

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119138.D
 Acq On : 28 Feb 2020 18:56
 Operator : CG/JU
 Sample : L1718-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11986

Quant Time: Mar 02 03:09:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

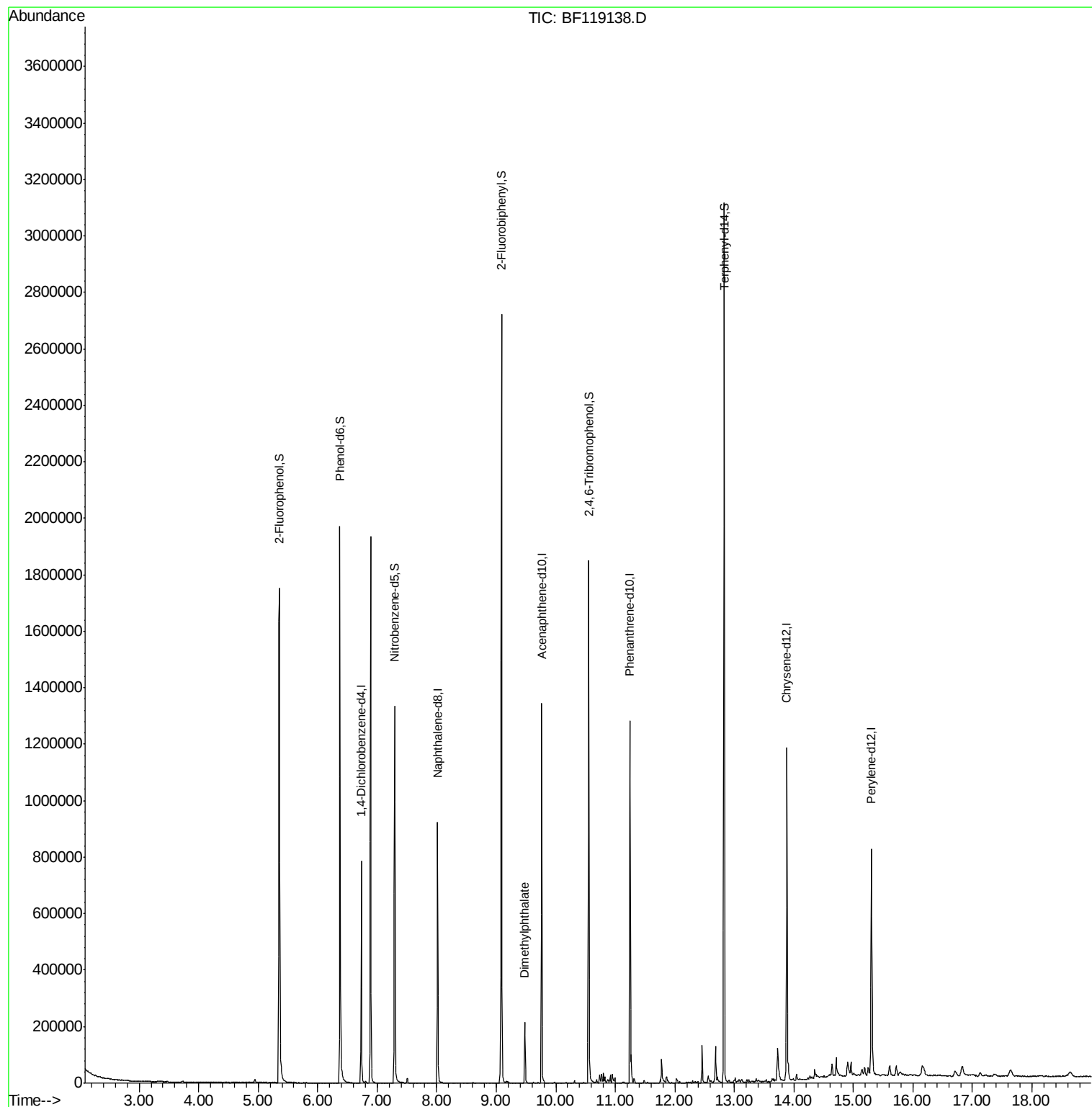
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123275	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	466208	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	263550	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	488797	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	370105	20.00	ng	-0.02
87) Perylene-d12	15.30	264	353159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	582310	78.94	ng	-0.01
7) Phenol-d6	6.37	99	707923	78.91	ng	-0.03
23) Nitrobenzene-d5	7.29	82	458430	51.92	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	249549	72.38	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	872839	48.79	ng	-0.02
79) Terphenyl-d14	12.83	244	1072897	49.91	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.48	163	89998	4.466	ng	Qvalue 99

