

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119350.D
 Acq On : 11 Mar 2020 16:56
 Operator : CG/JU
 Sample : L1864-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Mar 11 17:35:16 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

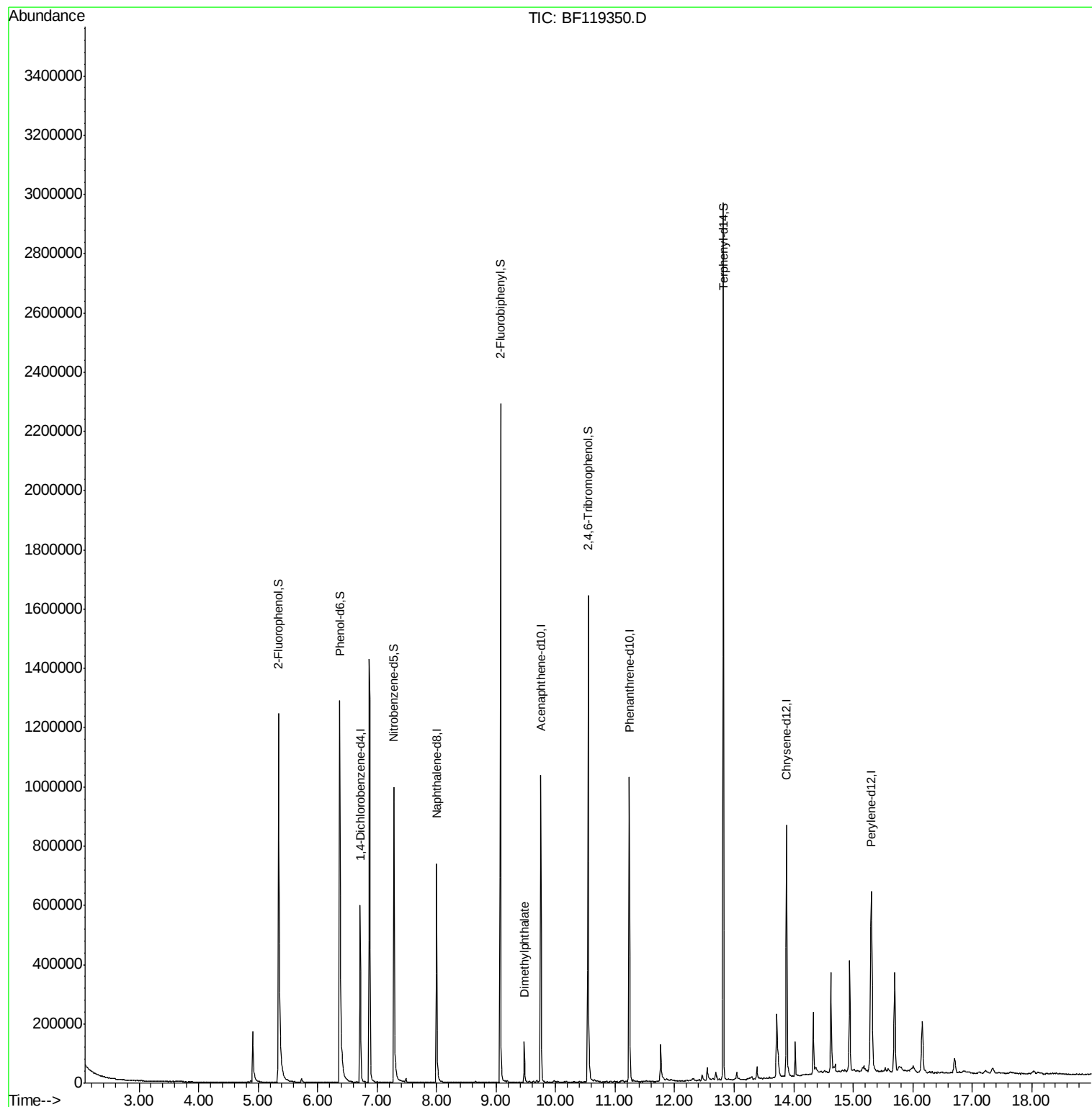
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93788	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	364946	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	208636	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	410733	20.00	ng	0.00
76) Chrysene-d12	13.88	240	290795	20.00	ng	0.00
87) Perylene-d12	15.31	264	266215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	510053	90.88	ng	0.00
7) Phenol-d6	6.37	99	646395	94.71	ng	0.00
23) Nitrobenzene-d5	7.28	82	416323	60.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	227928	83.51	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	742948	52.46	ng	-0.01
79) Terphenyl-d14	12.82	244	1071779	63.46	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	69980	4.386	ng	Qvalue 99

