

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
 Data File : BF121694.D
 Acq On : 25 Sep 2020 14:07
 Operator : JU/CG
 Sample : PB131888BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Quant Time: Sep 25 14:35:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 14:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160453	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	643751	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	351146	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	711179	20.00	ng	0.00
76) Chrysene-d12	13.96	240	657258	20.00	ng	0.00
86) Perylene-d12	15.42	264	581939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1131552	104.81	ng	0.01
7) Phenol-d6	6.43	99	1476537	104.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	1025811	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	547601	125.47	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1842689	79.48	ng	0.00
79) Terphenyl-d14	12.92	244	2393284	73.77	ng	0.00

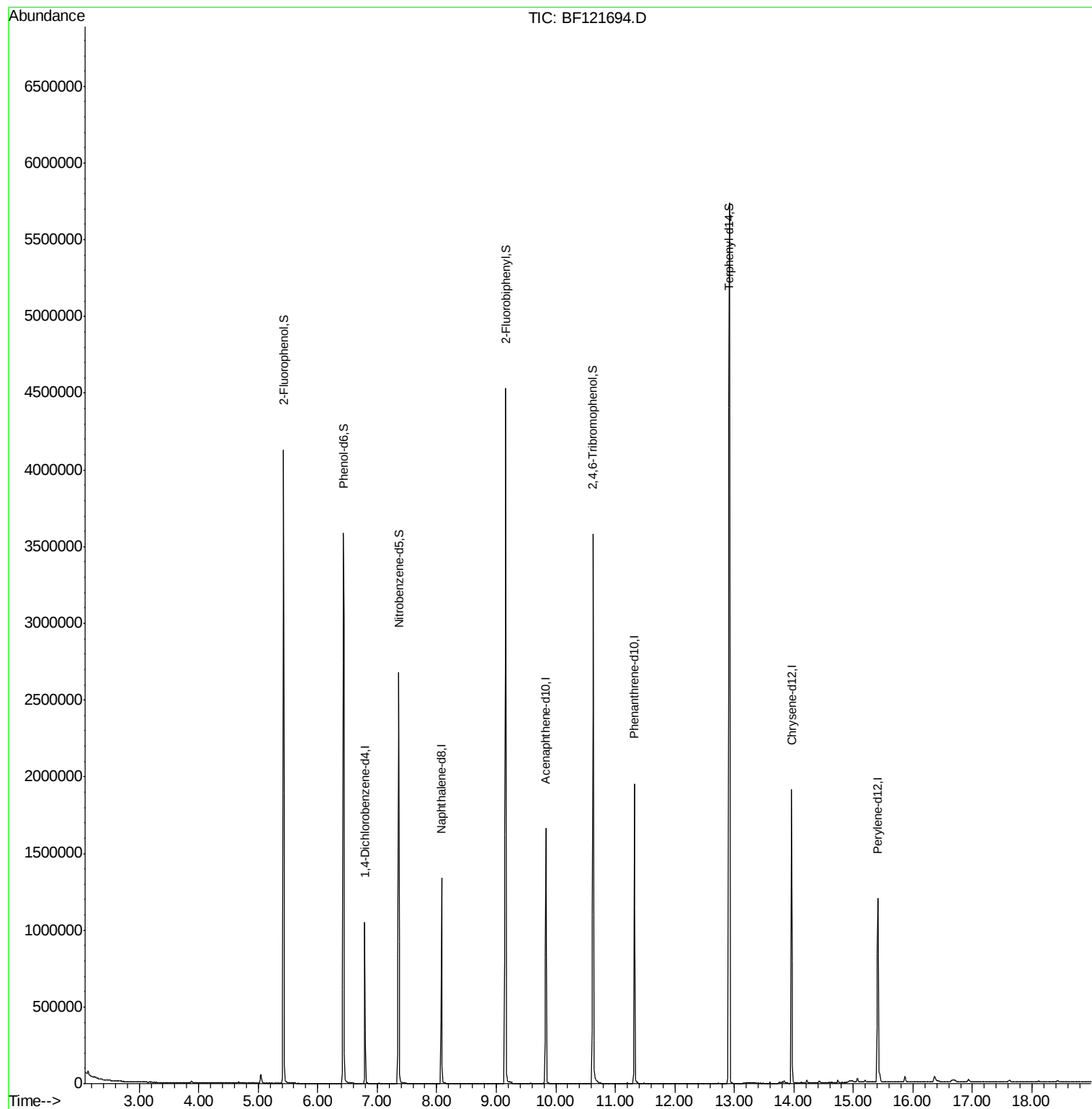
Target Compounds Qvalue

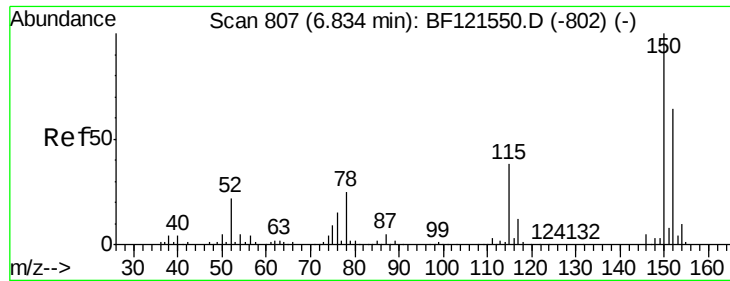
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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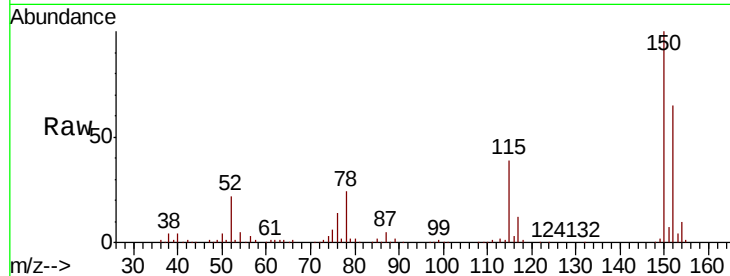


#1

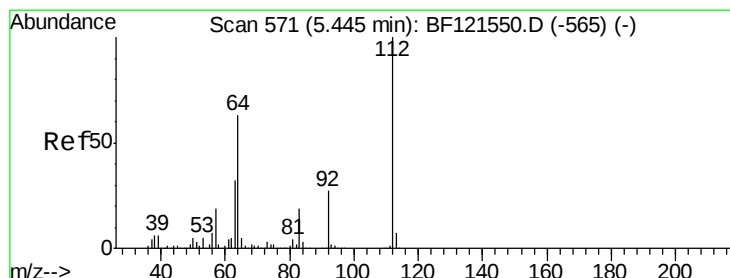
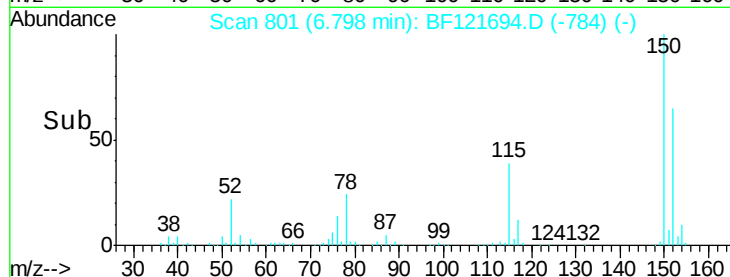
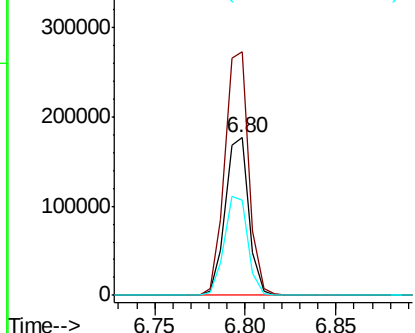
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB131888BL

Tot Ion:152 Resp: 160453
Ion Ratio Lower Upper
152 100
150 154.7 126.1 189.1
115 60.2 50.6 76.0



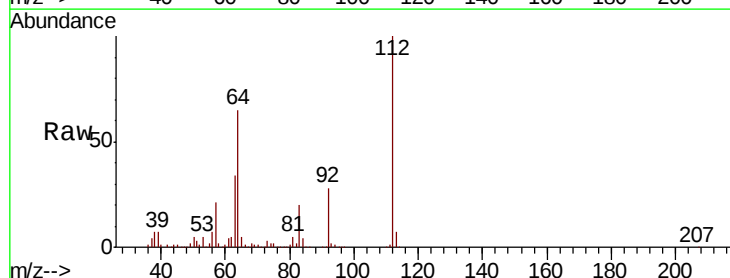
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



