

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119092.D
 Acq On : 26 Feb 2020 13:55
 Operator : CG/JU
 Sample : L1681-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2

Quant Time: Feb 26 16:33:19 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

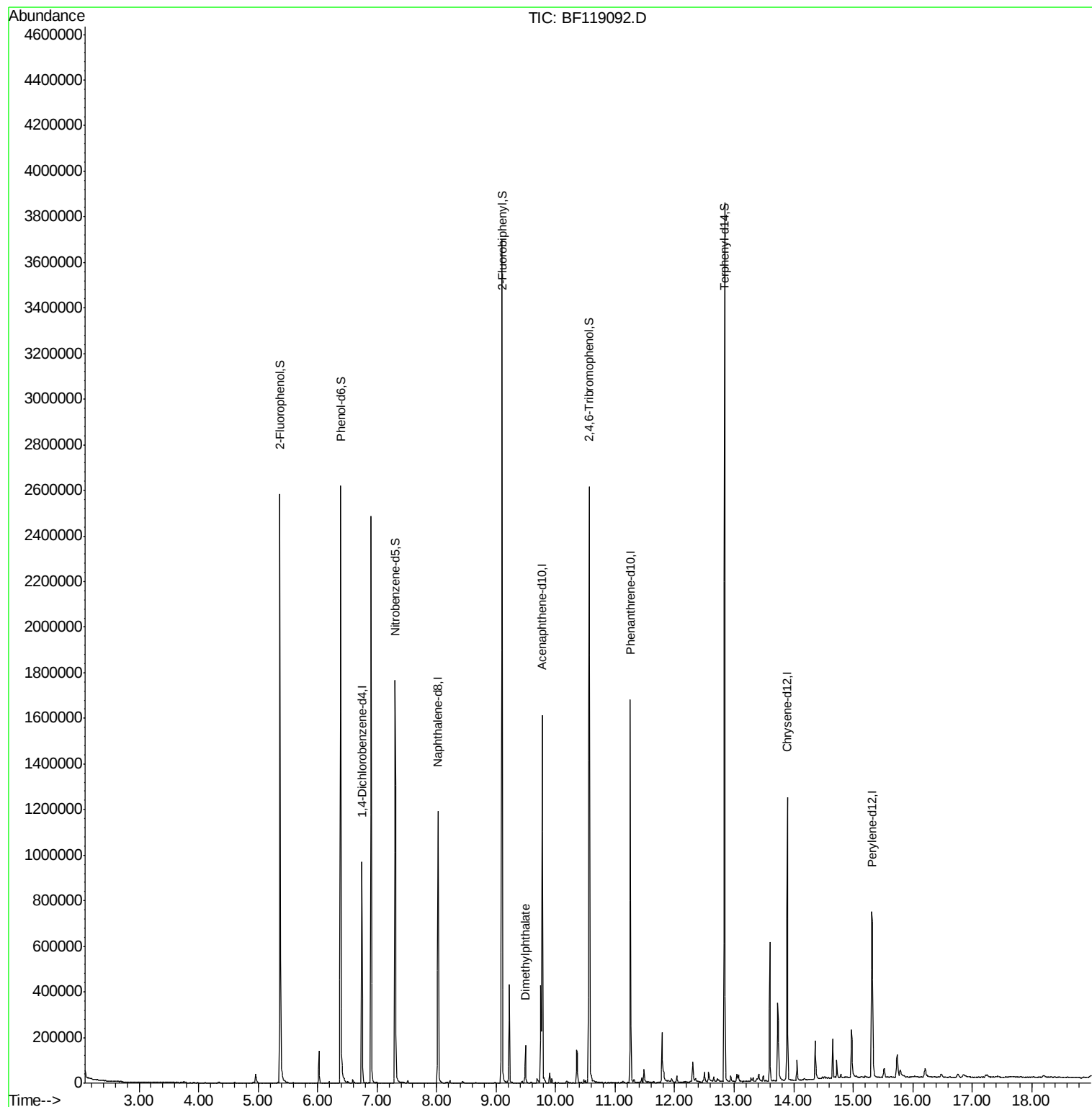
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	152993	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	591870	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	324679	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	606943	20.00	ng	0.00
76) Chrysene-d12	13.89	240	430597	20.00	ng	-0.01
87) Perylene-d12	15.32	264	337965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	773168	84.45	ng	0.00
7) Phenol-d6	6.39	99	940198	84.44	ng	-0.02
23) Nitrobenzene-d5	7.30	82	612585	54.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	342311	80.59	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1180373	53.56	ng	-0.01
79) Terphenyl-d14	12.84	244	1357274	54.27	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	64383	2.593	ng	99

