

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121911.D
 Acq On : 9 Oct 2020 17:44
 Operator : JU/CG
 Sample : L4310-02 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 215620

Quant Time: Oct 10 01:20:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103818	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	415072	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	194139	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	288757	20.00	ng	0.00
76) Chrysene-d12	13.92	240	247127	20.00	ng	-0.01
86) Perylene-d12	15.36	264	262614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	5630	0.81	ng	0.02
7) Phenol-d6	6.45	99	8136	0.89	ng	0.03
23) Nitrobenzene-d5	7.33	82	5903	0.76	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1575	0.65	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	14841	1.16	ng	-0.02
79) Terphenyl-d14	12.86	244	12178	1.00	ng	-0.02

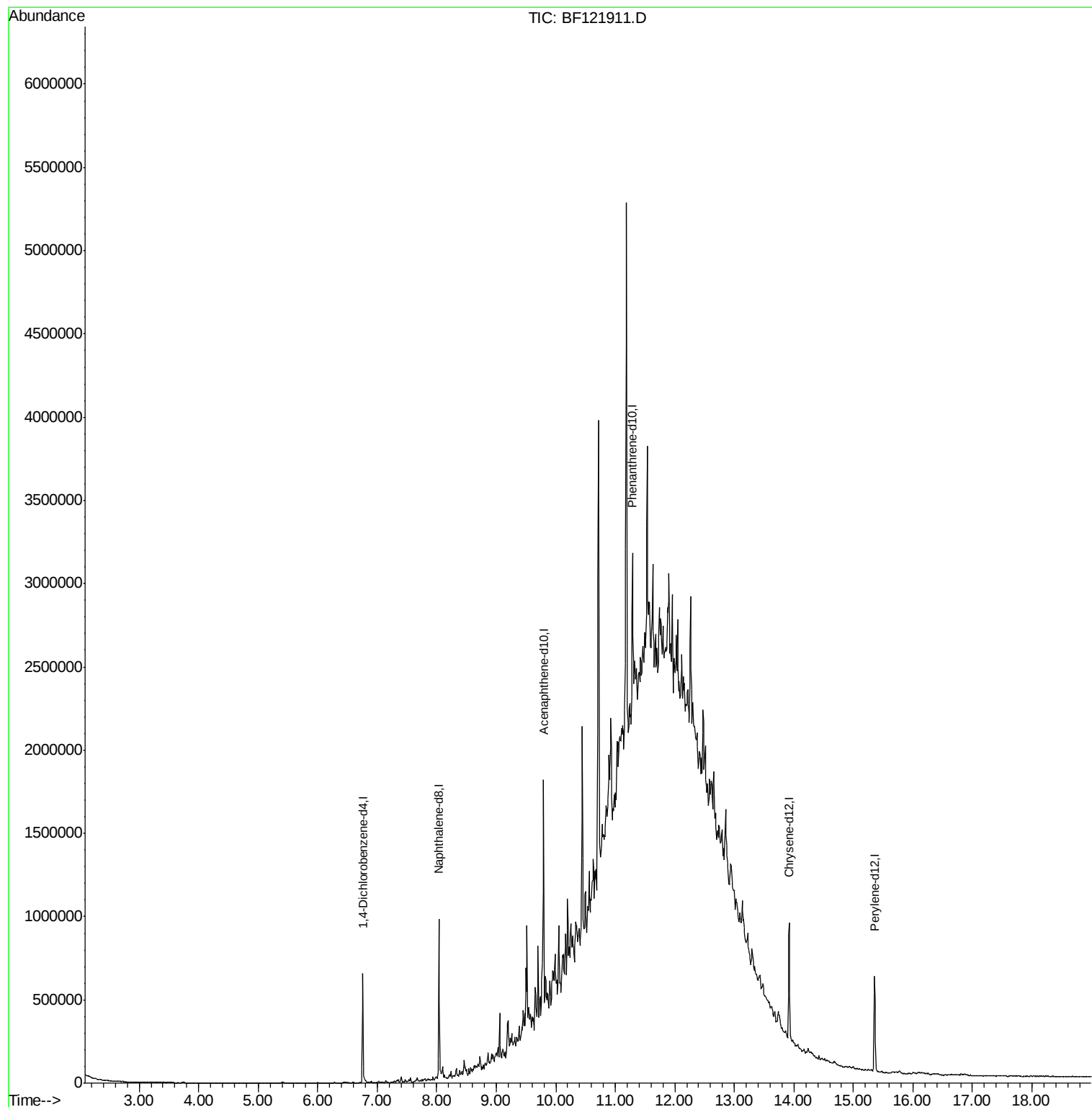
Target Compounds Qvalue

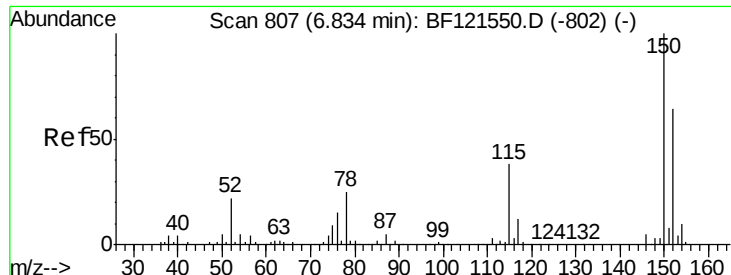
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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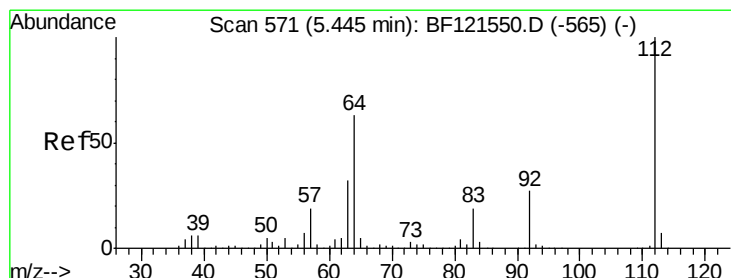
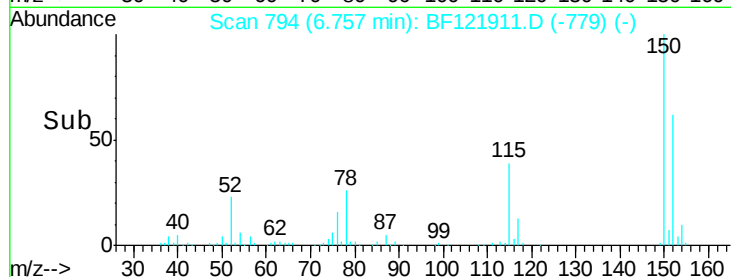
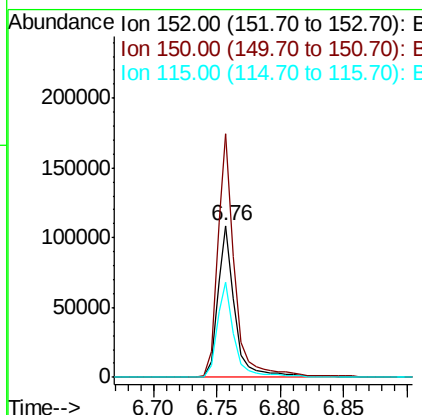
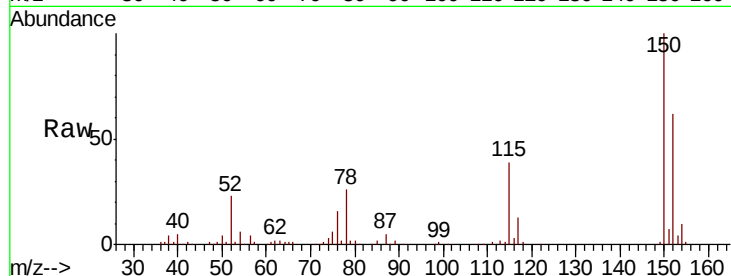


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121911.D
Acq: 9 Oct 2020 17:44

