

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121744.D
 Acq On : 30 Sep 2020 18:02
 Operator : JU/CG
 Sample : PB132004BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BL

Quant Time: Sep 30 18:37:35 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	147550	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	579835	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	308190	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	602177	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	496406	20.00	ng	-0.01
86) Perylene-d12	15.37	264	393825	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	985109	99.22	ng	0.00
7) Phenol-d6	6.42	99	1243356	95.45	ng	-0.01
23) Nitrobenzene-d5	7.34	82	864228	80.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	412421	107.67	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1562880	76.80	ng	-0.02
79) Terphenyl-d14	12.89	244	1791043	73.09	ng	0.00

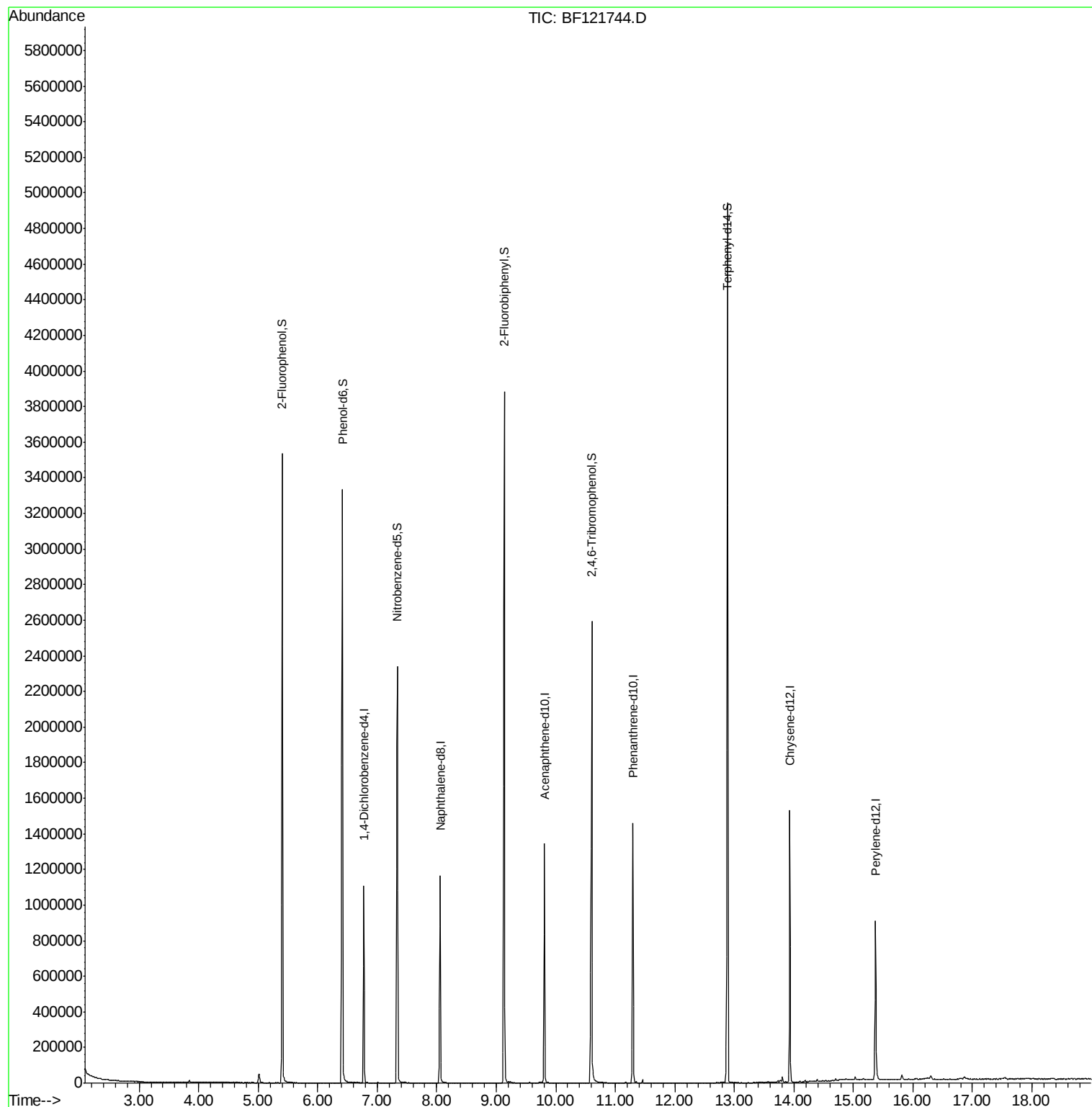
Target Compounds Qvalue

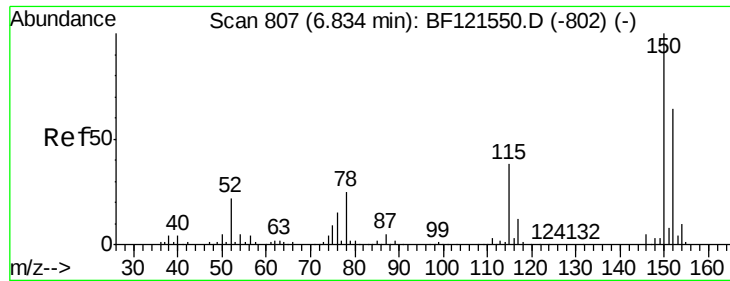
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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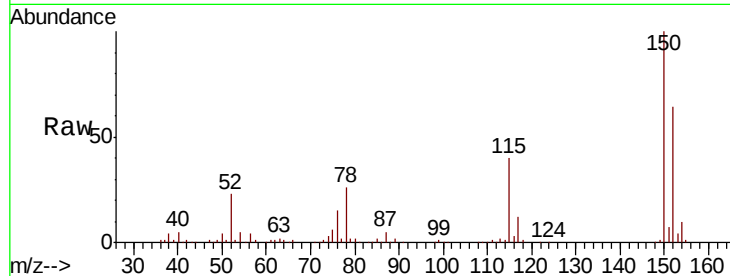


#1

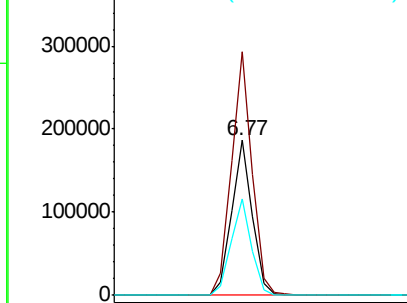
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121744.D
Acq: 30 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PB132004BL

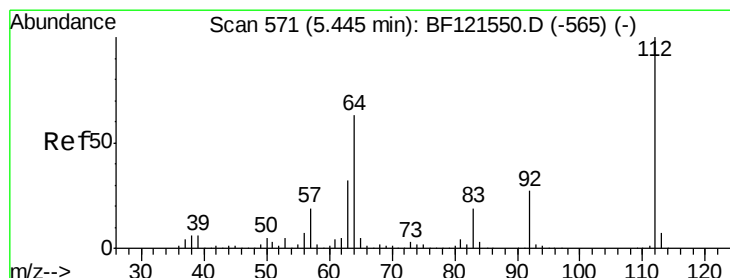
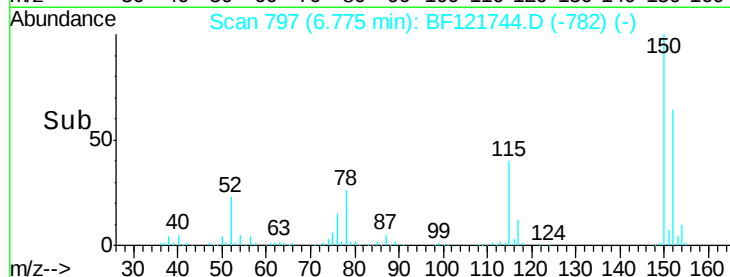
Tot Ion:152 Resp: 147550
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.8
115 62.4 49.6 74.4



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



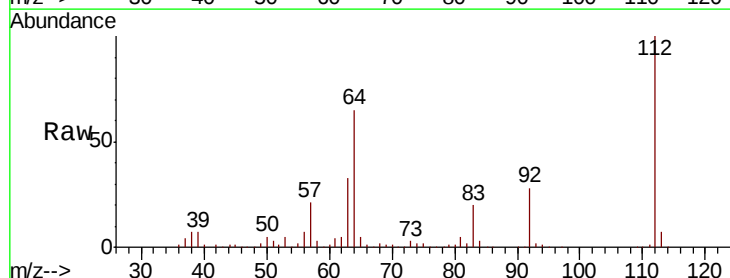
Time-->



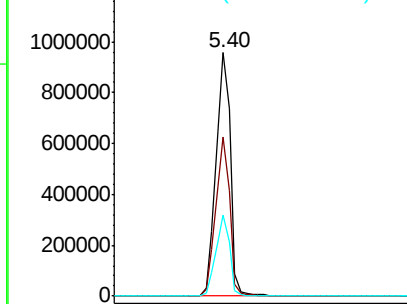
#5

2-Fluorophenol
Concen: 99.220 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF121744.D
Acq: 30 Sep 2020 18:02

