

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119362.D
 Acq On : 11 Mar 2020 23:10
 Operator : CG/JU
 Sample : L1874-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Mar 12 07:23:41 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

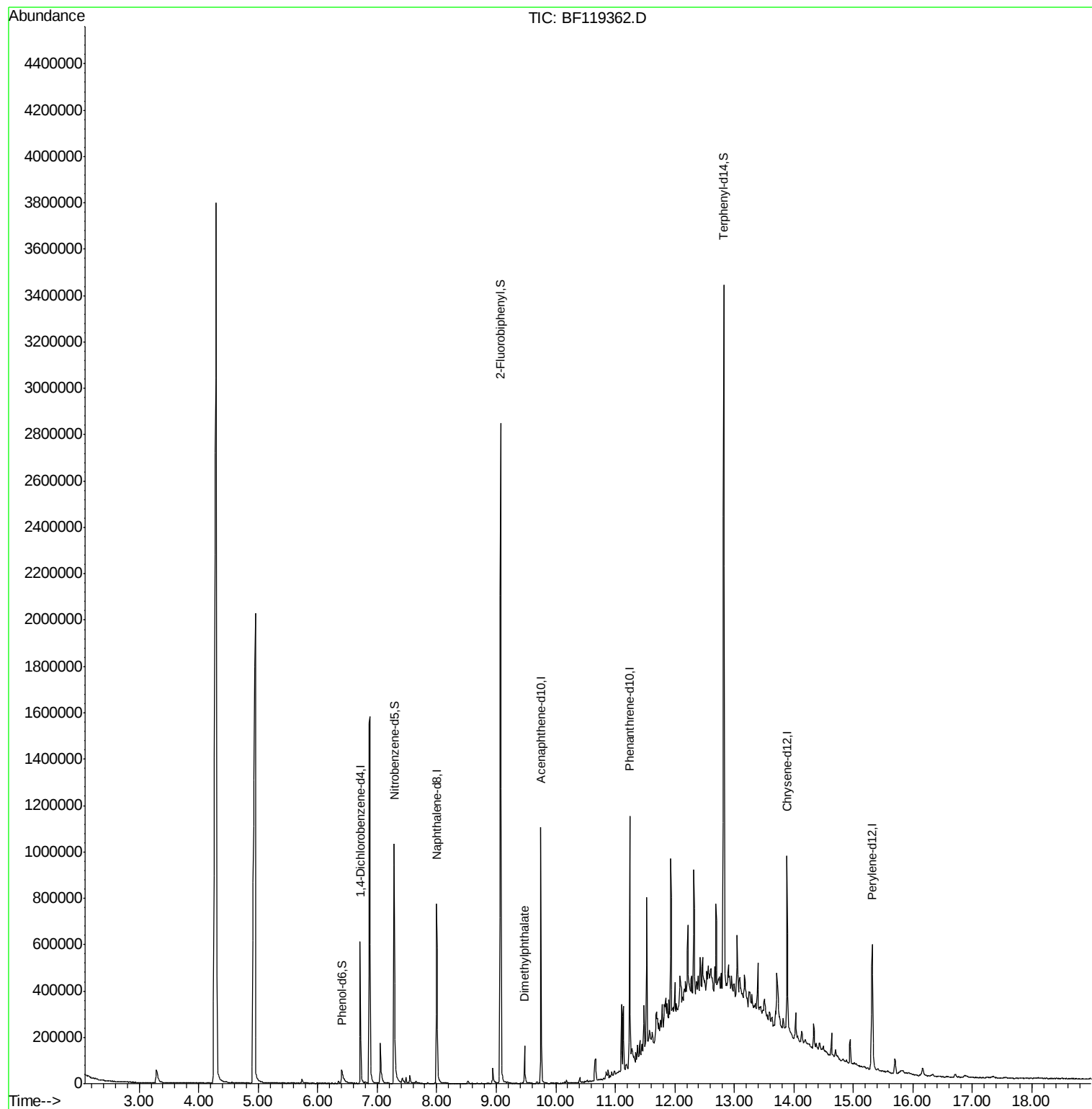
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102372	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	399001	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	221260	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	403824	20.00	ng	0.00
76) Chrysene-d12	13.89	240	262509	20.00	ng	0.00
87) Perylene-d12	15.32	264	272947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	6.40	99	58087	7.80	ng	0.02
23) Nitrobenzene-d5	7.29	82	438123	57.98	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.07	172	882999	58.79	ng	-0.01
79) Terphenyl-d14	12.82	244	1044165	68.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	80895	4.781	ng	Qvalue 97

