

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119363.D
 Acq On : 11 Mar 2020 23:40
 Operator : CG/JU
 Sample : L1874-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:12:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

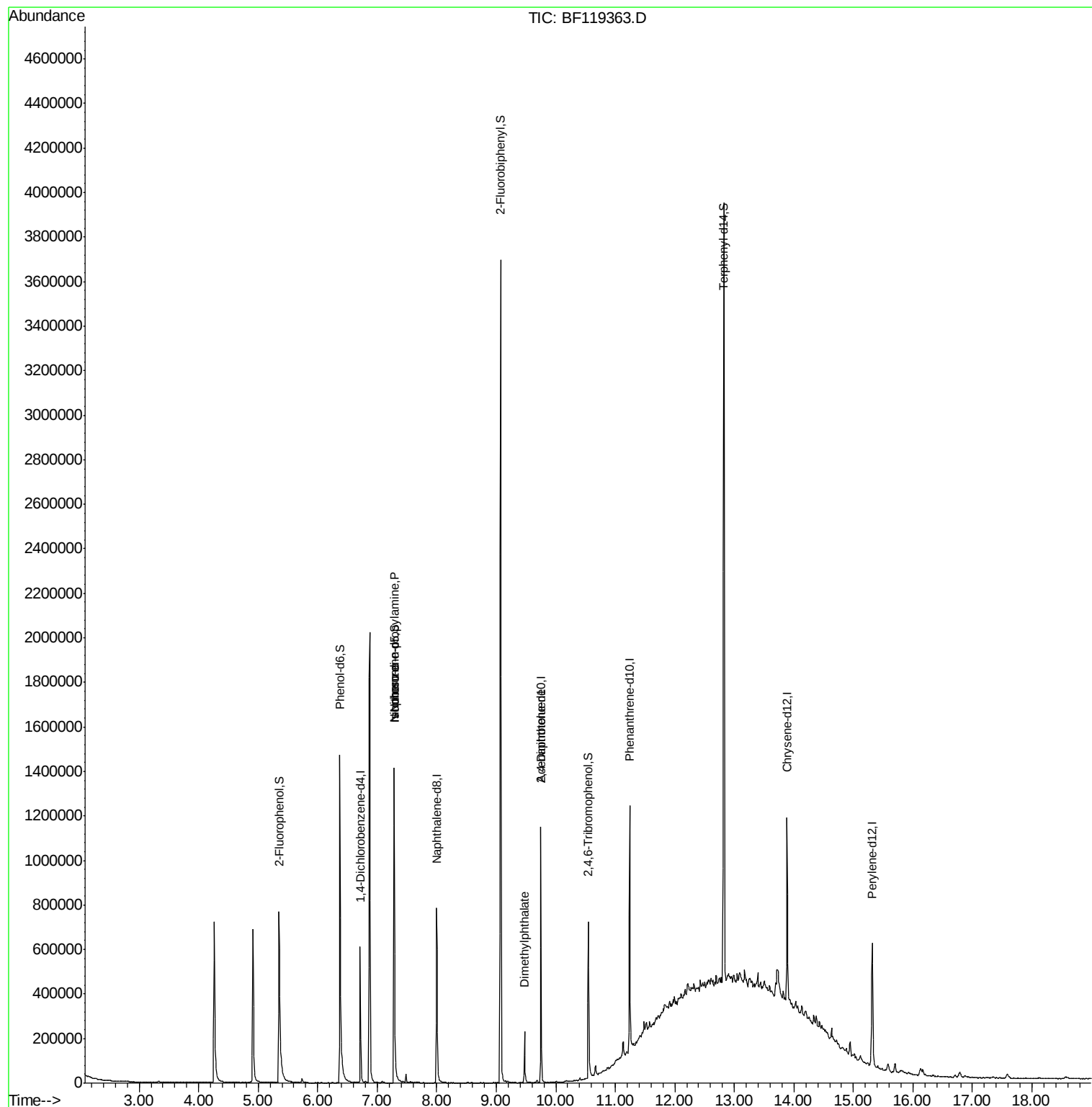
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103395	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	399999	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	222645	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	417336	20.00	ng	0.00
76) Chrysene-d12	13.89	240	285754	20.00	ng	0.00
87) Perylene-d12	15.32	264	280556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	371454	60.04	ng	0.00
7) Phenol-d6	6.37	99	679403	90.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	551089	72.74	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	105708	36.29	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1108136	73.32	ng	-0.01
79) Terphenyl-d14	12.83	244	1379732	83.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	75629	17.249	ng	# 75
25) Isophorone	7.29	82	551089	41.886	ng	# 63
50) Dimethylphthalate	9.47	163	110993	6.519	ng	100
57) 2,4-Dinitrotoluene	9.75	165	28581	5.829	ng	# 21

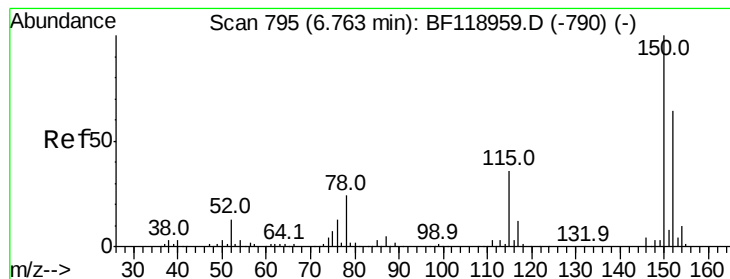
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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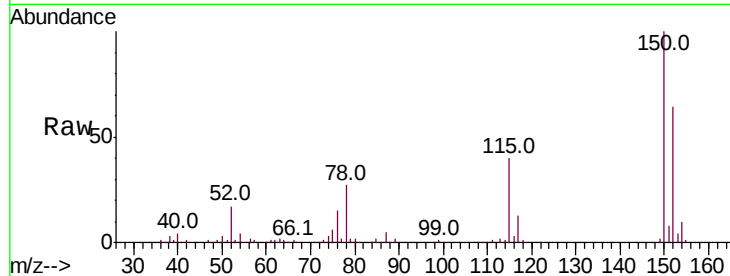


