

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121626.D
 Acq On : 21 Sep 2020 14:51
 Operator : JU/CG
 Sample : PB131752BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BL

Quant Time: Sep 21 15:32:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161593	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	640234	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	330759	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	636519	20.00	ng	0.00
76) Chrysene-d12	13.99	240	574750	20.00	ng	0.00
86) Perylene-d12	15.45	264	539009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1145257	105.33	ng	0.01
7) Phenol-d6	6.46	99	1457967	102.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	1013784	85.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	481494	117.13	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1784976	81.73	ng	0.00
79) Terphenyl-d14	12.95	244	1969323	69.42	ng	0.00

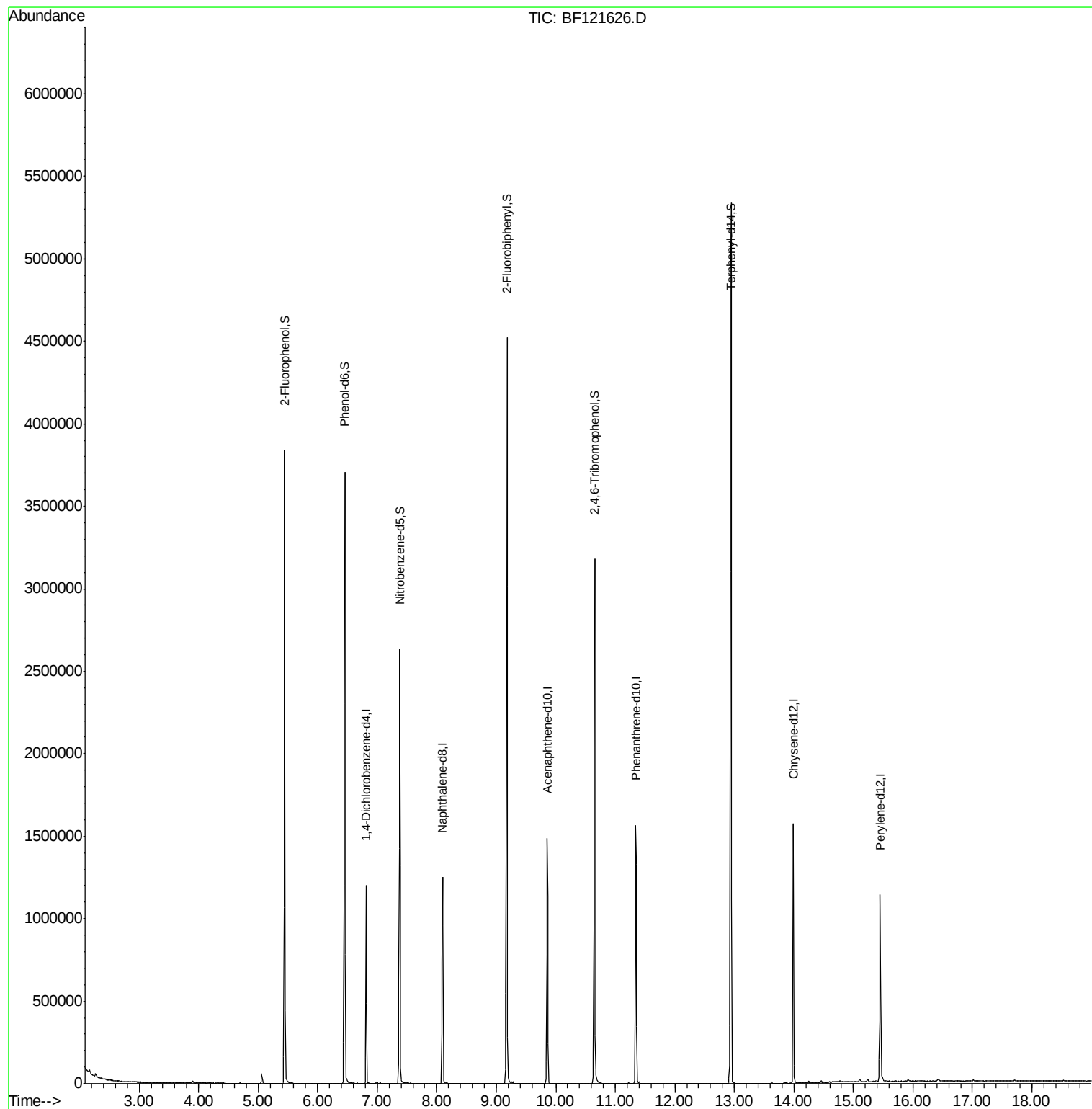
Target Compounds Qvalue

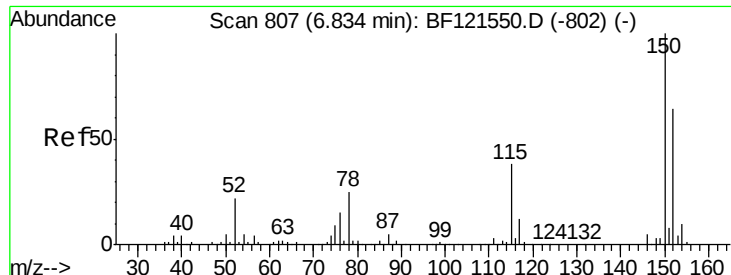
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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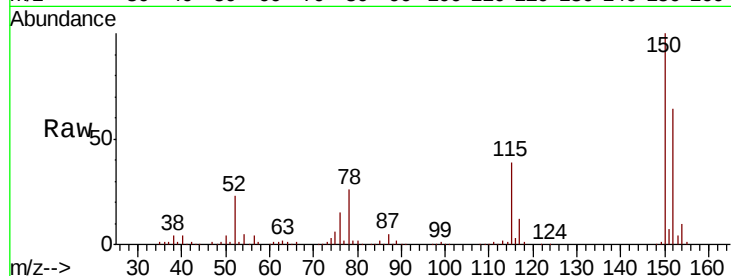


#1

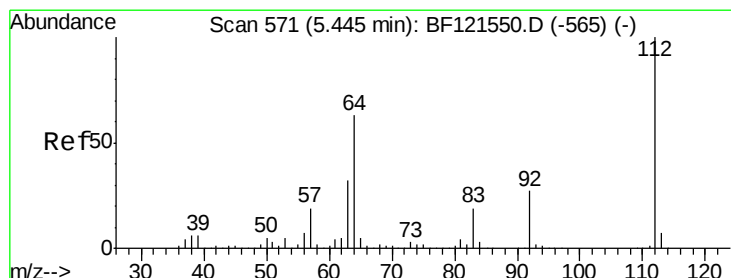
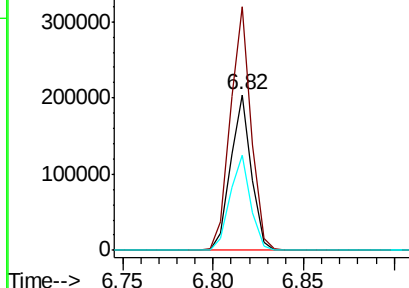
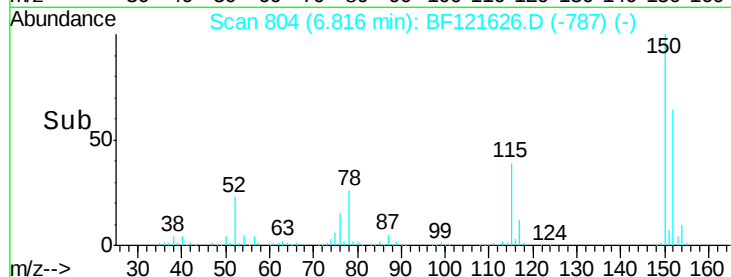
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Instrument :
BNA_F
ClientSampleId :
PB131752BL

Tot Ion:152 Resp: 161593
Ion Ratio Lower Upper
152 100
150 156.8 128.1 192.1
115 61.4 52.6 79.0



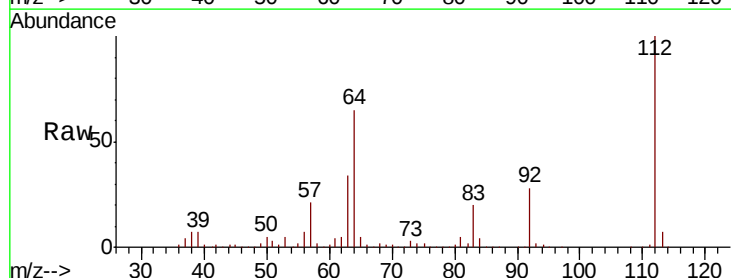
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



