

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 11:30:39 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

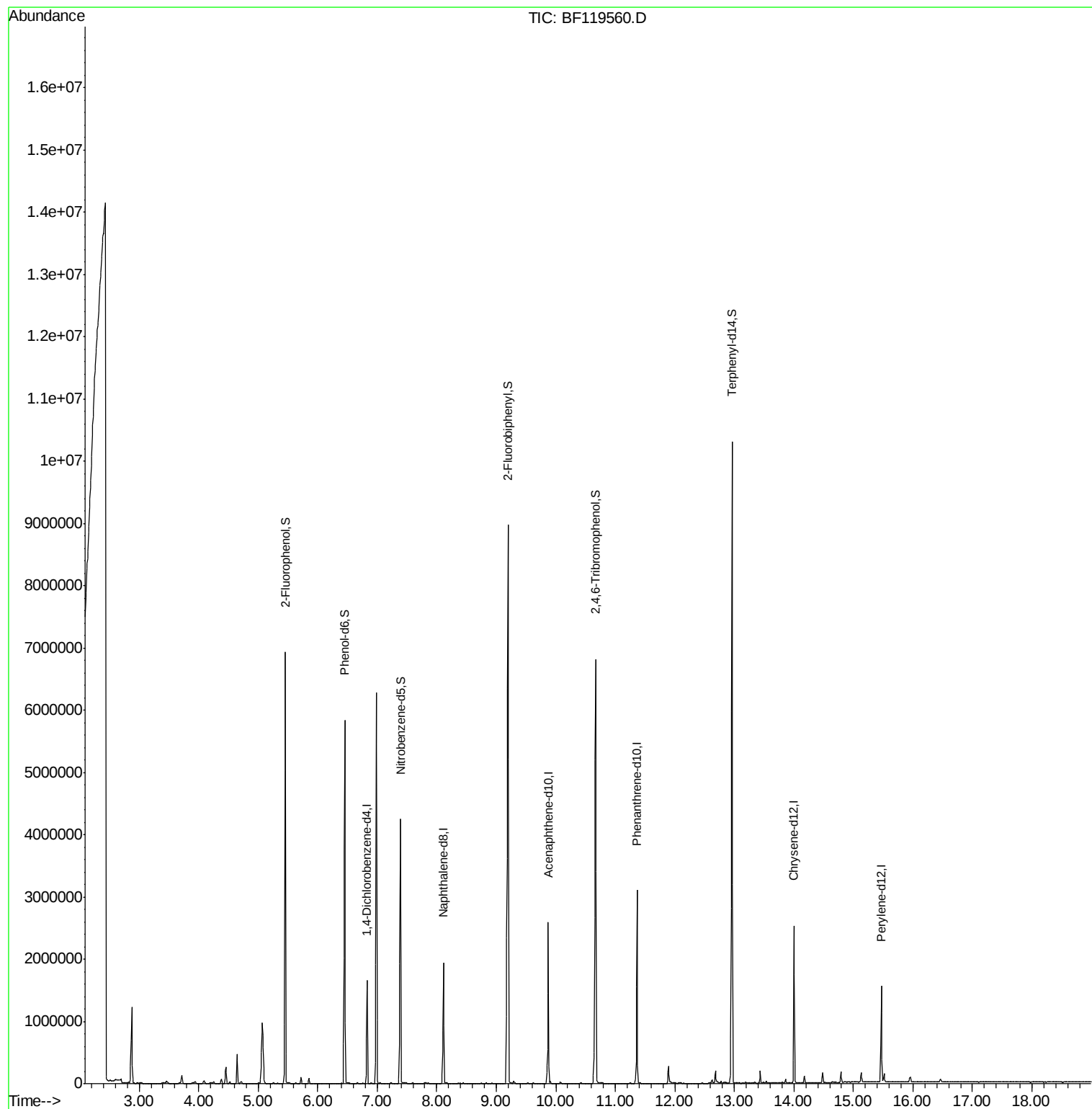
Target Compounds Qvalue

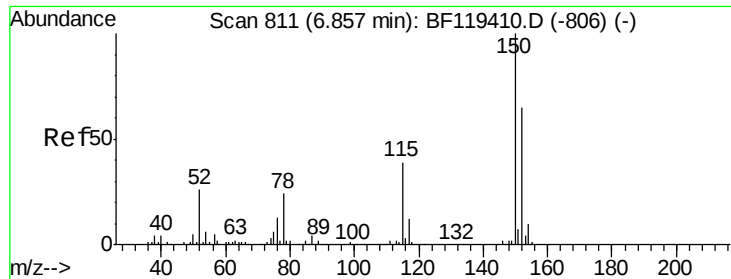
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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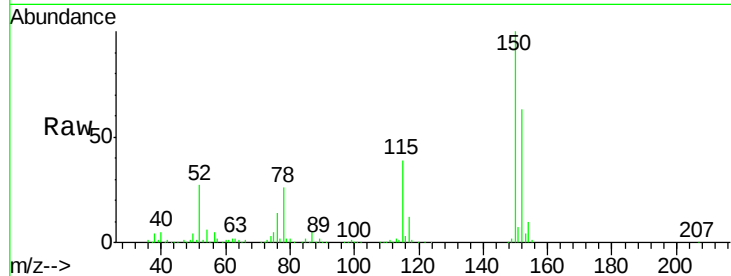


#1

