

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121610.D
 Acq On : 18 Sep 2020 11:13
 Operator : JU/CG
 Sample : PB131684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Quant Time: Sep 18 11:43:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171062	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	671461	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	359676	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	708106	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	655148	20.00	ng	-0.01
86) Perylene-d12	15.43	264	613785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1064002	92.44	ng	0.01
7) Phenol-d6	6.46	99	1375683	91.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	949644	75.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	456463	102.11	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1738233	73.19	ng	-0.01
79) Terphenyl-d14	12.93	244	2015804	62.33	ng	0.00

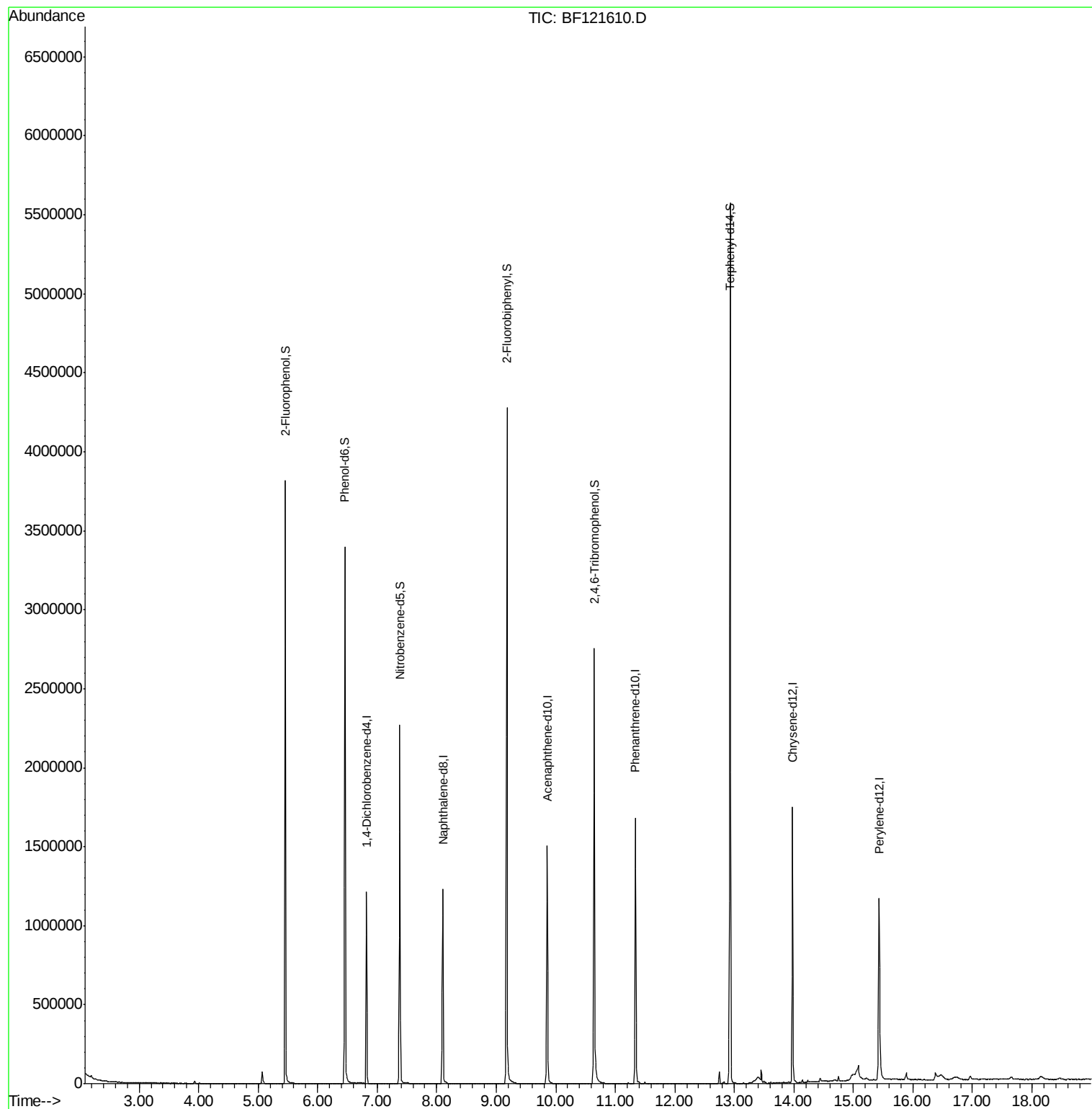
Target Compounds Qvalue

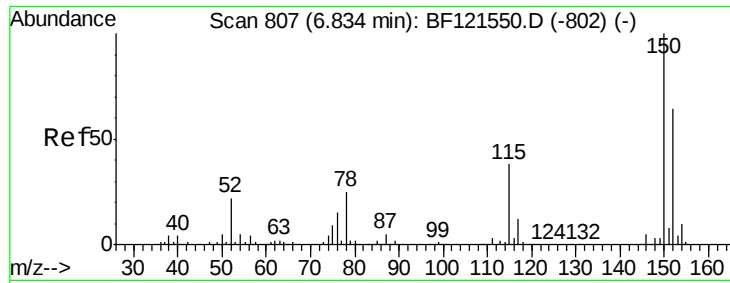
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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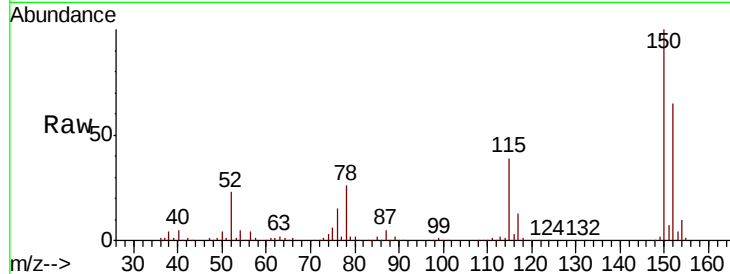


#1

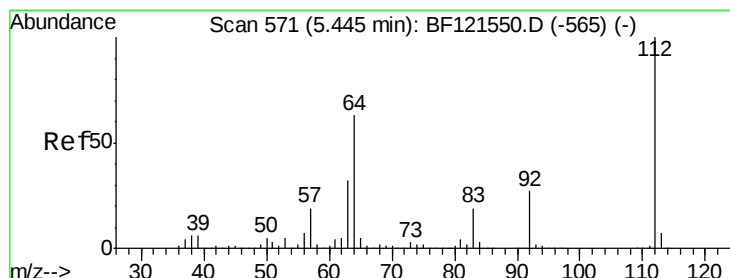
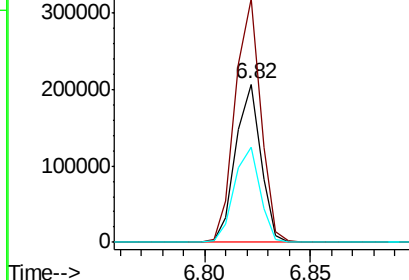
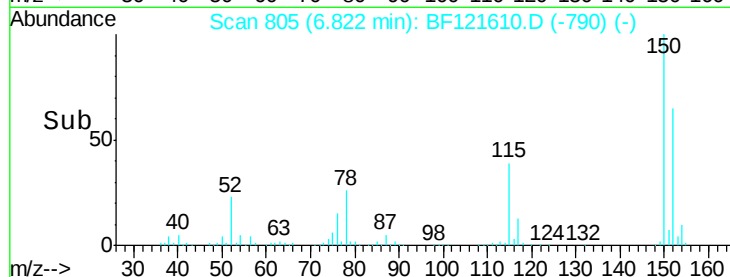
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Instrument :
BNA_F
ClientSampleId :
PB131684BL

Tot Ion:152 Resp: 171062
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 60.4 47.8 71.8



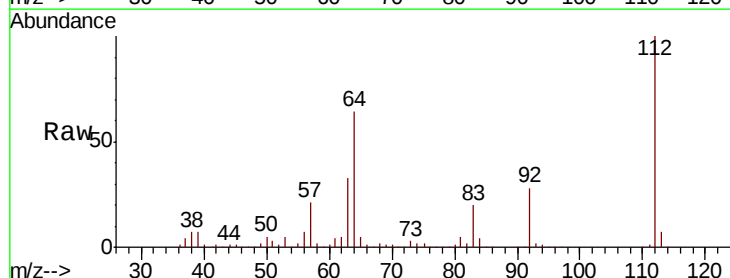
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



