

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121748.D
 Acq On : 30 Sep 2020 20:04
 Operator : JU/CG
 Sample : PB132010BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132010BL

Quant Time: Oct 01 00:49:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	276762	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	1083593	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	578631	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	1103876	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	905054	20.00	ng	-0.01
86) Perylene-d12	15.37	264	731298	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1109992	59.60	ng	0.00
7) Phenol-d6	6.42	99	1404947	57.50	ng	-0.01
23) Nitrobenzene-d5	7.34	82	995810	49.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	465109	64.67	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1767981	46.28	ng	-0.02
79) Terphenyl-d14	12.89	244	1979748	44.32	ng	0.00

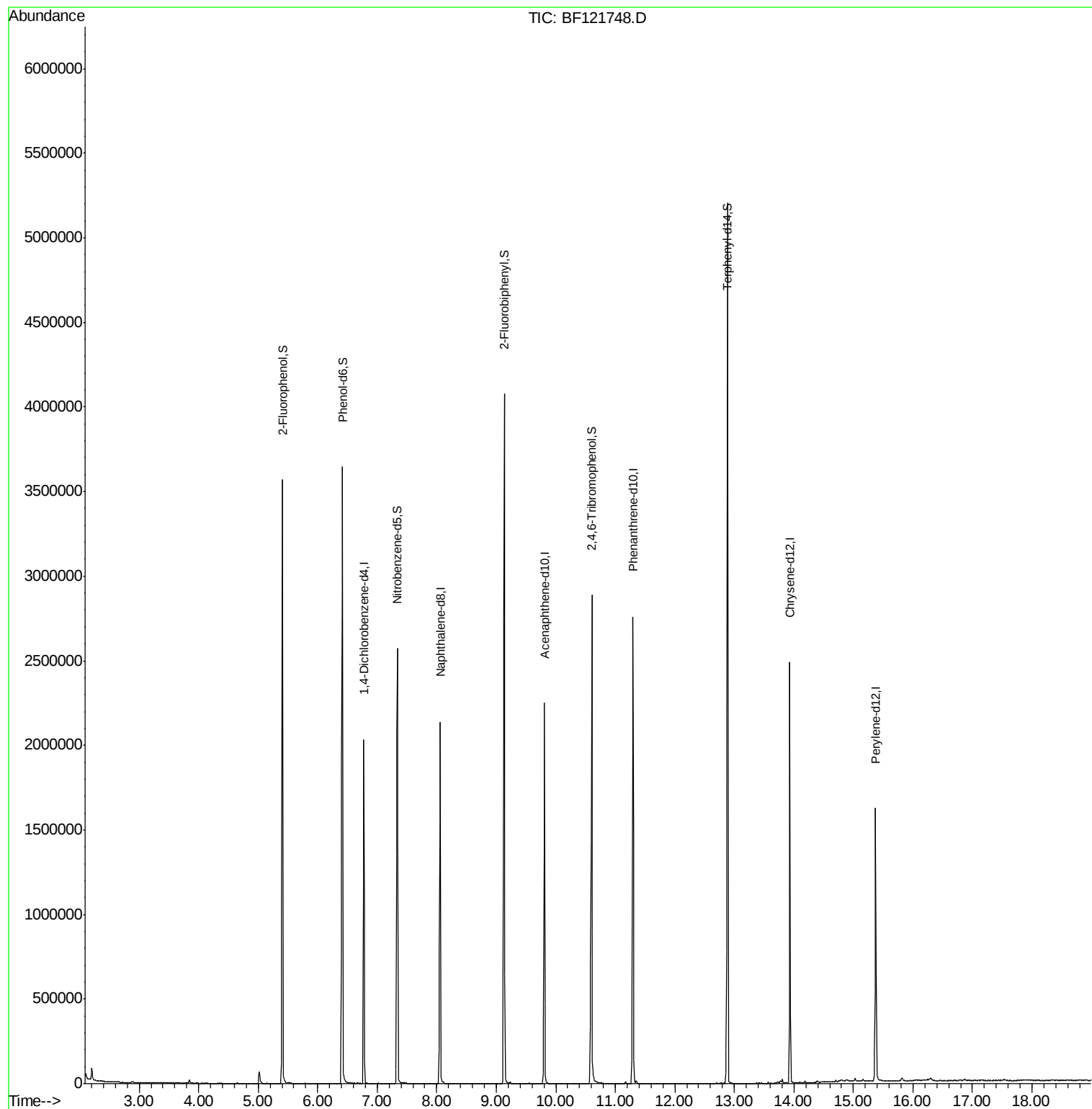
Target Compounds Qvalue

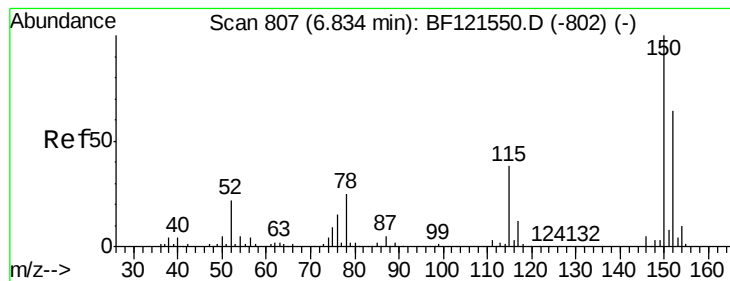
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

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ClientSampleId :

PB132010BL

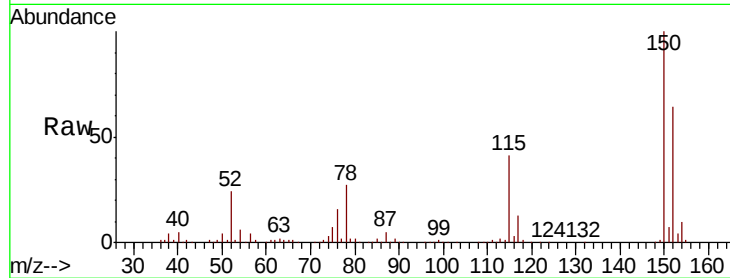
Tot Ion:152 Resp: 276762

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.8

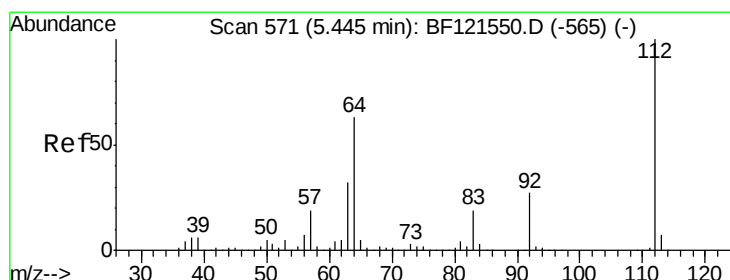
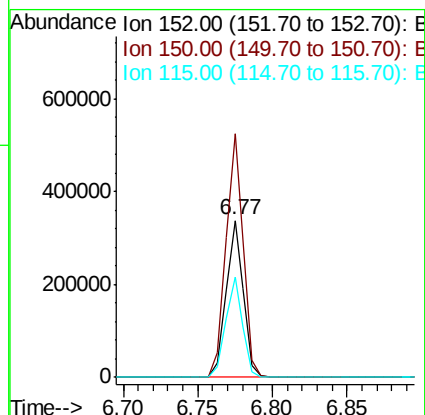
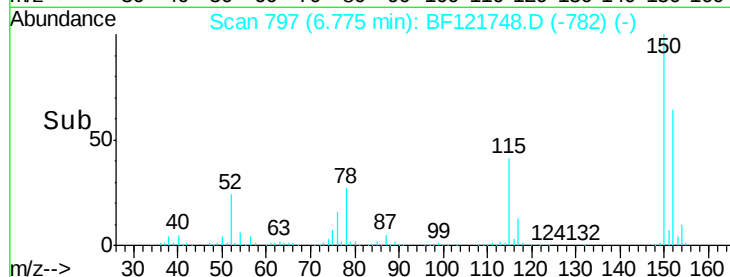
115 63.6 49.6 74.4



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: 59.603 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

