

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121558.D
 Acq On : 14 Sep 2020 13:40
 Operator : JU/CG
 Sample : PB131540BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131540BL

Quant Time: Sep 14 14:10:08 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	6.83	152	246958	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	978673	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	513894	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	983371	20.00	ng	0.00
76) Chrysene-d12	13.98	240	861452	20.00	ng	-0.01
86) Perylene-d12	15.44	264	780406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1318829	79.36	ng	0.01
7) Phenol-d6	6.46	99	1684191	77.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	1130895	62.04	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	517322	81.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2003181	59.04	ng	0.00
79) Terphenyl-d14	12.94	244	2266507	53.30	ng	0.00

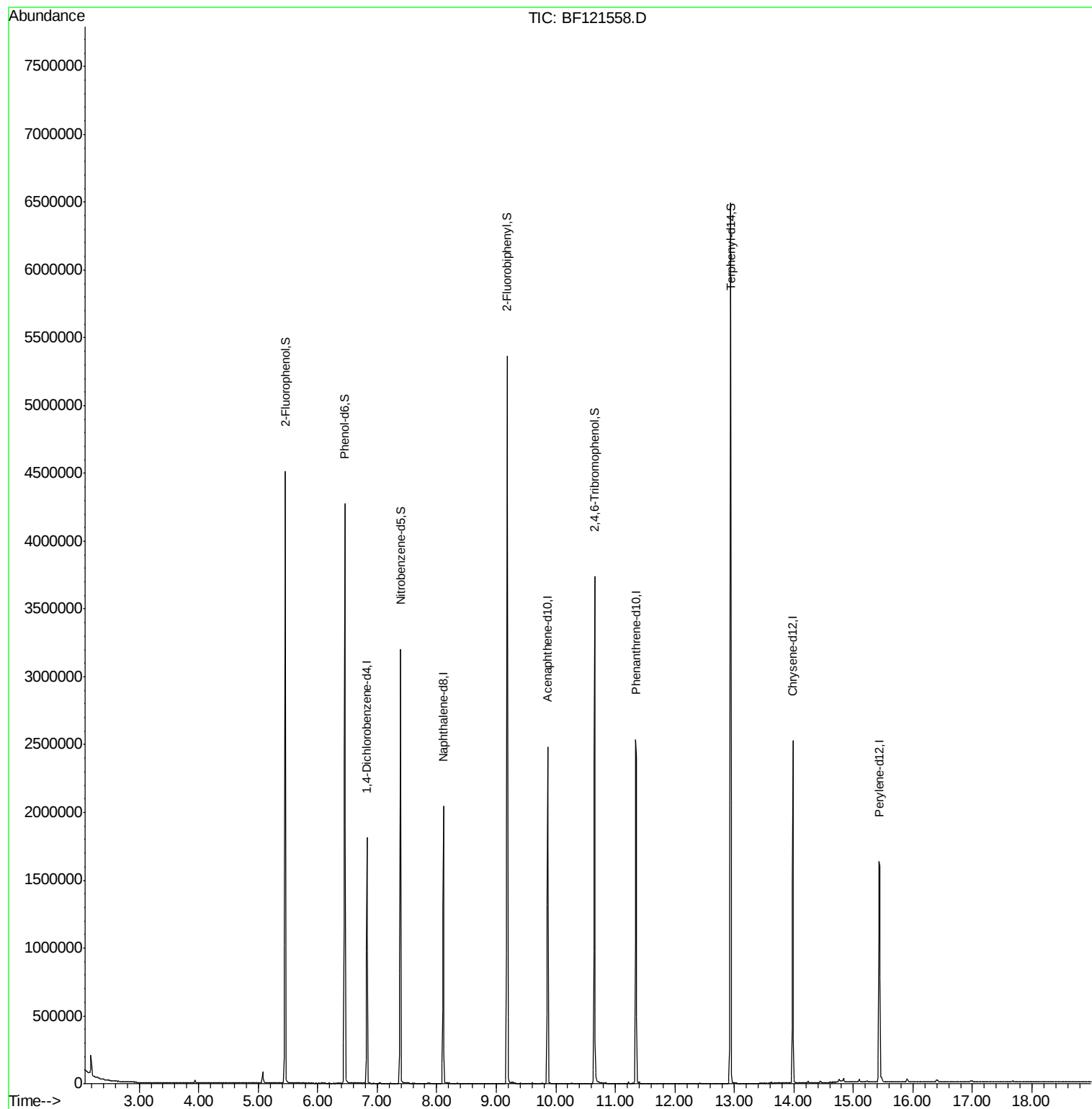
Target Compounds Qvalue

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

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Quant Time: Sep 14 14:10:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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QLast Update : Thu Sep 10 16:47:54 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF121558.D