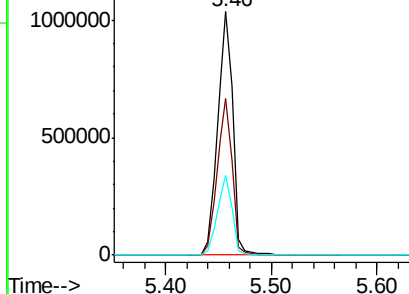
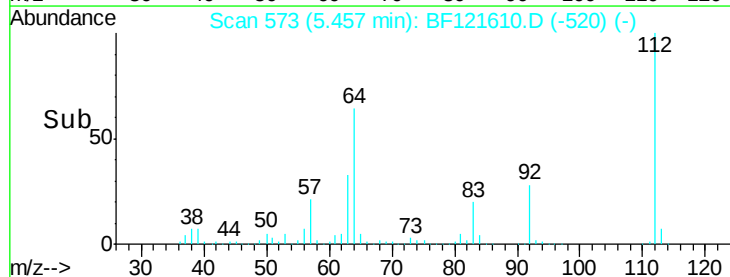
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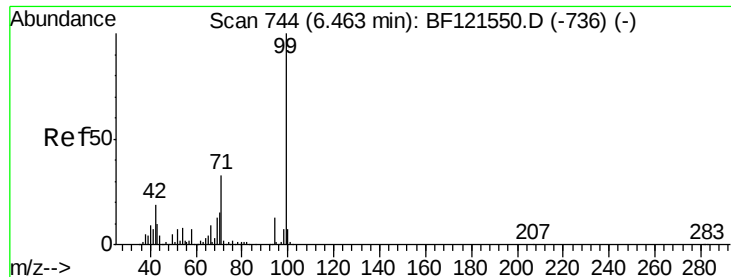
2-Fluorophenol
Concen: 92.437 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Tgt Ion:112 Resp: 1064002
Ion Ratio Lower Upper
112 100
64 64.3 50.3 75.5
63 33.0 25.6 38.4



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: 91.097 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Instrument :

BNA_F

ClientSampleId :

PB131684BL

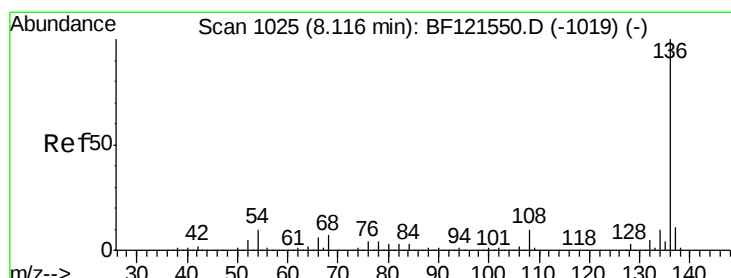
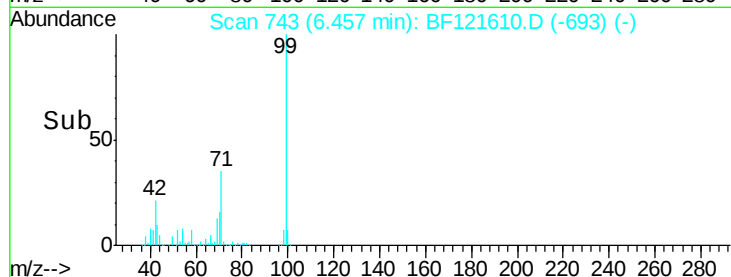
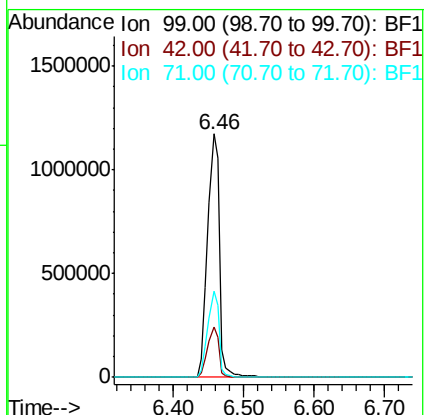
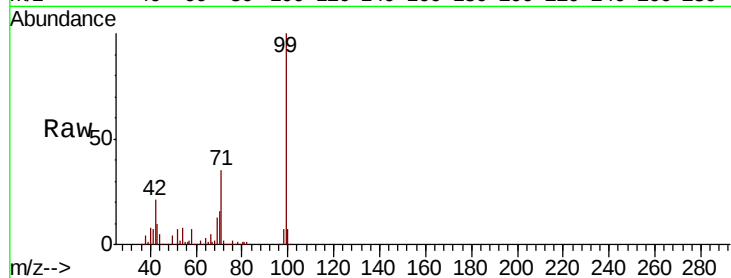
Tot Ion: 99 Resp: 1375683