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

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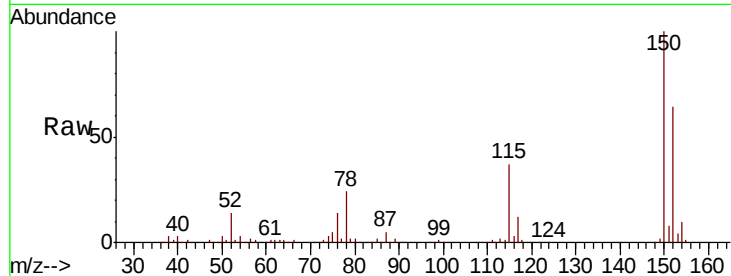


#1

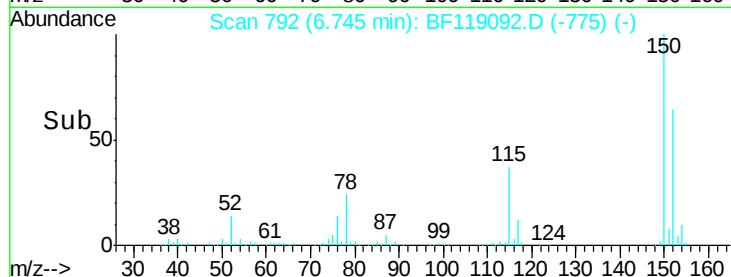
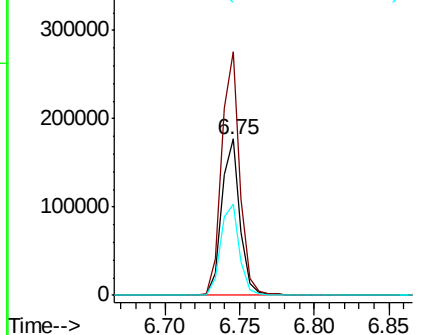
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119092.D
Acq: 26 Feb 2020 13:55

Instrument :
BNA_F
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SH-BORING-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.6
115	58.0	49.5	74.3



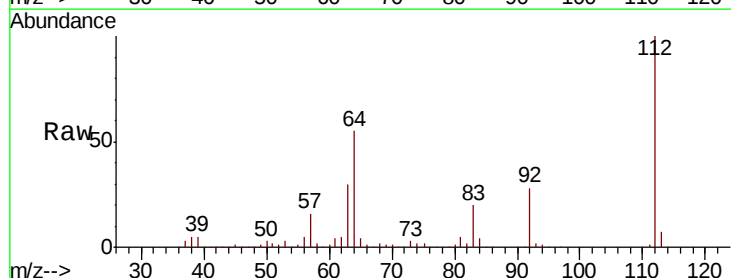
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



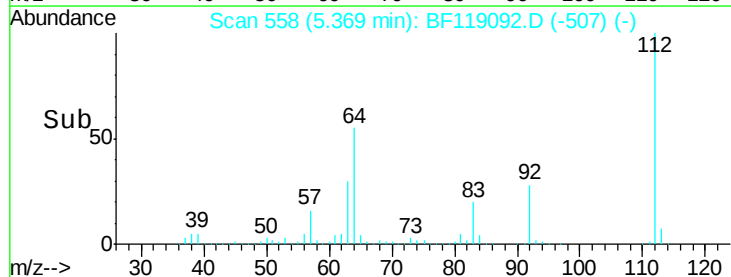
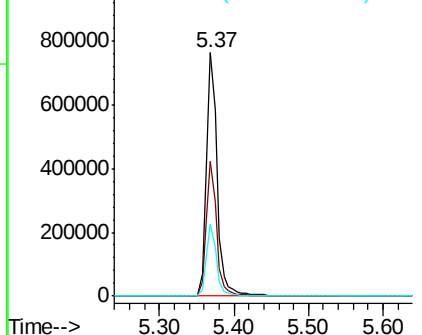
#5