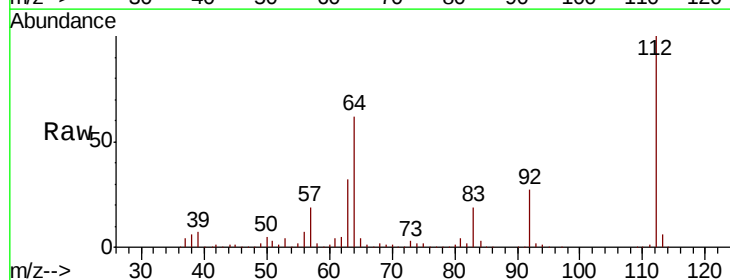
Tgt Ion:112 Resp: 1109992

Ion Ratio Lower Upper

112 100

64 62.3 51.2 76.8

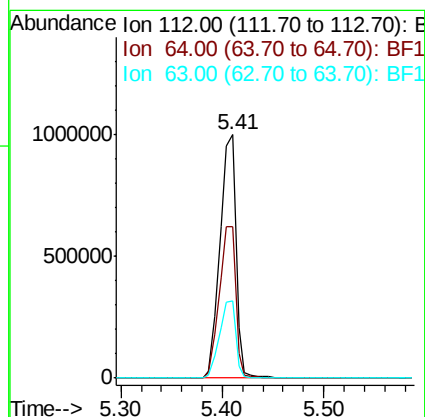
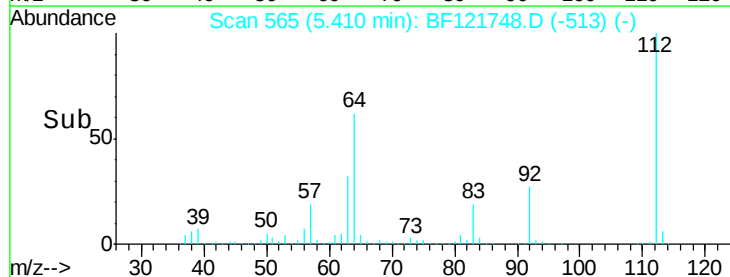
63 31.6 25.9 38.9



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: 57.504 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB132010BL

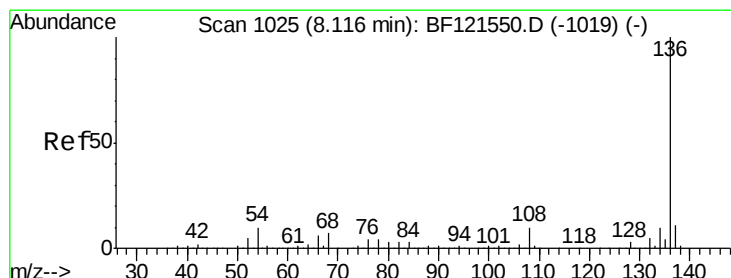
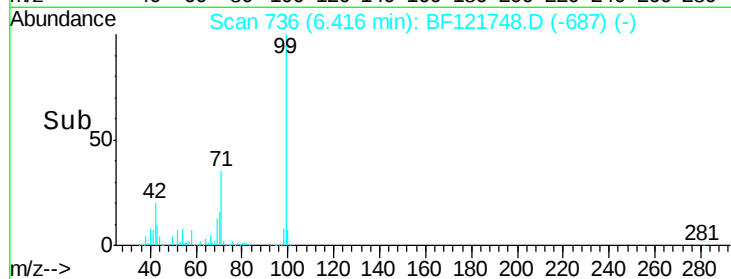
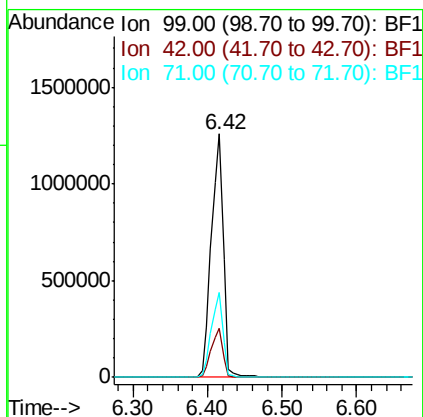
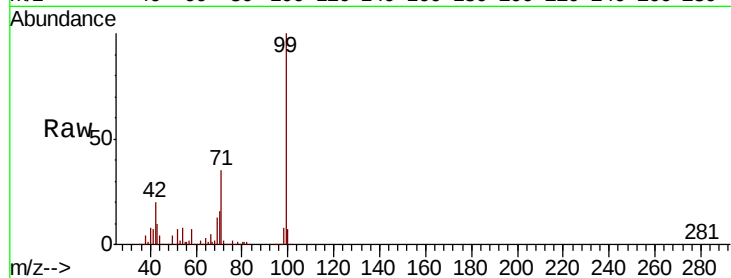
Tot Ion: 99 Resp: 1404947