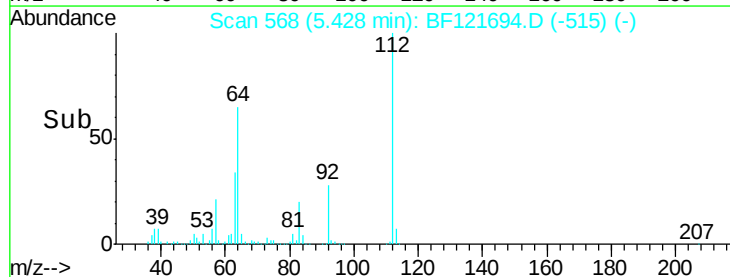
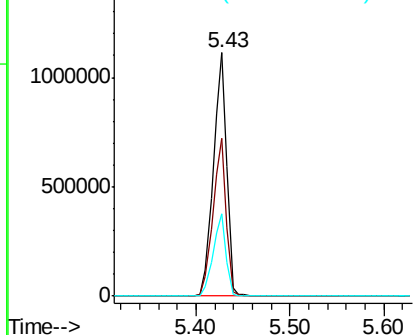
#5

2-Fluorophenol
Concen: 104.805 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Tgt Ion:112 Resp: 1131552
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 33.6 25.2 37.8



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: 104.241 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

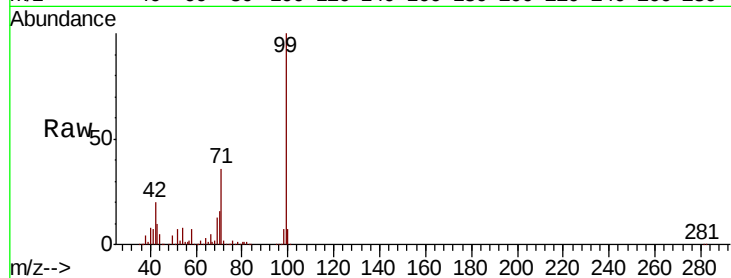
BNA_F

ClientSampleId :

PB131888BL

Tot Ion: 99 Resp: 1476537

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.1	24.1
71	35.8	27.9	41.9

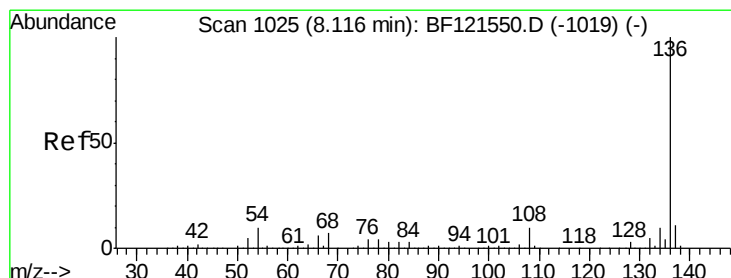
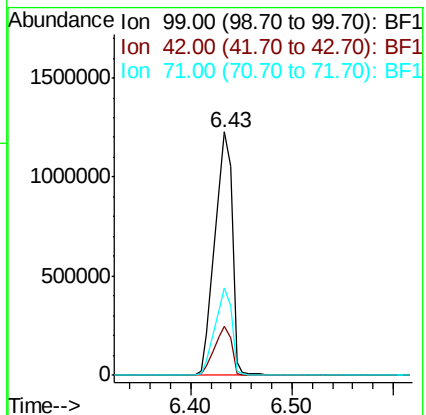
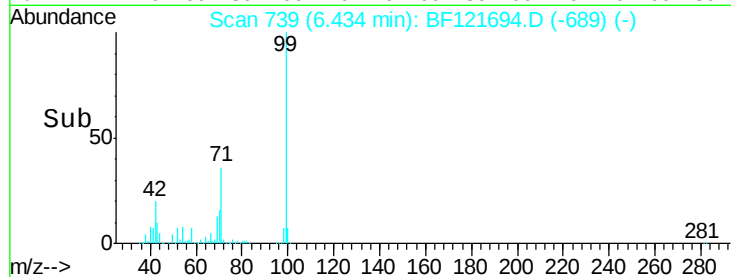


Abundance

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: 8.08 min Scan# 1019

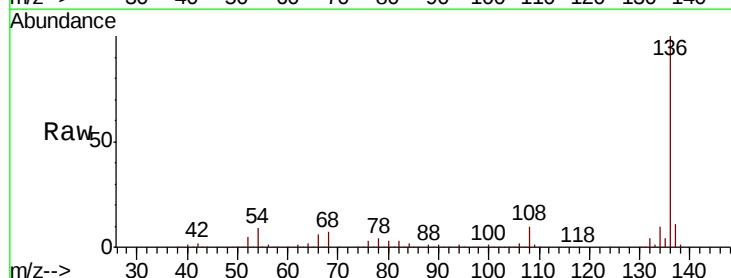
Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Tgt Ion: 136 Resp: 643751

