

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119329.D
 Acq On : 10 Mar 2020 21:22
 Operator : CG/JU
 Sample : L1778-25 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:42:16 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

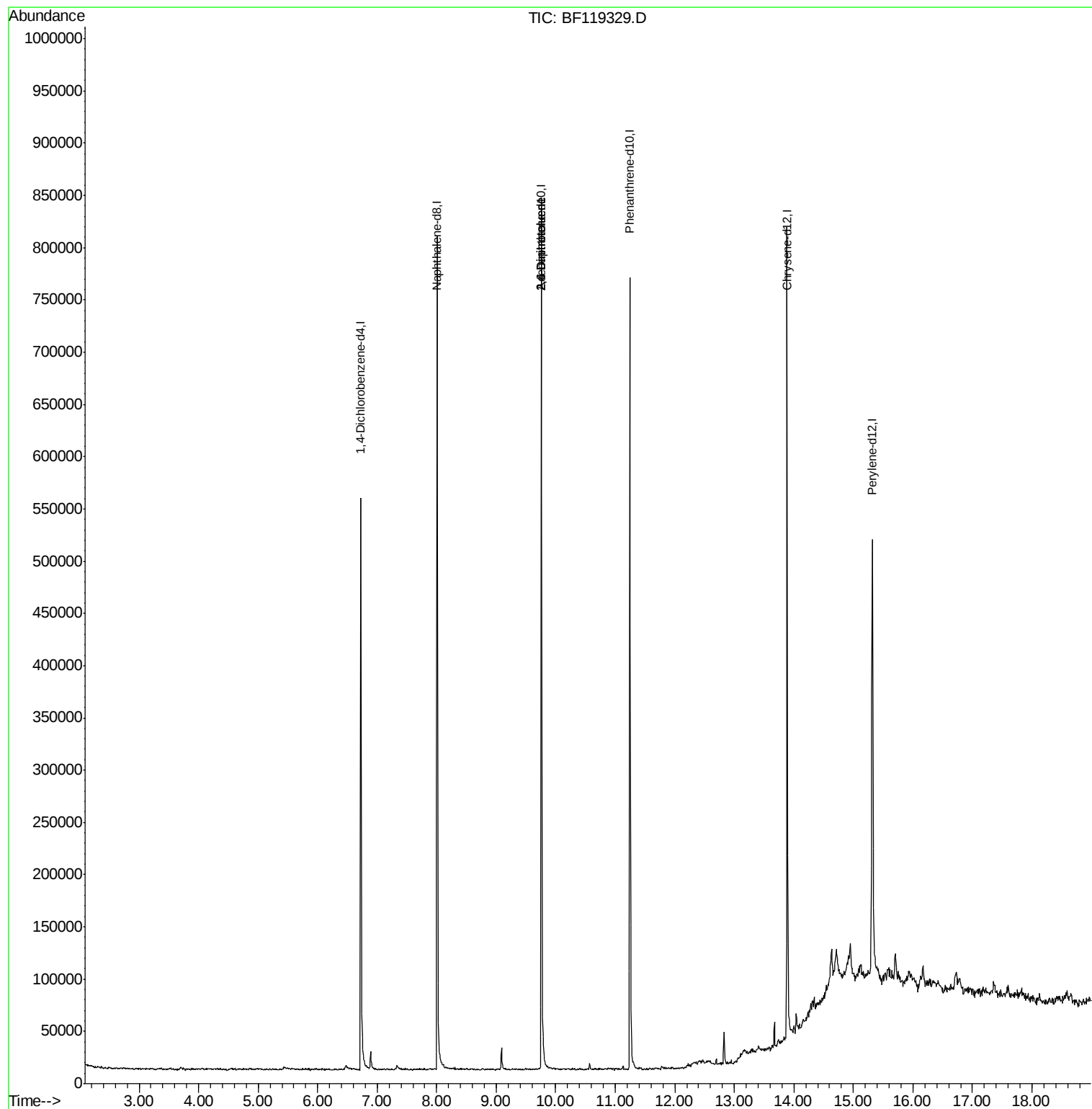
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	108674	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	399173	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	192091	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	313230	20.00	ng	0.00
76) Chrysene-d12	13.89	240	260611	20.00	ng	0.00
87) Perylene-d12	15.32	264	215142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2136	0.33	ng	0.08
7) Phenol-d6	6.46	99	6622	0.84	ng	0.08
23) Nitrobenzene-d5	7.33	82	4593	0.61	ng	0.04
42) 2,4,6-Tribromophenol	10.57	330	1583	0.63	ng	0.01
45) 2-Fluorobiphenyl	9.09	172	12167	0.93	ng	0.00
79) Terphenyl-d14	12.83	244	13909	0.92	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	24714	7.573	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	24714	5.843	ng	# 21