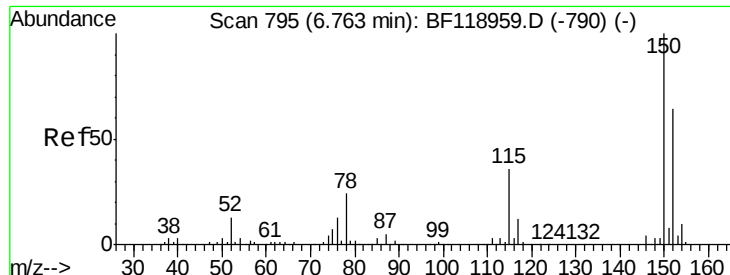
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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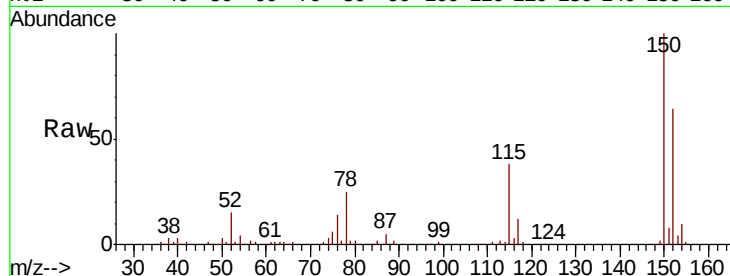


#1

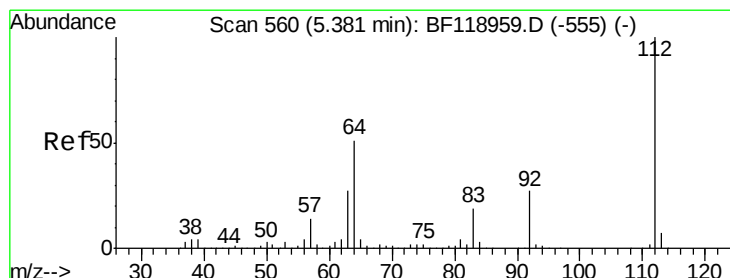
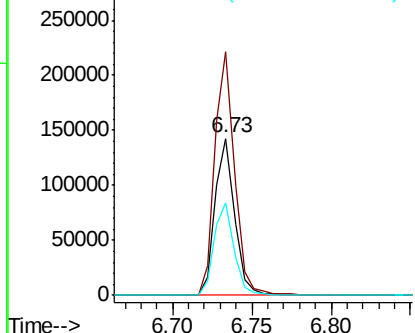
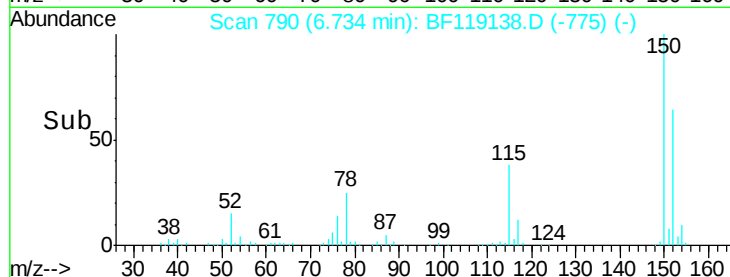
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

Instrument :
 BNA_F
 ClientSampleId :
 72-11986

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.0	184.6
115	59.2	49.5	74.3



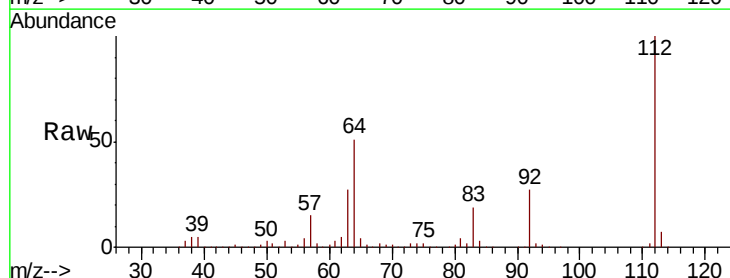
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



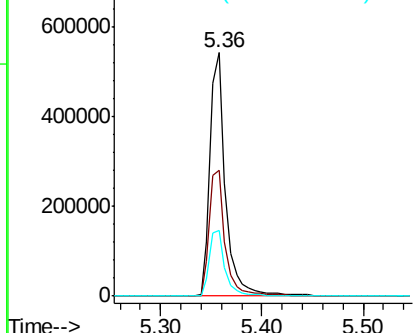
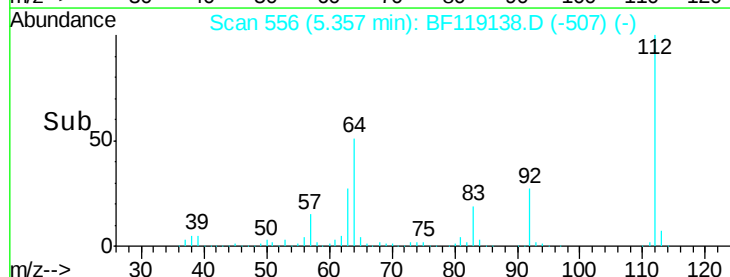
#5

