

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120908.D
 Acq On : 17 Jul 2020 2:18
 Operator : JU/CG
 Sample : L3308-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16

Quant Time: Jul 17 05:45:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

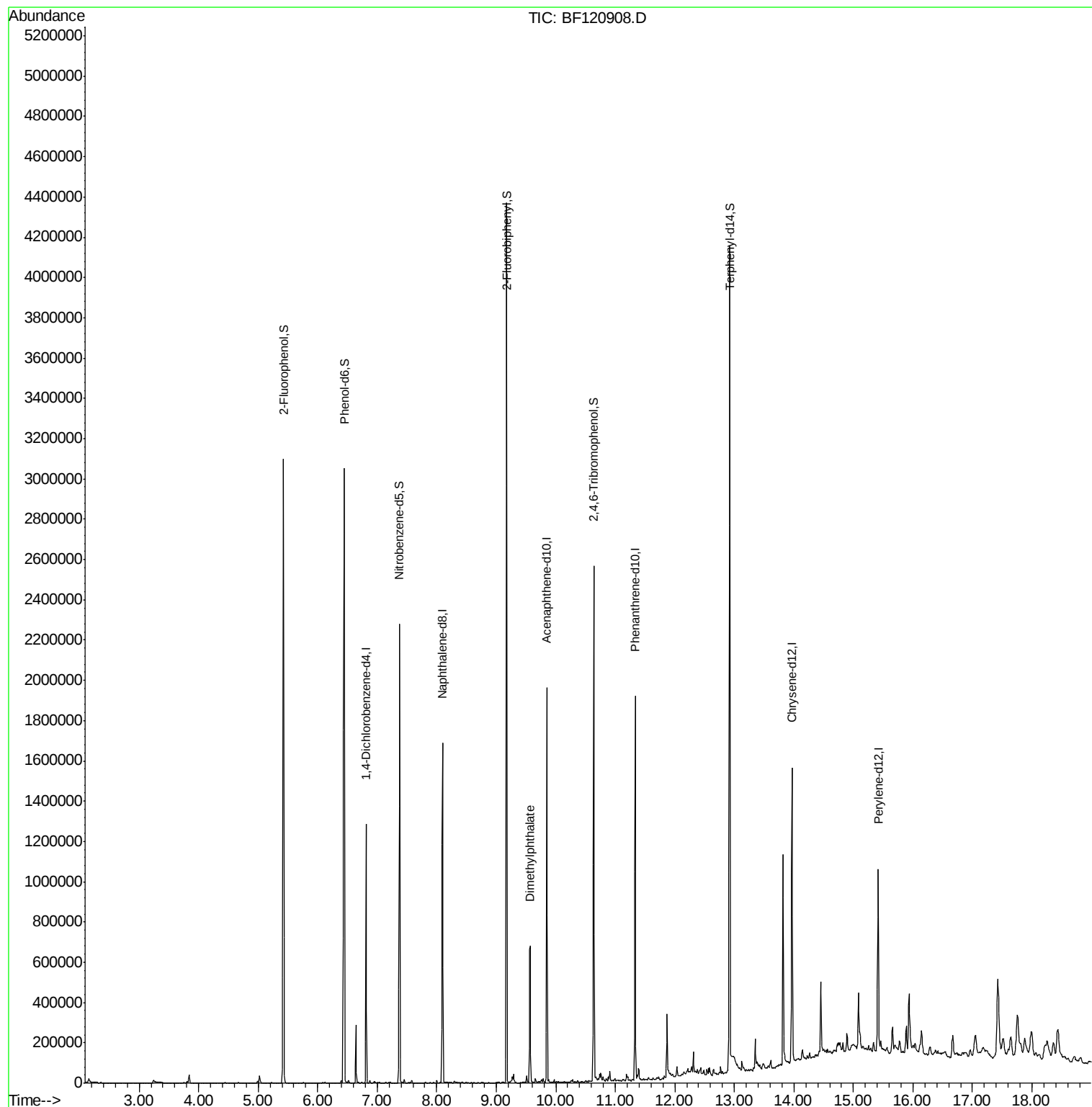
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178730	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	676565	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	356103	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	670035	20.00	ng	0.00
76) Chrysene-d12	13.97	240	456154	20.00	ng	0.00
86) Perylene-d12	15.42	264	407380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	962018	88.24	ng	0.00
7) Phenol-d6	6.45	99	1181835	83.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	716062	61.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	347367	89.12	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1297416	54.40	ng	0.00
79) Terphenyl-d14	12.92	244	1332892	63.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	273999	10.665	ng	Qvalue 99

