

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120916.D
 Acq On : 17 Jul 2020 12:02
 Operator : JU/CG
 Sample : L3308-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22

Quant Time: Jul 17 12:50:29 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

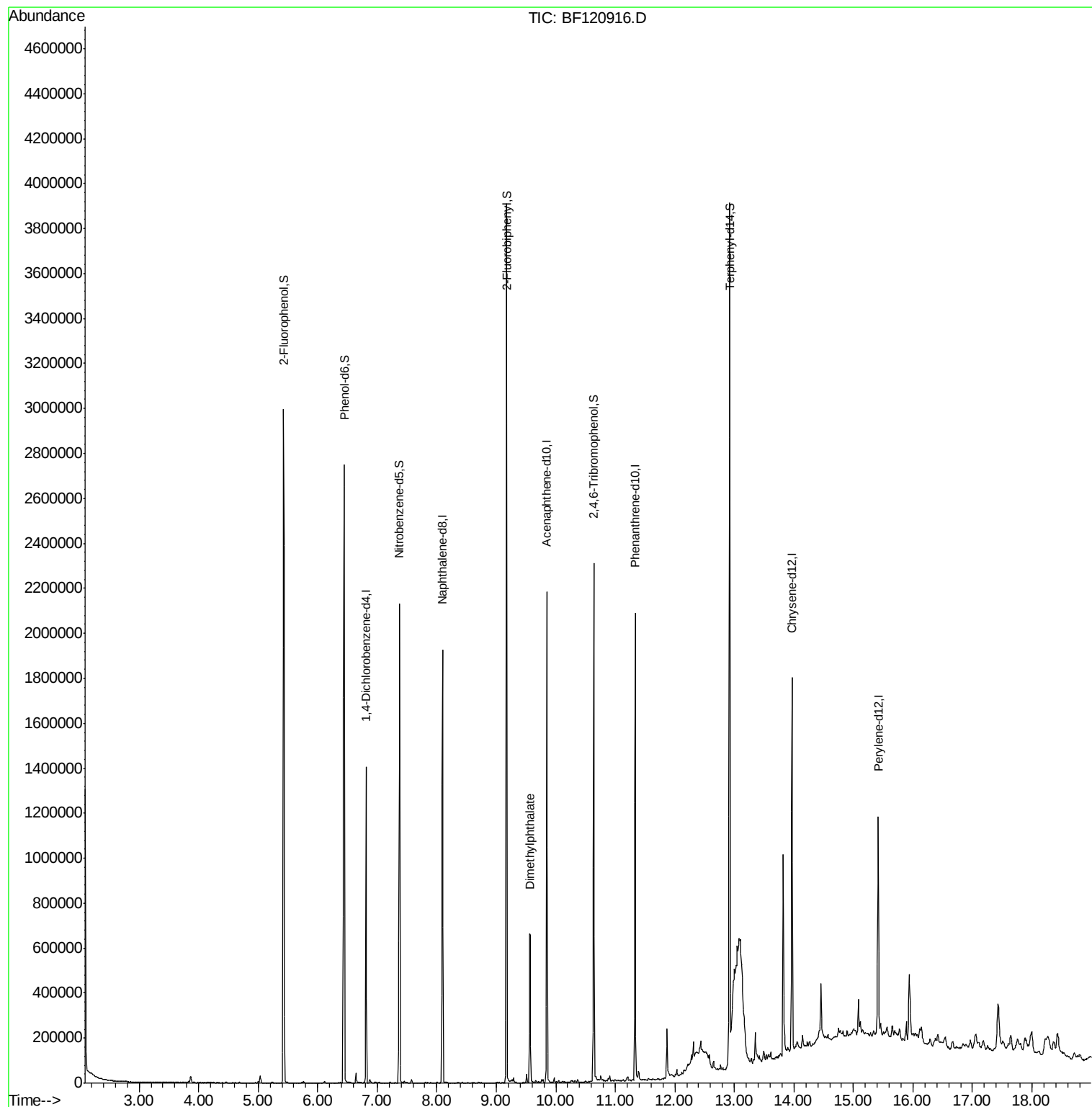
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	210348	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	796387	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	410107	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	769043	20.00	ng	0.00
76) Chrysene-d12	13.97	240	524924	20.00	ng	0.00
86) Perylene-d12	15.42	264	459807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	928263	72.34	ng	0.00
7) Phenol-d6	6.45	99	1128959	68.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	688156	50.00	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	317729	70.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1220911	44.45	ng	0.00
79) Terphenyl-d14	12.92	244	1239104	51.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	289737	9.793	ng	Qvalue 99