Instrument :
BNA_F
ClientSampleId :
215620

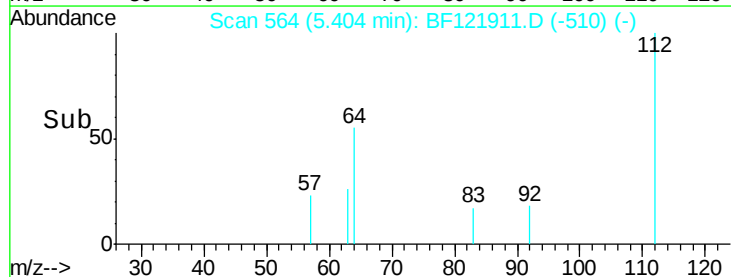
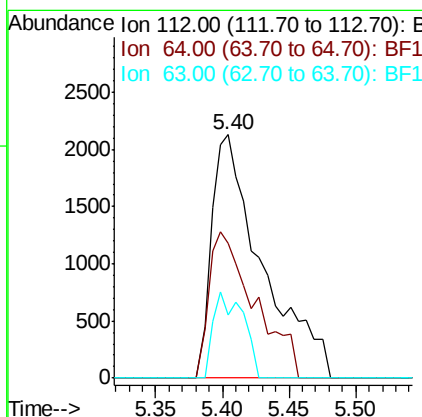
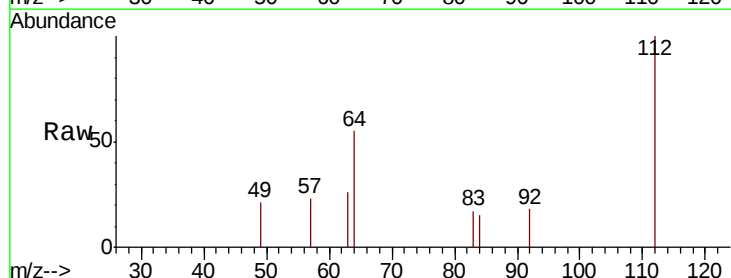
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.3	187.9
115	62.3	51.9	77.9



#5

2-Fluorophenol
Concen: 0.806 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF121911.D
Acq: 9 Oct 2020 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	50.4	75.6
63	26.0	25.8	38.6





#7

Phenol-d6

Concen: 0.888 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.03 min

Lab File: BF121911.D

Acq: 9 Oct 2020 17:44

Instrument :

BNA_F

ClientSampleId :

215620

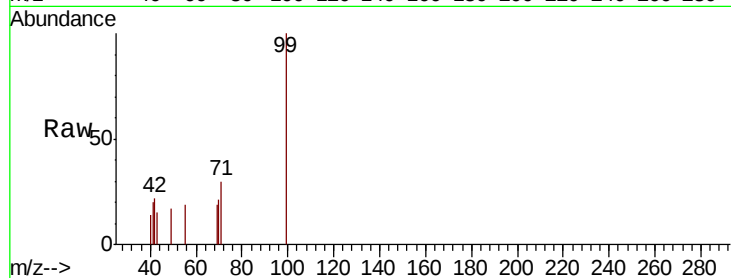
Tot Ion: 99 Resp: 8136

Ion Ratio Lower Upper

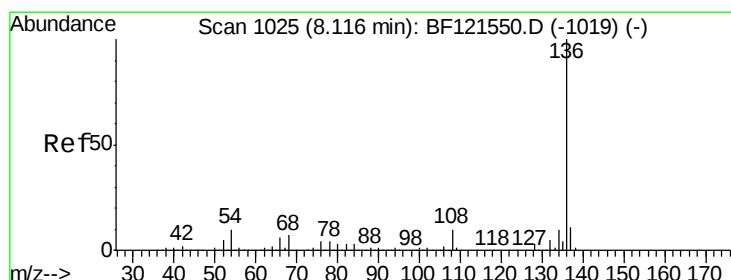
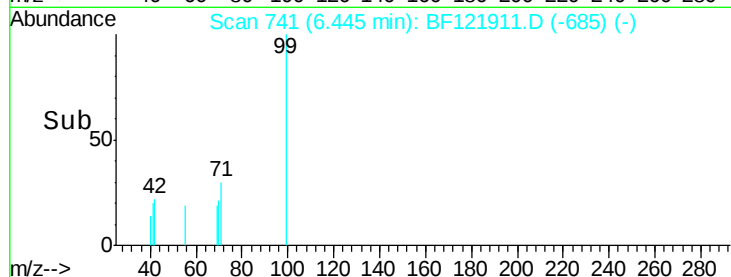
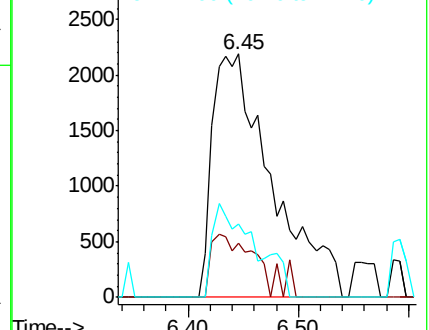
99 100

42 22.3 15.9 23.9

71 30.3 27.1 40.7



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: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121911.D

