

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119560.D
 Acq On : 27 Mar 2020 10:56
 Operator : CG/JU
 Sample : L2040-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-350

Quant Time: Mar 27 11:28:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

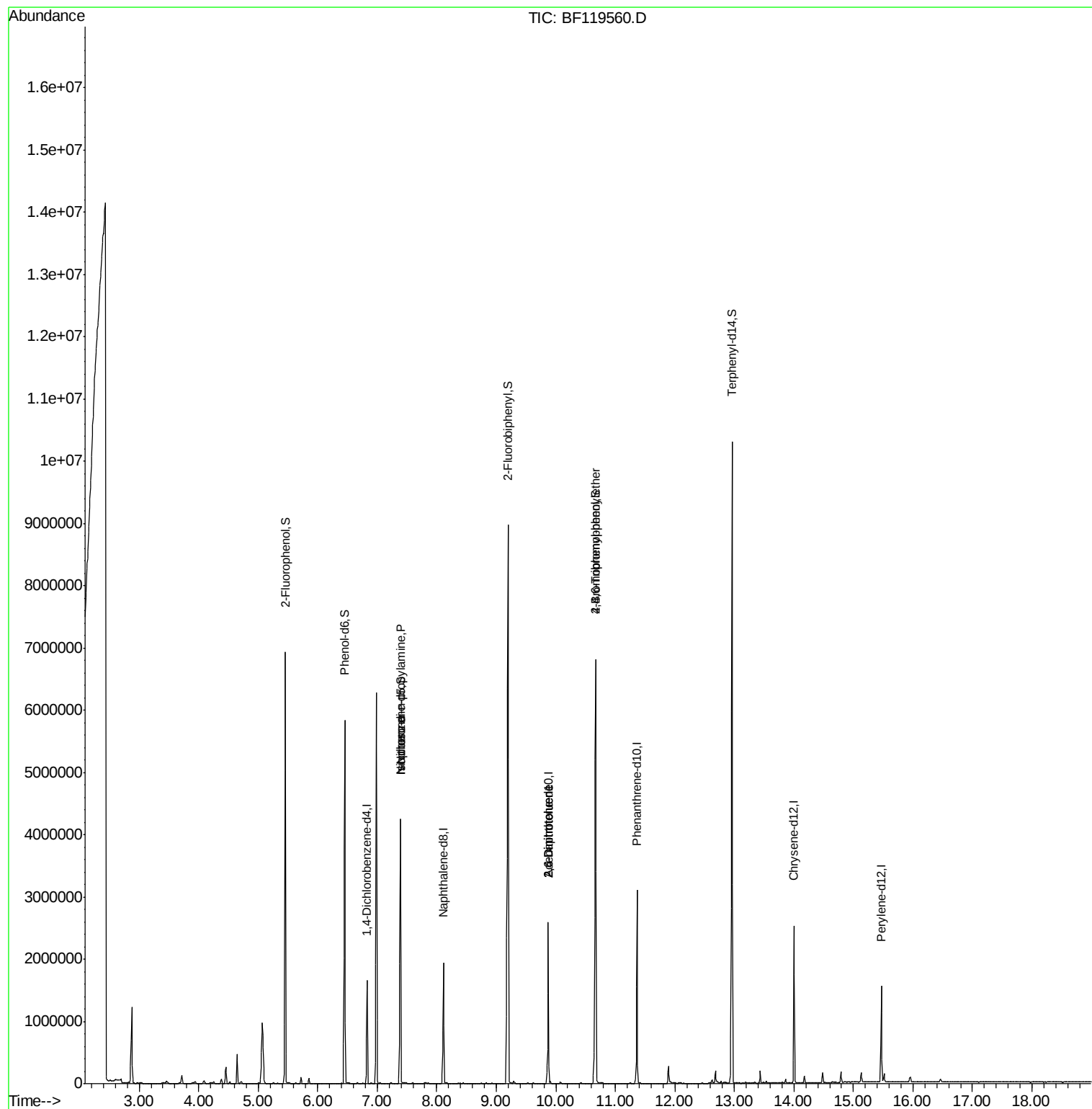
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267834	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1036327	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	562476	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1127553	20.00	ng	0.00
76) Chrysene-d12	14.00	240	851627	20.00	ng	-0.01
87) Perylene-d12	15.47	264	695769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2071886	123.15	ng	0.02
7) Phenol-d6	6.46	99	2263092	105.30	ng	0.00
23) Nitrobenzene-d5	7.39	82	1959335	102.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	961360	165.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3694769	97.31	ng	0.00
79) Terphenyl-d14	12.96	244	4219910	97.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	260982	20.146	ng	# 79
25) Isophorone	7.39	82	1874613	48.464	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	71677	8.370	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	71677	6.644	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	59946	4.668	ng	# 1

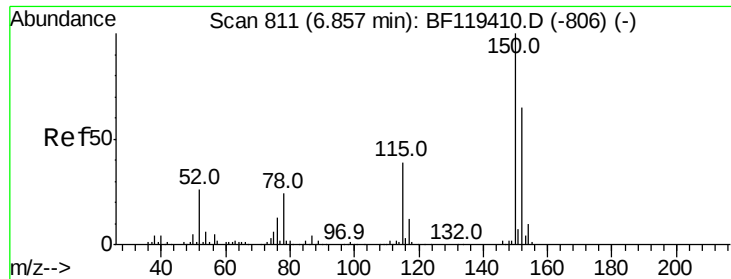
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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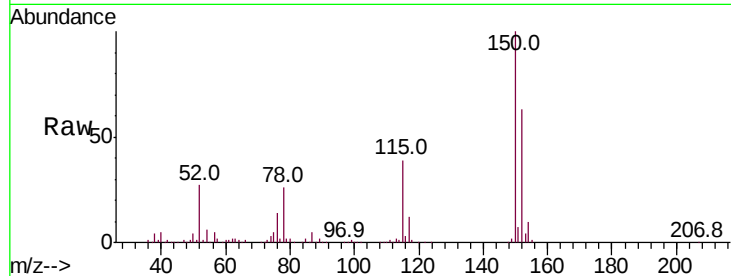


