

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121910.D
 Acq On : 9 Oct 2020 17:13
 Operator : JU/CG
 Sample : L4316-03 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26414

Quant Time: Oct 09 18:06:52 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

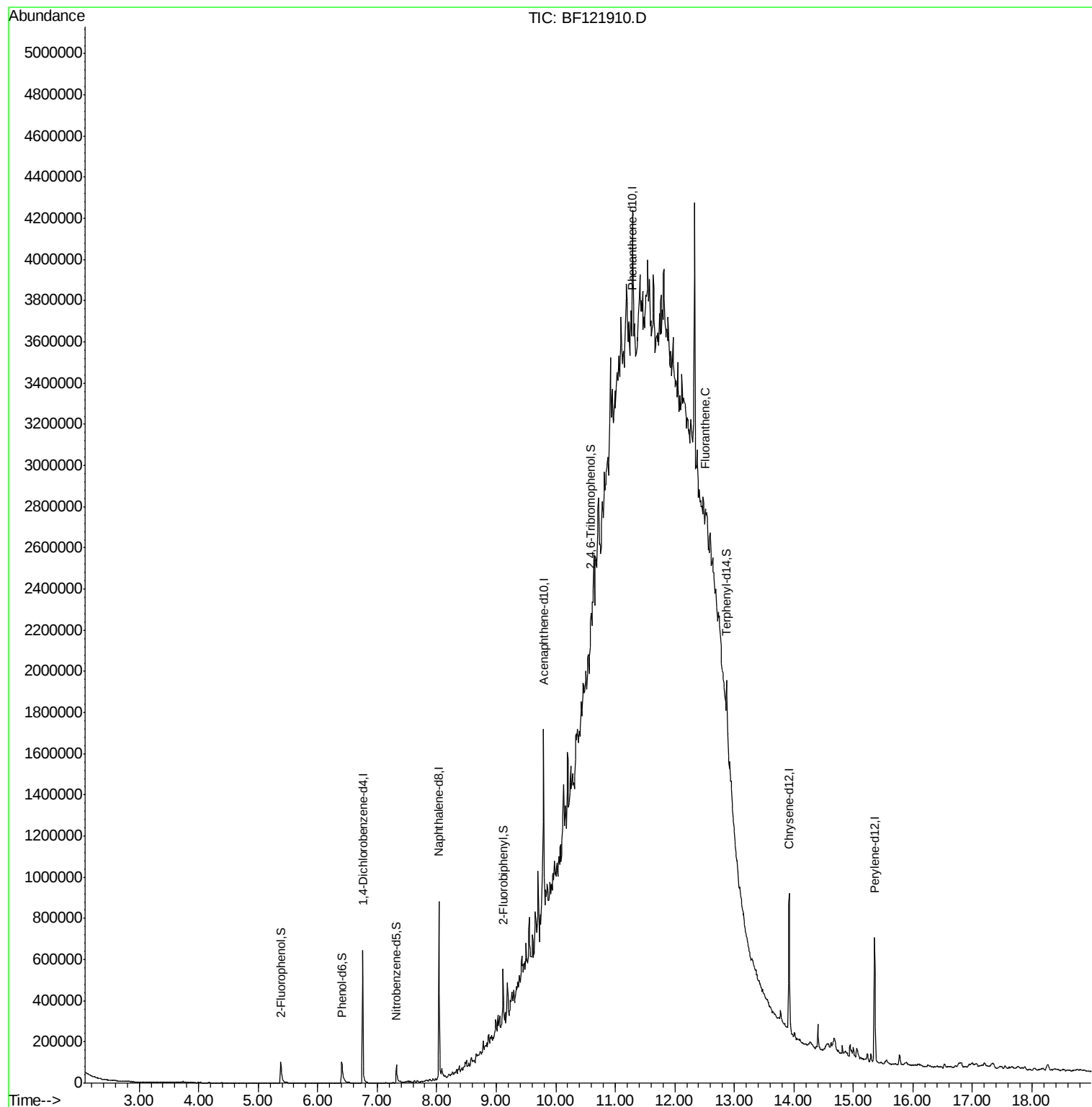
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	101135	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	391038	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	166741	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	226808	20.00	ng	0.00
76) Chrysene-d12	13.92	240	236701	20.00	ng	-0.01
86) Perylene-d12	15.36	264	254258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	51556	7.58	ng	0.00
7) Phenol-d6	6.40	99	68208	7.64	ng	-0.01
23) Nitrobenzene-d5	7.32	82	43520	5.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	15160	7.32	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	92065	8.36	ng	-0.02
79) Terphenyl-d14	12.87	244	65838	5.64	ng	-0.01
Target Compounds						
75) Fluoranthene	12.50	202	27292	2.069	ng	Qvalue 78