Acq: 9 Oct 2020 17:44

Tgt Ion: 136 Resp: 415072

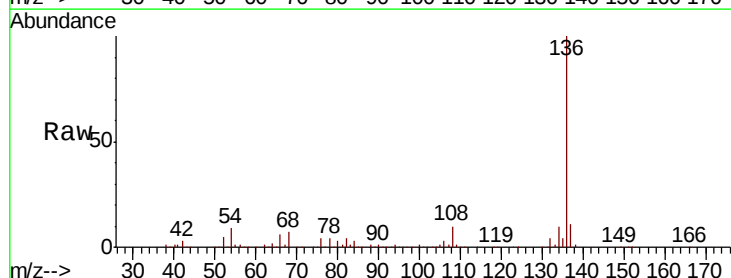
Ion Ratio Lower Upper

136 100

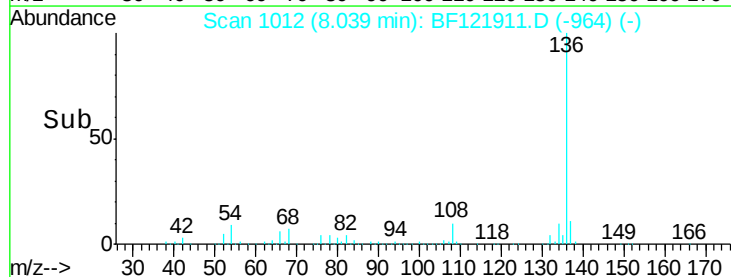
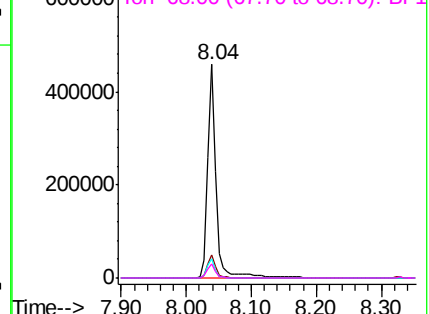
137 11.0 8.6 13.0

54 9.2 7.1 10.7

68 6.8 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

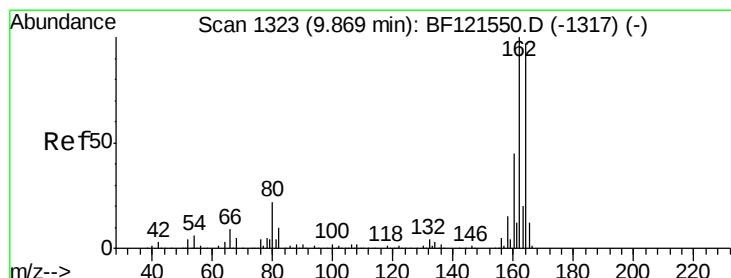
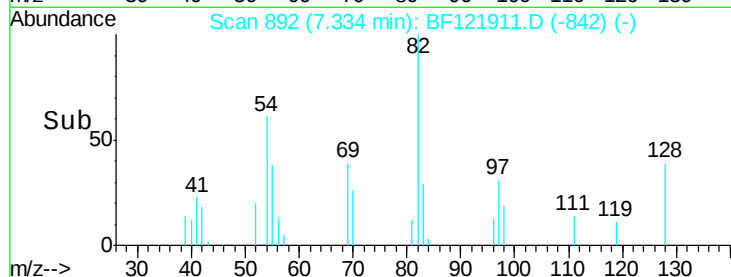
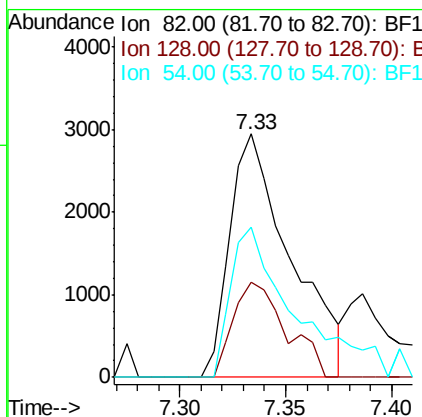
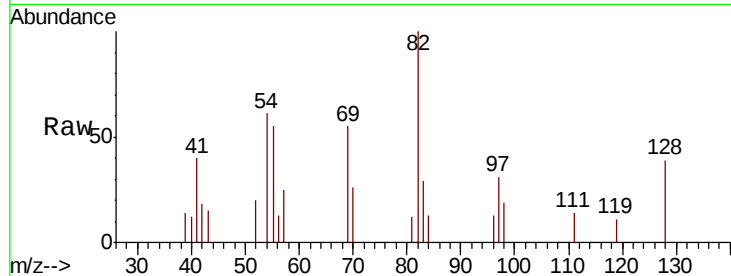




