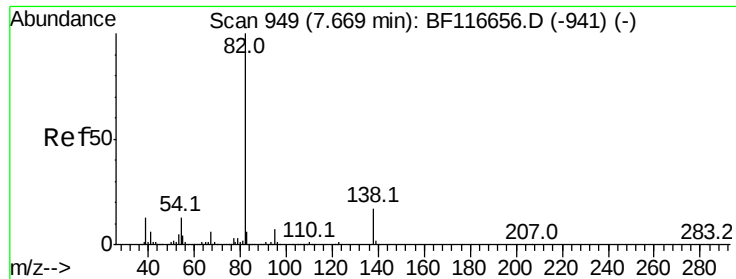
Ion Ratio Lower Upper

82 100

128 39.8 32.8 49.2

54 40.2 36.9 55.3





#25

Isophorone

Concen: 32.898 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

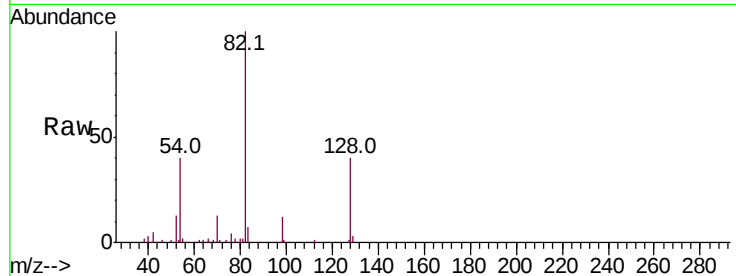
Tot Ion: 82 Resp: 395014

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

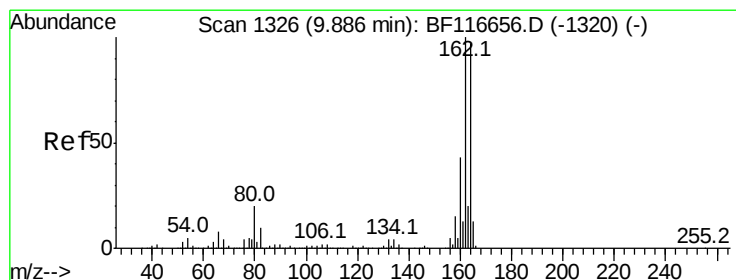
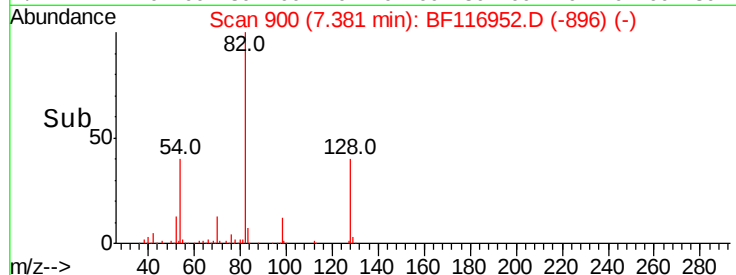
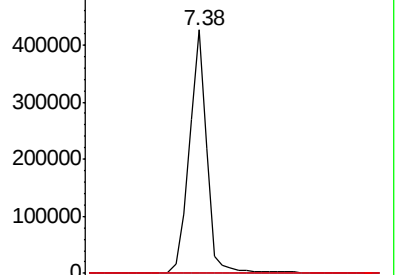
138 0.0 13.5 20.3#



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. -0.02 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