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

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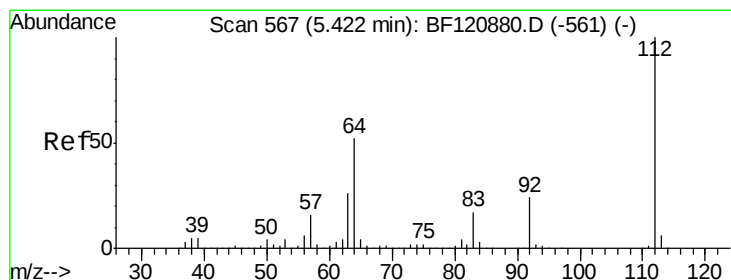
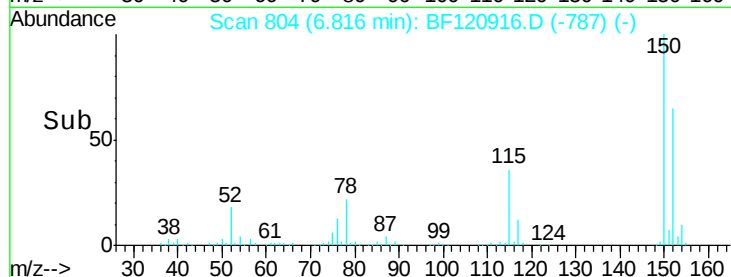
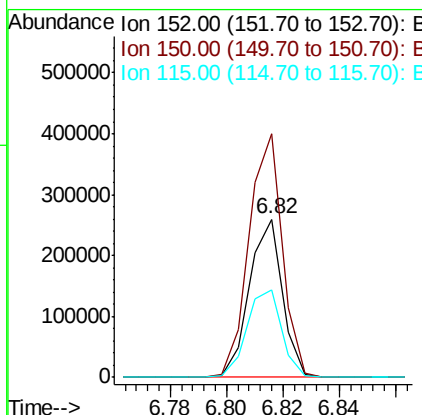
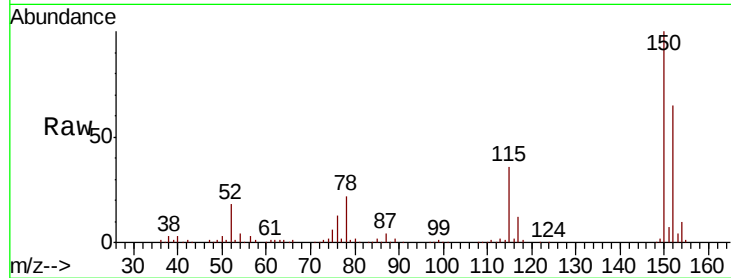


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Instrument :
BNA_F
ClientSampleId :
22

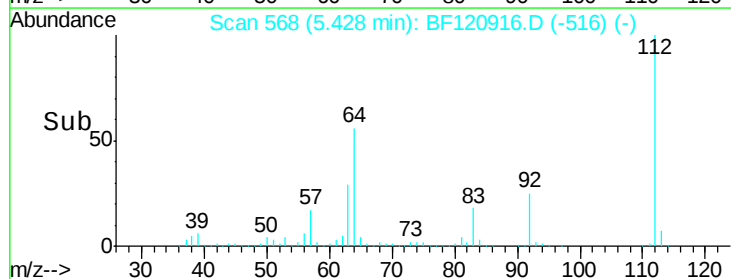
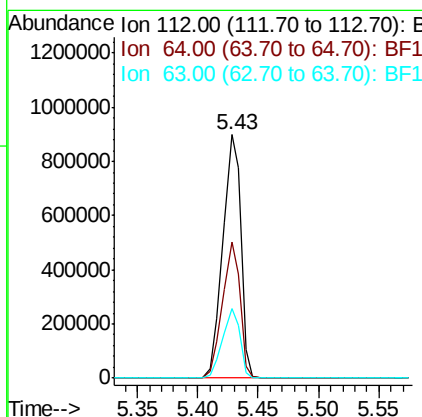
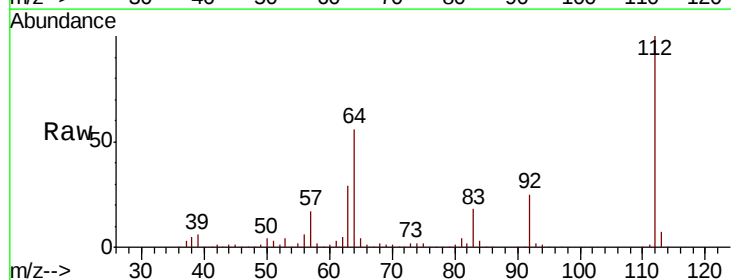
Tot Ion:152 Resp: 210348
Ion Ratio Lower Upper
152 100
150 153.6 125.0 187.6
115 55.5 47.0 70.4