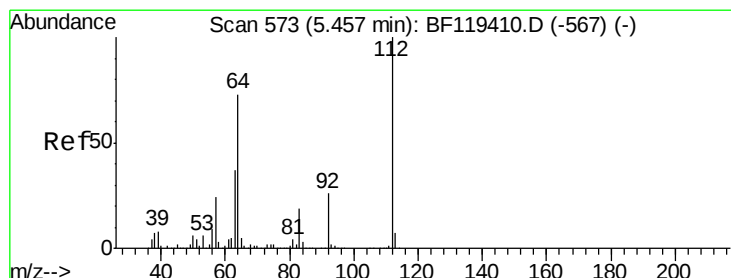
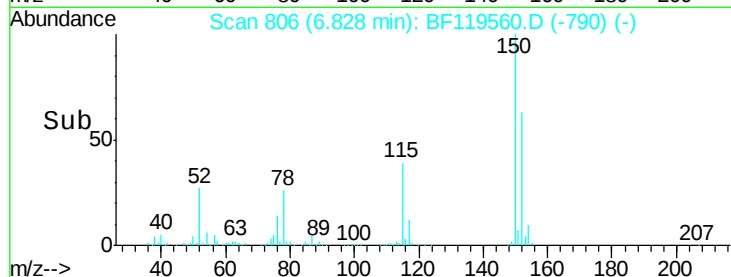
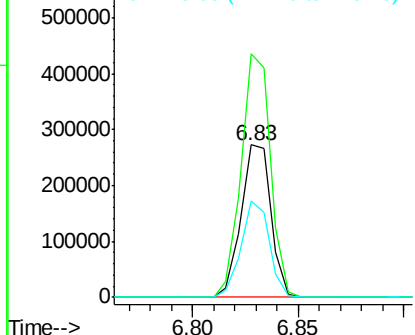
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

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



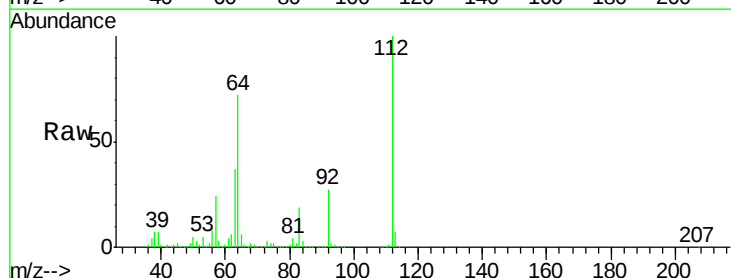
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



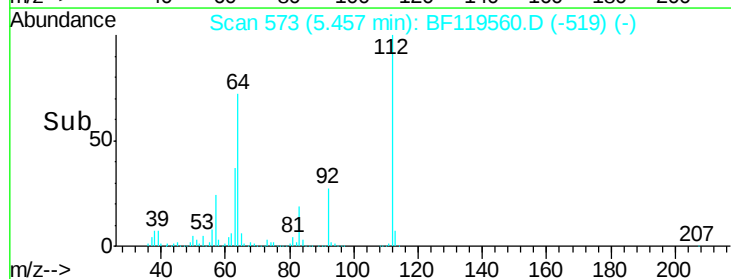
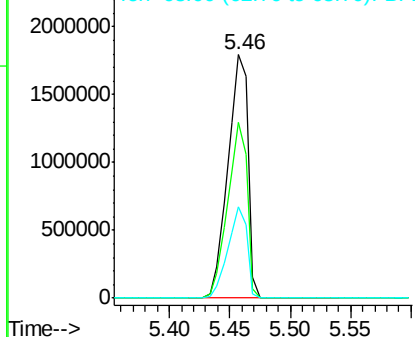
#5