Acq: 14 Sep 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB131540BL

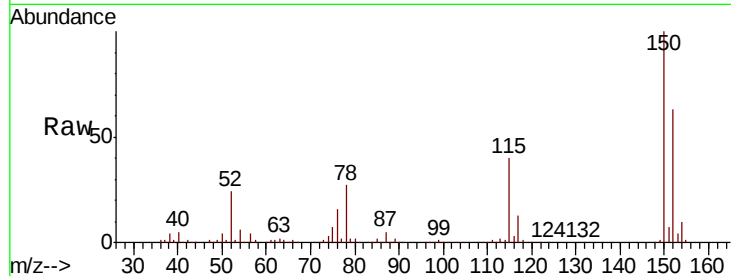
Tot Ion:152 Resp: 246958

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.6

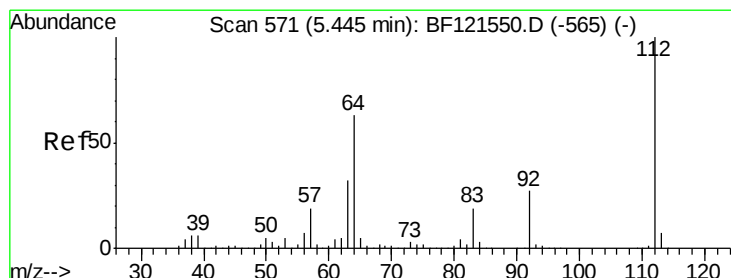
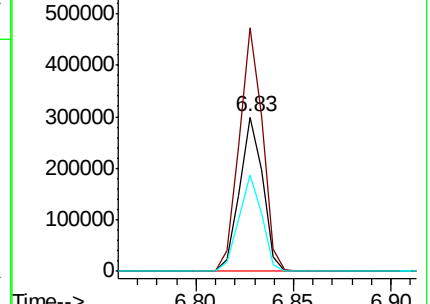
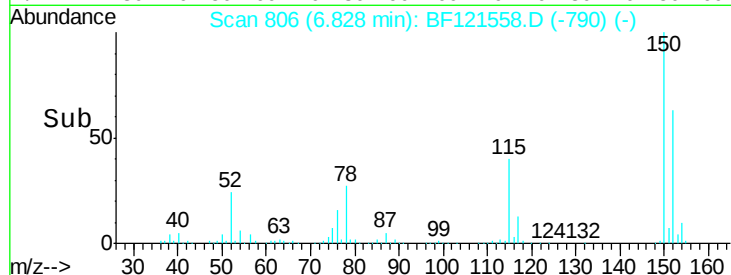
115 62.6 47.8 71.8