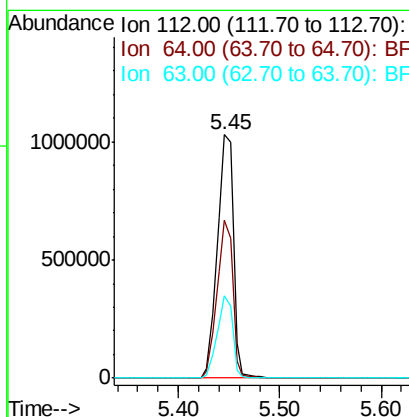
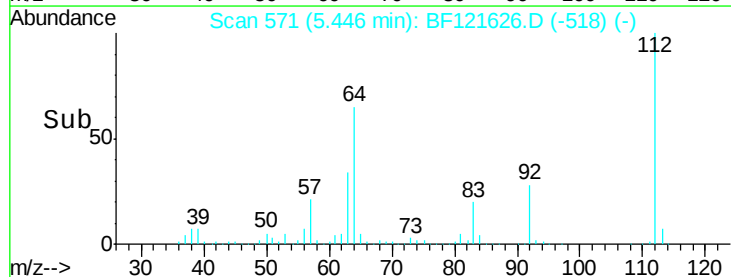
#5

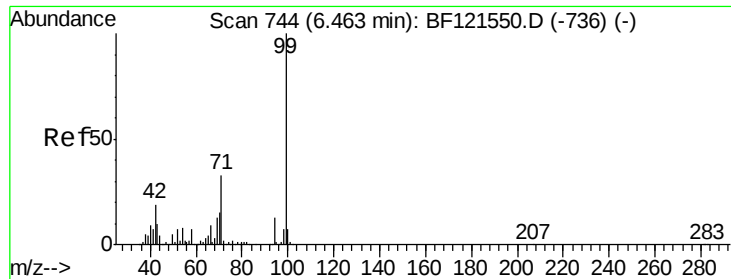
2-Fluorophenol
Concen: 105.326 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Tgt Ion:112 Resp: 1145257
Ion Ratio Lower Upper
112 100
64 65.1 52.2 78.2
63 34.0 26.6 39.8



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: 102.204 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

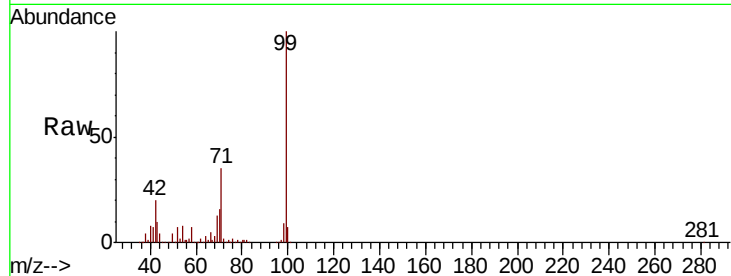
BNA_F

ClientSampleId :

PB131752BL

Tot Ion: 99 Resp: 1457967

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.5	23.3
71	35.1	27.4	41.2

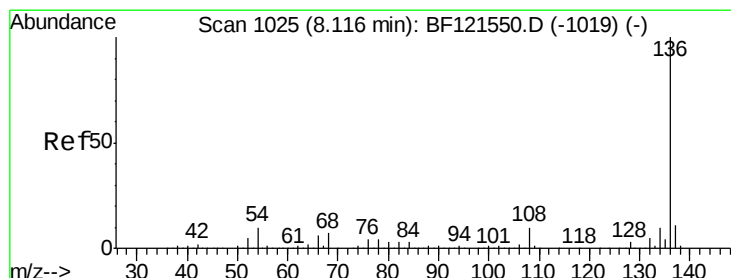
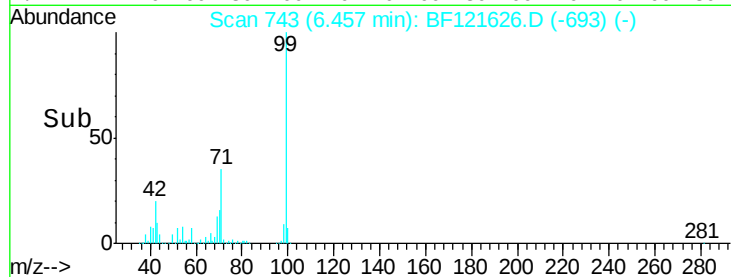
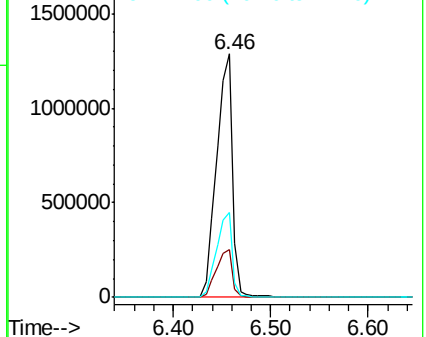


Abundance

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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Tgt Ion: 136 Resp: 640234

