

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119349.D
 Acq On : 11 Mar 2020 16:21
 Operator : CG/JU
 Sample : L1864-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Mar 11 17:29:55 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

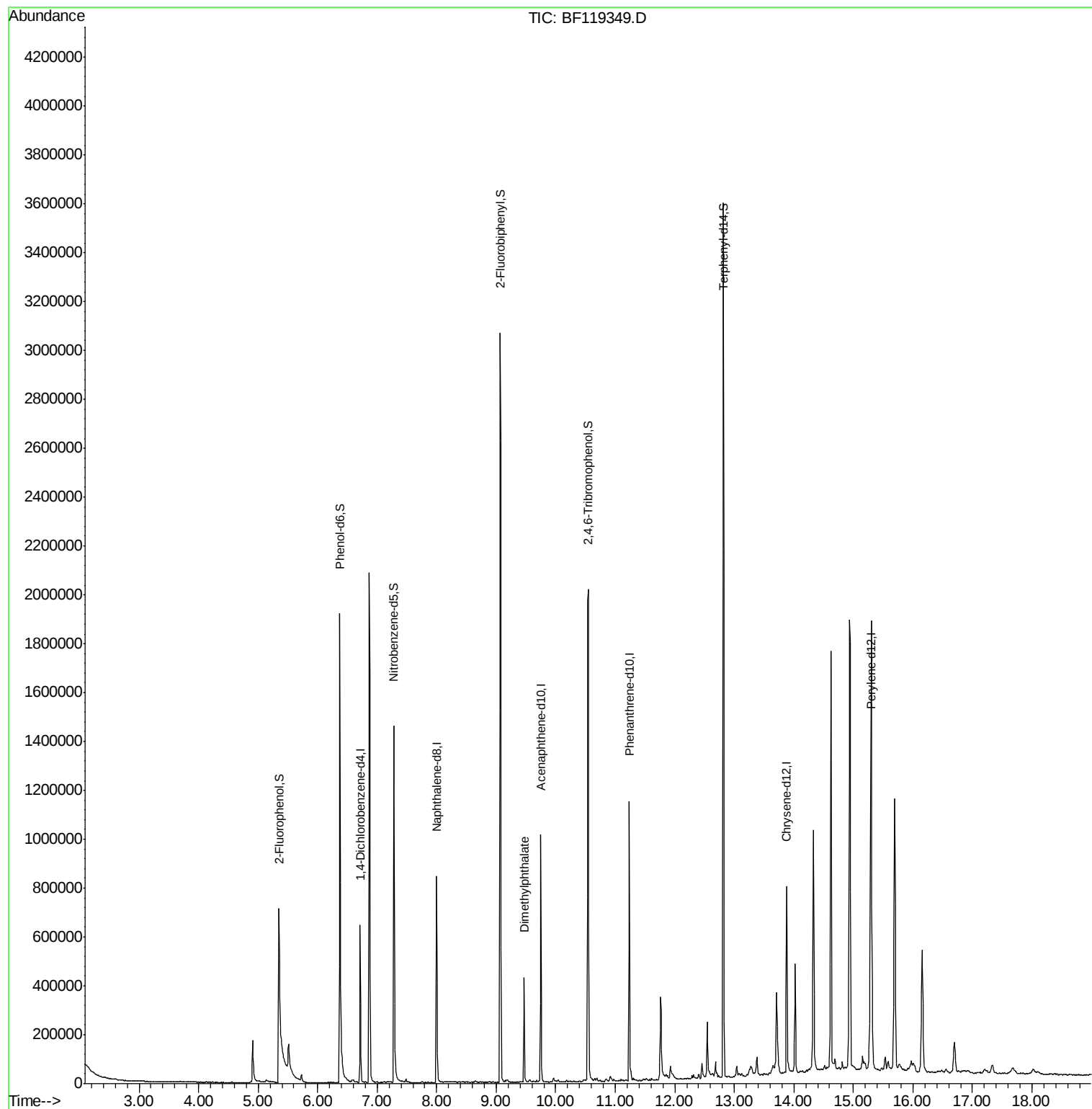
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106540	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	408113	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	222516	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	412009	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	281472	20.00	ng	0.00
87) Perylene-d12	15.31	264	243603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	517403	81.16	ng	0.00
7) Phenol-d6	6.37	99	843621	108.81	ng	0.00
23) Nitrobenzene-d5	7.28	82	549158	71.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	290269	99.72	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1008211	66.75	ng	-0.02
79) Terphenyl-d14	12.82	244	1203545	73.62	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.47	163	170767	10.036	ng	99