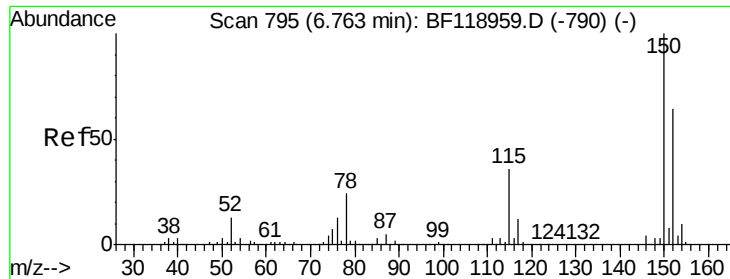
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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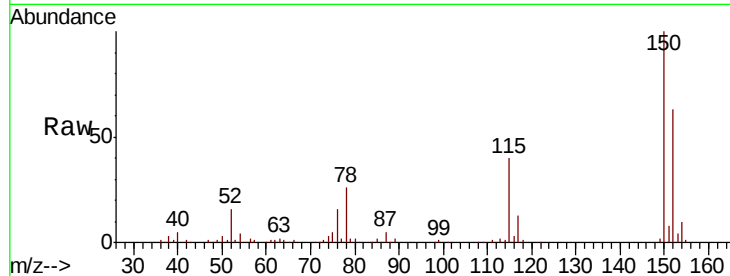


#1

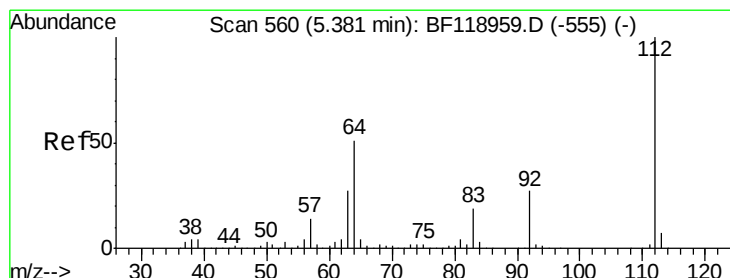
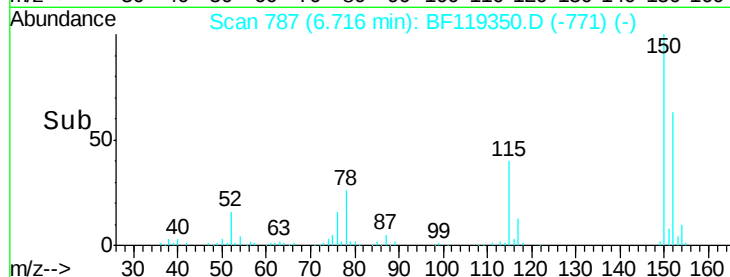
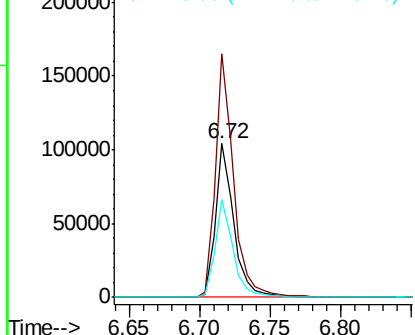
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion:152 Resp: 93788
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.6
115 63.5 49.5 74.3



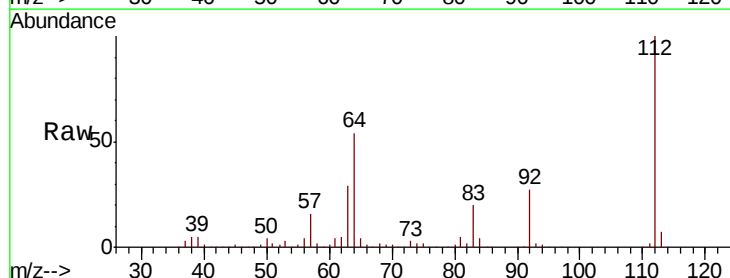
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



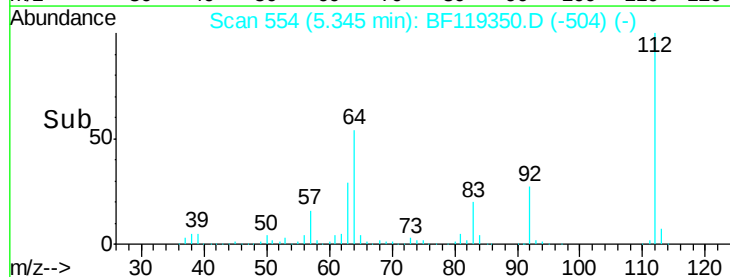
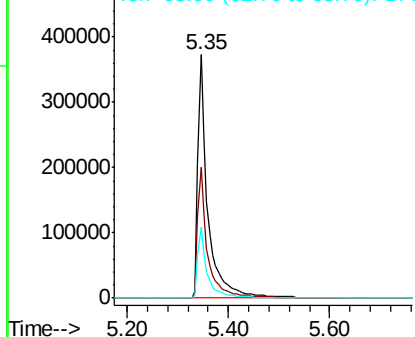
#5