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

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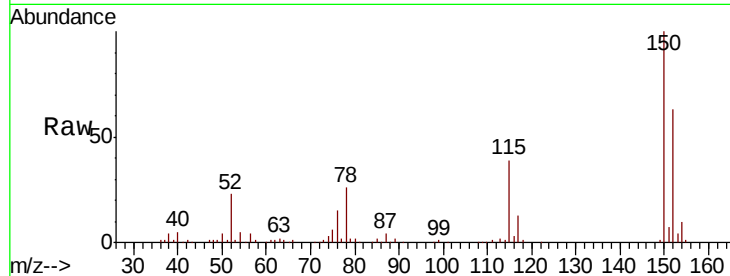


#1

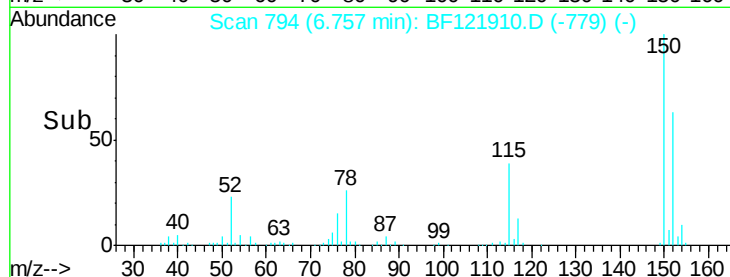
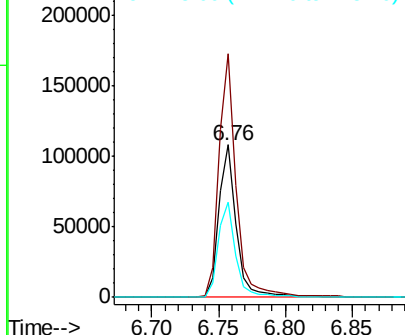
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.3	187.9
115	62.1	51.9	77.9



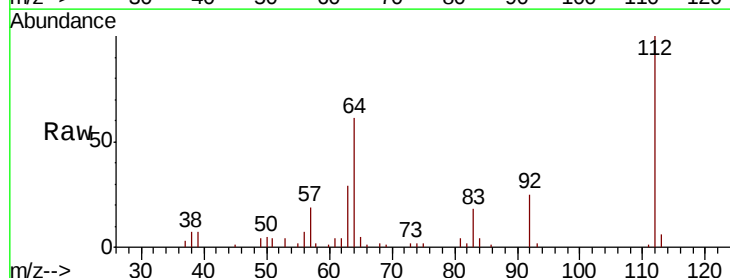
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



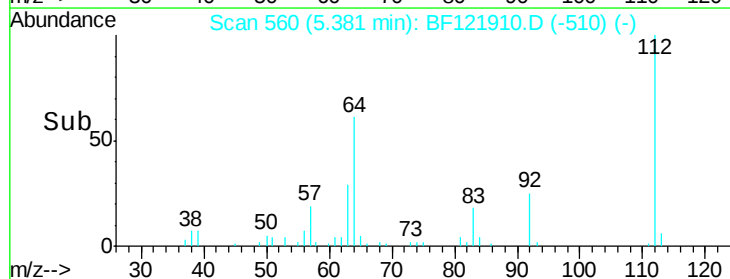
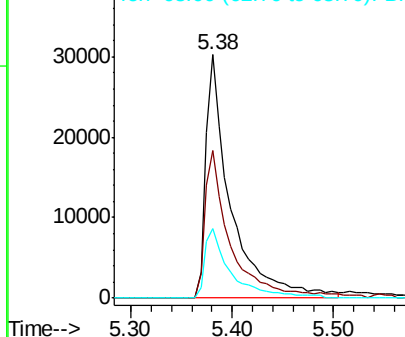
#5

2-Fluorophenol
Concen: 7.576 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.4	75.6
63	28.6	25.8	38.6



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: 7.640 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121910.D

Acq: 9 Oct 2020 17:13

Instrument :

BNA_F

ClientSampleId :