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	7.4	11.0
68	6.7	5.3	7.9

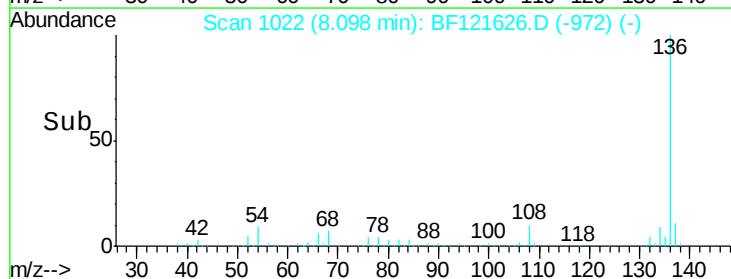
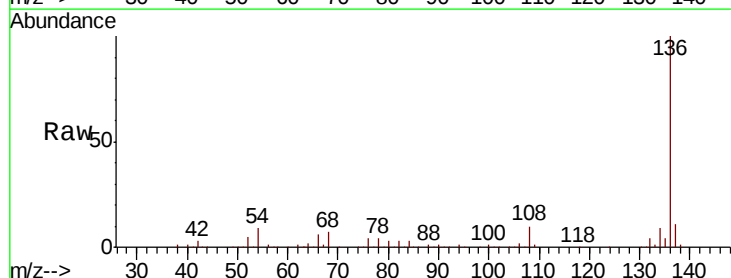
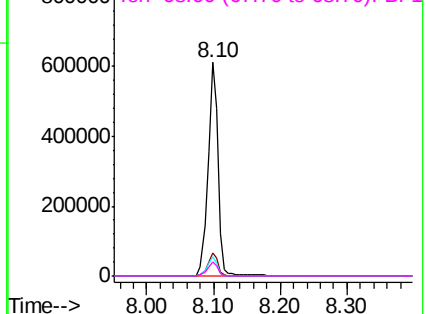
Abundance

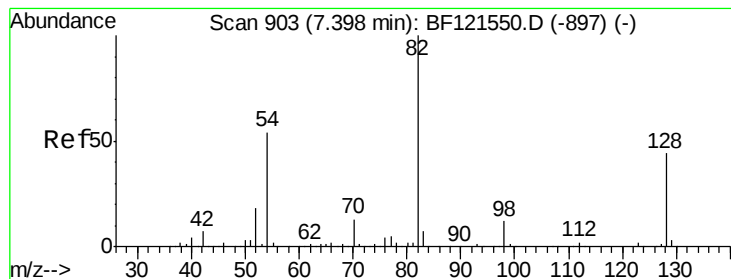
Ion 136.00 (135.70 to 136.70): E

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: 85.019 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

BNA_F

ClientSampleId :

PB131752BL

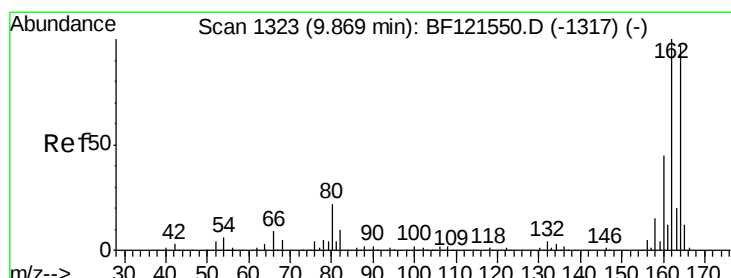
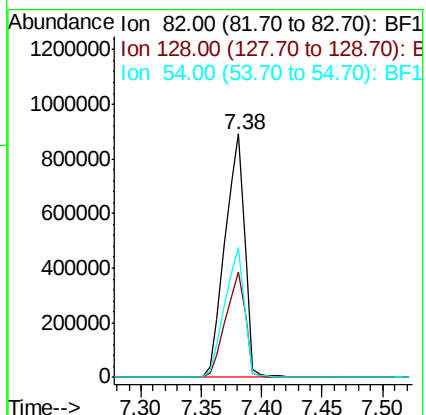
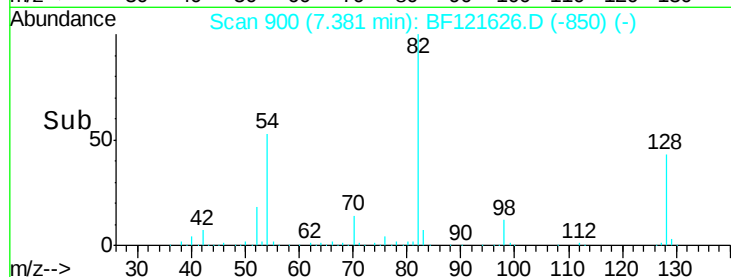
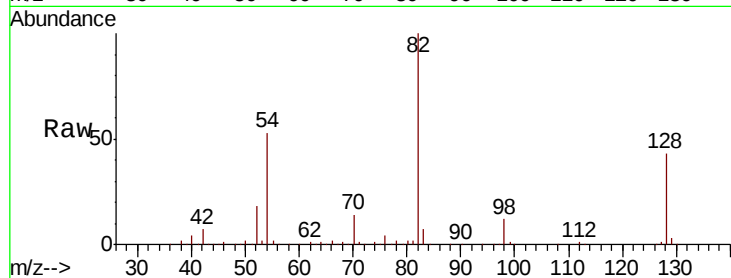
Tot Ion: 82 Resp: 1013784