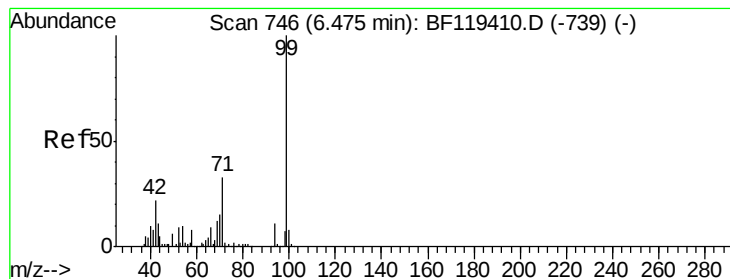
2-Fluorophenol
Concen: 123.145 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

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

ClientSampleId :

RO-350

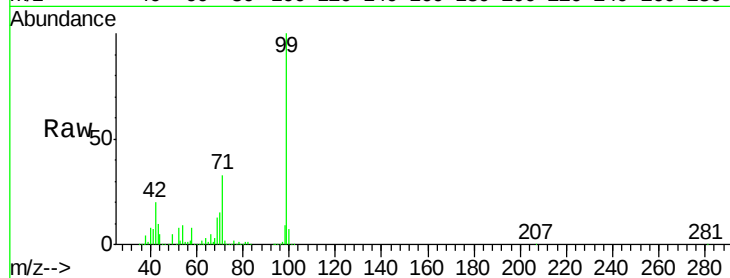
Tot Ion: 99 Resp: 2263092

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

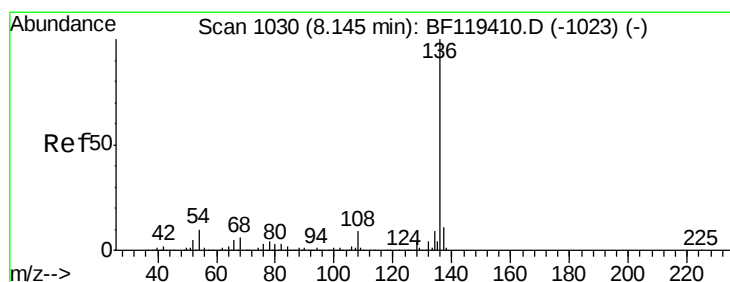
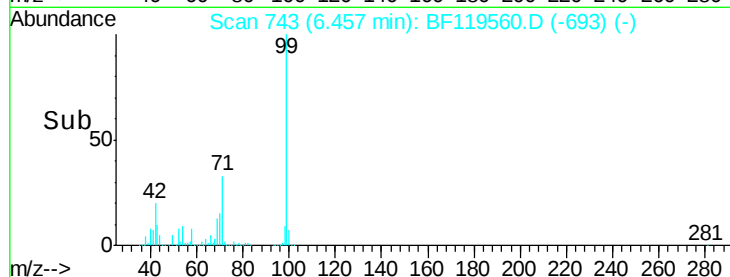
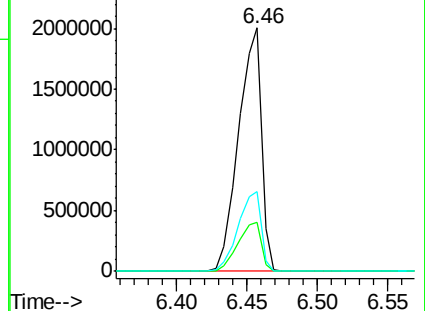
71 32.7 26.4 39.6



