

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121724.D
 Acq On : 29 Sep 2020 11:16
 Operator : JU/CG
 Sample : PB131923BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131923BL

Quant Time: Sep 29 13:02:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	154895	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	601475	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	299306	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	542197	20.00	ng	0.00
76) Chrysene-d12	13.94	240	442557	20.00	ng	0.00
86) Perylene-d12	15.38	264	390129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1220455	117.10	ng	0.01
7) Phenol-d6	6.42	99	1566870	114.59	ng	0.00
23) Nitrobenzene-d5	7.35	82	1080787	96.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	454028	122.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1757442	88.93	ng	0.00
79) Terphenyl-d14	12.89	244	1778234	81.40	ng	0.00

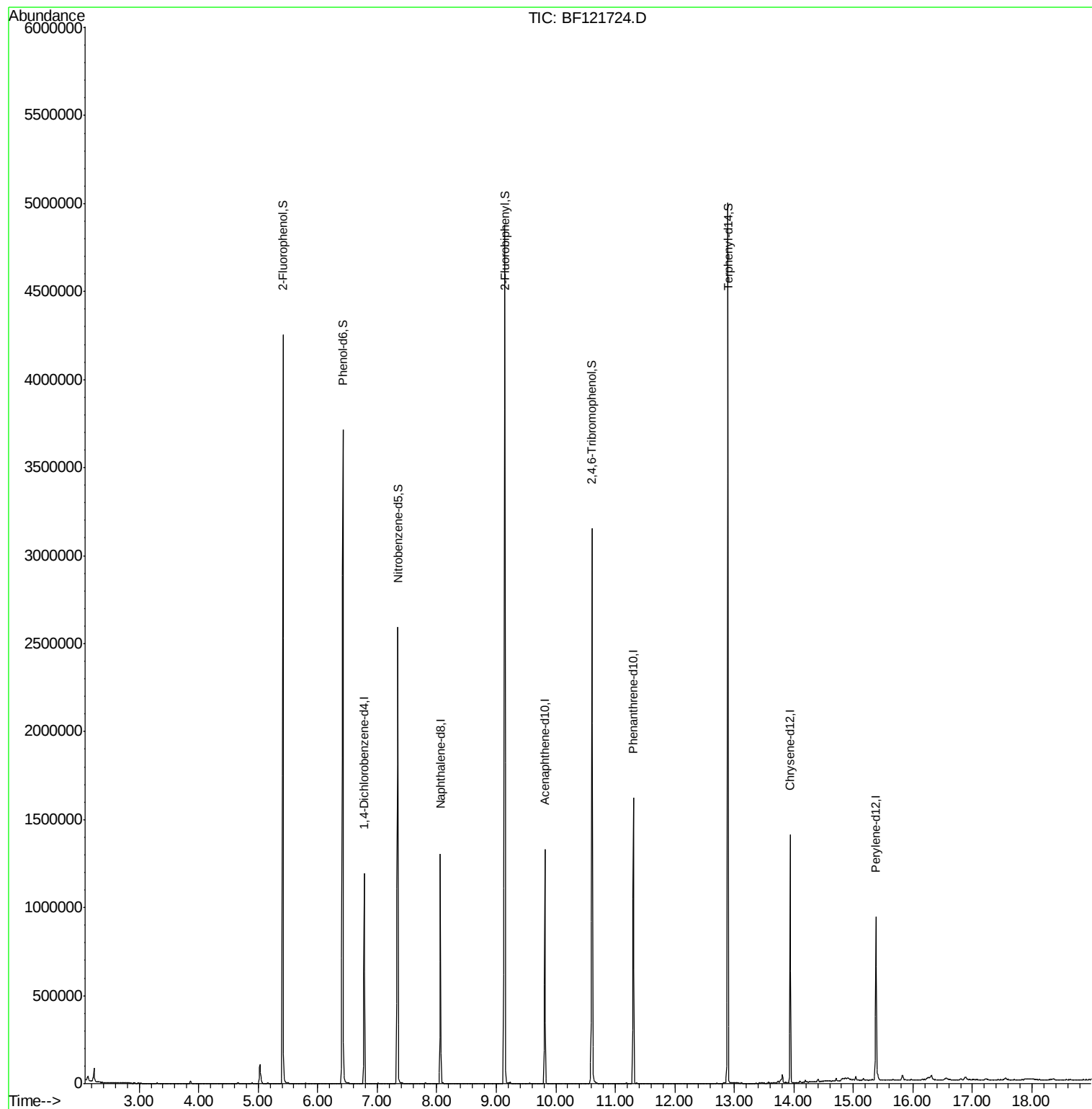
Target Compounds Qvalue

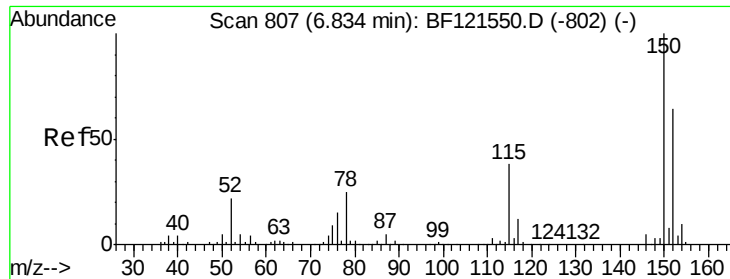
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

Instrument :

BNA_F

ClientSampleId :

PB131923BL

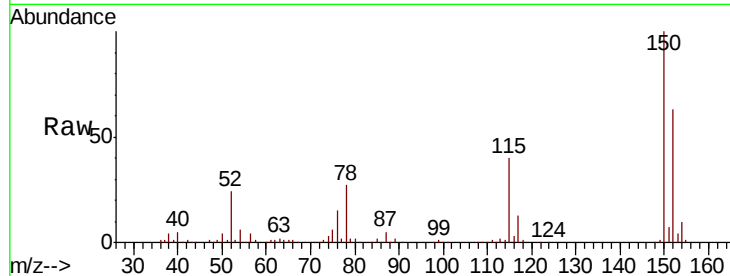
Tot Ion:152 Resp: 154895

Ion Ratio Lower Upper

152 100

150 158.3 125.8 188.8

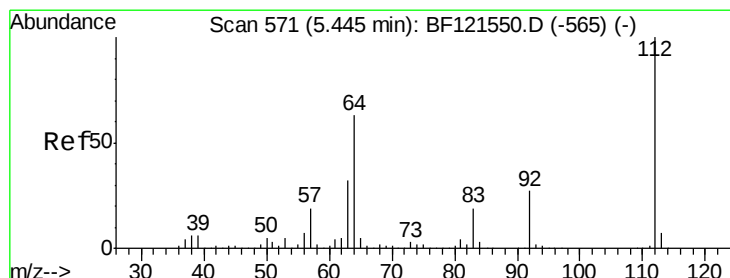
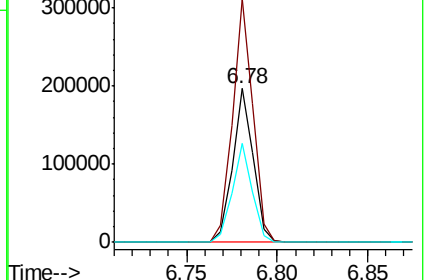
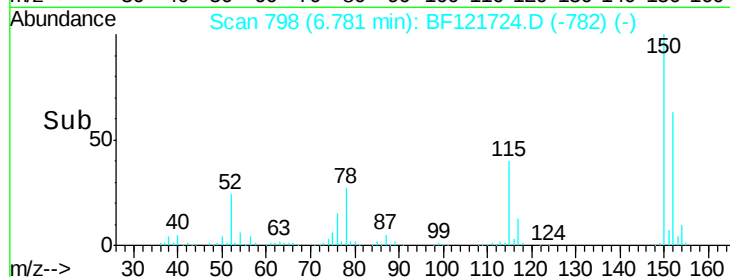
115 64.0 49.6 74.4



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: 117.095 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