Ion Ratio Lower Upper

99 100

42 20.5 15.5 23.3

71 35.5 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Tgt Ion: 136 Resp: 671461

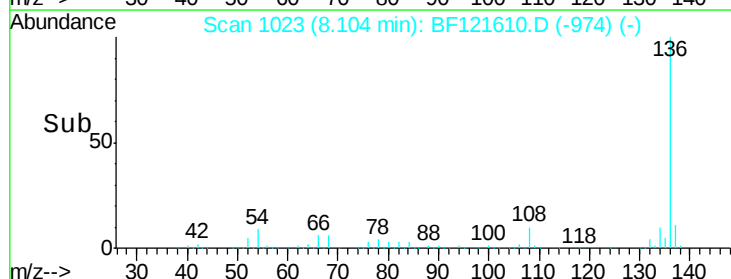
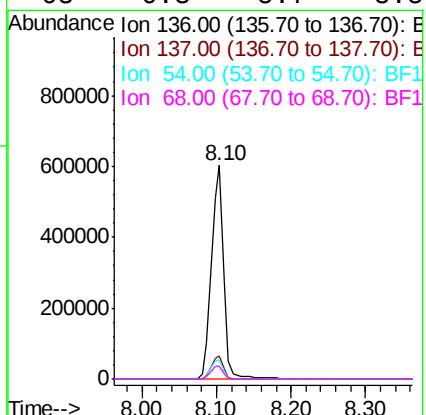
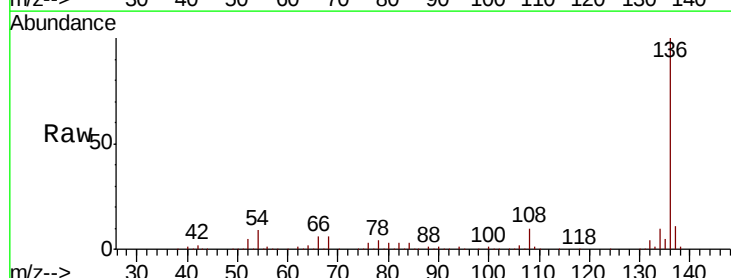
Ion Ratio Lower Upper