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

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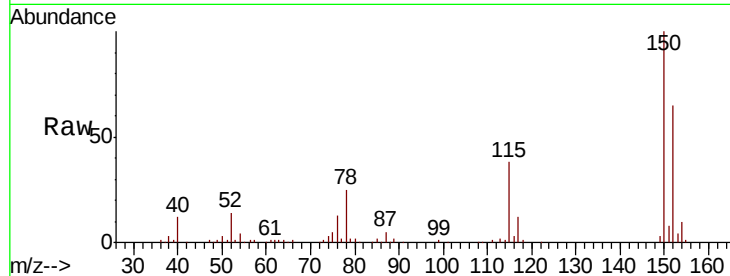


#1

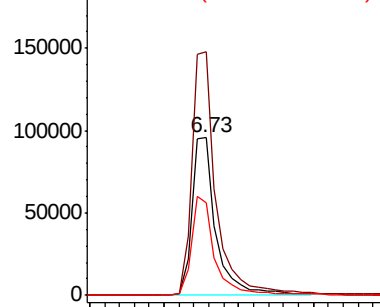
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119329.D
Acq: 10 Mar 2020 21:22

Instrument :
BNA_F
ClientSampleId :

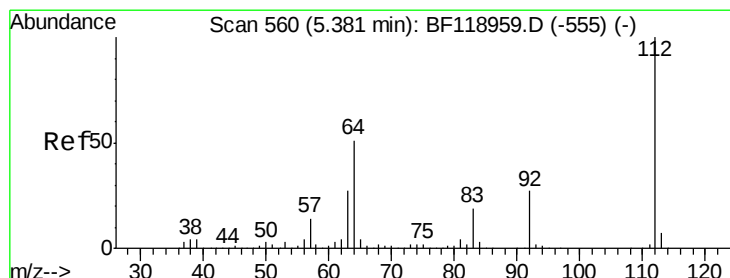
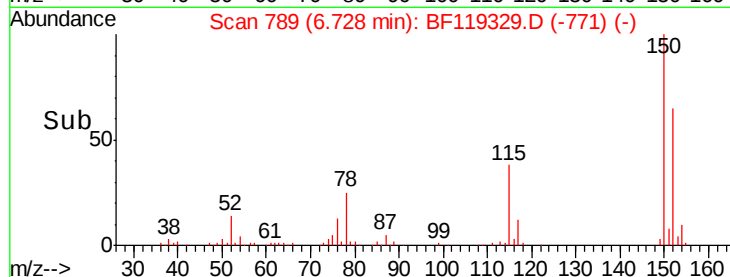
Tot Ion:152 Resp: 108674
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.6
115 58.4 49.5 74.3



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



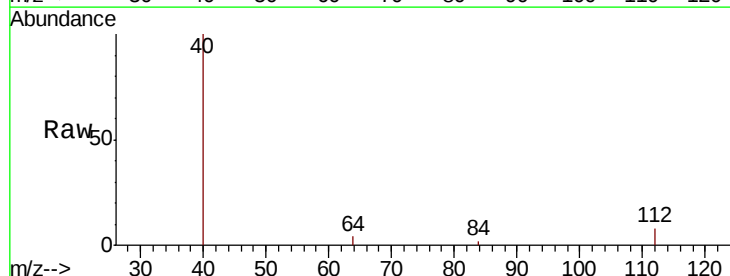
Time--> 6.65 6.70 6.75 6.80



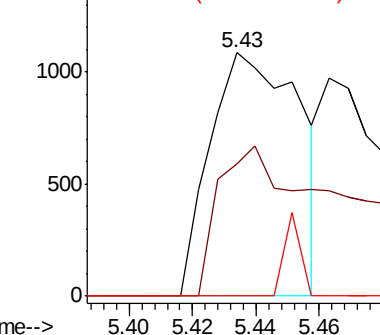
#5

2-Fluorophenol
Concen: 0.328 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.08 min
Lab File: BF119329.D
Acq: 10 Mar 2020 21:22

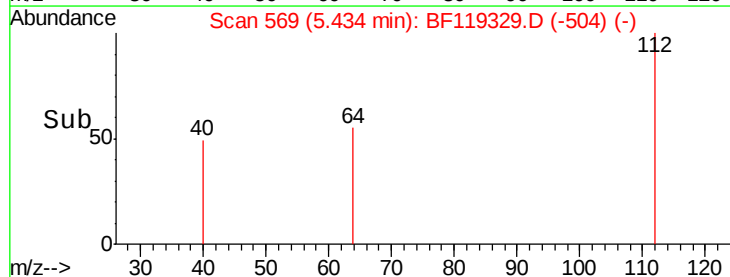
Tgt Ion:112 Resp: 2136
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 0.0 24.2 36.4#



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



Time--> 5.40 5.42 5.44 5.46





#7

Phenol-d6

Concen: 0.837 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.08 min

Lab File: BF119329.D

Acq: 10 Mar 2020 21:22

Instrument :

BNA_F

ClientSampleId :