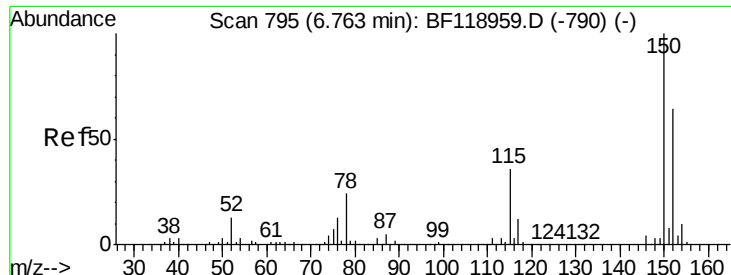
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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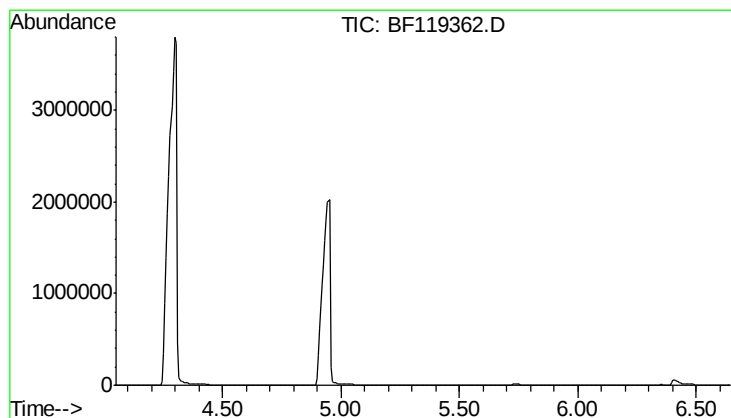
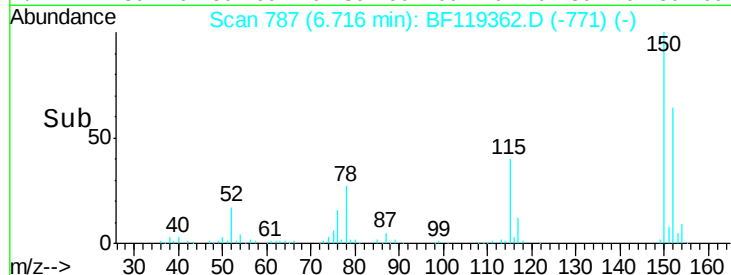
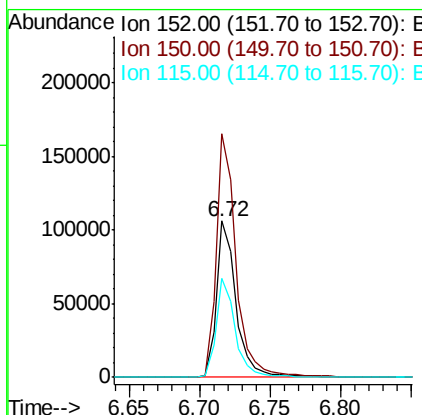
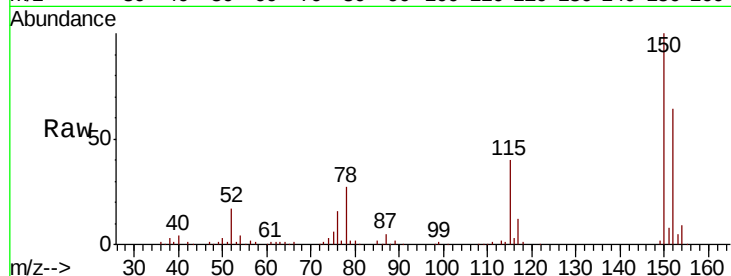




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

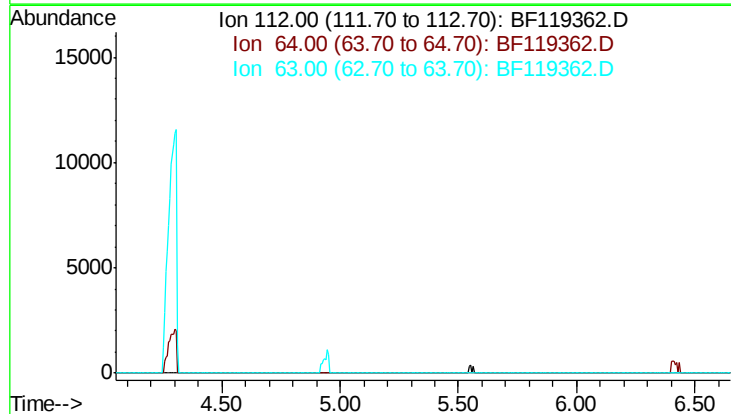
Instrument :
 BNA_F
 ClientSampleId :
 C-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	62.9	49.5	74.3