26414

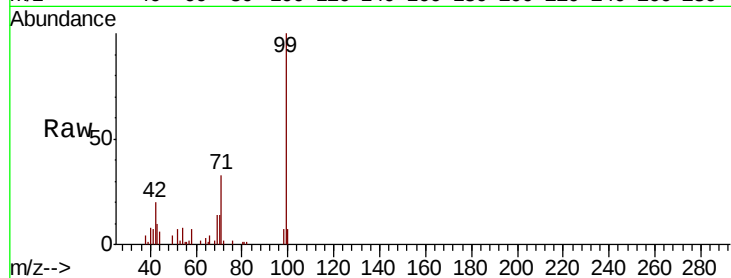
Tot Ion: 99 Resp: 68208

Ion Ratio Lower Upper

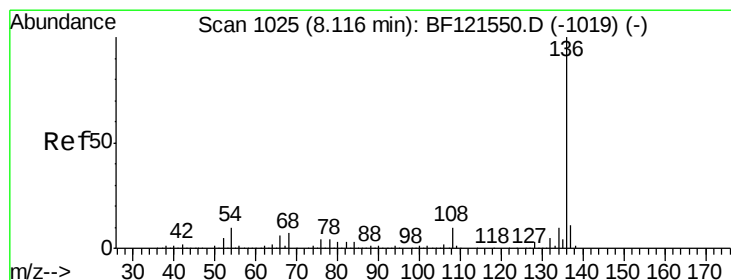
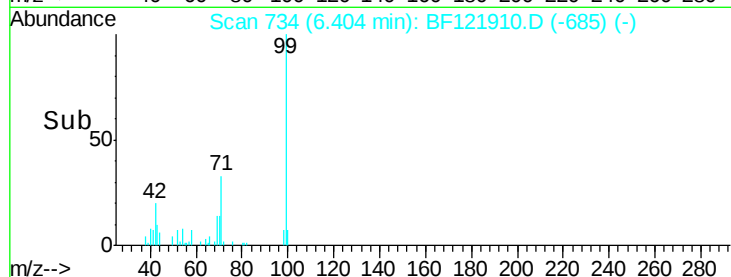
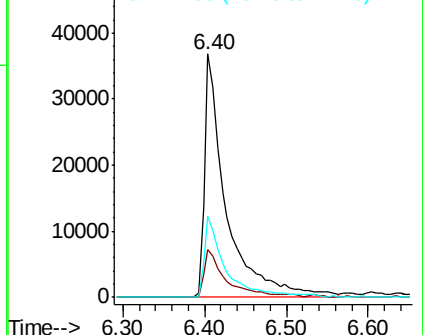
99 100

42 19.6 15.9 23.9

71 33.1 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: BF121910.D

Acq: 9 Oct 2020 17:13

Tgt Ion: 136 Resp: 391038

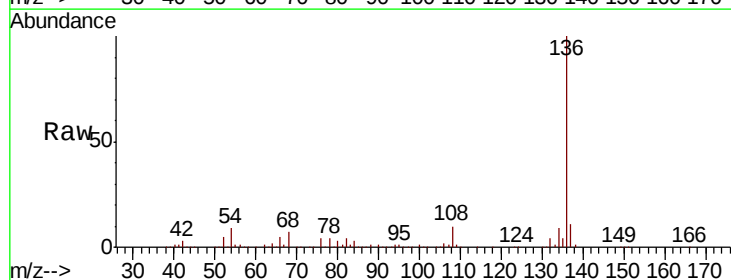
Ion Ratio Lower Upper

136 100

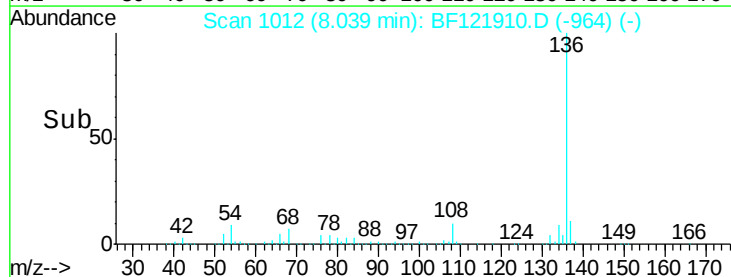
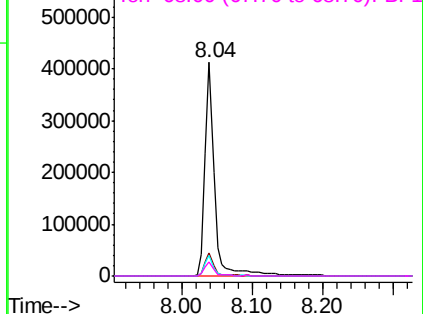
137 10.9 8.6 13.0

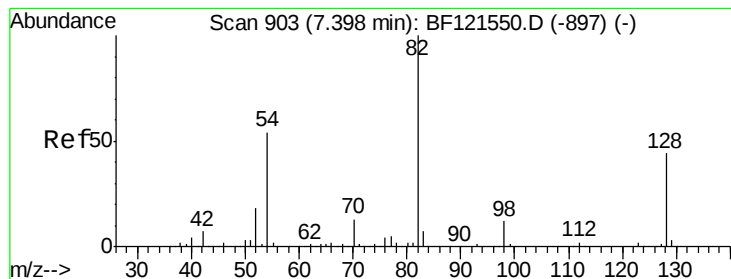
54 9.3 7.1 10.7

68 6.5 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: 5.976 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF121910.D