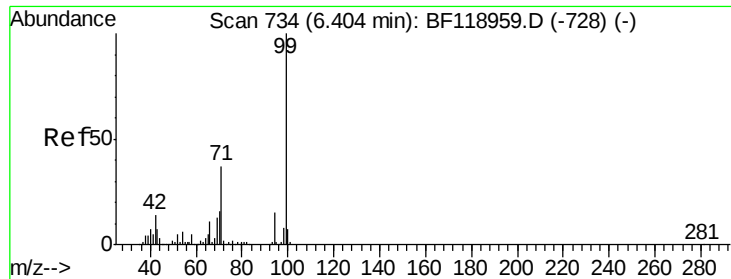
2-Fluorophenol
 Concen: 78.941 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.0	67.4
63	27.2	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: 78.910 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampled :

72-11986

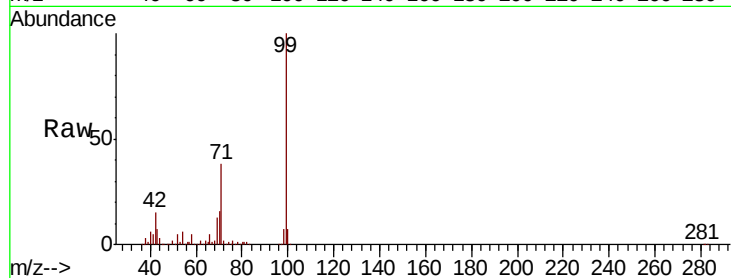
Tot Ion: 99 Resp: 707923

Ion Ratio Lower Upper

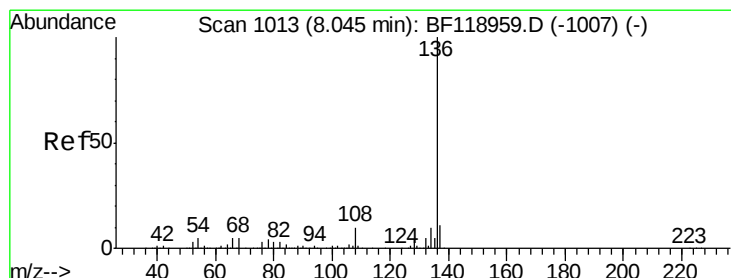
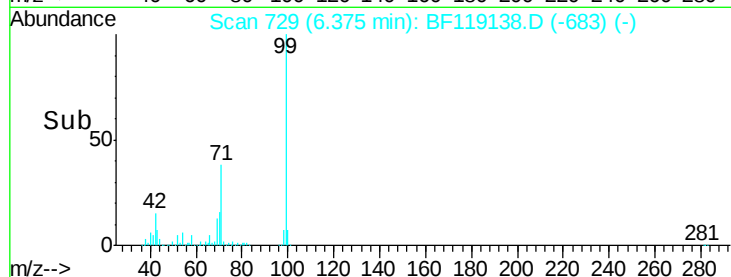
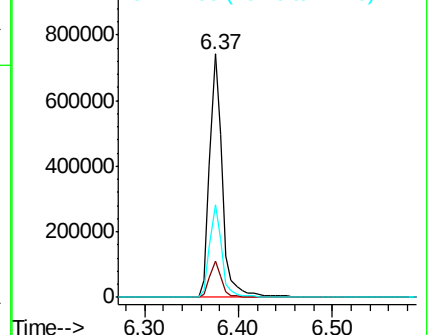
99 100

42 14.8 12.6 18.8

71 38.0 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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Tgt Ion: 136 Resp: 466208

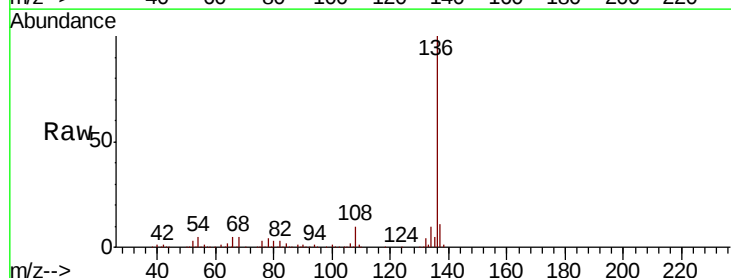
Ion Ratio Lower Upper

136 100

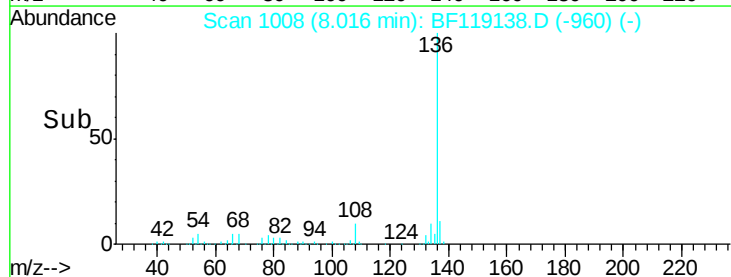
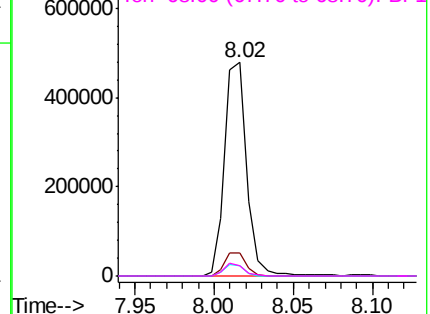
137 11.0 8.8 13.2