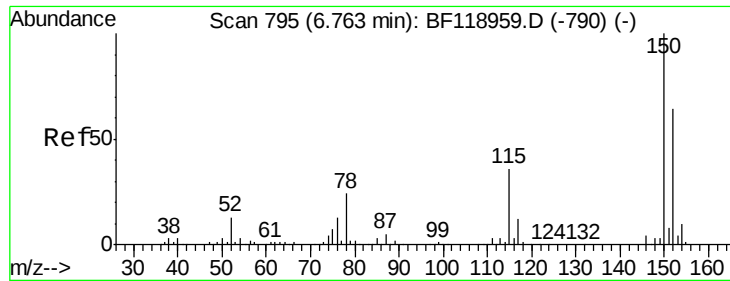
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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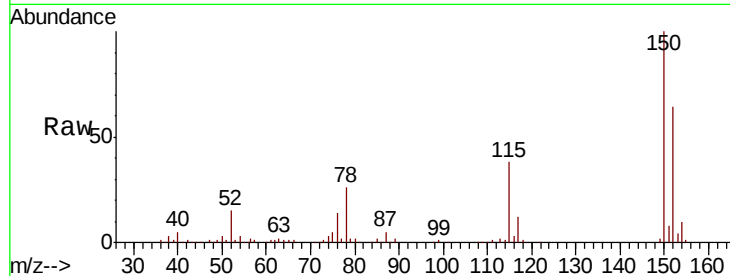


#1

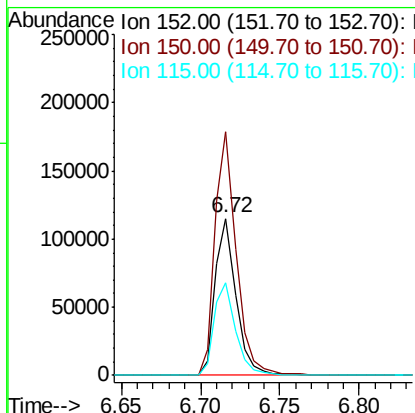
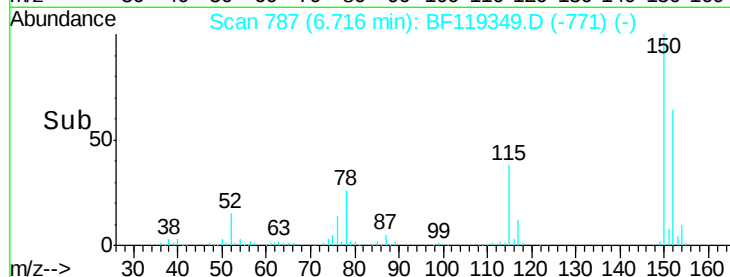
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119349.D
Acq: 11 Mar 2020 16:21

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 106540
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.6
115 59.4 49.5 74.3



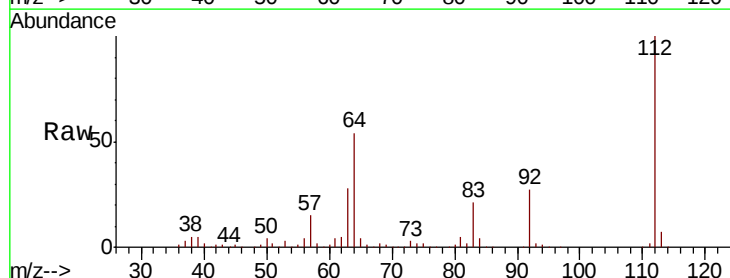
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



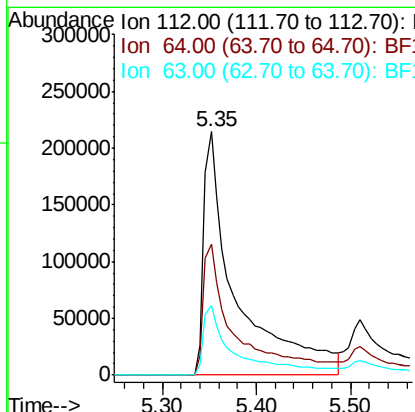
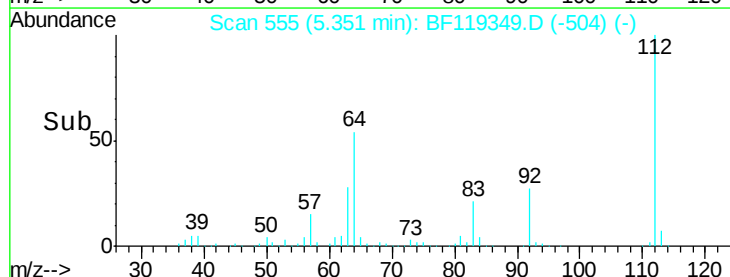
#5