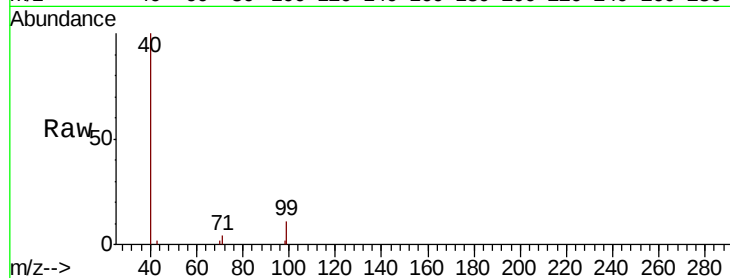
Tot Ion: 99 Resp: 6622

Ion Ratio Lower Upper

99 100

42 0.0 12.6 18.8#

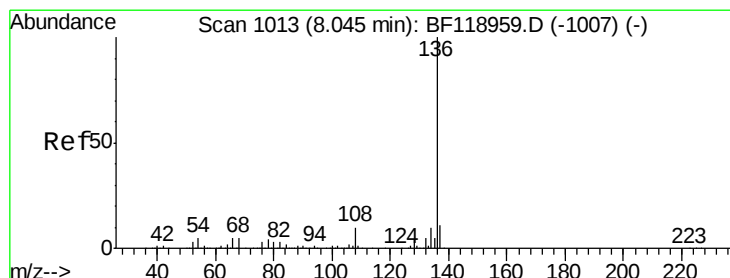
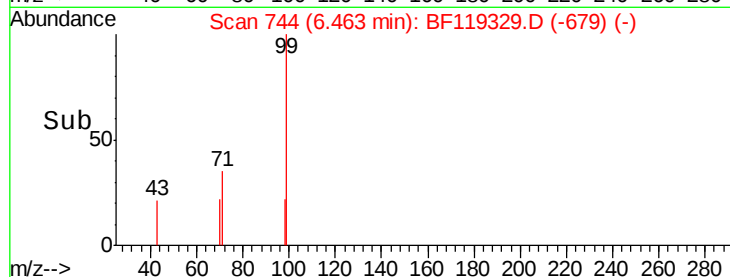
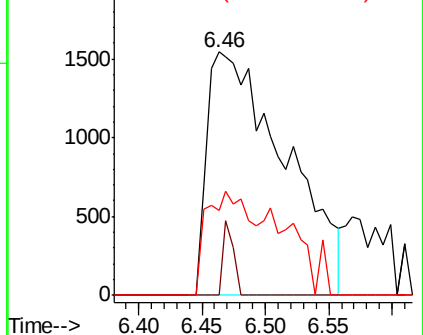
71 34.6 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119329.D

Acq: 10 Mar 2020 21:22

Tgt Ion: 136 Resp: 399173

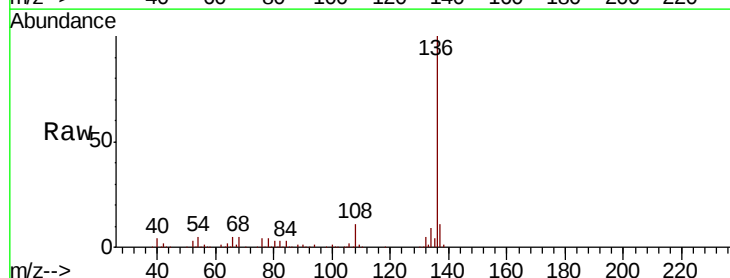
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.2 3.8 5.6

68 5.4 3.9 5.9

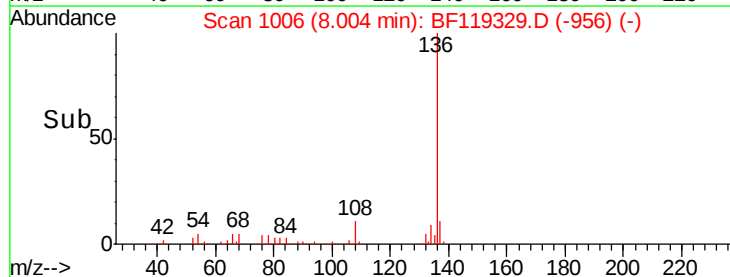
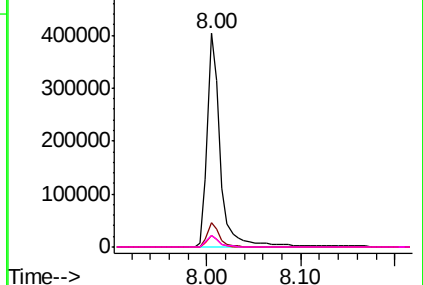