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



#5

2-Fluorophenol

Concen: 79.364 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF121558.D

Acq: 14 Sep 2020 13:40

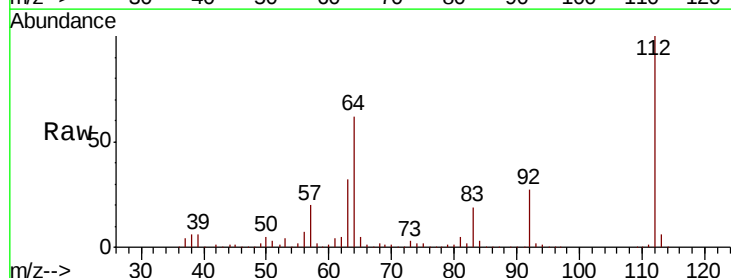
Tgt Ion:112 Resp: 1318829

Ion Ratio Lower Upper

112 100

64 62.5 50.3 75.5

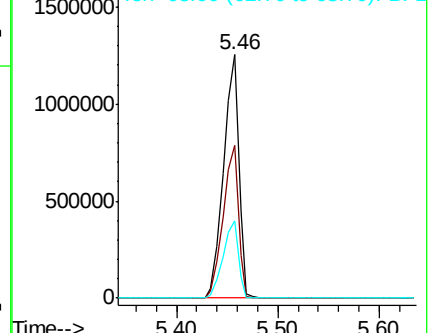
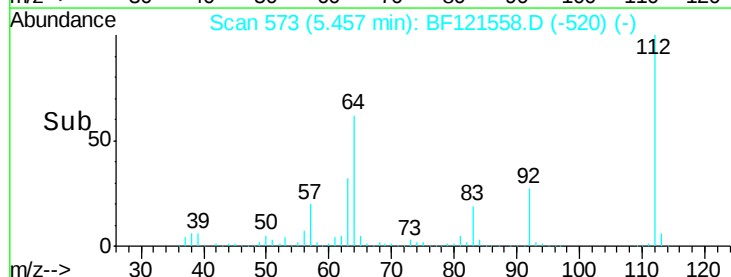
63 32.0 25.6 38.4



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: 77.252 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121558.D

Acq: 14 Sep 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB131540BL

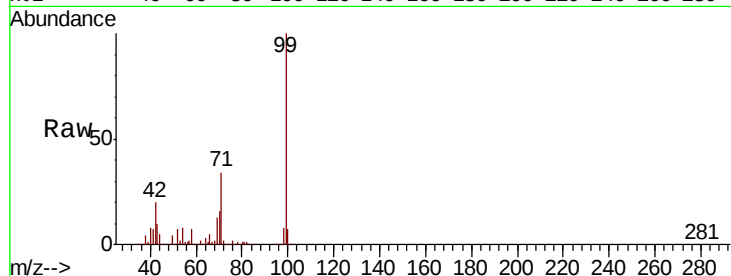
Tot Ion: 99 Resp: 1684191

Ion Ratio Lower Upper

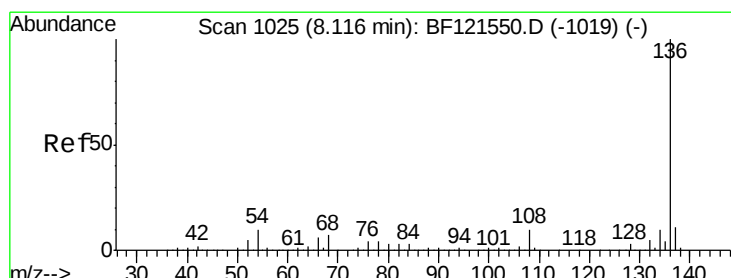
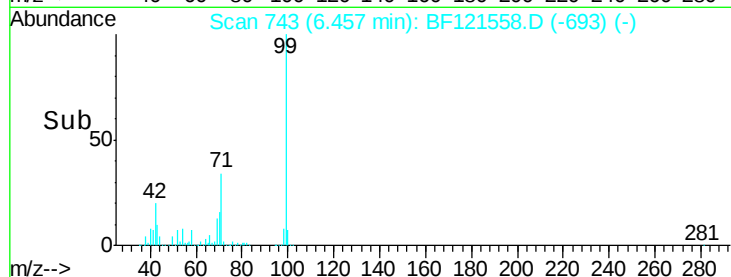
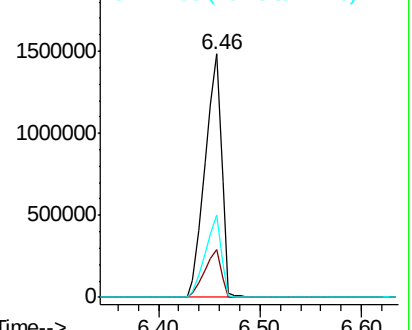
99 100