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

71 34.9 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Tgt Ion: 136 Resp: 1083593

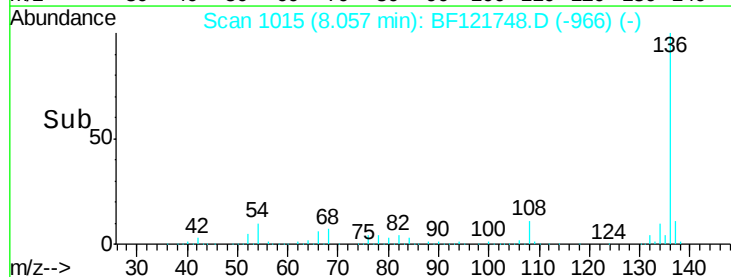
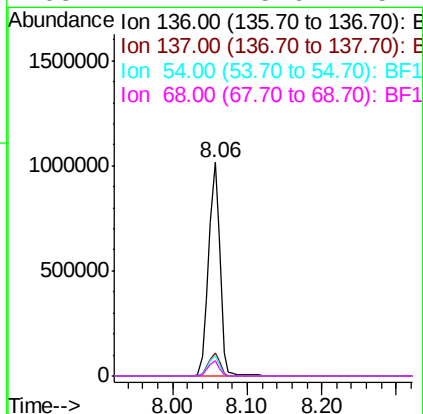
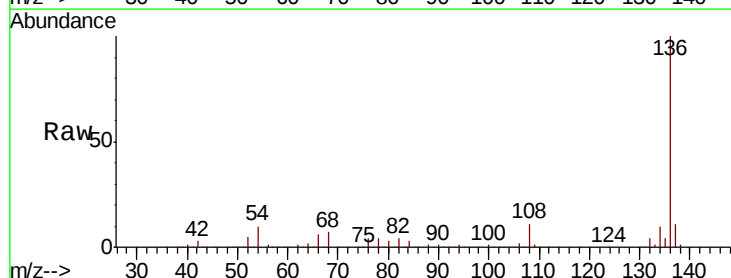
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.8 7.8 11.8

68 7.1 5.6 8.4

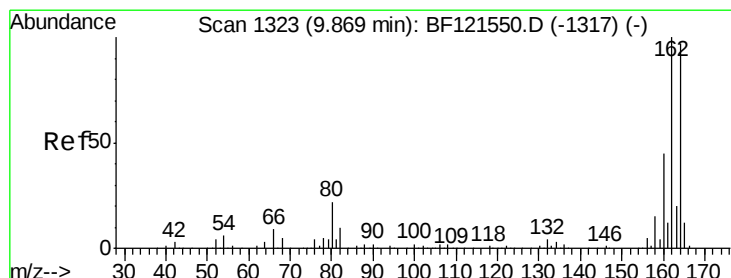
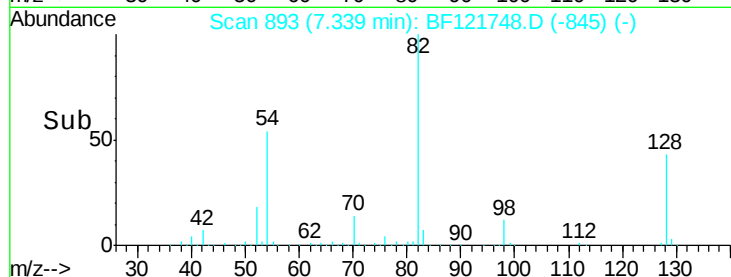
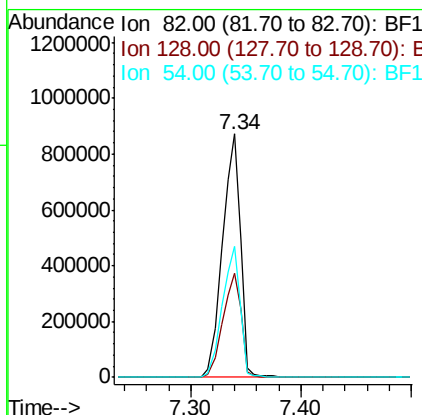
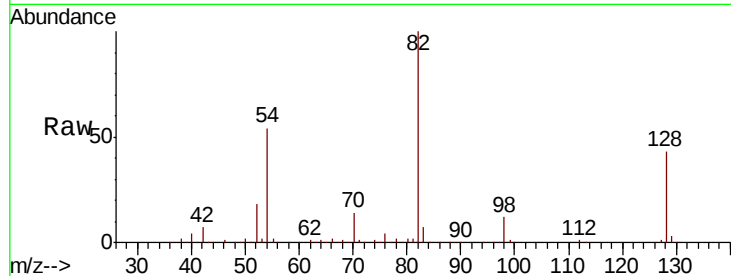