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.35 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

Tgt Ion	Sig	Exp Ratio
112	100	
64	56.2	
63	30.3	





#7

Phenol-d6

Concen: 7.797 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF119362.D

Acq: 11 Mar 2020 23:10

Instrument :

BNA_F

ClientSampleId :

C-2

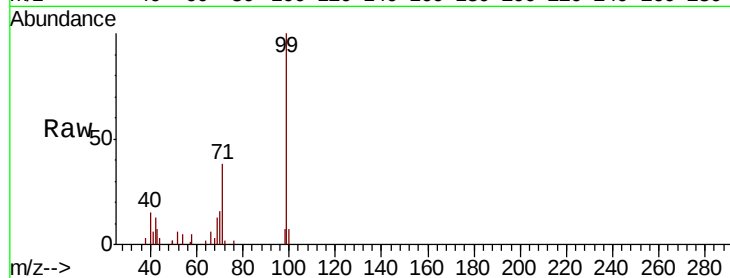
Tot Ion: 99 Resp: 58087

Ion Ratio Lower Upper

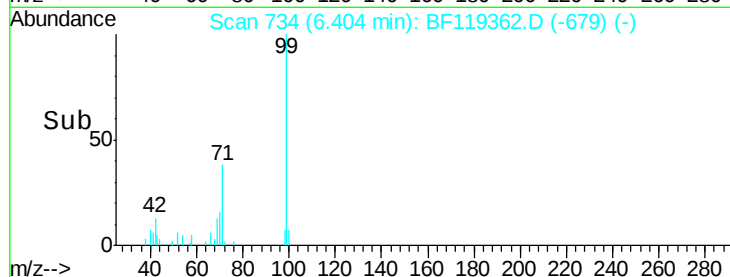
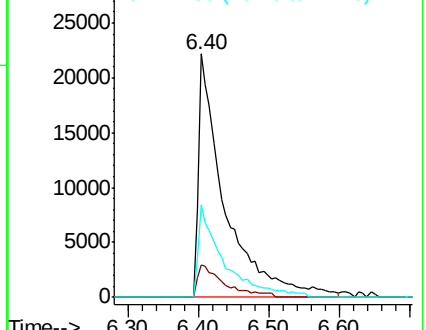
99 100

42 13.2 12.6 18.8

71 38.2 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: BF119362.D

Acq: 11 Mar 2020 23:10

Tgt Ion: 136 Resp: 399001

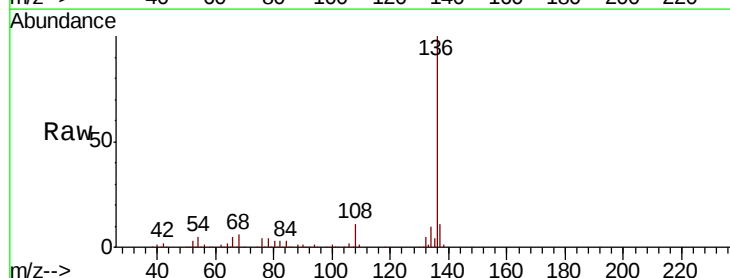
Ion Ratio Lower Upper

136 100

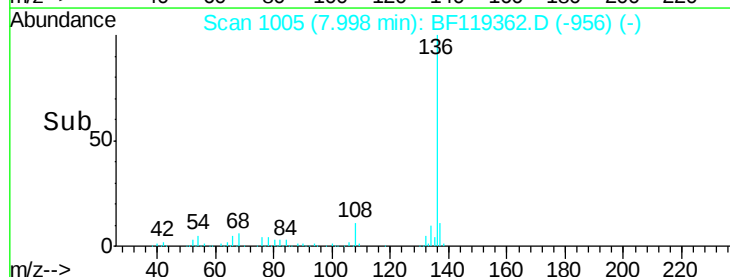
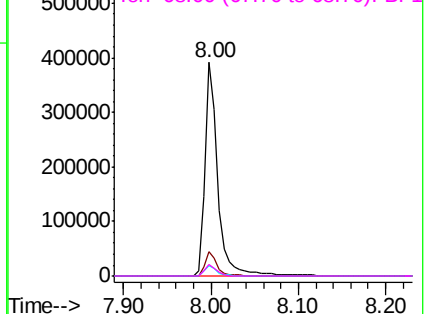
137 11.3 8.8 13.2