42 19.8 15.5 23.3

71 33.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF121558.D

Acq: 14 Sep 2020 13:40

Tgt Ion: 136 Resp: 978673

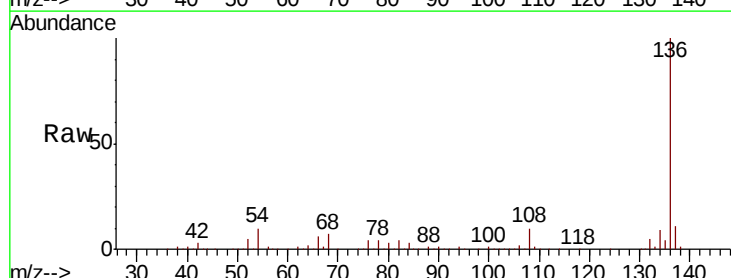
Ion Ratio Lower Upper

136 100

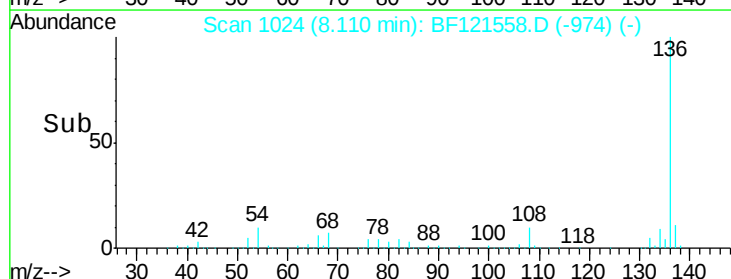
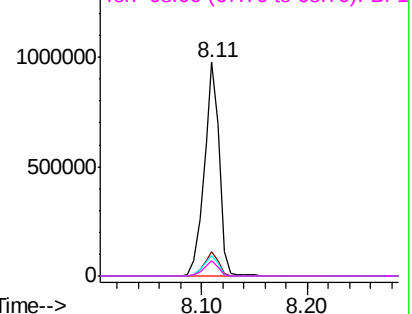
137 11.1 9.0 13.6

54 9.8 7.6 11.4

68 7.3 5.7 8.5



Abundance Ion 136.00 (135.70 to 136.70): E
1500000 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

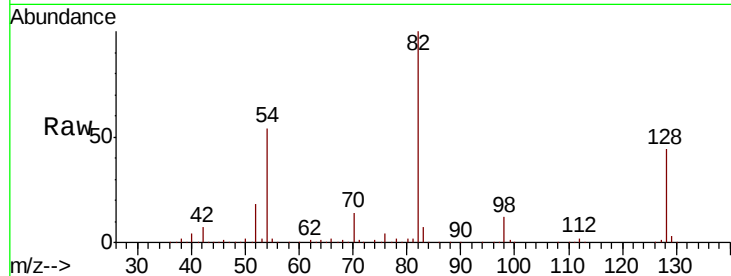




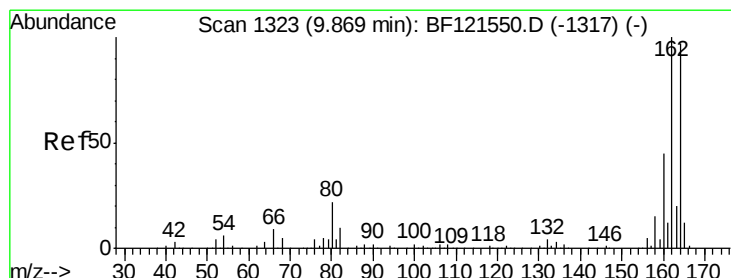
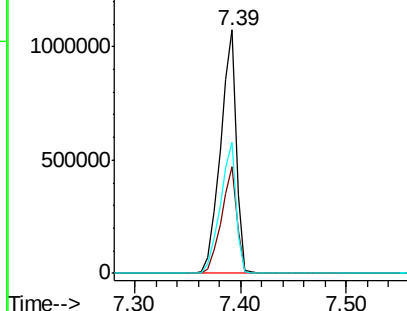
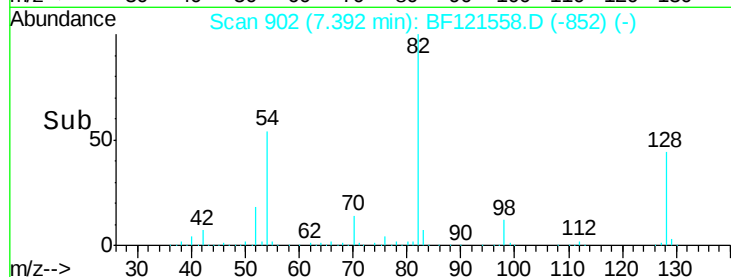
#23
Nitrobenzene-d5
Concen: 62.043 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121558.D
Acq: 14 Sep 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PB131540BL