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



#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

Tgt Ion: 136 Resp: 1036327

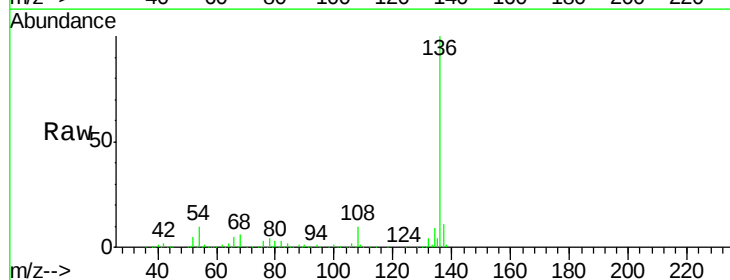
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.5 9.1 13.7

68 5.6 4.6 6.8

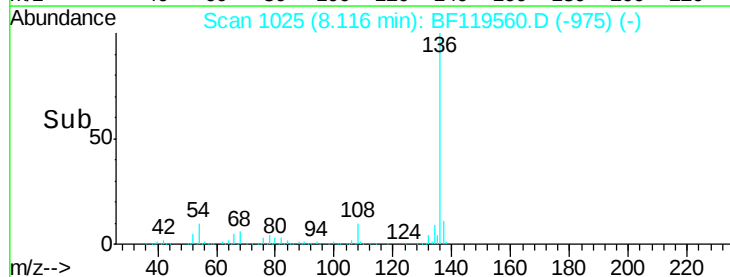
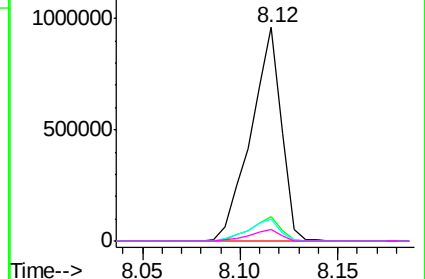


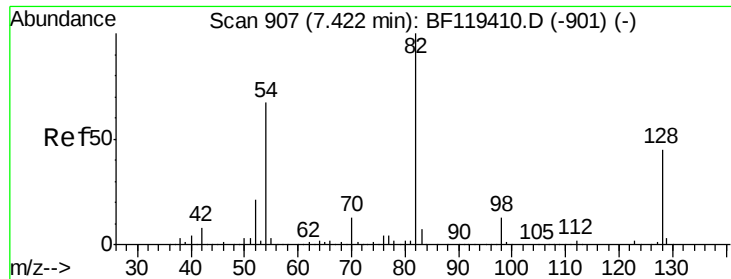
Abundance Ion 136.00 (135.70 to 136.70): E

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

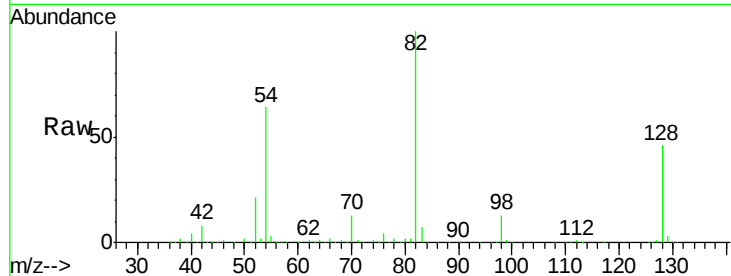




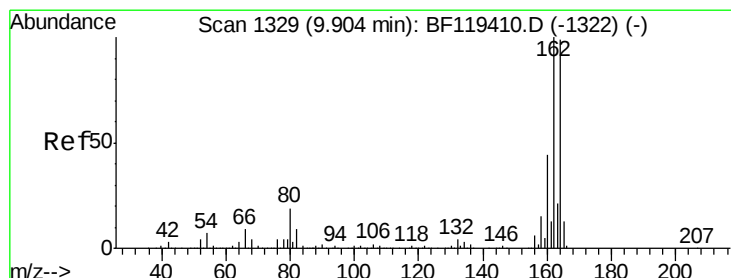
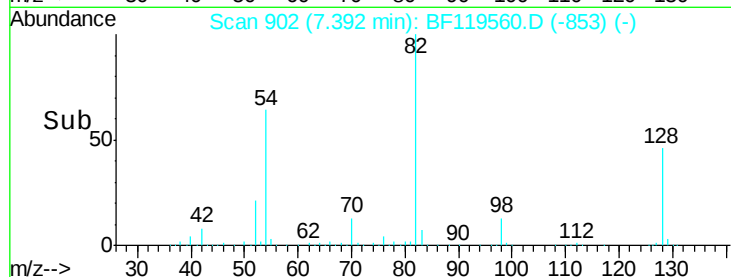
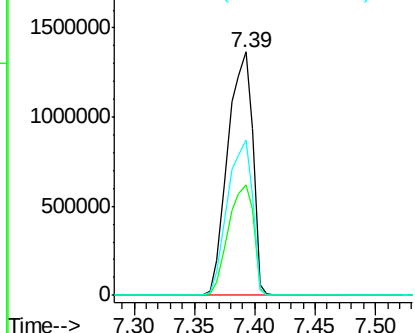
#23
Nitrobenzene-d5
Concen: 102.753 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