#23
 Nitrobenzene-d5
 Concen: 49.342 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

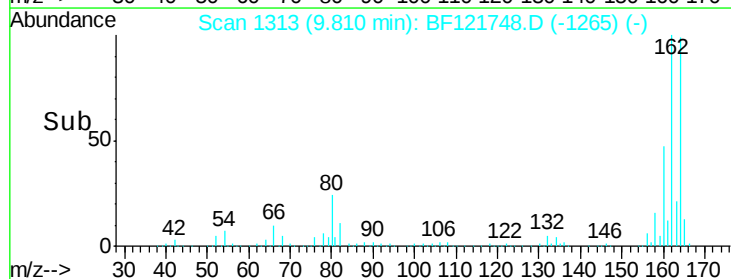
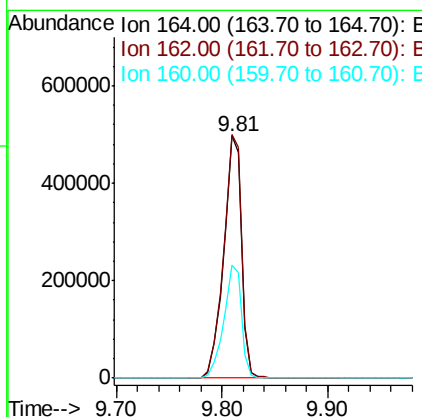
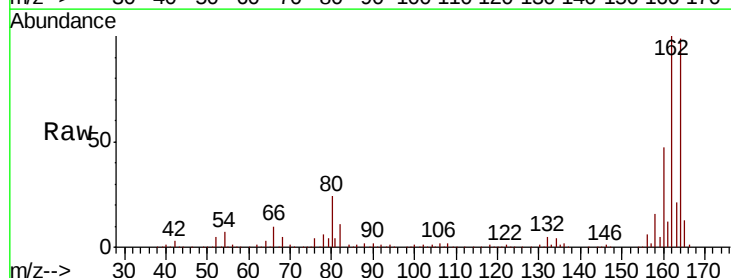
Instrument :
 BNA_F
 ClientSampleId :
 PB132010BL

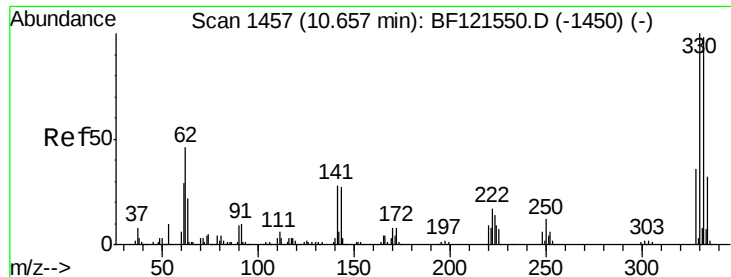
Tot Ion	82	Resp	995810
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.0	52.4
54	54.0	42.5	63.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion	164	Resp	578631
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.6	121.0
160	46.8	36.9	55.3