2-Fluorophenol
Concen: 81.159 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119349.D
Acq: 11 Mar 2020 16:21

Tgt Ion:112 Resp: 517403
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 28.5 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: 108.807 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

SP-1

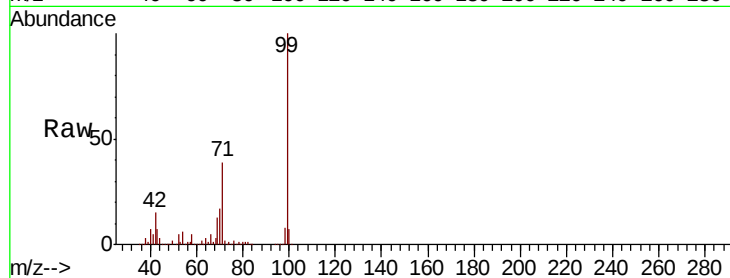
Tot Ion: 99 Resp: 843621

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

71 38.9 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

800000

600000

400000

200000

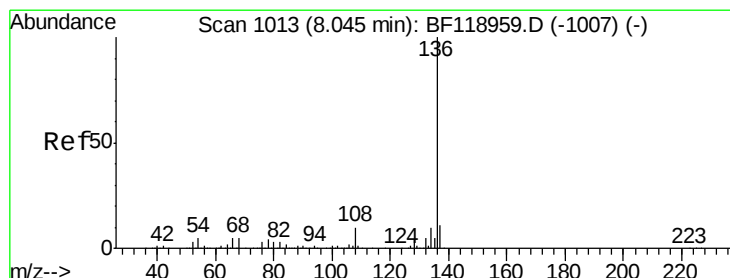
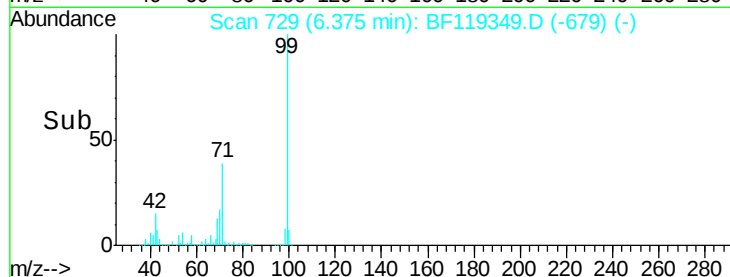
0

6.37

6.40

6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Tgt Ion: 136 Resp: 408113

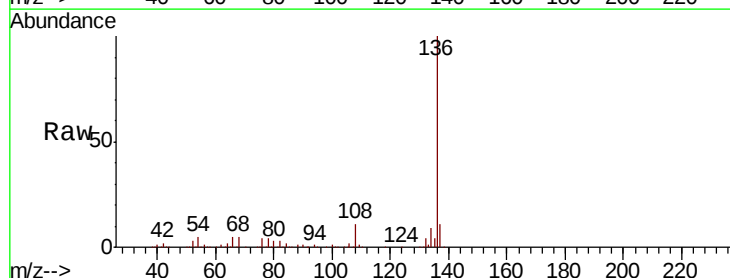
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.9 3.8 5.6