54 5.0 3.8 5.6

68 5.6 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

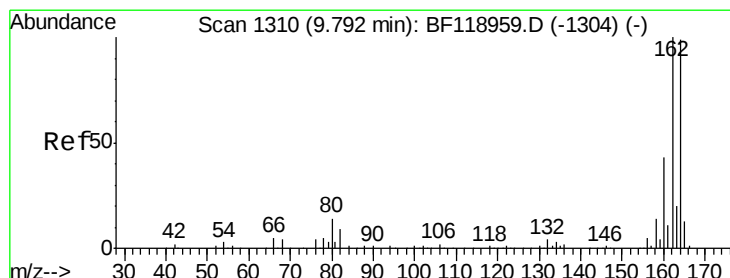
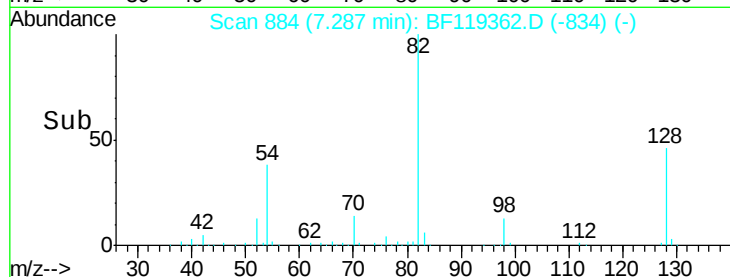
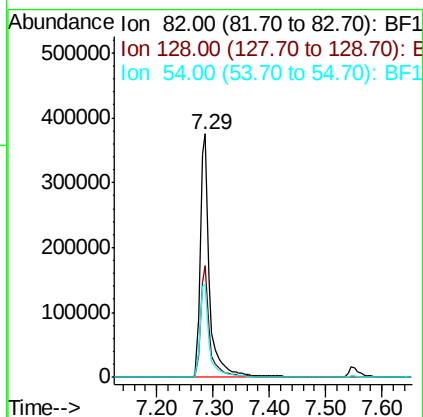
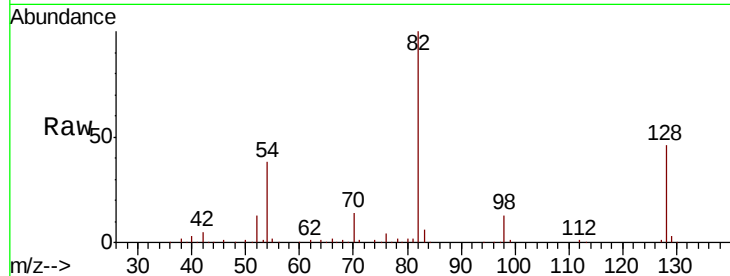




#23
 Nitrobenzene-d5
 Concen: 57.977 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

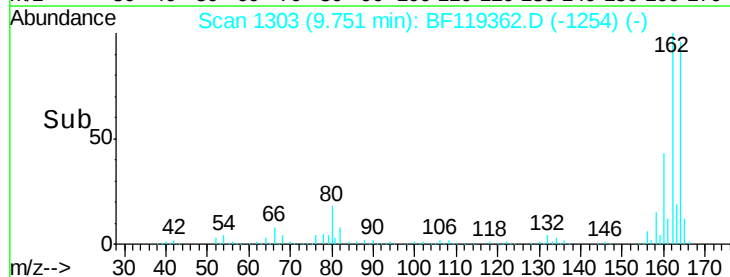
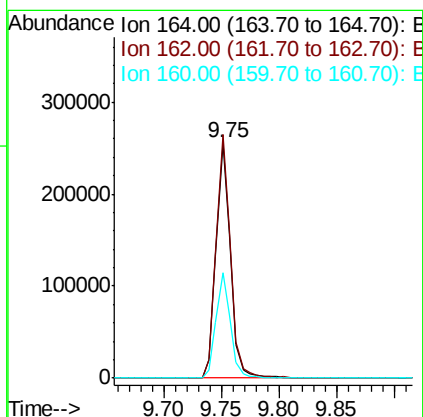
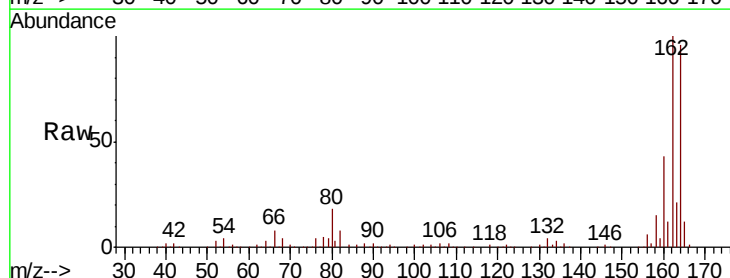
Instrument :
 BNA_F
 ClientSampled :
 C-2