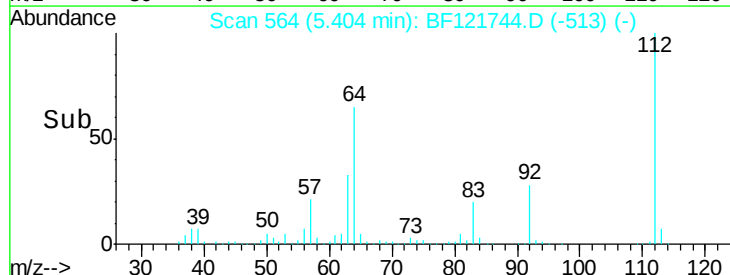
Tgt Ion:112 Resp: 985109
Ion Ratio Lower Upper
112 100
64 65.3 51.2 76.8
63 33.1 25.9 38.9



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



Time-->





#7

Phenol-d6

Concen: 95.455 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121744.D

Acq: 30 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PB132004BL

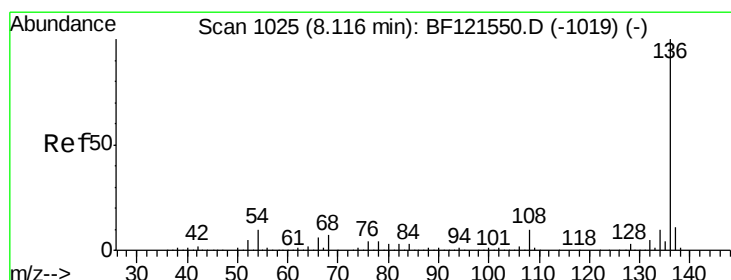
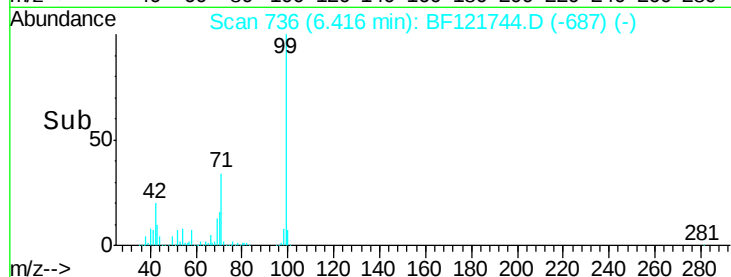
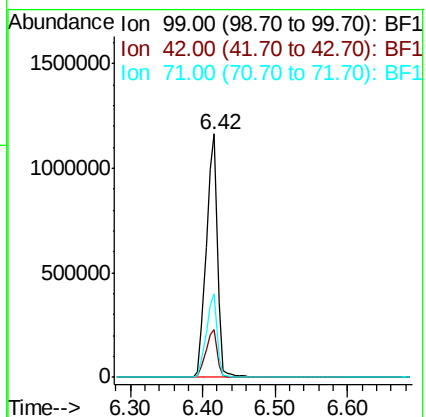
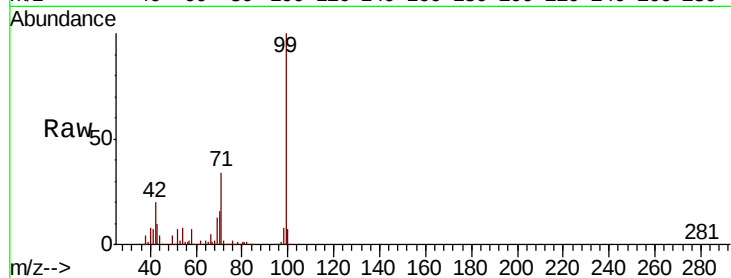
Tot Ion: 99 Resp: 1243356

