

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119375.D
 Acq On : 12 Mar 2020 11:53
 Operator : CG/JU
 Sample : L1864-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Mar 13 00:20:48 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

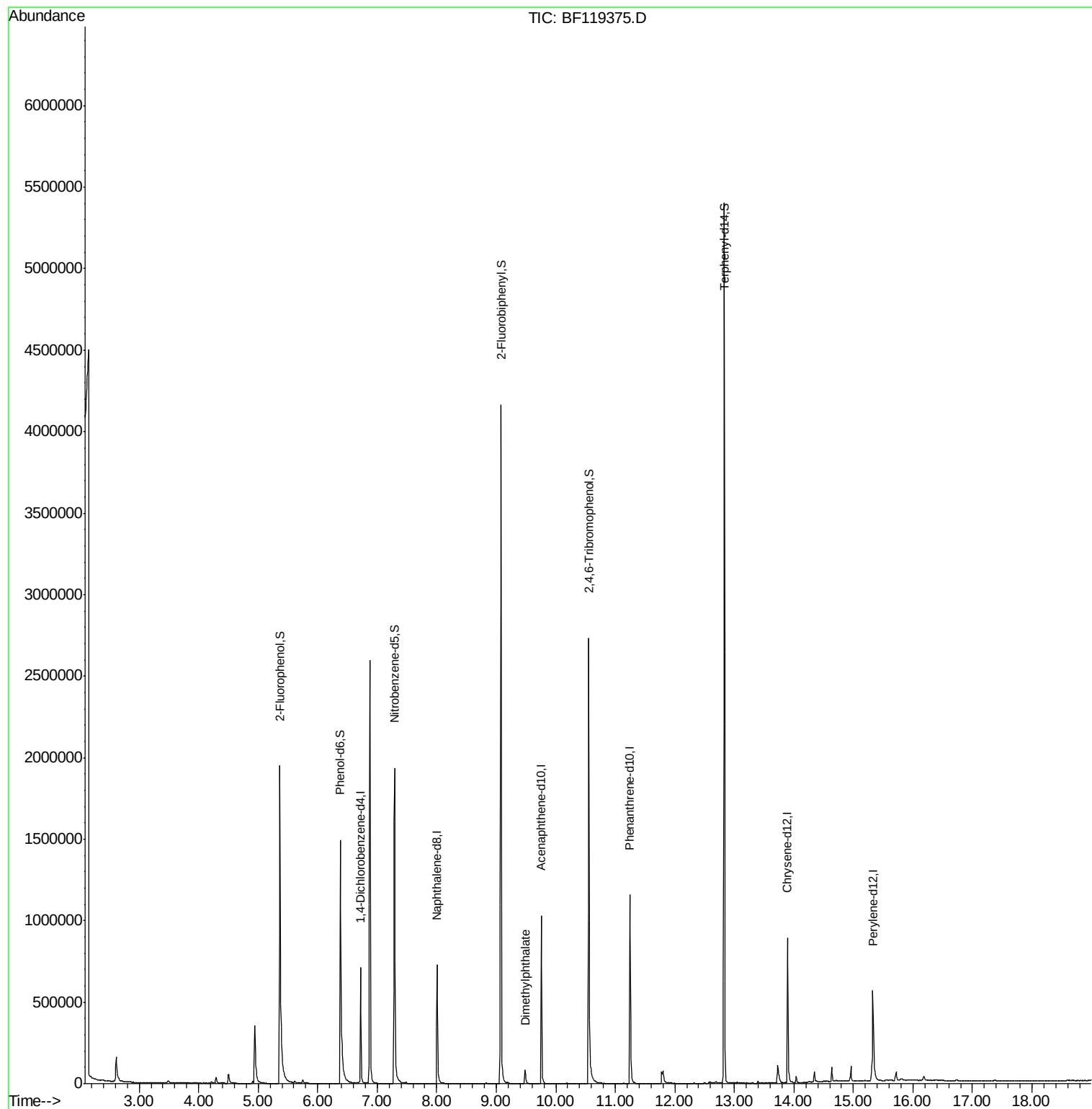
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114433	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	396598	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	224480	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	492823	20.00	ng	0.00
76) Chrysene-d12	13.89	240	346159	20.00	ng	0.00
87) Perylene-d12	15.33	264	335800	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	797924	116.53	ng	0.01
7) Phenol-d6	6.38	99	776273	93.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	754328	100.43	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	447049	152.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1347264	88.42	ng	0.00
79) Terphenyl-d14	12.83	244	2058261	102.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	51612	3.007	ng	Qvalue # 97