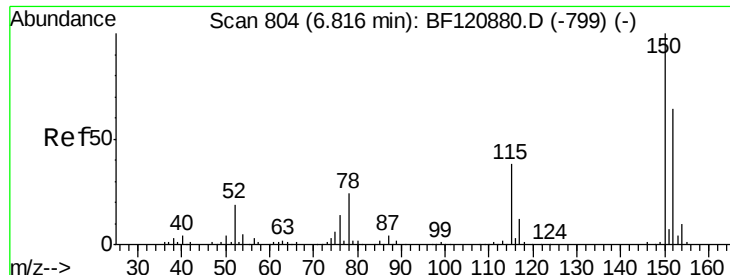
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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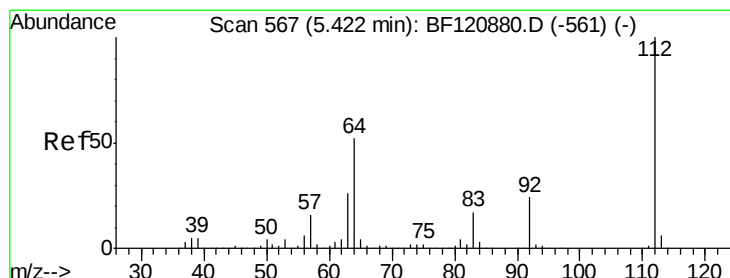
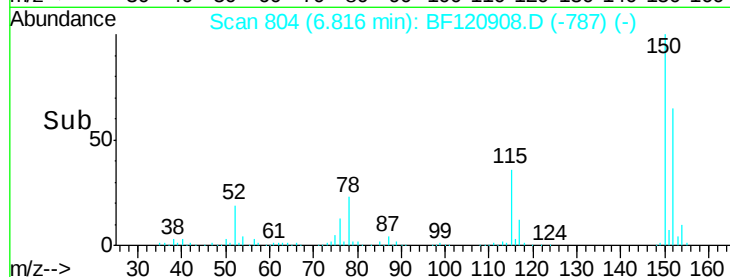
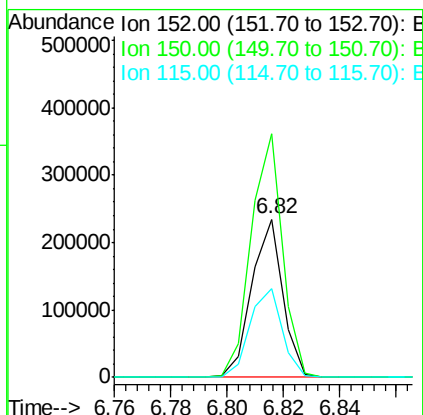
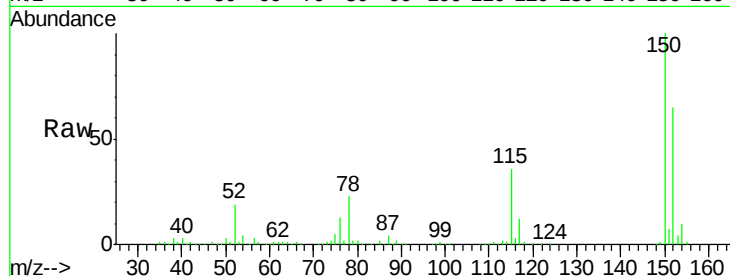


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Instrument :
BNA_F
ClientSampleId :
16

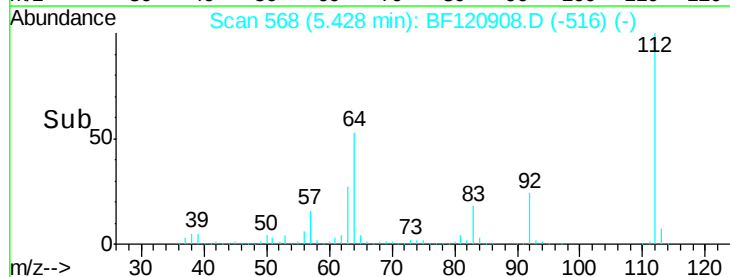
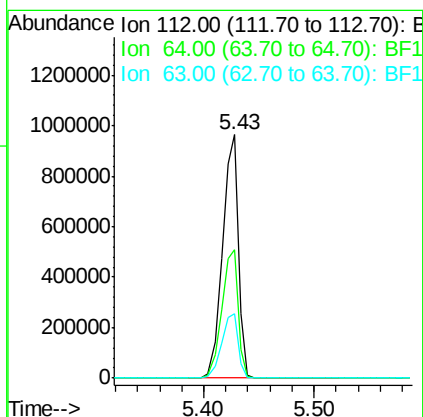
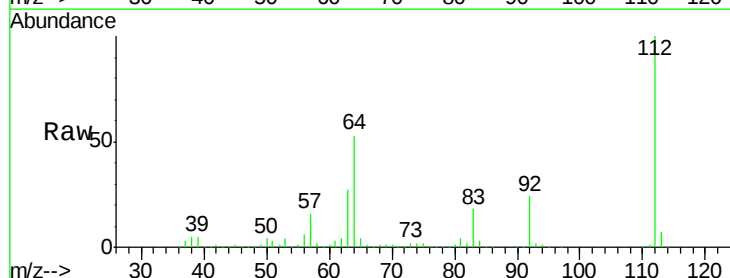
Tot Ion:152 Resp: 178730
Ion Ratio Lower Upper
152 100
150 153.7 125.0 187.6
115 55.8 47.0 70.4