Instrument :
BNA_F
ClientSampleId :
RO-350

Tot Ion: 82 Resp: 1959335
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 63.6 50.6 75.8

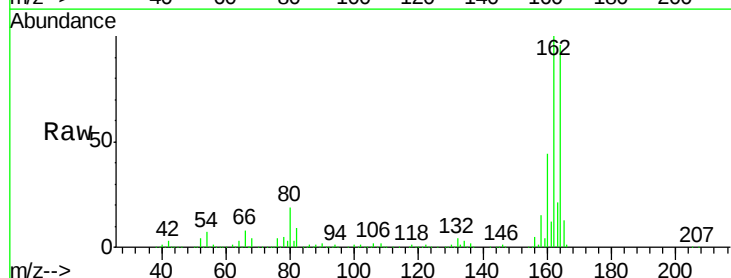


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

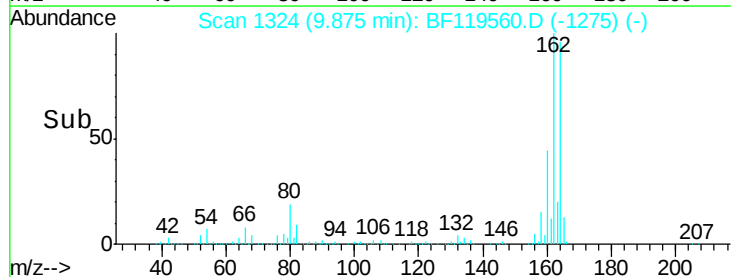
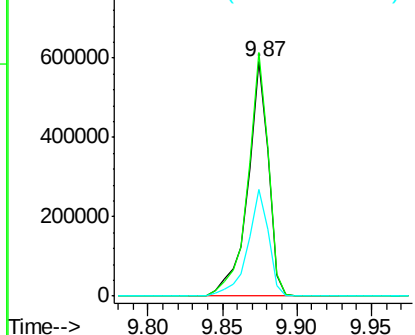


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

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): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#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