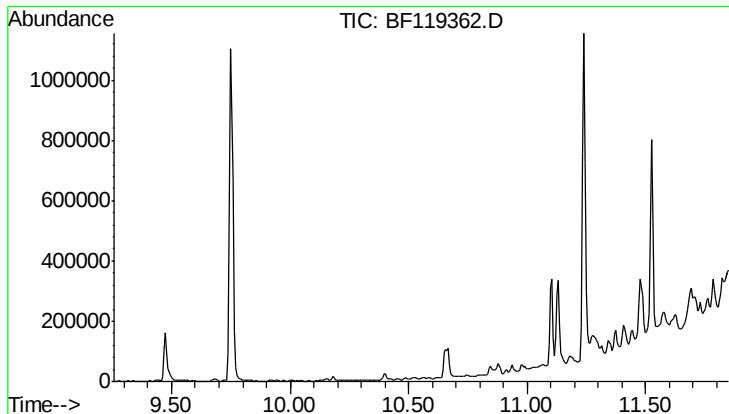
Tot Ion: 82 Resp: 438123
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.9 56.9
 54 38.1 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

Tgt Ion:164 Resp: 221260
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.8 122.8
 160 44.6 36.0 54.0

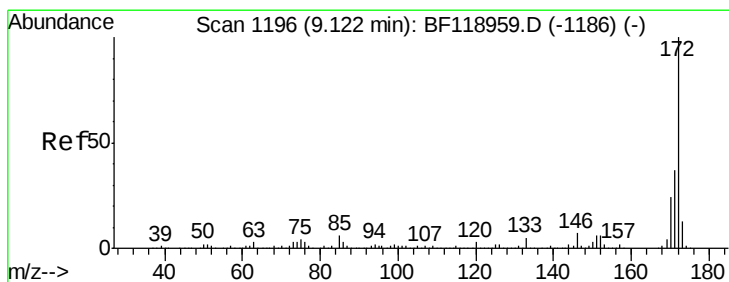
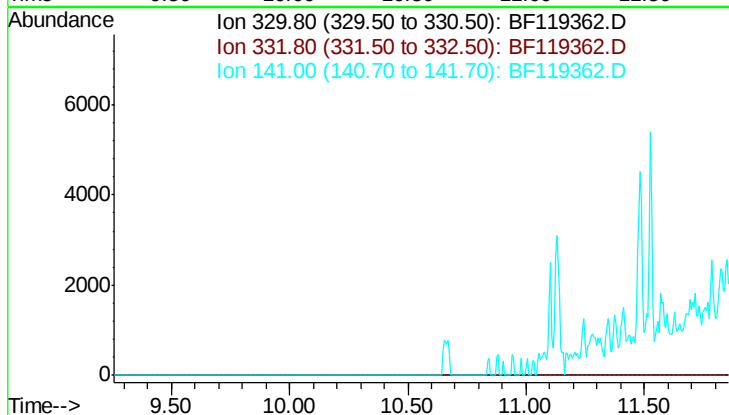