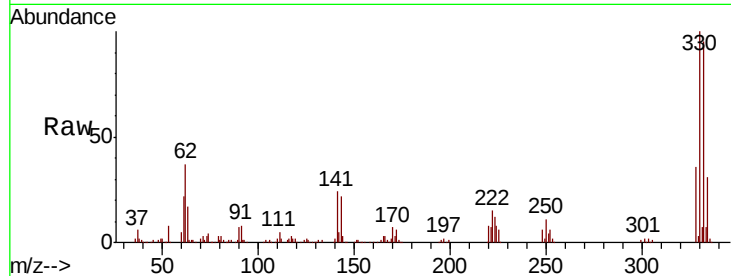




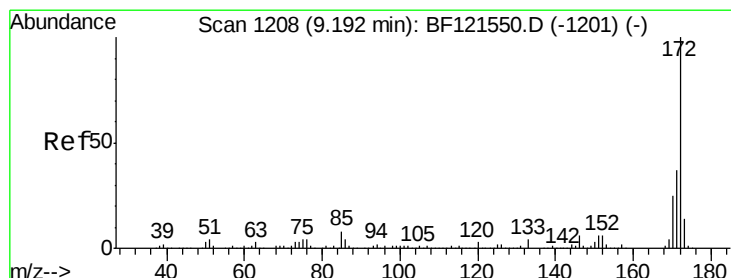
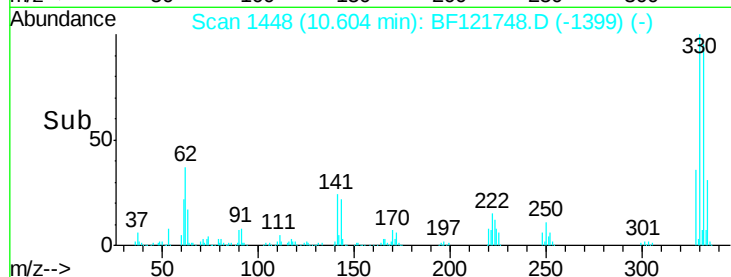
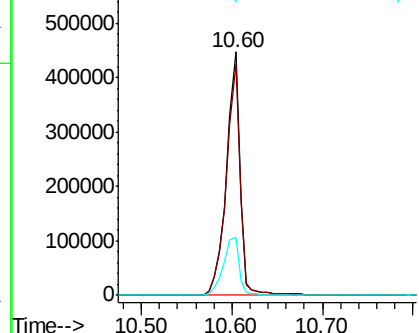
#42
 2,4,6-Tribromophenol
 Concen: 64.674 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132010BL

Tot Ion:330 Resp: 465109
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 27.8 22.9 34.3

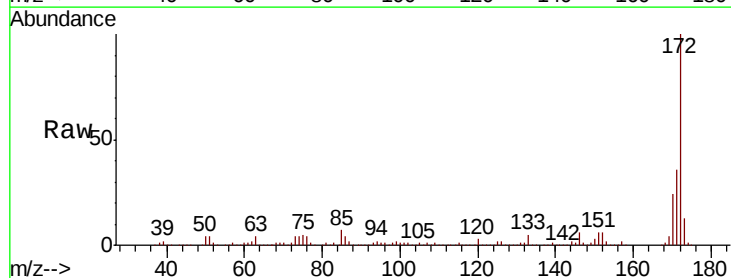


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

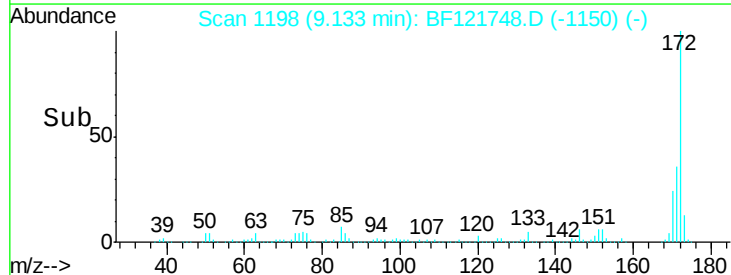
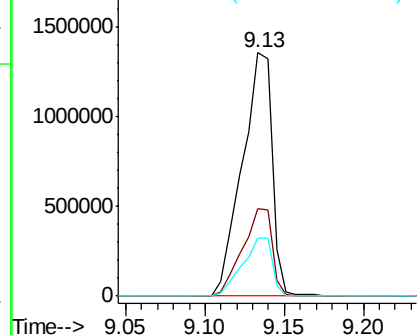


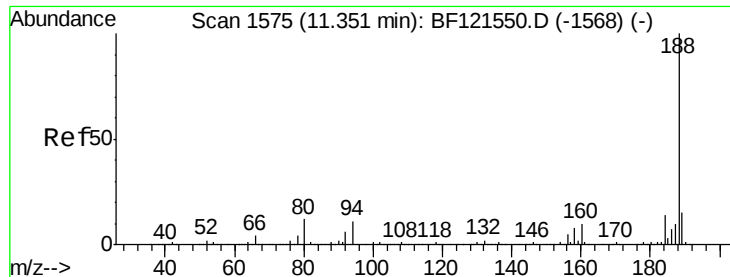
#45
 2-Fluorobiphenyl
 Concen: 46.276 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion:172 Resp: 1767981
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 24.0 19.7 29.5