#23
Nitrobenzene-d5
Concen: 0.764 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121911.D
Acq: 9 Oct 2020 17:44

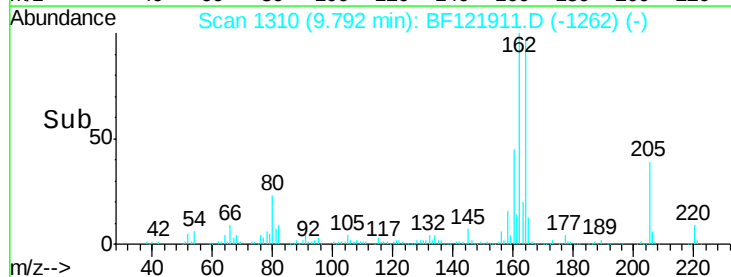
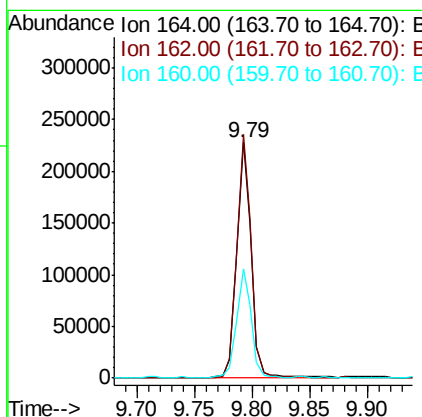
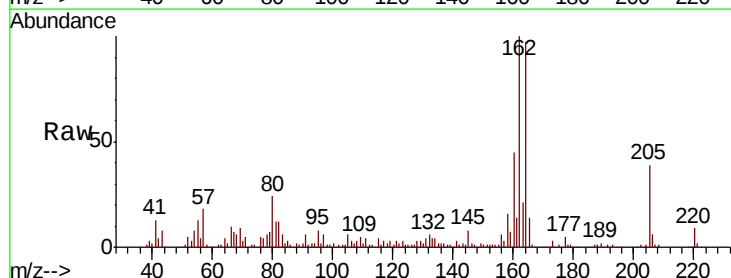
Instrument :
BNA_F
ClientSampleId :
215620

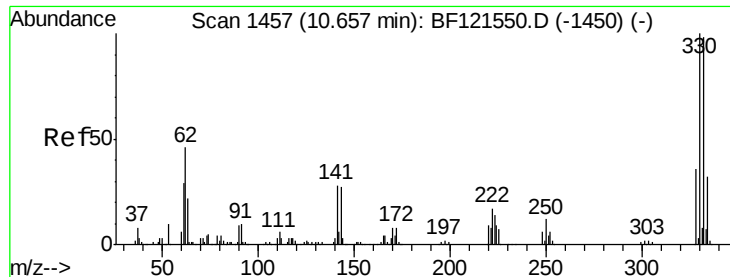
Tot Ion: 82 Resp: 5903
Ion Ratio Lower Upper
82 100
128 39.0 35.0 52.4
54 61.4 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121911.D
Acq: 9 Oct 2020 17:44

Tgt Ion: 164 Resp: 194139
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 46.5 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 0.653 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121911.D

Acq: 9 Oct 2020 17:44

Instrument :

BNA_F

ClientSampleId :