Acq: 9 Oct 2020 17:13

Instrument :

BNA_F

ClientSampleId :

26414

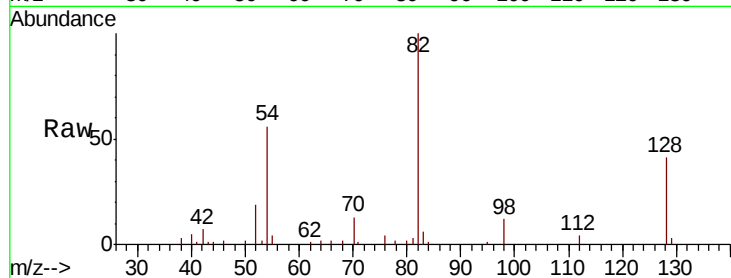
Tot Ion: 82 Resp: 43520

Ion Ratio Lower Upper

82 100

128 41.0 35.0 52.4

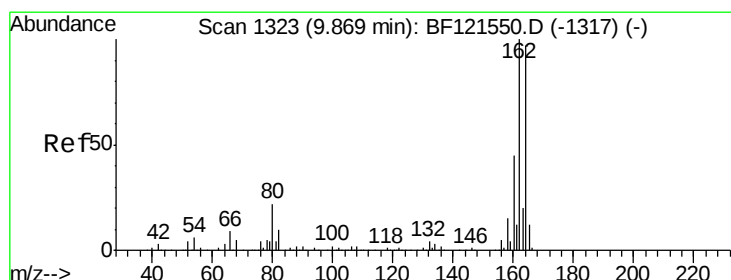
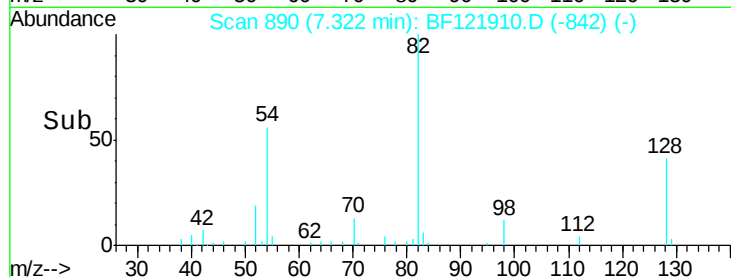
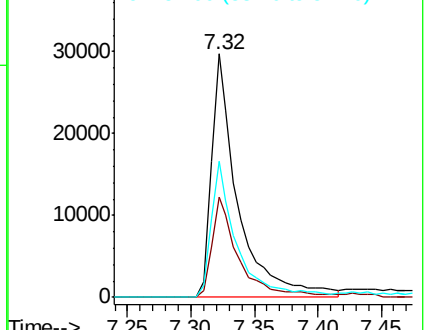
54 56.1 43.9 65.9



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: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF121910.D

Acq: 9 Oct 2020 17:13

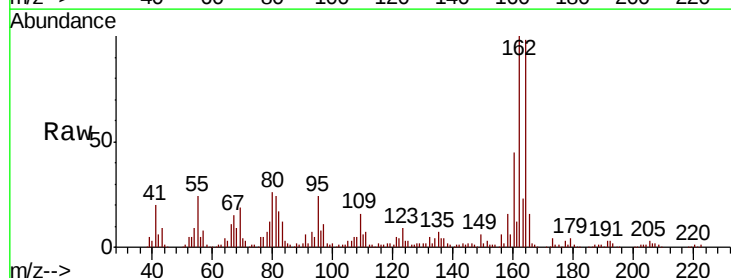
Tgt Ion:164 Resp: 166741

Ion Ratio Lower Upper

164 100

162 102.2 83.2 124.8

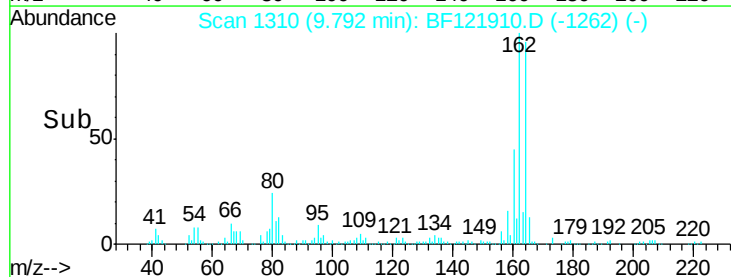
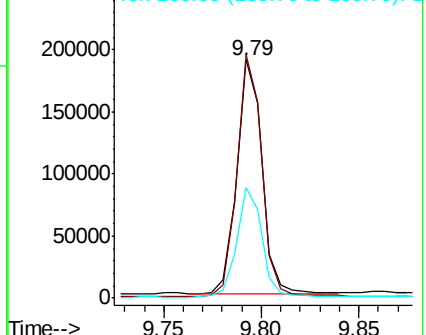
160 46.3 37.5 56.3