Abundance Ion 136.00 (135.70 to 136.70): E

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

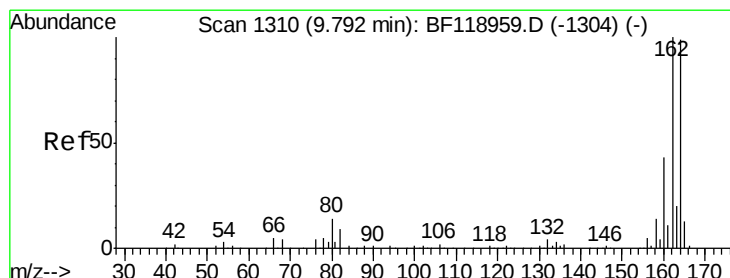
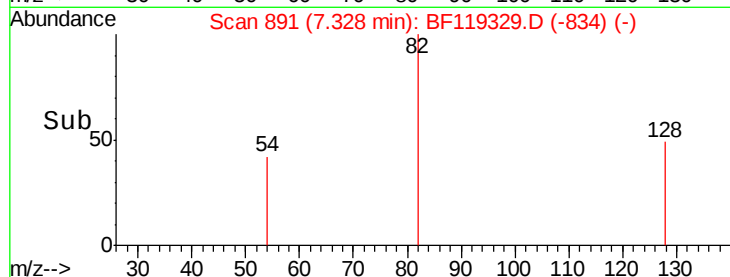
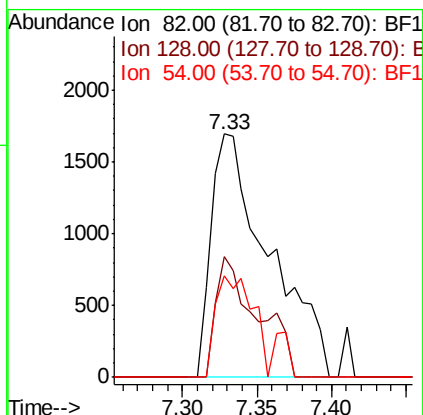
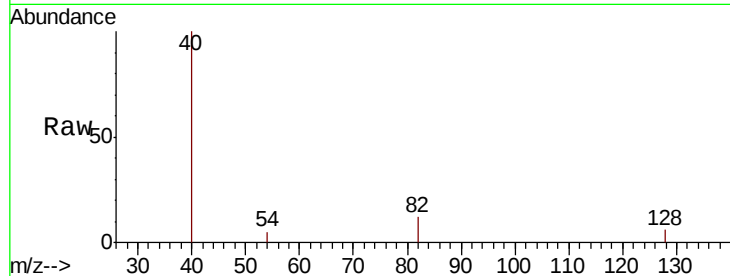




#23
Nitrobenzene-d5
Concen: 0.608 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.04 min
Lab File: BF119329.D
Acq: 10 Mar 2020 21:22

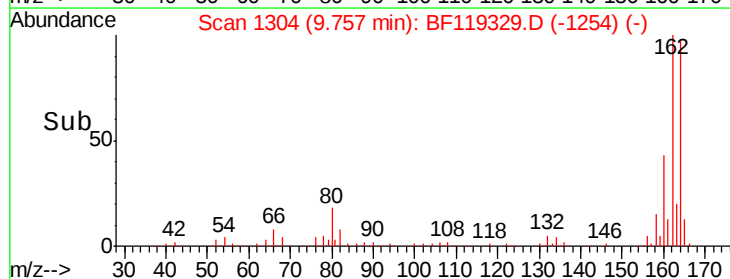
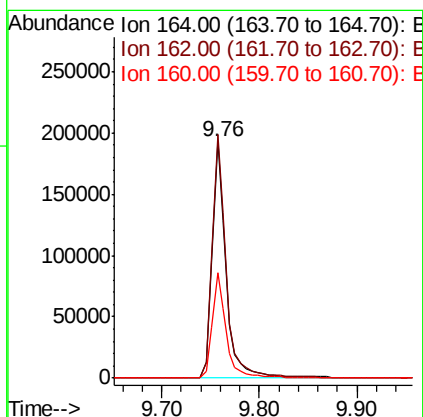
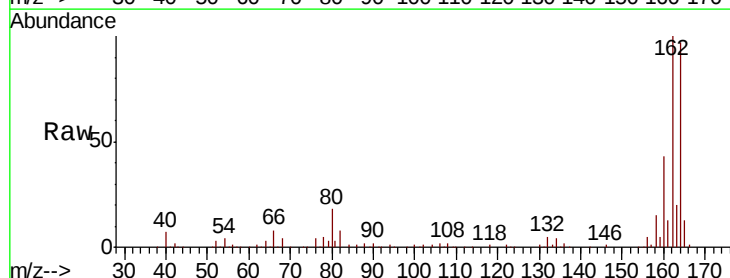
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 4593
Ion Ratio Lower Upper
82 100
128 49.4 37.9 56.9
54 41.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119329.D
Acq: 10 Mar 2020 21:22

Tgt Ion: 164 Resp: 192091
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.8
160 44.6 36.0 54.0