#5

2-Fluorophenol
Concen: 72.345 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Tgt Ion:112 Resp: 928263
Ion Ratio Lower Upper
112 100
64 55.9 41.3 61.9
63 28.7 21.1 31.7





#7

Phenol-d6

Concen: 68.114 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampled :

22

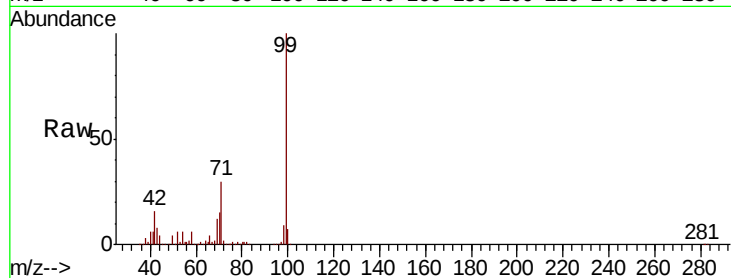
Tot Ion: 99 Resp: 1128959

Ion Ratio Lower Upper

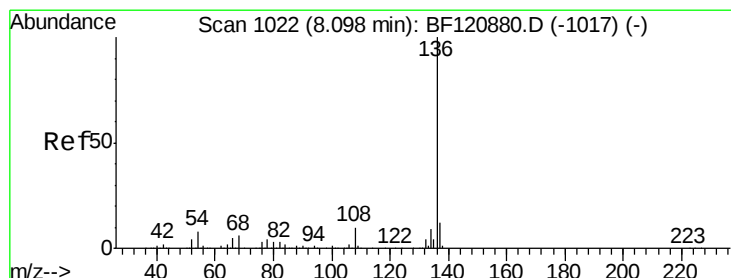
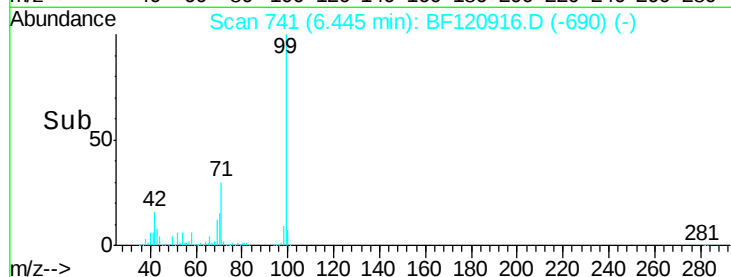
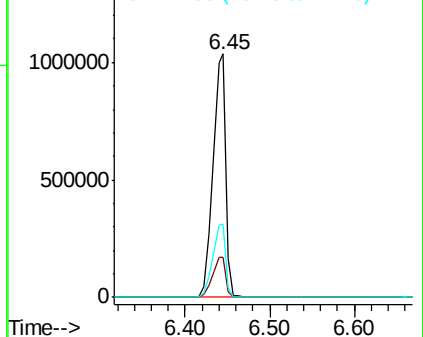
99 100

42 16.3 13.1 19.7

71 30.1 24.2 36.4



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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Tgt Ion: 136 Resp: 796387