Tot Ion: 82 Resp: 1130895
Ion Ratio Lower Upper
82 100
128 44.0 35.1 52.7
54 53.6 43.0 64.6

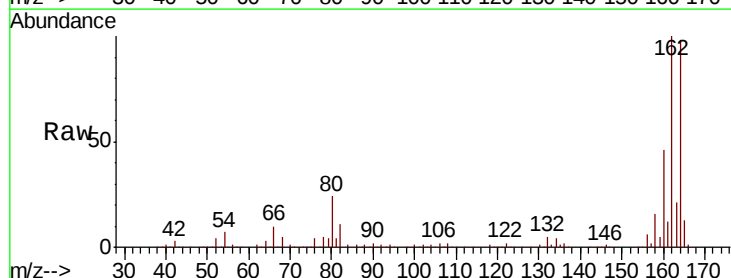


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

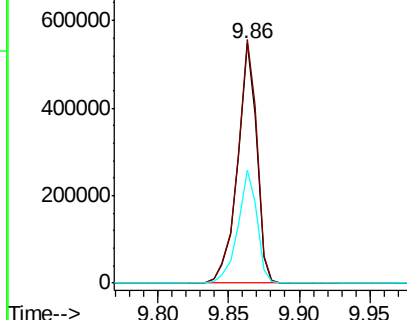
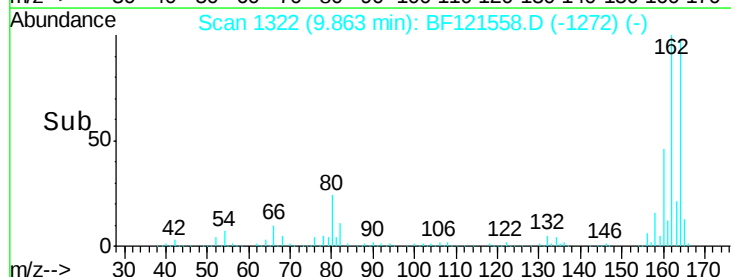


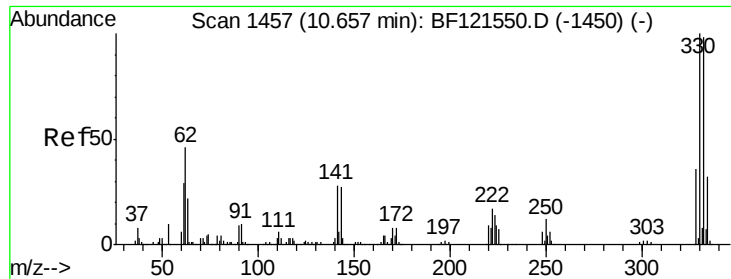
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121558.D
Acq: 14 Sep 2020 13:40

Tgt Ion: 164 Resp: 513894
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 47.3 37.0 55.4