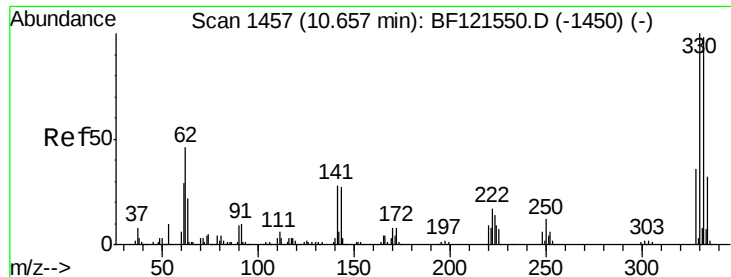


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 7.315 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121910.D

Acq: 9 Oct 2020 17:13

Instrument :

BNA_F

ClientSampleId :

26414

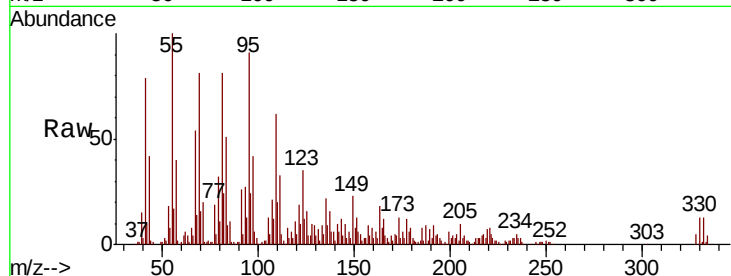
Tot Ion:330 Resp: 15160

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

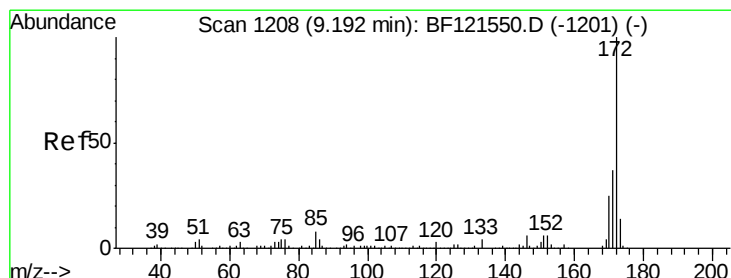
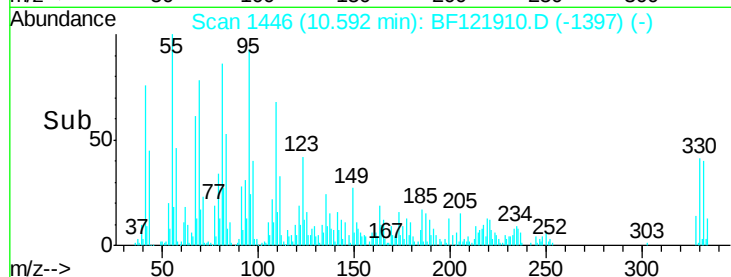
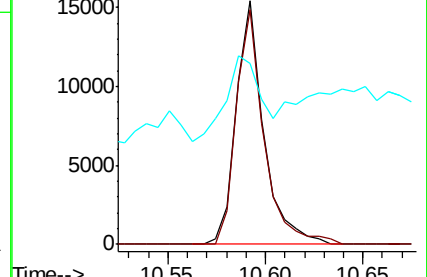
141 44.7 22.3 33.5#



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: 8.362 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121910.D