#1

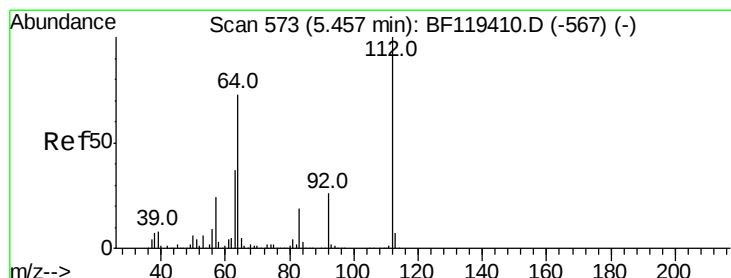
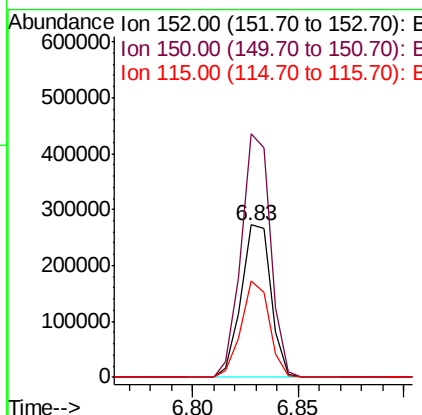
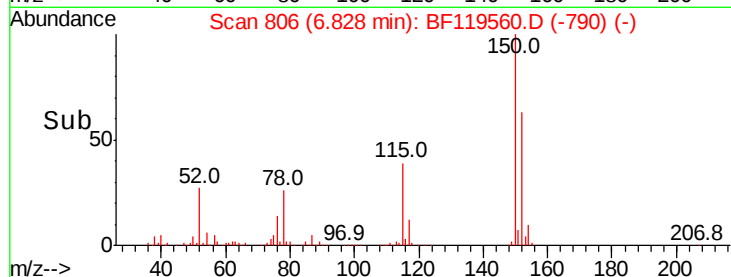
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Instrument :
BNA_F
ClientSampleId :
RO-350

Tot Ion:152 Resp: 267834
Ion Ratio Lower Upper
152 100
150 159.6 124.5 186.7
115 62.9 49.6 74.4



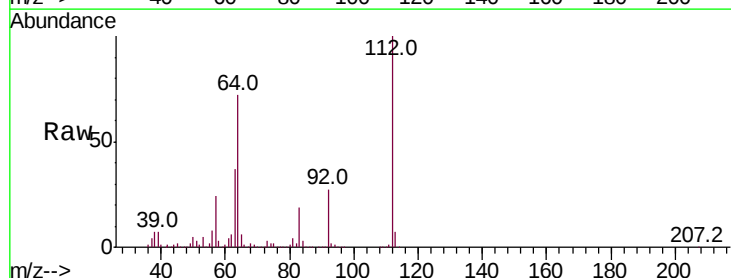
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



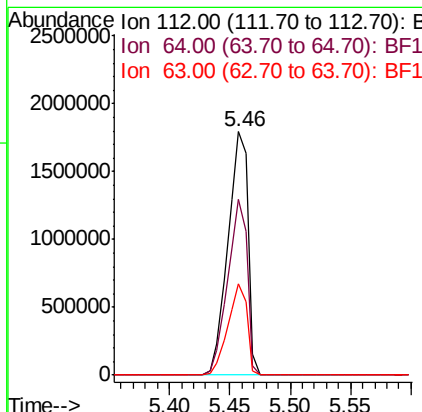
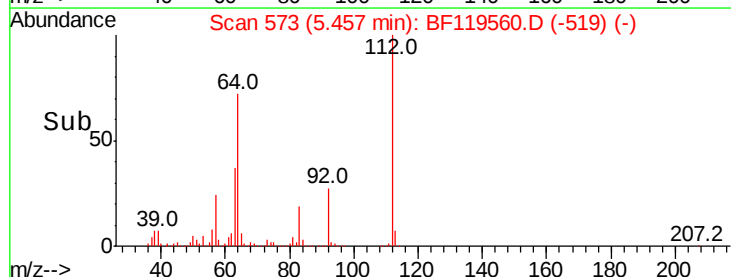
#5

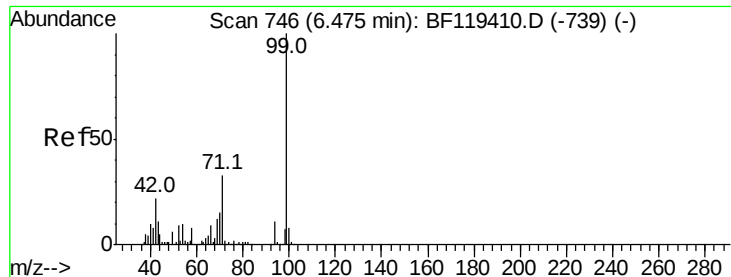
2-Fluorophenol
Concen: 123.145 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Tgt Ion:112 Resp: 2071886
Ion Ratio Lower Upper
112 100
64 72.0 56.7 85.1
63 37.4 29.5 44.3



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: 105.297 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119560.D

Acq: 27 Mar 2020 10:56

Instrument :

BNA_F

ClientSampled :