#1

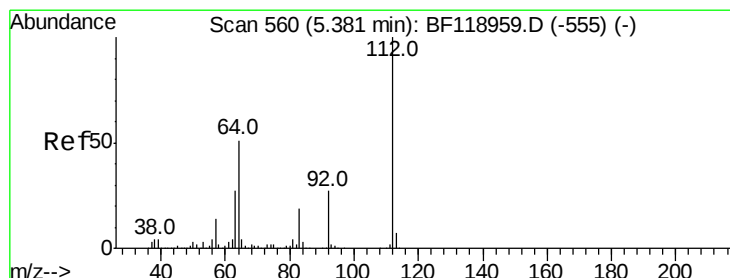
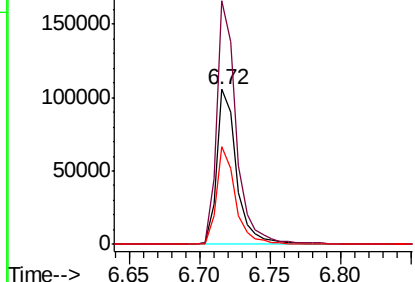
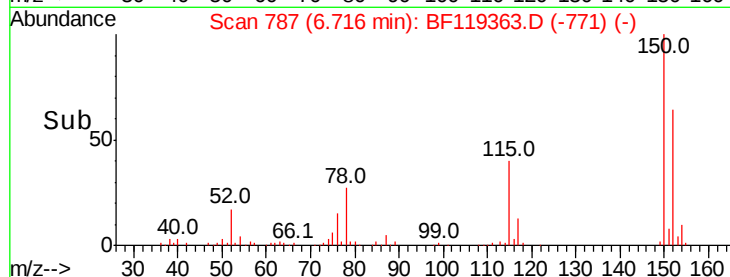
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119363.D
Acq: 11 Mar 2020 23:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103395
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.6
115 63.1 49.5 74.3



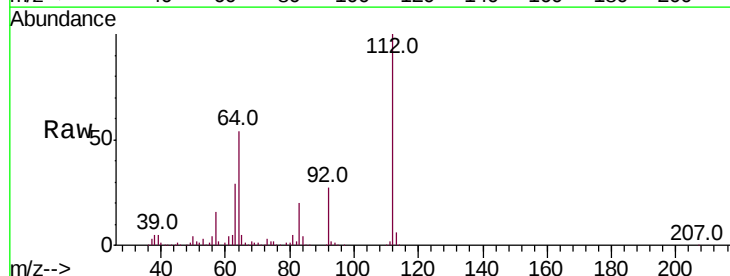
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



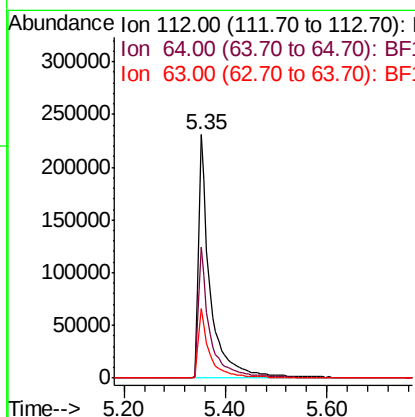
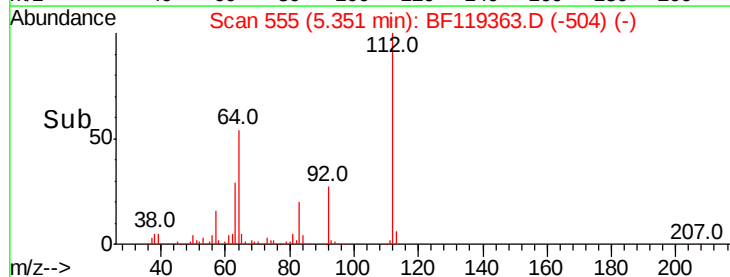
#5

2-Fluorophenol
Concen: 60.038 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119363.D
Acq: 11 Mar 2020 23:40

Tgt Ion:112 Resp: 371454
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 28.8 24.2 36.4



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: 90.292 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

Instrument :

BNA_F

ClientSampleId :