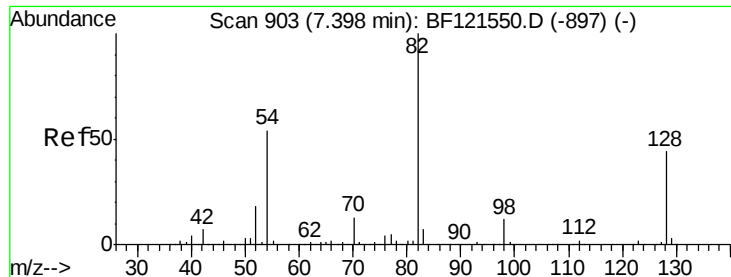
136 100

137 10.8 9.0 13.6

54 9.0 7.6 11.4

68 6.3 5.7 8.5

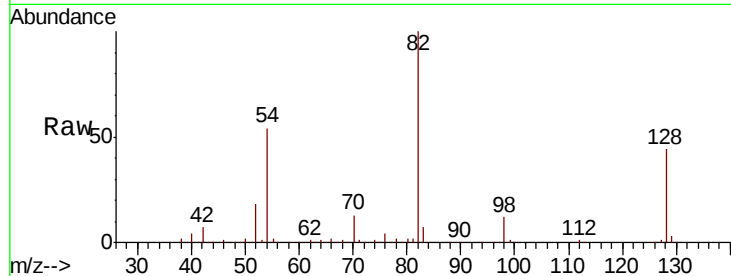




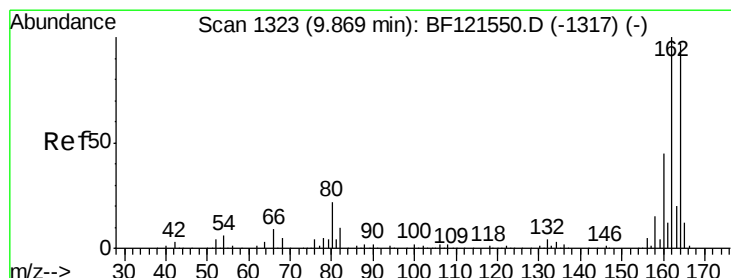
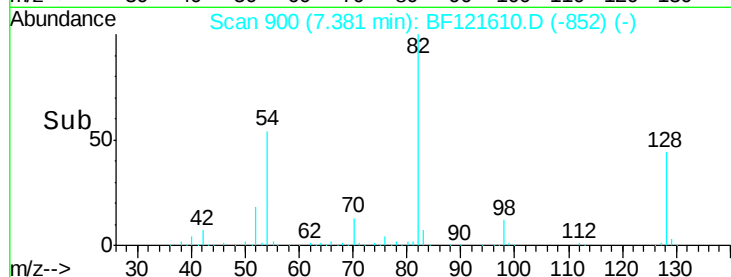
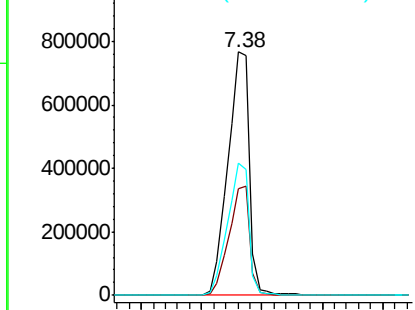
#23
 Nitrobenzene-d5
 Concen: 75.936 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion: 82 Resp: 949644
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.1 52.7
 54 54.2 43.0 64.6

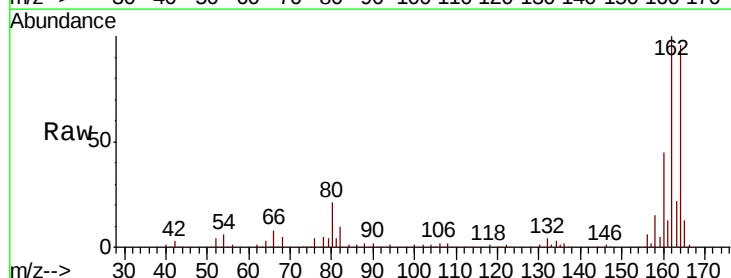


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

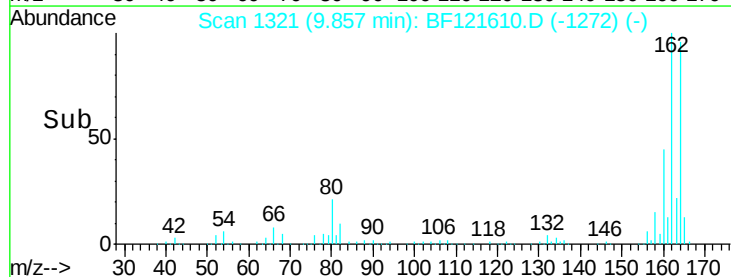
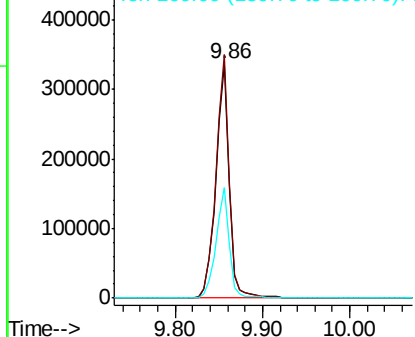


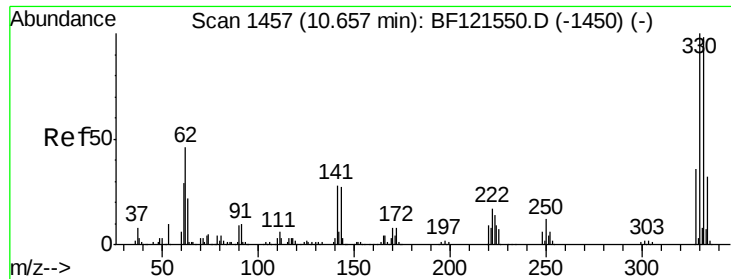
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

Tgt Ion: 164 Resp: 359676
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.3 123.5
 160 47.3 37.0 55.4



