

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119377.D
 Acq On : 12 Mar 2020 12:52
 Operator : CG/JU
 Sample : L1874-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Quant Time: Mar 13 10:42:52 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

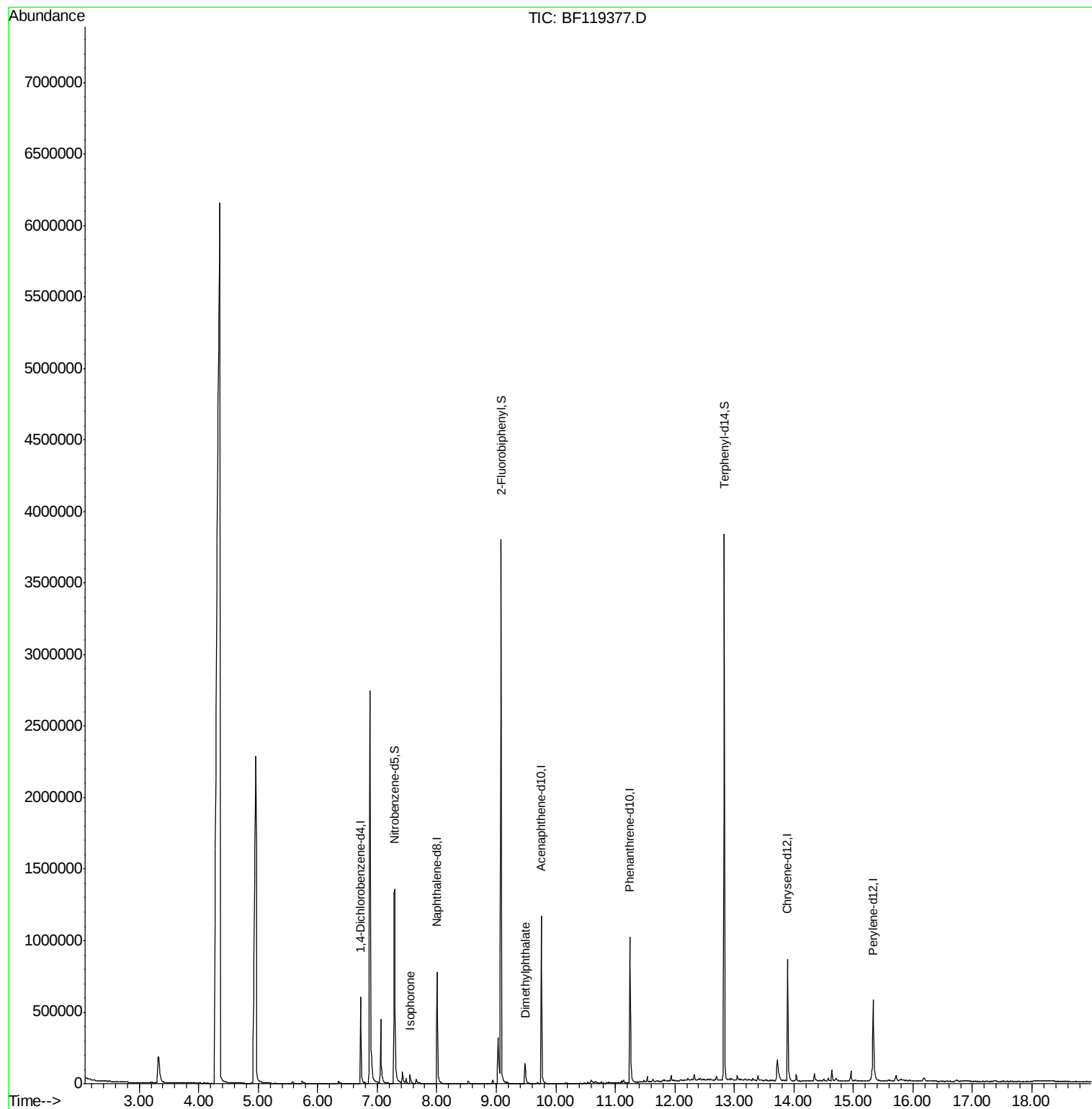
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	104402	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	406326	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	253866	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	437746	20.00	ng	0.00
76) Chrysene-d12	13.89	240	336152	20.00	ng	0.00
87) Perylene-d12	15.33	264	329167	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.50	99	1543	0.20	ng	0.12
23) Nitrobenzene-d5	7.29	82	574825	74.70	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.08	172	1141693	66.25	ng	0.00
79) Terphenyl-d14	12.83	244	1431239	73.30	ng	0.00
Target Compounds						
25) Isophorone	7.55	82	41740	3.123	ng	95
50) Dimethylphthalate	9.49	163	92504	4.765	ng	99