RO-350

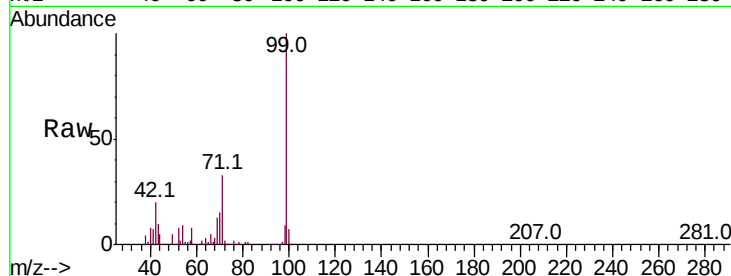
Tot Ion: 99 Resp: 2263092

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

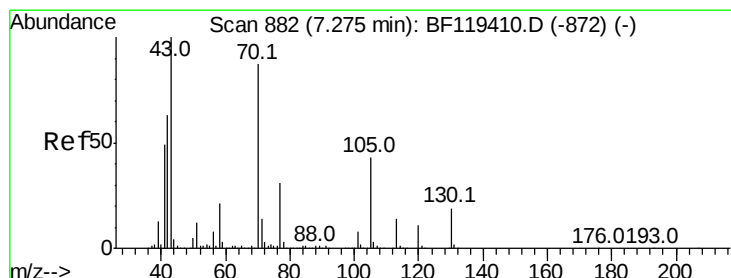
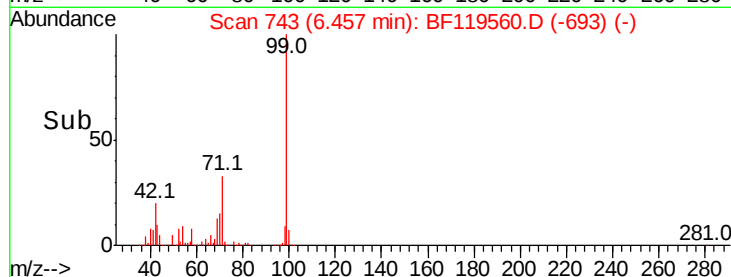
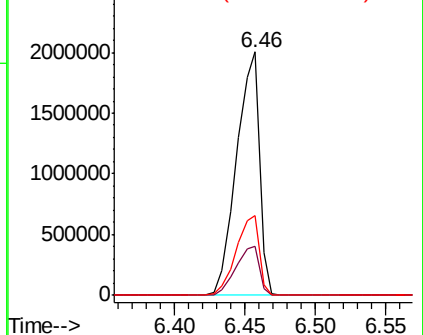
71 32.7 26.4 39.6



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: 20.146 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119560.D

Acq: 27 Mar 2020 10:56

Tgt Ion: 70 Resp: 260982

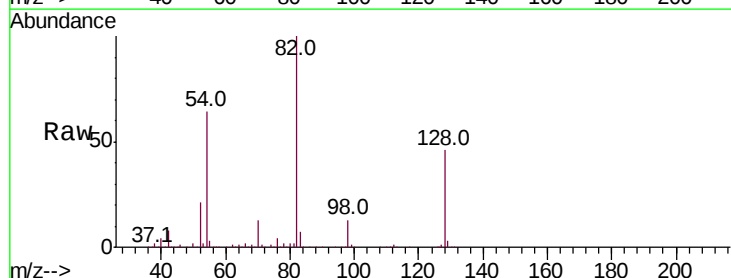
Ion Ratio Lower Upper

70 100

42 56.9 54.5 81.7

101 0.0 7.6 11.4#

130 2.6 17.6 26.4#

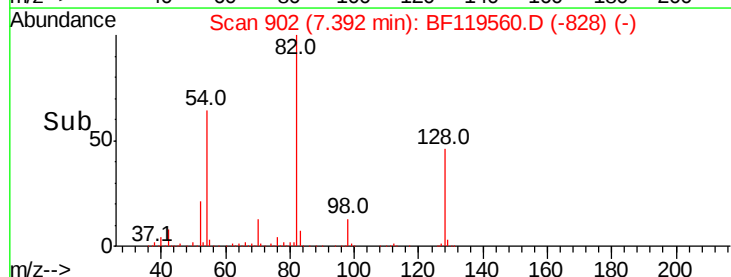
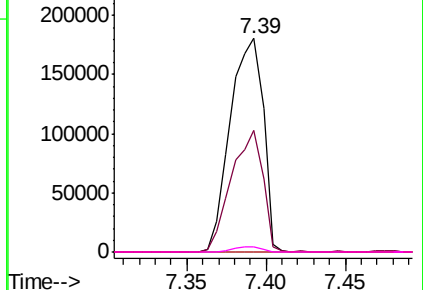


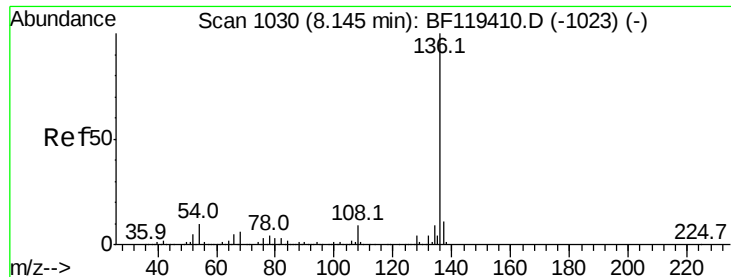
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



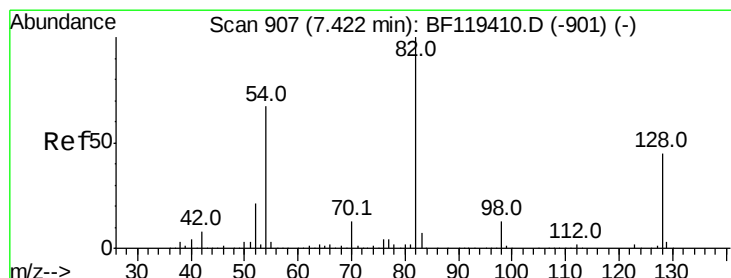
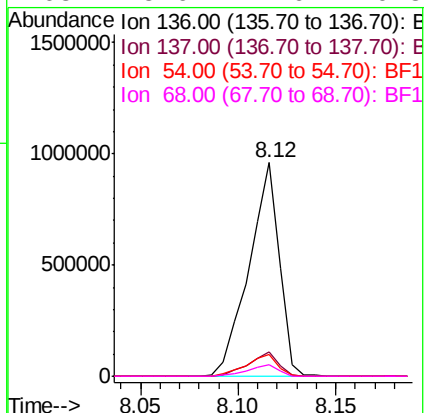
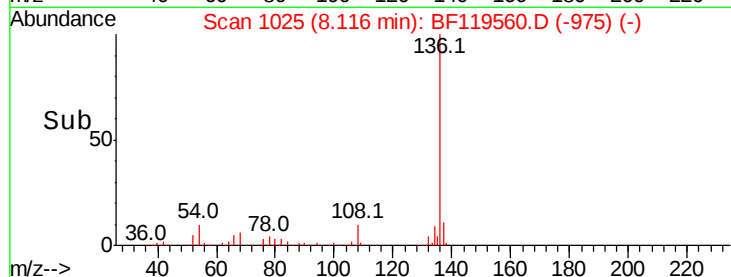
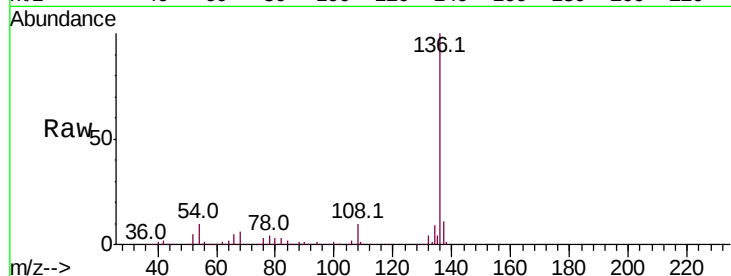