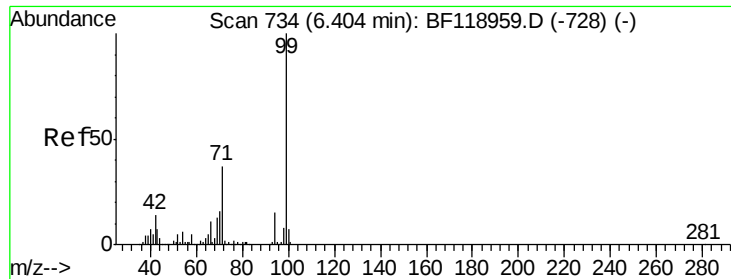
2-Fluorophenol
Concen: 84.455 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119092.D
Acq: 26 Feb 2020 13:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.0	67.4
63	29.7	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: 84.444 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119092.D

Acq: 26 Feb 2020 13:55

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2

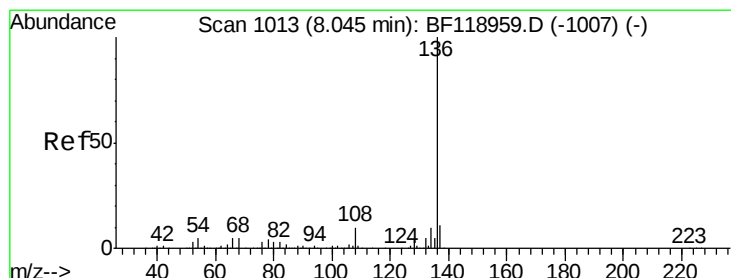
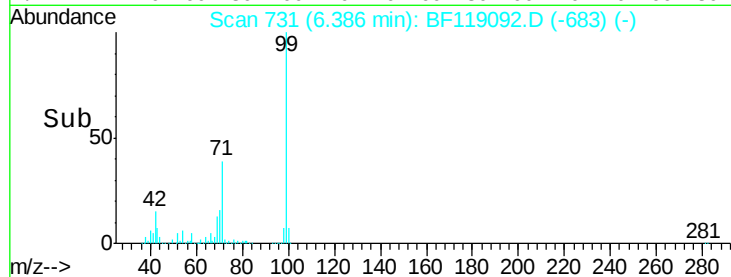
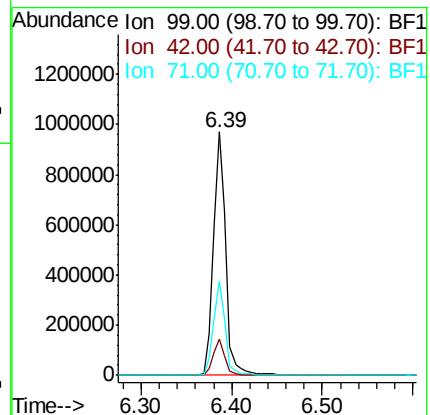
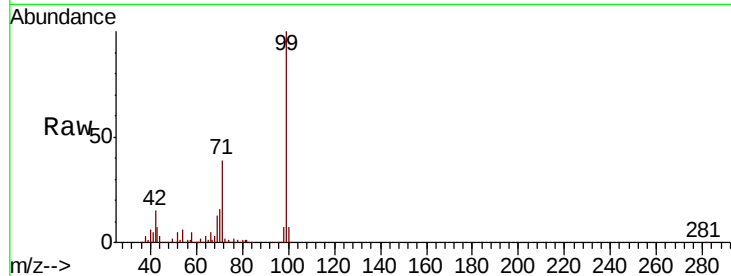
Tot Ion: 99 Resp: 940198