215620

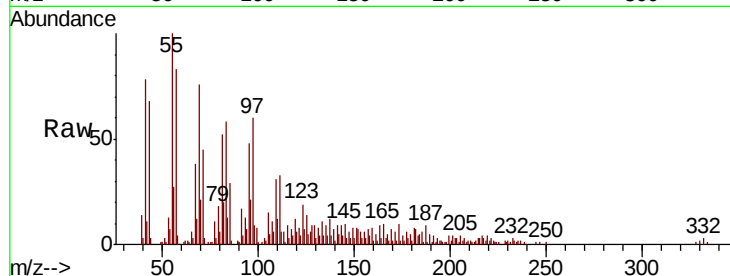
Tot Ion:330 Resp: 1575

Ion Ratio Lower Upper

330 100

332 102.2 77.3 115.9

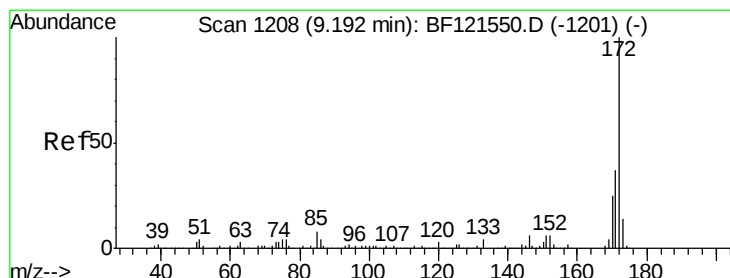
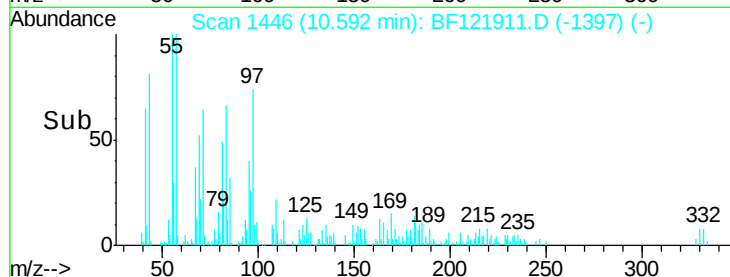
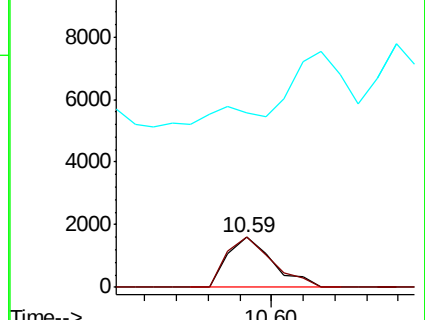
141 0.0 22.3 33.5#



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: 1.158 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121911.D

Acq: 9 Oct 2020 17:44

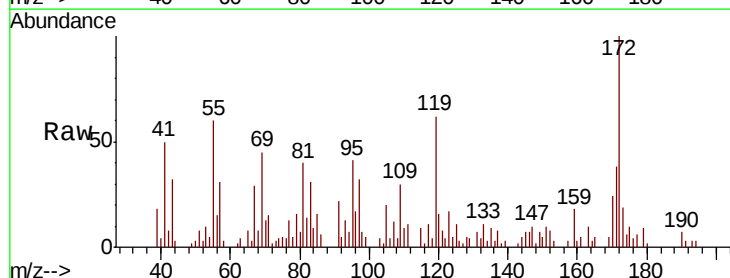
Tgt Ion:172 Resp: 14841

Ion Ratio Lower Upper

172 100

171 38.4 29.1 43.7

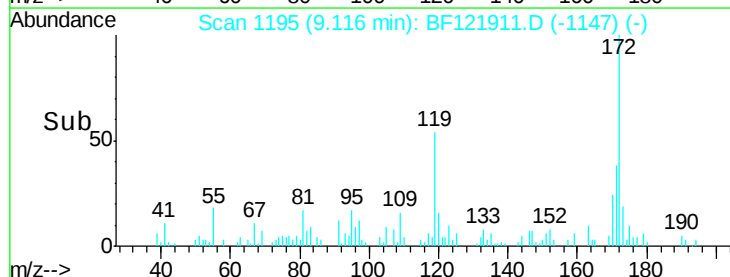
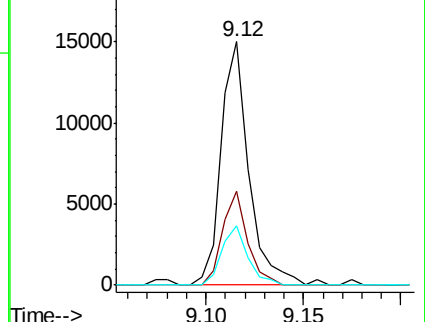
170 24.4 19.8 29.6