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

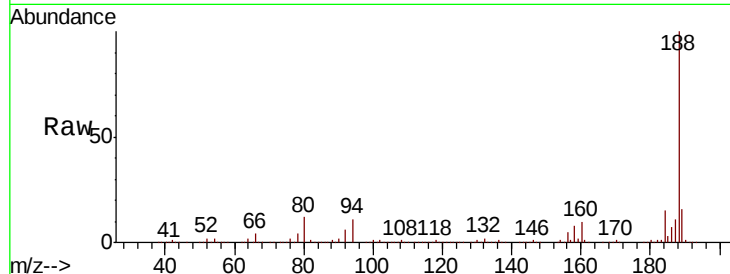




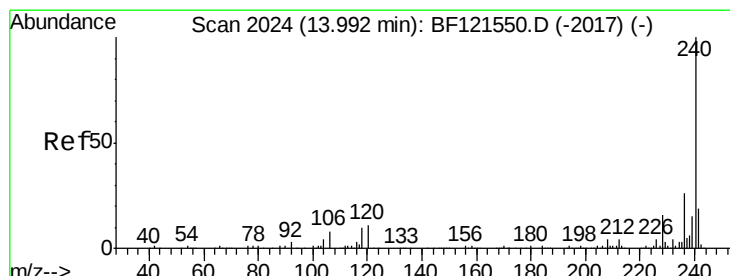
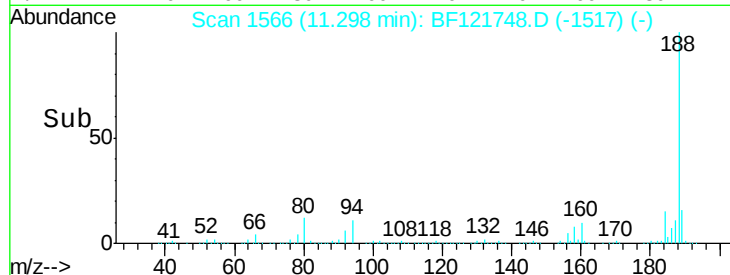
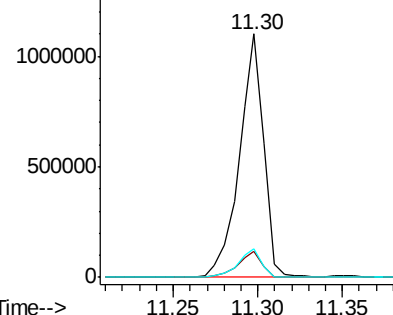
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121748.D
Acq: 30 Sep 2020 20:04

Instrument :
BNA_F
ClientSampled :
PB132010BL

Tot Ion:188 Resp: 1103876
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.2
80 11.6 8.9 13.3