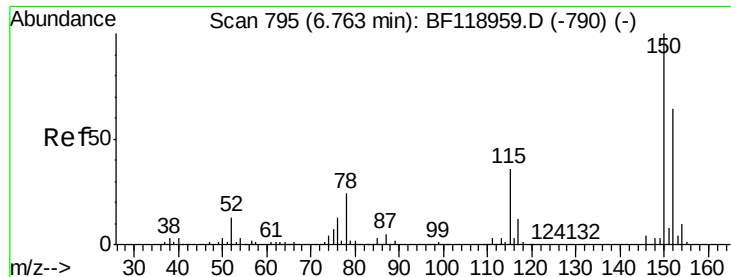
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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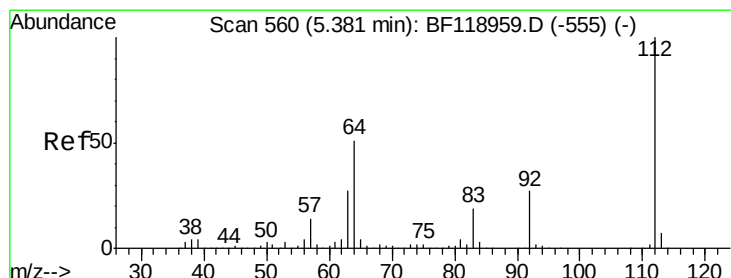
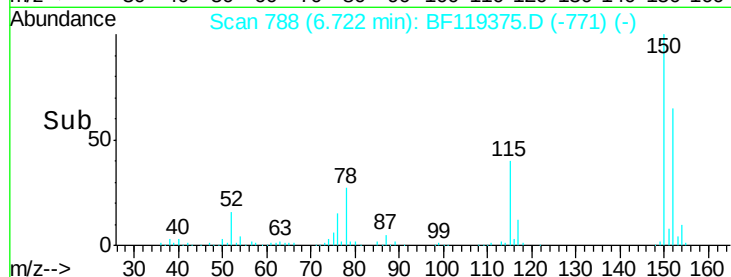
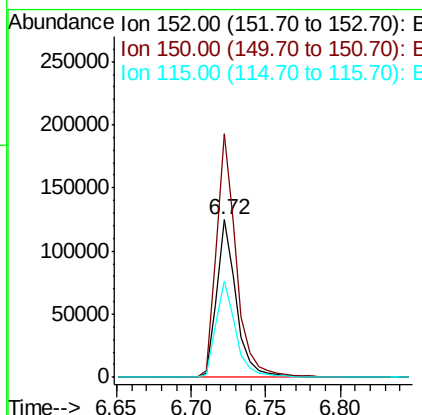
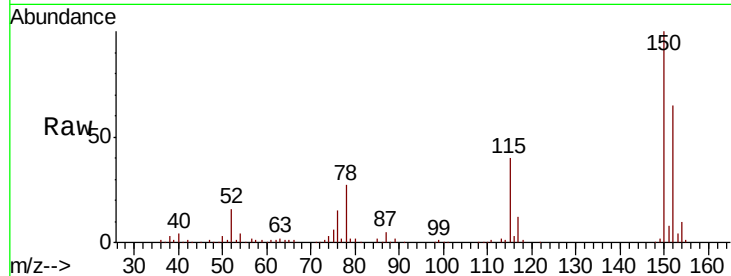


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119375.D
Acq: 12 Mar 2020 11:53

Instrument :
BNA_F
ClientSampleId :
SP-1

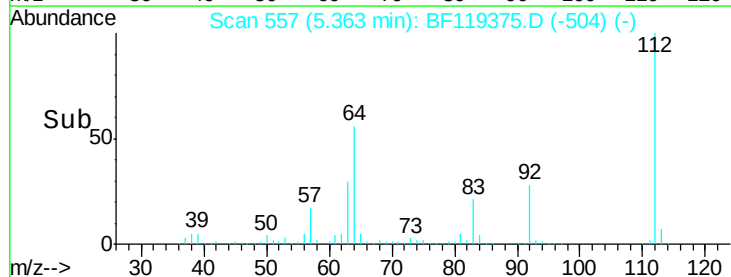
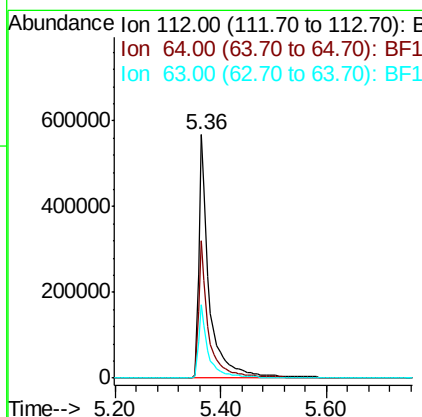
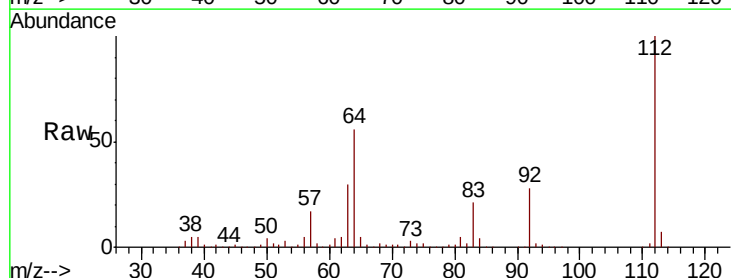
Tot Ion:152 Resp: 114433
Ion Ratio Lower Upper
152 100
150 154.8 123.0 184.6
115 61.6 49.5 74.3