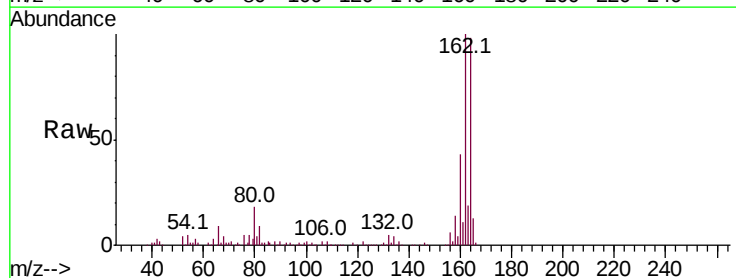
Tgt Ion: 164 Resp: 170296

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.0

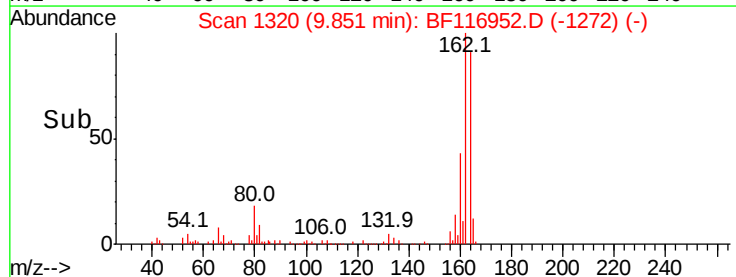
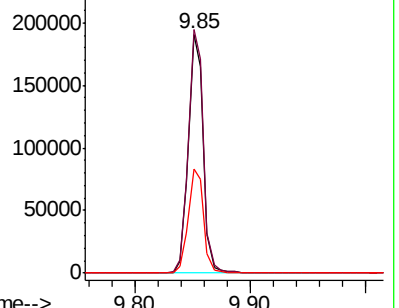
160 43.8 35.4 53.2

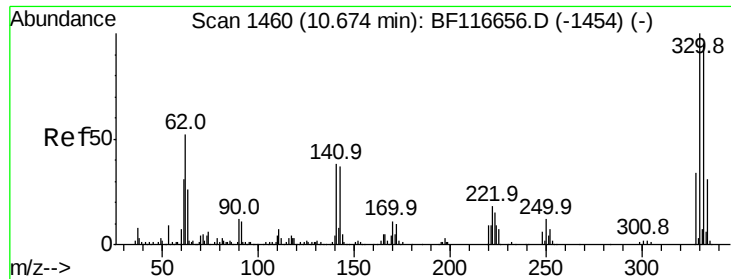


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

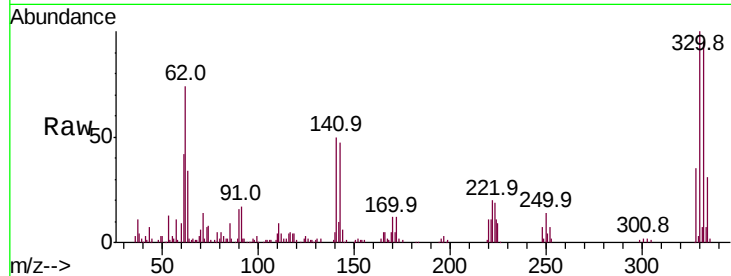




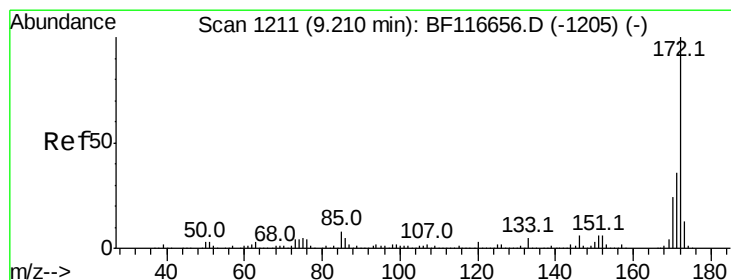
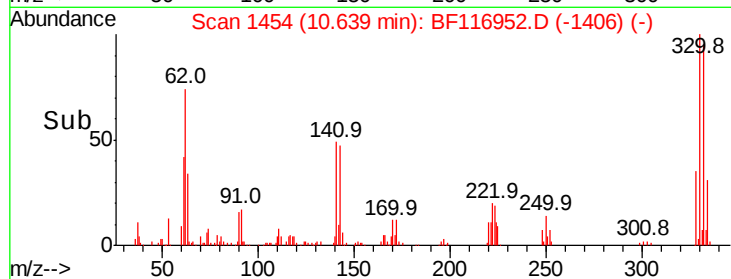
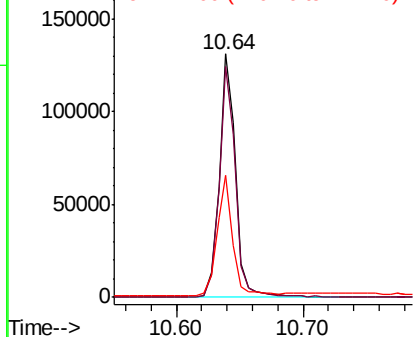
#42
 2,4,6-Tribromophenol
 Concen: 103.691 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116952.D
 Acq: 11 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 118049
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.9 115.3
 141 47.6 31.4 47.2#