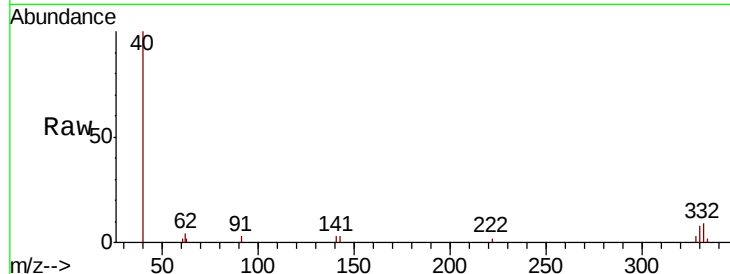




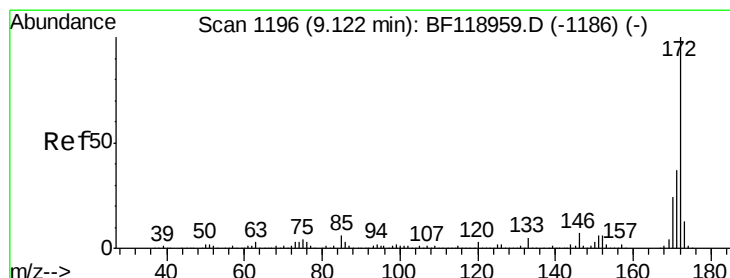
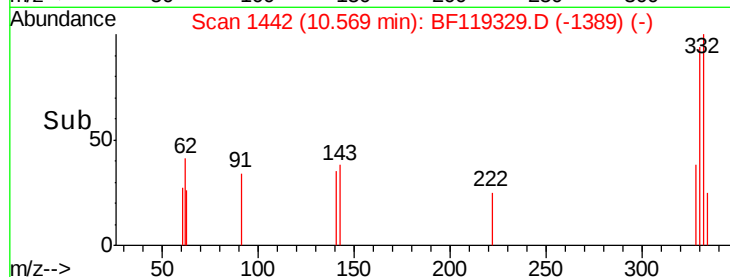
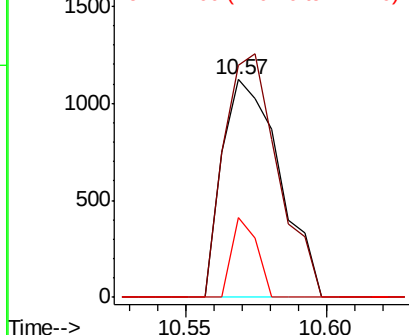
#42
 2,4,6-Tribromophenol
 Concen: 0.630 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF119329.D
 Acq: 10 Mar 2020 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1583
 Ion Ratio Lower Upper
 330 100
 332 104.9 76.0 114.0
 141 16.1 22.9 34.3#

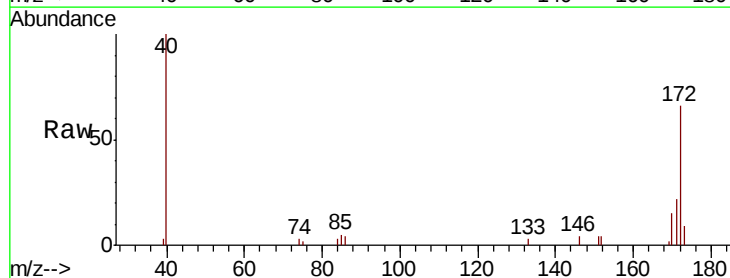


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

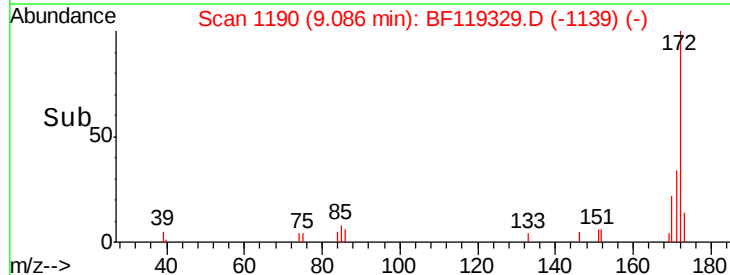
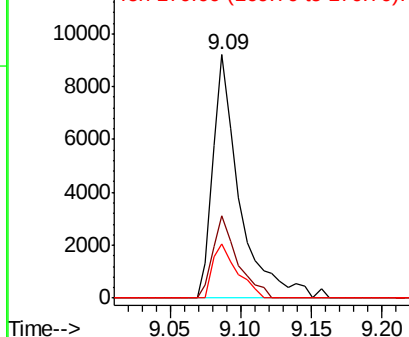


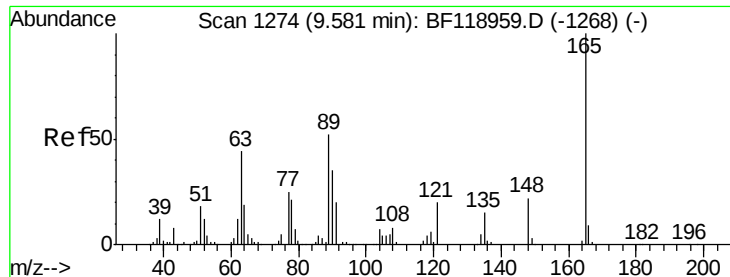
#45
 2-Fluorobiphenyl
 Concen: 0.933 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119329.D
 Acq: 10 Mar 2020 21:22

