

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120920.D
 Acq On : 17 Jul 2020 13:59
 Operator : JU/CG
 Sample : L3335-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Quant Time: Jul 17 14:42:49 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

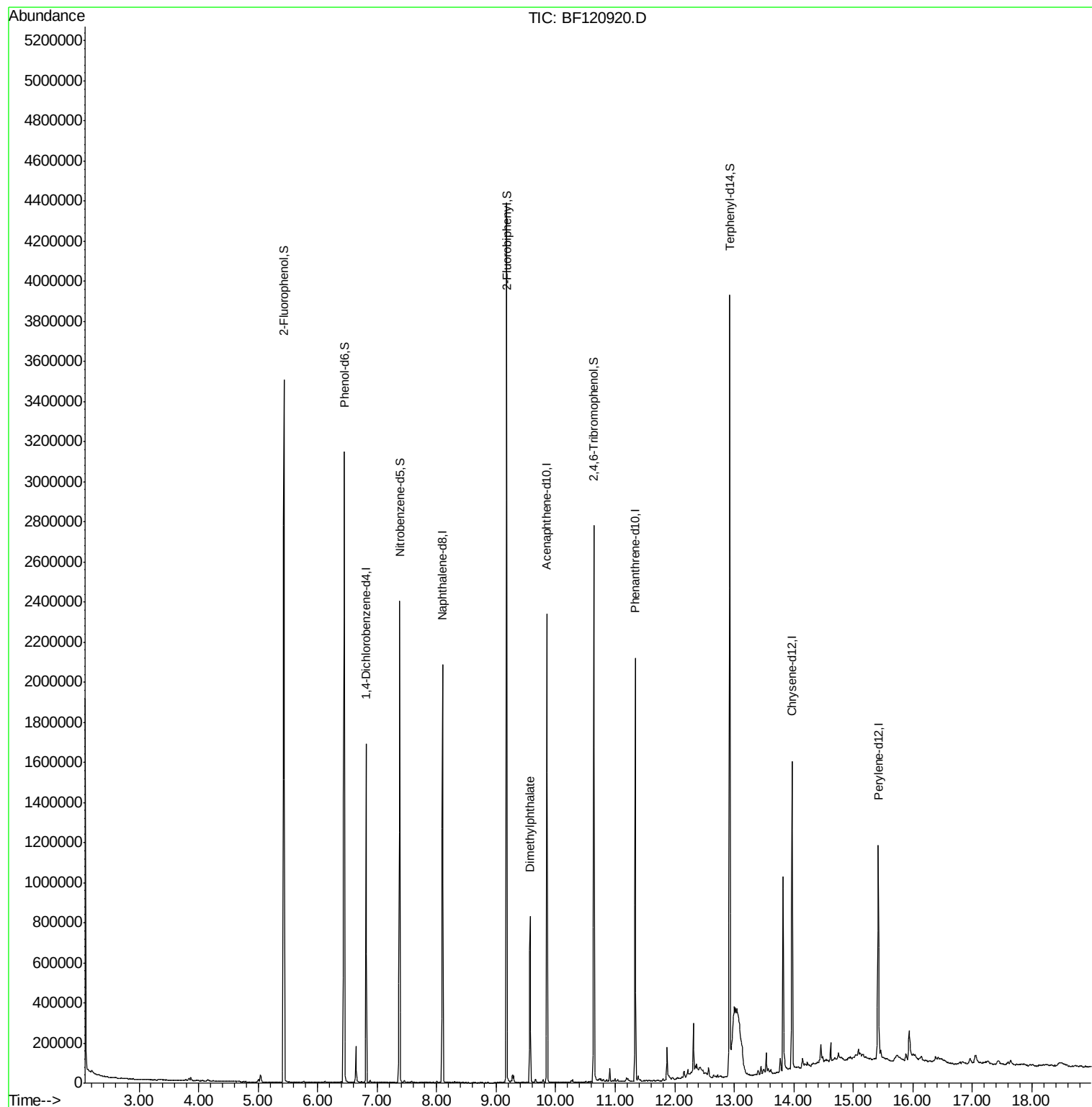
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	227996	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	863003	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	445080	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	825805	20.00	ng	0.00
76) Chrysene-d12	13.97	240	521859	20.00	ng	0.00
86) Perylene-d12	15.42	264	505889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1076371	77.39	ng	0.01
7) Phenol-d6	6.45	99	1336319	74.38	ng	0.00
23) Nitrobenzene-d5	7.38	82	830935	55.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	385594	79.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1474147	49.45	ng	0.00
79) Terphenyl-d14	12.92	244	1400129	58.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	326104	10.156	ng	Qvalue 99