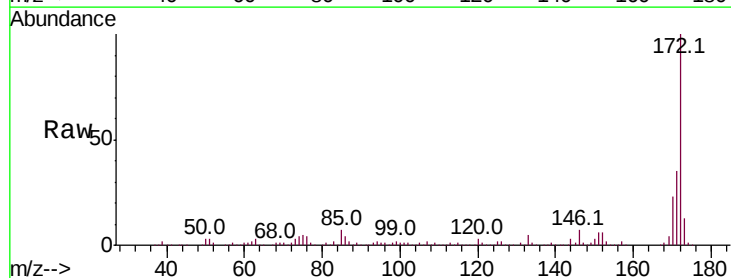


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

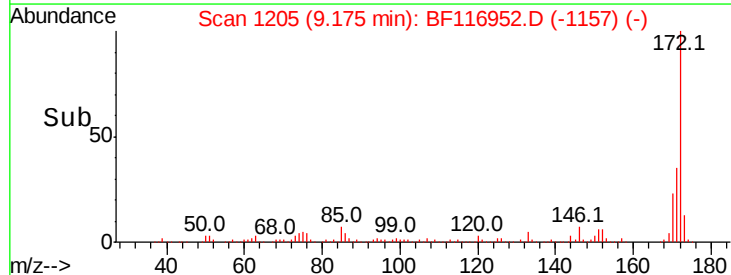
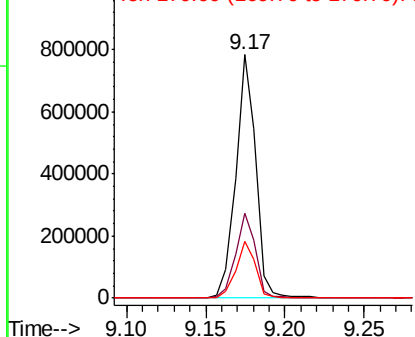


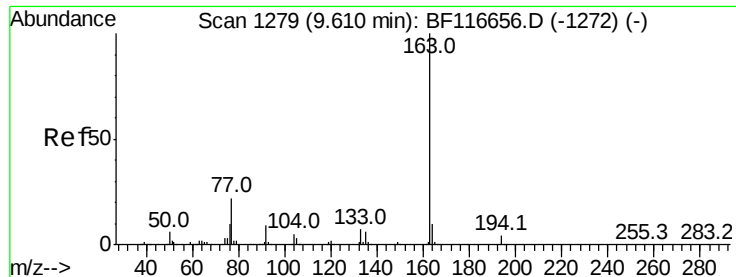
#45
 2-Fluorobiphenyl
 Concen: 67.667 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116952.D
 Acq: 11 Sep 2019 18:00

Tgt Ion:172 Resp: 683117
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.6
 170 23.1 18.9 28.3