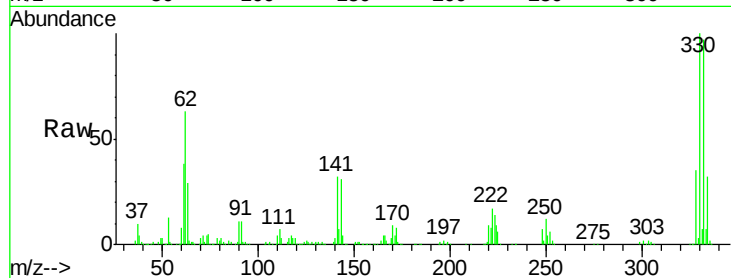
Tot Ion:330 Resp: 961360

Ion Ratio Lower Upper

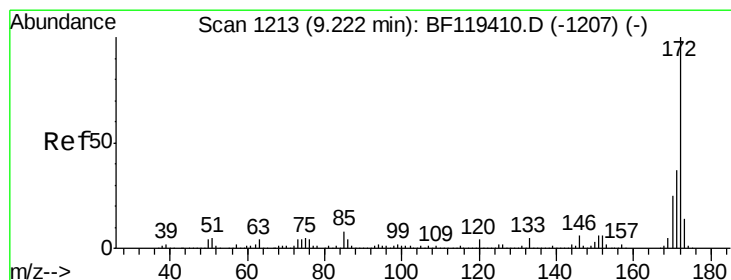
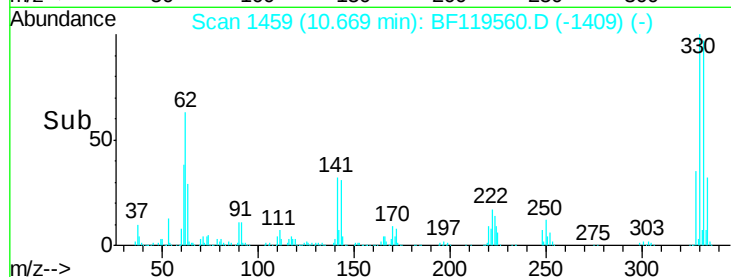
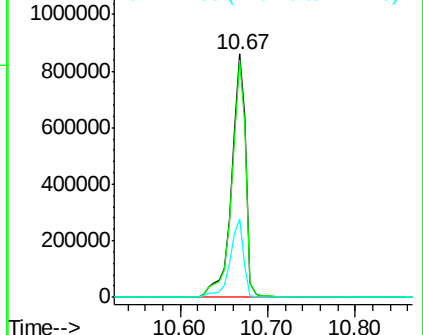
330 100

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

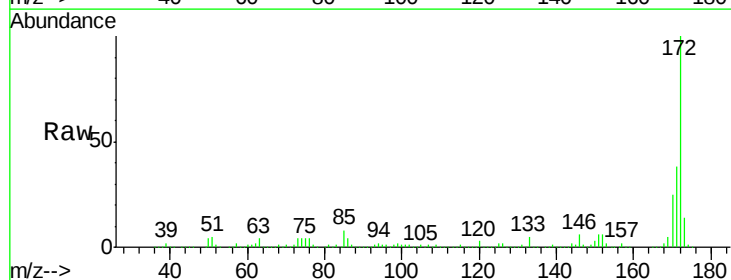
Tgt Ion:172 Resp: 3694769

Ion Ratio Lower Upper

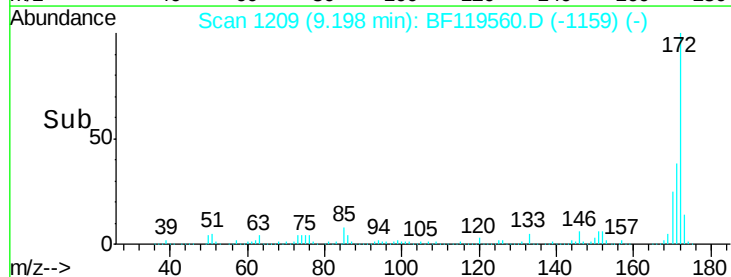
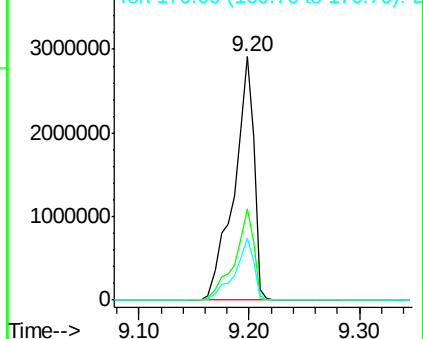
172 100