Ion Ratio Lower Upper

82 100

128 43.4 33.9 50.9

54 53.4 42.9 64.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

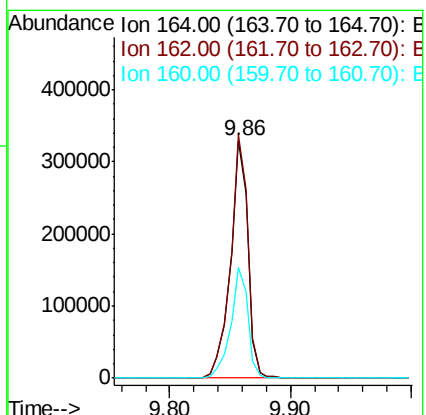
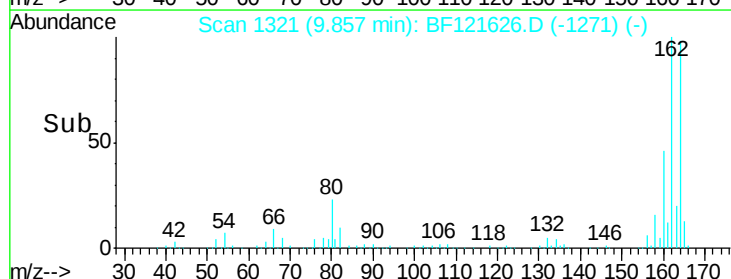
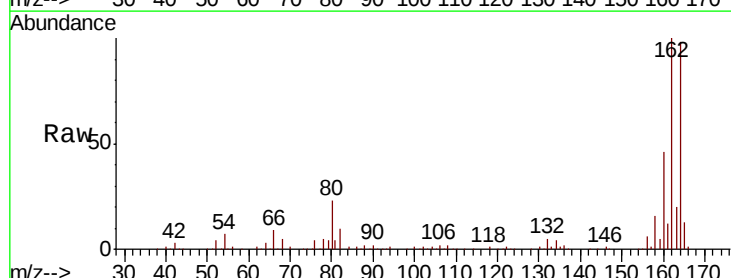
Tgt Ion: 164 Resp: 330759

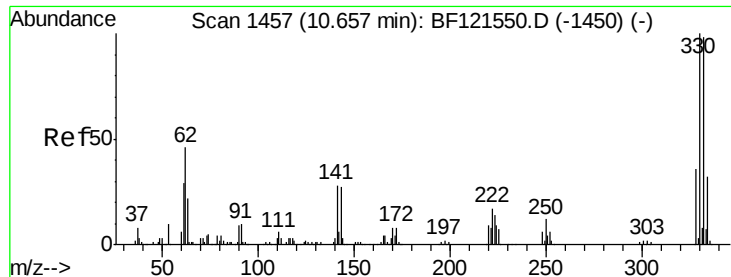
Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 46.6 36.2 54.4