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

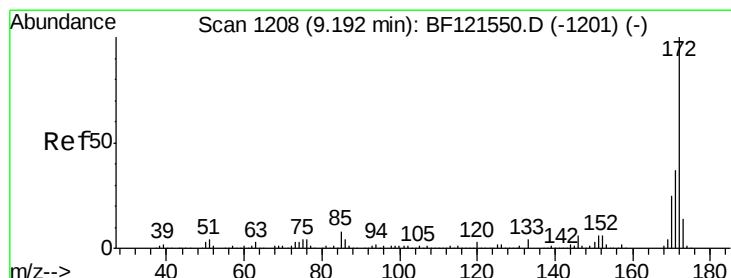
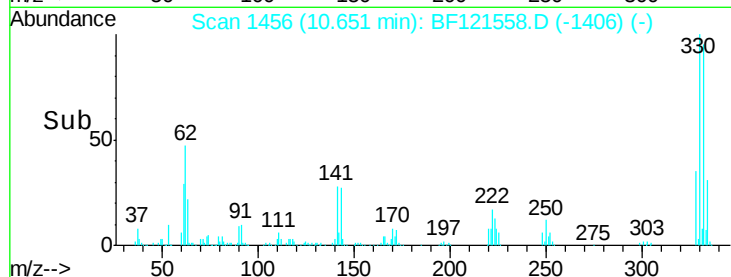
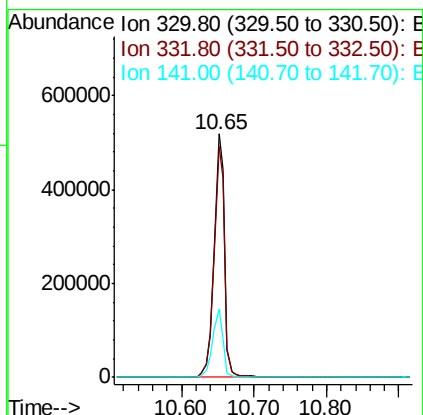
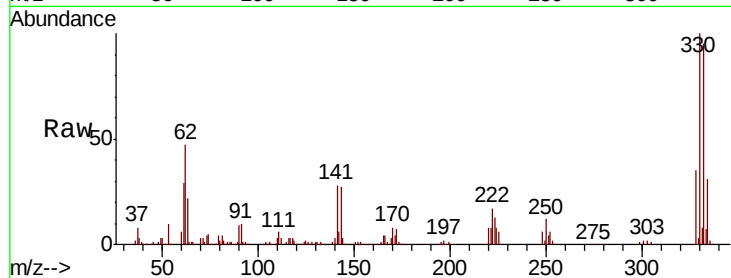




#42
 2,4,6-Tribromophenol
 Concen: 80.996 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121558.D
 Acq: 14 Sep 2020 13:40

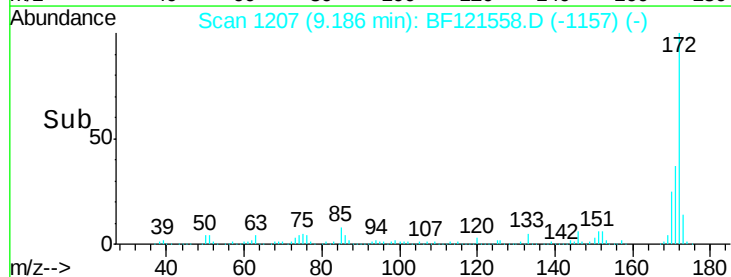
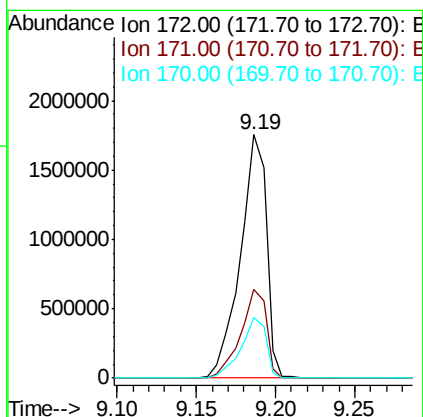
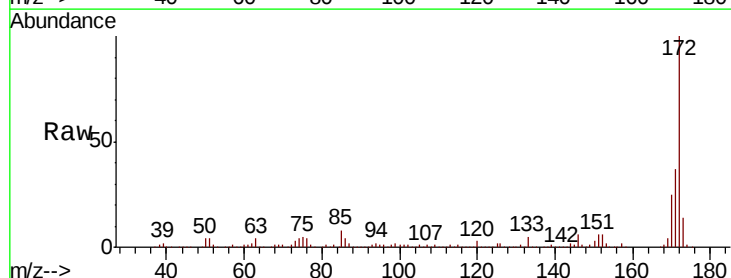
Instrument :
 BNA_F
 ClientSampleId :
 PB131540BL

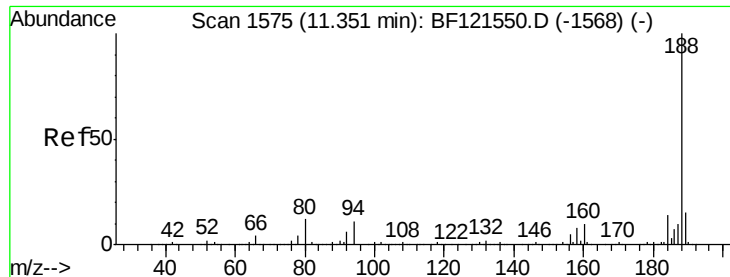
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	28.3	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 59.037 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF121558.D
 Acq: 14 Sep 2020 13:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.8	19.8	29.8