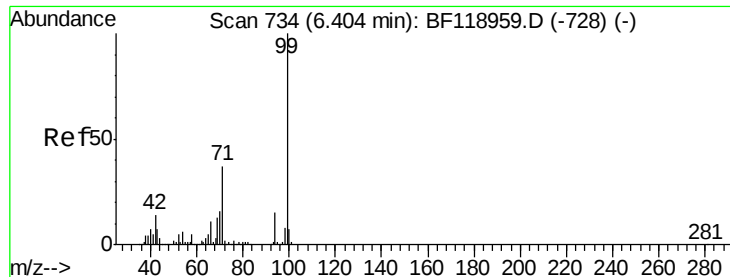
2-Fluorophenol
Concen: 90.885 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

Tgt Ion:112 Resp: 510053
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 29.0 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





#7

Phenol-d6

Concen: 94.705 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SP-2

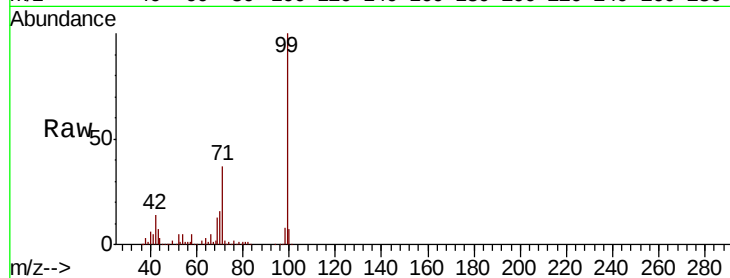
Tot Ion: 99 Resp: 646395

Ion Ratio Lower Upper

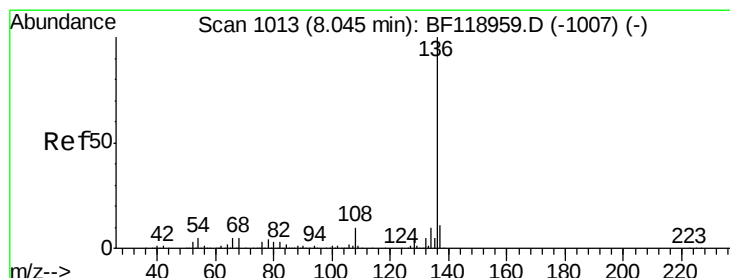
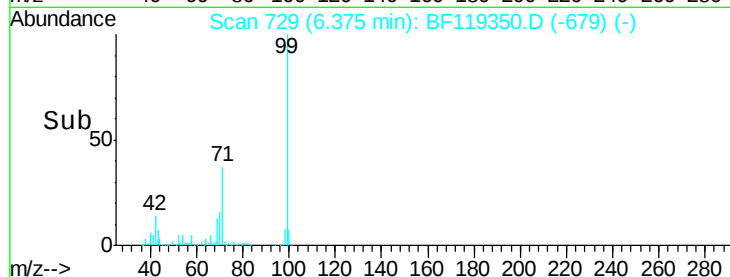
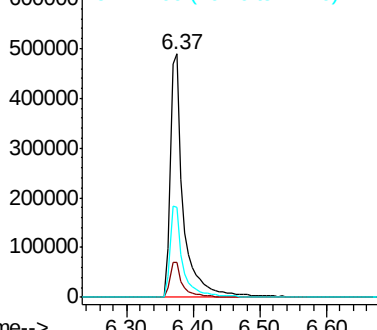
99 100