Ion Ratio Lower Upper

99 100

42 15.0 12.6 18.8

71 38.6 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119092.D

Acq: 26 Feb 2020 13:55

Tgt Ion: 136 Resp: 591870

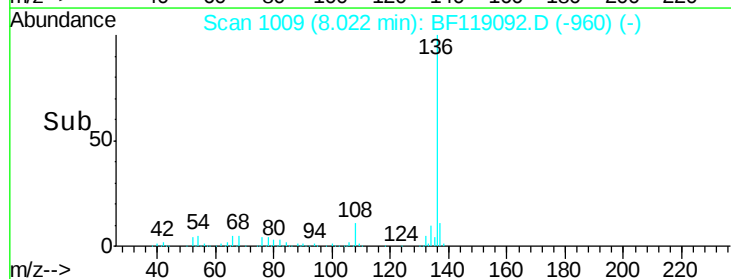
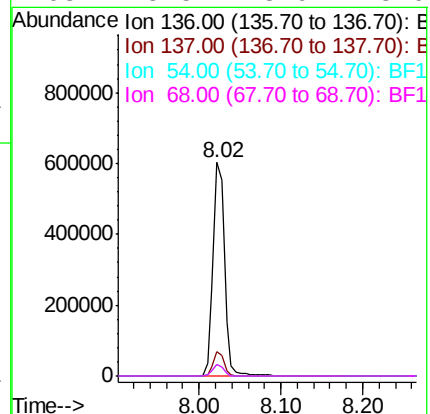
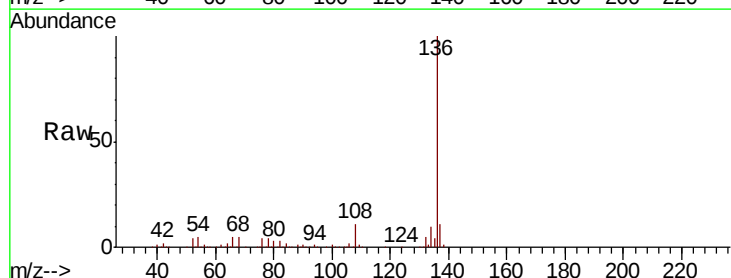
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.2 3.8 5.6

68 5.5 3.9 5.9

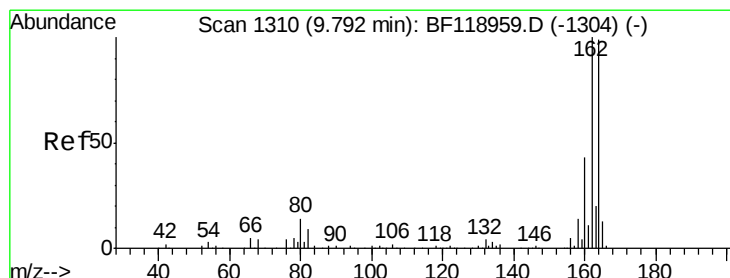
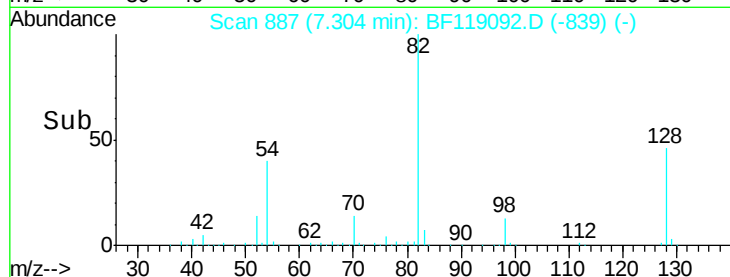
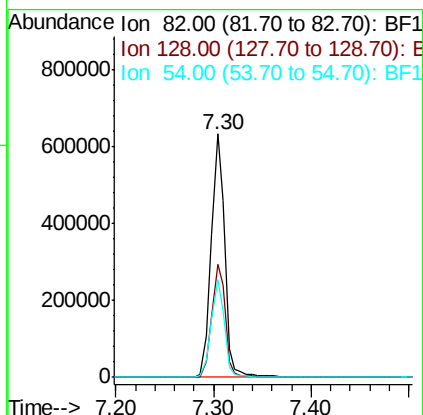
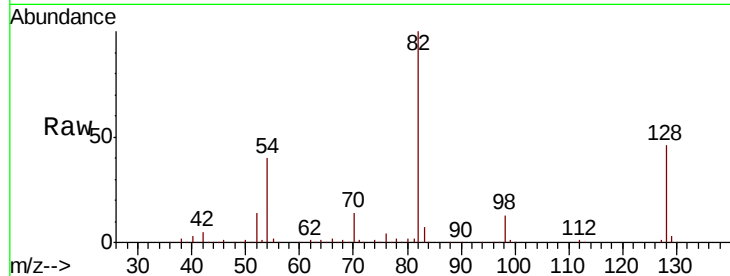




#23
 Nitrobenzene-d5
 Concen: 54.648 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119092.D
 Acq: 26 Feb 2020 13:55