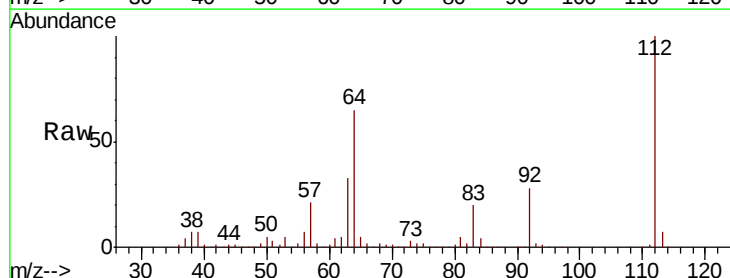
Tgt Ion:112 Resp: 1220455

Ion Ratio Lower Upper

112 100

64 64.9 51.2 76.8

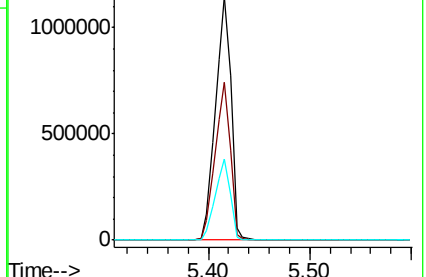
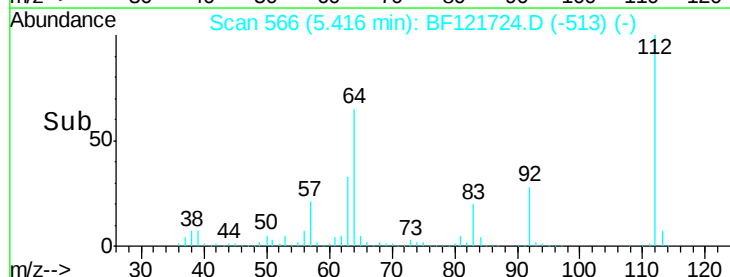
63 33.4 25.9 38.9

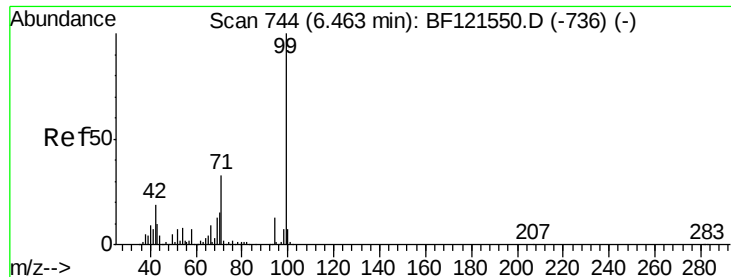


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.587 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

Instrument :

BNA_F

ClientSampleId :

PB131923BL

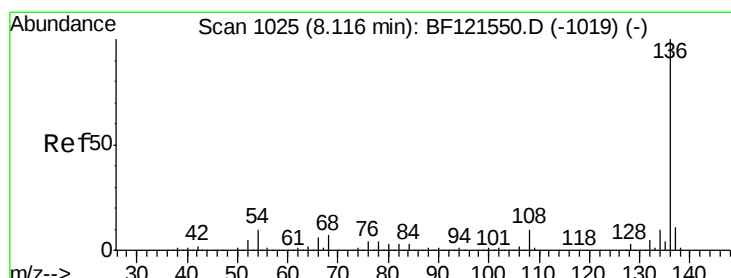
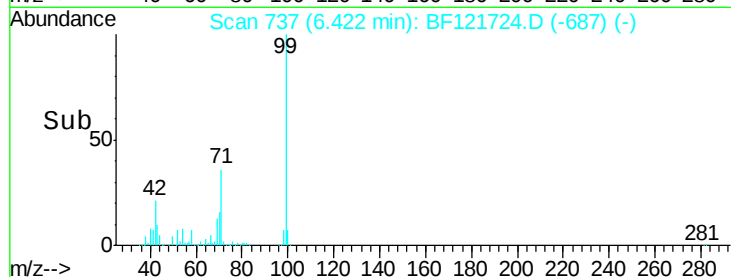
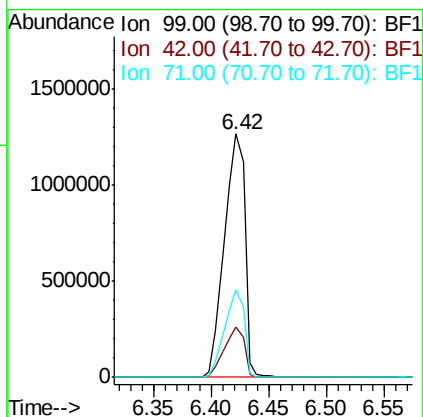
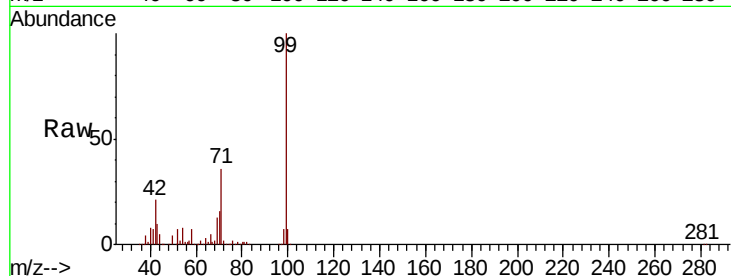
Tot Ion: 99 Resp: 1566870