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.6	11.4
68	6.5	5.3	7.9



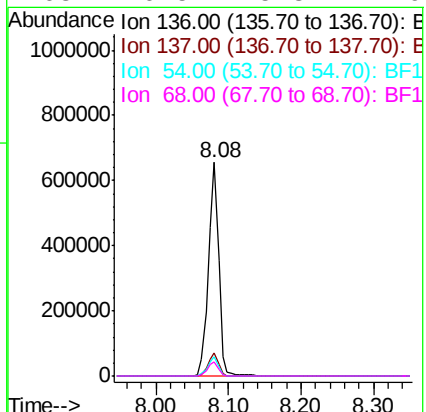
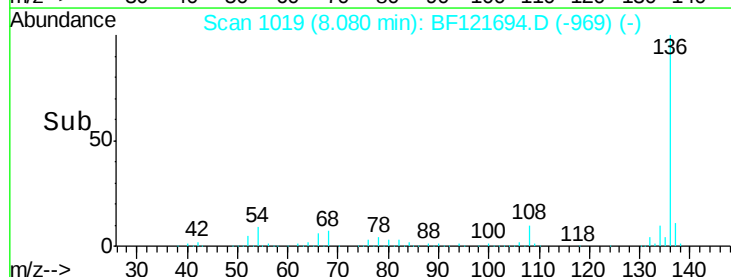
Abundance

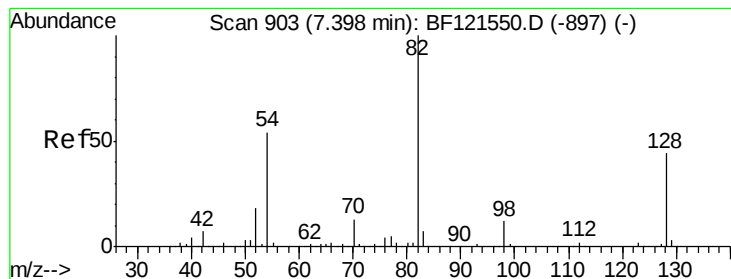
Ion 136.00 (135.70 to 136.70): E

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: 85.557 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB131888BL

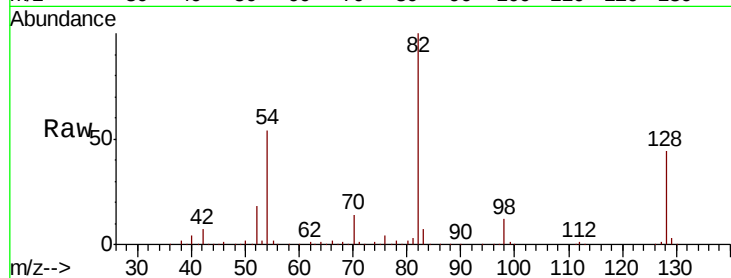
Tot Ion: 82 Resp: 1025811

Ion Ratio Lower Upper

82 100

128 43.7 33.9 50.9

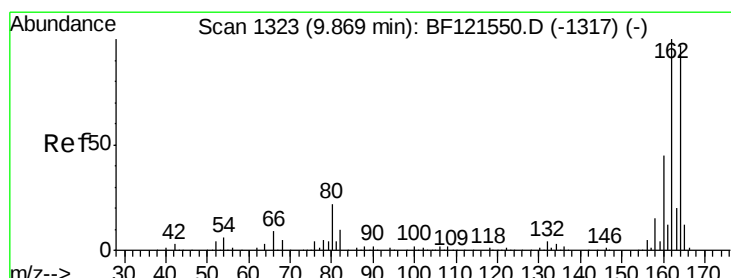
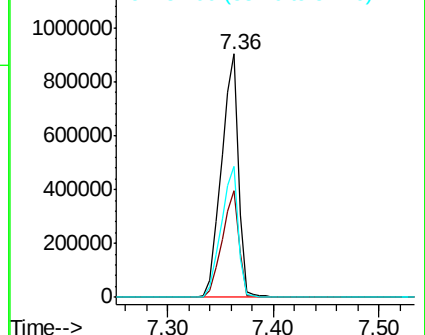
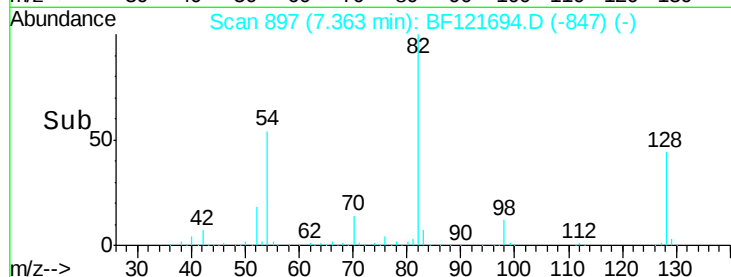
54 53.7 43.2 64.8