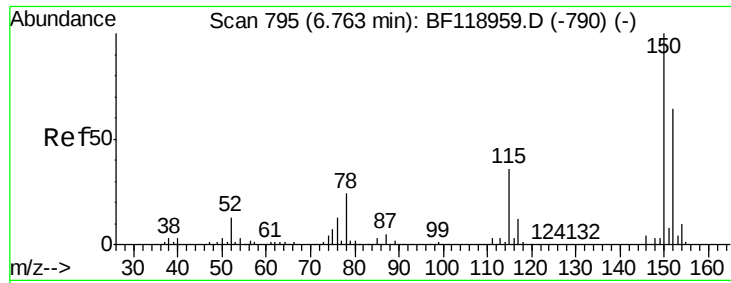
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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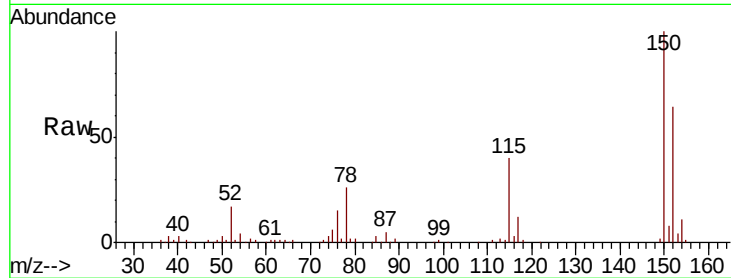


#1

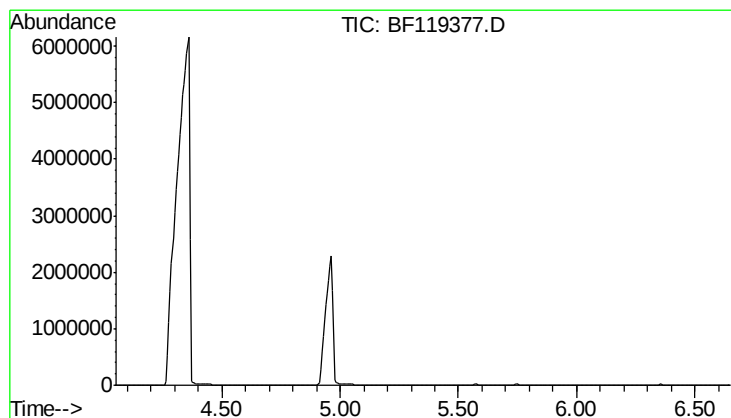
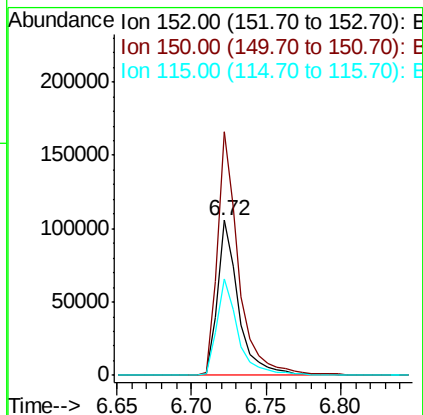
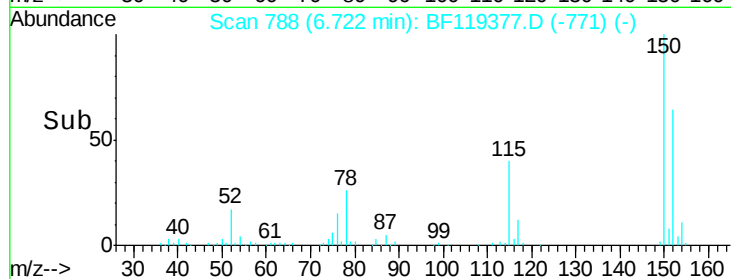
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
C-3

Tot Ion:152 Resp: 104402
Ion Ratio Lower Upper
152 100
150 157.3 123.0 184.6
115 62.6 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

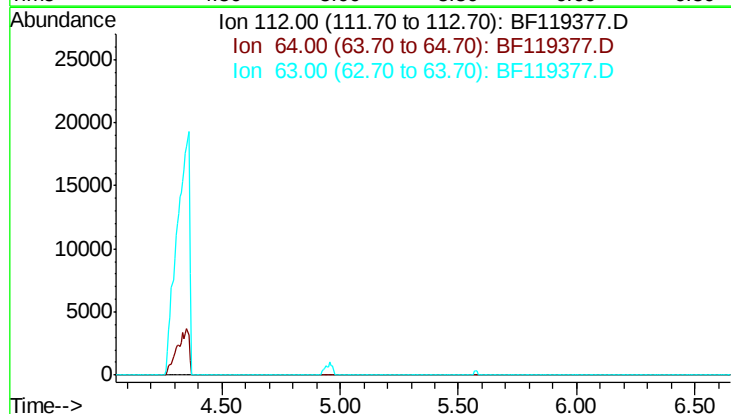


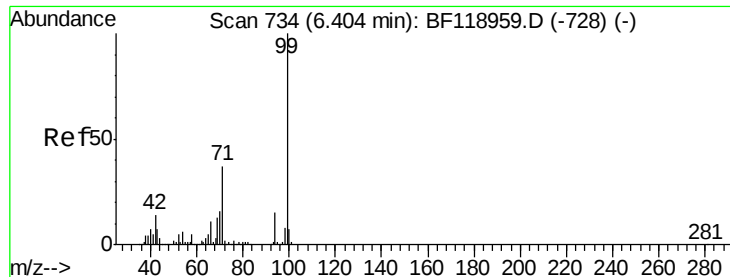
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.35 min

Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.2
63 30.3





#7

Phenol-d6

Concen: 0.203 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.12 min

Lab File: BF119377.D

Acq: 12 Mar 2020 12:52

Instrument :

BNA_F

ClientSampled :

C-3

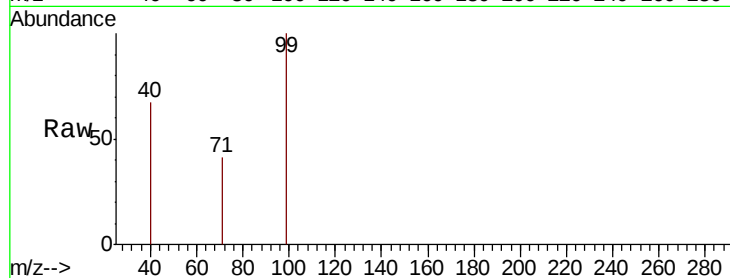
Tot Ion: 99 Resp: 1543

Ion Ratio Lower Upper

99 100

42 0.0 12.6 18.8#

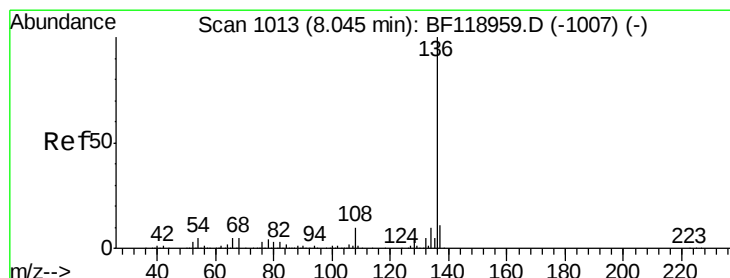
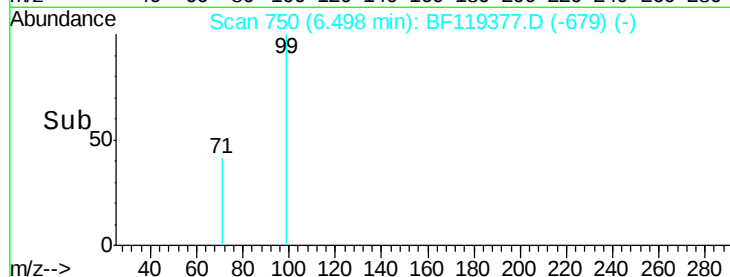
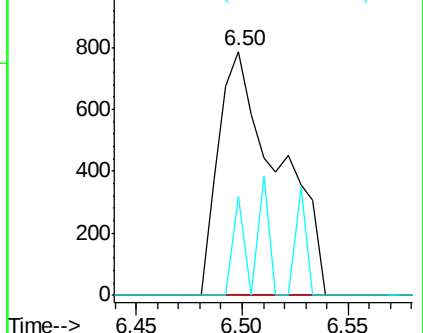
71 40.7 31.0 46.4



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: BF119377.D

Acq: 12 Mar 2020 12:52

Tgt Ion: 136 Resp: 406326

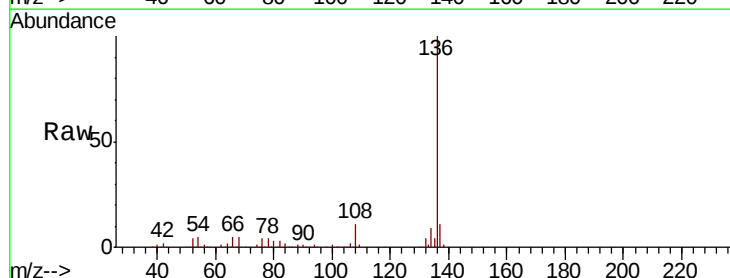
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.0 3.8 5.6

68 5.1 3.9 5.9

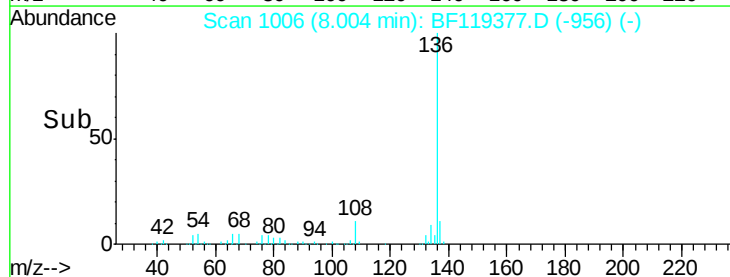
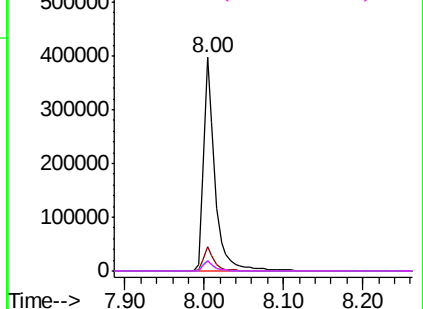