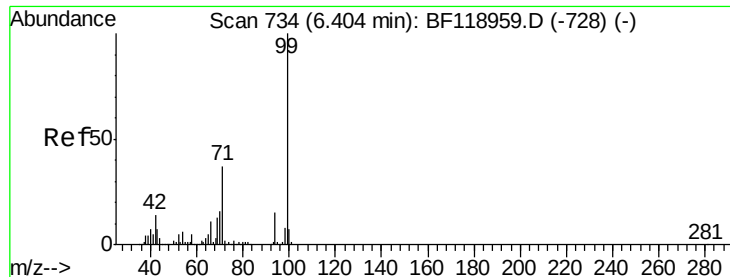


#5

2-Fluorophenol
Concen: 116.529 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119375.D
Acq: 12 Mar 2020 11:53

Tgt Ion:112 Resp: 797924
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 30.3 24.2 36.4





#7

Phenol-d6

Concen: 93.215 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

Instrument :

BNA_F

ClientSampleId :

SP-1

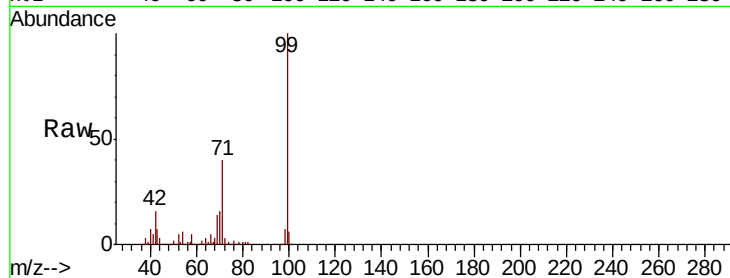
Tot Ion: 99 Resp: 776273

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

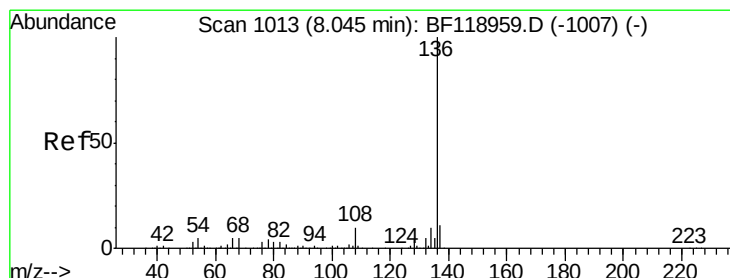
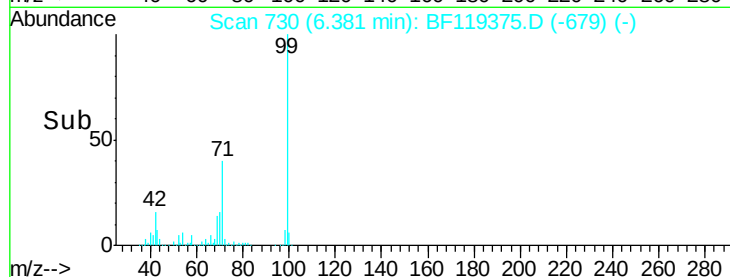
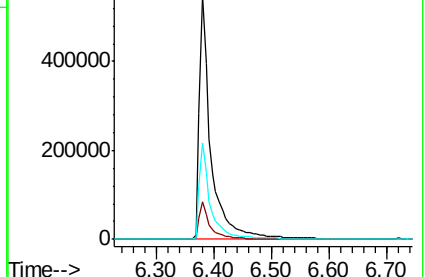
71 39.8 31.0 46.4



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: BF119375.D

Acq: 12 Mar 2020 11:53

Tgt Ion: 136 Resp: 396598

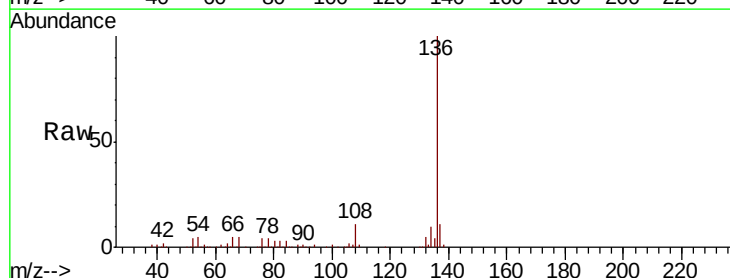
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.9 3.8 5.6