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

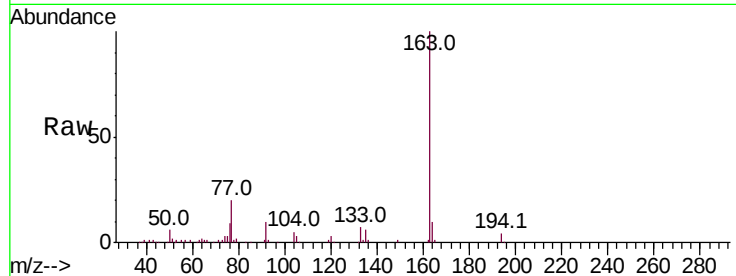




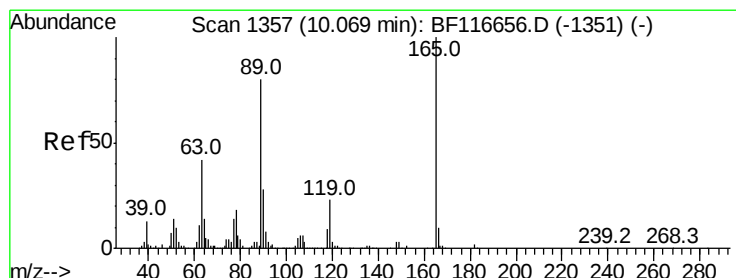
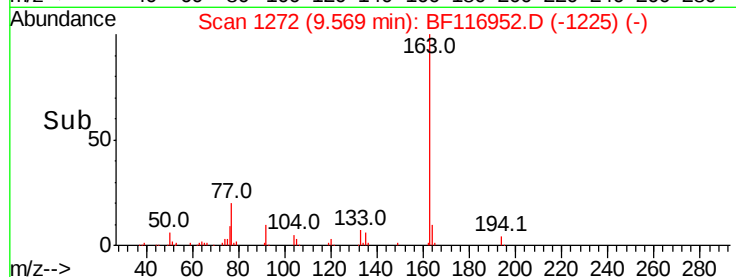
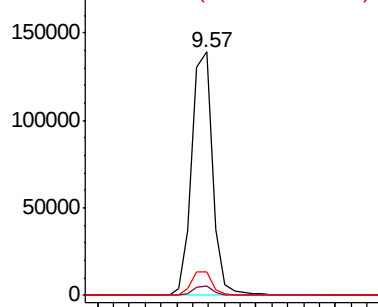
#50
Dimethylphthalate
Concen: 10.884 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF116952.D
Acq: 11 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.9	8.6	12.8

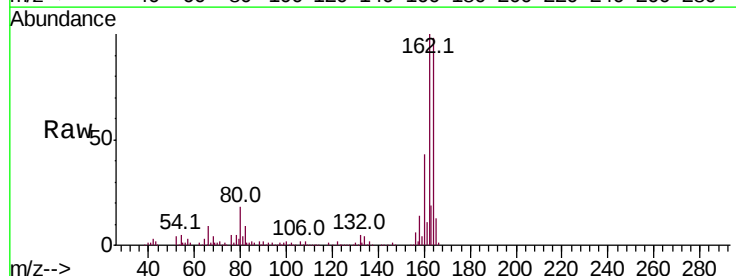


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

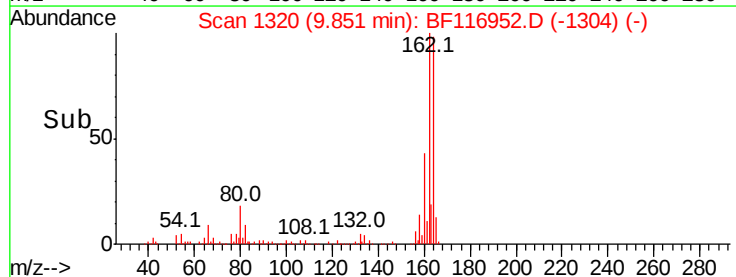
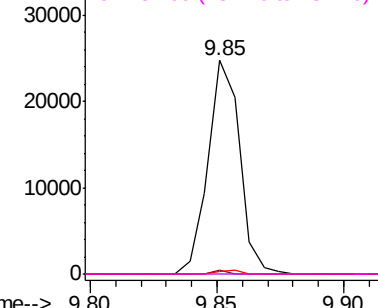