68 5.1 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

600000

400000

200000

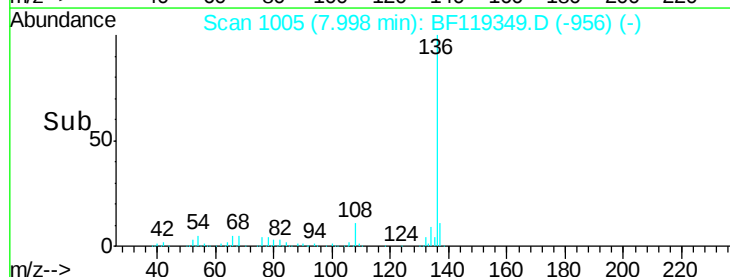
0

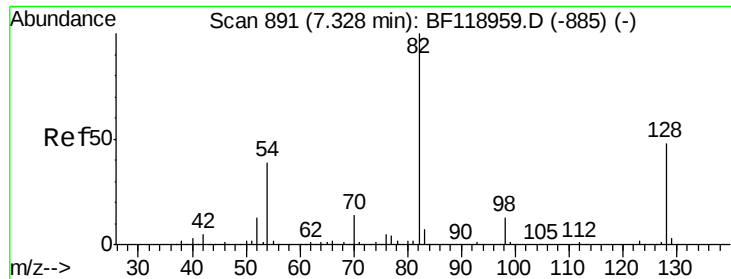
8.00

7.90

8.10

Time-->

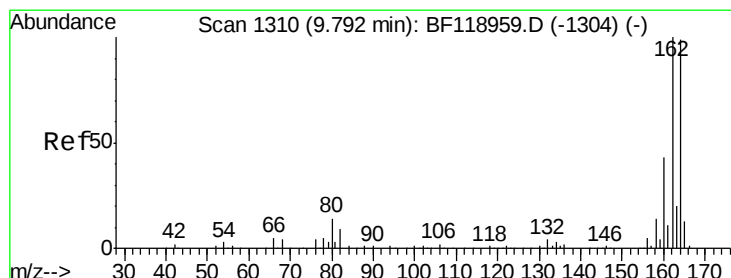
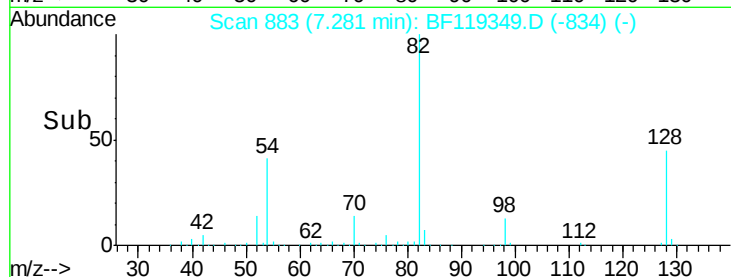
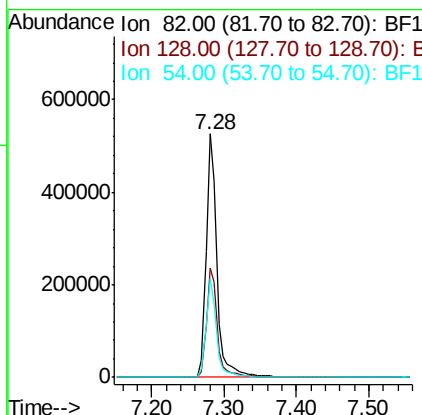
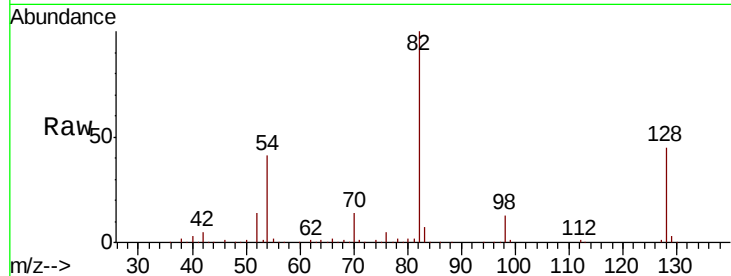




#23
 Nitrobenzene-d5
 Concen: 71.048 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

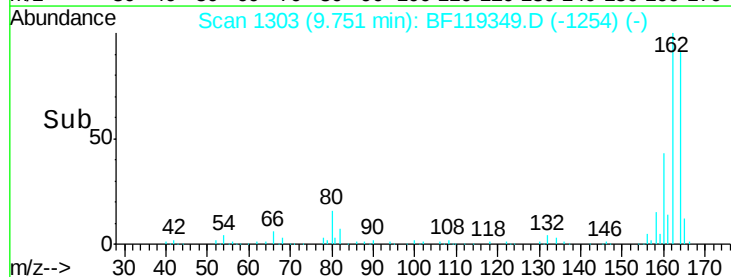
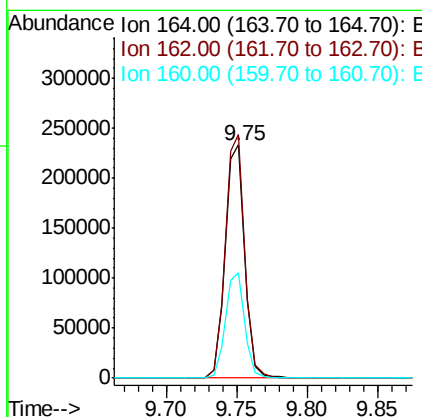
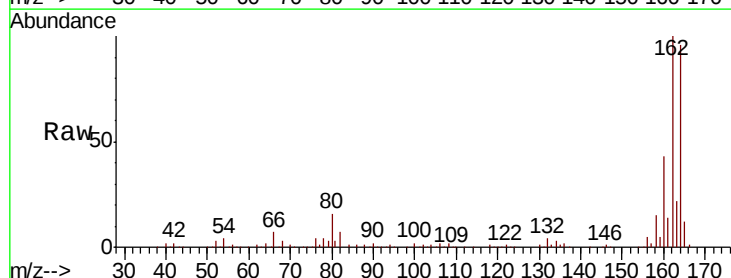
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion: 82 Resp: 549158
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.9 56.9
 54 40.6 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Tgt Ion:164 Resp: 222516
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.8 122.8
 160 45.2 36.0 54.0