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

71 34.2 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: BF121744.D

Acq: 30 Sep 2020 18:02

Tgt Ion: 136 Resp: 579835

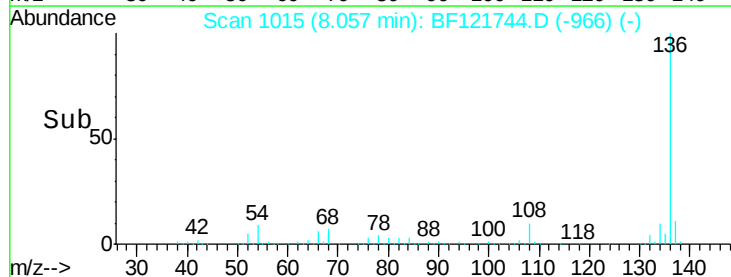
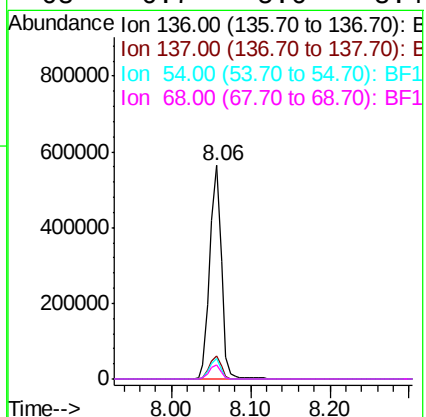
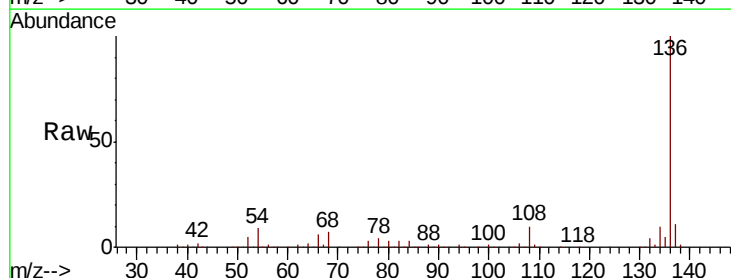
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.3 7.8 11.8

68 6.7 5.6 8.4

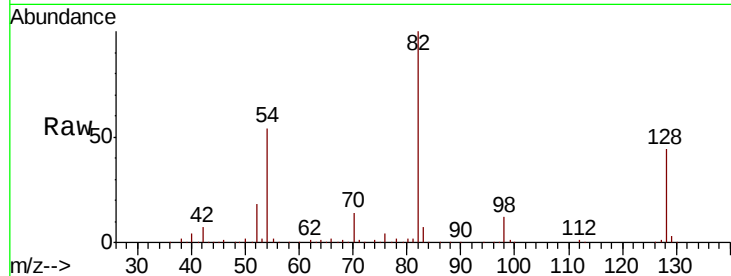




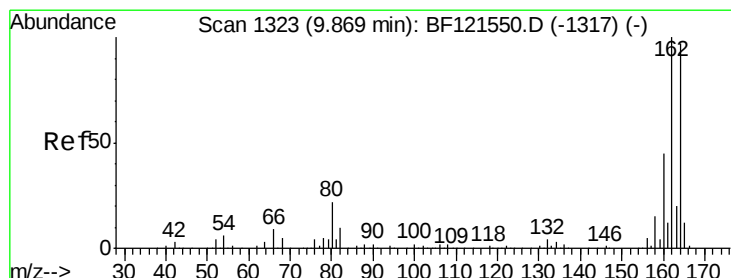
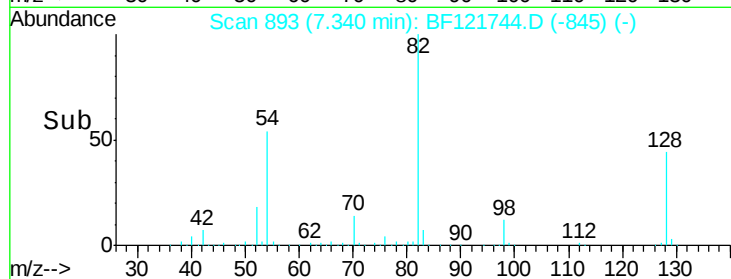
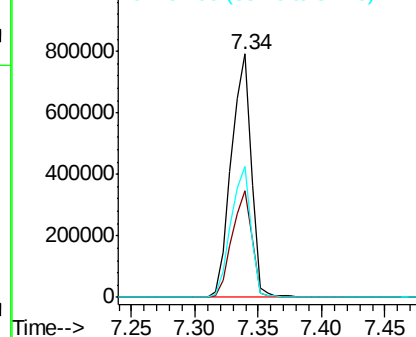
#23
Nitrobenzene-d5
Concen: 80.026 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121744.D
Acq: 30 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PB132004BL