42 14.1 12.6 18.8

71 36.9 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# 1005

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Tgt Ion: 136 Resp: 364946

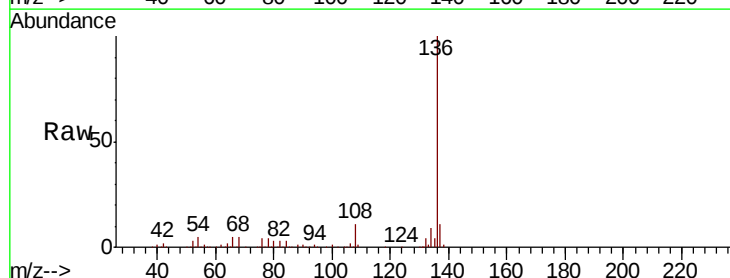
Ion Ratio Lower Upper

136 100

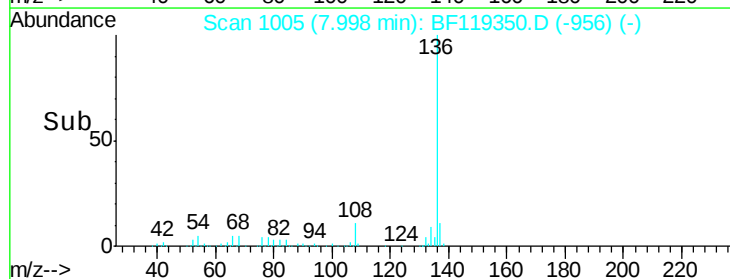
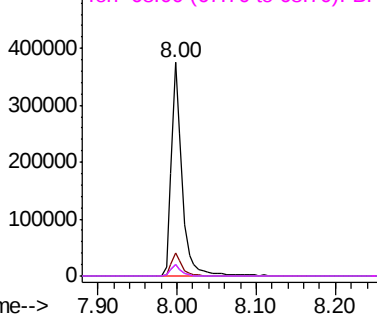
137 10.9 8.8 13.2

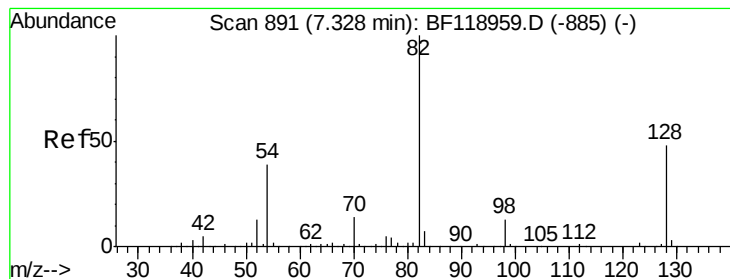
54 5.1 3.8 5.6

68 5.3 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: 60.233 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampled :

SP-2

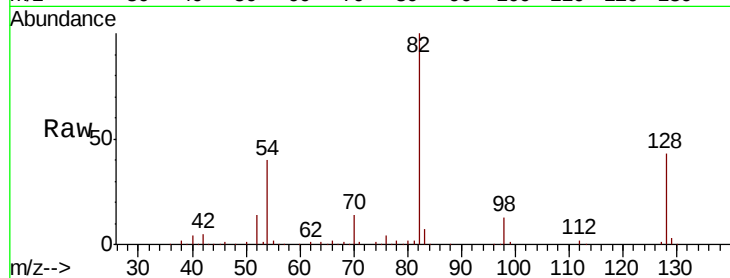
Tot Ion: 82 Resp: 416323

Ion Ratio Lower Upper

82 100

128 42.8 37.9 56.9

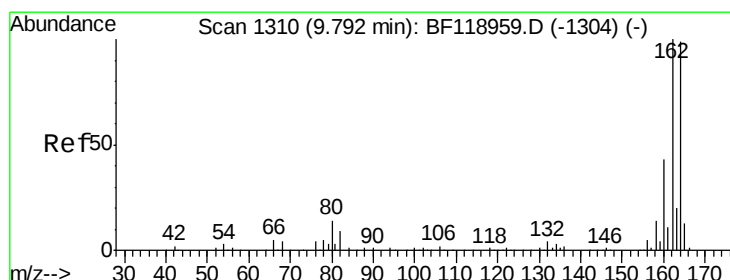
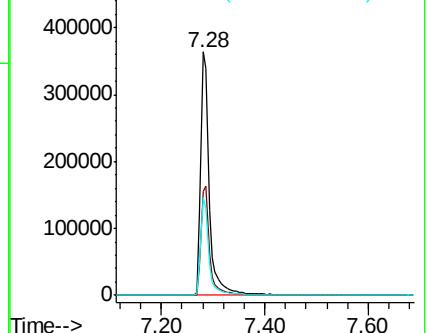
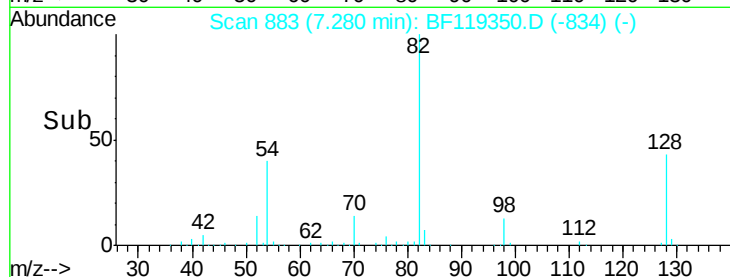
54 40.2 33.4 50.2