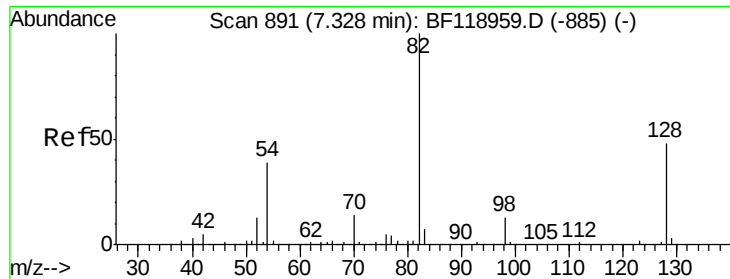
Abundance Ion 136.00 (135.70 to 136.70): E

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

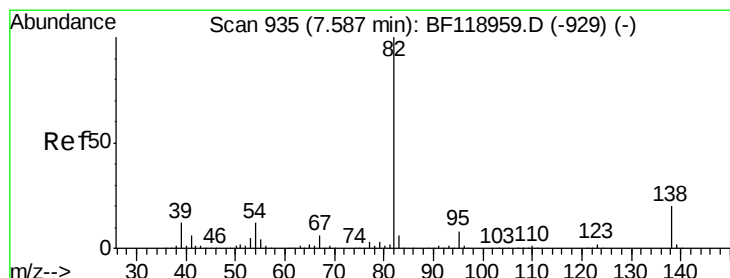
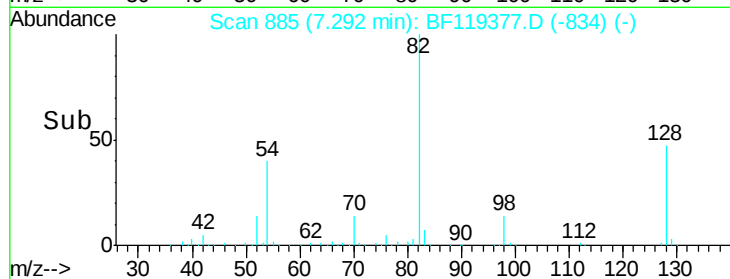
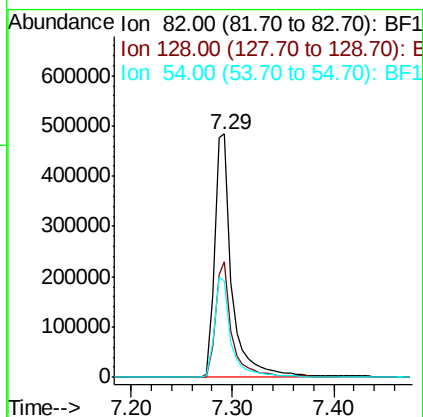
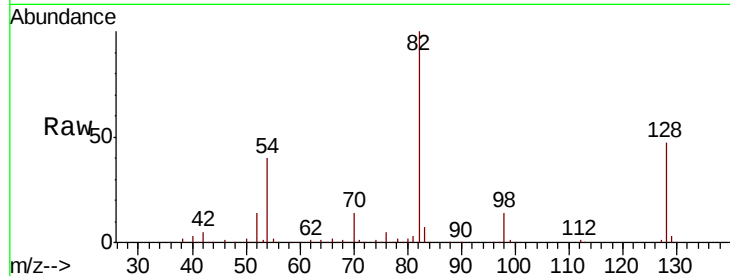




#23
 Nitrobenzene-d5
 Concen: 74.696 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119377.D
 Acq: 12 Mar 2020 12:52

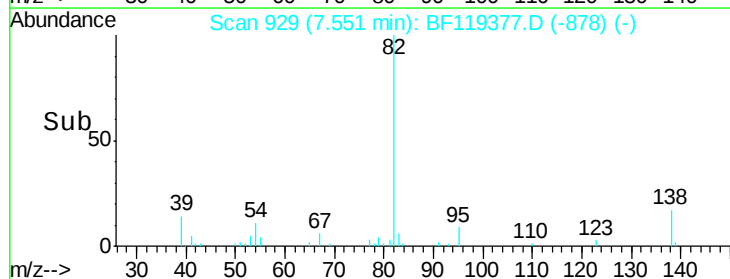
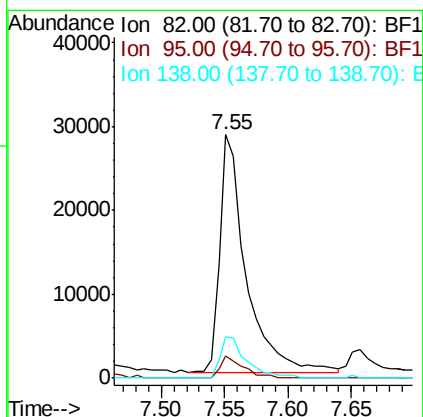
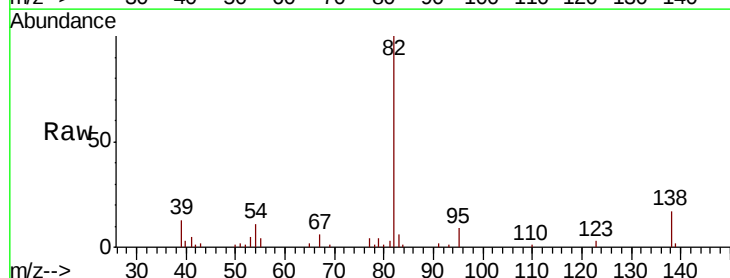
Instrument :
 BNA_F
 ClientSampleId :
 C-3