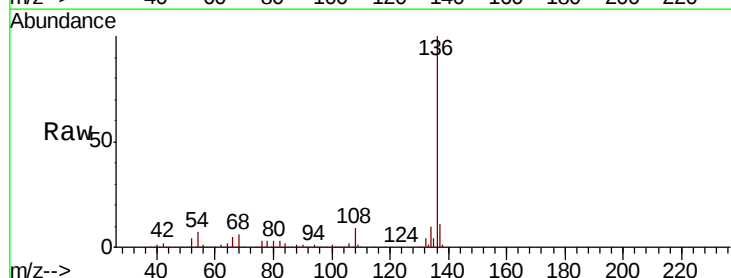
Ion Ratio Lower Upper

136 100

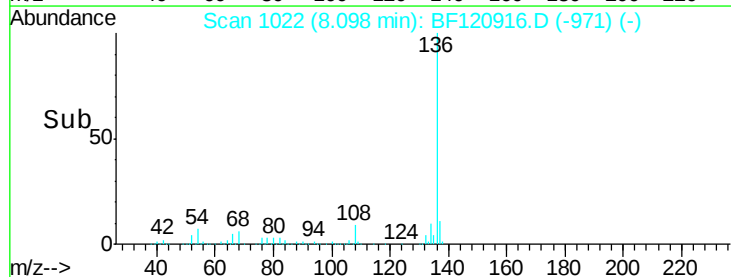
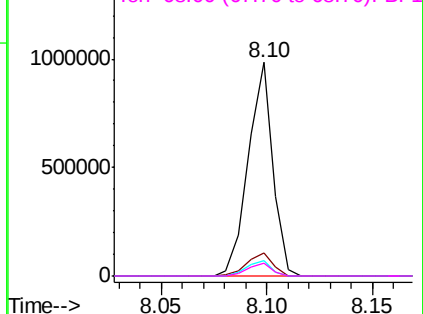
137 11.1 9.3 13.9

54 7.1 6.3 9.5

68 5.8 5.0 7.4



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

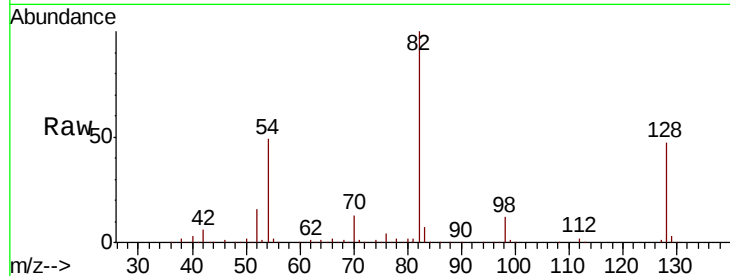




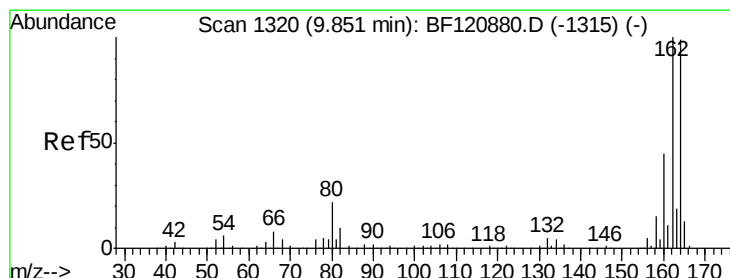
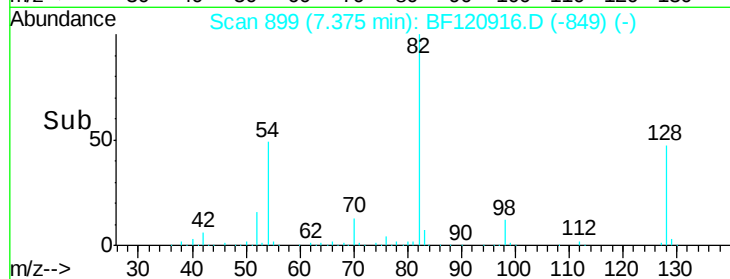
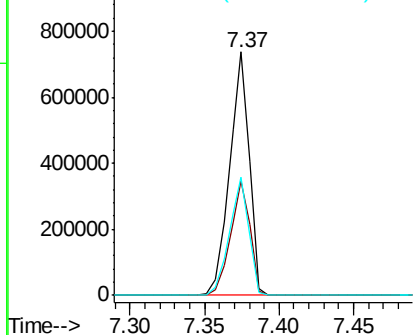
#23
 Nitrobenzene-d5
 Concen: 49.999 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120916.D
 Acq: 17 Jul 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 22

Tot Ion	82	Resp	688156
Ion Ratio	100	Lower	Upper
128	46.9	38.2	57.4
54	48.6	38.7	58.1