Acq: 9 Oct 2020 17:13

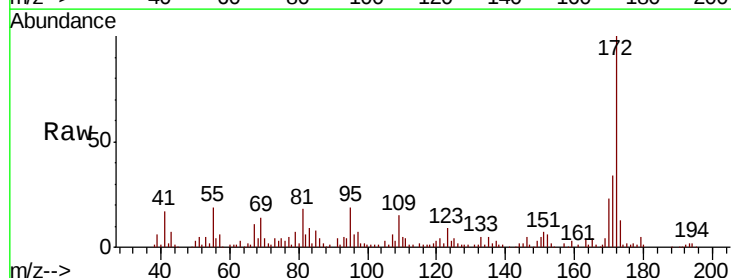
Tgt Ion:172 Resp: 92065

Ion Ratio Lower Upper

172 100

171 33.7 29.1 43.7

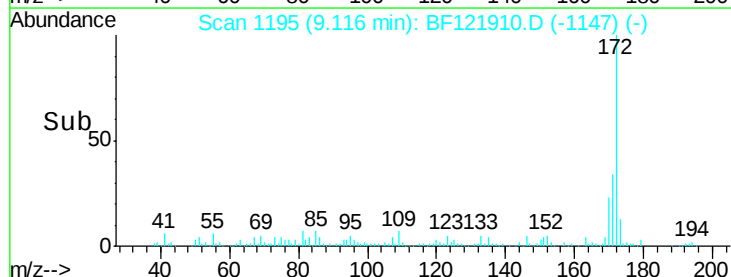
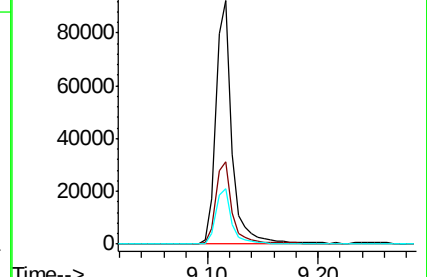
170 22.7 19.8 29.6

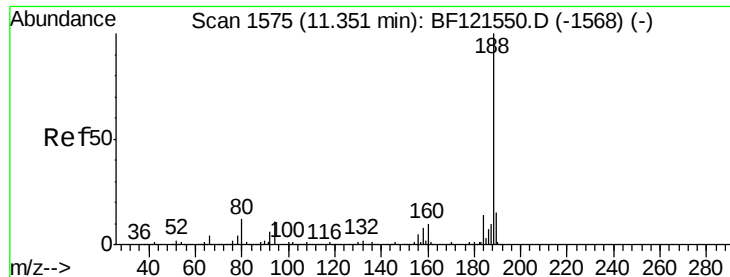


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

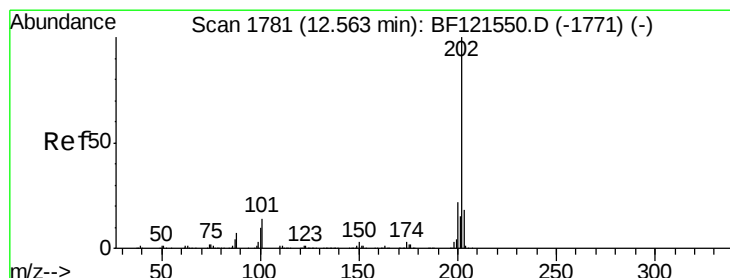
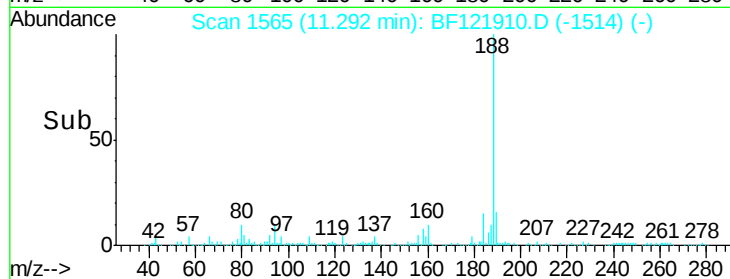
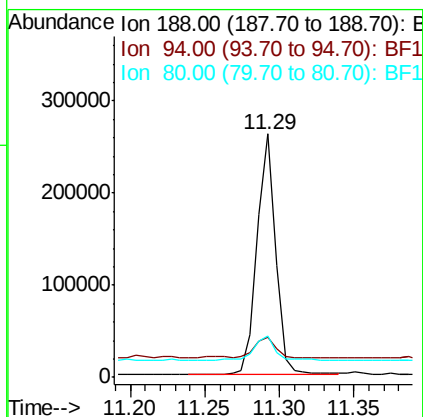
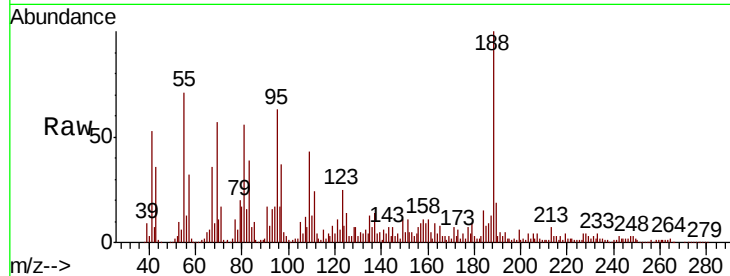