68 5.4 3.9 5.9

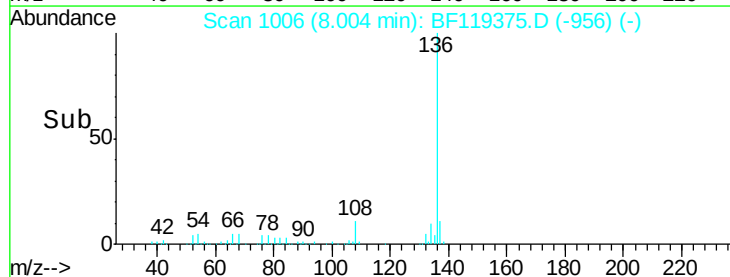
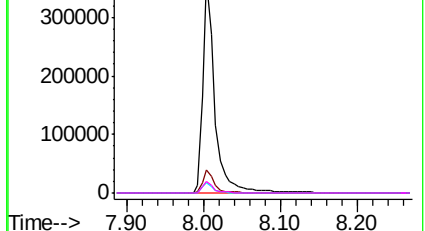


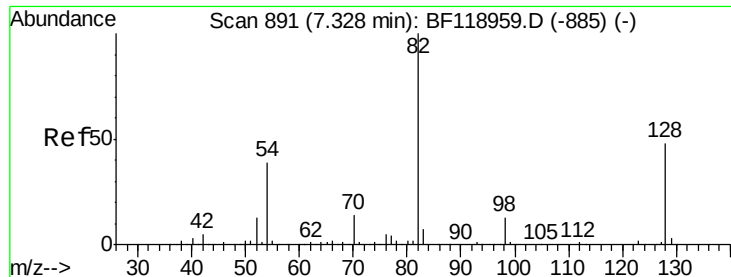
Abundance Ion 136.00 (135.70 to 136.70): E

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

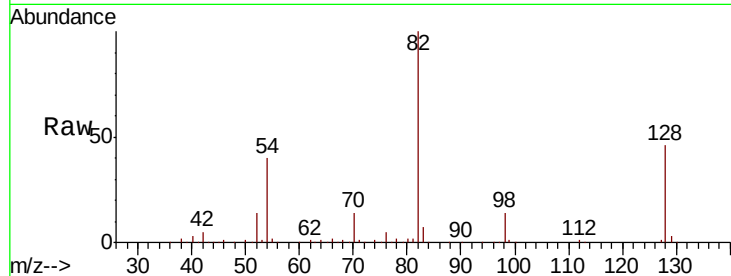




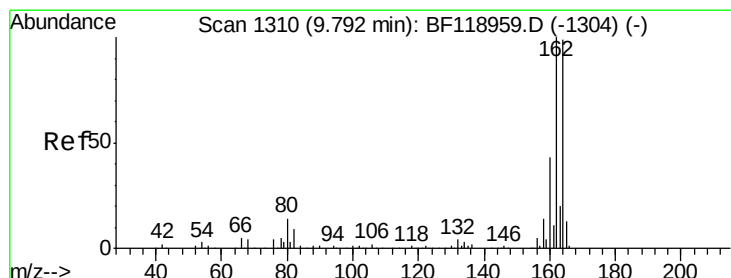
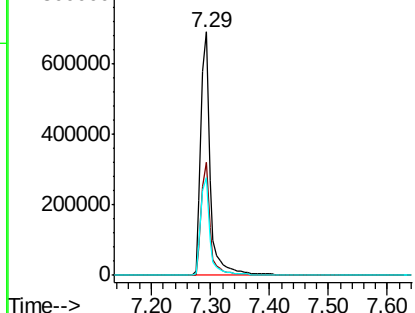
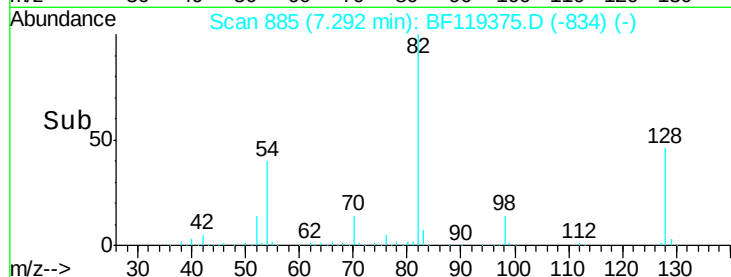
#23
Nitrobenzene-d5
Concen: 100.425 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119375.D
Acq: 12 Mar 2020 11:53

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion: 82 Resp: 754328
Ion Ratio Lower Upper
82 100
128 46.2 37.9 56.9
54 40.0 33.4 50.2