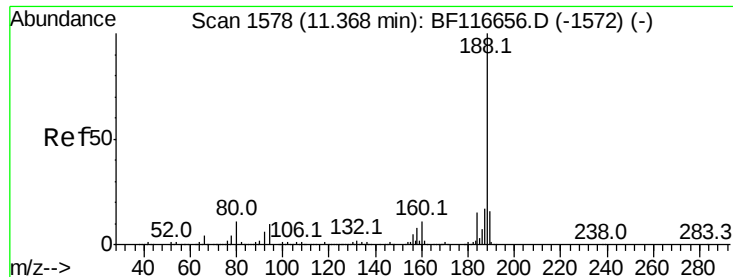
#57
2,4-Dinitrotoluene
Concen: 7.817 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF116952.D
Acq: 11 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#



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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

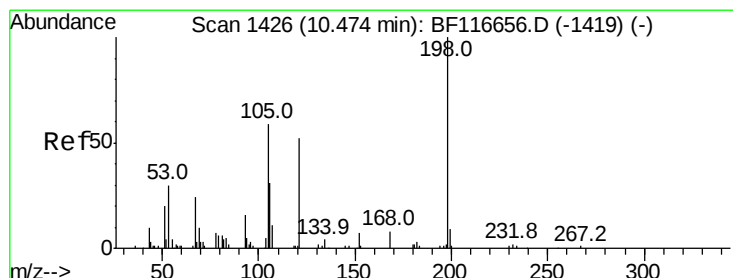
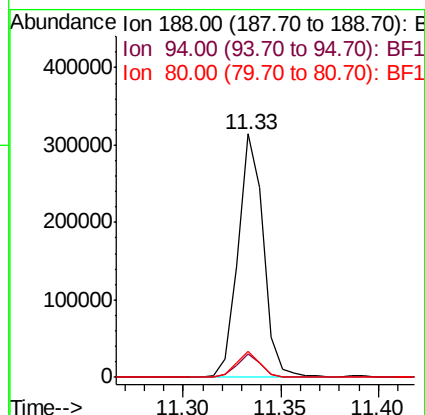
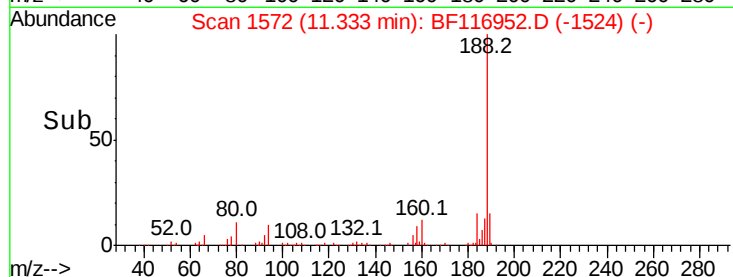
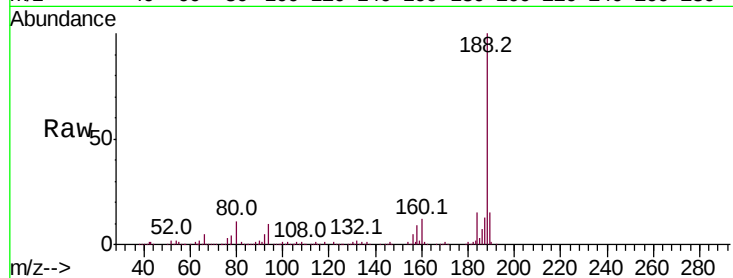
Tot Ion:188 Resp: 283245

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 10.9 8.4 12.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.553 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.17 min