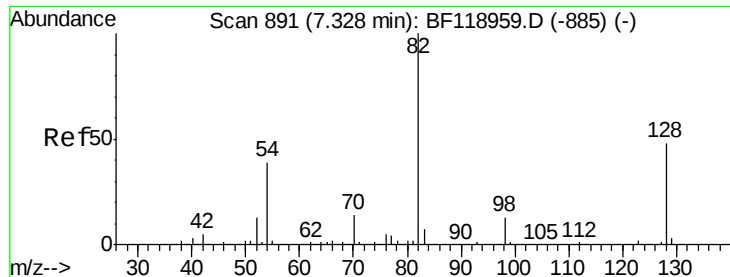
54 4.6 3.8 5.6

68 4.8 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

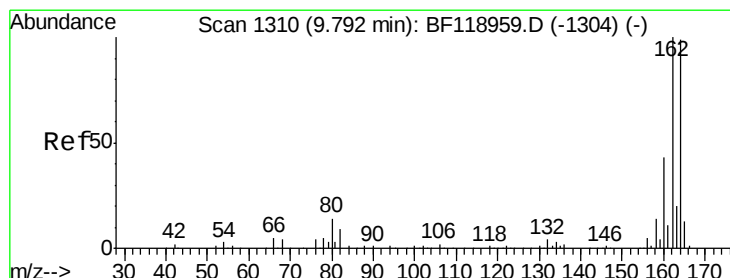
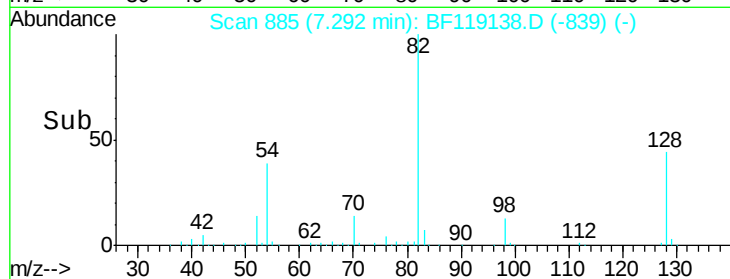
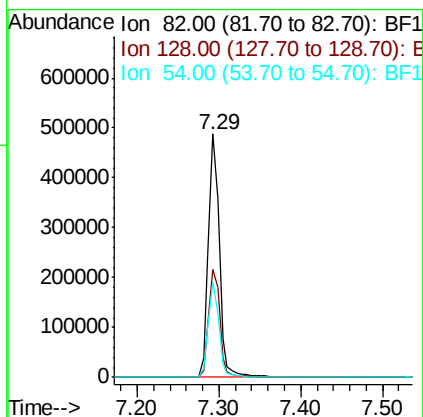
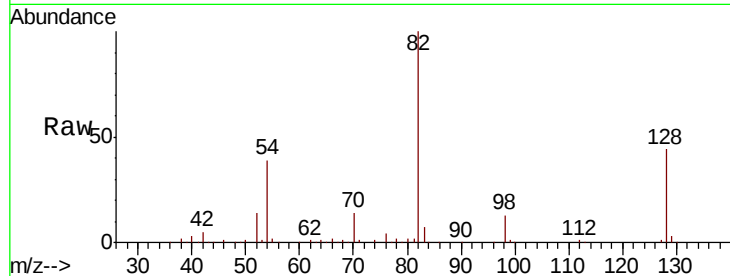




#23
 Nitrobenzene-d5
 Concen: 51.919 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