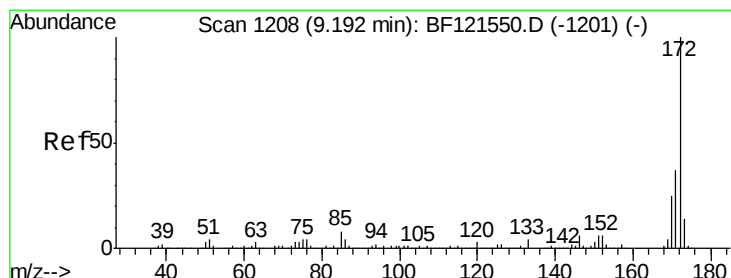
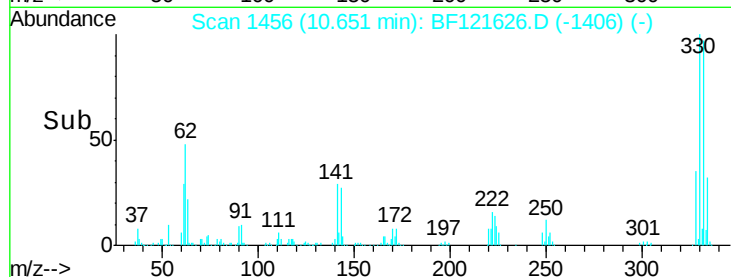
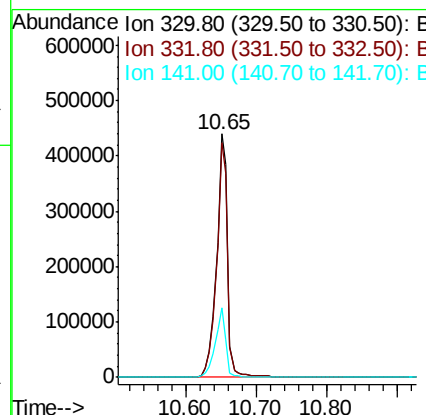
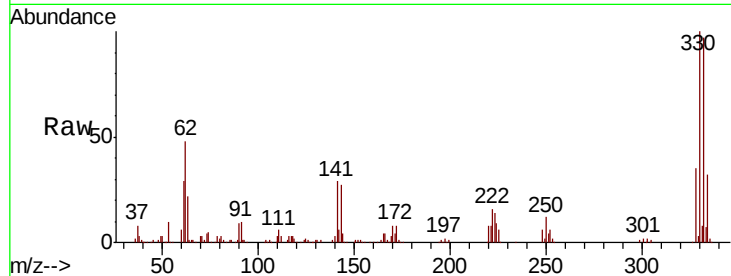




#42
 2,4,6-Tribromophenol
 Concen: 117.126 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121626.D
 Acq: 21 Sep 2020 14:51

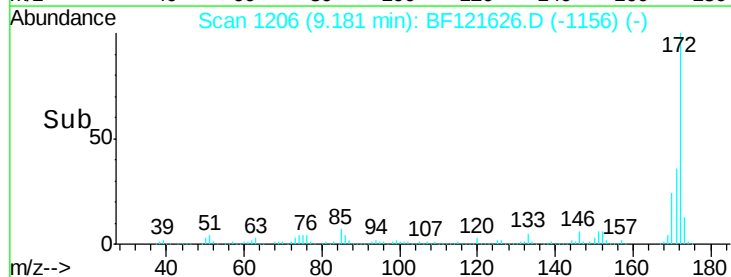
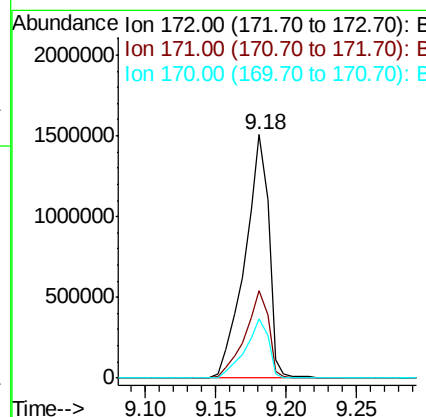
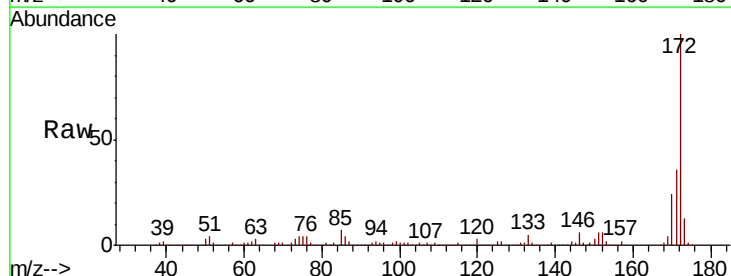
Instrument :
 BNA_F
 ClientSampleId :
 PB131752BL

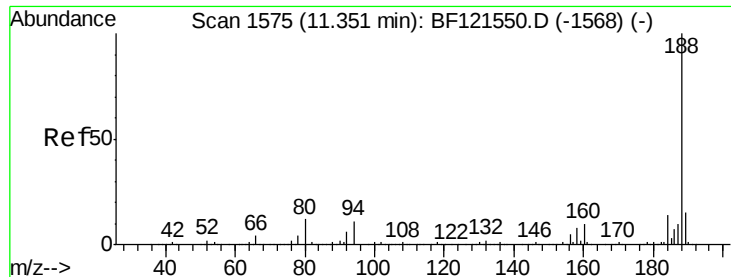
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	27.4	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 81.733 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121626.D
 Acq: 21 Sep 2020 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.1	19.5	29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