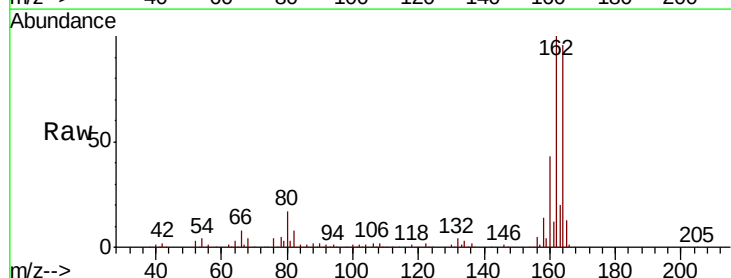


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

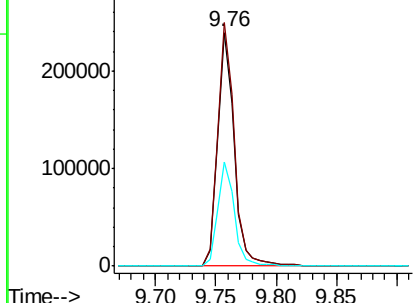
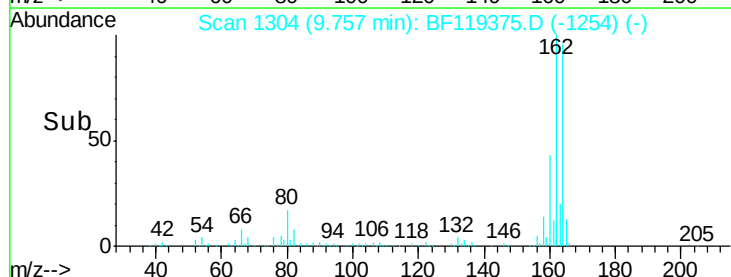


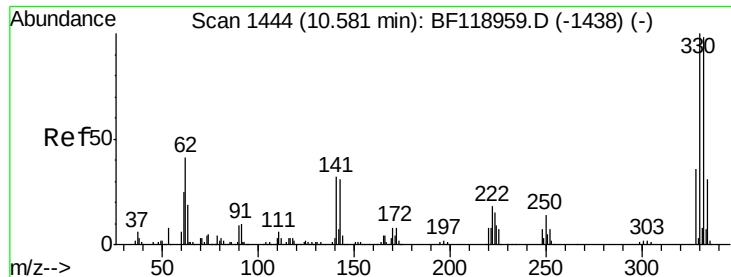
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119375.D
Acq: 12 Mar 2020 11:53

Tgt Ion:164 Resp: 224480
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.8
160 44.5 36.0 54.0



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

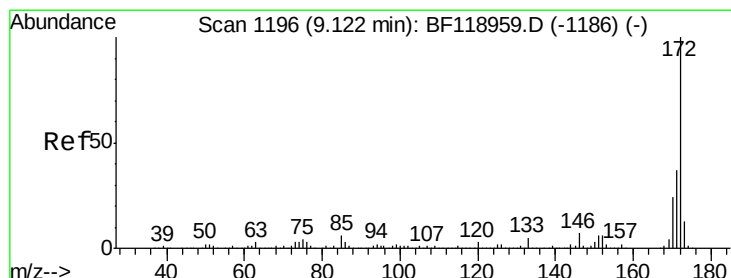
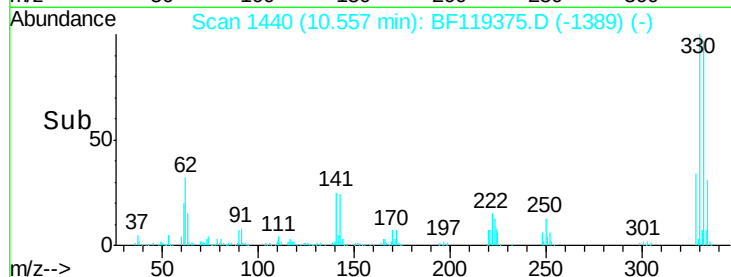
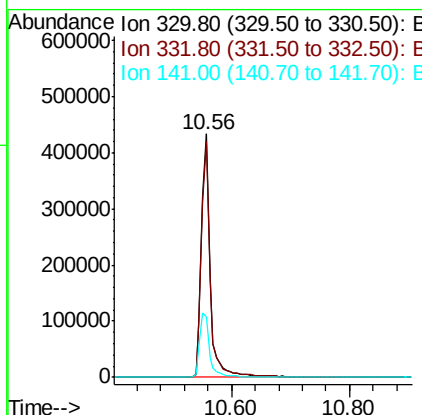
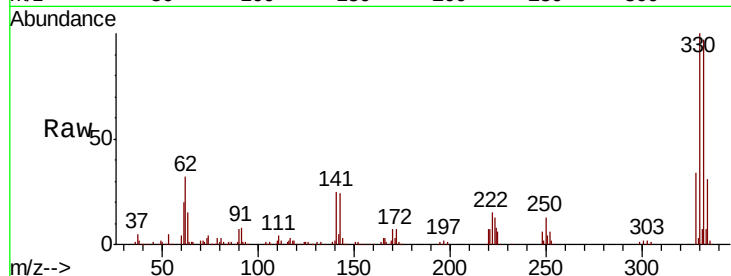