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Instrument :
BNA_F
ClientSampled :
RO-350

Tot Ion:136 Resp: 1036327

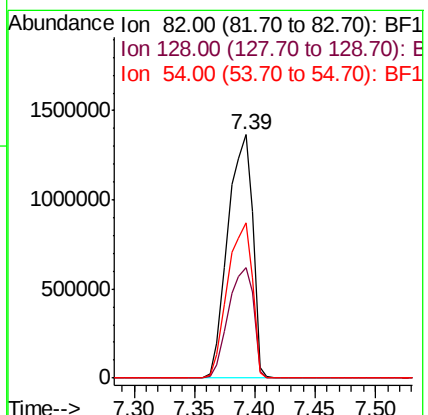
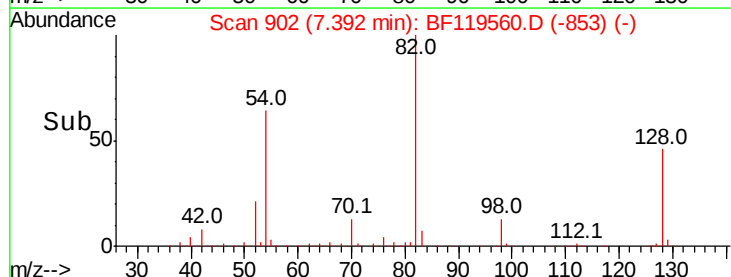
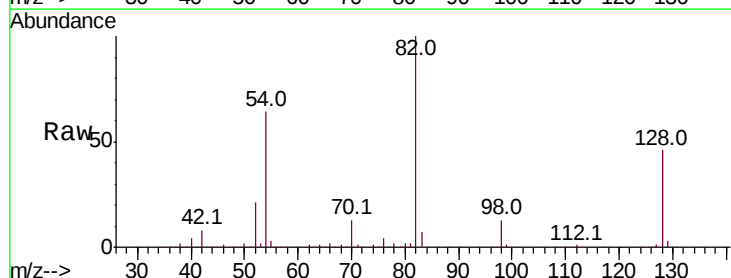
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.5	9.1	13.7
68	5.6	4.6	6.8

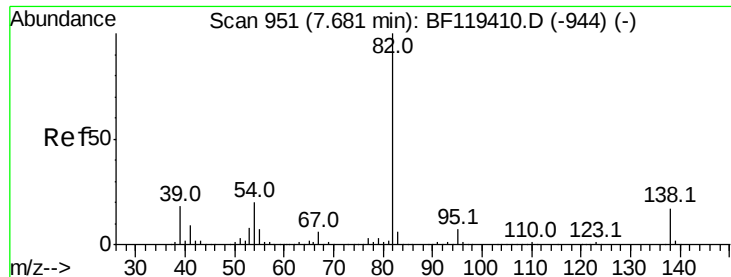


#23
Nitrobenzene-d5
Concen: 102.753 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Tgt Ion: 82 Resp: 1959335

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	63.6	50.6	75.8





#25

Isophorone

Concen: 48.464 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119560.D

Acq: 27 Mar 2020 10:56

Instrument :

BNA_F

ClientSampled :

RO-350

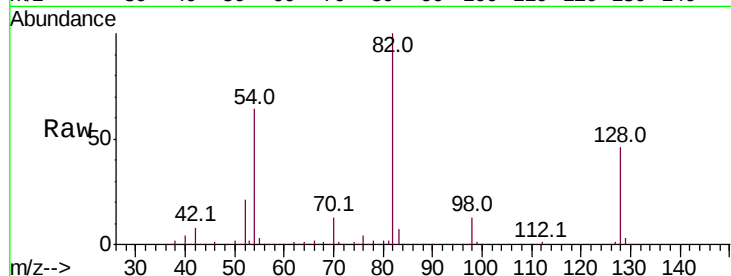
Tot Ion: 82 Resp: 1874613

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

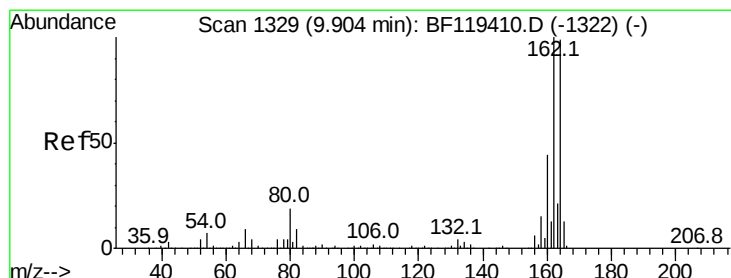
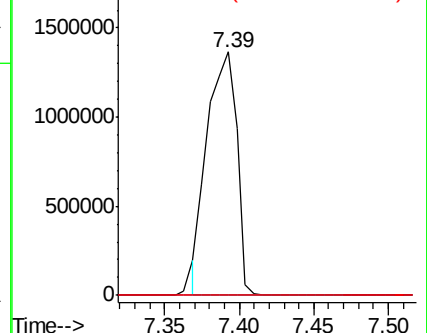
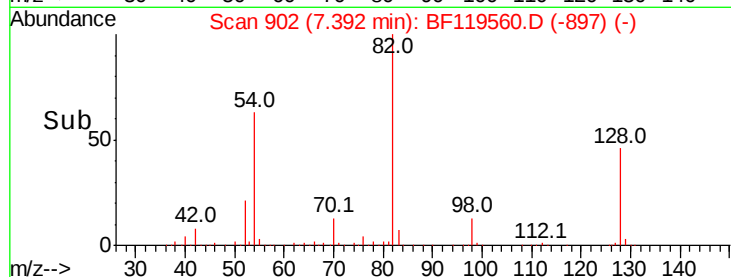
138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119560.D