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

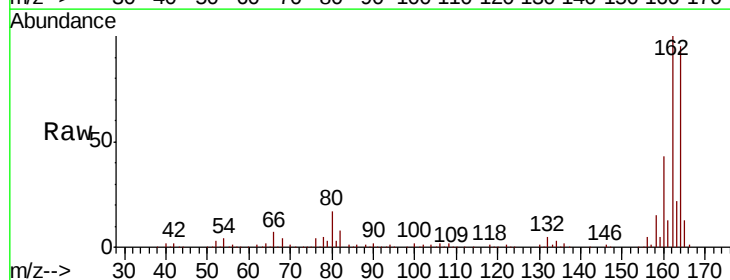
Tgt Ion: 164 Resp: 208636

Ion Ratio Lower Upper

164 100

162 105.1 81.8 122.8

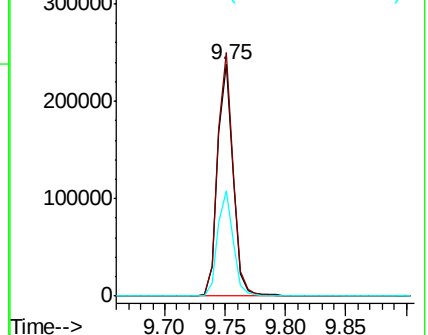
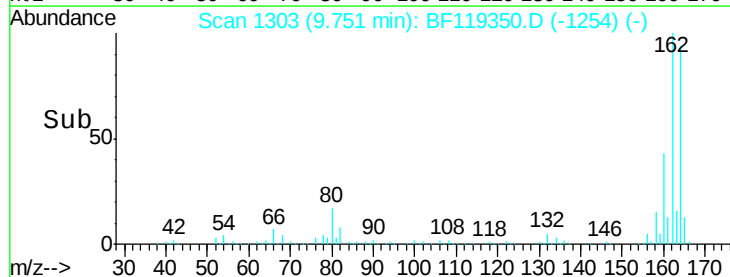
160 45.6 36.0 54.0

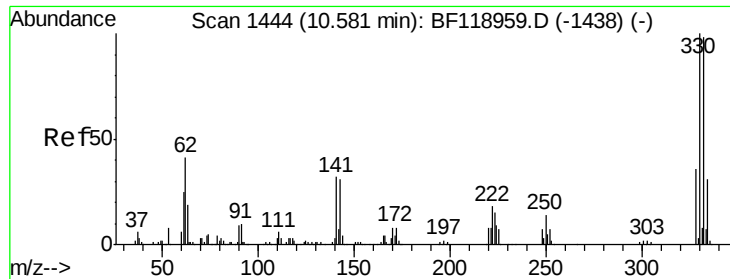


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

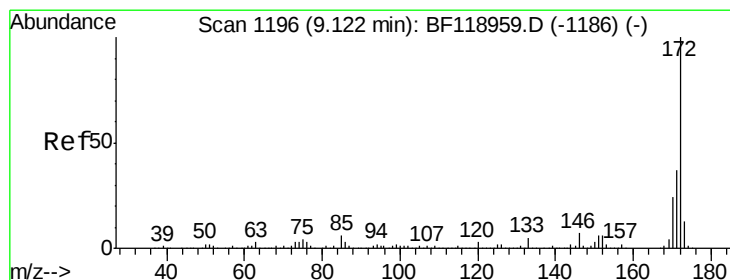
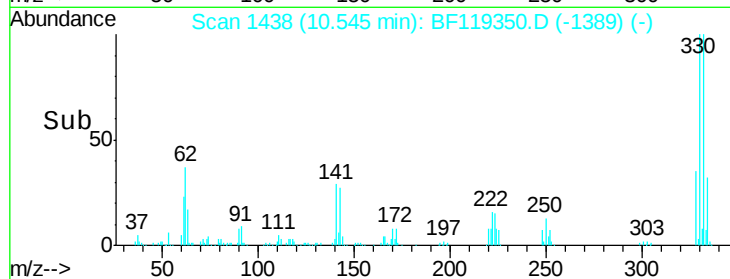
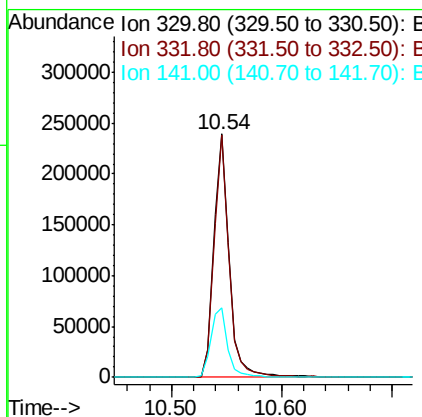
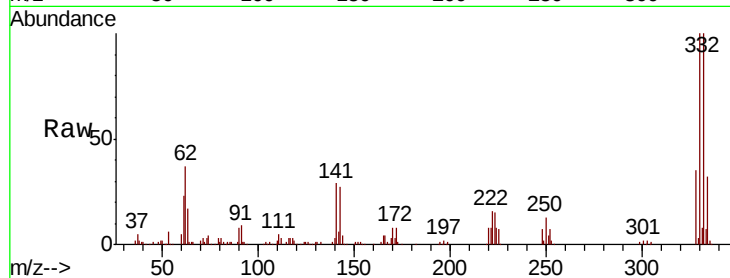