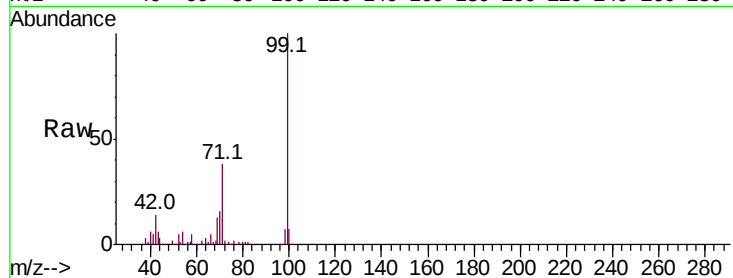
Tot Ion: 99 Resp: 679403

Ion Ratio Lower Upper

99 100

42 14.2 12.6 18.8

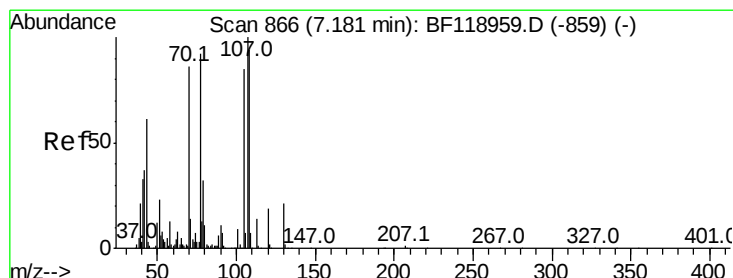
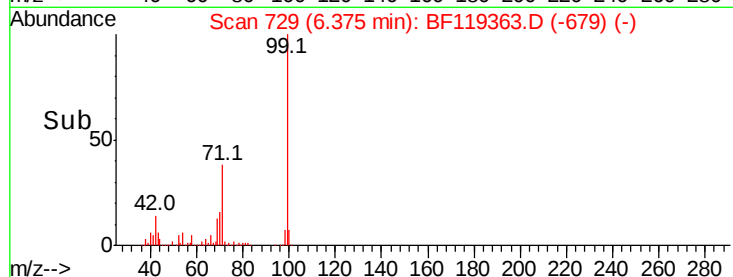
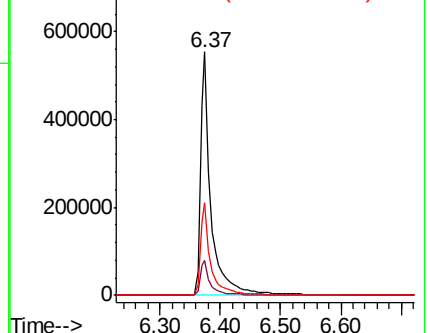
71 38.3 31.0 46.4



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: 17.249 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

Tgt Ion: 70 Resp: 75629

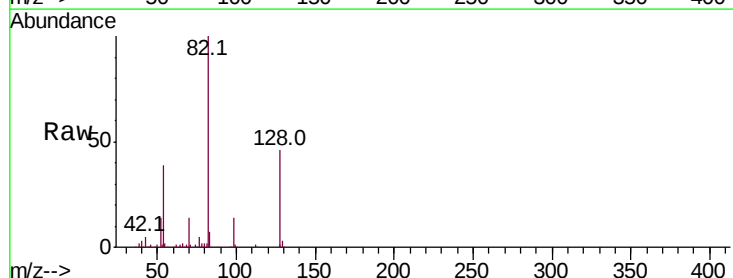
Ion Ratio Lower Upper

70 100

42 37.0 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

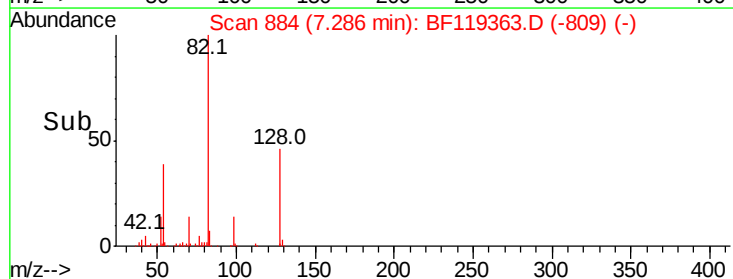
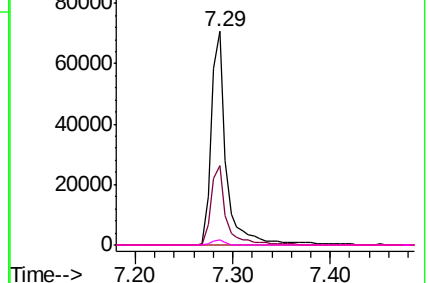


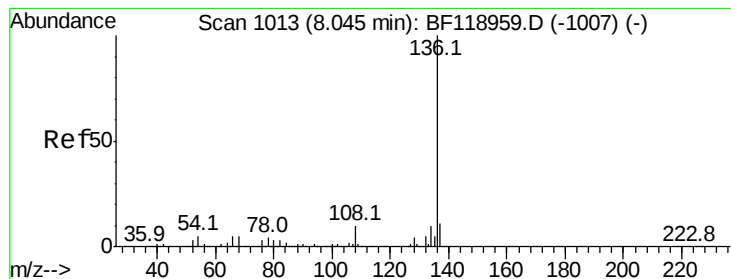
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 399999

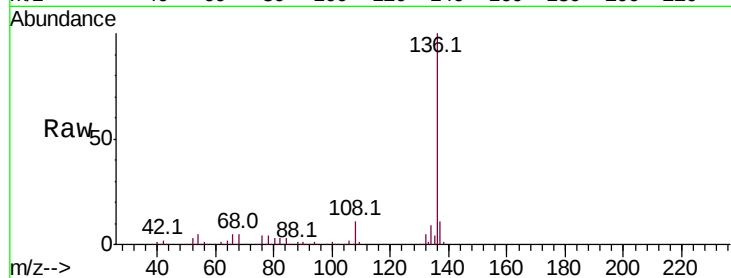
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.2 3.8 5.6

68 5.4 3.9 5.9

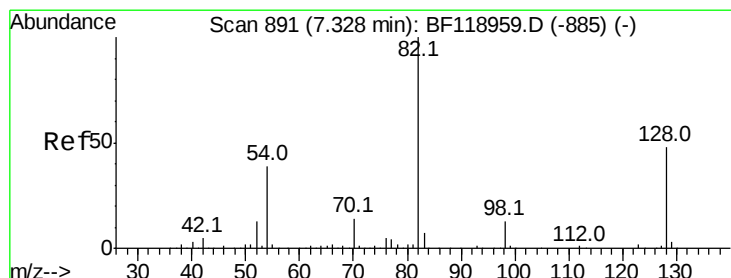
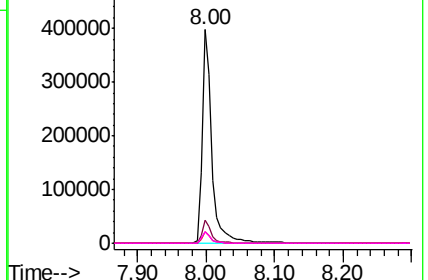
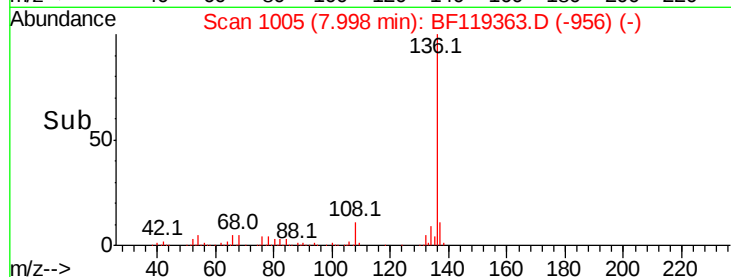