Ion Ratio Lower Upper

99 100

42 20.7 16.5 24.7

71 35.7 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

Tgt Ion: 136 Resp: 601475

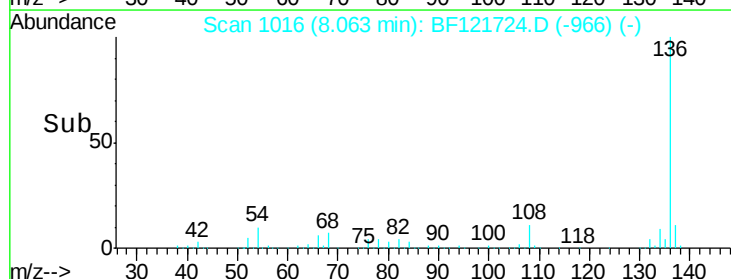
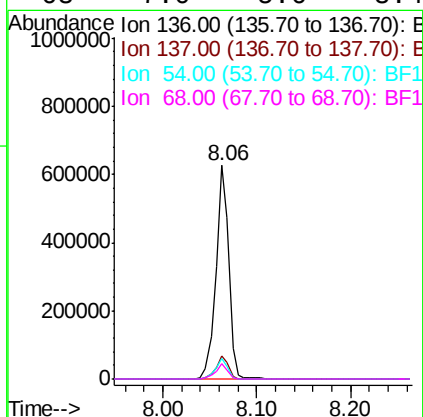
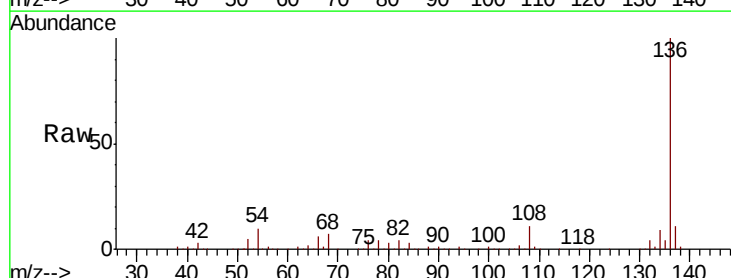
Ion Ratio Lower Upper