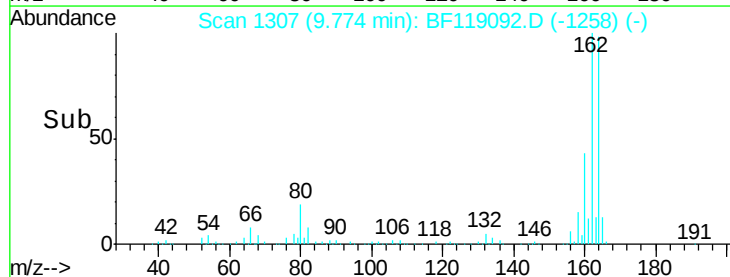
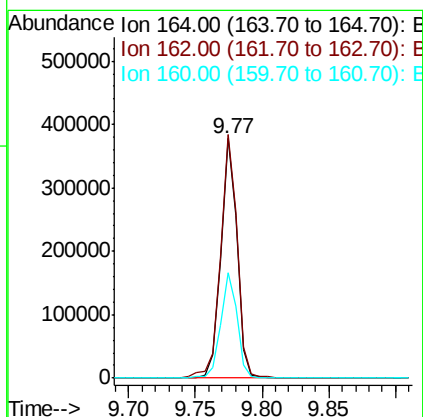
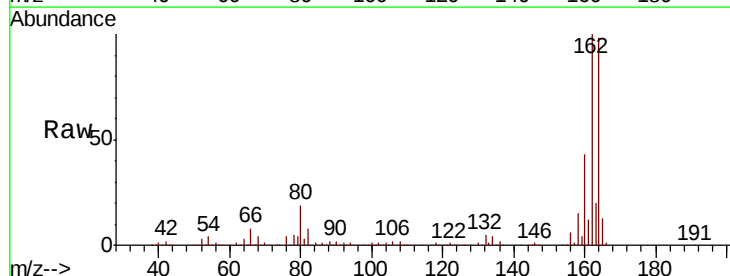
Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2

Tot Ion: 82 Resp: 612585
 Ion Ratio Lower Upper
 82 100
 128 46.3 37.9 56.9
 54 40.0 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119092.D
 Acq: 26 Feb 2020 13:55

Tgt Ion: 164 Resp: 324679
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.8 122.8
 160 44.0 36.0 54.0

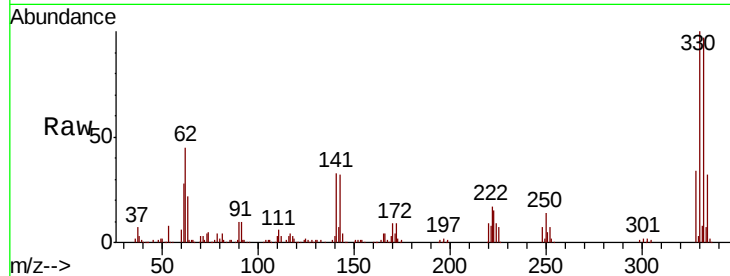




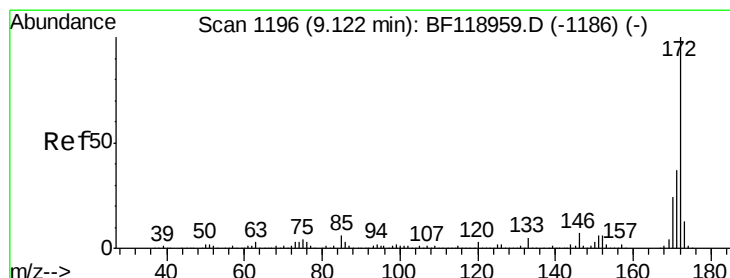
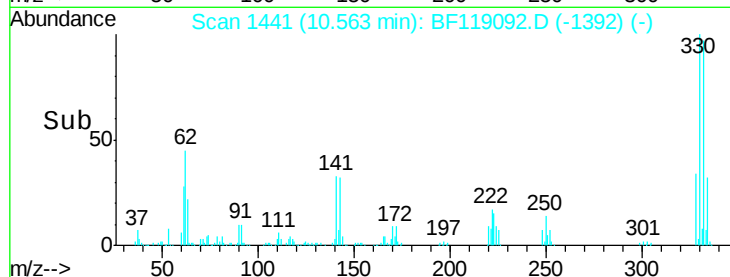
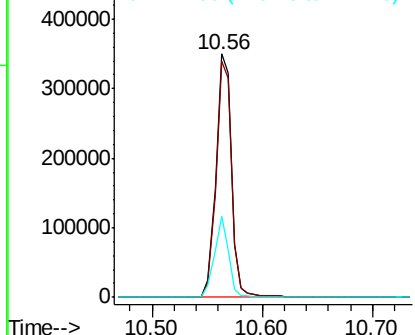
#42
 2,4,6-Tribromophenol
 Concen: 80.594 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119092.D
 Acq: 26 Feb 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	29.9	22.9	34.3