Tot Ion: 82 Resp: 864228
Ion Ratio Lower Upper
82 100
128 43.6 35.0 52.4
54 53.9 42.5 63.7

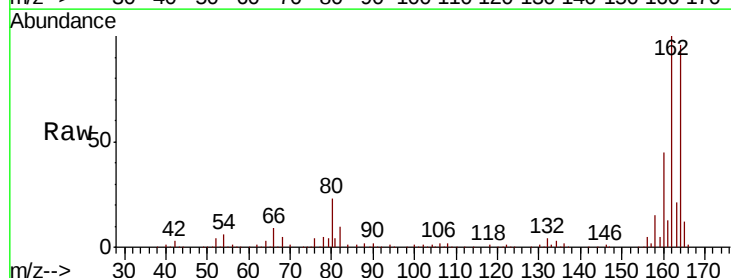


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

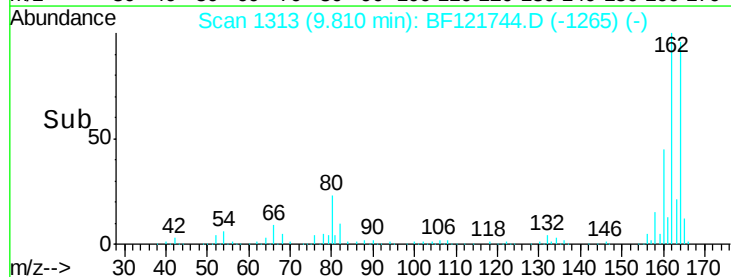
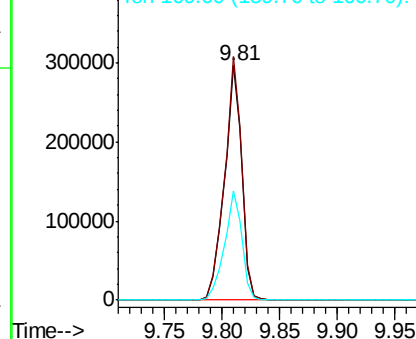


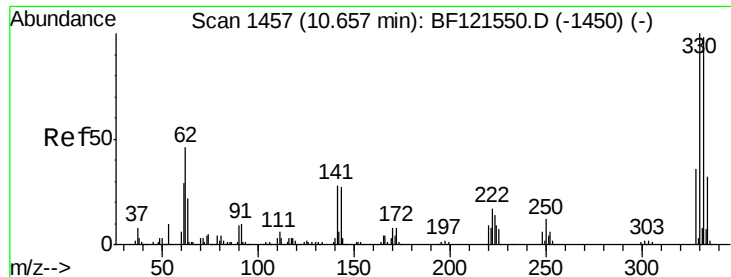
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121744.D
Acq: 30 Sep 2020 18:02

Tgt Ion: 164 Resp: 308190
Ion Ratio Lower Upper
164 100
162 104.0 80.6 121.0
160 46.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

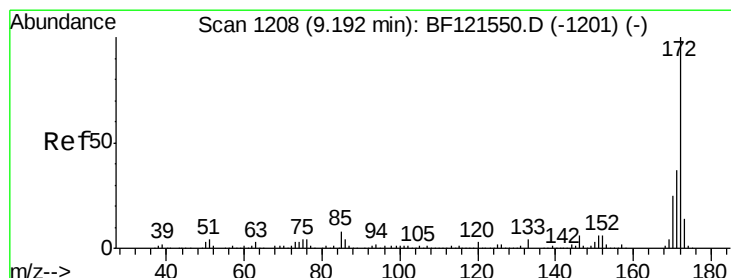
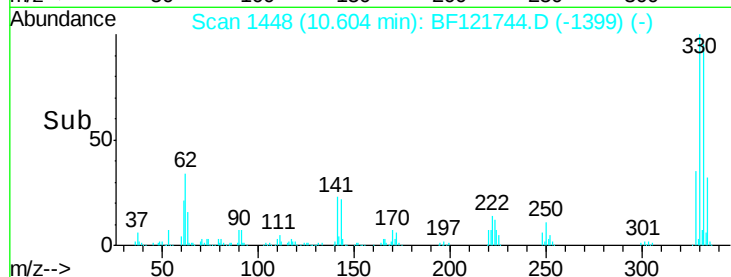
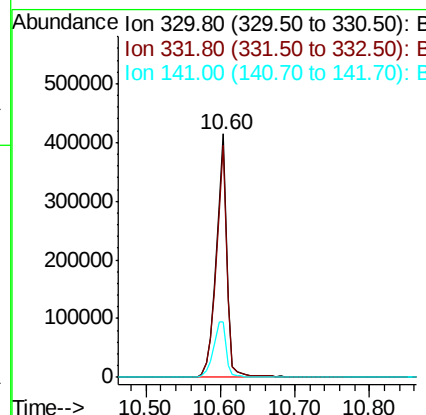
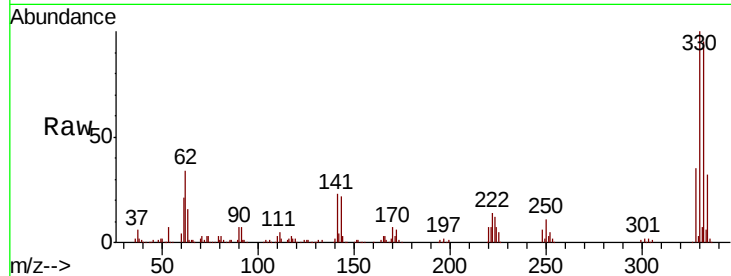