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.744 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

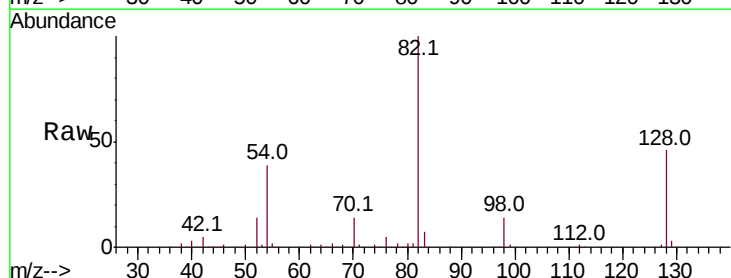
Tgt Ion: 82 Resp: 551089

Ion Ratio Lower Upper

82 100

128 45.7 37.9 56.9

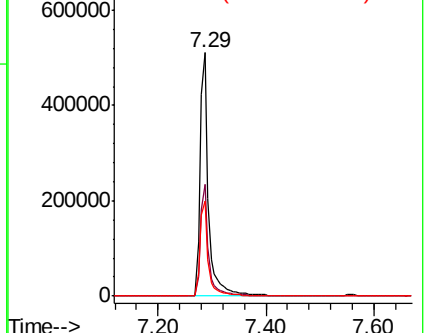
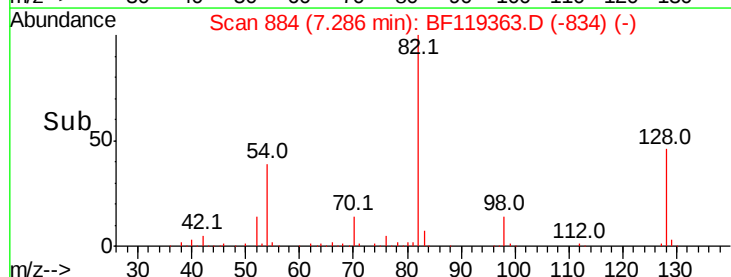
54 39.2 33.4 50.2

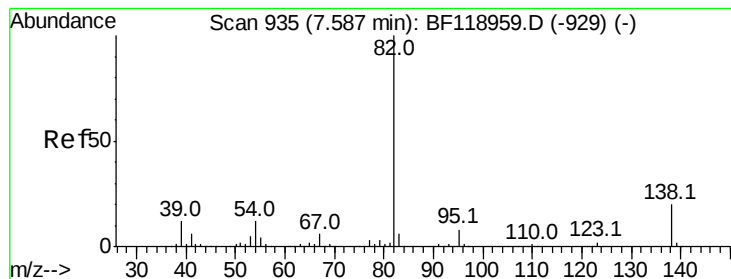


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.886 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

Instrument :

BNA_F

ClientSampleId :

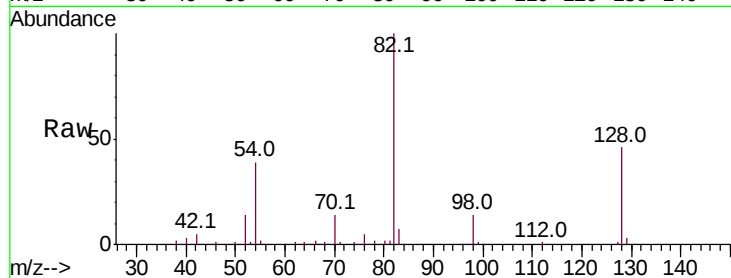
Tot Ion: 82 Resp: 551089

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

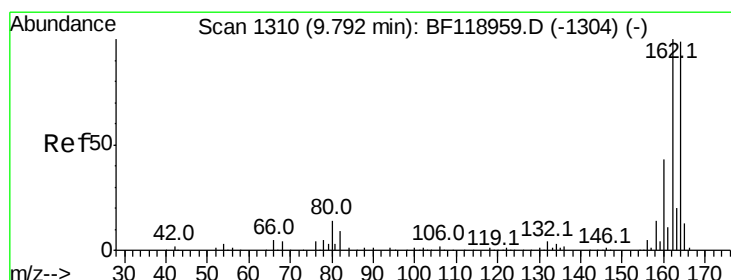
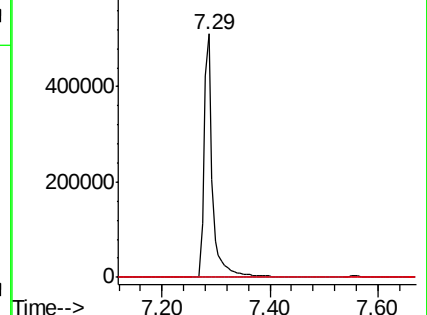
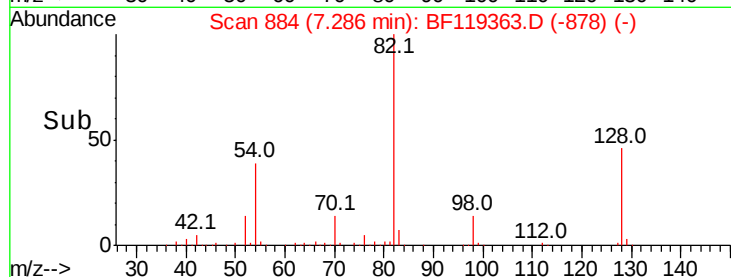
138 0.0 15.7 23.5#