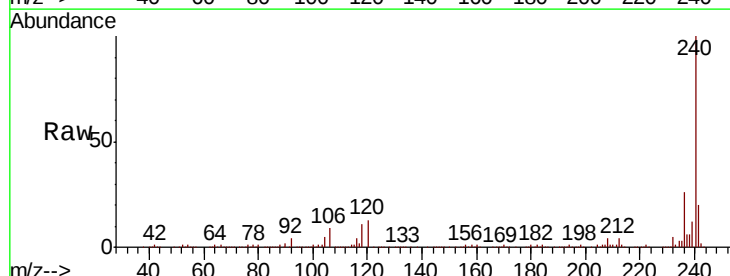


Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

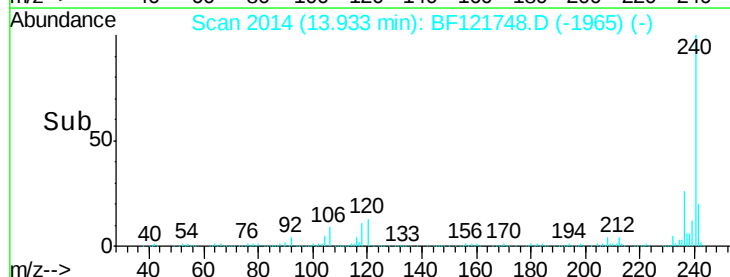
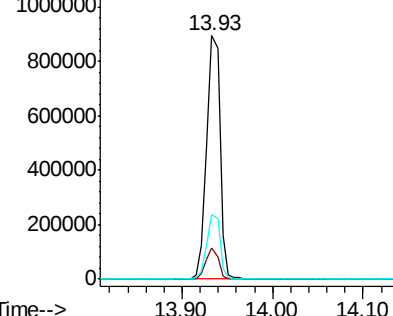


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121748.D
Acq: 30 Sep 2020 20:04

Tgt Ion:240 Resp: 905054
Ion Ratio Lower Upper
240 100
120 12.7 10.2 15.4
236 26.4 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
1200000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 44.315 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB132010BL

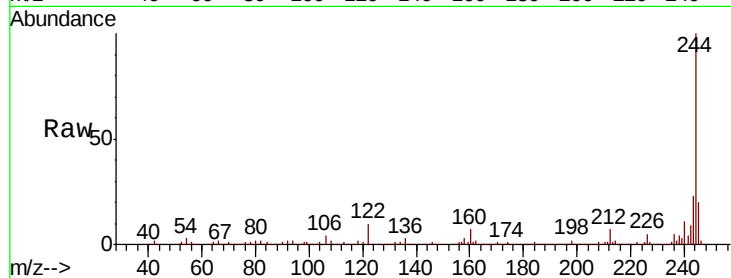
Tot Ion:244 Resp: 1979748

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

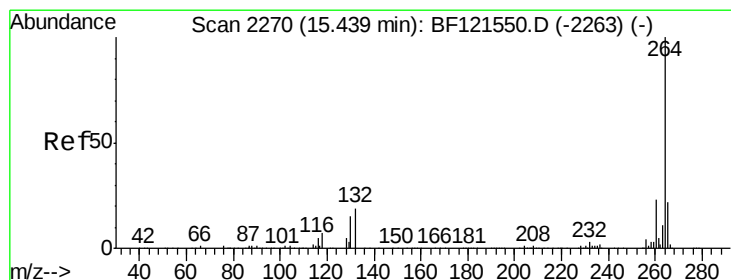
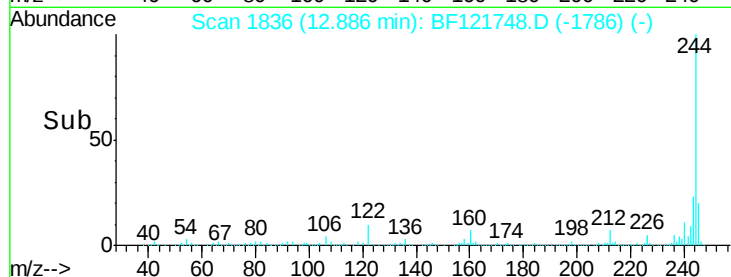
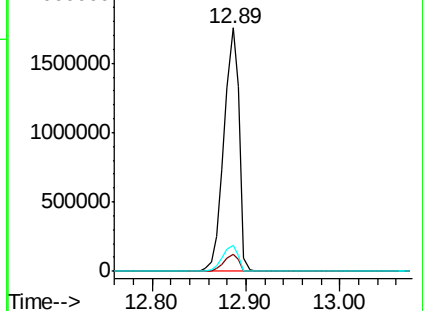
122 10.5 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

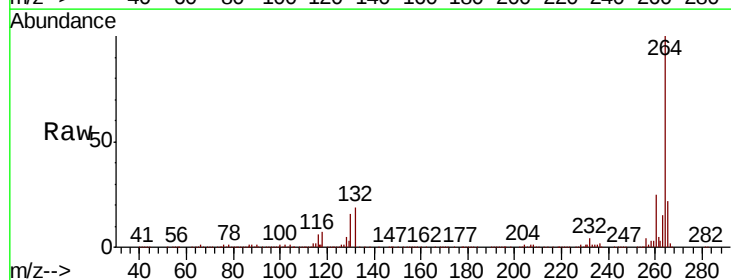
Tgt Ion:264 Resp: 731298

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.2 17.3 25.9



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