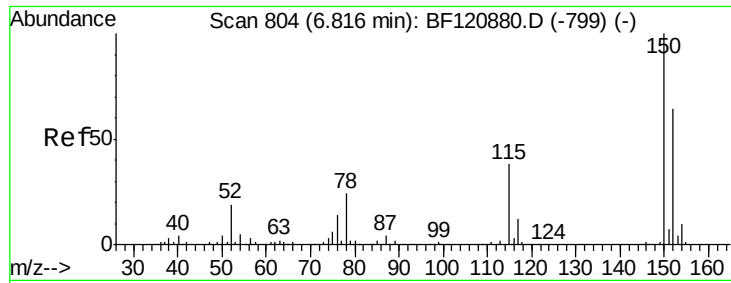
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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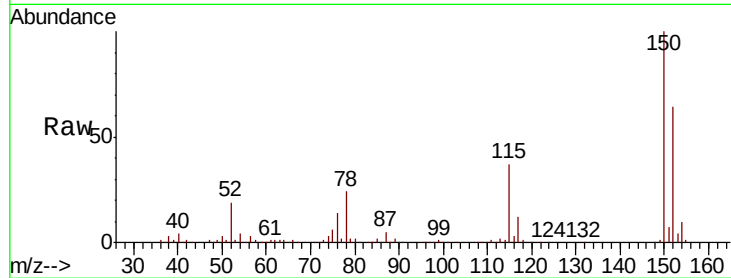


#1

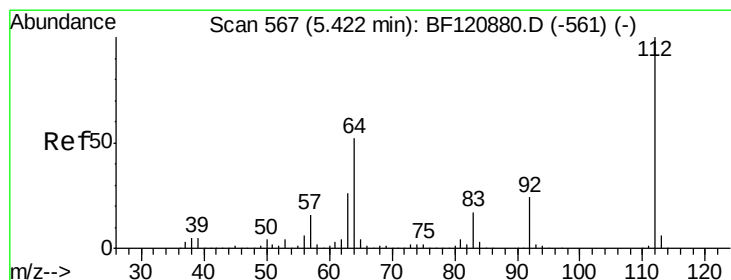
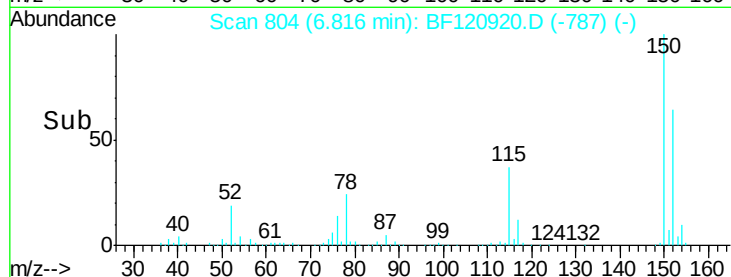
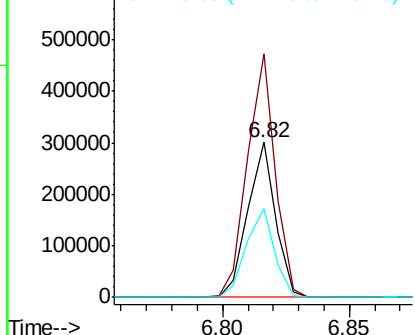
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120920.D
Acq: 17 Jul 2020 13:59

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tot Ion:152 Resp: 227996
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.6
115 57.5 47.0 70.4



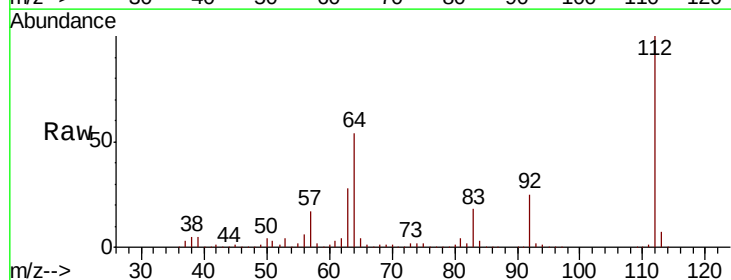
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



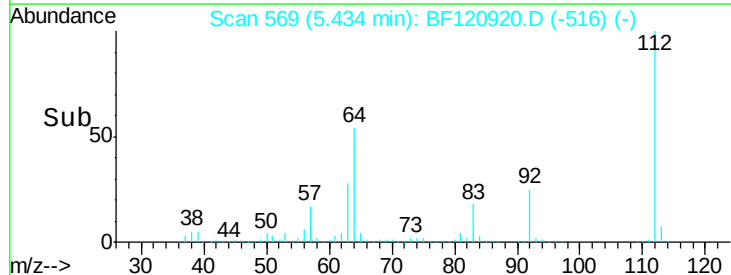
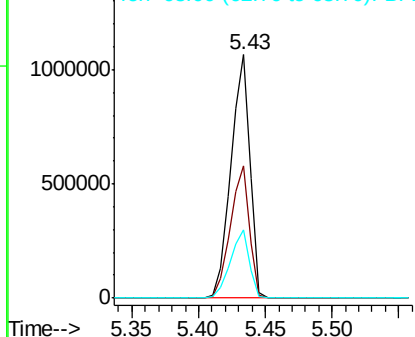
#5