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

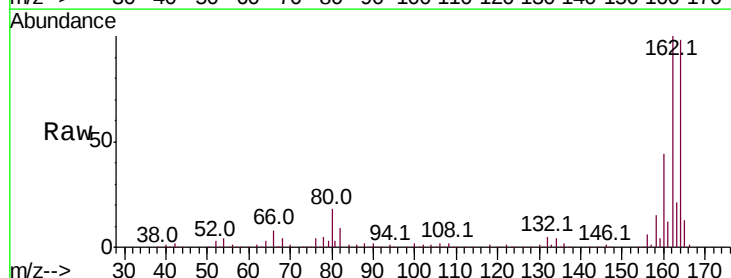
Tgt Ion: 164 Resp: 222645

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

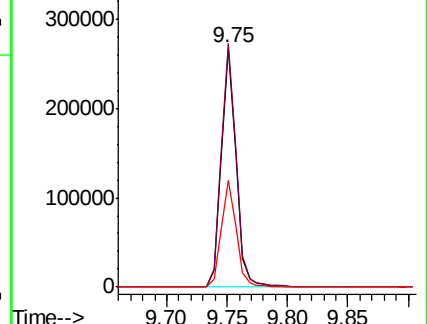
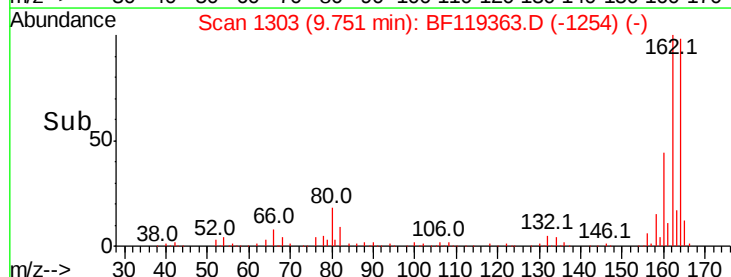
160 44.6 36.0 54.0

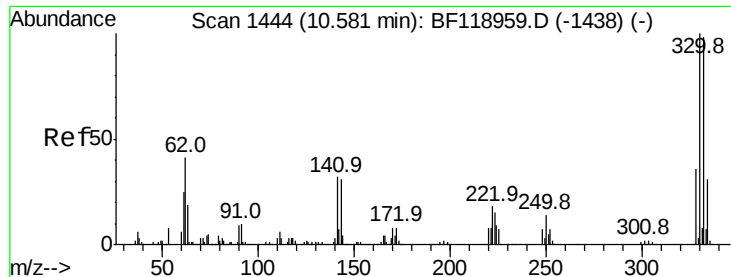


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

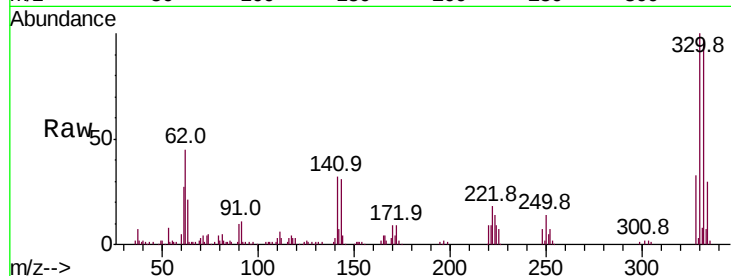




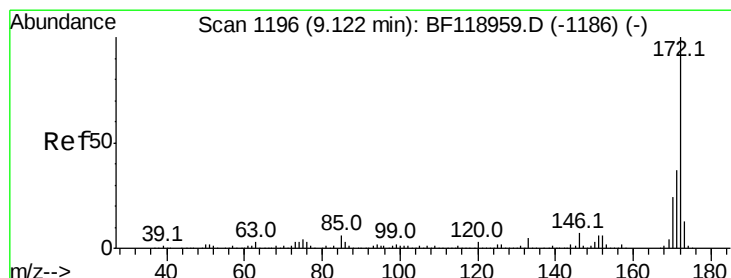
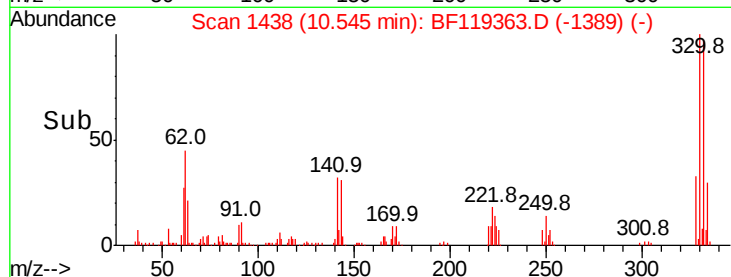
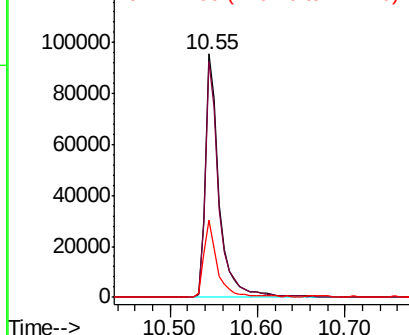
#42
 2,4,6-Tribromophenol
 Concen: 36.294 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119363.D
 Acq: 11 Mar 2020 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	31.7	22.9	34.3