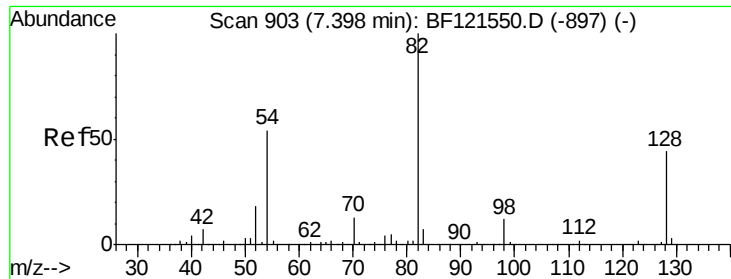
136 100

137 10.9 9.1 13.7

54 9.7 7.8 11.8

68 7.0 5.6 8.4

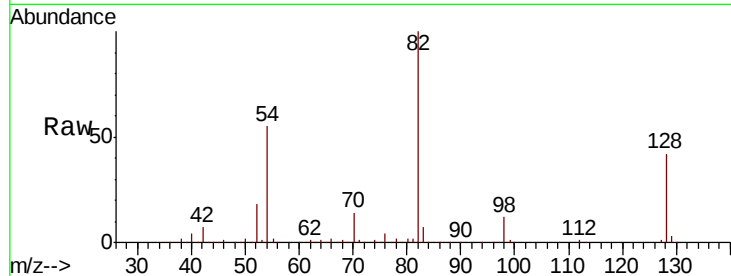




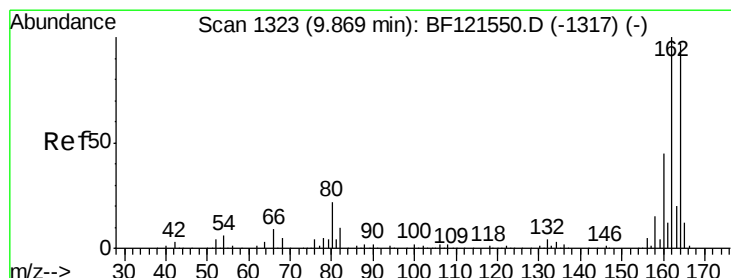
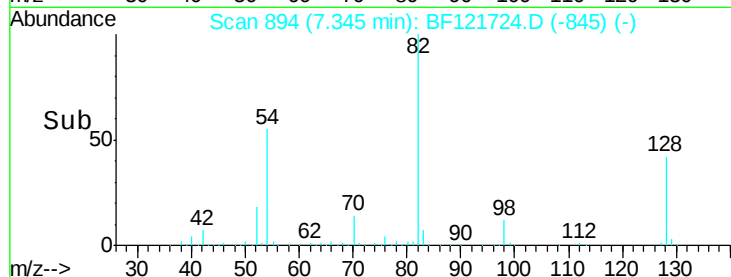
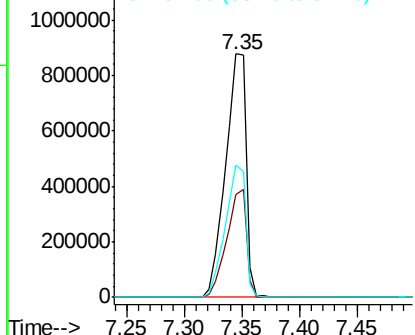
#23
Nitrobenzene-d5
Concen: 96.479 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121724.D
Acq: 29 Sep 2020 11:16

Instrument :
BNA_F
ClientSampleId :
PB131923BL

Tot Ion: 82 Resp: 1080787
Ion Ratio Lower Upper
82 100
128 42.0 35.0 52.4
54 54.5 42.5 63.7

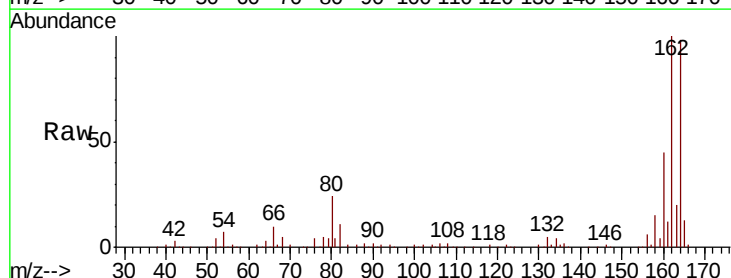


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

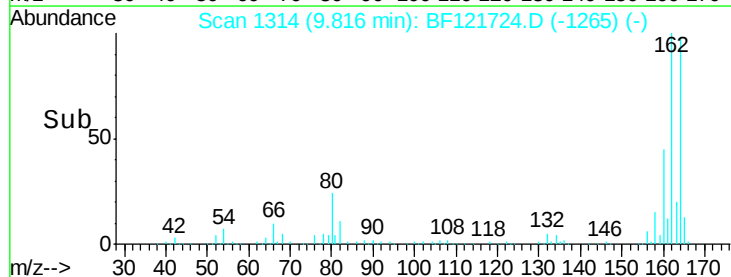
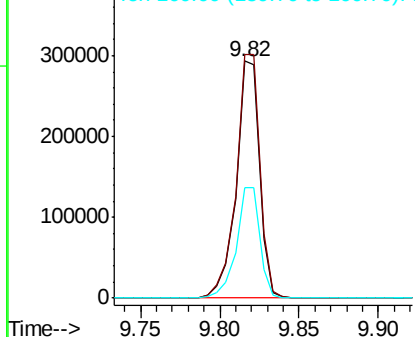


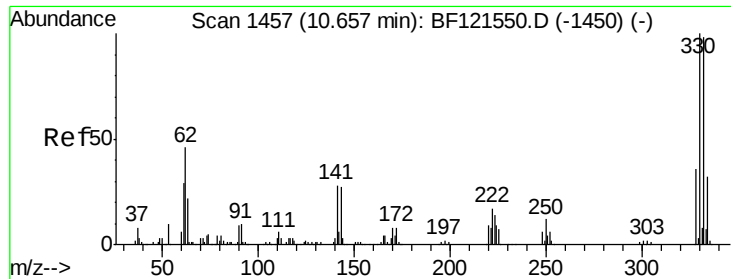
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121724.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 164 Resp: 299306
Ion Ratio Lower Upper
164 100
162 102.5 80.6 121.0
160 46.6 36.9 55.3



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: 122.051 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

Instrument :

BNA_F

ClientSampleId :