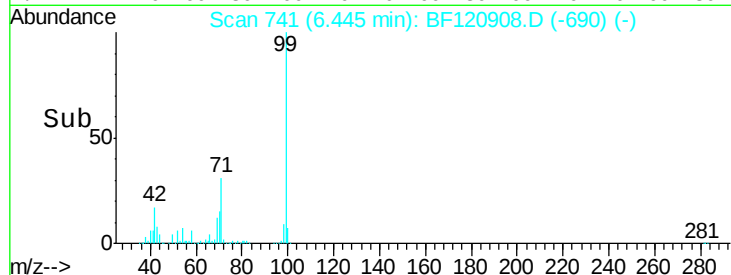
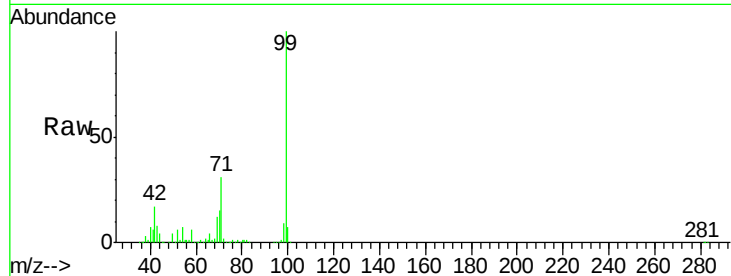


#5

2-Fluorophenol
Concen: 88.239 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Tgt Ion:112 Resp: 962018
Ion Ratio Lower Upper
112 100
64 52.6 41.3 61.9
63 26.7 21.1 31.7





#7

Phenol-d6

Concen: 83.918 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

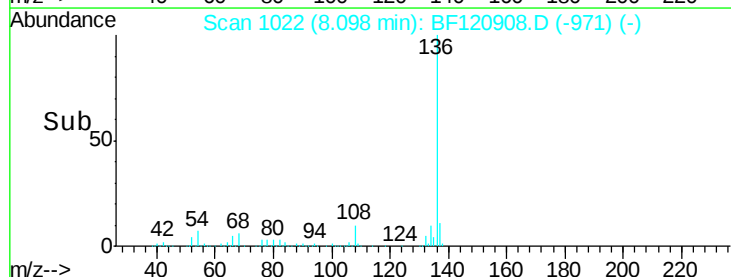
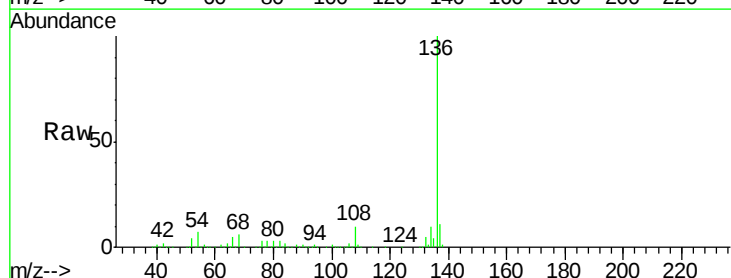
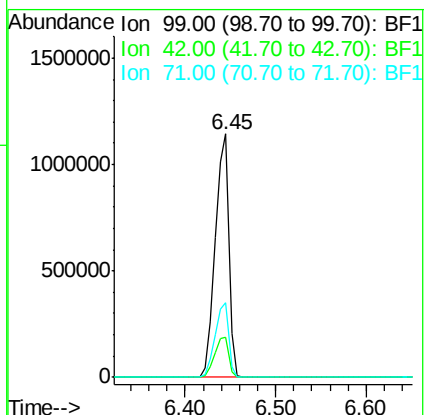
BNA_F

ClientSampleId :

16

Tot Ion: 99 Resp: 1181835

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.1	19.7
71	30.7	24.2	36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