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

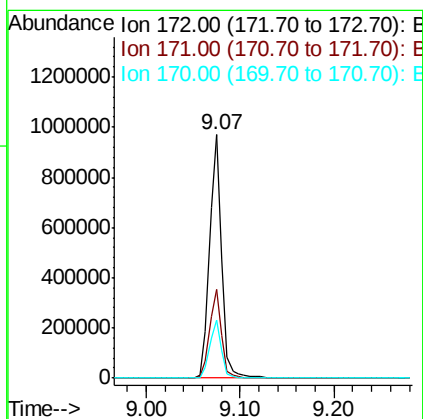
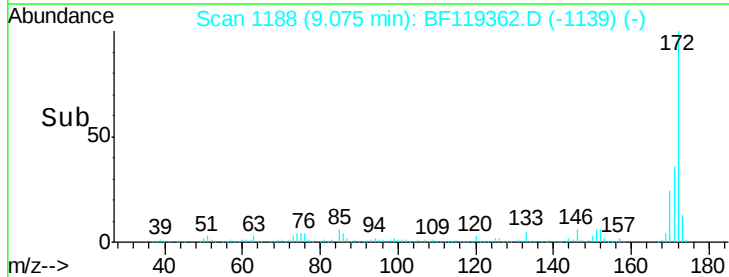
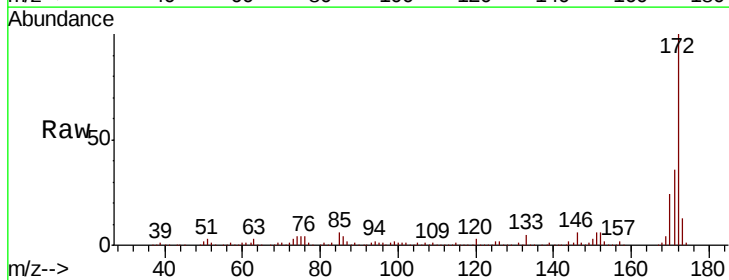
Instrument :
 BNA_F
 ClientSampleId :
 C-2

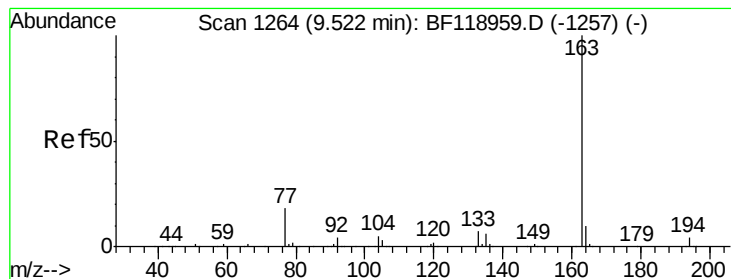
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#45
 2-Fluorobiphenyl
 Concen: 58.791 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

Tgt Ion:172 Resp: 882999
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 45.8
 170 23.9 20.2 30.2





#50

Dimethylphthalate

Concen: 4.781 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119362.D

Acq: 11 Mar 2020 23:10

Instrument :

BNA_F

ClientSampled :

C-2

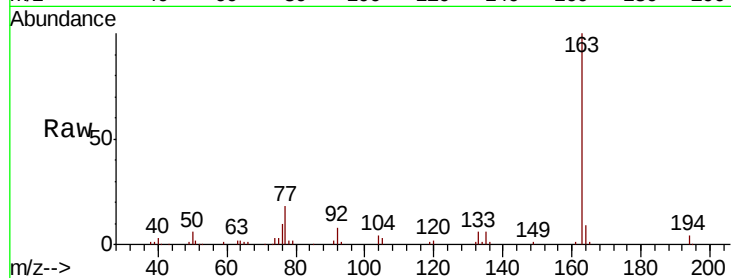
Tot Ion:163 Resp: 80895

Ion Ratio Lower Upper

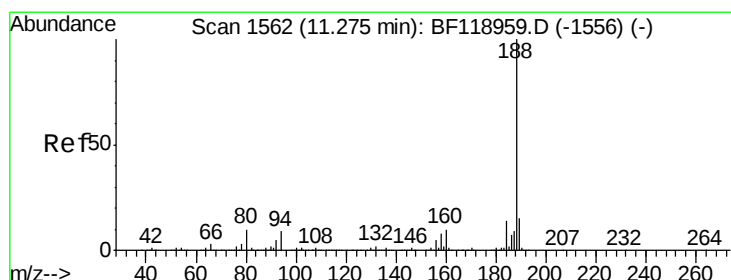
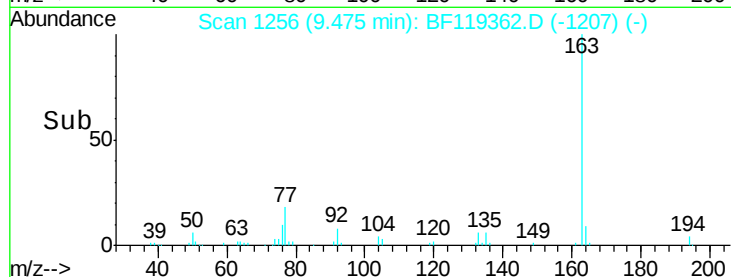
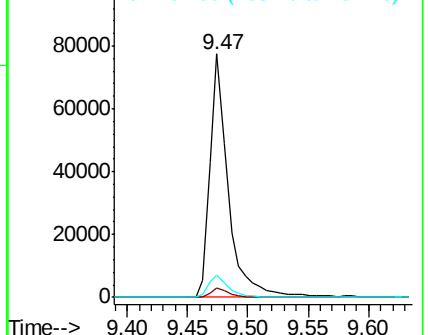
163 100