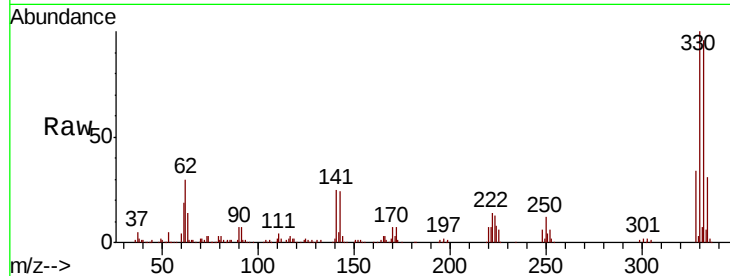




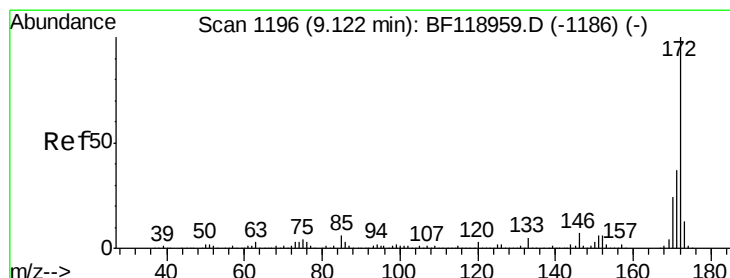
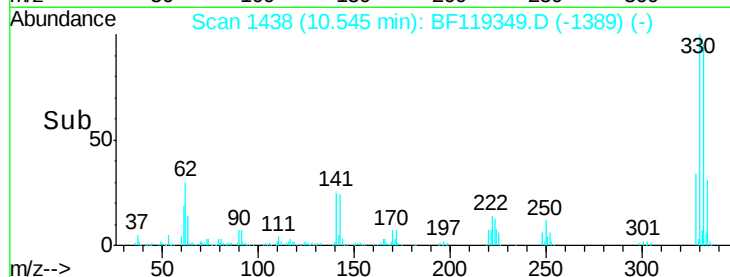
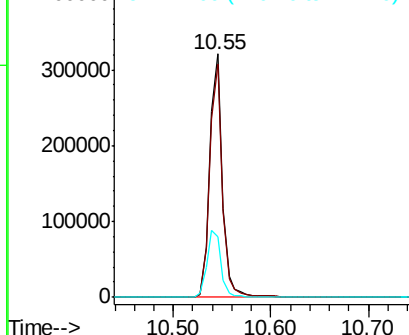
#42
 2,4,6-Tribromophenol
 Concen: 99.718 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	30.5	22.9	34.3