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

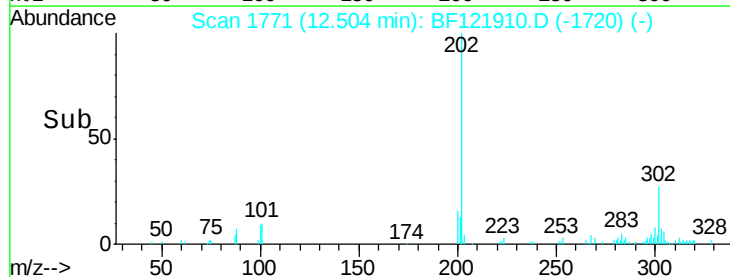
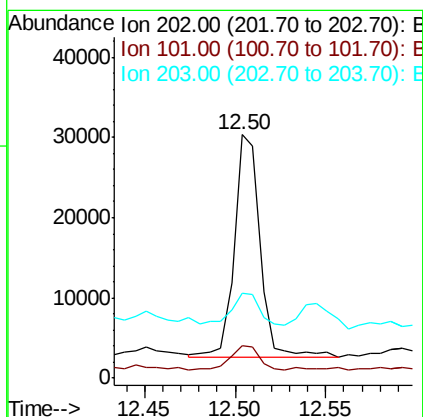
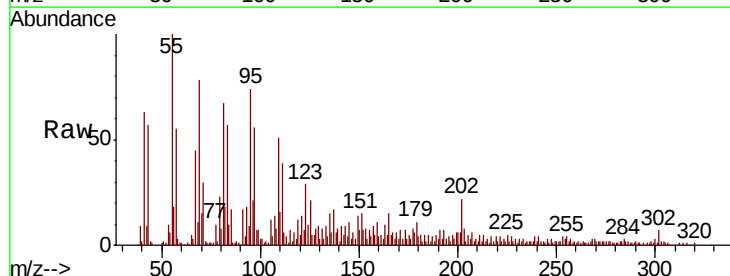
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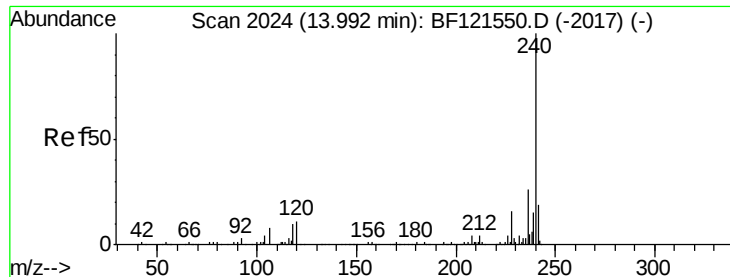
Tot Ion:188 Resp: 226808
Ion Ratio Lower Upper
188 100
94 16.6 8.3 12.5#
80 16.8 9.1 13.7#



#75
Fluoranthene
Concen: 2.069 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

Tgt Ion:202 Resp: 27292
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.4
203 34.8 0.0 37.9

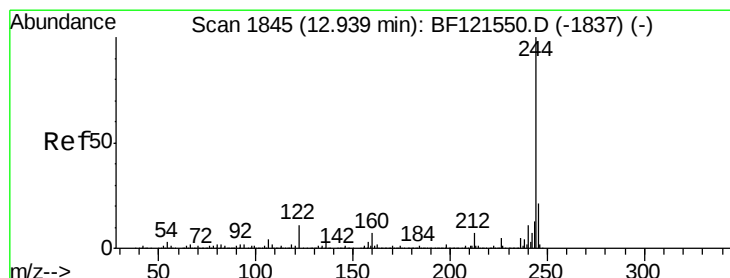
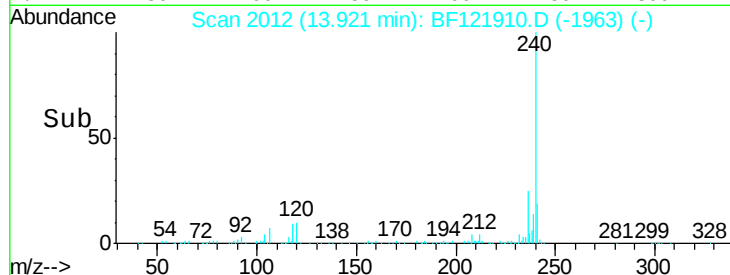
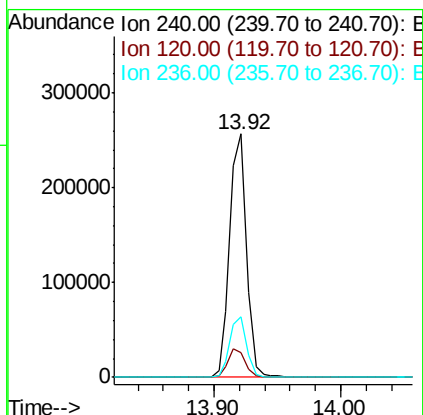
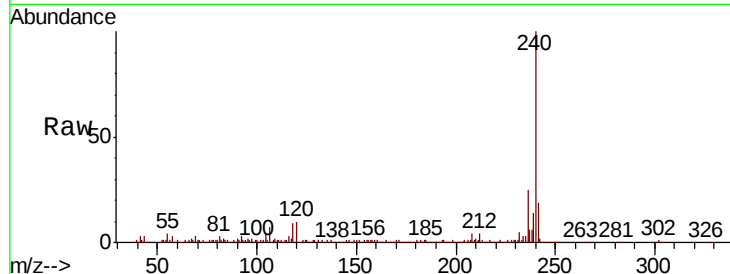