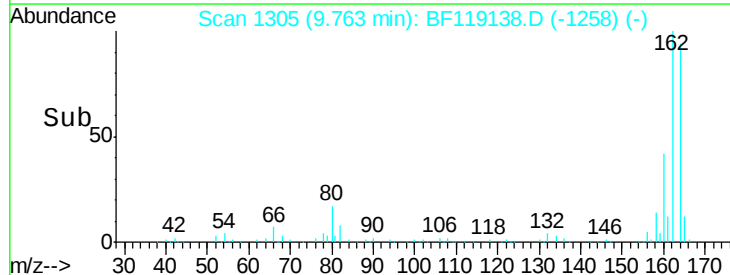
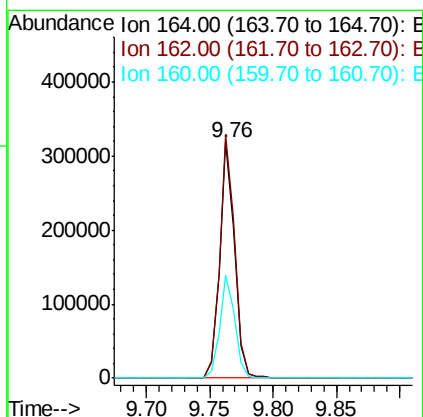
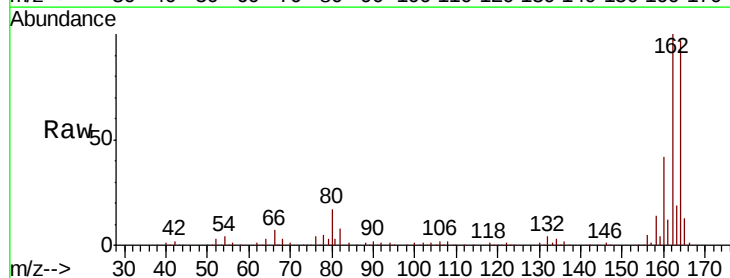
Instrument :
 BNA_F
 ClientSampleId :
 72-11986

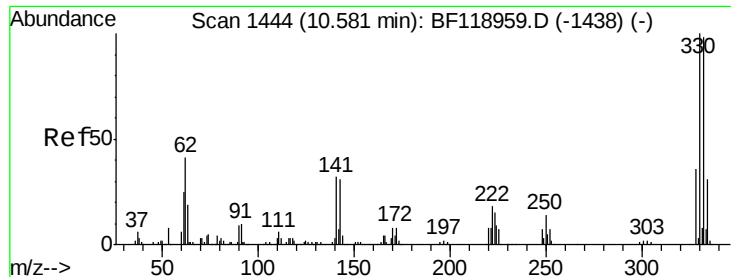
Tot Ion: 82 Resp: 458430
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.9 56.9
 54 38.9 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

Tgt Ion: 164 Resp: 263550
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.8
 160 43.5 36.0 54.0

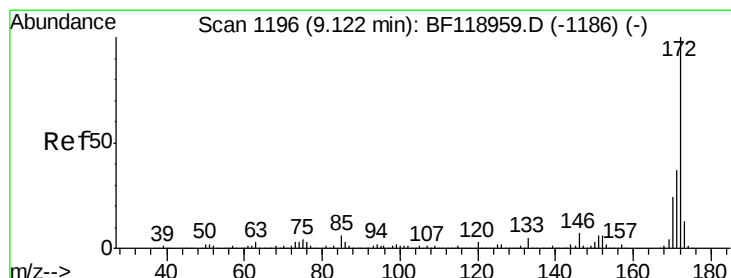
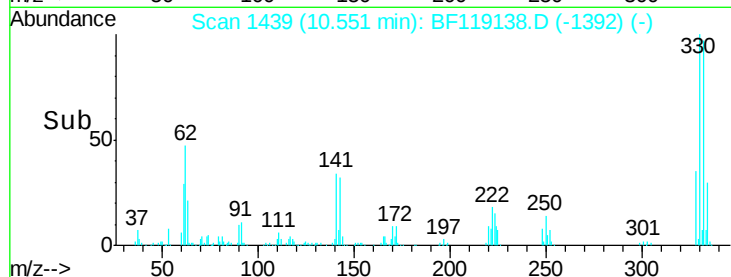
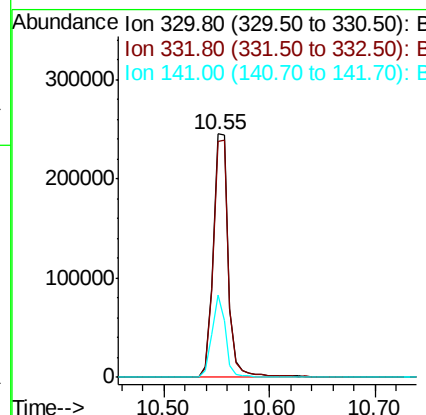
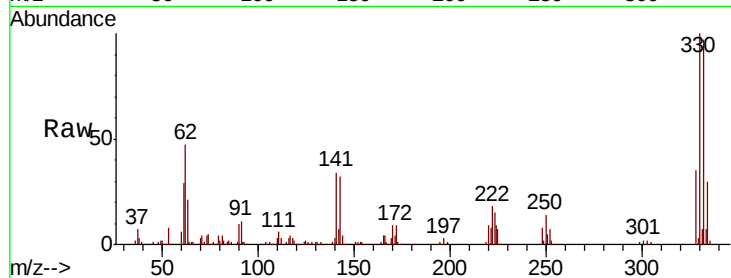




#42
 2,4,6-Tribromophenol
 Concen: 72.382 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