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

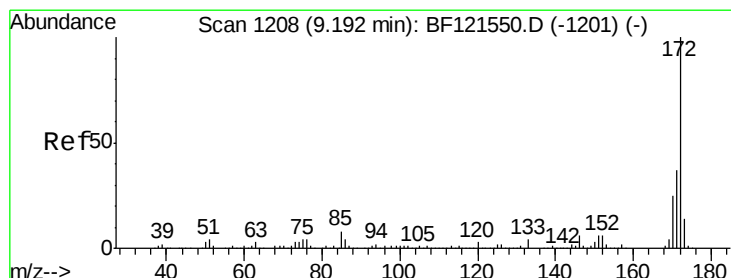
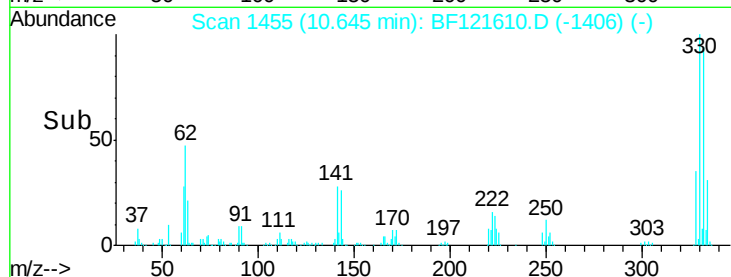
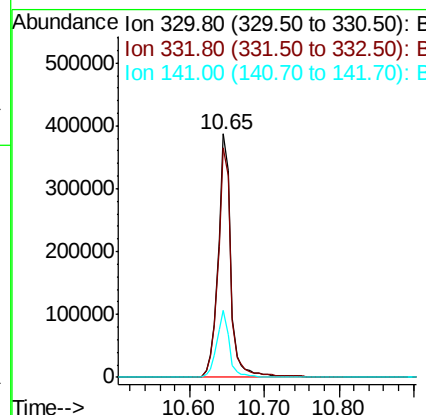
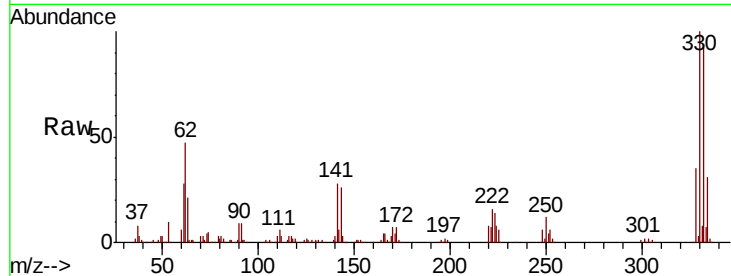




#42
 2,4,6-Tribromophenol
 Concen: 102.110 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

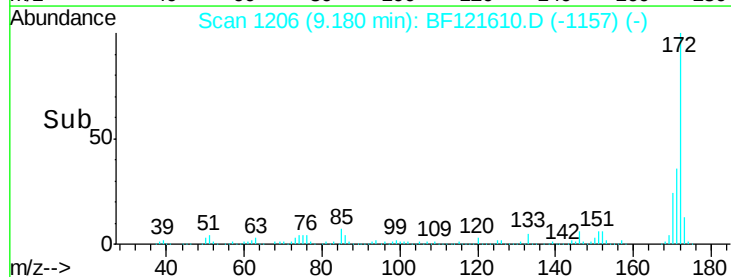
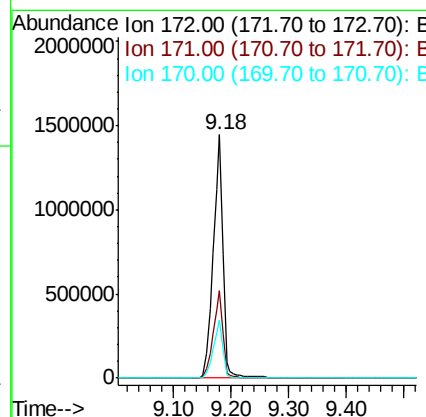
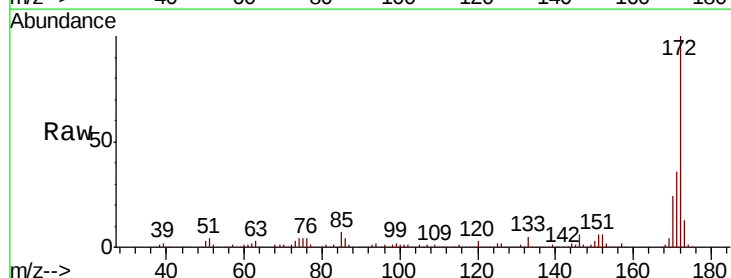
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

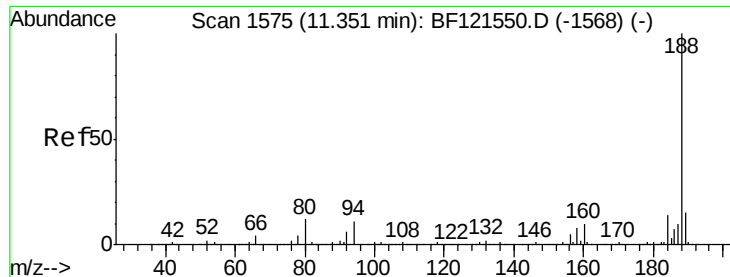
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	27.9	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 73.194 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.0	19.8	29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Instrument :