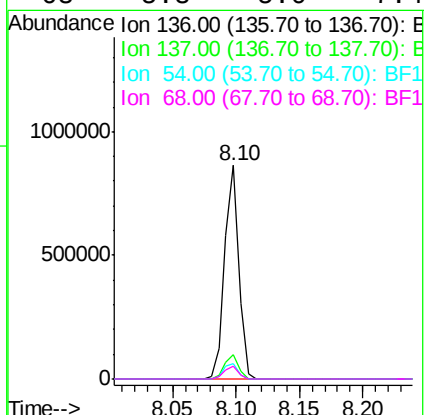
Delta R.T. -0.00 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Tgt Ion: 136 Resp: 676565

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.0	6.3	9.5
68	5.8	5.0	7.4

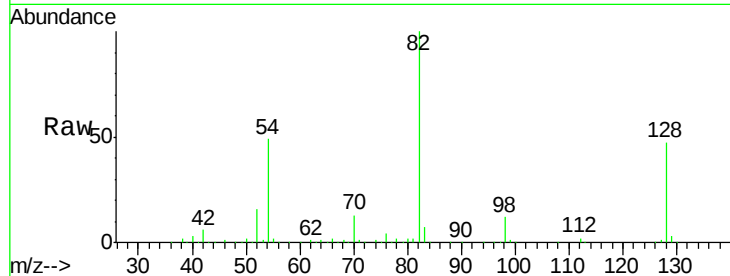




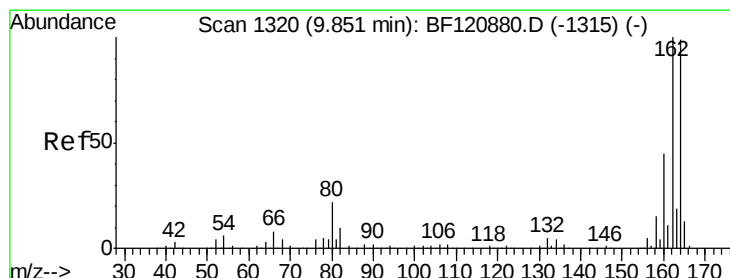
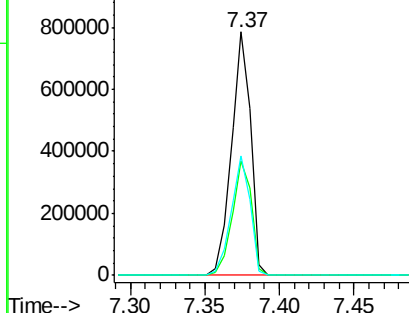
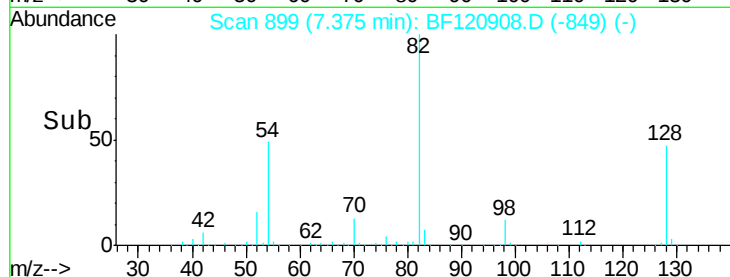
#23
 Nitrobenzene-d5
 Concen: 61.241 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

Instrument :
 BNA_F
 ClientSampled :
 16

Tot Ion	82	Resp	716062
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
128	47.0		
54	49.2		
	38.7		
	58.1		

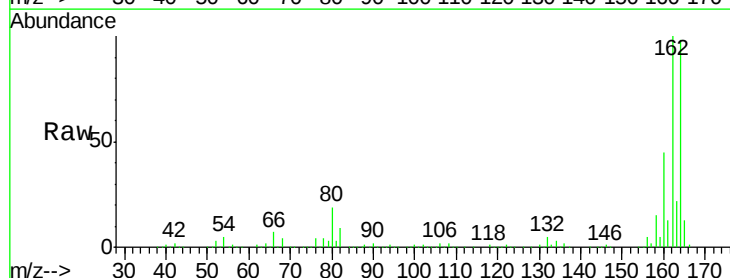


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

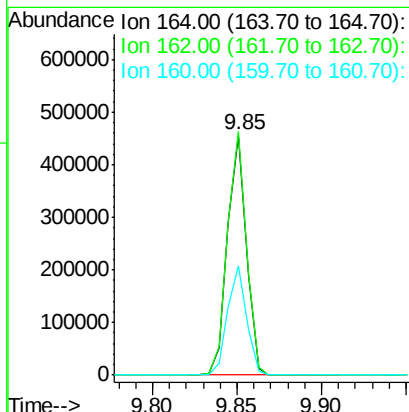
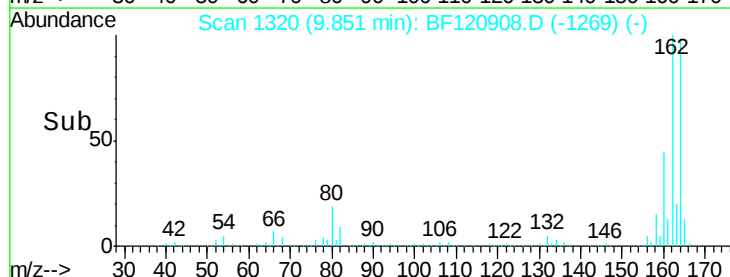