PB131923BL

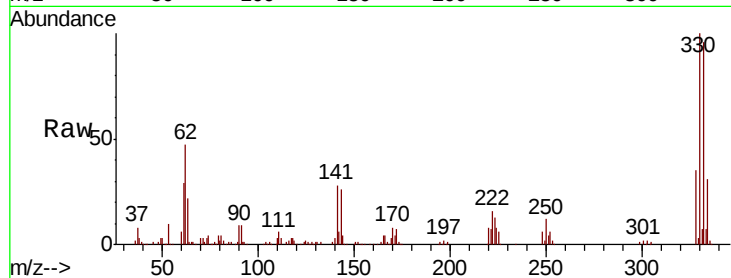
Tot Ion:330 Resp: 454028

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

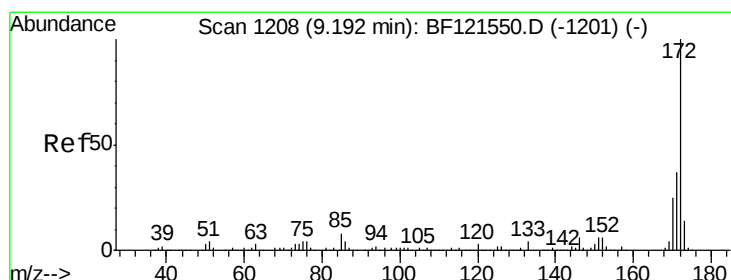
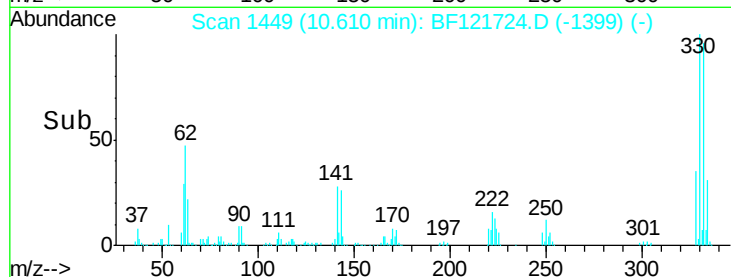
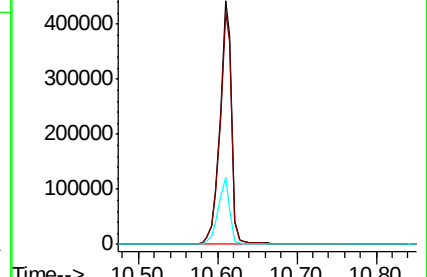
141 27.1 22.9 34.3



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: 88.929 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

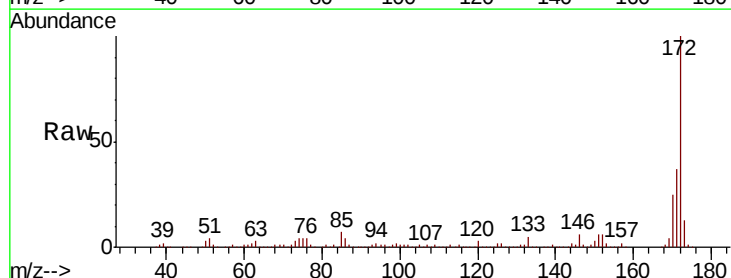
Tgt Ion:172 Resp: 1757442

Ion Ratio Lower Upper

172 100

171 36.6 29.2 43.8

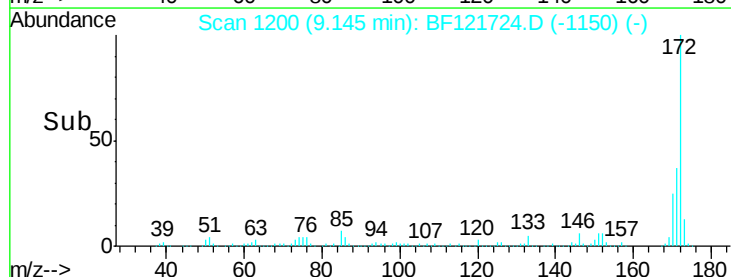
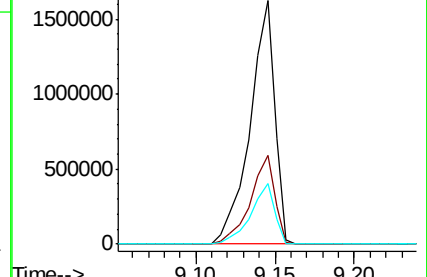
170 24.7 19.7 29.5

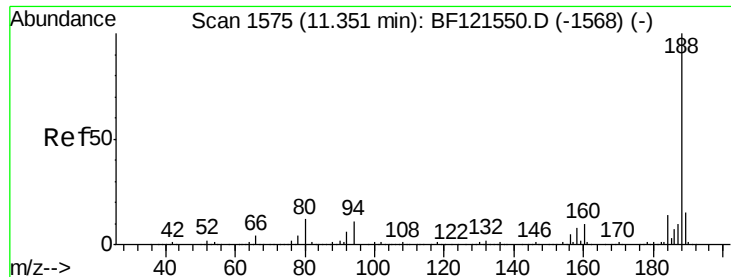


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

Instrument :