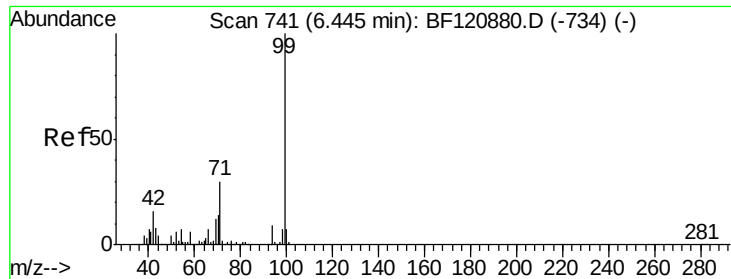
2-Fluorophenol
Concen: 77.394 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120920.D
Acq: 17 Jul 2020 13:59

Tgt Ion:112 Resp: 1076371
Ion Ratio Lower Upper
112 100
64 54.2 41.3 61.9
63 28.1 21.1 31.7



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: 74.384 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120920.D

Acq: 17 Jul 2020 13:59

Instrument :

BNA_F

ClientSampleId :

TP-11-S

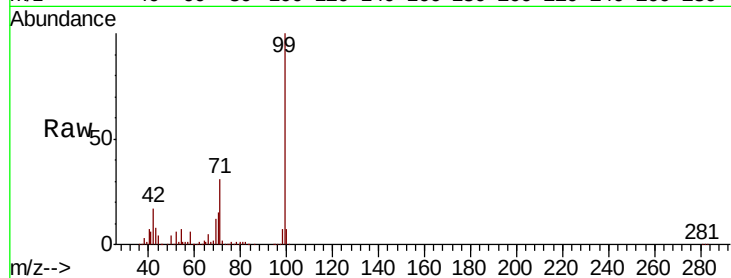
Tot Ion: 99 Resp: 1336319

Ion Ratio Lower Upper

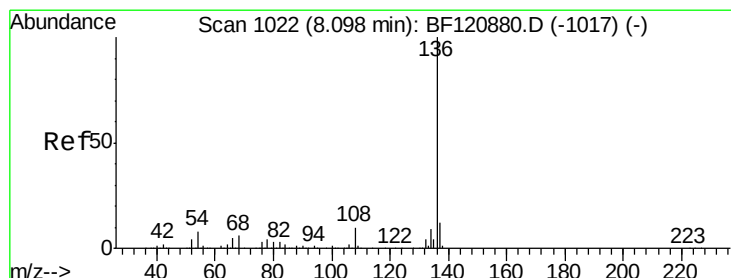
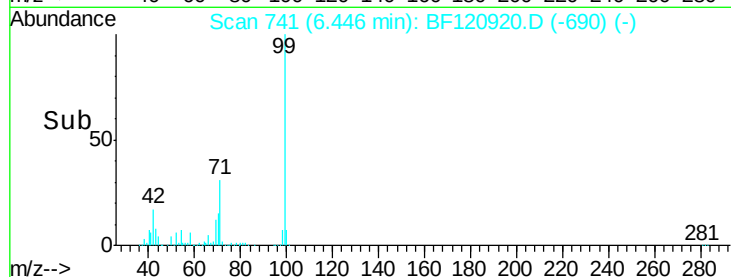
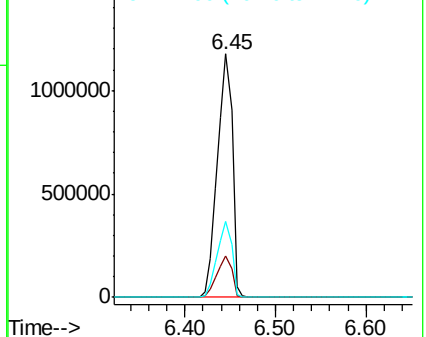
99 100

42 17.1 13.1 19.7

71 31.2 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: BF120920.D

Acq: 17 Jul 2020 13:59

Tgt Ion: 136 Resp: 863003

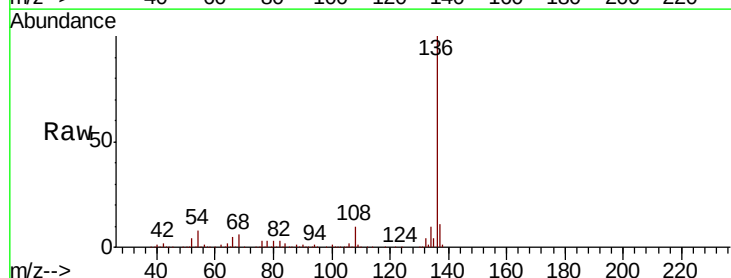
Ion Ratio Lower Upper

136 100

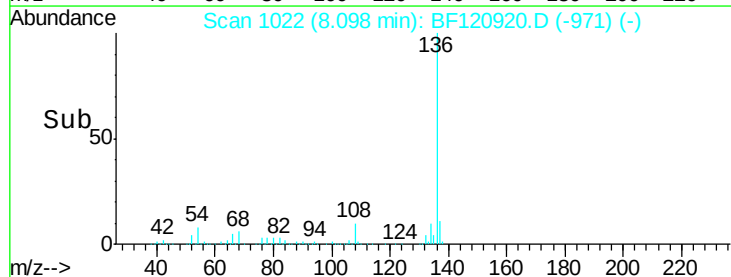
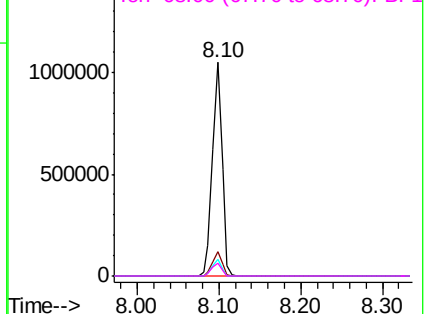
137 11.3 9.3 13.9