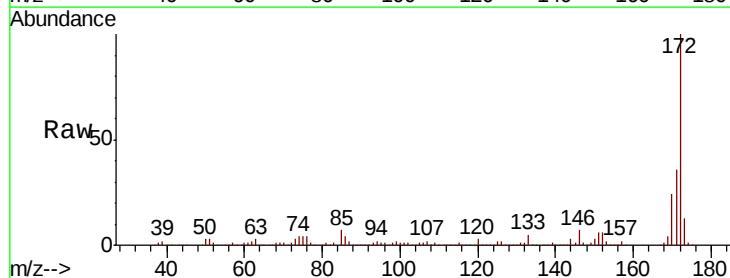


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

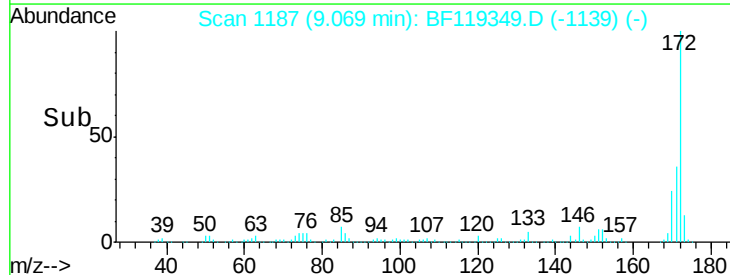
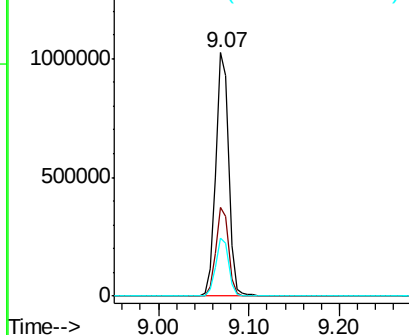


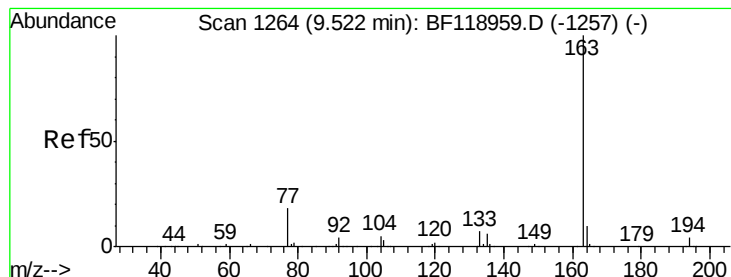
#45
 2-Fluorobiphenyl
 Concen: 66.749 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.6	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: 10.036 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

SP-1

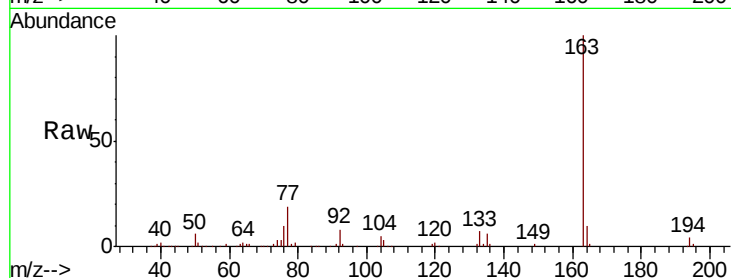
Tot Ion:163 Resp: 170767

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

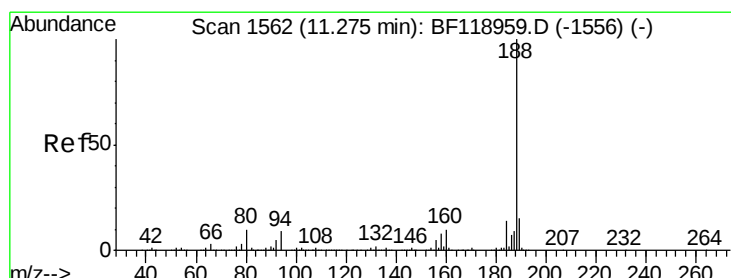
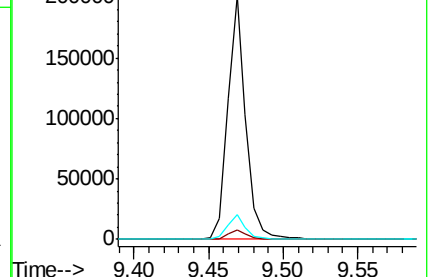
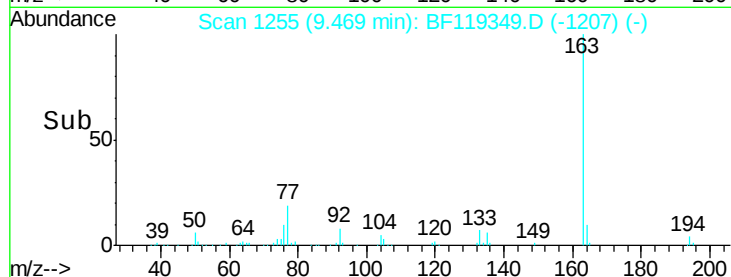
164 10.2 8.4 12.6