BNA_F

ClientSampleId :

PB131923BL

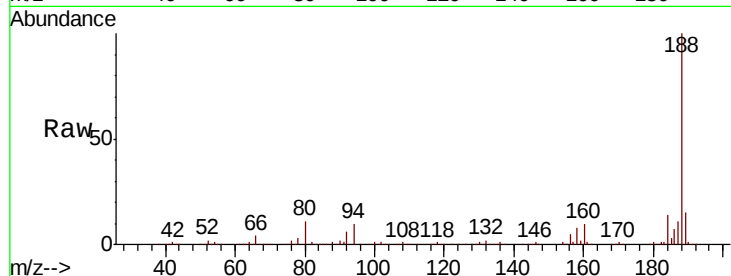
Tot Ion:188 Resp: 542197

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

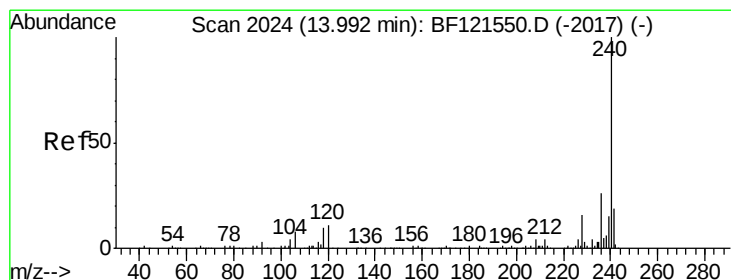
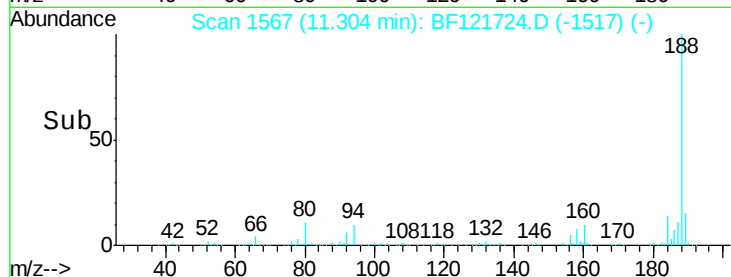
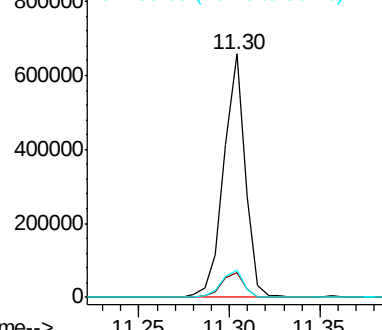
80 11.0 8.9 13.3



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: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

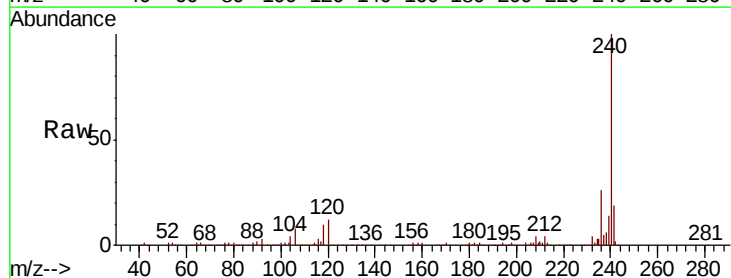
Tgt Ion:240 Resp: 442557

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

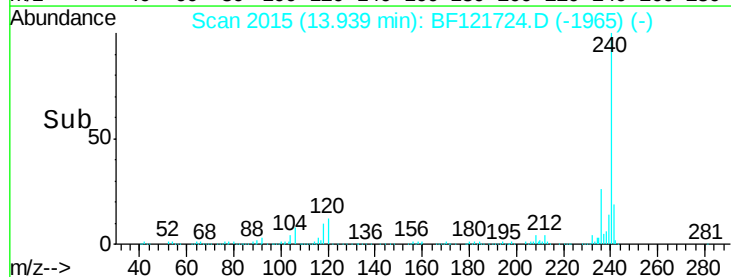
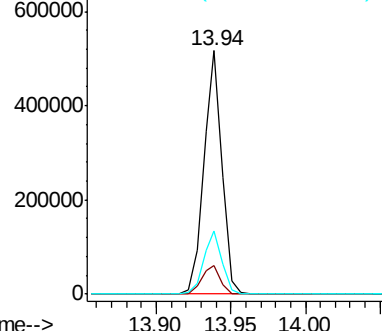
236 25.9 20.4 30.6