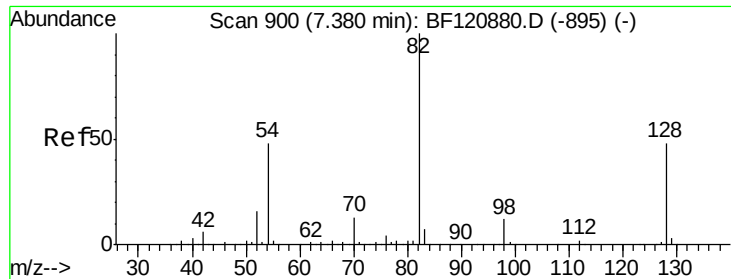
54 7.5 6.3 9.5

68 6.0 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

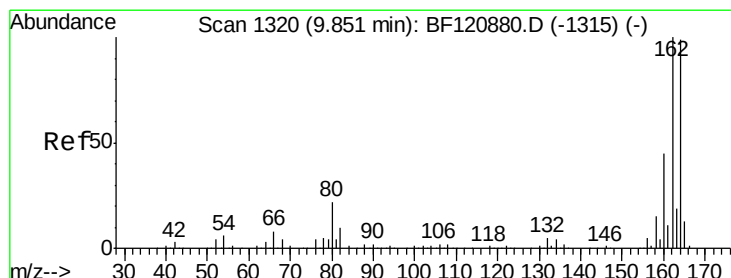
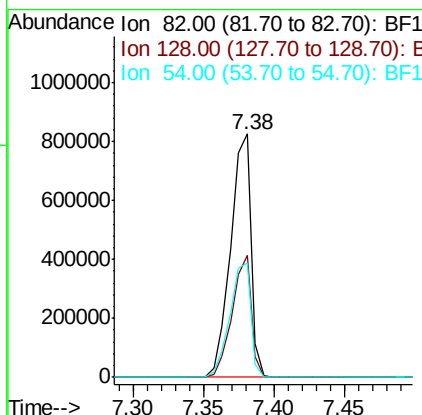
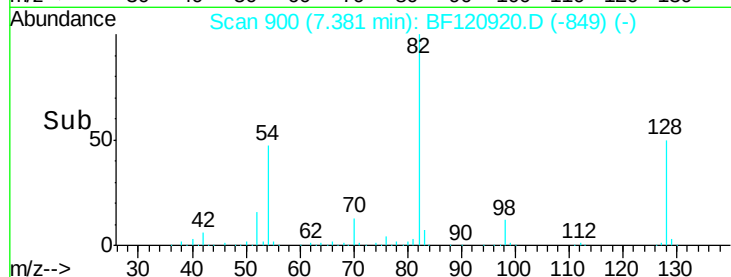
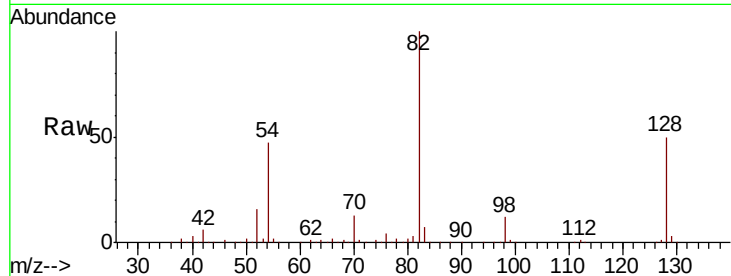




#23
 Nitrobenzene-d5
 Concen: 55.713 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120920.D
 Acq: 17 Jul 2020 13:59