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

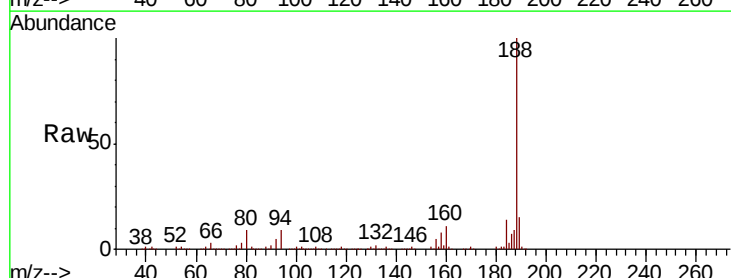
Tgt Ion:188 Resp: 412009

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

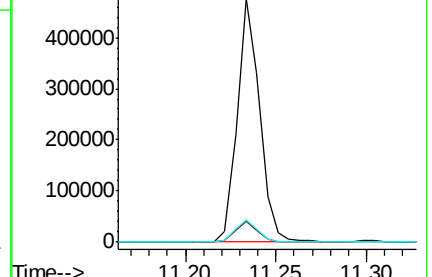
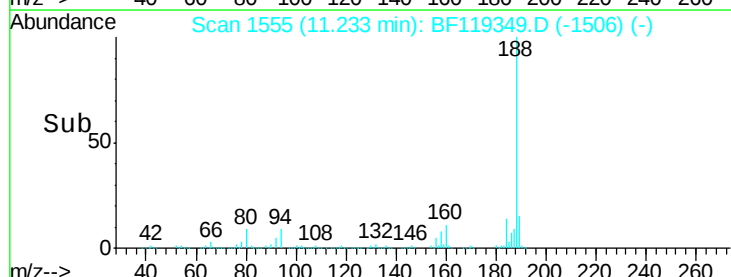
80 9.3 7.8 11.8

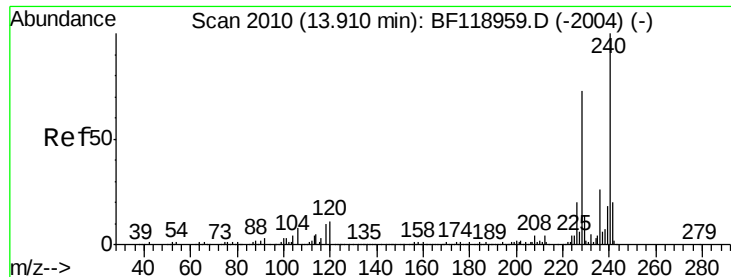


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

SP-1

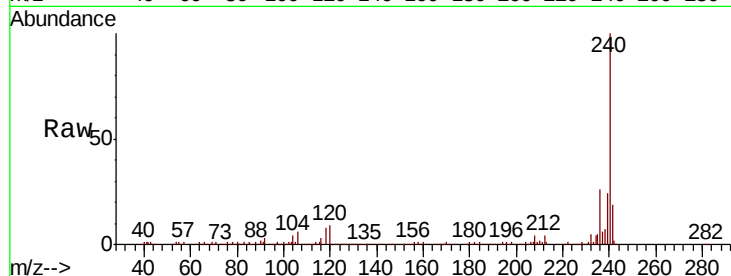
Tot Ion:240 Resp: 281472

Ion Ratio Lower Upper

240 100

120 8.6 8.4 12.6

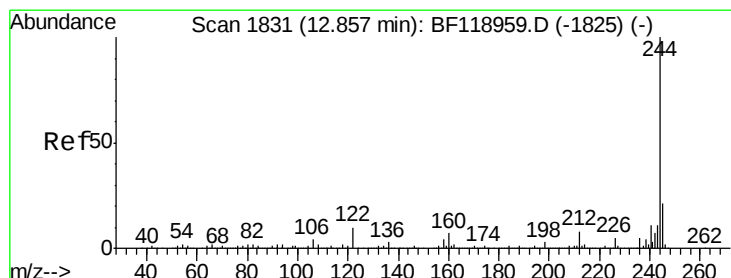
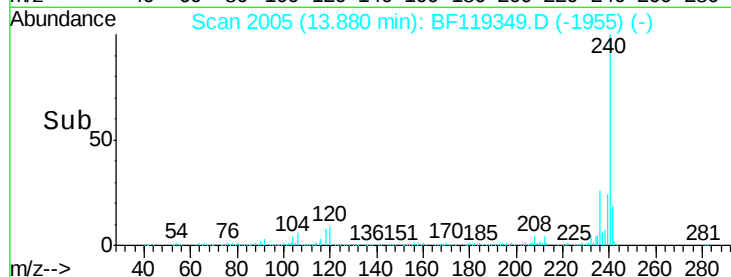
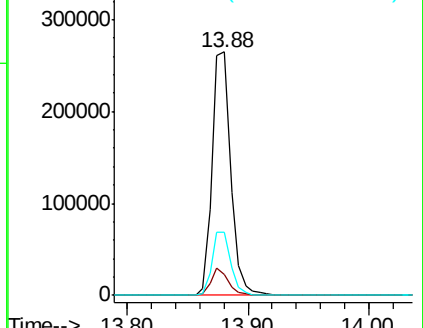
236 26.0 21.0 31.4