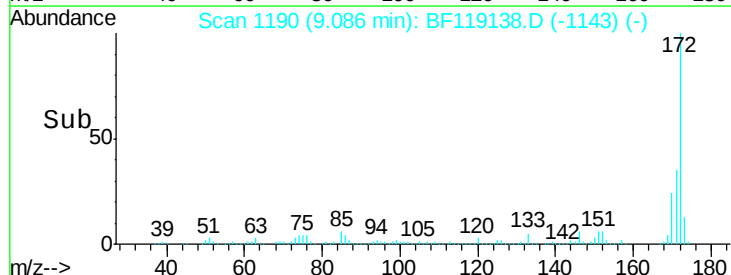
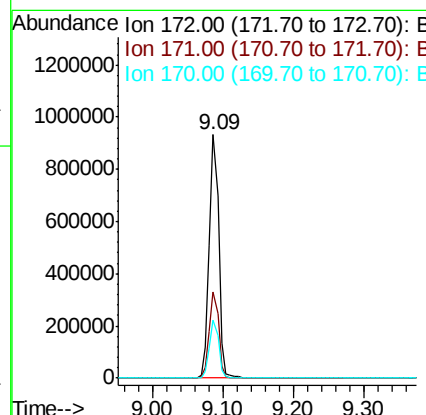
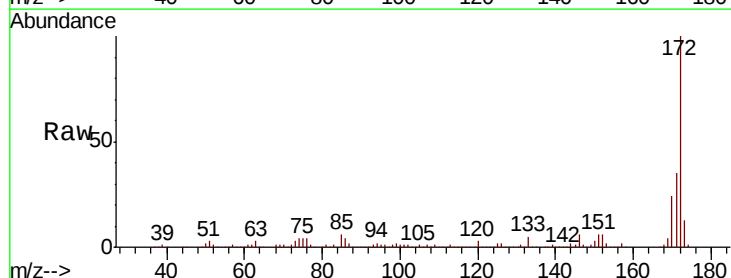
Instrument :
 BNA_F
 ClientSampleId :
 72-11986

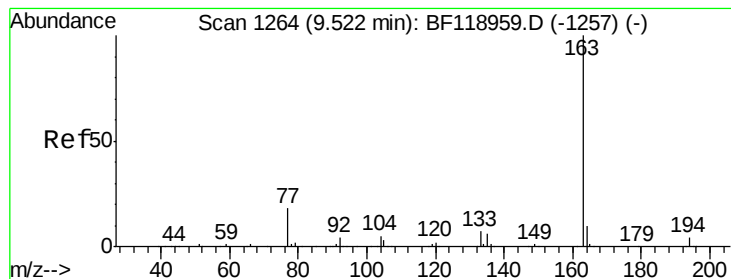
Tot Ion	330	332	141
Resp:	249549		
Ion Ratio	100	97.7	30.4
Lower		76.0	22.9
Upper		114.0	34.3



#45
 2-Fluorobiphenyl
 Concen: 48.789 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

Tgt Ion	172	171	170
Resp:	872839		
Ion Ratio	100	35.5	24.0
Lower		30.6	20.2
Upper		45.8	30.2





#50

Dimethylphthalate

Concen: 4.466 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampleId :

72-11986

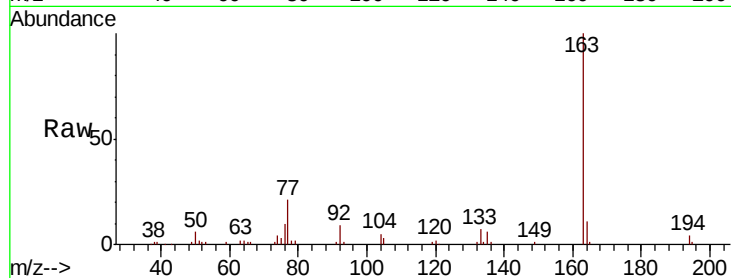
Tot Ion:163 Resp: 89998

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

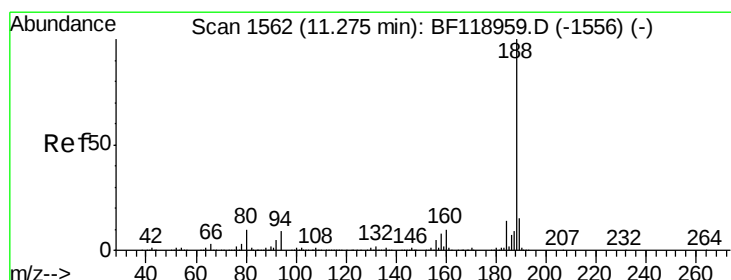
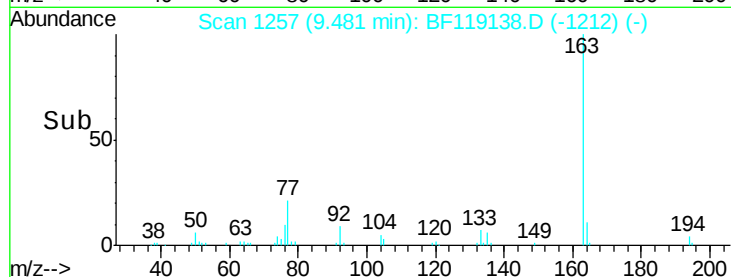
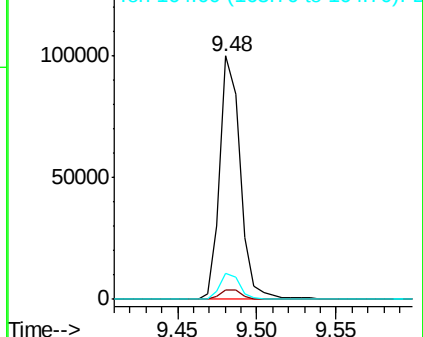
164 10.5 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