Lab File: BF116952.D

Acq: 11 Sep 2019 18:00

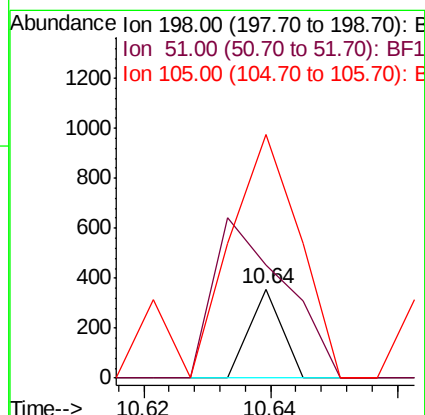
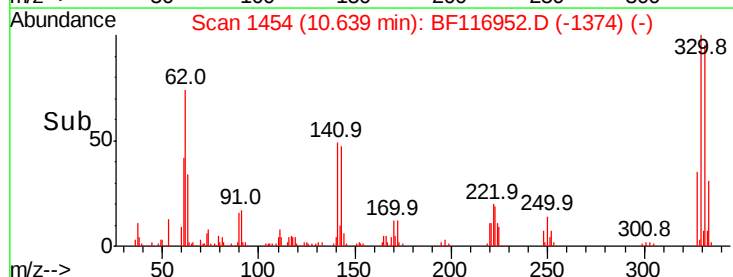
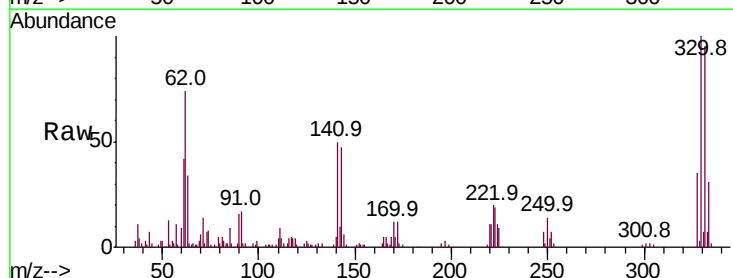
Tgt Ion:198 Resp: 126