#42
 2,4,6-Tribromophenol
 Concen: 107.671 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121744.D
 Acq: 30 Sep 2020 18:02

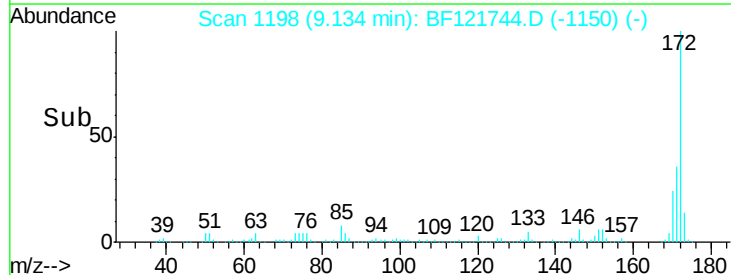
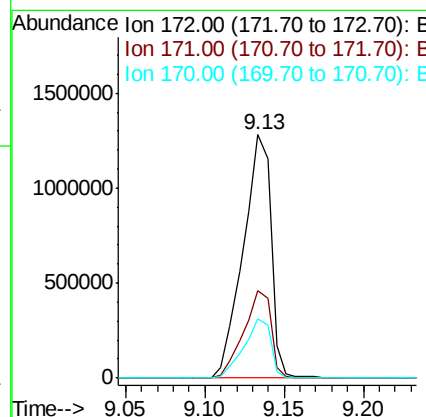
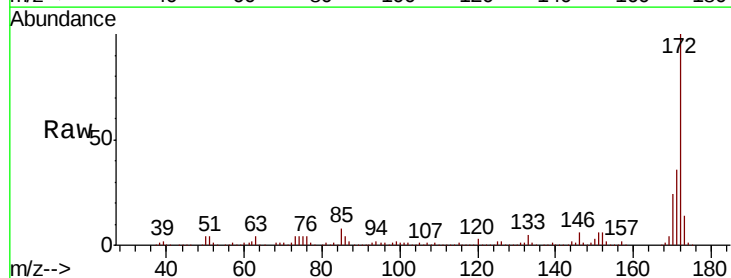
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BL

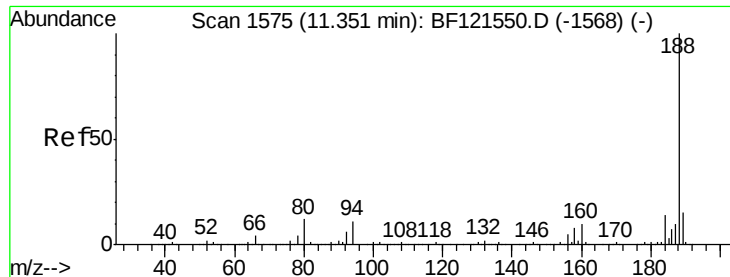
Tot Ion:330 Resp: 412421
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 27.5 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 76.804 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121744.D
 Acq: 30 Sep 2020 18:02

Tgt Ion:172 Resp: 1562880
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 24.4 19.7 29.5