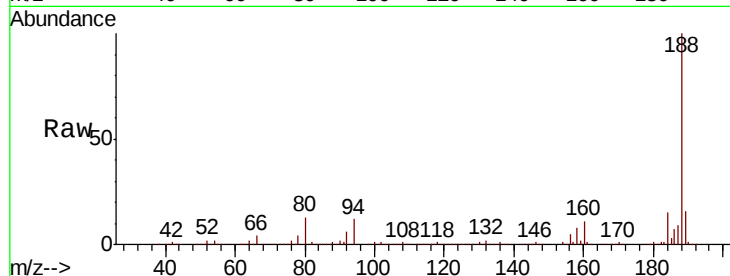




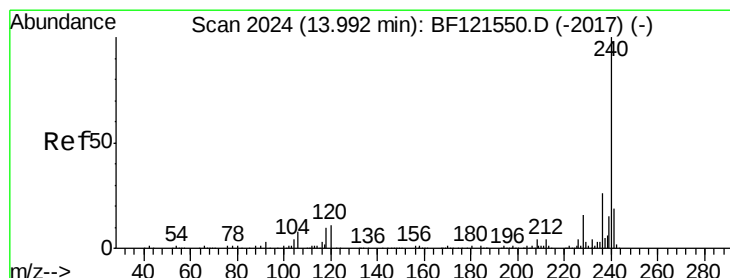
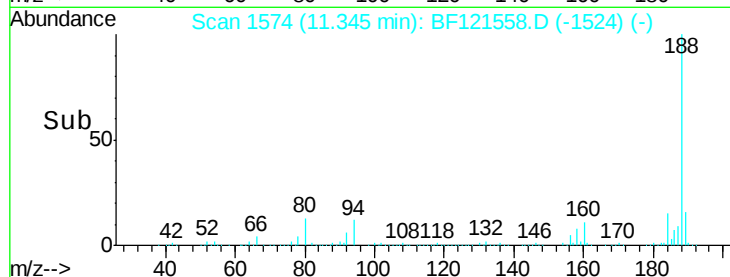
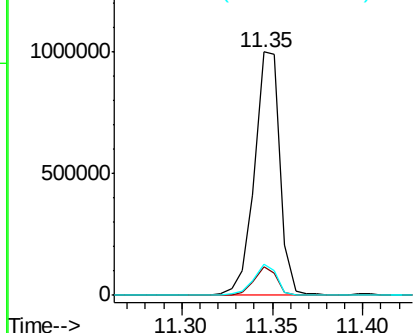
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121558.D
Acq: 14 Sep 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PB131540BL

Tot Ion:188 Resp: 983371
Ion Ratio Lower Upper
188 100
94 11.9 8.7 13.1
80 13.0 9.3 13.9

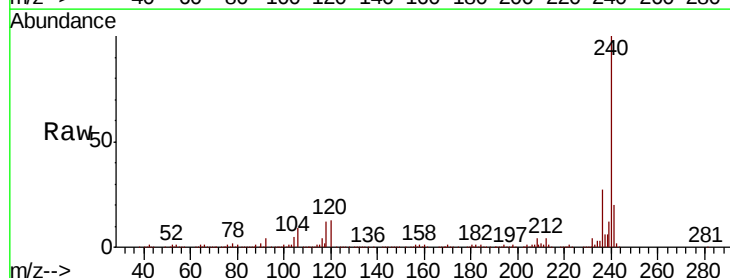


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

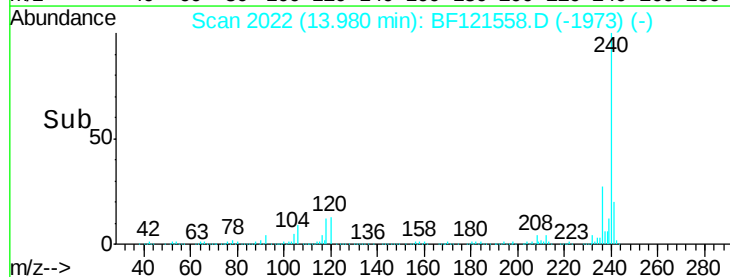
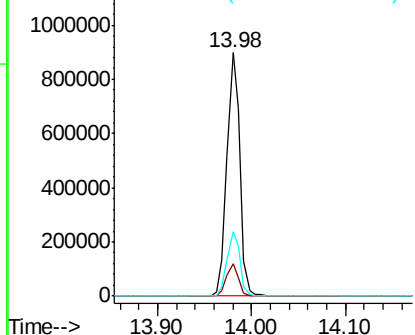