194 3.8 3.5 5.3

164 9.3 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: BF119362.D

Acq: 11 Mar 2020 23:10

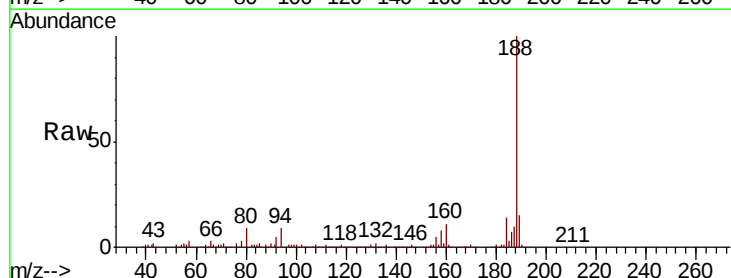
Tgt Ion:188 Resp: 403824

Ion Ratio Lower Upper

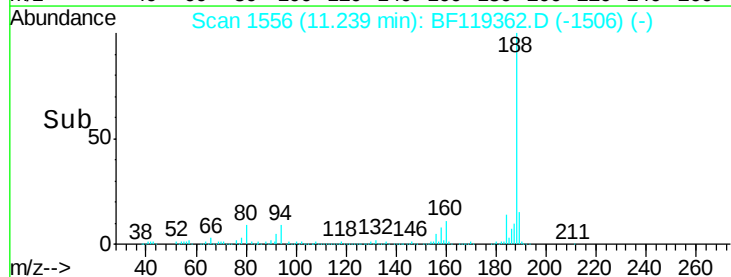
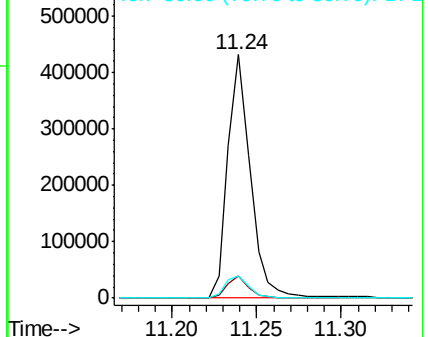
188 100