Acq: 27 Mar 2020 10:56

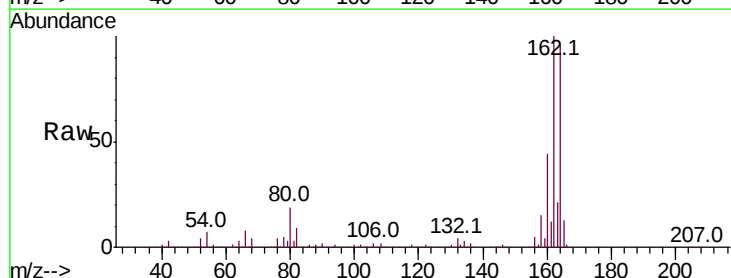
Tgt Ion:164 Resp: 562476

Ion Ratio Lower Upper

164 100

162 104.0 80.6 121.0

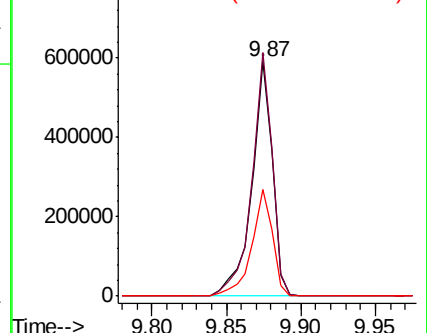
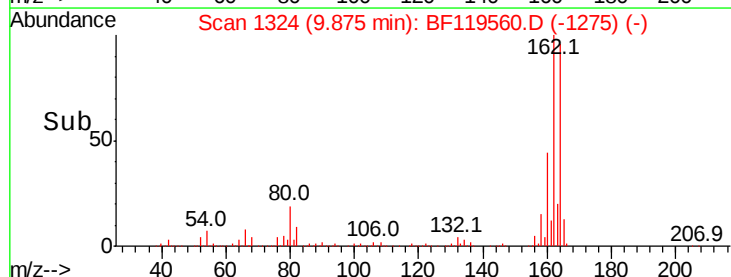
160 45.6 35.7 53.5

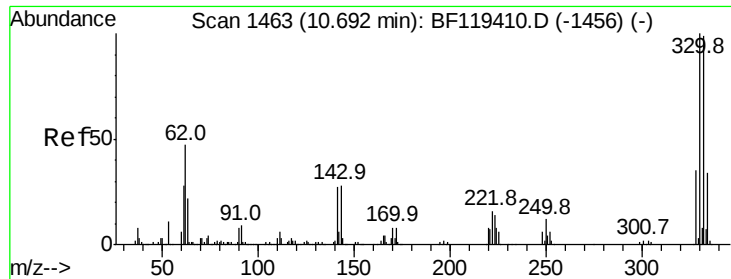


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

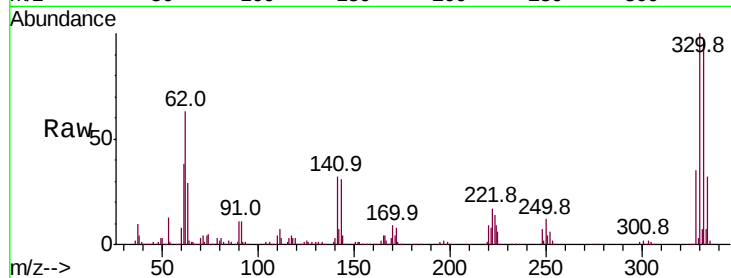




#42
 2,4,6-Tribromophenol
 Concen: 165.670 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119560.D
 Acq: 27 Mar 2020 10:56

Instrument :
 BNA_F
 ClientSampleID :
 RO-350

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	31.5	25.4	38.0

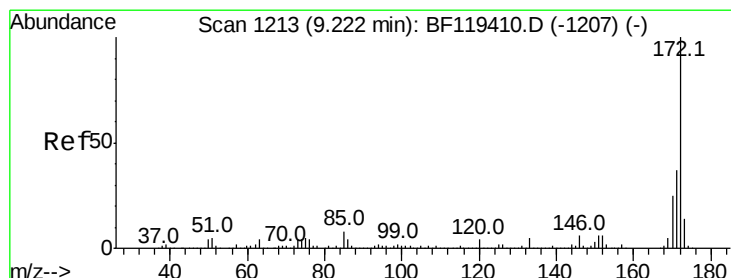
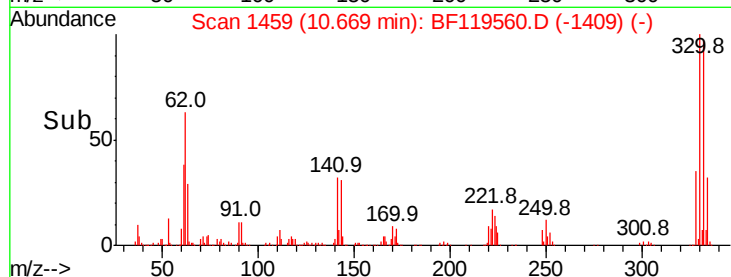
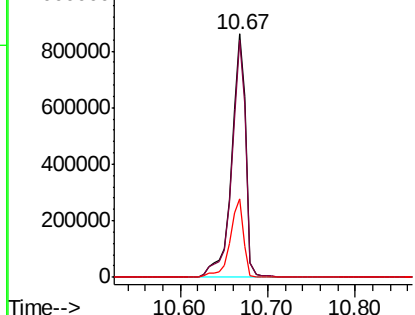


Abundance

Ion 329.80 (329.50 to 330.50): E

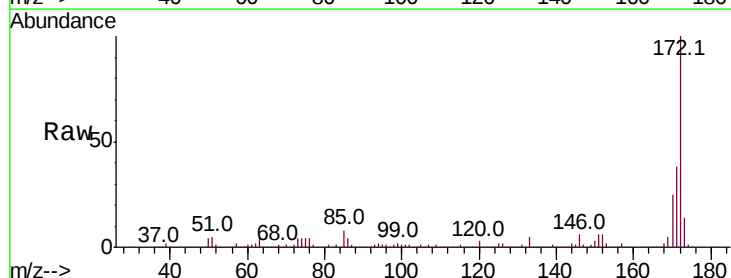
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.314 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119560.D
 Acq: 27 Mar 2020 10:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.2	20.2	30.2