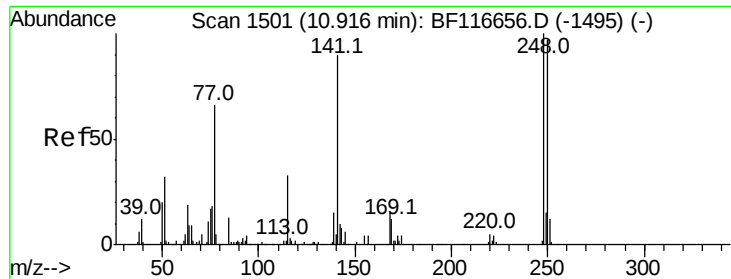
Ion Ratio Lower Upper

198 100

51 126.6 18.4 58.4#

105 273.1 22.9 62.9#

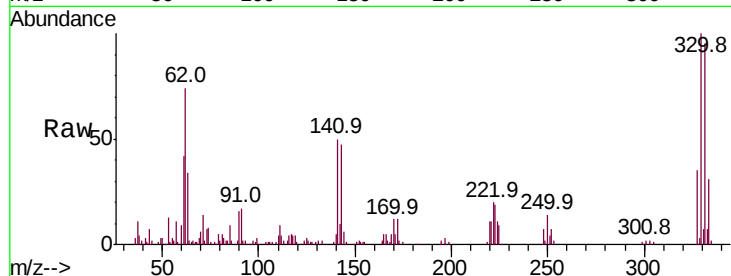




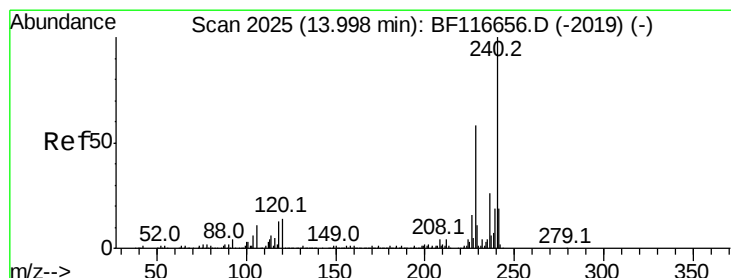
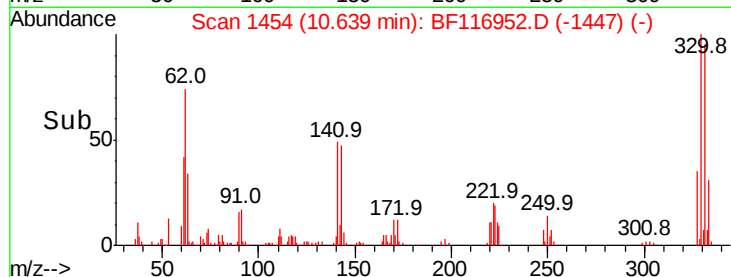
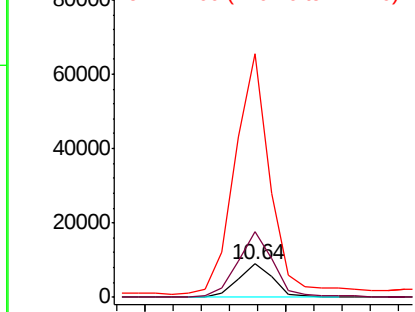
#67
4-Bromophenyl-phenylether
Concen: 2.684 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF116952.D
Acq: 11 Sep 2019 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7724
Ion Ratio Lower Upper
248 100
250 198.4 77.8 116.8#
141 728.9 75.9 113.9#

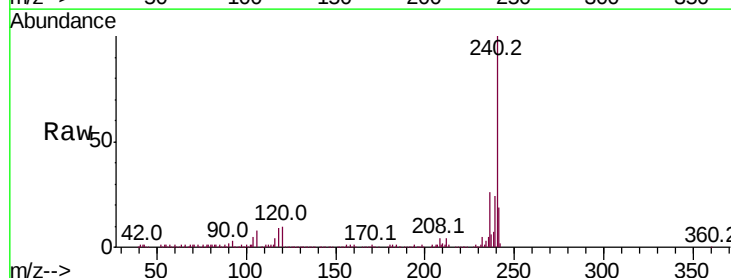


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

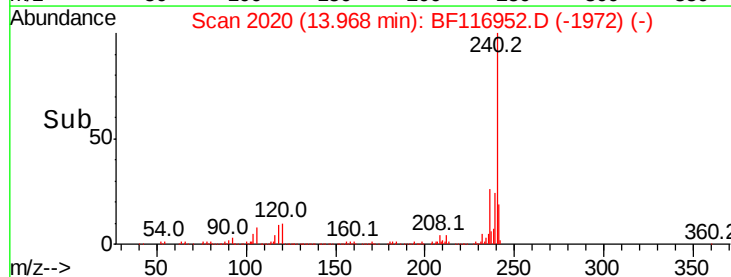
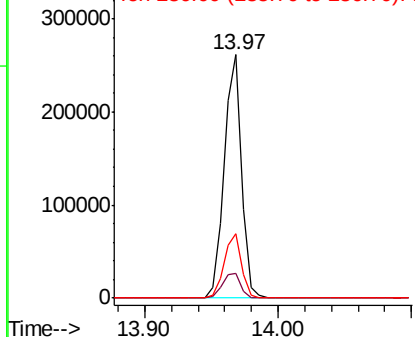


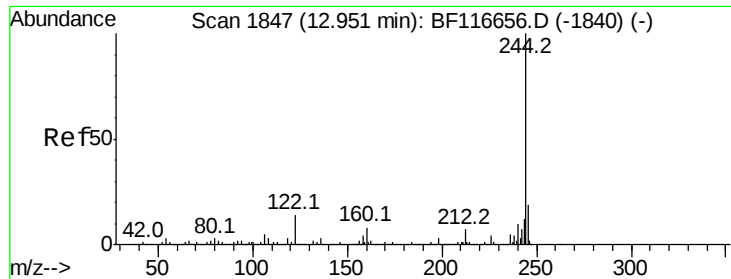
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116952.D
Acq: 11 Sep 2019 18:00