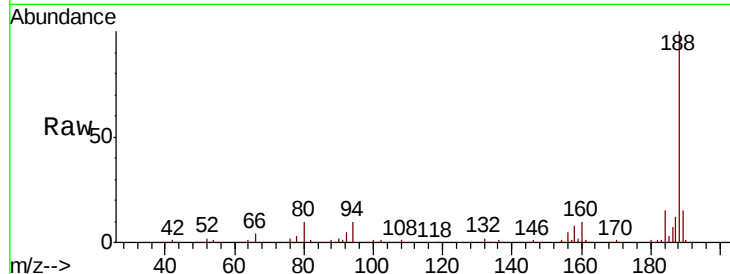




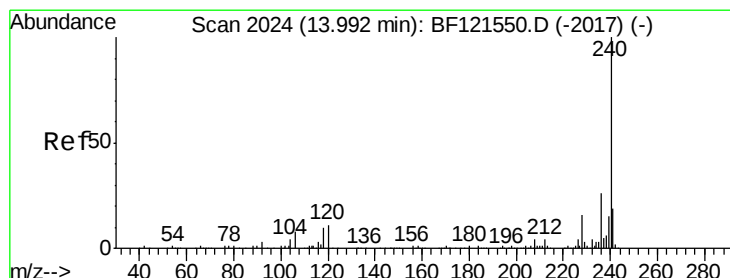
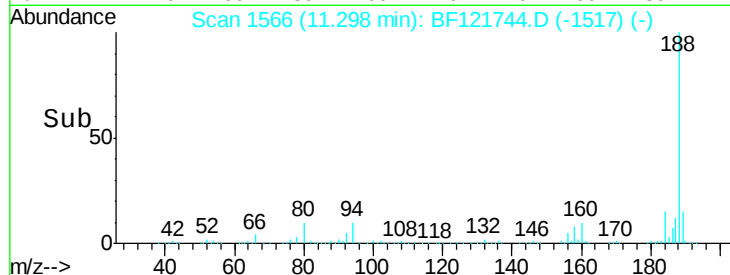
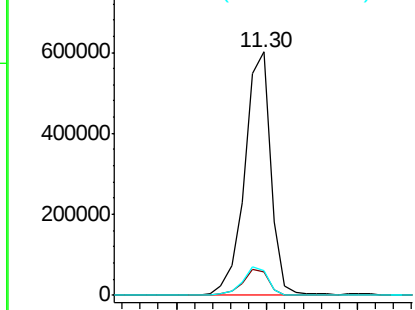
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121744.D
Acq: 30 Sep 2020 18:02

Instrument :
BNA_F
ClientSampleId :
PB132004BL

Tot Ion:188 Resp: 602177
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.2 8.9 13.3

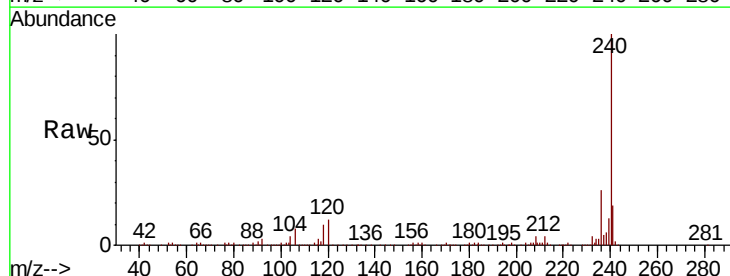


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

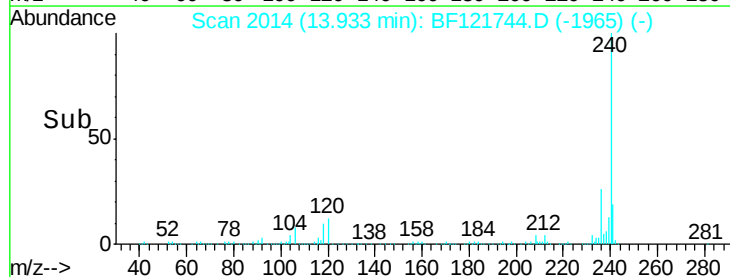
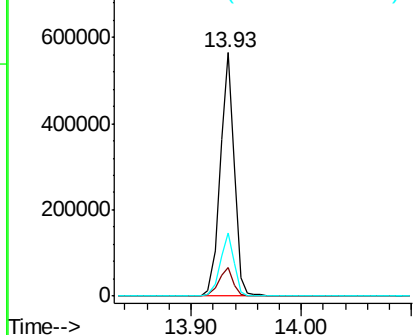