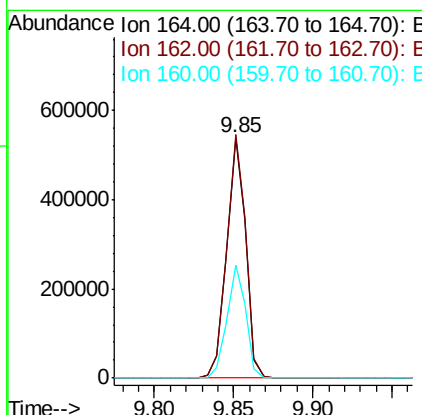
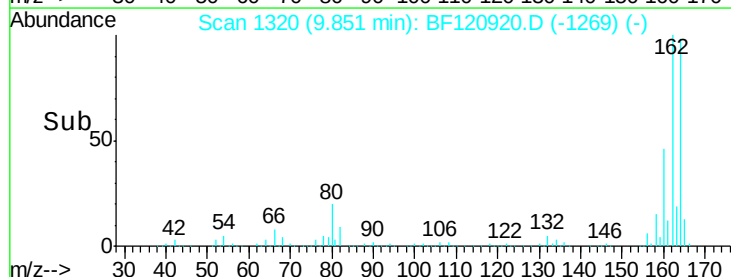
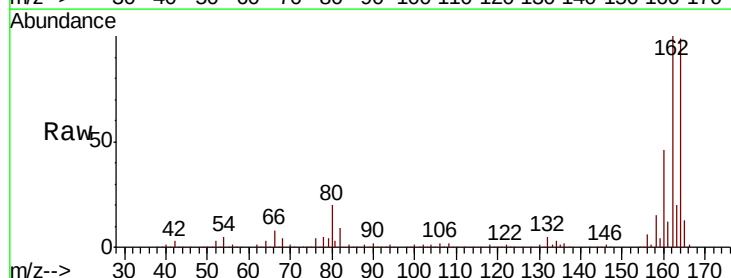
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

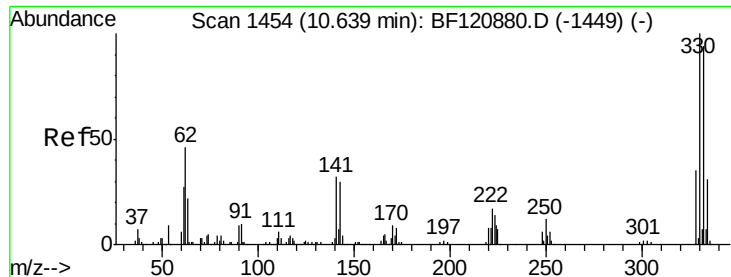
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	38.2	57.4
54	47.0	38.7	58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120920.D
 Acq: 17 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.2	121.8
160	47.1	36.9	55.3

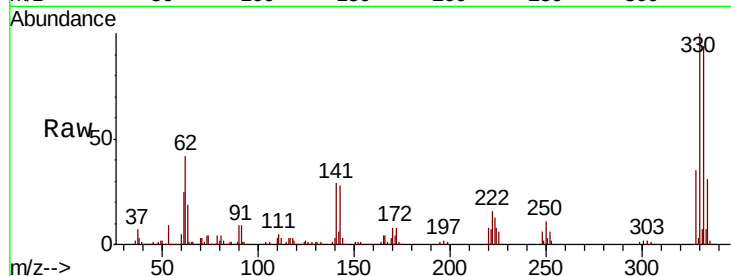




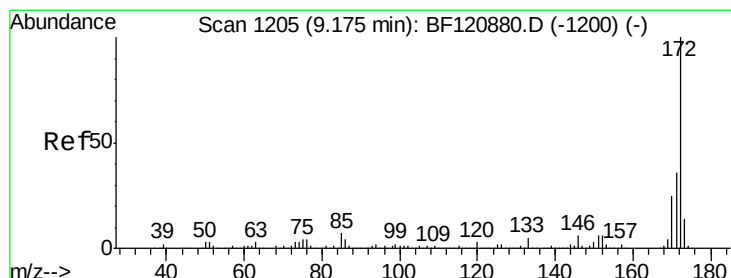
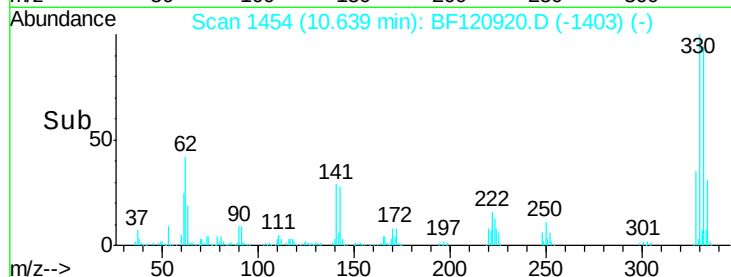
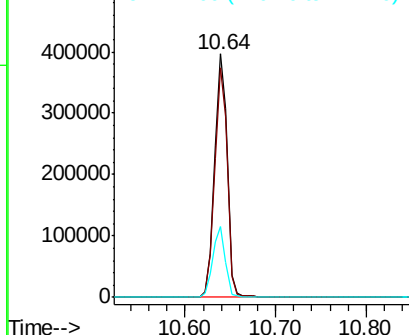
#42
 2,4,6-Tribromophenol
 Concen: 79.147 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120920.D
 Acq: 17 Jul 2020 13:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tot Ion:330 Resp: 385594
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.5 113.3
 141 29.4 25.7 38.5