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

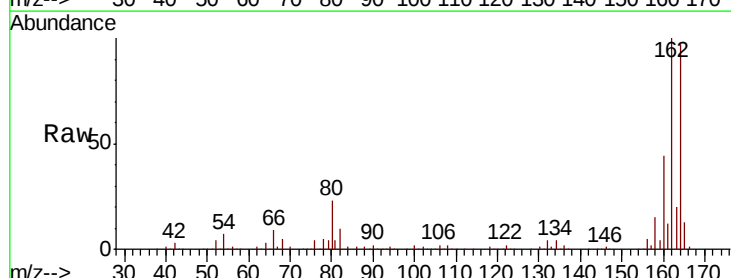
Tgt Ion: 164 Resp: 351146

Ion Ratio Lower Upper

164 100

162 102.9 82.3 123.5

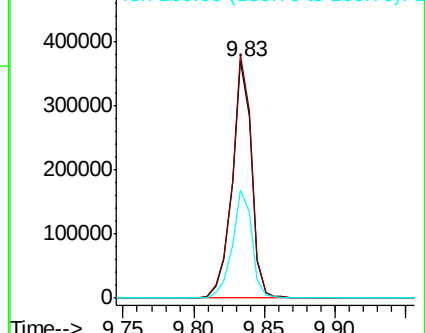
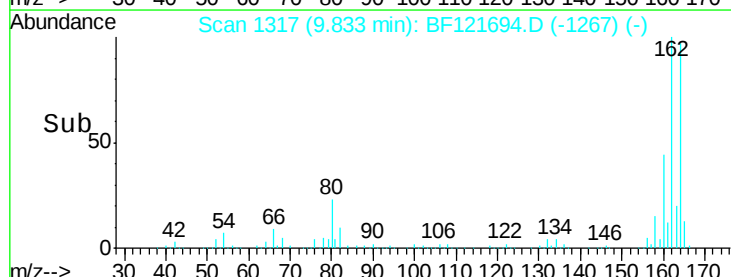
160 45.7 37.1 55.7

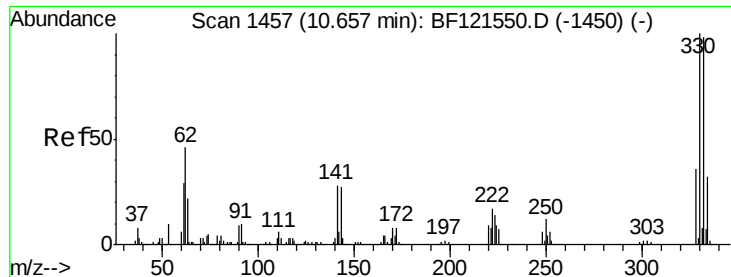


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 125.474 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB131888BL