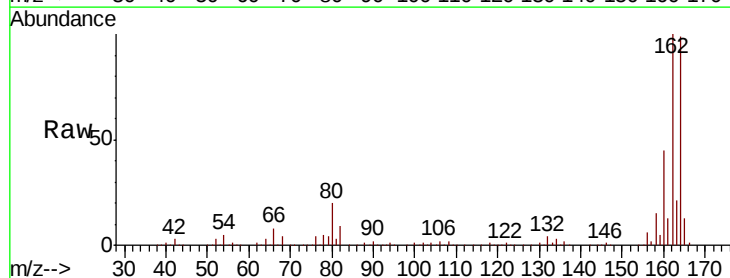


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

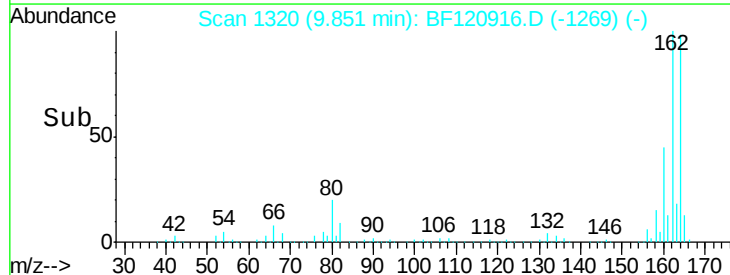
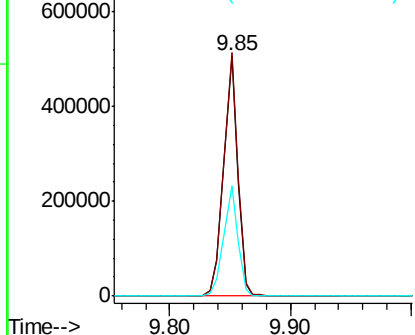


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120916.D
 Acq: 17 Jul 2020 12:02

Tgt Ion	164	Resp	410107
Ion Ratio	100	Lower	Upper
162	101.5	81.2	121.8
160	46.2	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: 70.779 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampled :

22

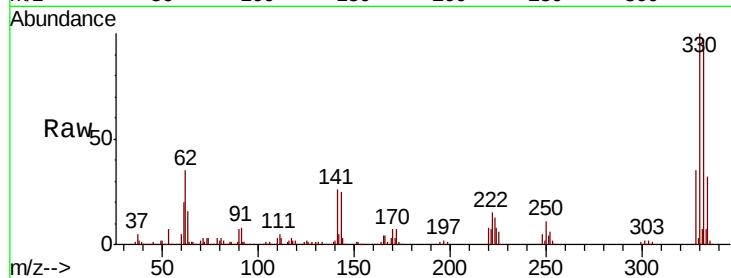
Tot Ion:330 Resp: 317729

Ion Ratio Lower Upper

330 100

332 95.8 75.5 113.3

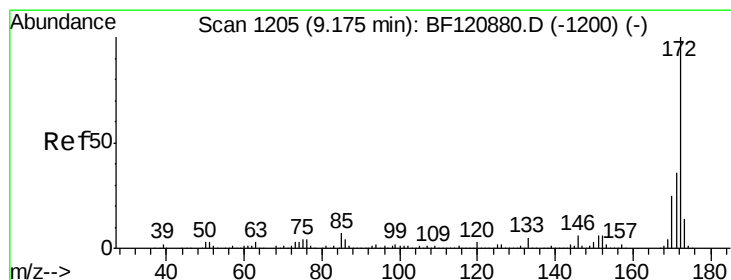
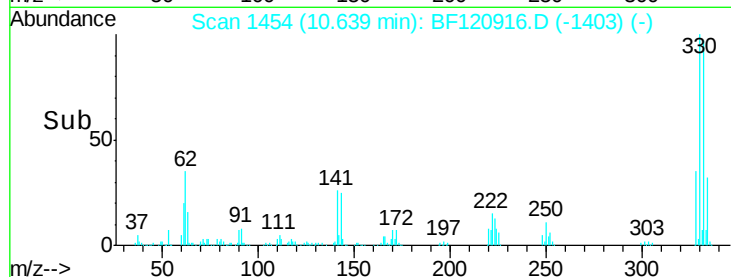
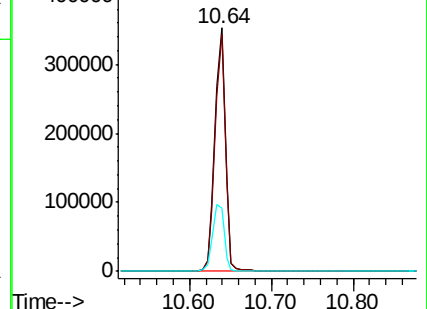
141 30.4 25.7 38.5



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: 44.449 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