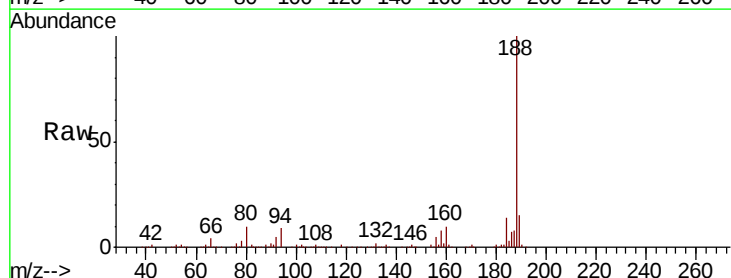
Tgt Ion:188 Resp: 488797

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

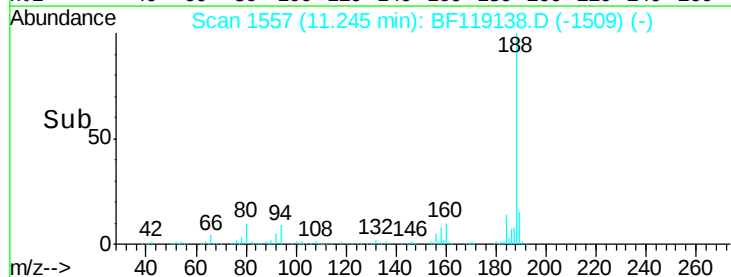
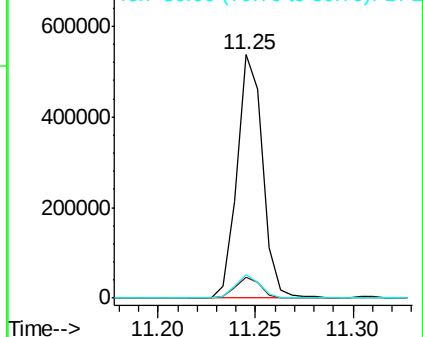
80 9.8 7.8 11.8

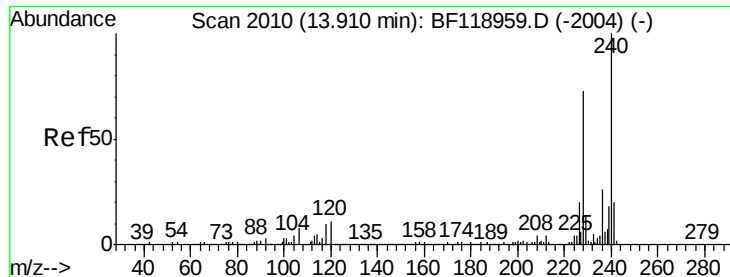


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampleId :