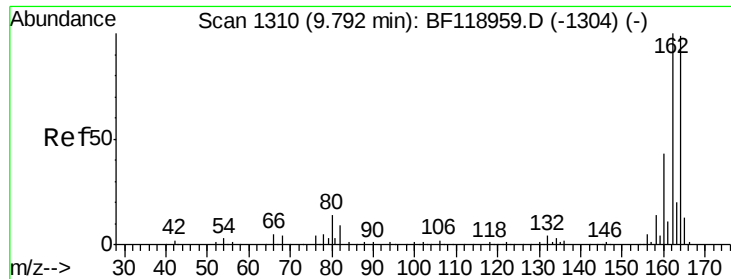
Tot Ion: 82 Resp: 574825
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.9 56.9
 54 39.5 33.4 50.2



#25
 Isophorone
 Concen: 3.123 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF119377.D
 Acq: 12 Mar 2020 12:52

Tgt Ion: 82 Resp: 41740
 Ion Ratio Lower Upper
 82 100
 95 8.9 6.4 9.6
 138 17.1 15.7 23.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119377.D

Acq: 12 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

C-3

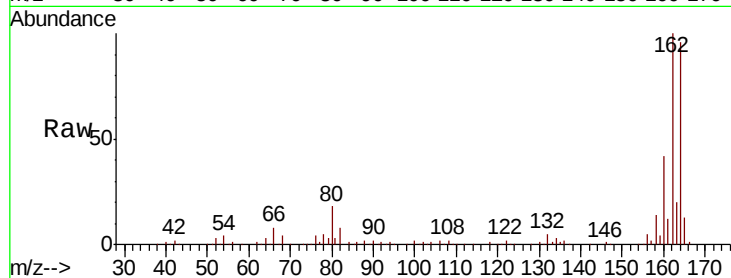
Tot Ion:164 Resp: 253866

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.8

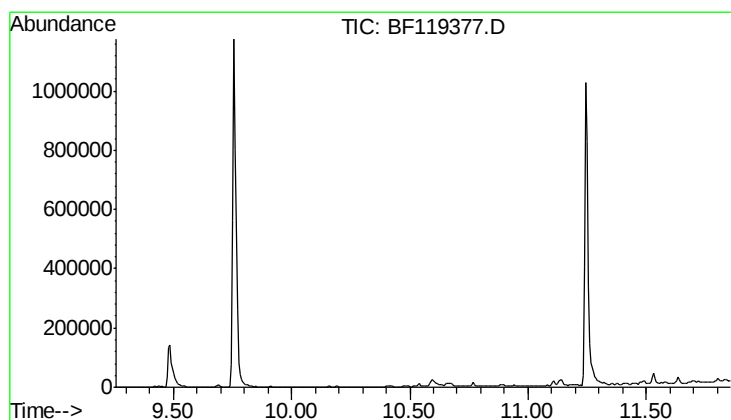
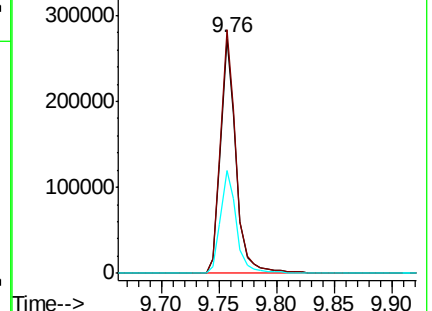
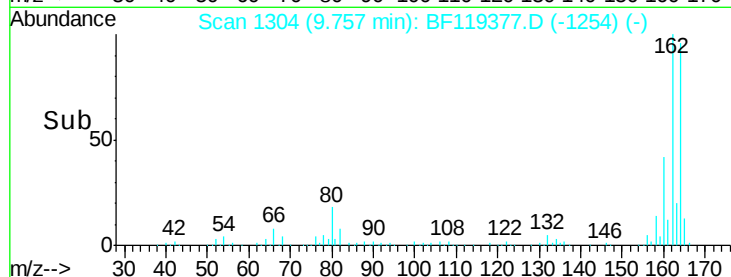
160 43.6 36.0 54.0