#42
 2,4,6-Tribromophenol
 Concen: 152.235 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

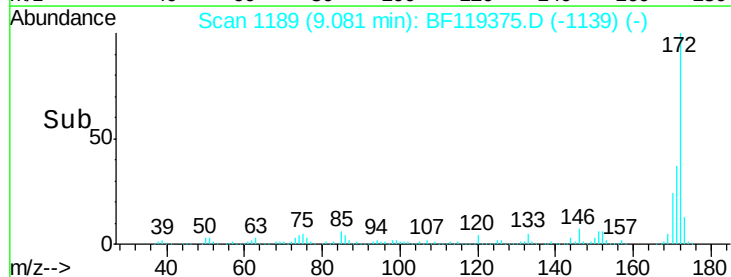
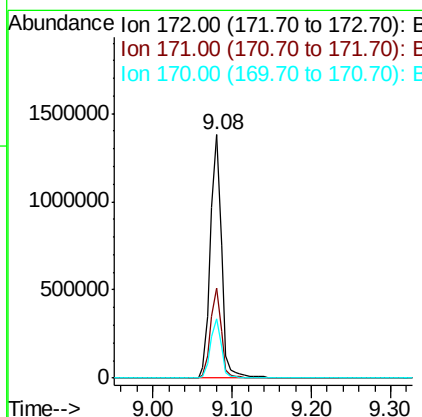
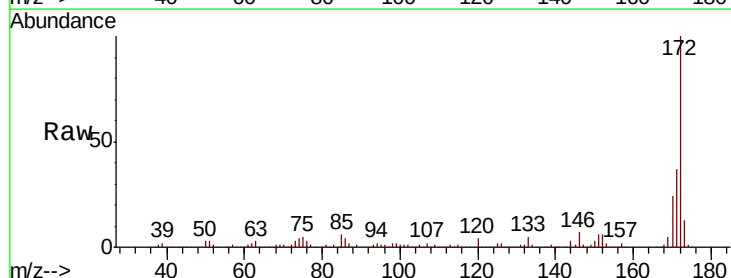
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

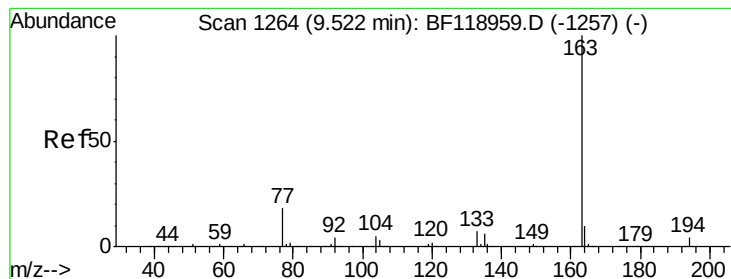
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.2	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 88.416 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.2	20.2	30.2





#50

Dimethylphthalate

Concen: 3.007 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

Instrument :

BNA_F

ClientSampleId :

SP-1

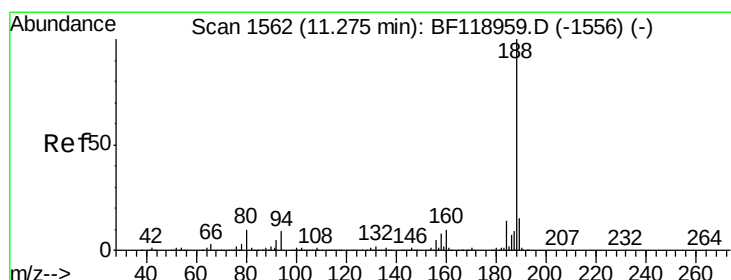
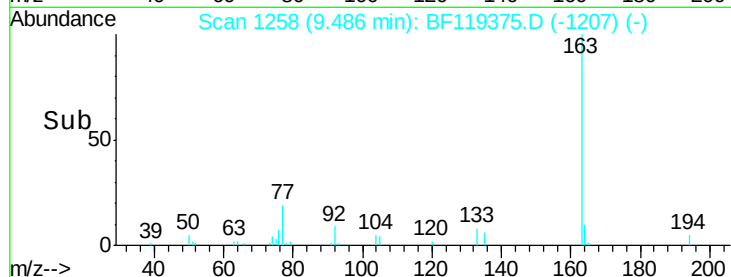
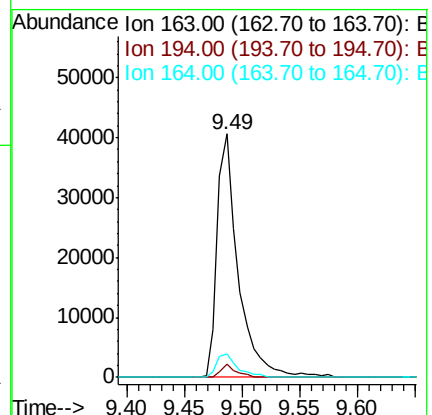
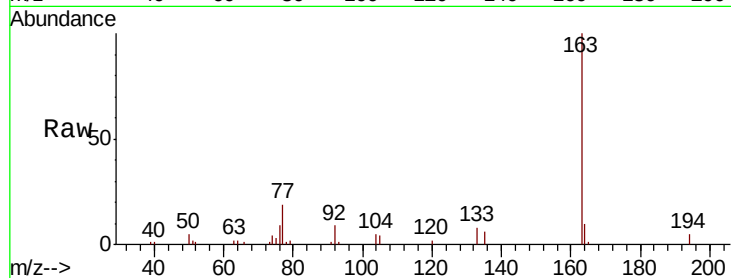
Tot Ion:163 Resp: 51612