72-11986

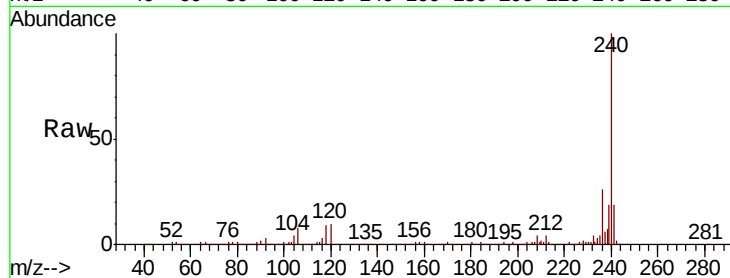
Tot Ion:240 Resp: 370105

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

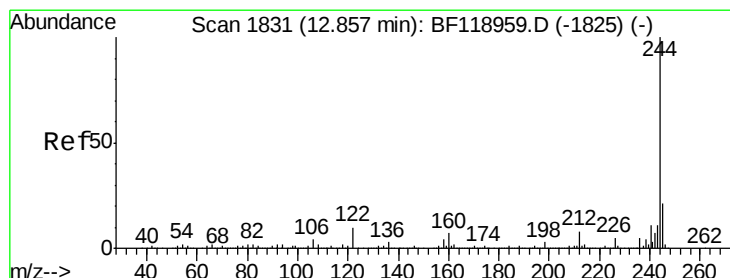
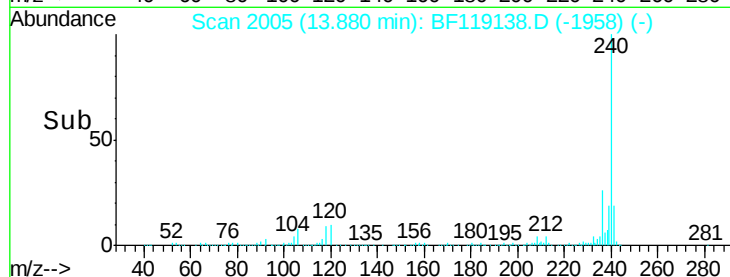
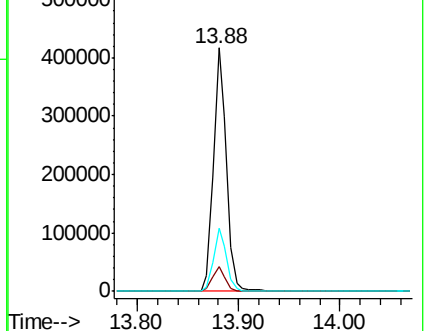
236 26.1 21.0 31.4



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: 49.910 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

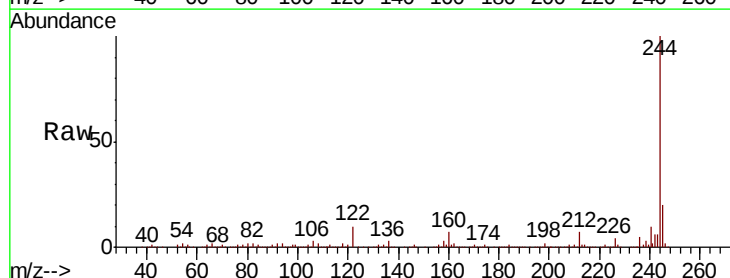
Tgt Ion:244 Resp: 1072897

Ion Ratio Lower Upper

244 100

212 6.9 6.6 10.0

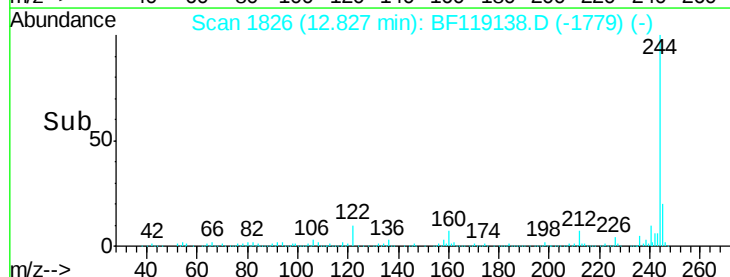
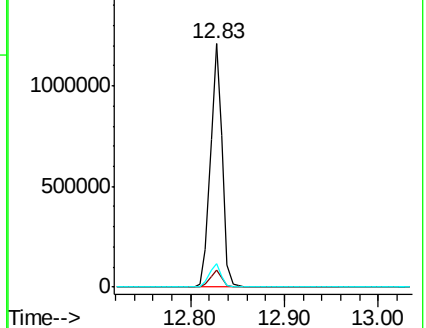
122 9.6 8.2 12.2

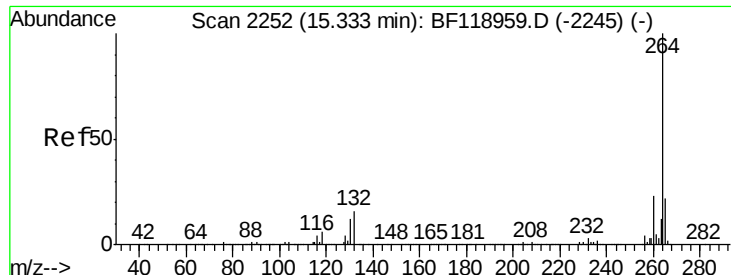


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

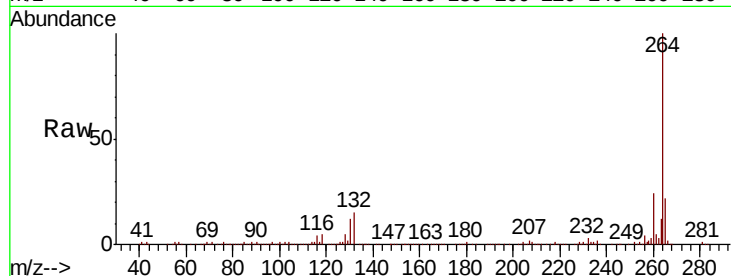




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

Instrument :
 BNA_F
 ClientSampleId :
 72-11986

Tot Ion:	264	Resp:	353159
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	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