#42
 2,4,6-Tribromophenol
 Concen: 83.511 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

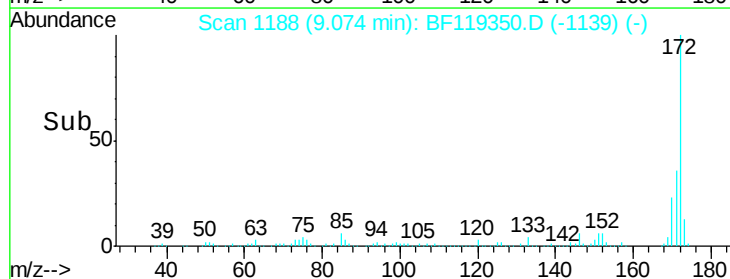
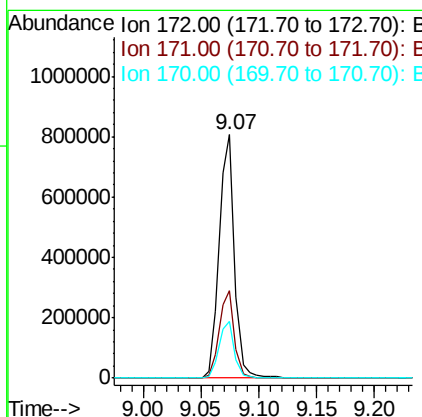
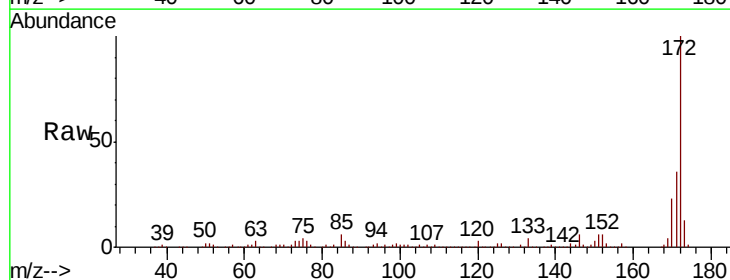
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

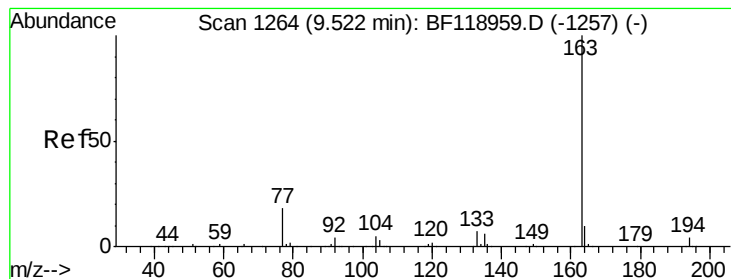
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.0	114.0
141	30.9	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 52.459 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	45.8
170	23.3	20.2	30.2





#50

Dimethylphthalate

Concen: 4.386 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SP-2

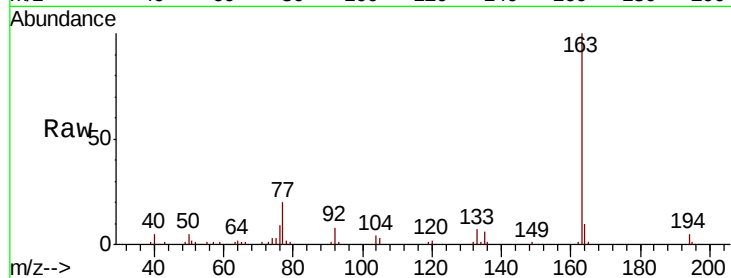
Tot Ion:163 Resp: 69980

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

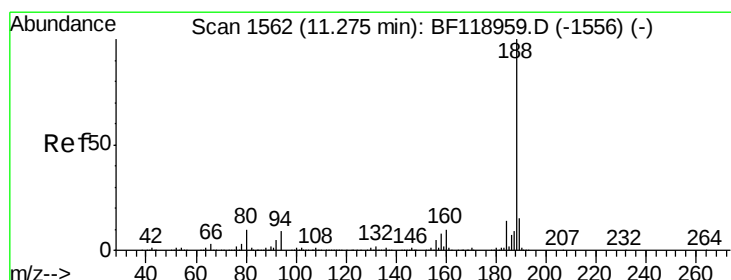
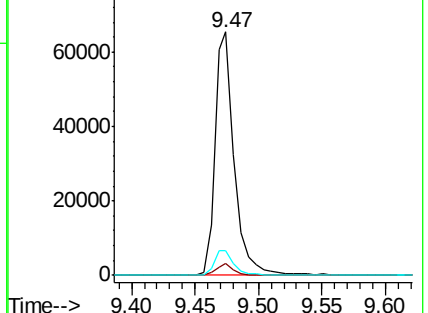
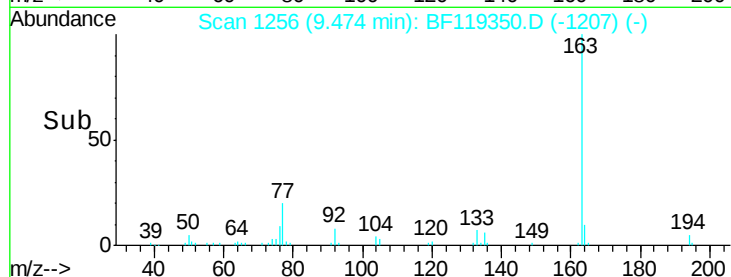
164 10.0 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