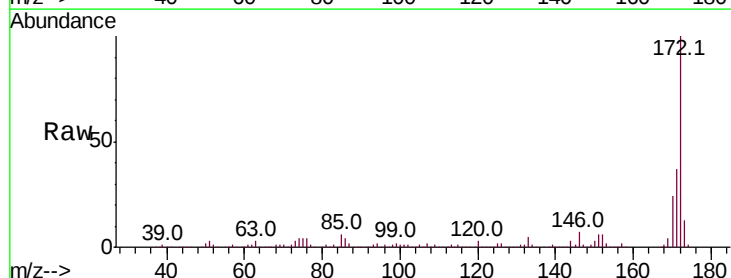


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

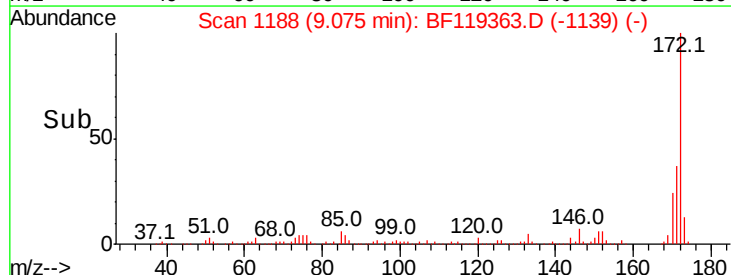
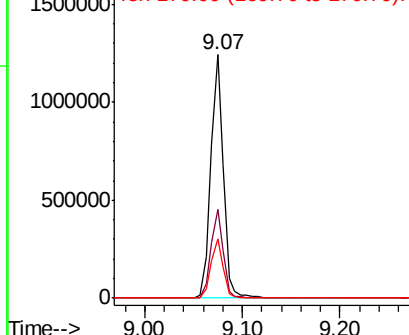


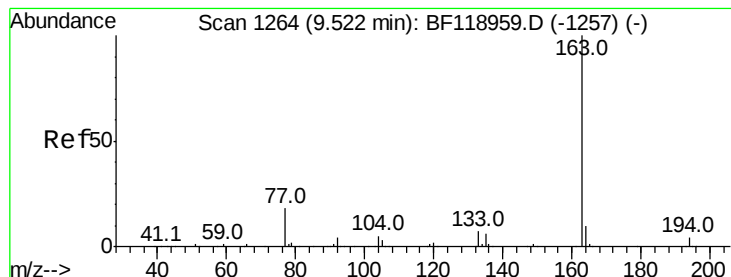
#45
 2-Fluorobiphenyl
 Concen: 73.322 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119363.D
 Acq: 11 Mar 2020 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.1	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





#50

Dimethylphthalate

Concen: 6.519 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

Instrument :

BNA_F

ClientSampleId :

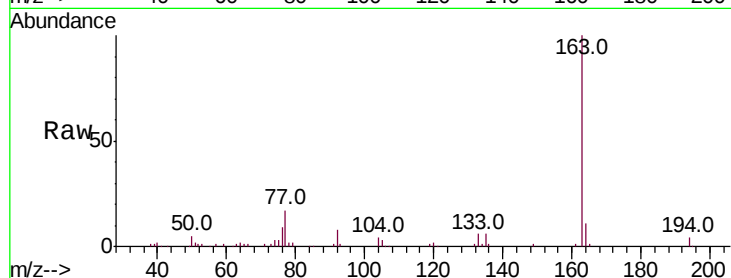
Tot Ion:163 Resp: 110993

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

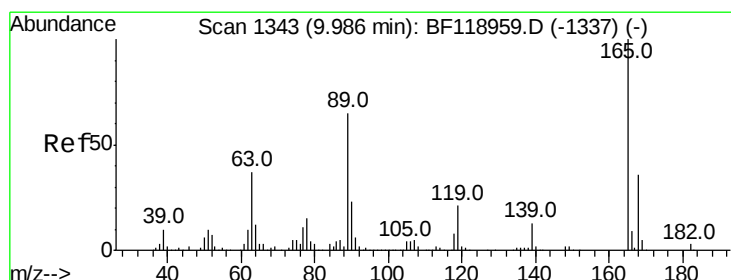
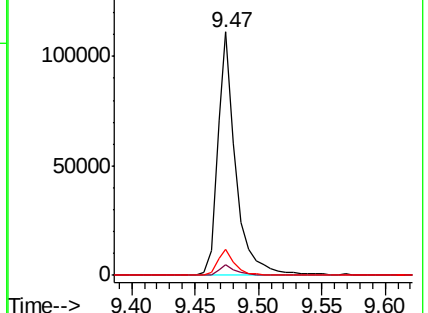
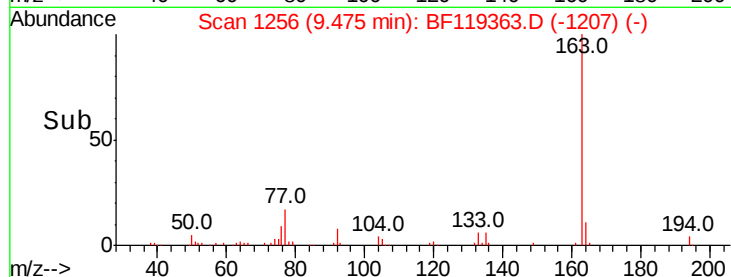
164 10.5 8.4 12.6



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: 5.829 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF119363.D