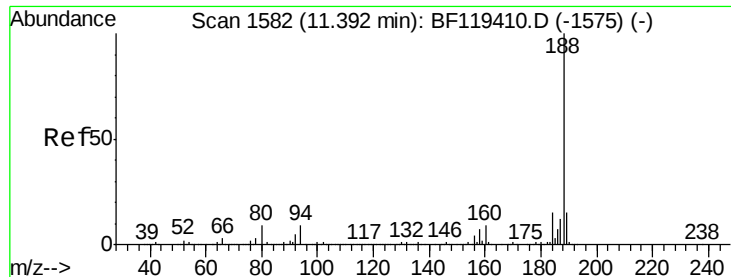
171 37.7 29.6 44.4

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

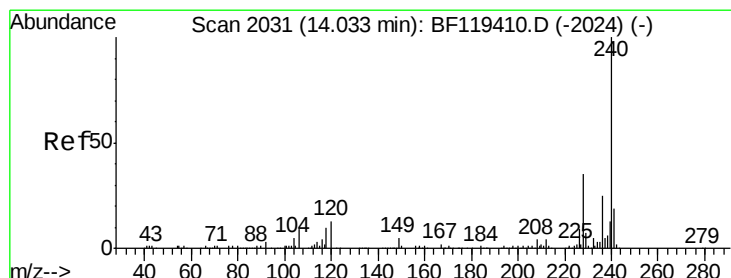
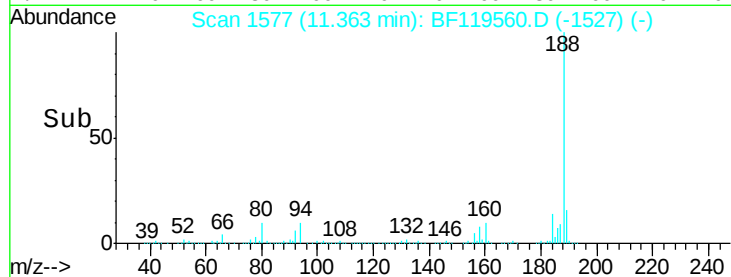
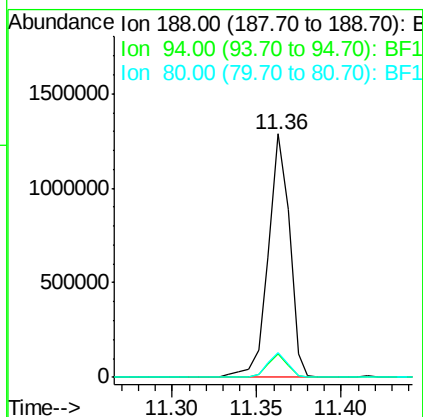
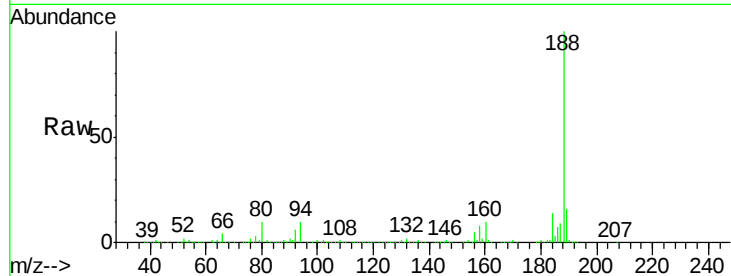




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119560.D
Acq: 27 Mar 2020 10:56

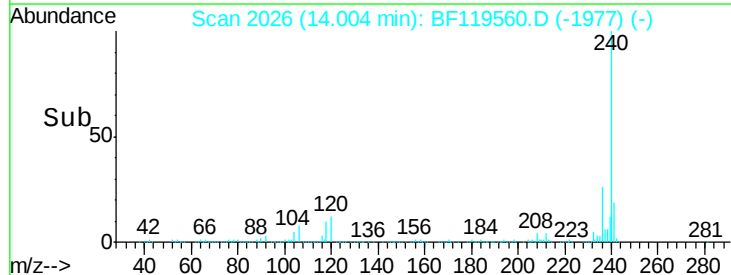
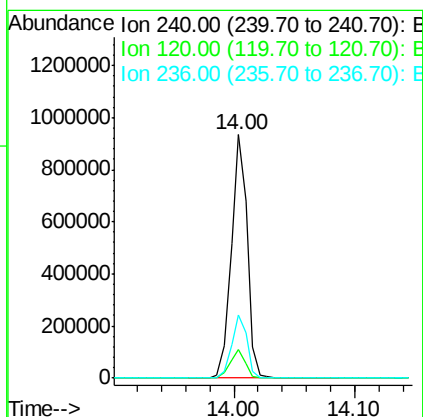
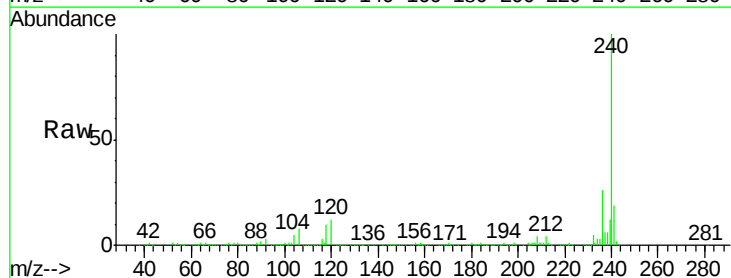
Instrument :
BNA_F
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RO-350