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

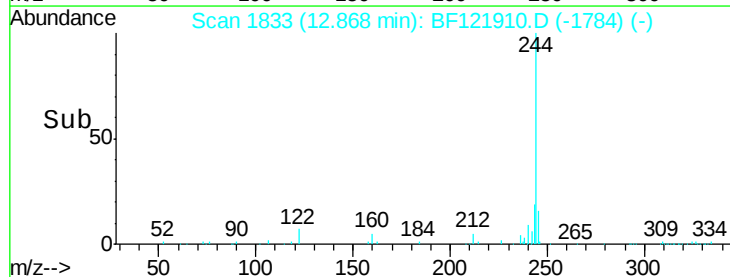
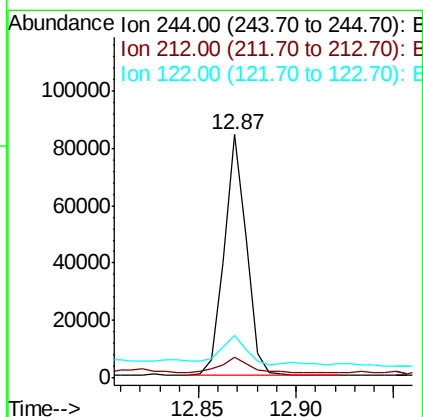
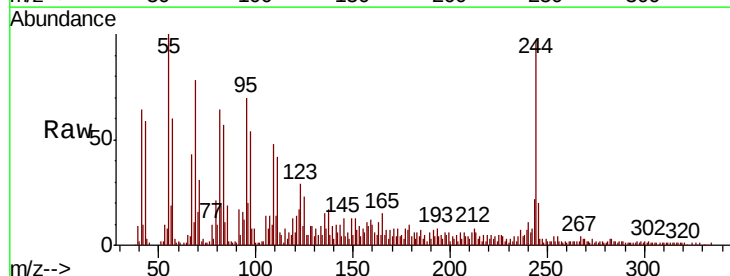
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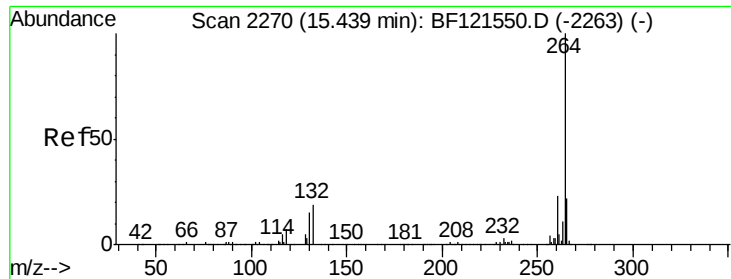
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	25.0	20.9	31.3



#79
Terphenyl-d14
Concen: 5.635 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.4	8.2#
122	17.3	8.1	12.1#

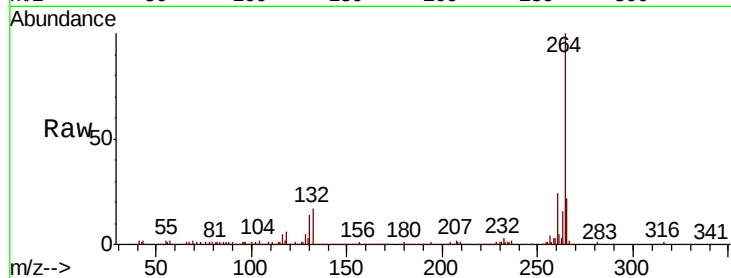




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121910.D
Acq: 9 Oct 2020 17:13

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	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