Tgt Ion:172 Resp: 12167
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.6 45.8
 170 22.1 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

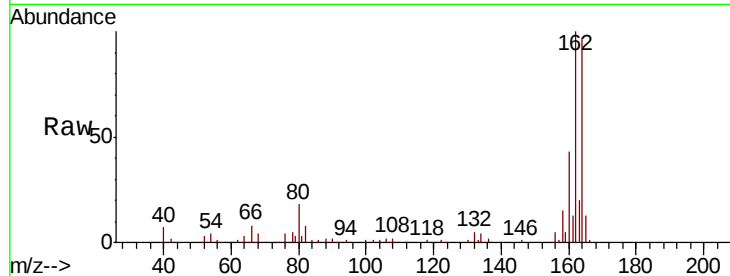




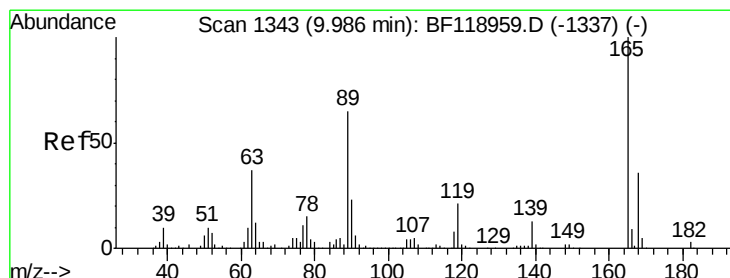
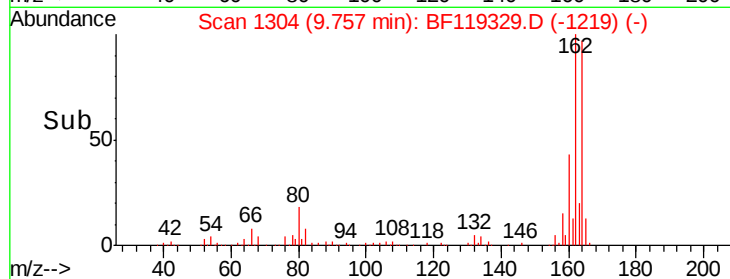
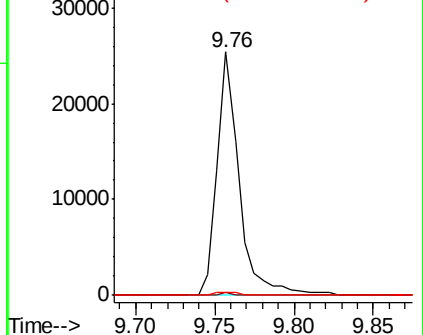
#51
 2,6-Dinitrotoluene
 Concen: 7.573 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119329.D
 Acq: 10 Mar 2020 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24714
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.3 51.5#
 89 1.3 38.3 57.5#

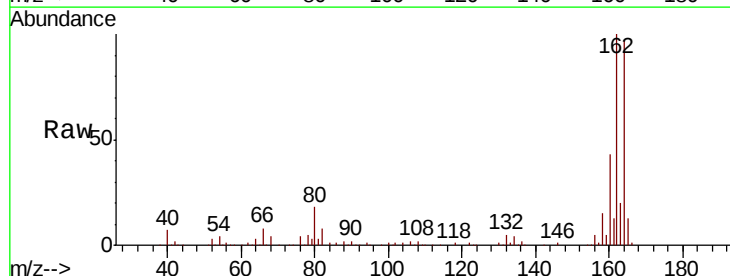


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

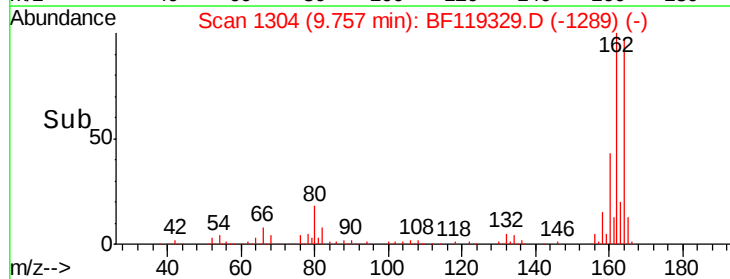
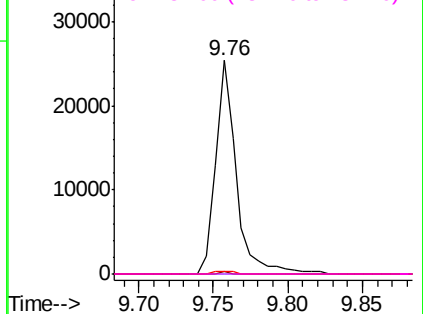