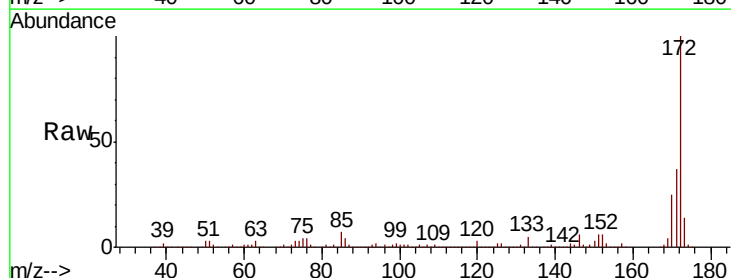


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

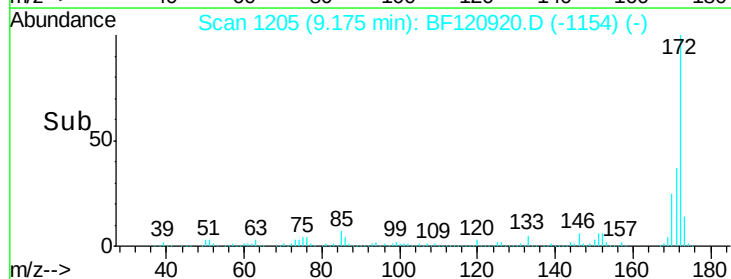
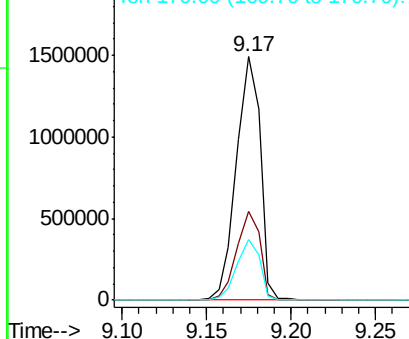


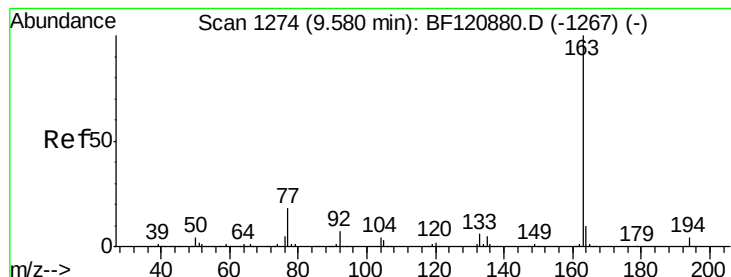
#45
 2-Fluorobiphenyl
 Concen: 49.451 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120920.D
 Acq: 17 Jul 2020 13:59

Tgt Ion:172 Resp: 1474147
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.4
 170 24.8 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: 10.156 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120920.D

Acq: 17 Jul 2020 13:59

Instrument :

BNA_F

ClientSampleId :

TP-11-S

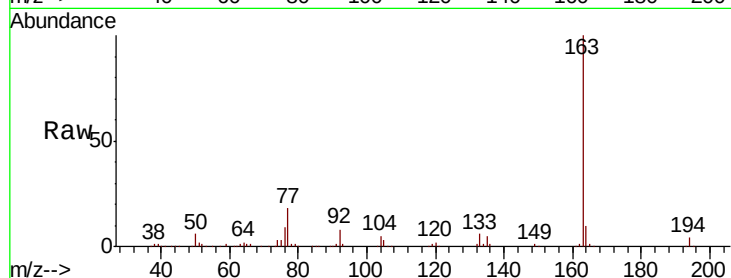
Tot Ion:163 Resp: 326104

Ion Ratio Lower Upper

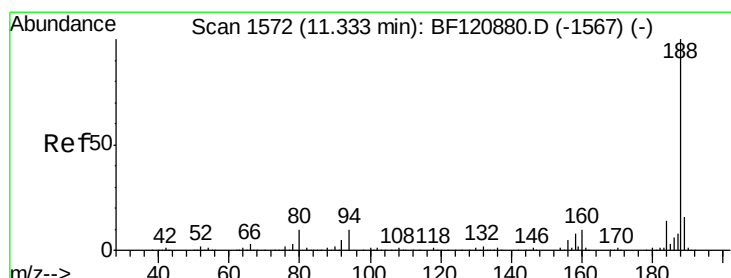
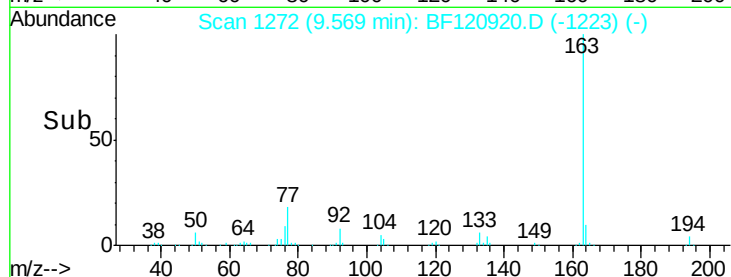
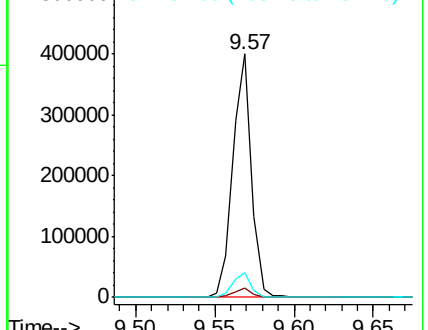
163 100