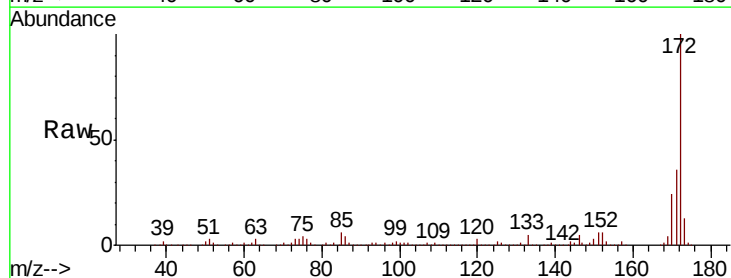
Tgt Ion:172 Resp: 1220911

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

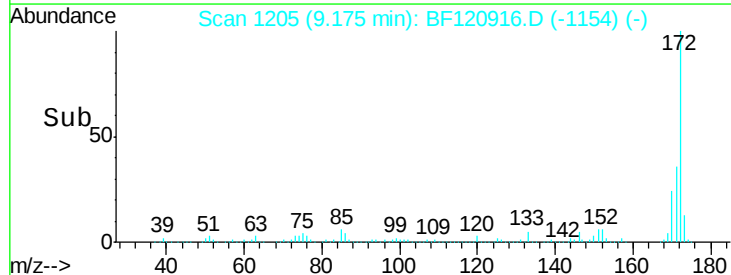
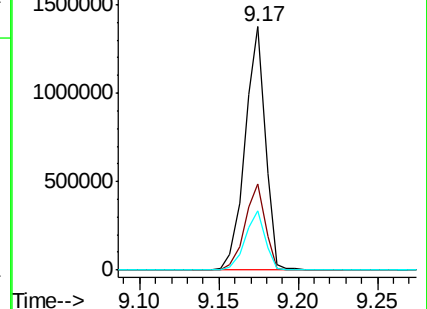
170 24.4 19.6 29.4

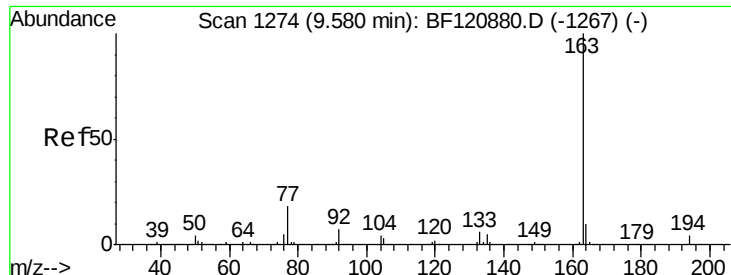


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

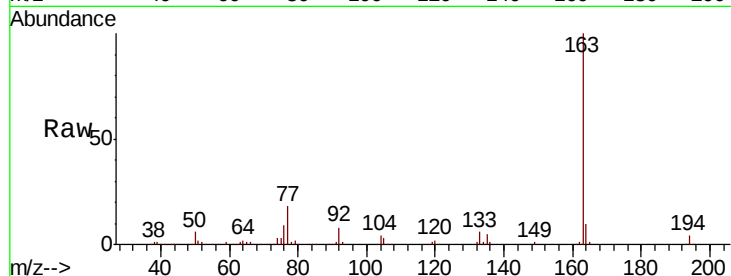




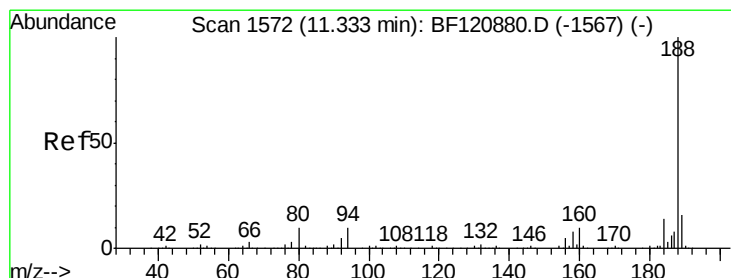
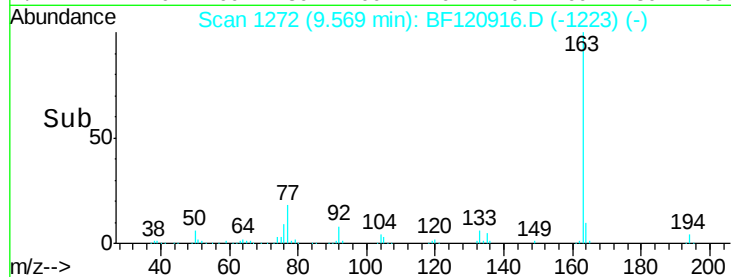
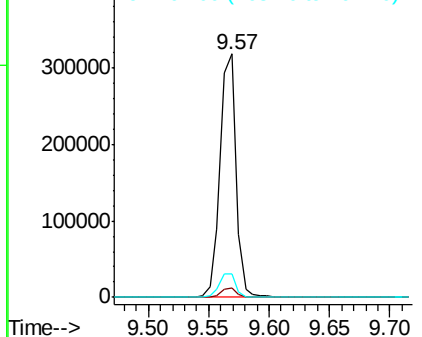
#50
Dimethylphthalate
Concen: 9.793 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Instrument :
BNA_F
ClientSampleId :
22