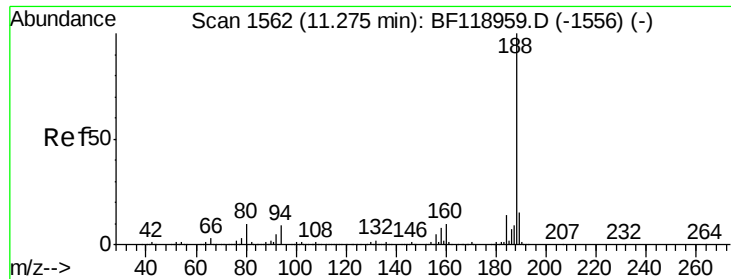
#57
 2,4-Dinitrotoluene
 Concen: 5.843 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119329.D
 Acq: 10 Mar 2020 21:22

Tgt Ion:165 Resp: 24714
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.3 63.5#
 89 1.3 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

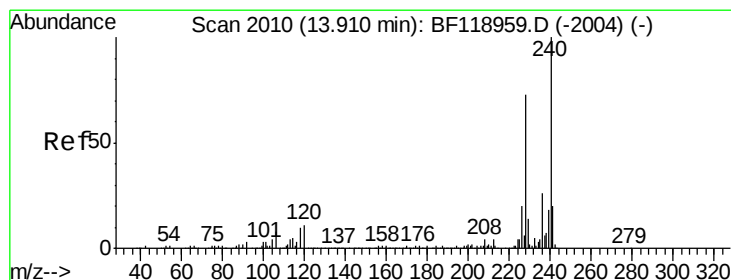
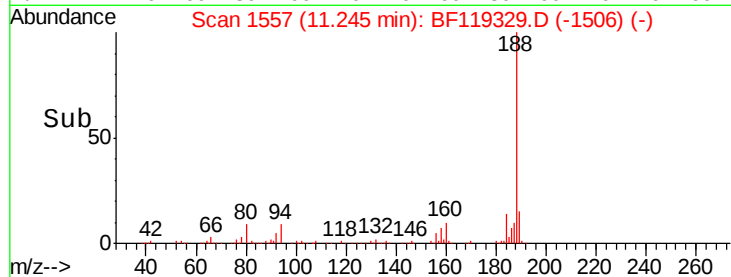
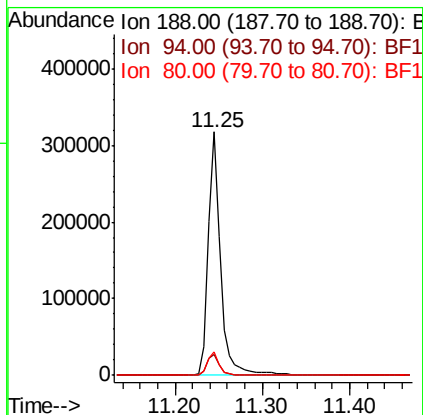
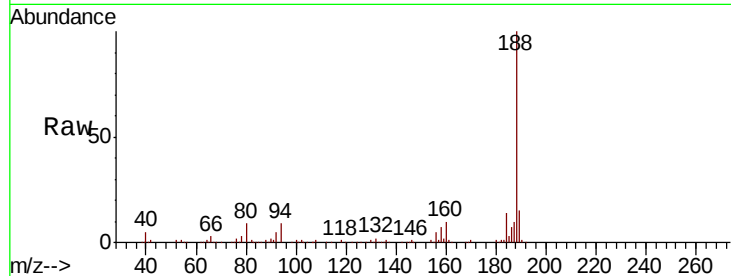




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119329.D
Acq: 10 Mar 2020 21:22

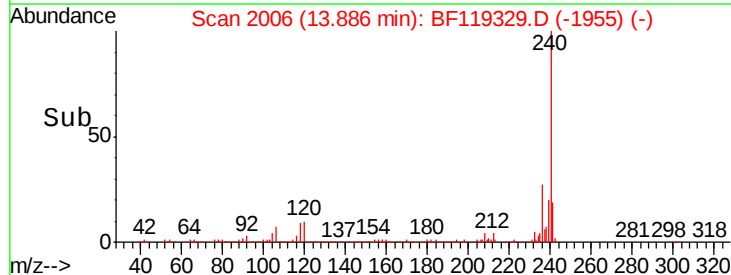
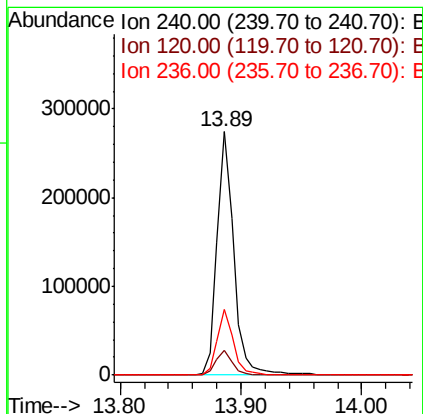
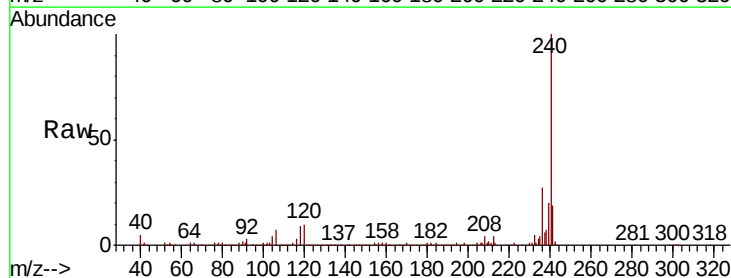
Instrument :
BNA_F
ClientSampleId :