194 3.9 3.2 4.8

164 10.1 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: BF120920.D

Acq: 17 Jul 2020 13:59

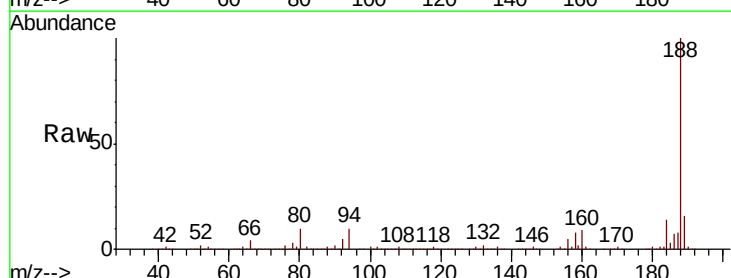
Tgt Ion:188 Resp: 825805

Ion Ratio Lower Upper

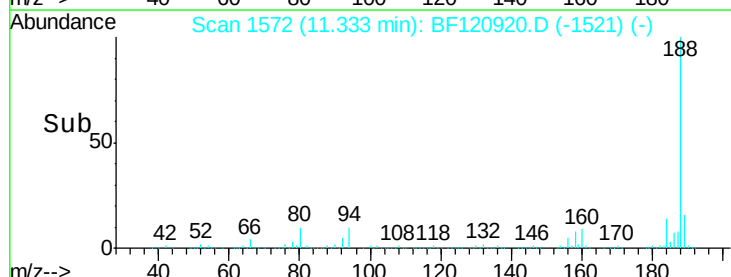
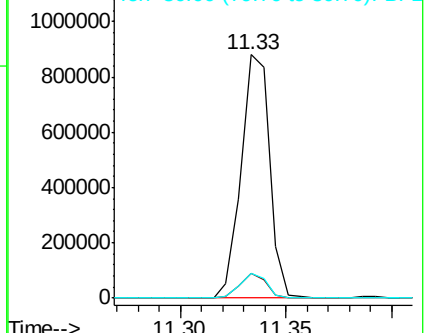
188 100

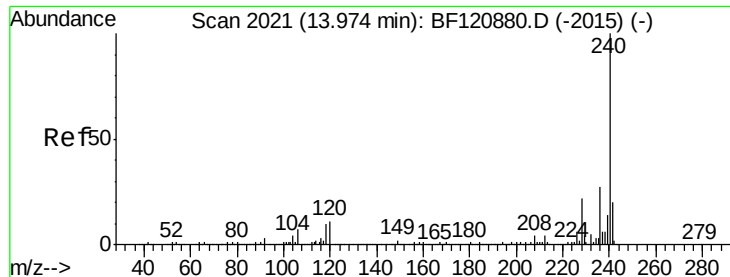
94 10.1 8.0 12.0

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: BF120920.D

Acq: 17 Jul 2020 13:59

Instrument :

BNA_F

ClientSampleId :

TP-11-S

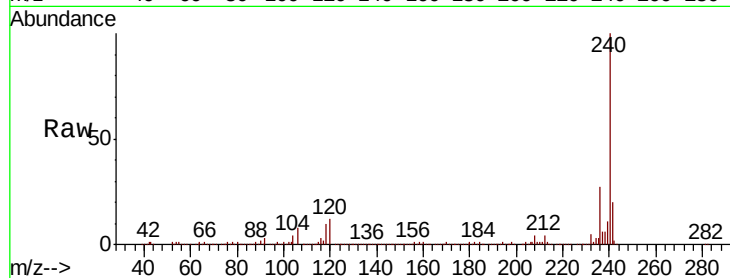
Tot Ion:240 Resp: 521859

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.4

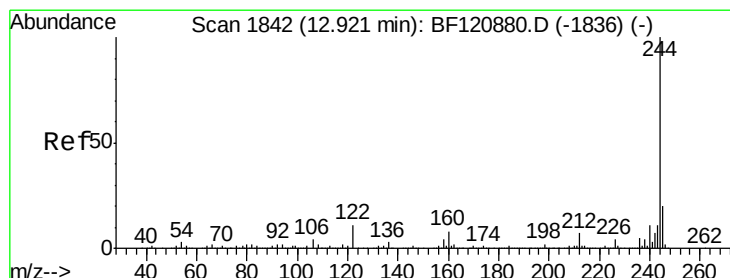
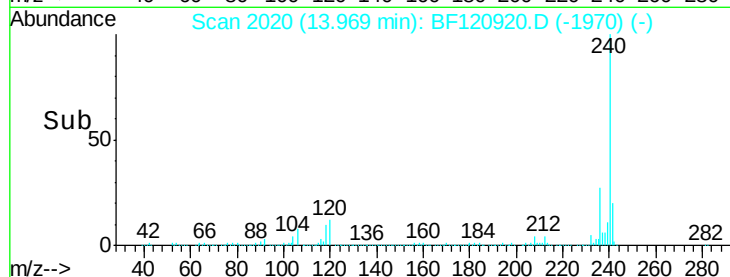
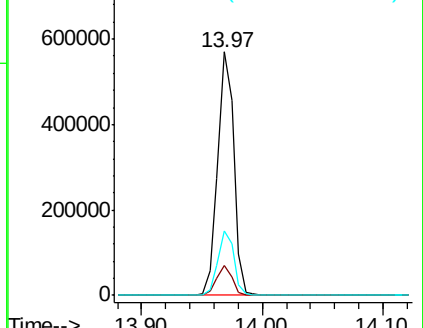
236 26.7 21.7 32.5