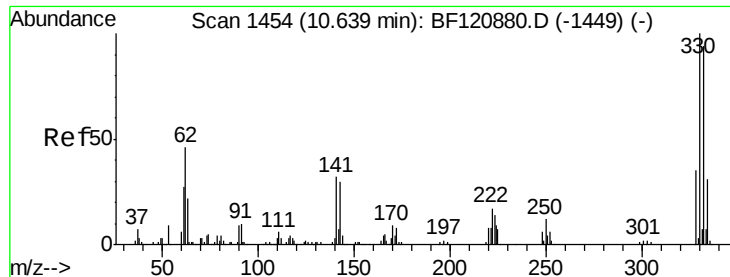
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

Tgt Ion	164	Resp	356103
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	101.5		
160	45.8		
	36.9		
	55.3		



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

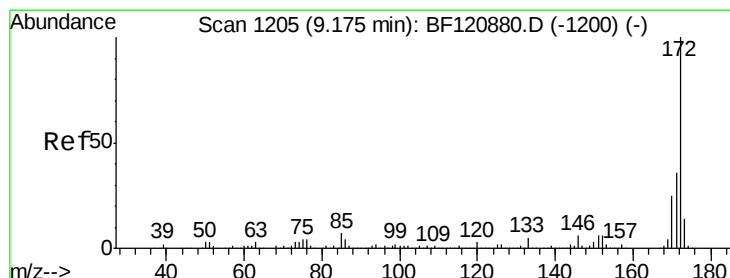
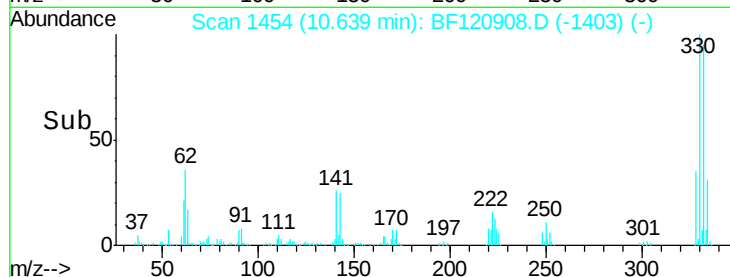
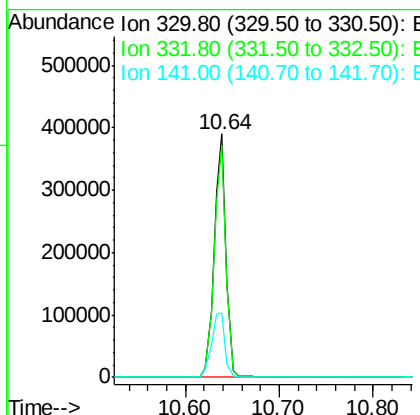
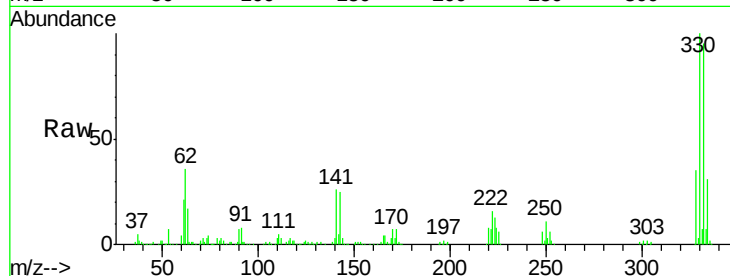




#42
 2,4,6-Tribromophenol
 Concen: 89.116 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