Acq: 11 Mar 2020 23:40

Tgt Ion:165 Resp: 28581

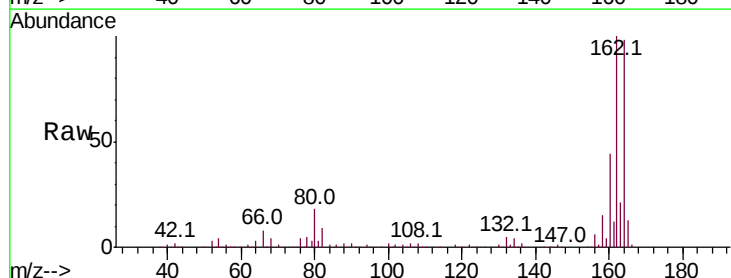
Ion Ratio Lower Upper

165 100

63 1.6 42.3 63.5#

89 1.0 60.2 90.4#

182 0.0 2.3 3.5#

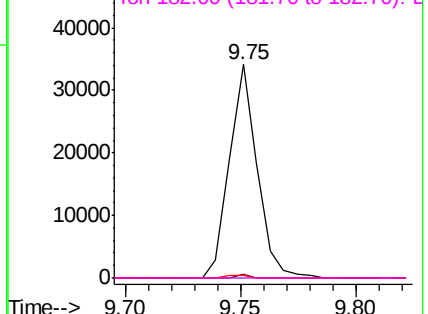
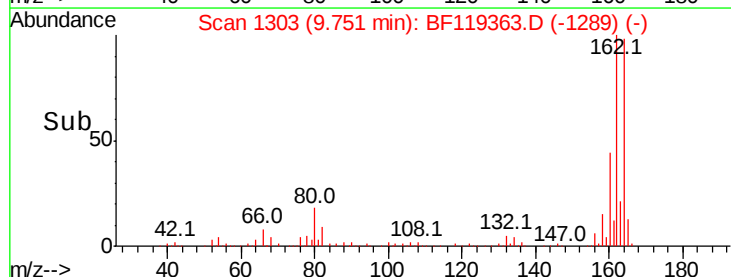


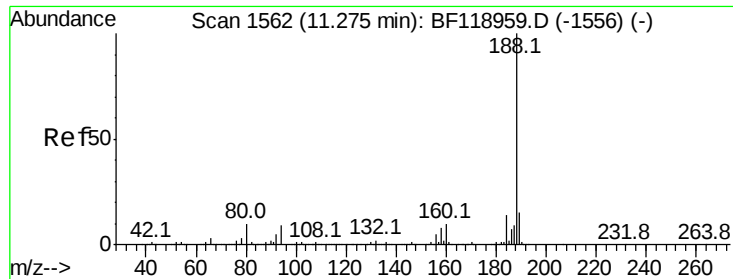
Abundance Ion 165.00 (164.70 to 165.70): E

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

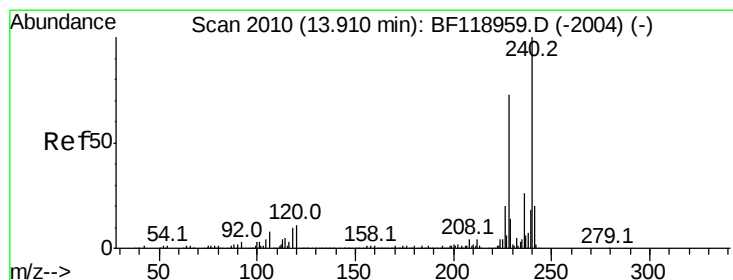
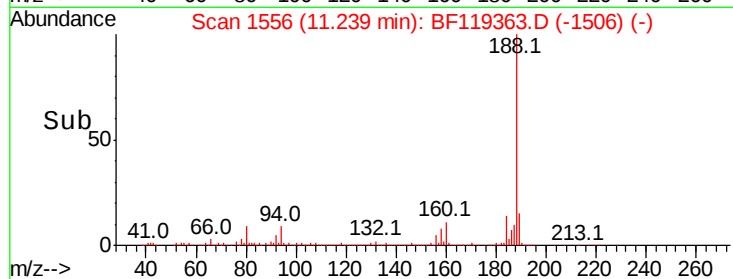
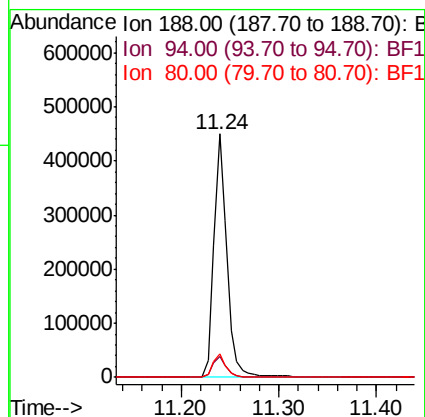
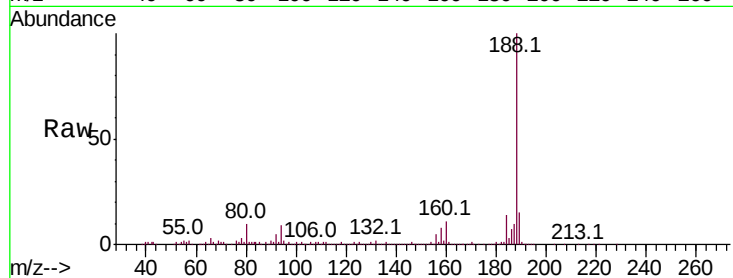




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119363.D
Acq: 11 Mar 2020 23:40