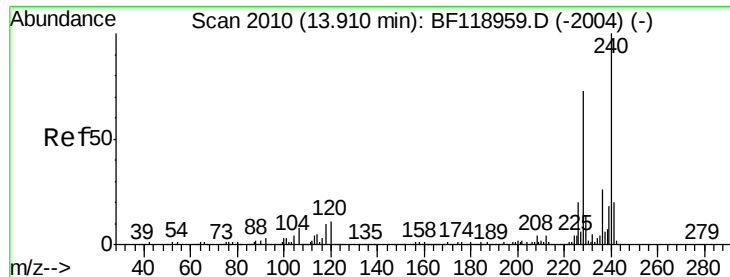
94 8.9 7.1 10.7

80 9.4 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

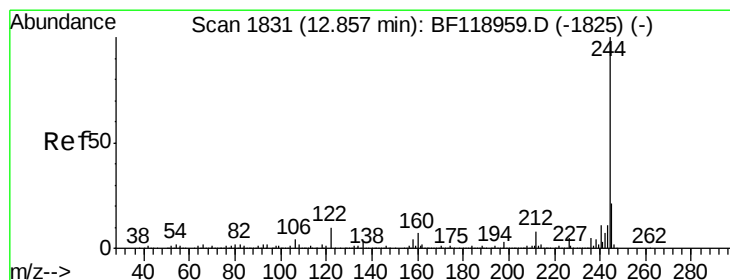
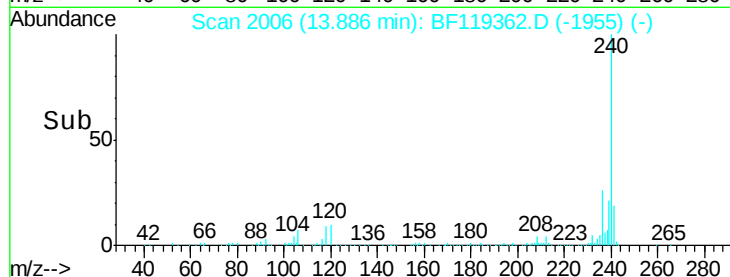
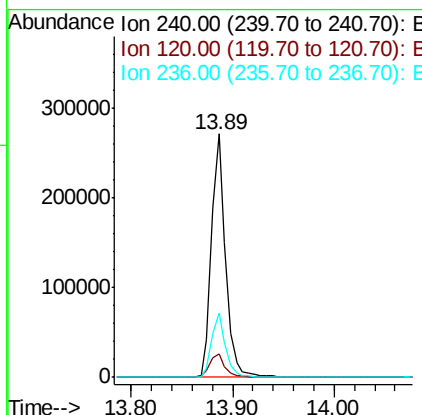
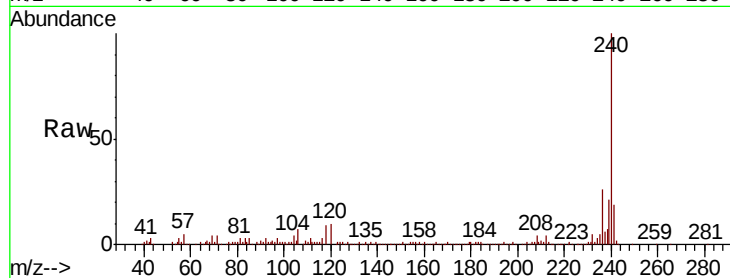




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

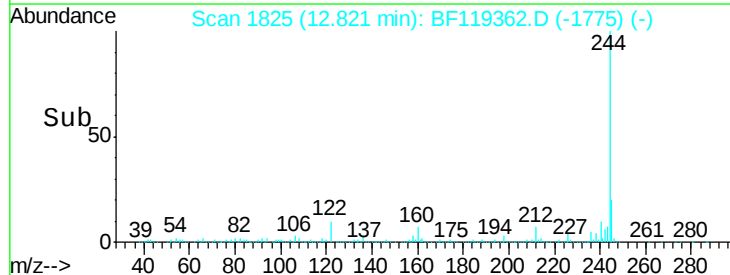
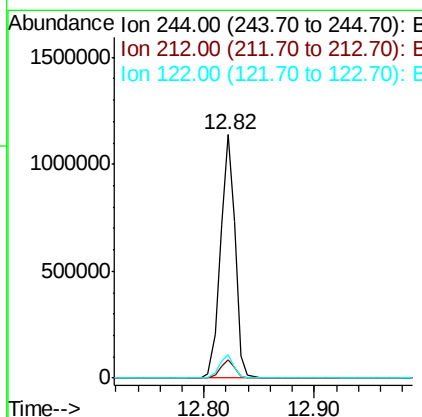
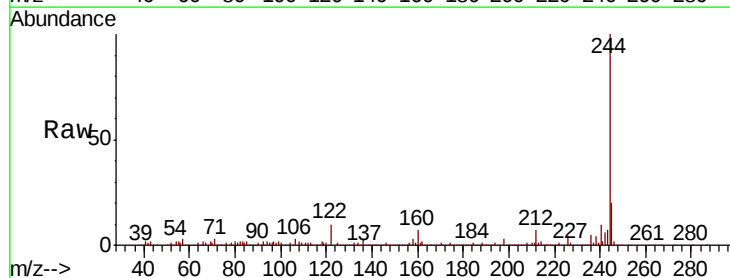
Instrument :
 BNA_F
 ClientSampleId :
 C-2

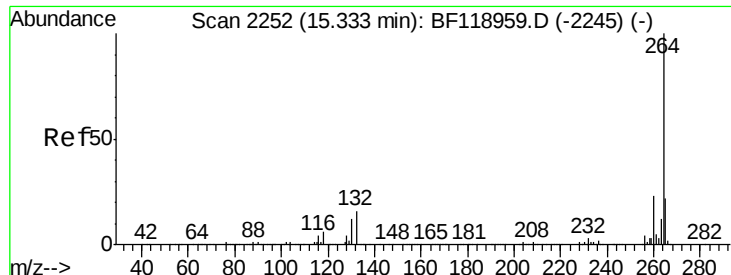
Tot Ion:240 Resp: 262509
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 26.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 68.482 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

Tgt Ion:244 Resp: 1044165
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 10.0
 122 9.6 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119362.D
 Acq: 11 Mar 2020 23:10

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.1	17.7	26.5