BNA_F

ClientSampleId :

PB131752BL

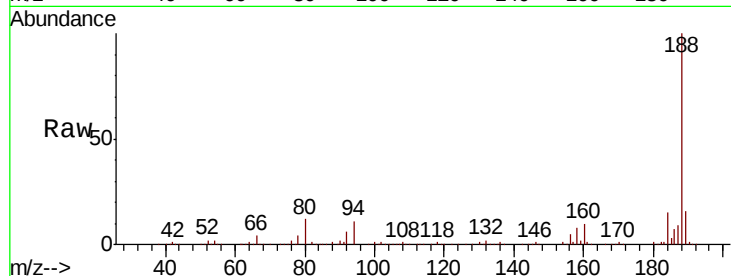
Tot Ion:188 Resp: 636519

Ion Ratio Lower Upper

188 100

94 10.9 8.4 12.6

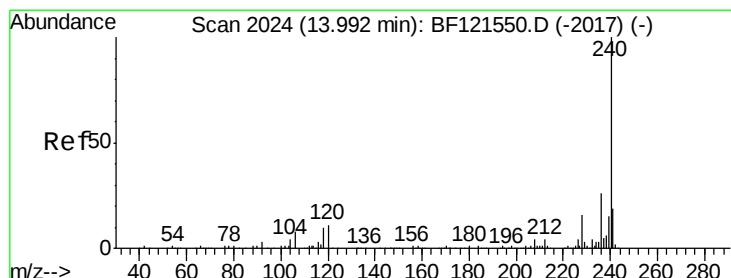
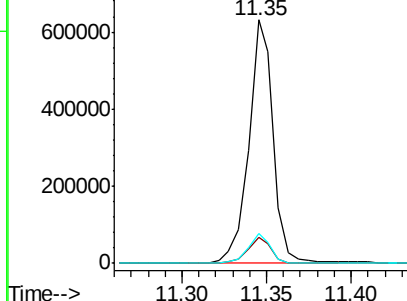
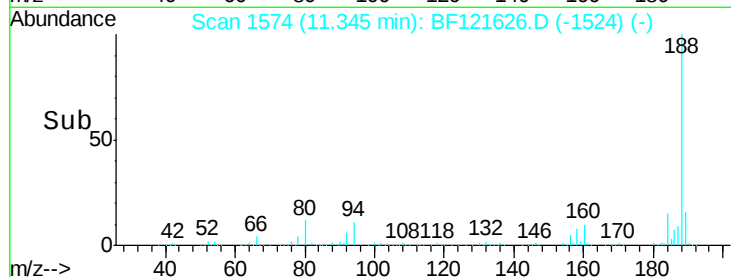
80 12.1 9.0 13.4



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

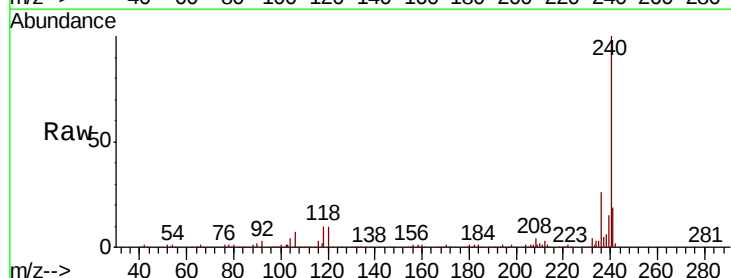
Tgt Ion:240 Resp: 574750

Ion Ratio Lower Upper

240 100

120 10.4 9.2 13.8

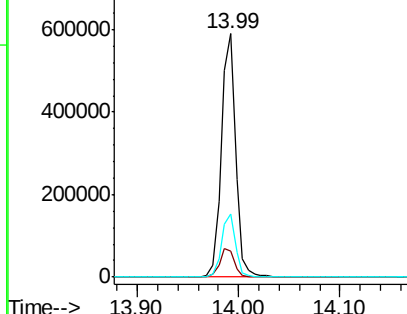
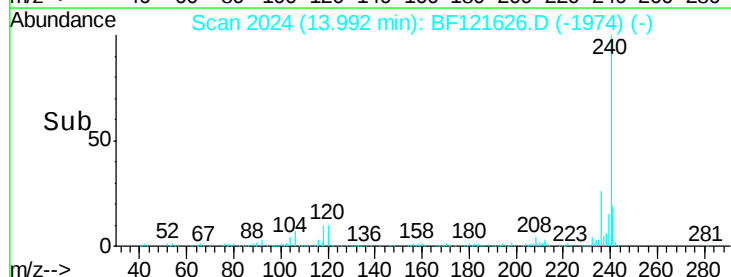
236 25.8 20.4 30.6