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: 0.000 ng

Expected RT: 10.56 min

Lab File: BF119377.D

Acq: 12 Mar 2020 12:52

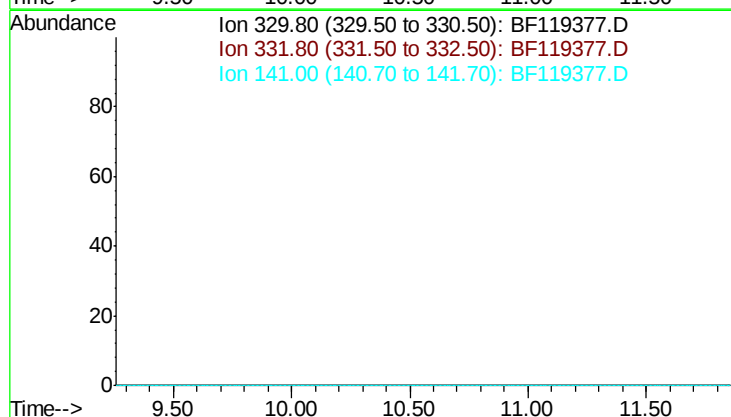
Tgt Ion: 330

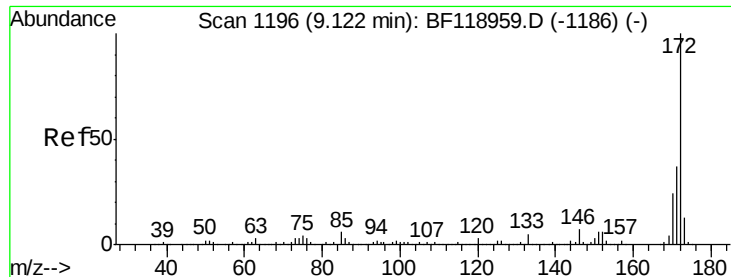
Sig Exp Ratio

330 100

332 95.0

141 28.6

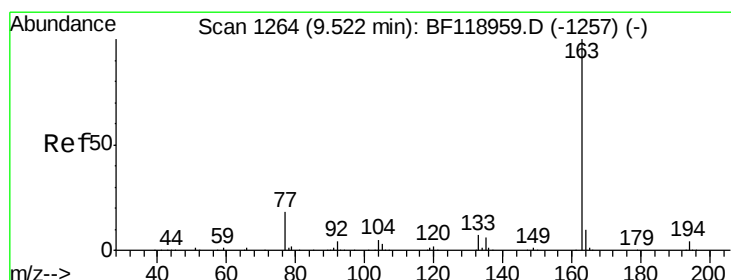
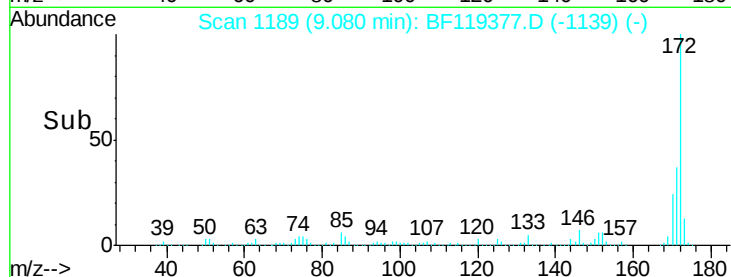
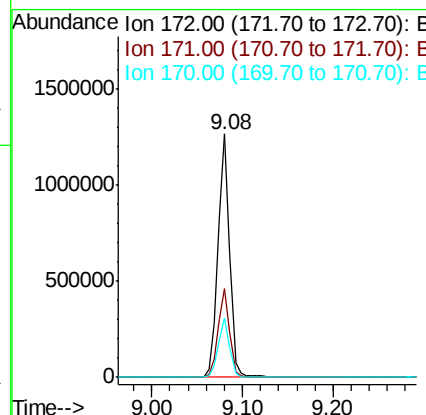
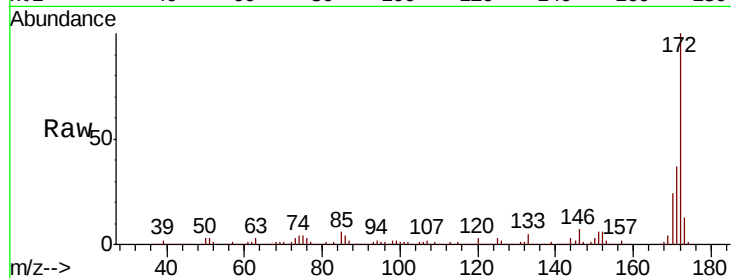




#45
2-Fluorobiphenyl
Concen: 66.252 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

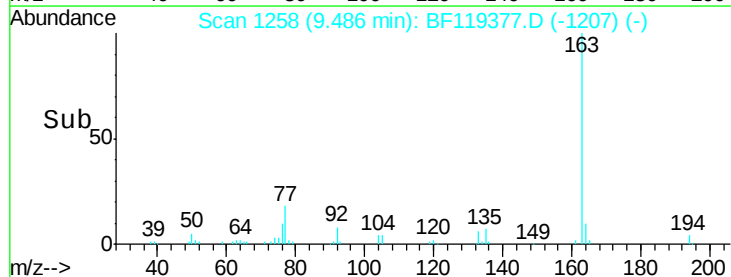
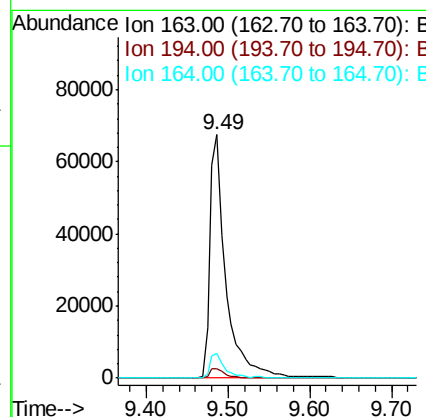
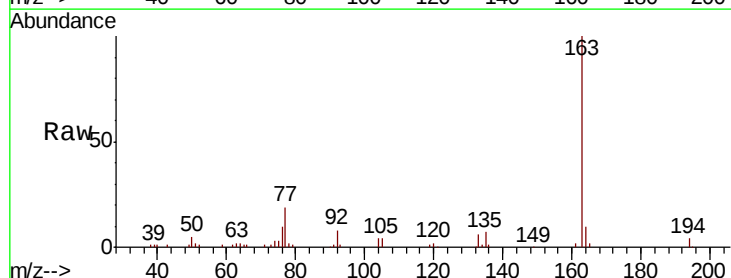
Instrument :
BNA_F
ClientSampleId :
C-3