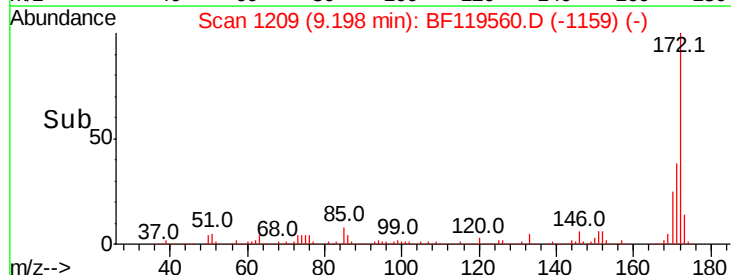
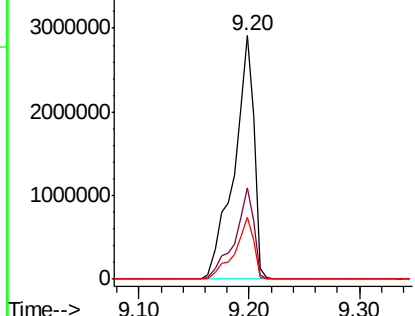


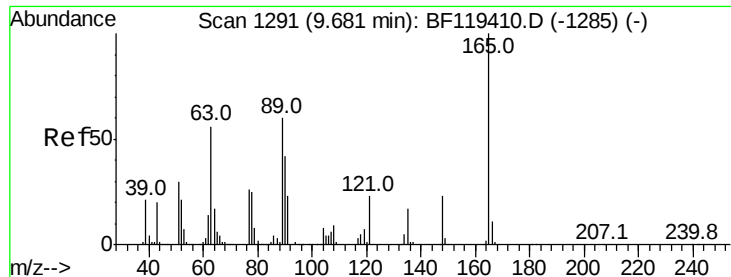
Abundance

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

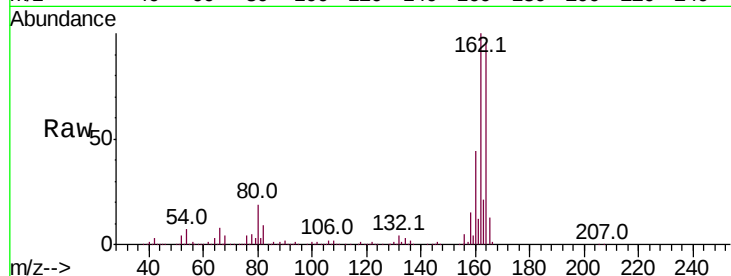




#51
 2,6-Dinitrotoluene
 Concen: 8.370 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119560.D
 Acq: 27 Mar 2020 10:56

Instrument :
 BNA_F
 ClientSampled :
 RO-350

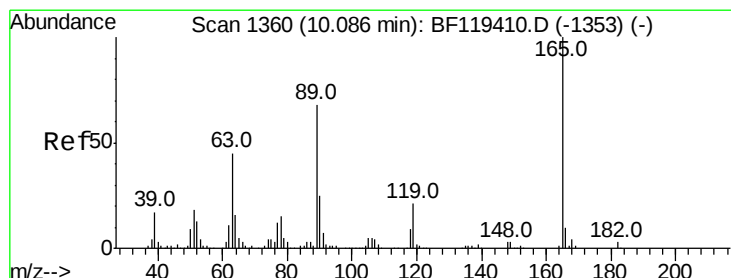
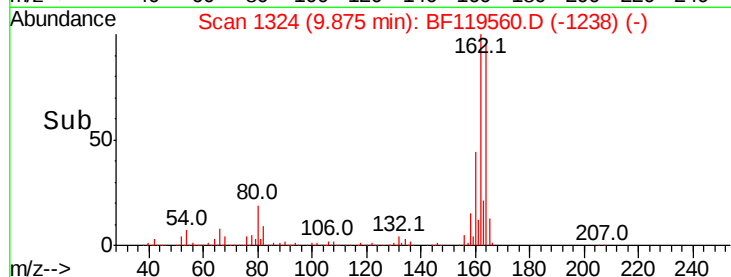
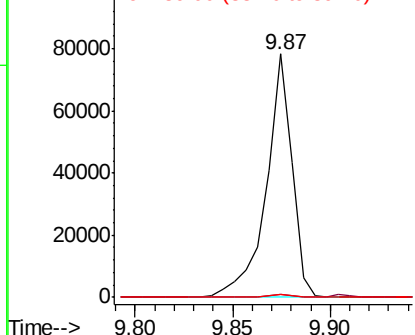
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.4	41.5	62.3#



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: 6.644 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119560.D
 Acq: 27 Mar 2020 10:56

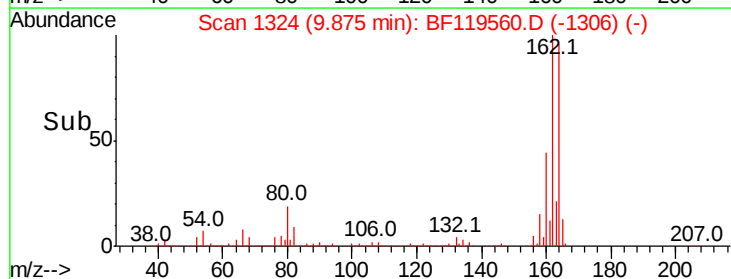
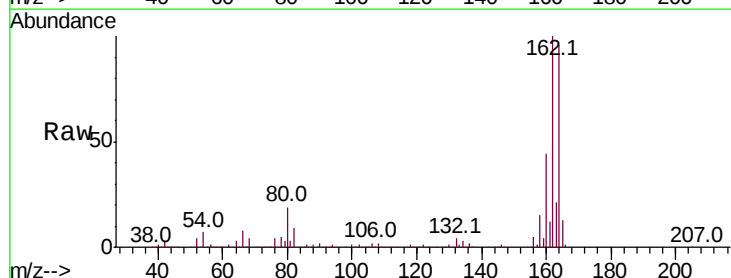
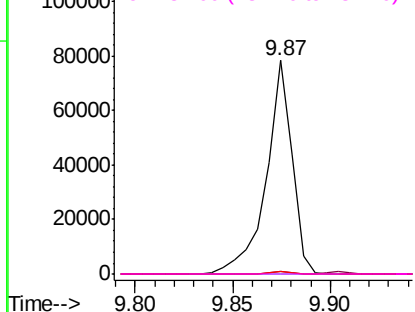
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#