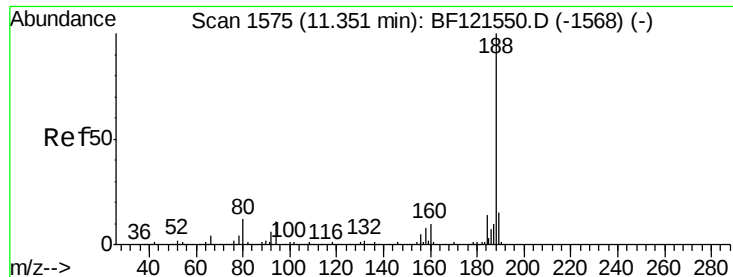


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

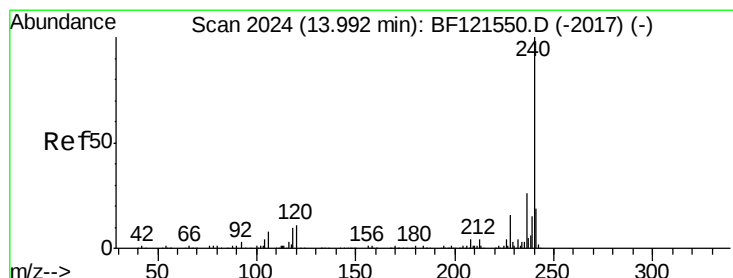
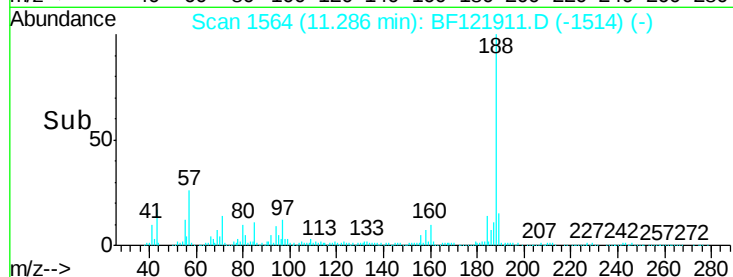
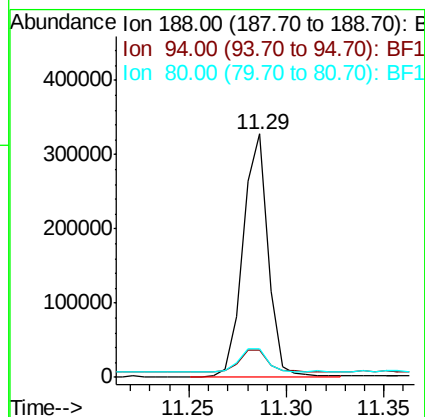
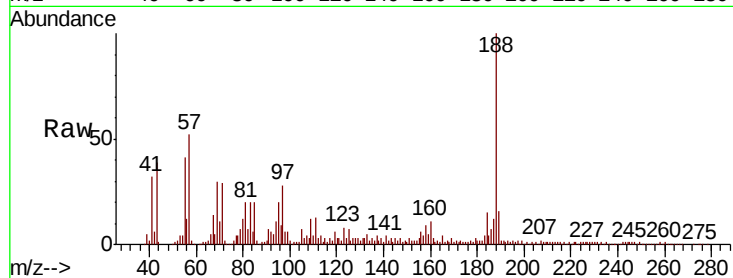




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121911.D
Acq: 9 Oct 2020 17:44

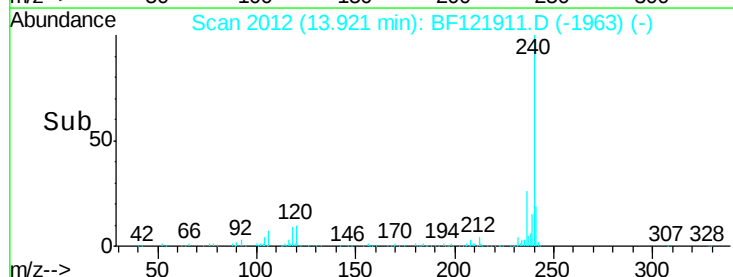
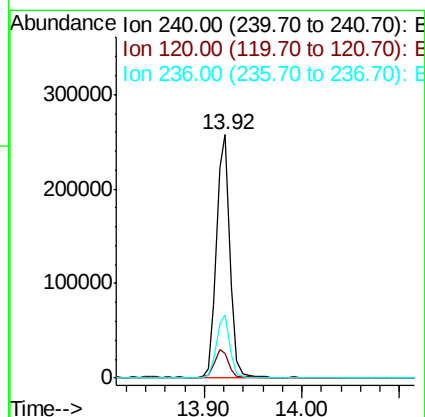
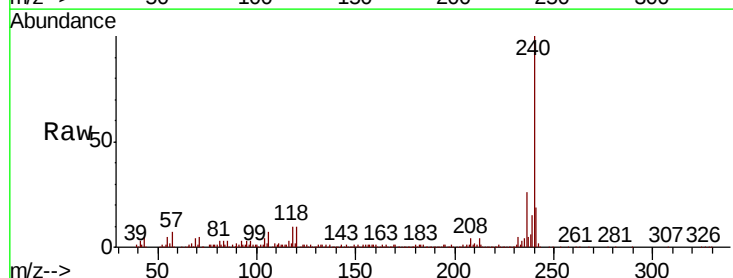
Instrument :
BNA_F
ClientSampleId :
215620