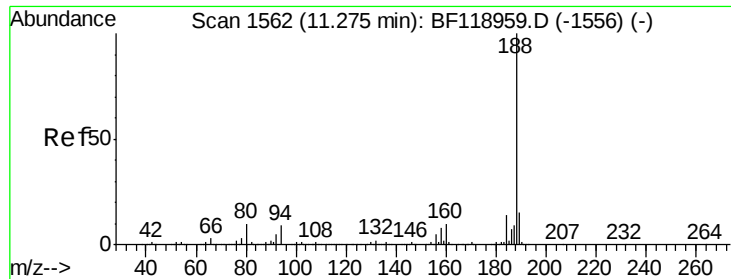
Tot Ion:172 Resp: 1141693
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.1 20.2 30.2



#50
Dimethylphthalate
Concen: 4.765 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:163 Resp: 92504
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.1 8.4 12.6

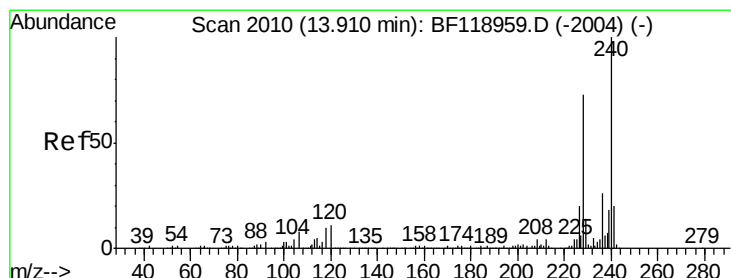
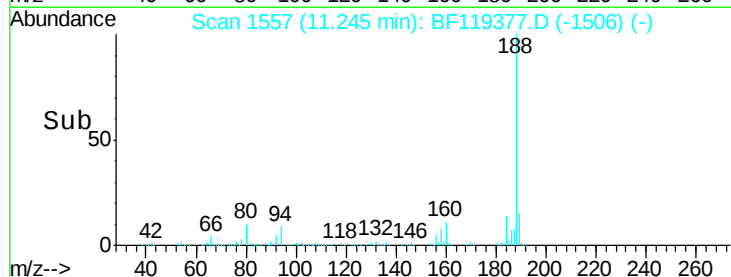
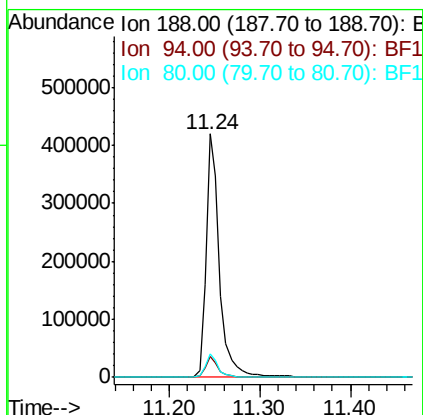
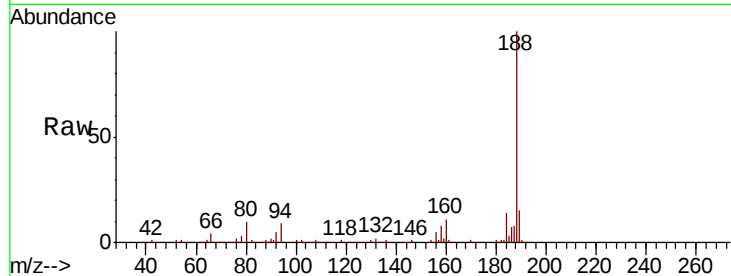