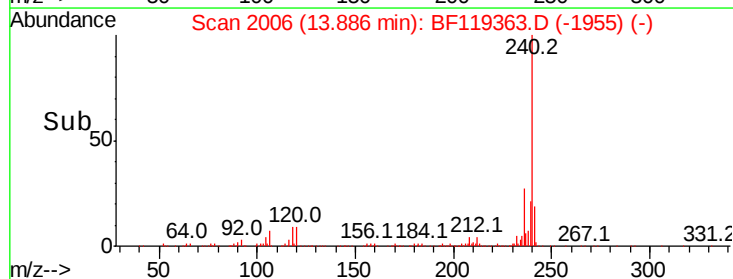
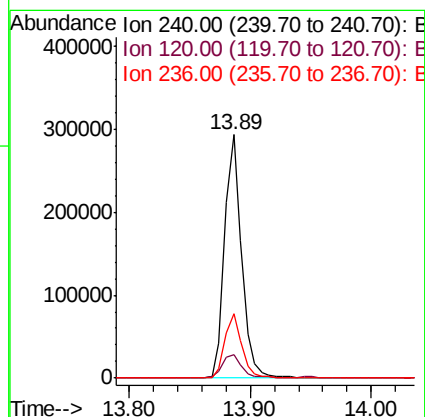
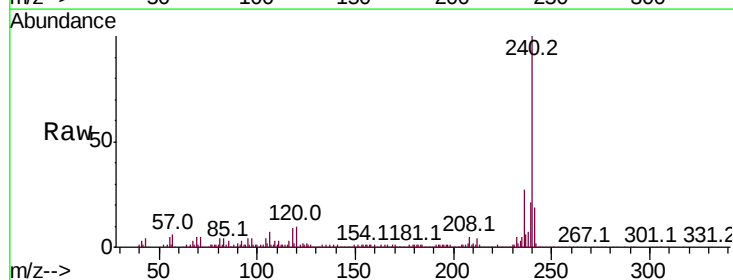
Instrument :
BNA_F
ClientSampleId :

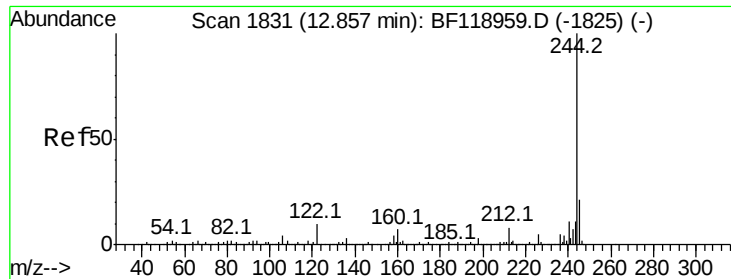
Tot Ion:188 Resp: 417336
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119363.D
Acq: 11 Mar 2020 23:40

Tgt Ion:240 Resp: 285754
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.7 21.0 31.4

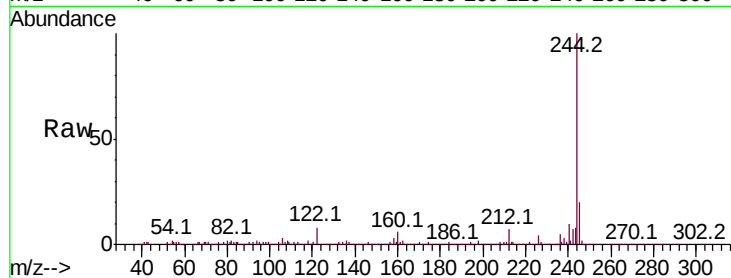




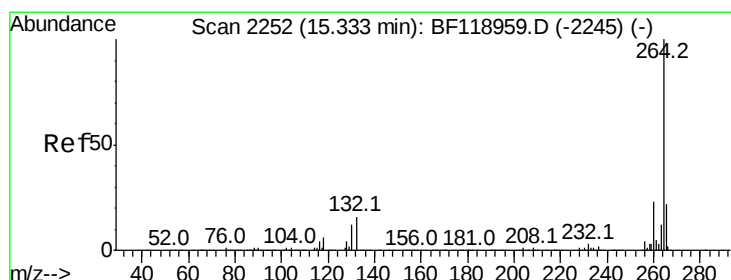
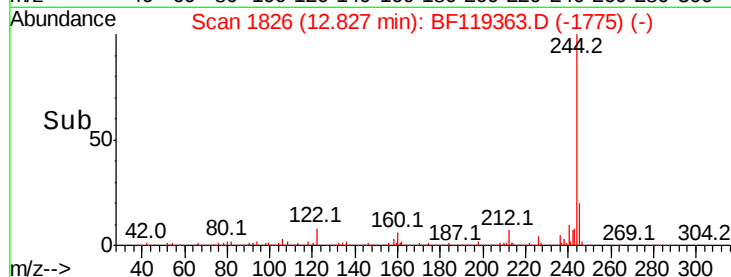
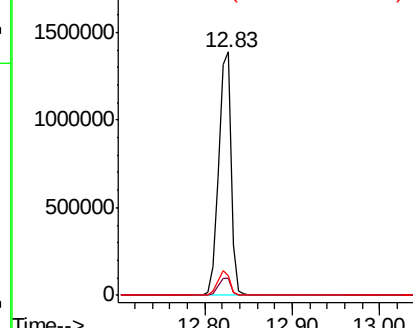
#79
 Terphenyl-d14
 Concen: 83.129 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119363.D
 Acq: 11 Mar 2020 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1379732
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 10.0
 122 8.2 8.2 12.2

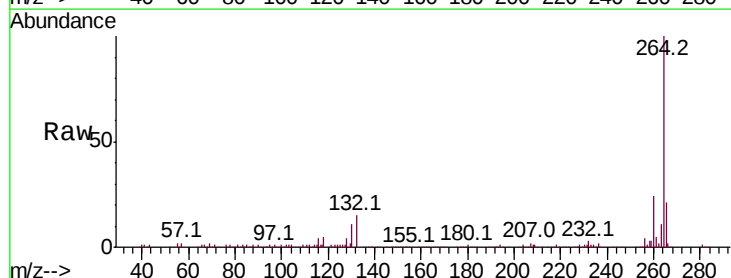


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119363.D
 Acq: 11 Mar 2020 23:40

Tgt Ion:264 Resp: 280556
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.5 17.7 26.5



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