Tgt Ion:240 Resp: 240503
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 26.4 21.1 31.7



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

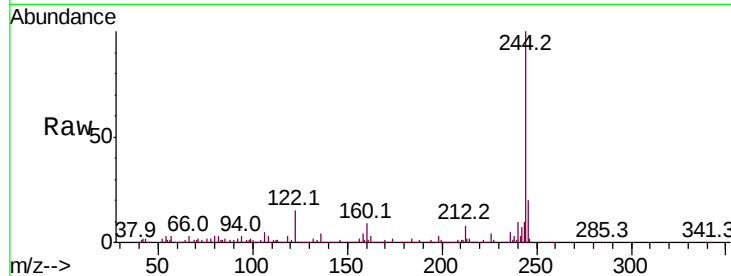




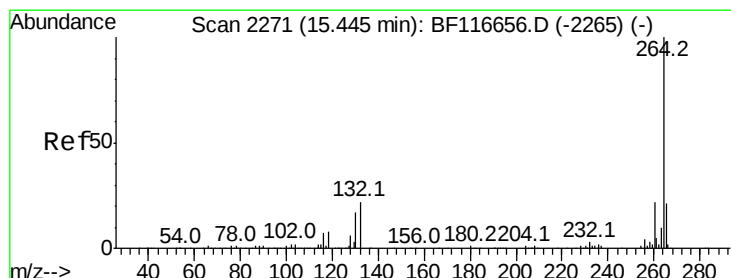
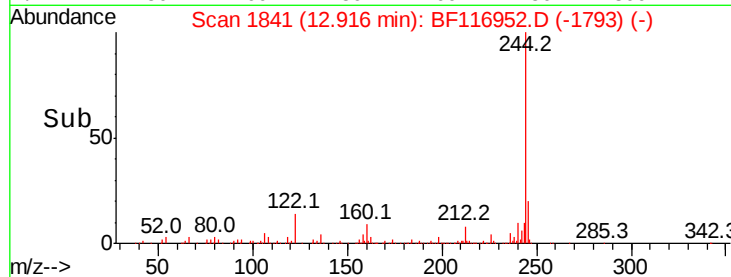
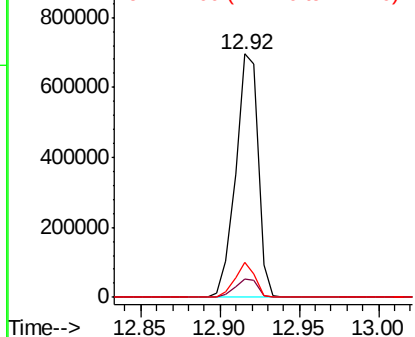
#79
 Terphenyl-d14
 Concen: 52.485 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF116952.D
 Acq: 11 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	14.5	10.2	15.4

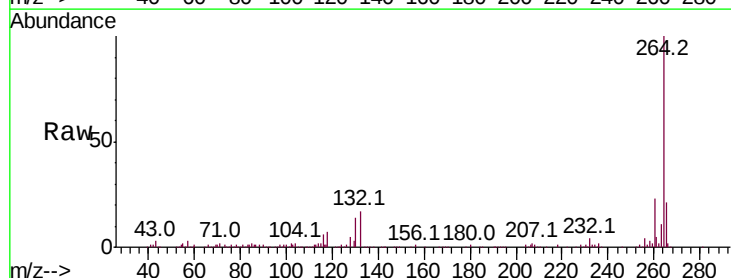


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BF116952.D
 Acq: 11 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.5	16.5	24.7



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