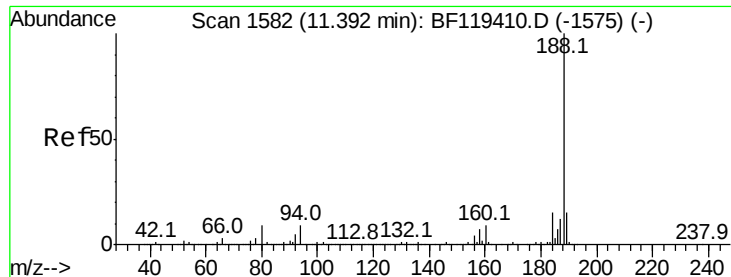
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119560.D

Acq: 27 Mar 2020 10:56

Instrument :

BNA_F

ClientSampleId :

RO-350

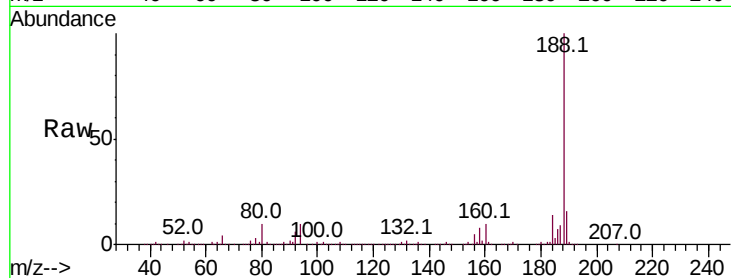
Tot Ion:188 Resp: 1127553

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

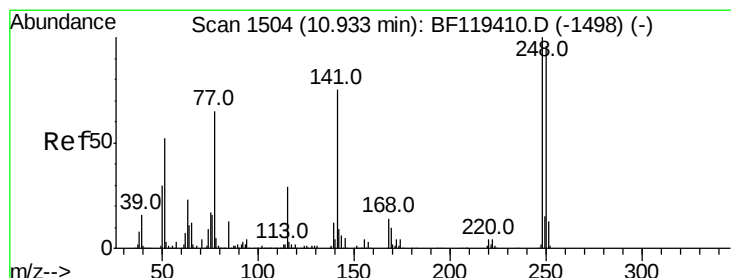
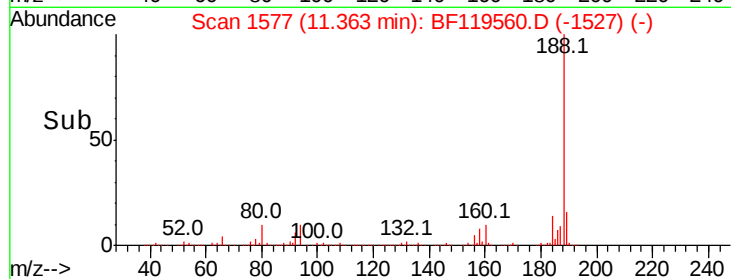
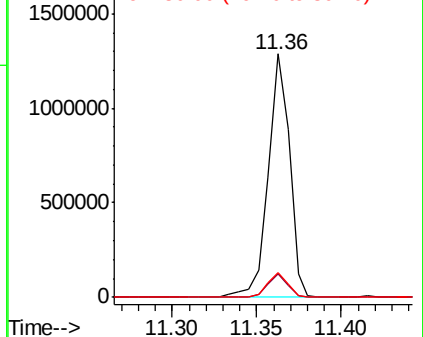
80 10.3 9.0 13.4



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: 4.668 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119560.D

Acq: 27 Mar 2020 10:56

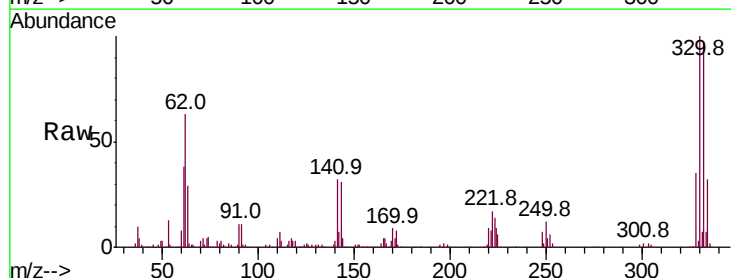
Tgt Ion:248 Resp: 59946

Ion Ratio Lower Upper

248 100

250 187.6 77.3 115.9#

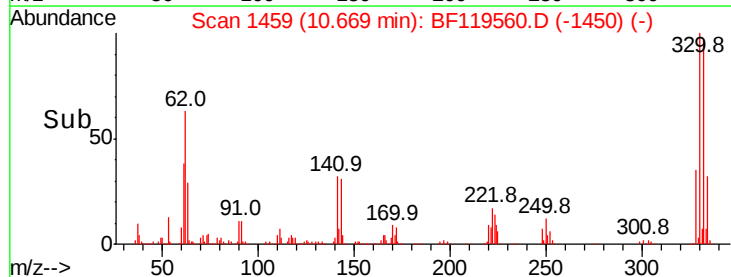
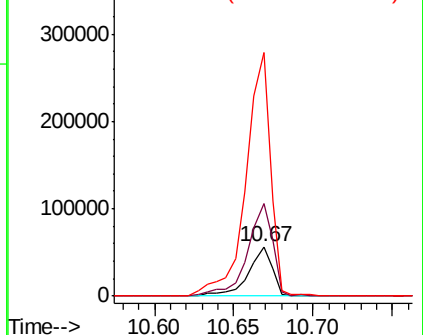
141 494.5 58.6 87.8#