Ion Ratio Lower Upper

163 100

194 5.4 3.5 5.3#

164 9.6 8.4 12.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

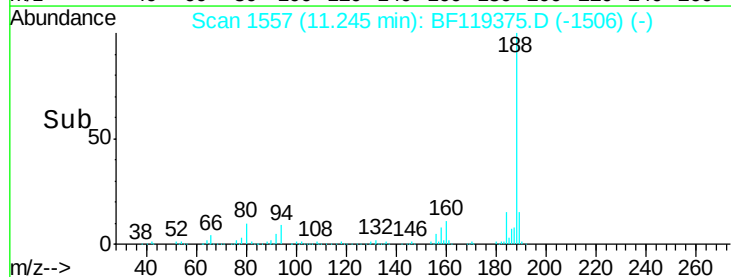
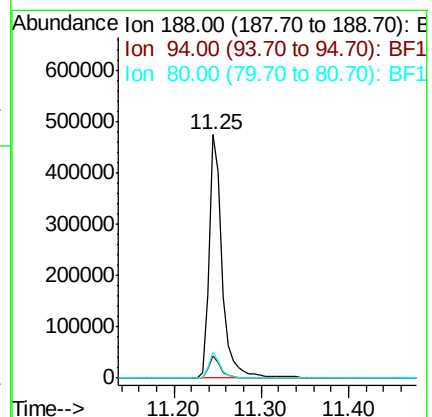
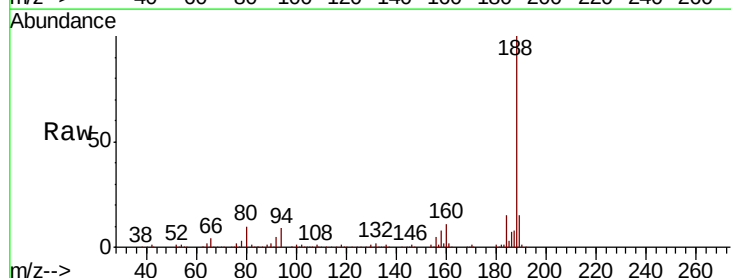
Tgt Ion:188 Resp: 492823

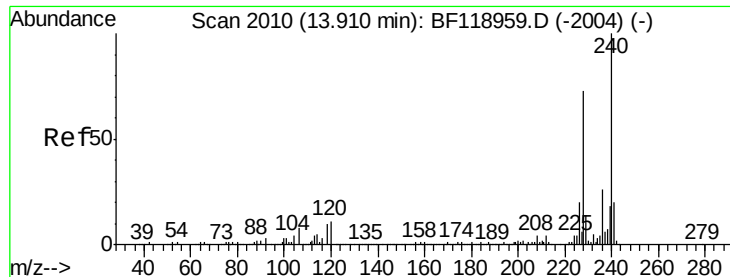
Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.5 7.8 11.8