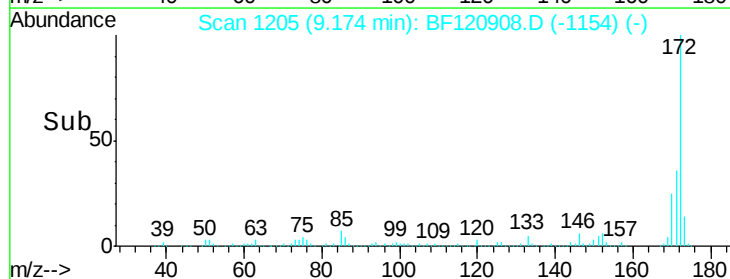
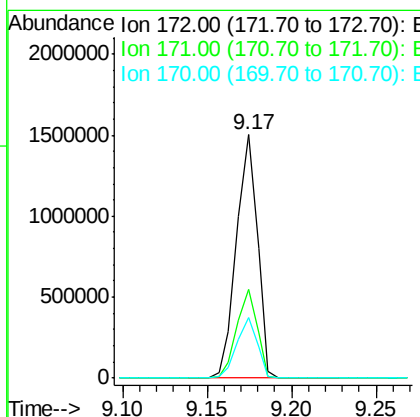
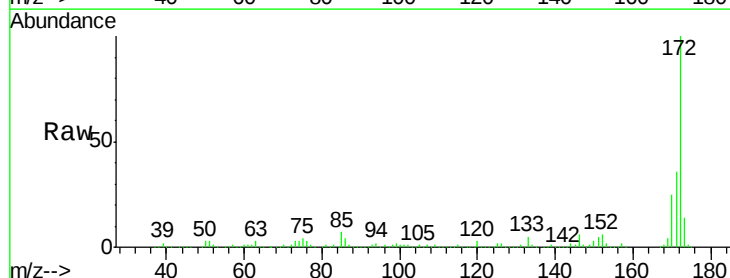
Instrument :
 BNA_F
 ClientSampled :
 16

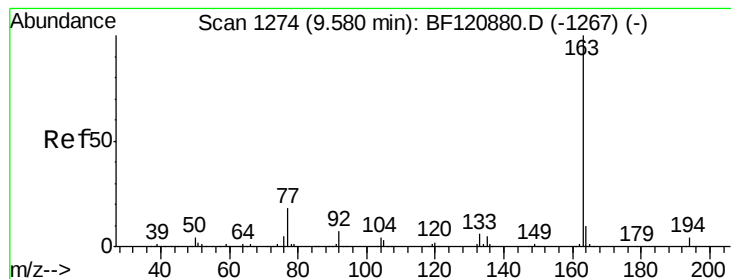
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	29.9	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 54.397 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.8	19.6	29.4





#50

Dimethylphthalate

Concen: 10.665 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

BNA_F

ClientSampleId :

16

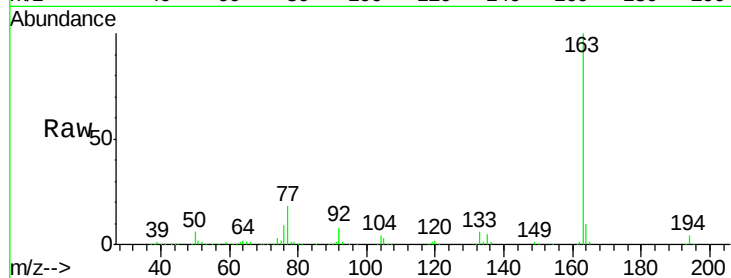
Tot Ion:163 Resp: 273999

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

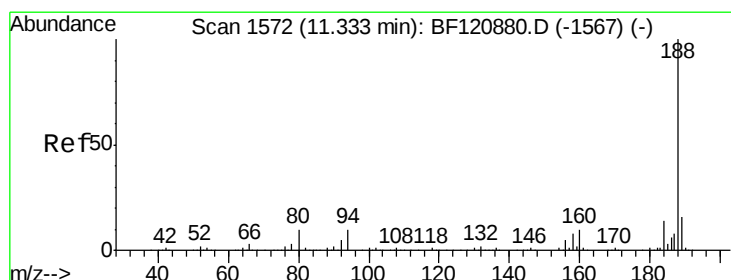
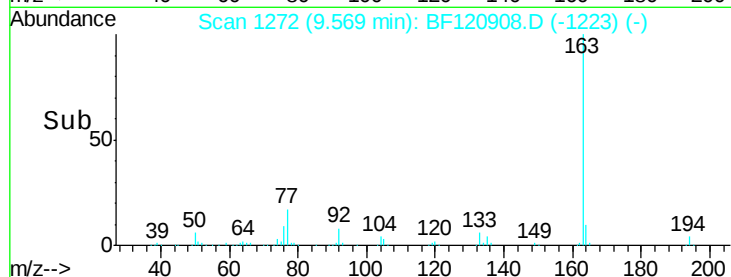
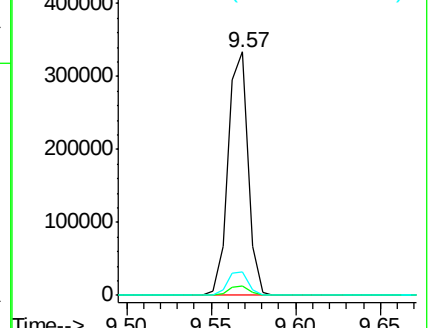
164 9.7 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