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

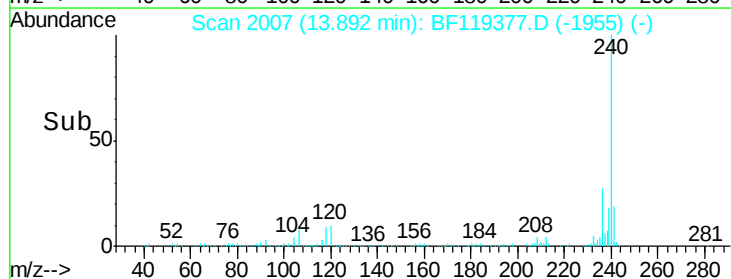
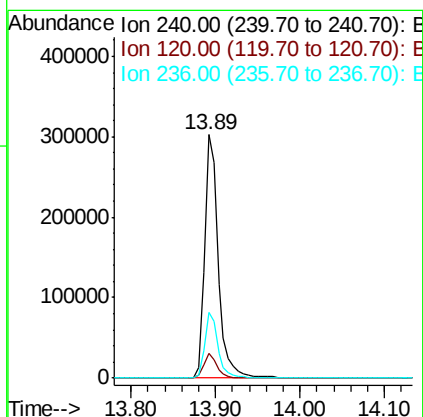
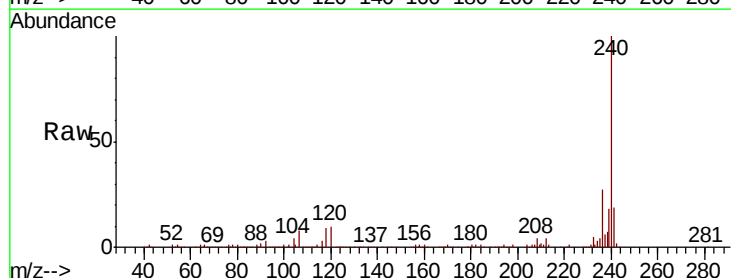
Instrument :
BNA_F
ClientSampled :
C-3

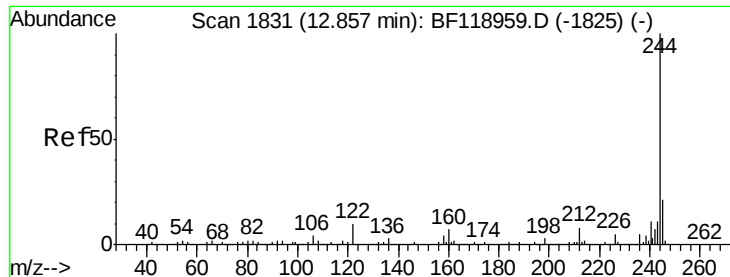
Tot Ion:188 Resp: 437746
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.8 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:240 Resp: 336152
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.7 21.0 31.4



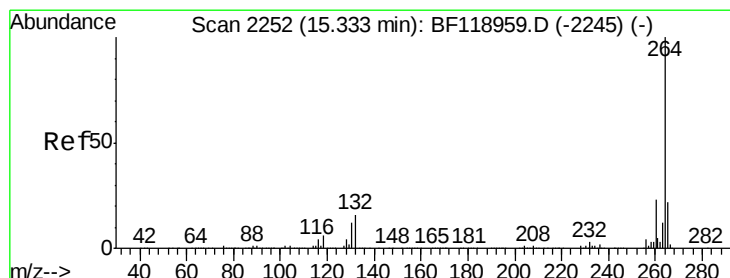
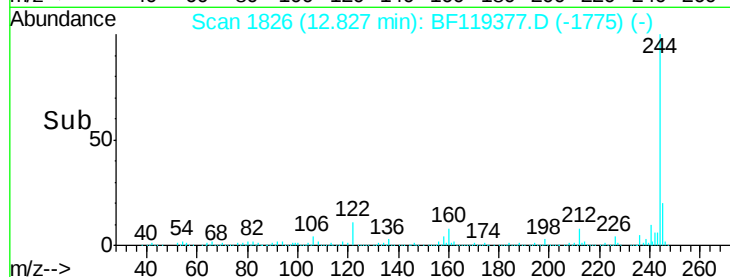
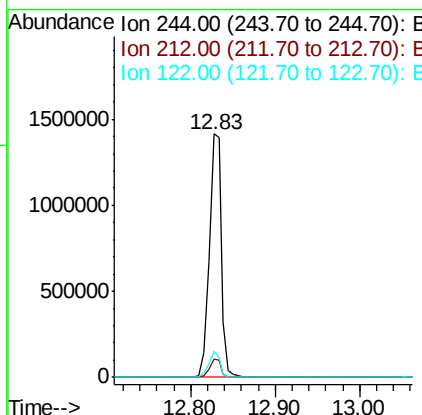
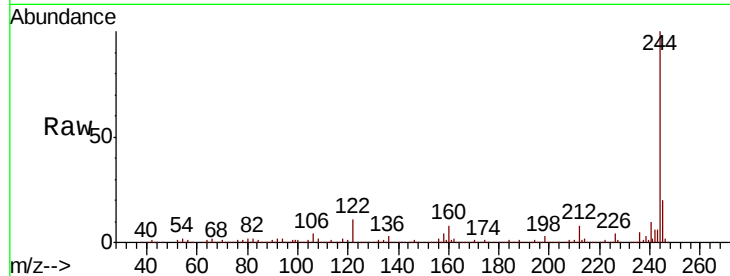


#79
 Terphenyl-d14
 Concen: 73.304 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119377.D
 Acq: 12 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1431239

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.6	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119377.D
 Acq: 12 Mar 2020 12:52

Tgt Ion:264 Resp: 329167

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	20.8	17.7	26.5