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: 58.322 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120920.D

Acq: 17 Jul 2020 13:59

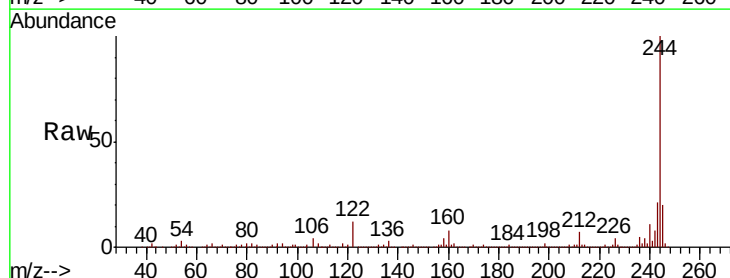
Tgt Ion:244 Resp: 1400129

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

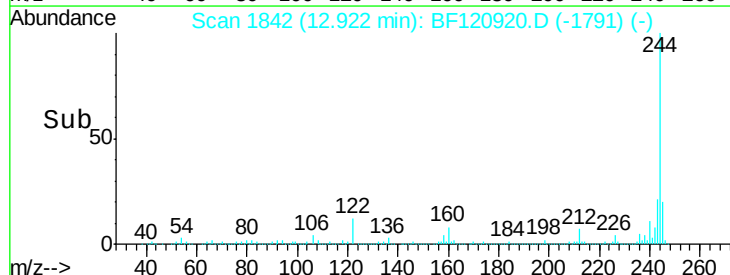
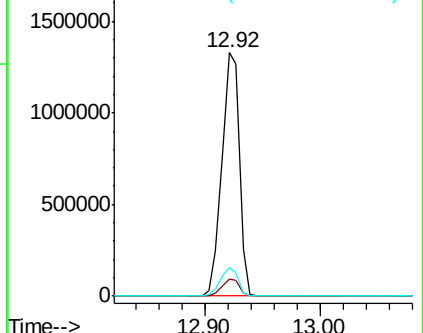
122 11.6 8.9 13.3

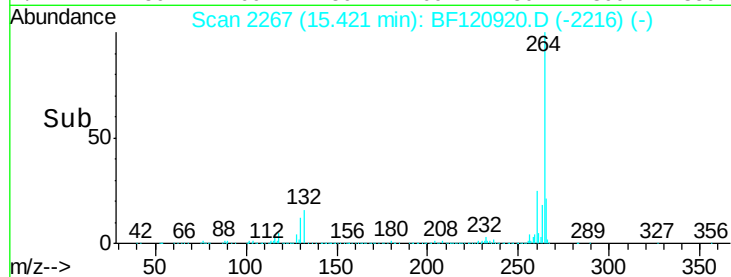
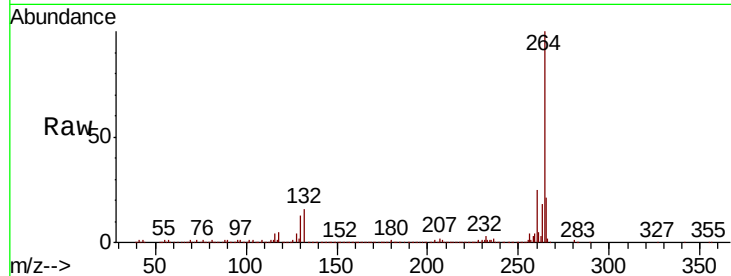
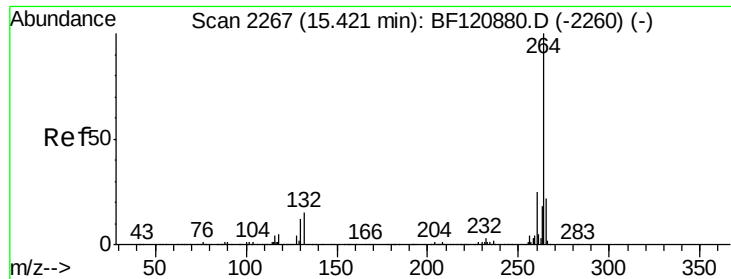


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2267
Delta R.T. 0.00 min
Lab File: BF120920.D
Acq: 17 Jul 2020 13:59

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.5	17.4	26.2