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121558.D
Acq: 14 Sep 2020 13:40

Tgt Ion:240 Resp: 861452
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 26.6 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: 53.302 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121558.D

Acq: 14 Sep 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB131540BL

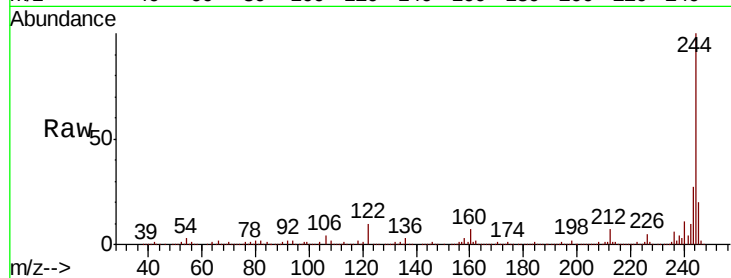
Tot Ion:244 Resp: 2266507

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

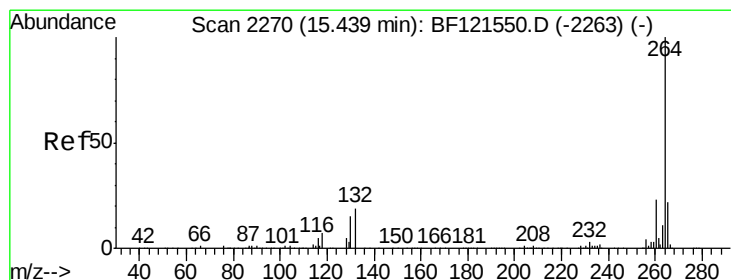
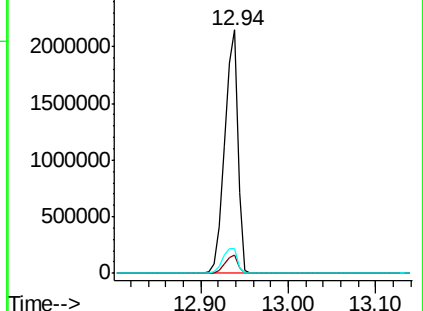
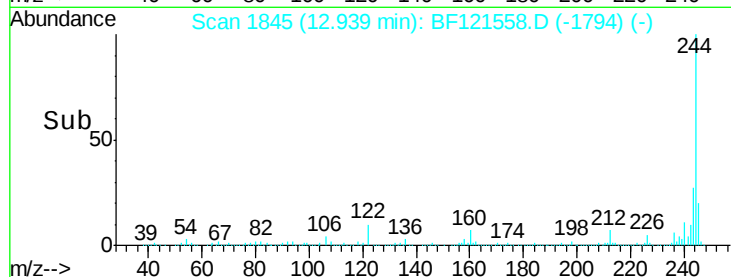
122 10.3 8.7 13.1



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121558.D

Acq: 14 Sep 2020 13:40

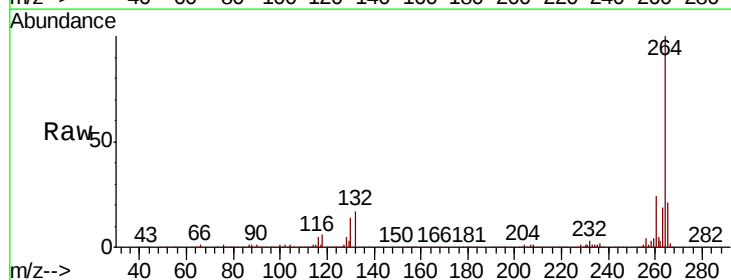
Tgt Ion:264 Resp: 780406

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.0 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