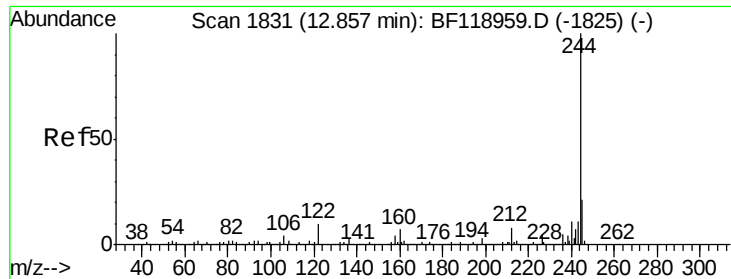
Tot Ion:188 Resp: 313230
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119329.D
Acq: 10 Mar 2020 21:22

Tgt Ion:240 Resp: 260611
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.7 21.0 31.4





#79

Terphenyl-d14

Concen: 0.919 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119329.D

Acq: 10 Mar 2020 21:22

Instrument :

BNA_F

ClientSampleId :

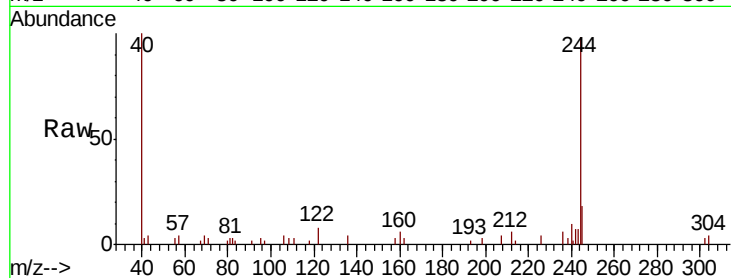
Tot Ion:244 Resp: 13909

Ion Ratio Lower Upper

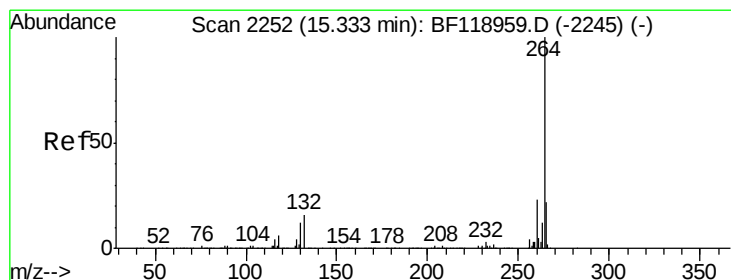
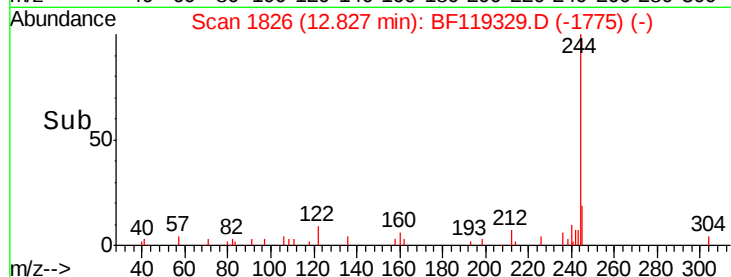
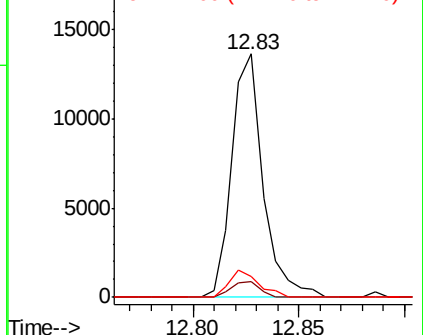
244 100

212 6.6 6.6 10.0#

122 8.7 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: BF119329.D

Acq: 10 Mar 2020 21:22

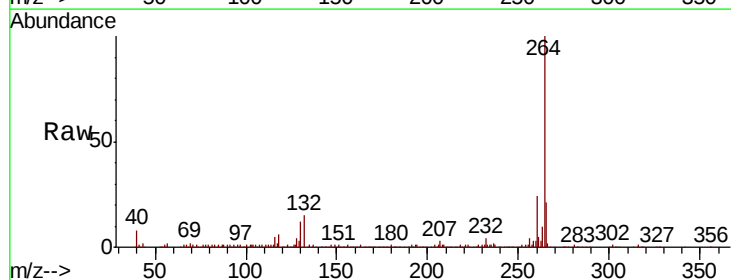
Tgt Ion:264 Resp: 215142

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.2 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