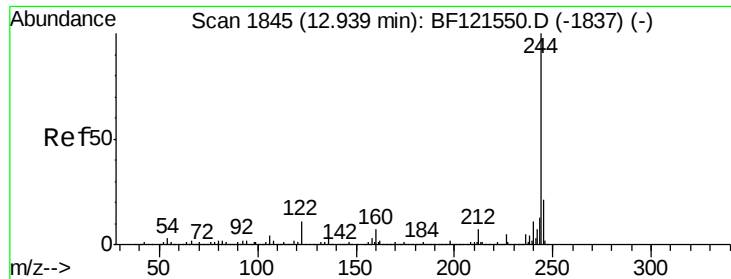
Tot Ion:188 Resp: 288757
Ion Ratio Lower Upper
188 100
94 11.2 8.3 12.5
80 11.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121911.D
Acq: 9 Oct 2020 17:44

Tgt Ion:240 Resp: 247127
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 0.998 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121911.D

Acq: 9 Oct 2020 17:44

Instrument :

BNA_F

ClientSampleId :

215620

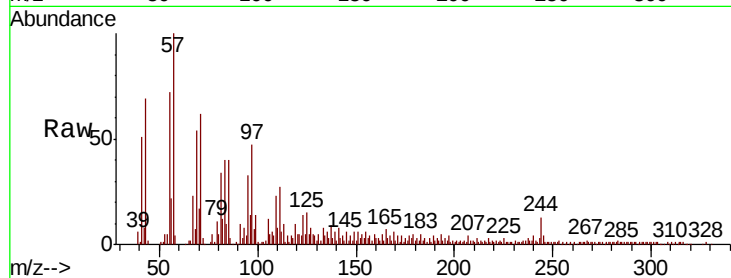
Tot Ion:244 Resp: 12178

Ion Ratio Lower Upper

244 100

212 10.6 5.4 8.2#

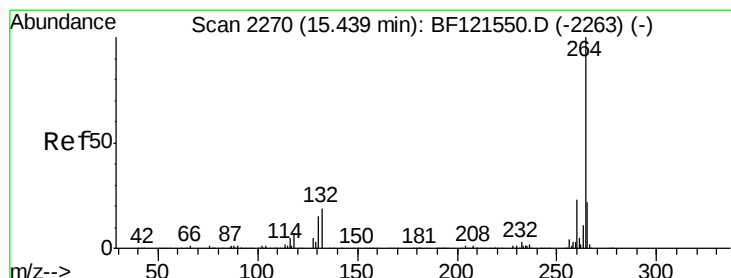
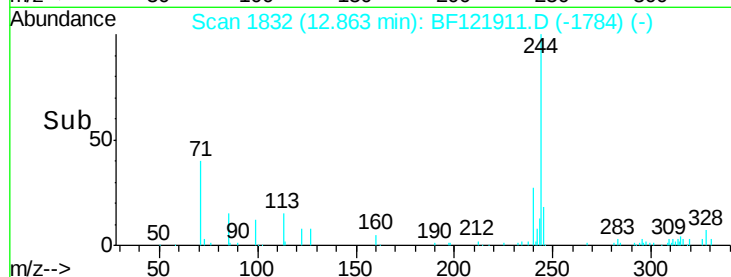
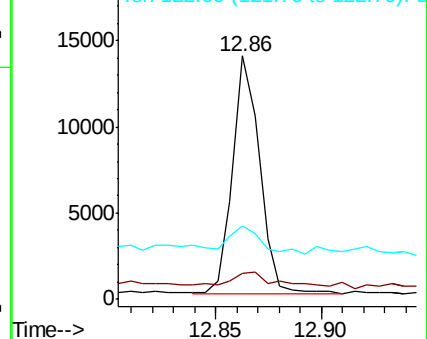
122 30.1 8.1 12.1#



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121911.D

Acq: 9 Oct 2020 17:44

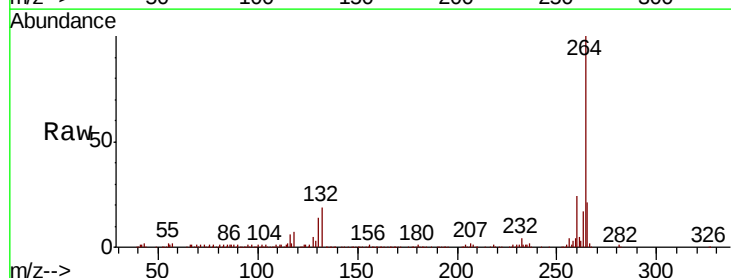
Tgt Ion:264 Resp: 262614

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.4 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