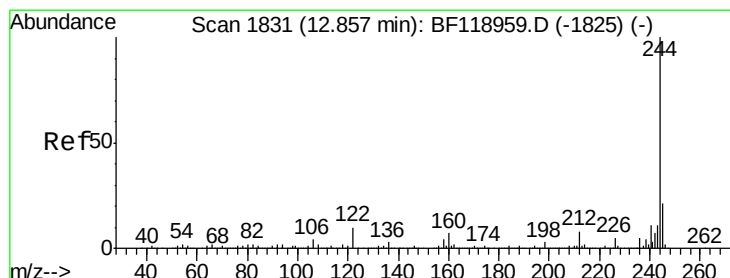
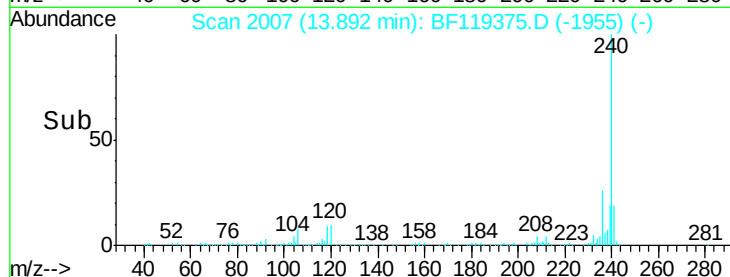
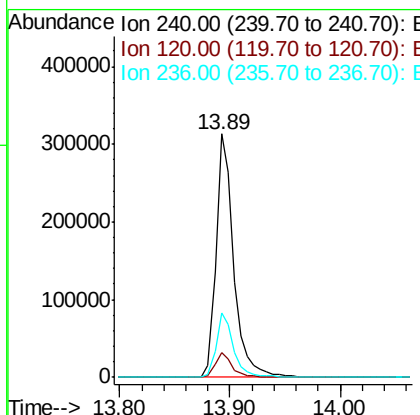
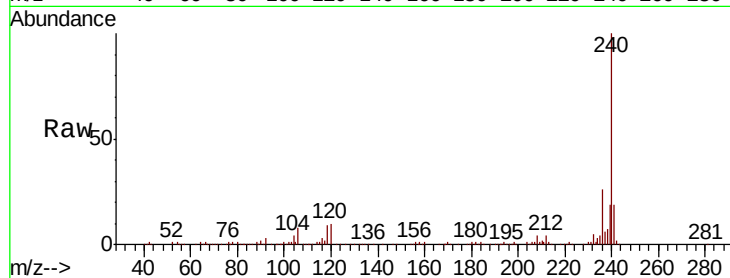




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

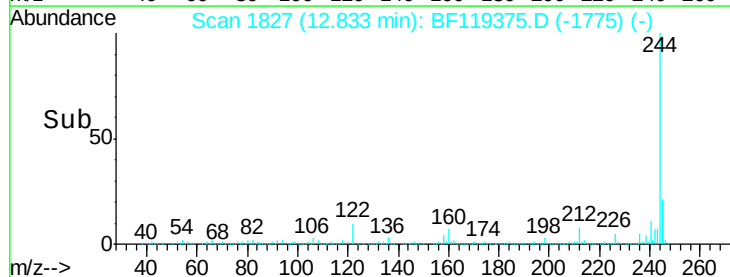
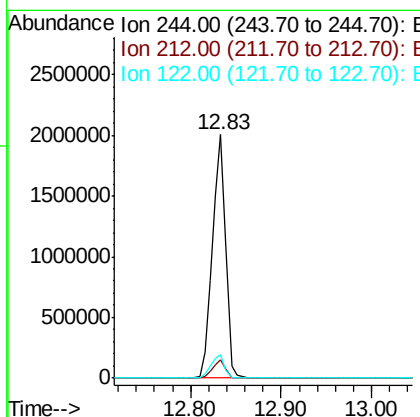
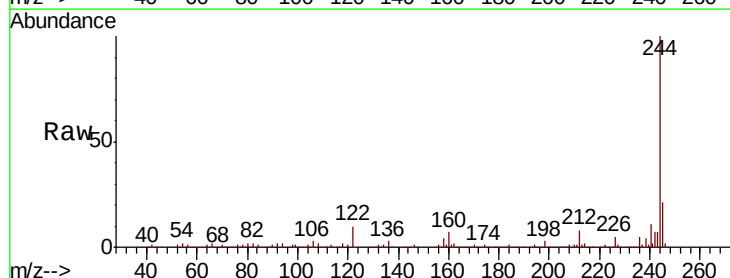
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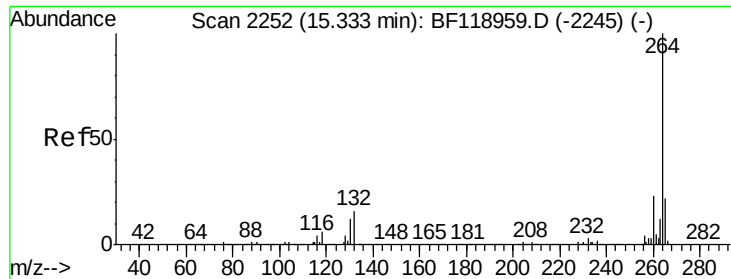
Tot Ion:240 Resp: 346159
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 26.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 102.371 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Tgt Ion:244 Resp: 2058261
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 9.9 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.1	17.7	26.5