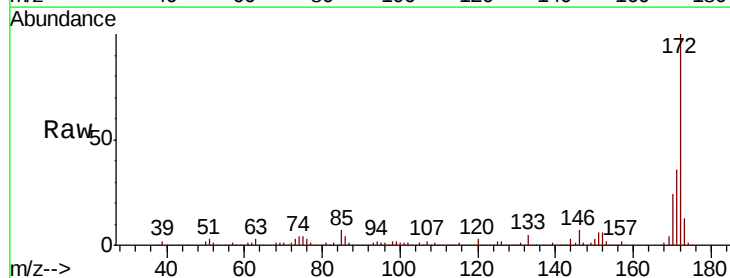


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

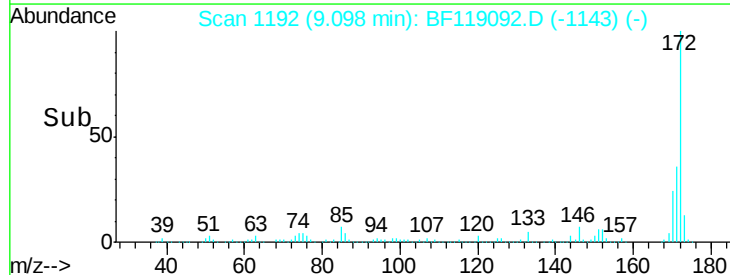
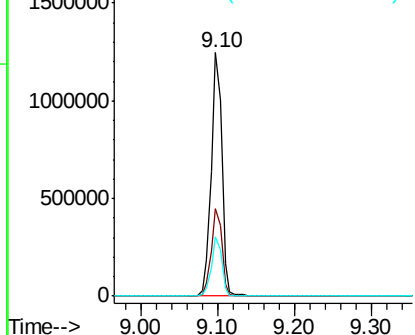


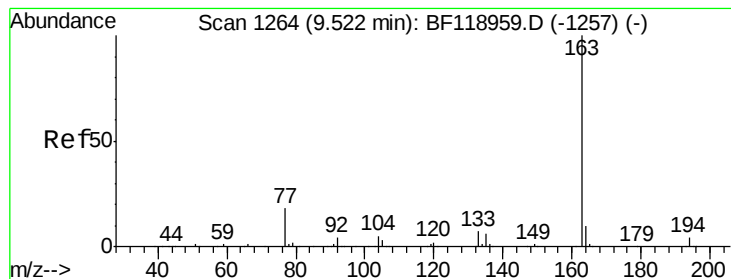
#45
 2-Fluorobiphenyl
 Concen: 53.557 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119092.D
 Acq: 26 Feb 2020 13:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	45.8
170	24.1	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: 2.593 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119092.D