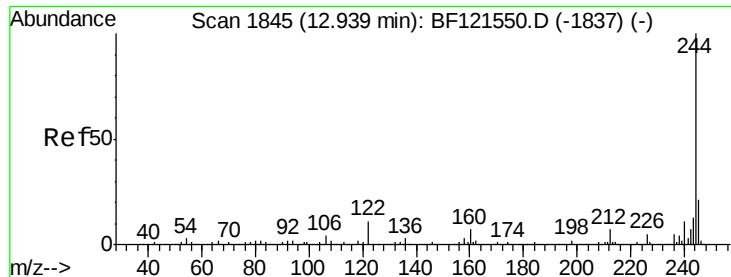
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121744.D
Acq: 30 Sep 2020 18:02

Tgt Ion:240 Resp: 496406
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.4
236 25.8 20.4 30.6



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: 73.095 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121744.D

Acq: 30 Sep 2020 18:02

Instrument :

BNA_F

ClientSampleId :

PB132004BL

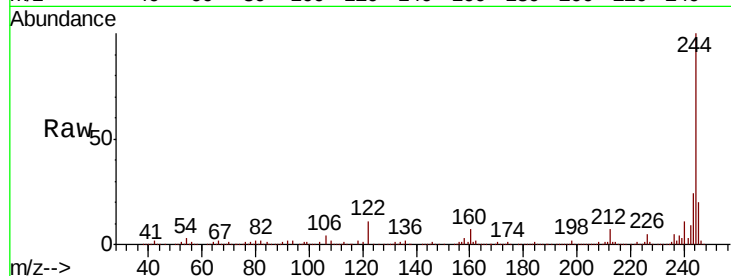
Tot Ion:244 Resp: 1791043

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

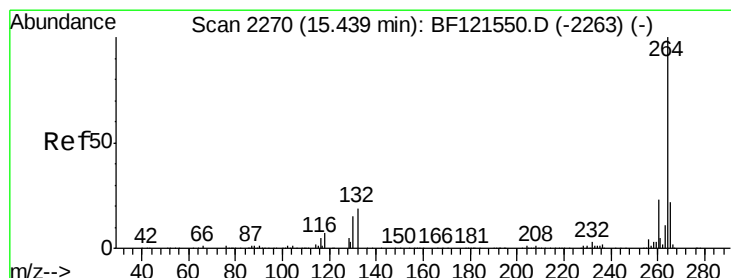
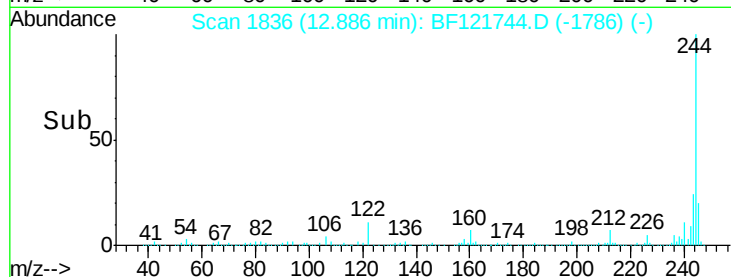
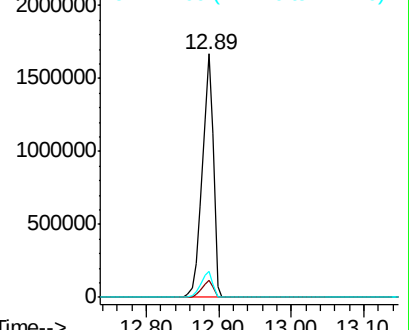
122 10.5 9.0 13.4



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: BF121744.D

Acq: 30 Sep 2020 18:02

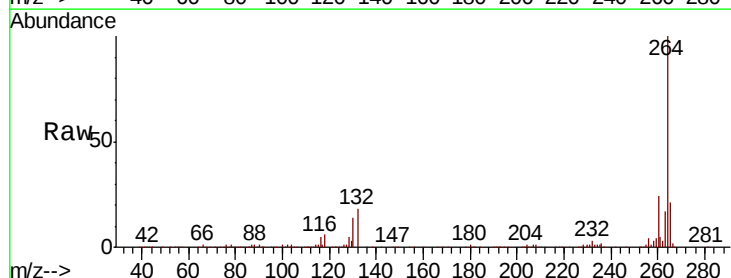
Tgt Ion:264 Resp: 393825

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.8 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