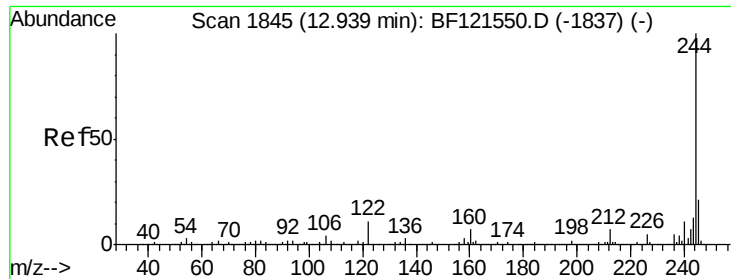


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.416 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

BNA_F

ClientSampleId :

PB131752BL

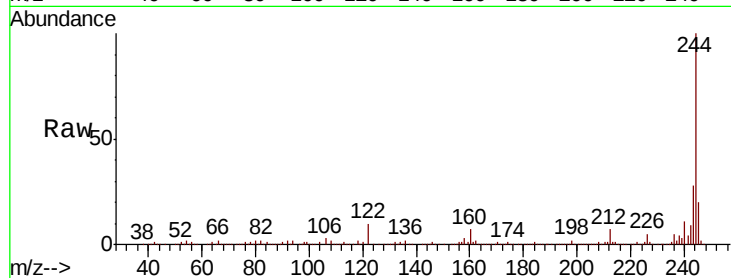
Tot Ion:244 Resp: 1969323

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

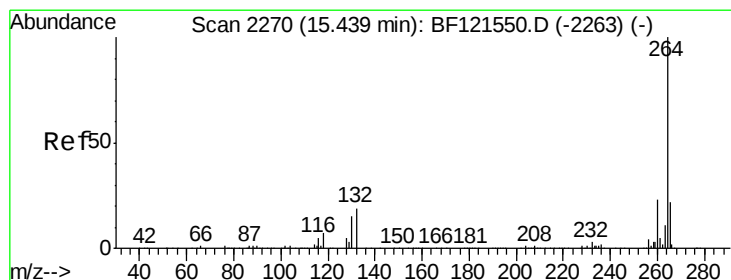
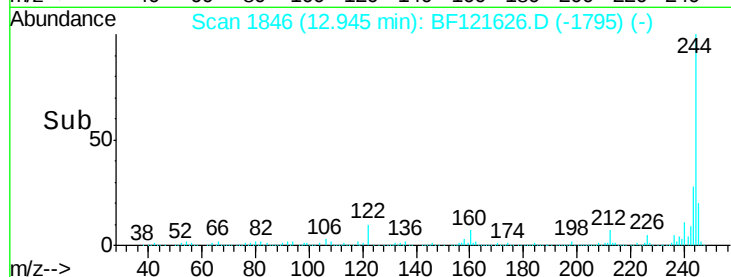
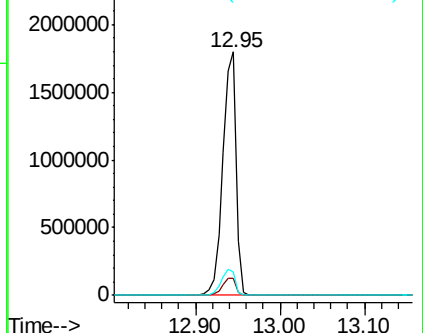
122 9.7 7.4 11.0



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

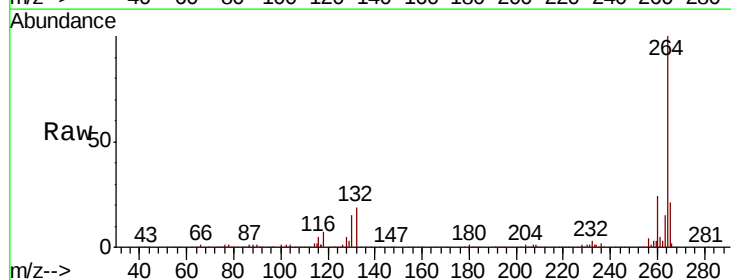
Tgt Ion:264 Resp: 539009

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

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