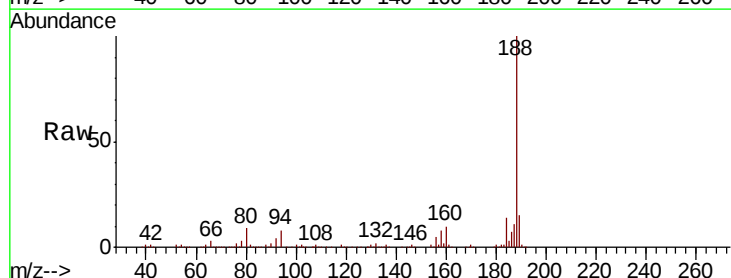
Tgt Ion:188 Resp: 410733

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

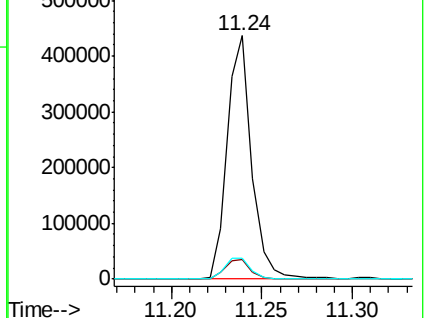
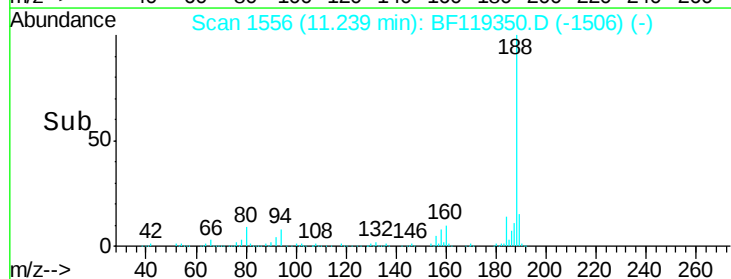
80 8.7 7.8 11.8

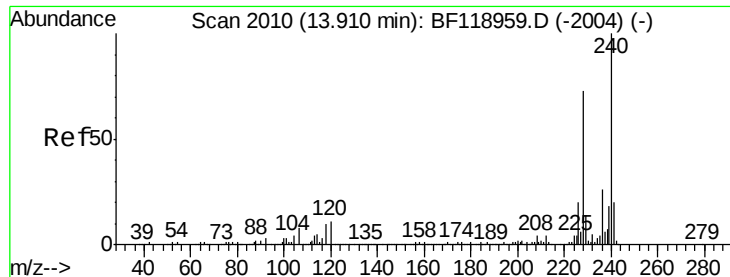


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

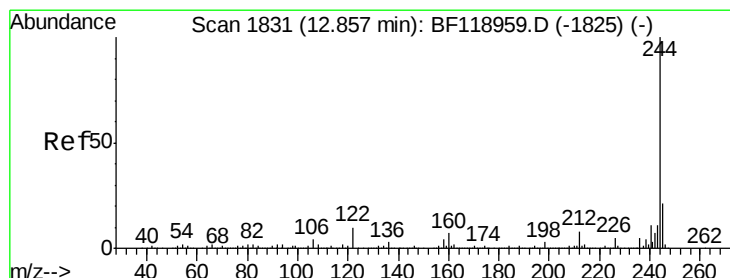
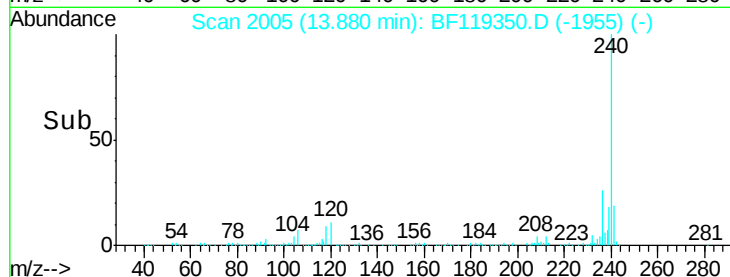
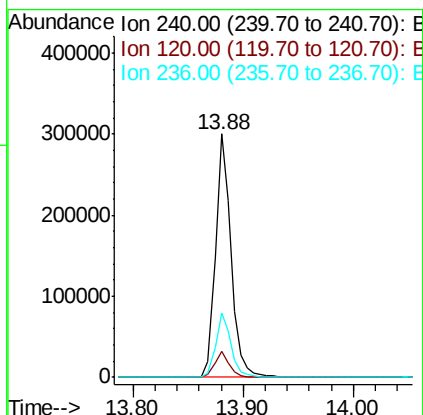
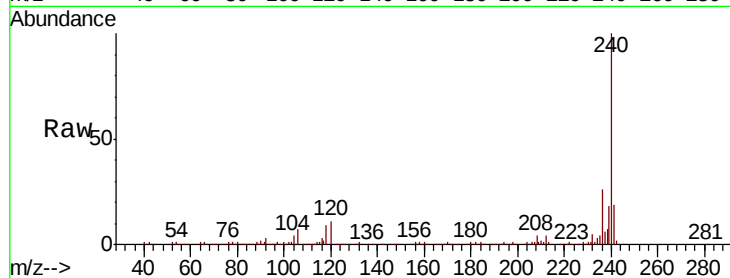