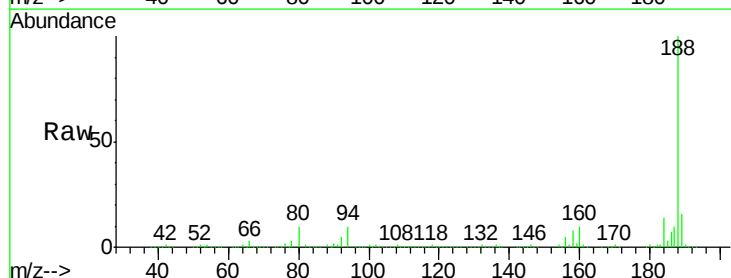
Tgt Ion:188 Resp: 670035

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

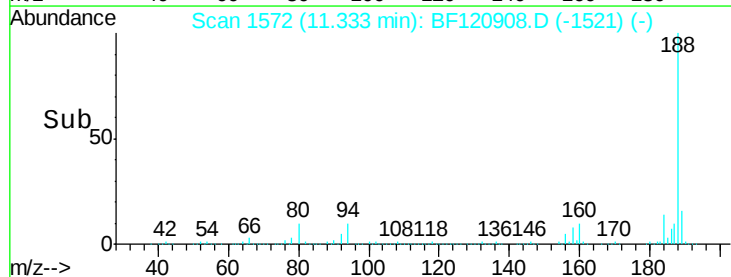
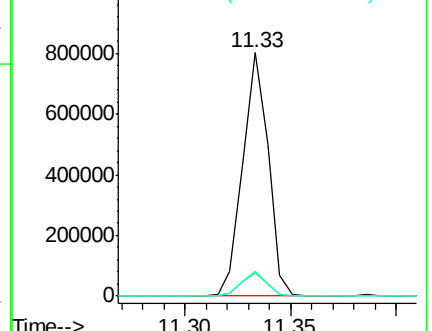
80 10.1 8.3 12.5

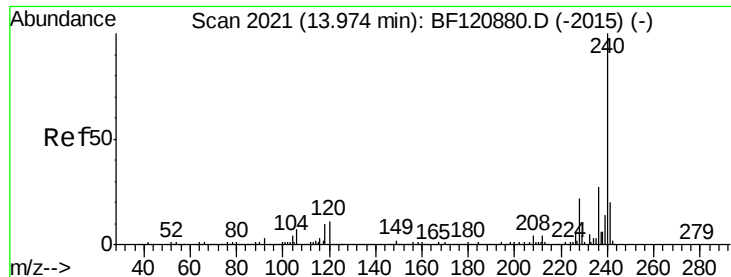


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

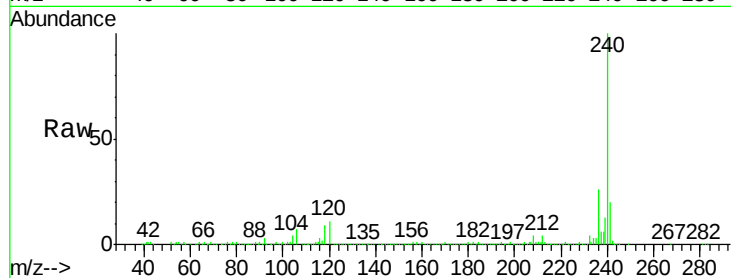




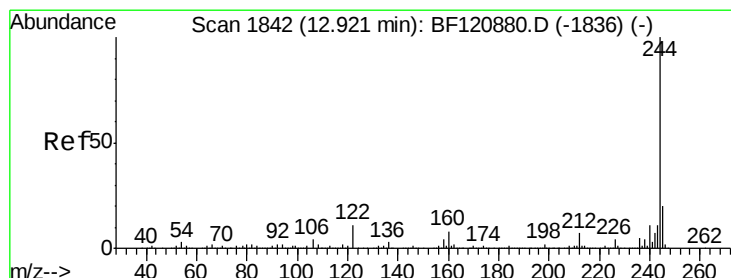
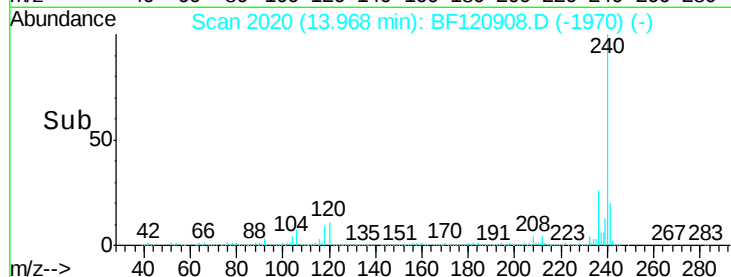
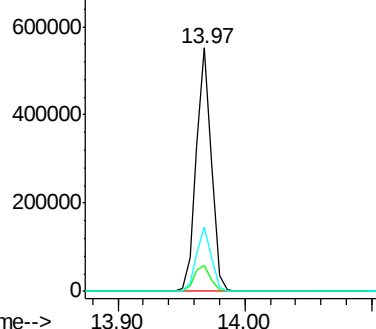
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:240 Resp: 456154
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.4 21.7 32.5