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: 73.617 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

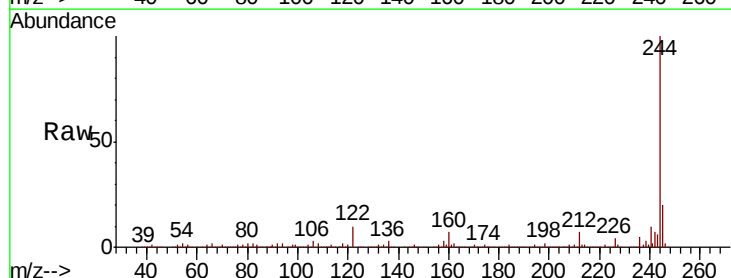
Tgt Ion:244 Resp: 1203545

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

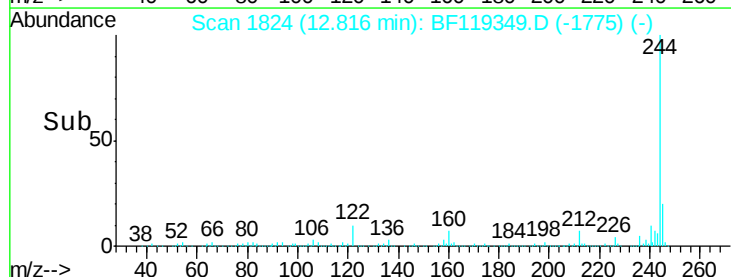
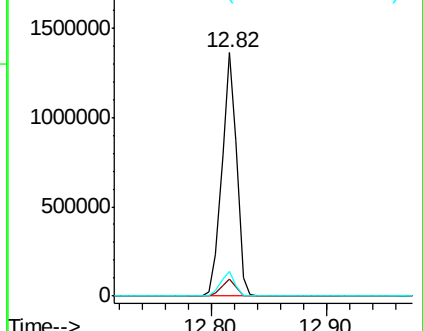
122 10.0 8.2 12.2

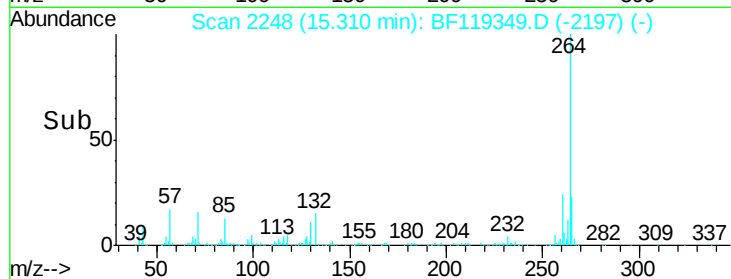
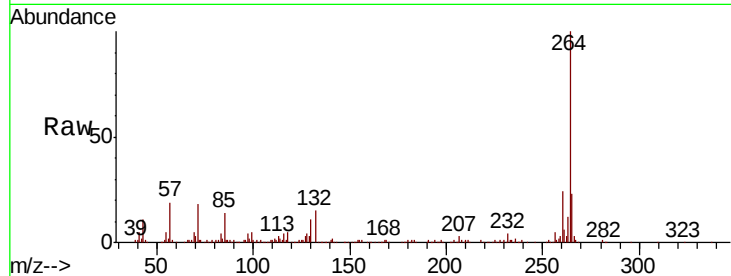
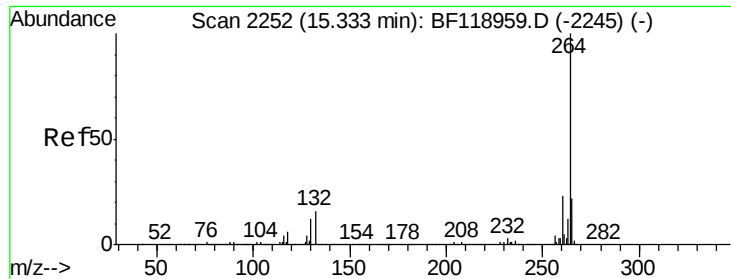


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119349.D
Acq: 11 Mar 2020 16:21

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.7	17.7	26.5