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

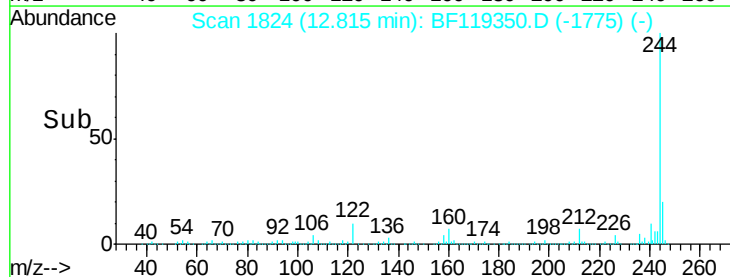
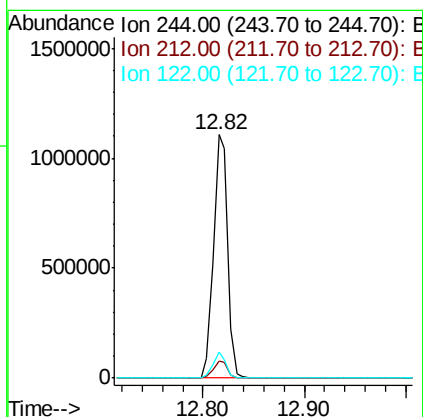
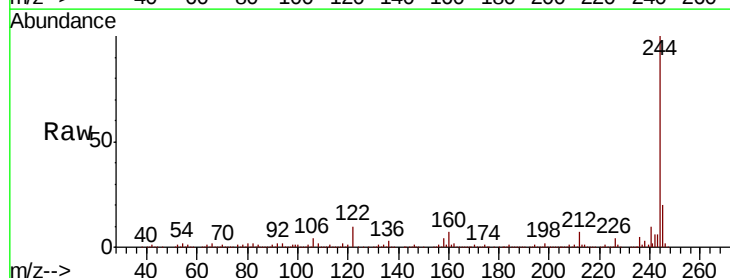
Instrument :
 BNA_F
 ClientSampleId :
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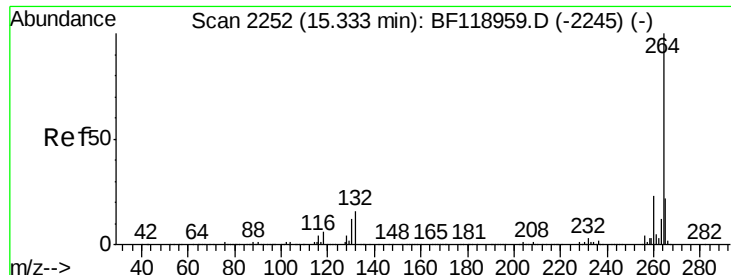
Tot Ion:240 Resp: 290795
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.4 12.6
 236 26.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 63.455 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Tgt Ion:244 Resp: 1071779
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.5 8.2 12.2

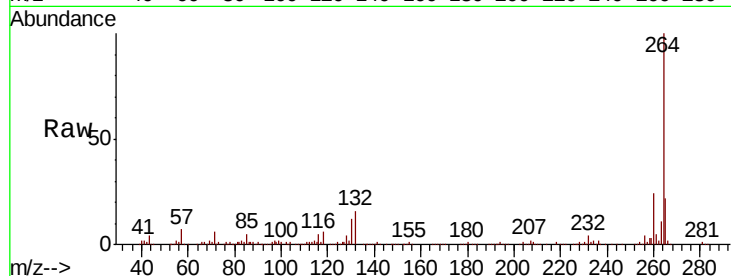




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	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