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	7.9	11.9

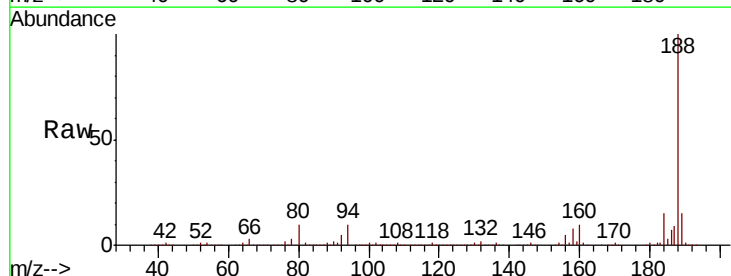


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

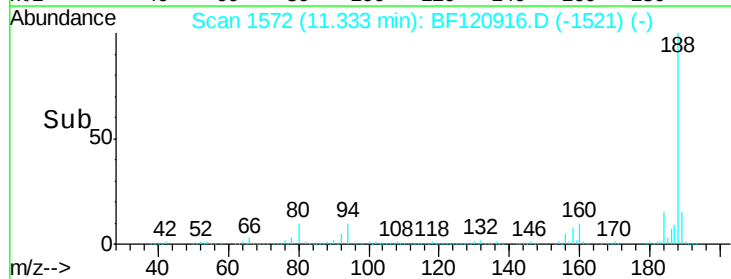
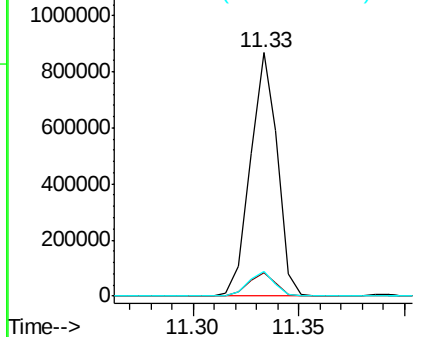


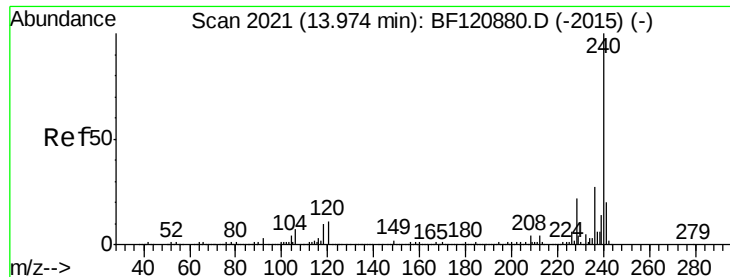
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.2	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: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampleId :