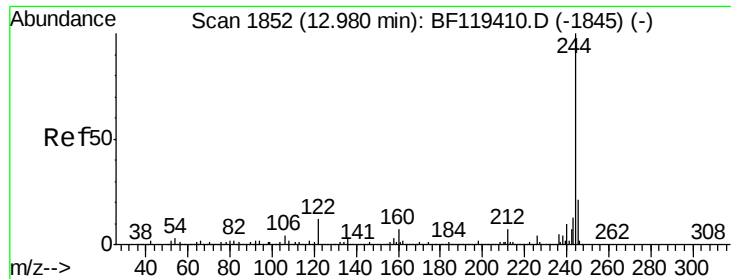
Tot Ion:188 Resp: 1127553
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.3 9.0 13.4



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

RO-350

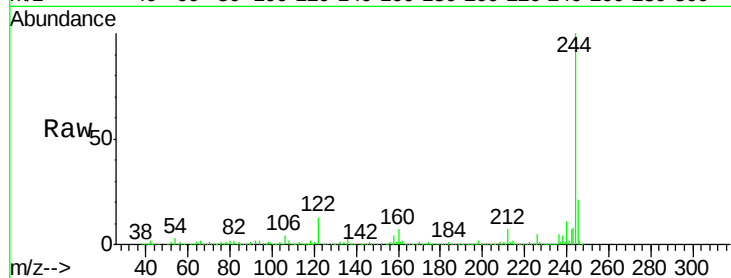
Tot Ion:244 Resp: 4219910

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

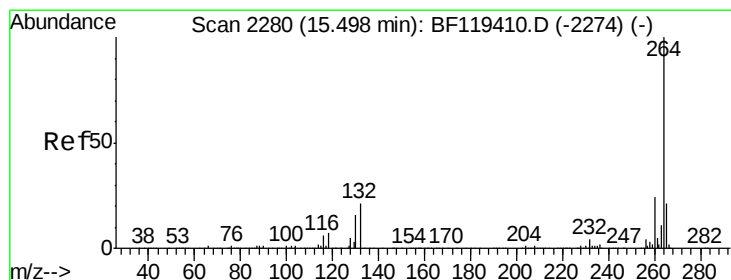
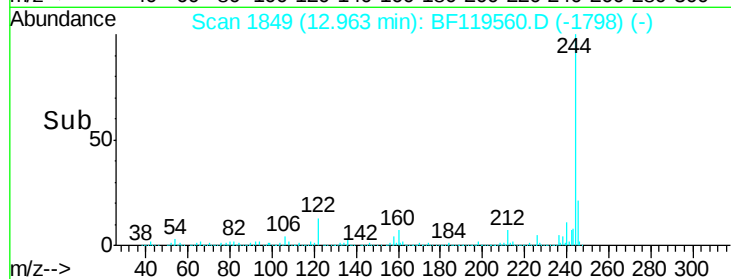
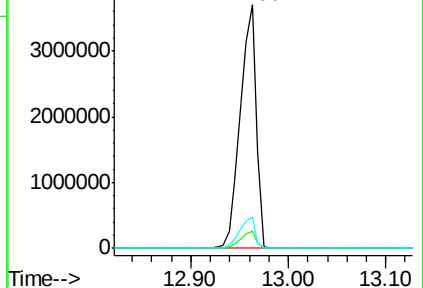
122 13.0 10.3 15.5



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

Perylene-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

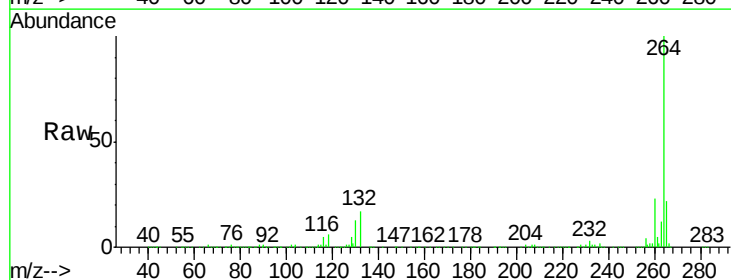
Tgt Ion:264 Resp: 695769

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

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