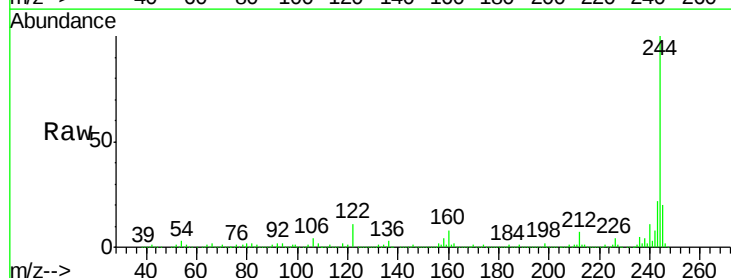


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

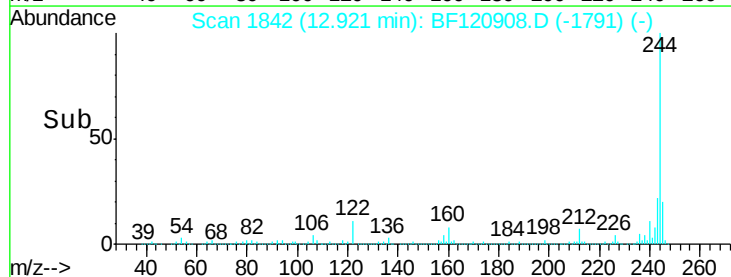
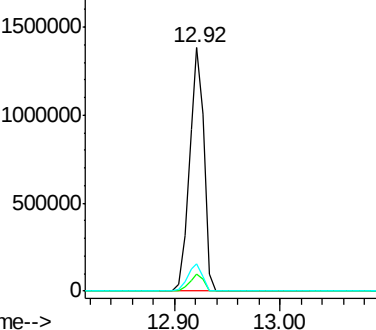


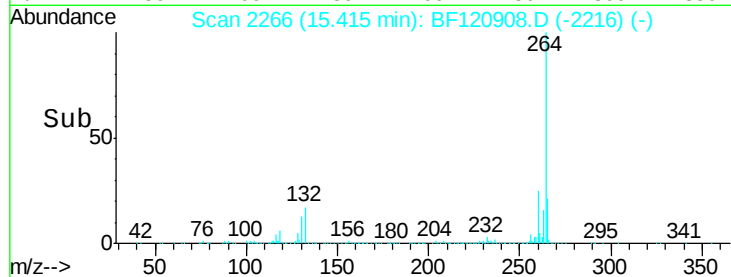
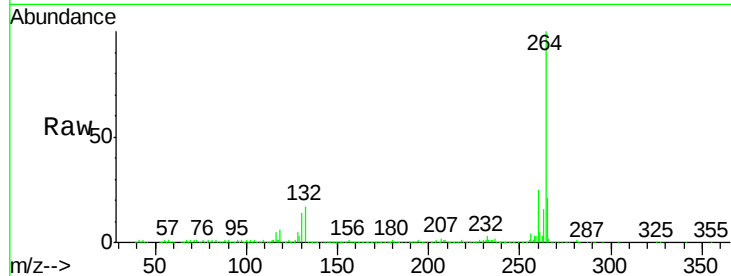
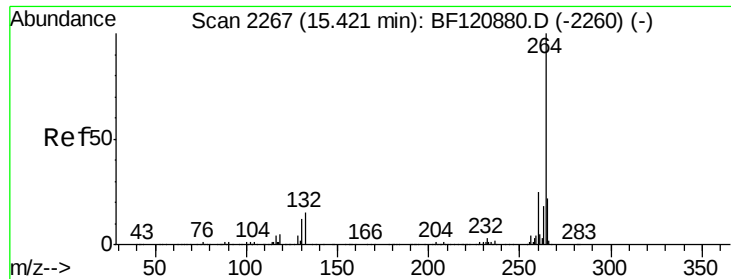
#79
Terphenyl-d14
Concen: 63.518 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Tgt Ion:244 Resp: 1332892
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.4 8.9 13.3



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





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

Instrument :
 BNA_F
 ClientSampleId :
 16

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.4	17.4	26.2