22

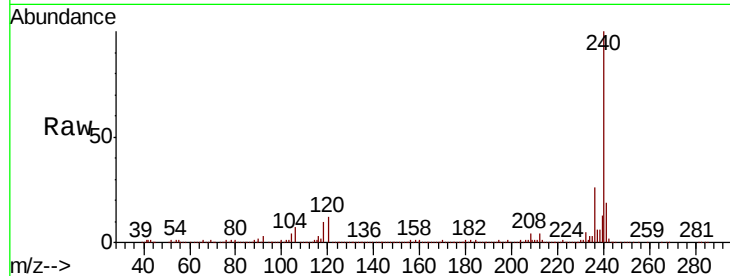
Tot Ion:240 Resp: 524924

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

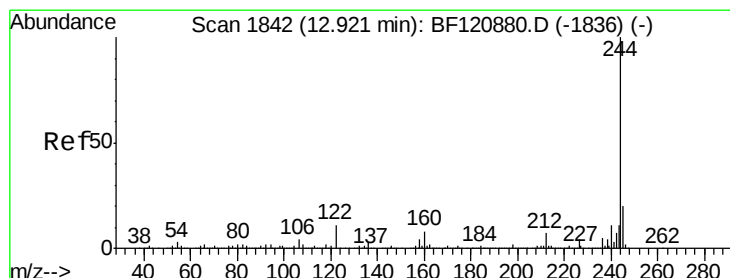
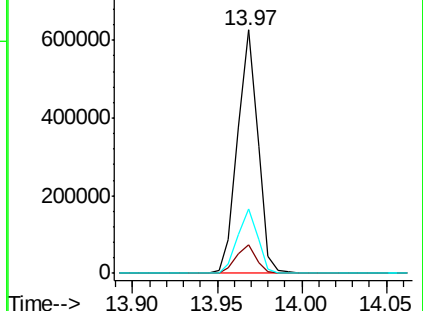
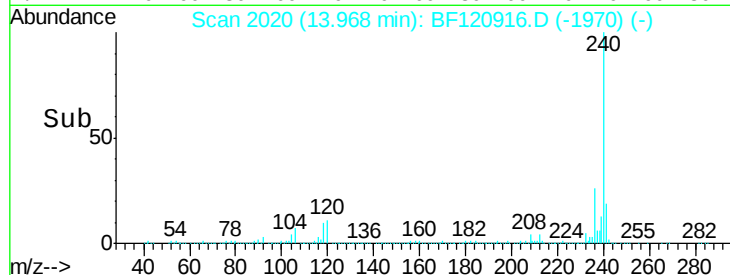
236 26.3 21.7 32.5



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: 51.313 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

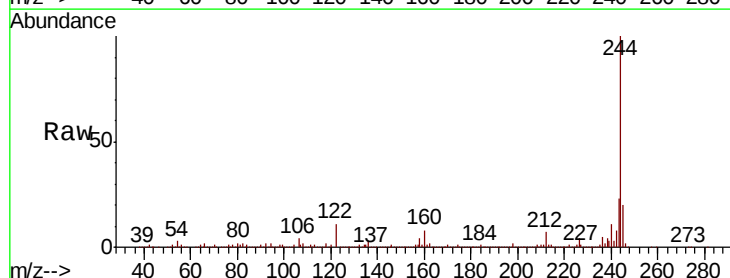
Tgt Ion:244 Resp: 1239104

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

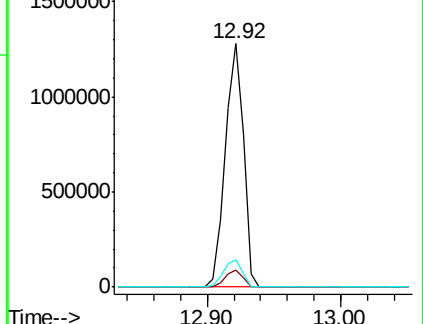
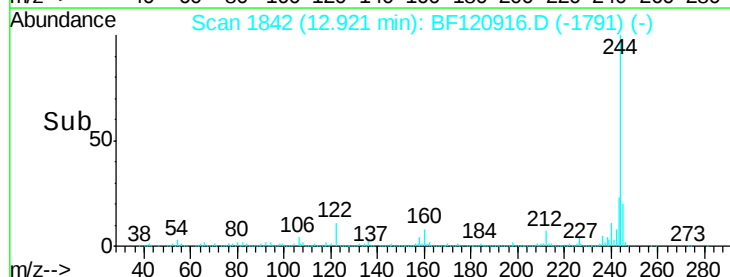
122 11.2 8.9 13.3

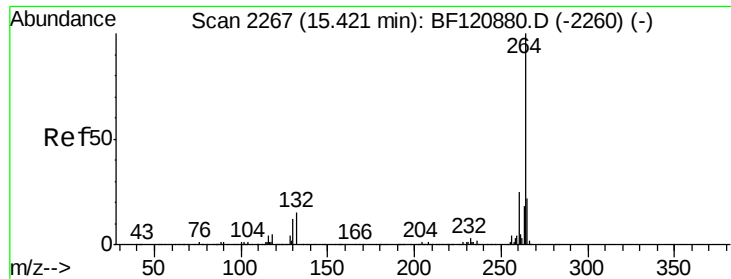


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120916.D
Acq: 17 Jul 2020 12:02

Instrument :
BNA_F
ClientSampleId :
22

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.6	20.0	30.0	
265	21.6	17.4	26.2	