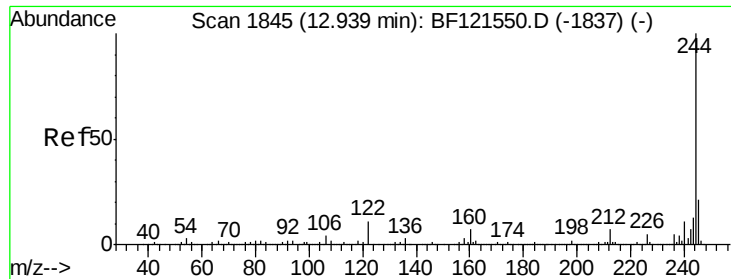


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.403 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

Instrument :

BNA_F

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PB131923BL

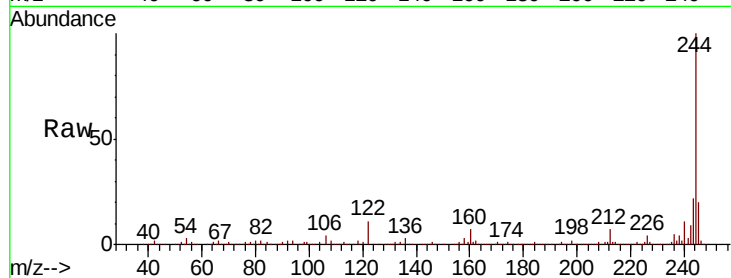
Tot Ion:244 Resp: 1778234

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

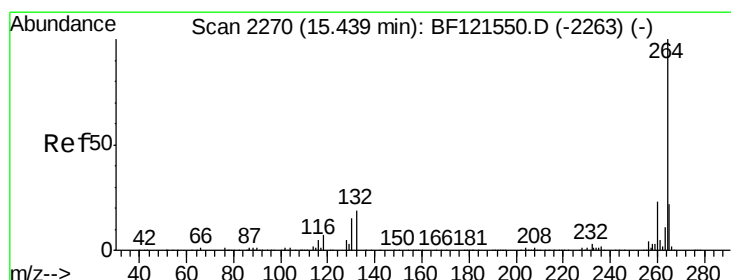
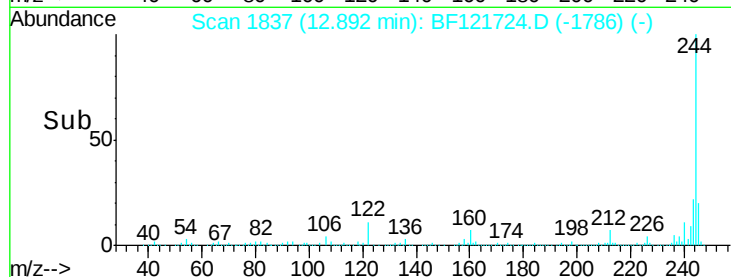
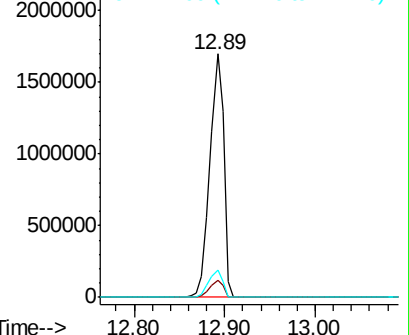
122 11.1 9.0 13.4



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF121724.D

Acq: 29 Sep 2020 11:16

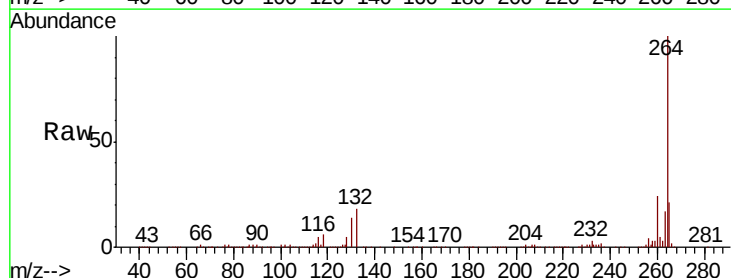
Tgt Ion:264 Resp: 390129

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

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