BNA_F

ClientSampleId :

PB131684BL

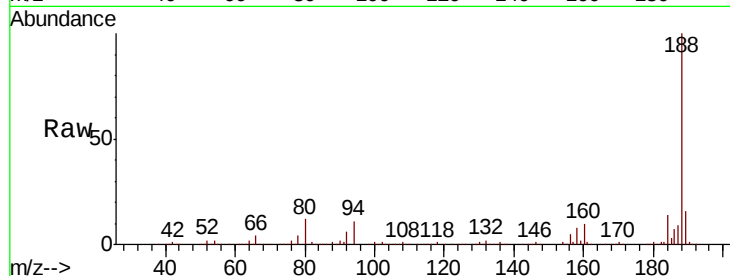
Tot Ion:188 Resp: 708106

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

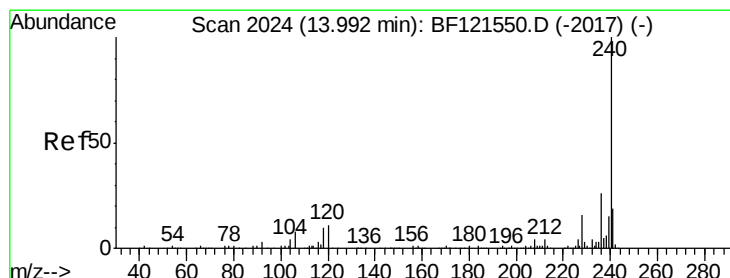
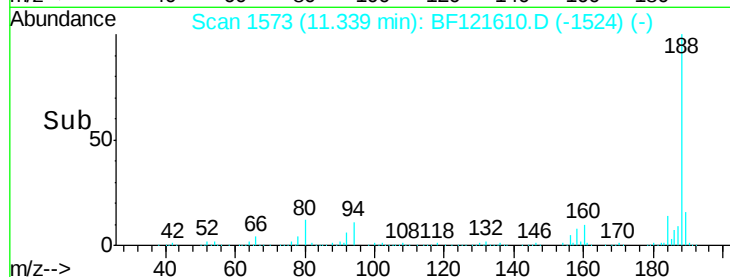
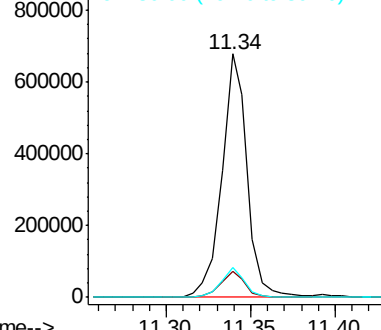
80 12.1 9.3 13.9



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

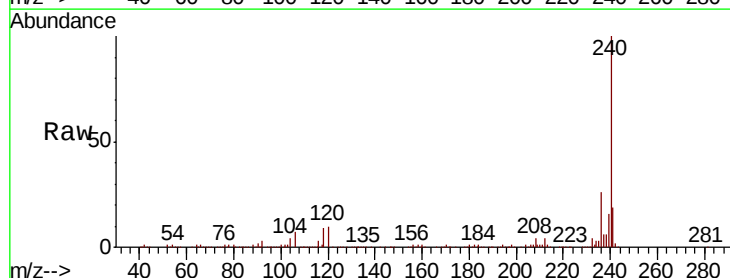
Tgt Ion:240 Resp: 655148

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

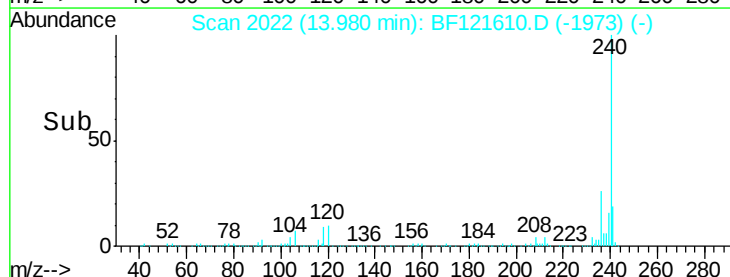
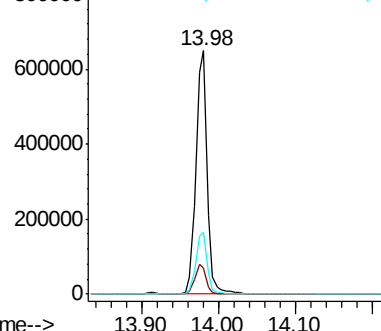
236 25.7 20.5 30.7