Acq: 26 Feb 2020 13:55

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2

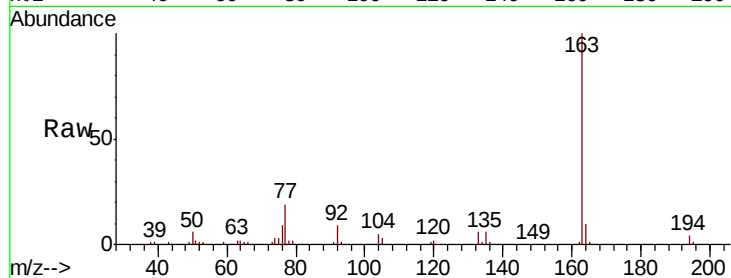
Tot Ion:163 Resp: 64383

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.0 8.4 12.6

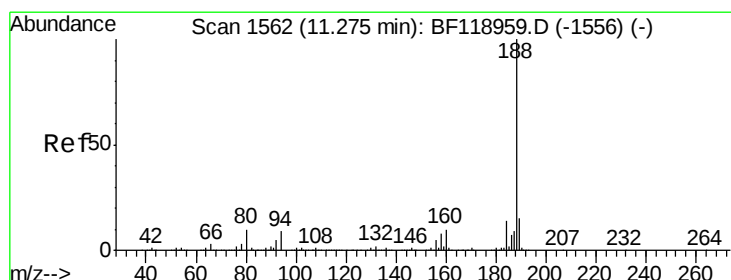
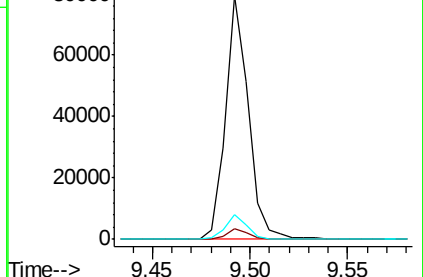
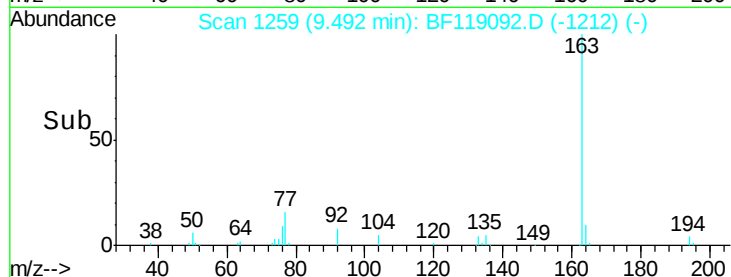


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119092.D

Acq: 26 Feb 2020 13:55

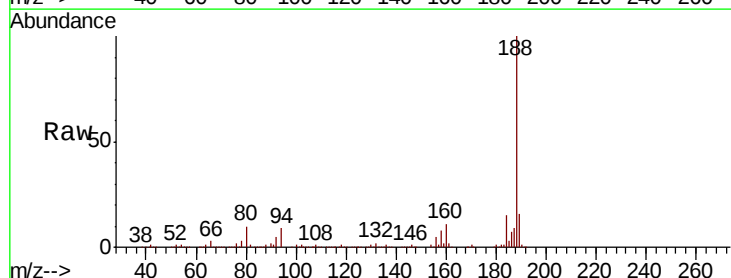
Tgt Ion:188 Resp: 606943

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.8 7.8 11.8

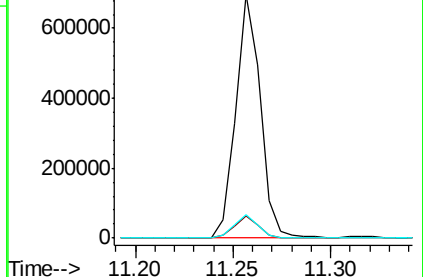
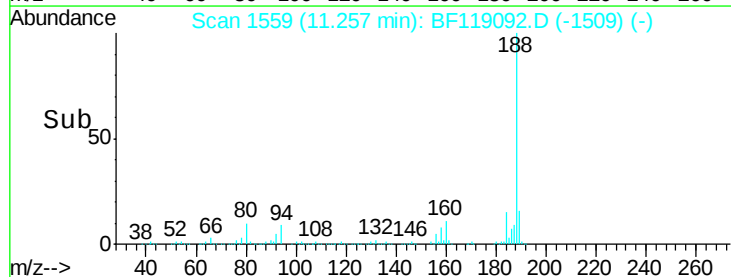


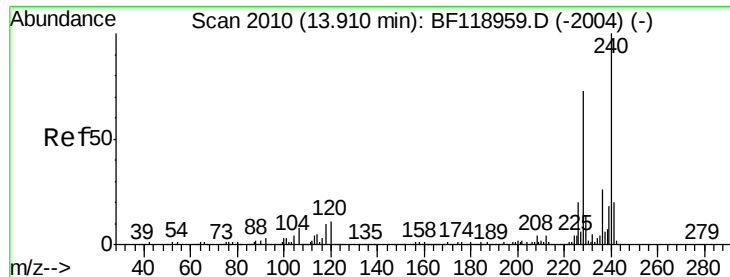
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