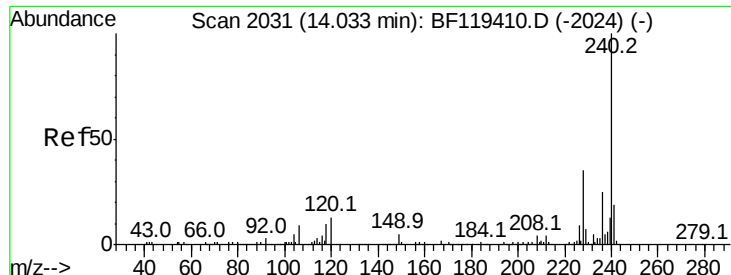


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

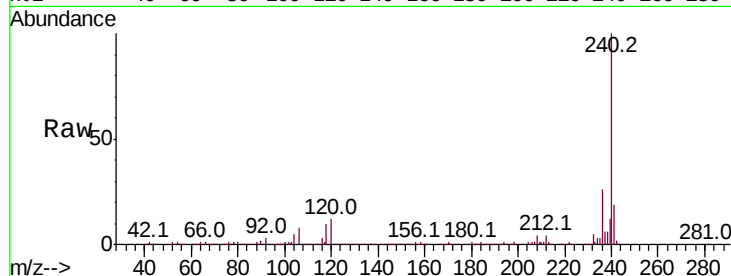




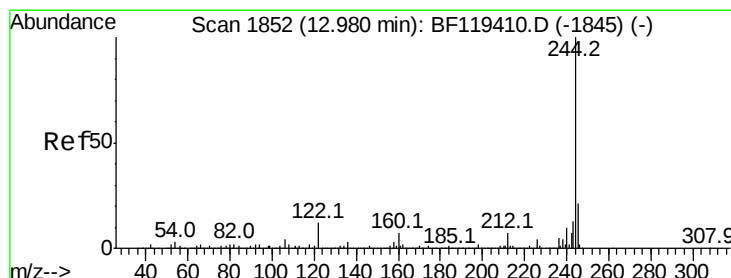
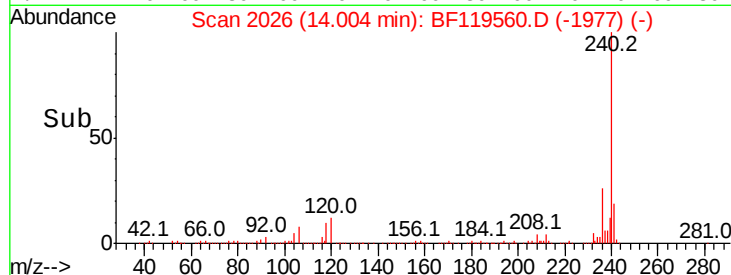
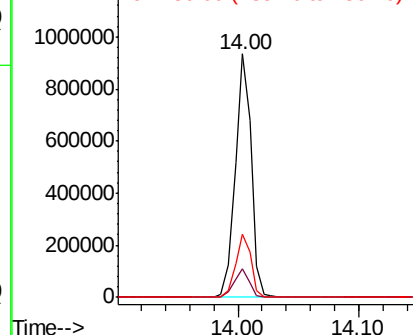
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Instrument :
BNA_F
ClientSampleId :
RO-350

Tot Ion:240 Resp: 851627
Ion Ratio Lower Upper
240 100
120 11.7 10.6 15.8
236 25.9 20.2 30.2

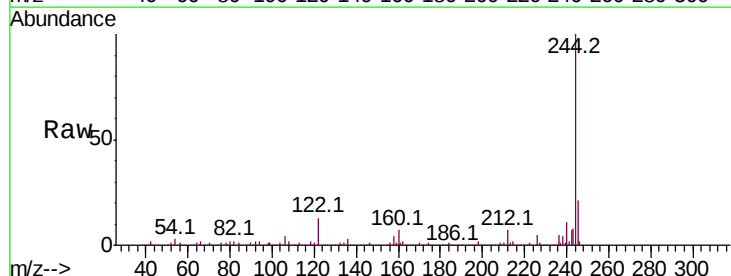


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

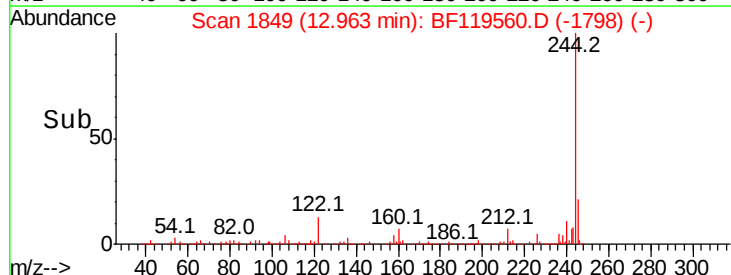
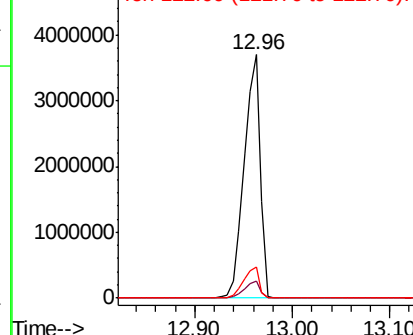


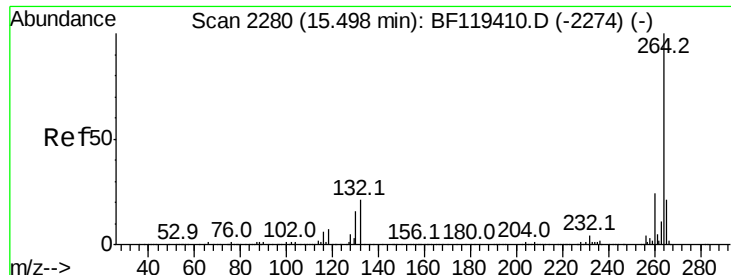
#79
Terphenyl-d14
Concen: 97.081 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Tgt Ion:244 Resp: 4219910
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.0 10.3 15.5



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

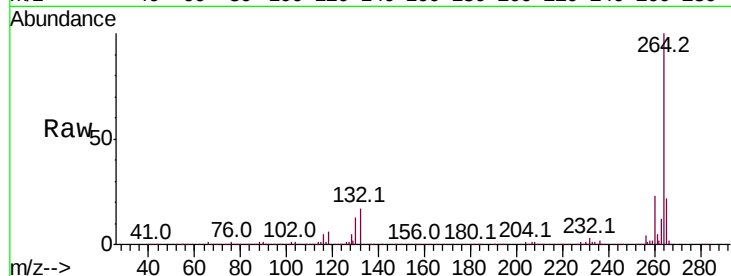




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119560.D
 Acq: 27 Mar 2020 10:56

Instrument :
 BNA_F
 ClientSampleId :
 RO-350

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

800000

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