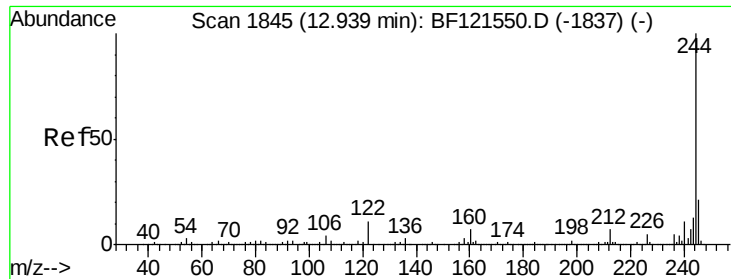


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.334 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Instrument :

BNA_F

ClientSampleId :

PB131684BL

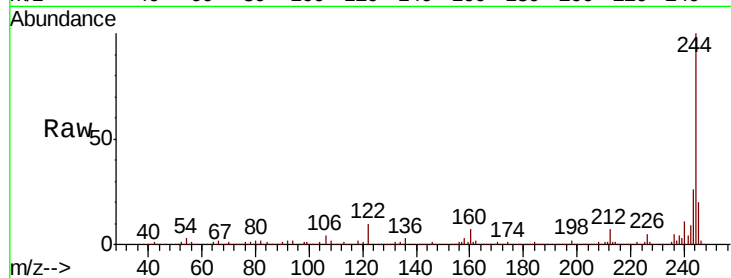
Tot Ion:244 Resp: 2015804

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

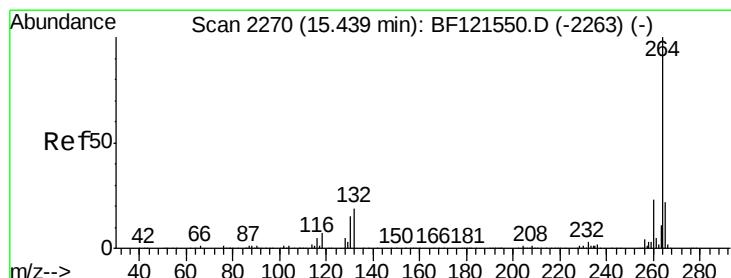
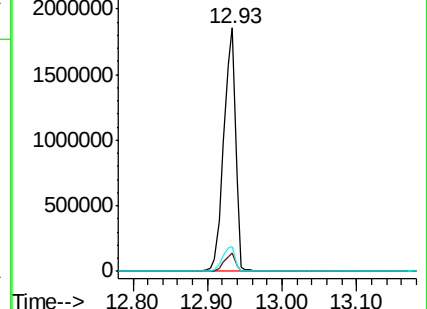
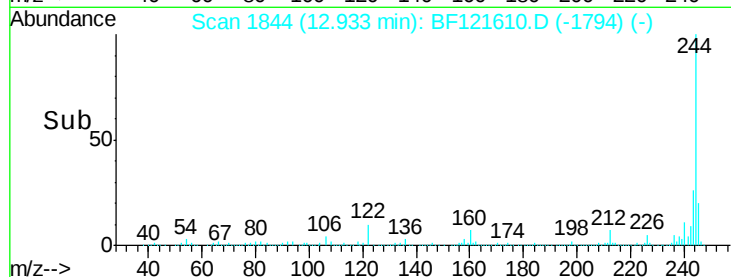
122 10.0 8.7 13.1



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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

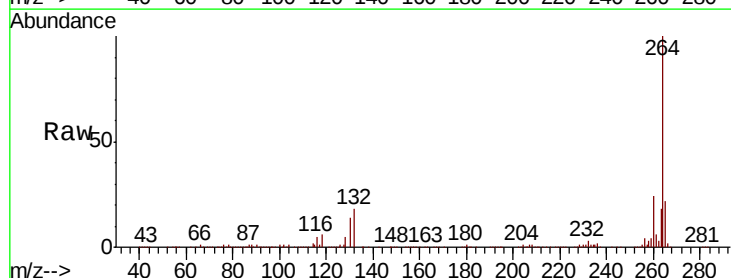
Tgt Ion:264 Resp: 613785

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.7 17.8 26.6



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