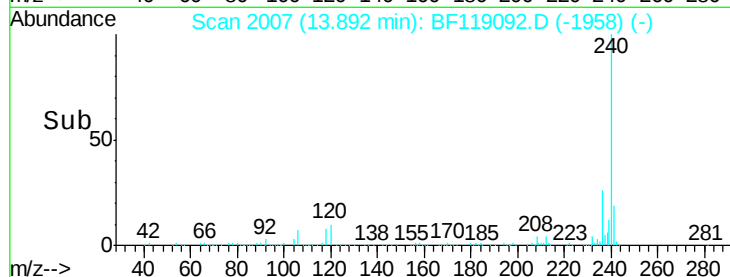
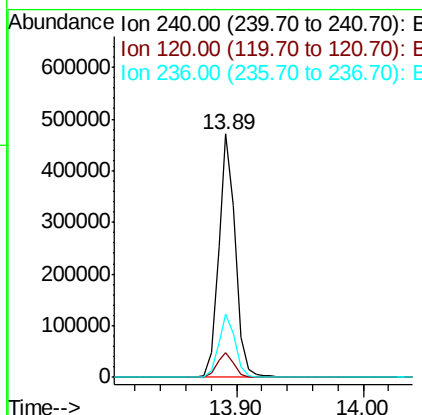
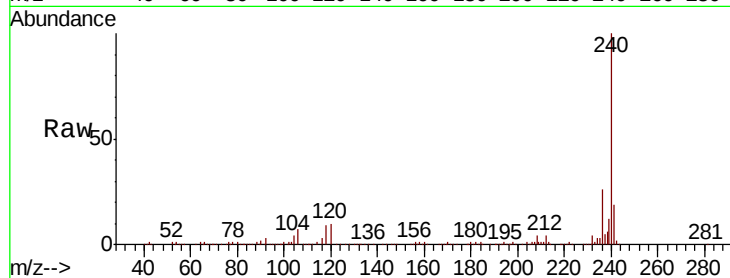




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119092.D
 Acq: 26 Feb 2020 13:55

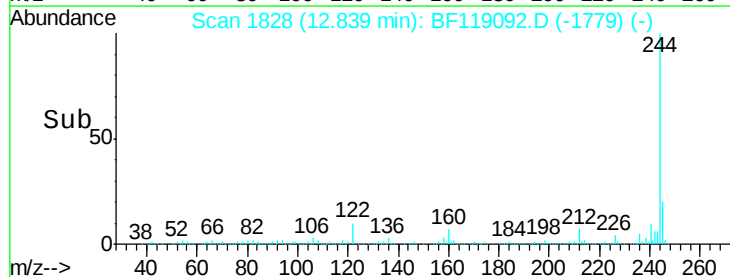
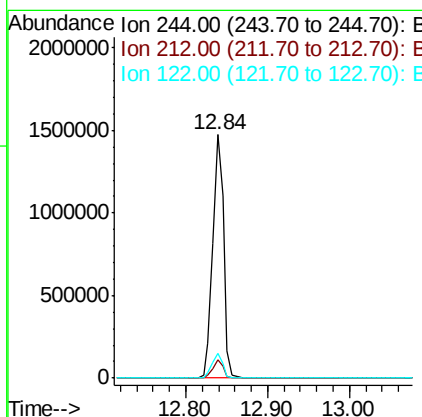
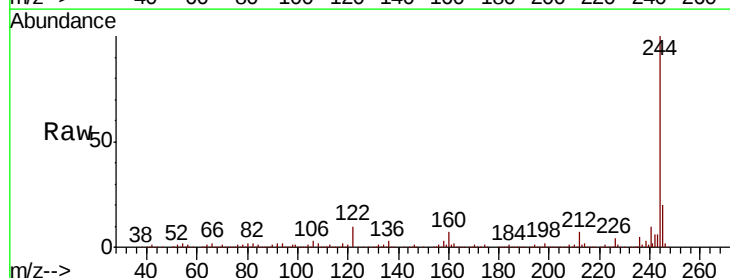
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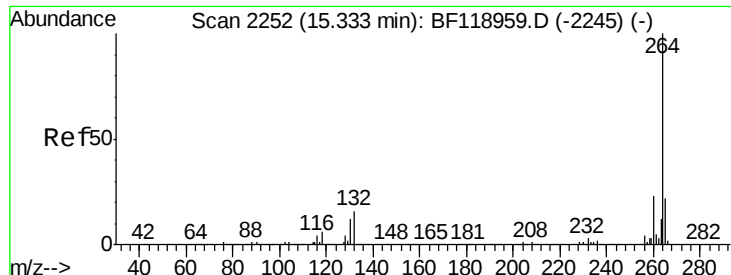
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.8	21.0	31.4



#79
 Terphenyl-d14
 Concen: 54.268 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119092.D
 Acq: 26 Feb 2020 13:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.1	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: BF119092.D
 Acq: 26 Feb 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.7	26.5