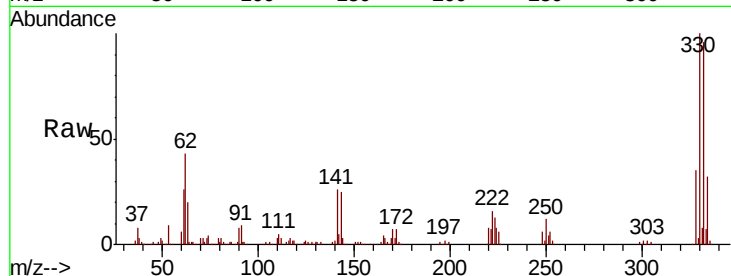
Tot Ion:330 Resp: 547601

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

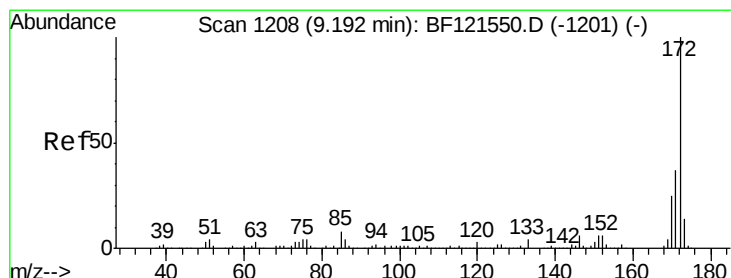
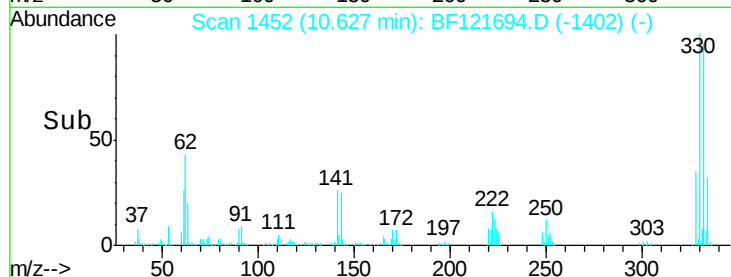
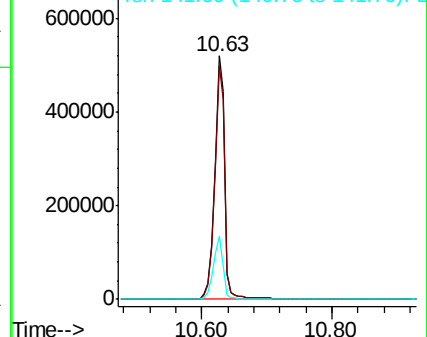
141 26.0 22.2 33.2



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: 79.477 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

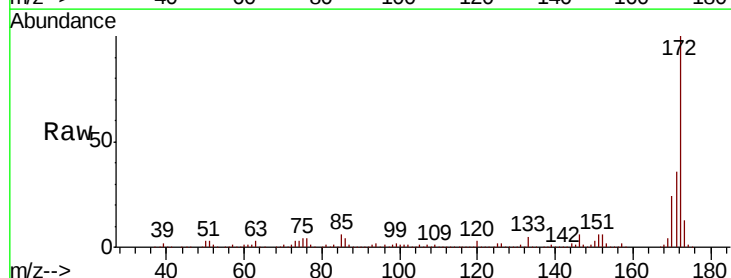
Tgt Ion:172 Resp: 1842689

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

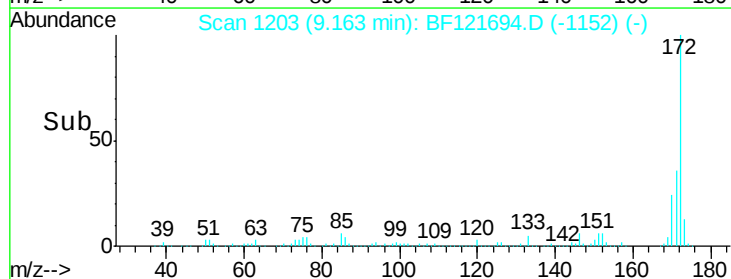
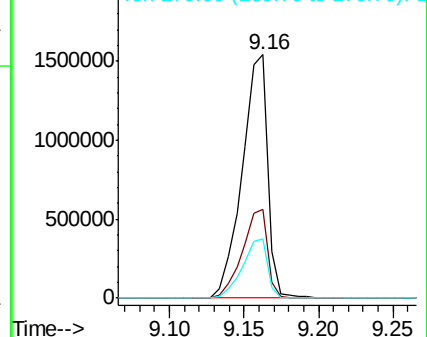
170 24.4 19.6 29.4

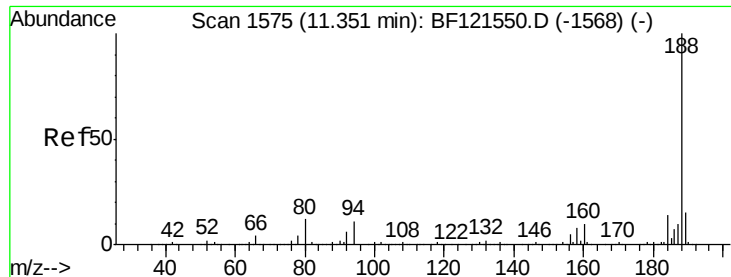


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

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ClientSampleId :

PB131888BL

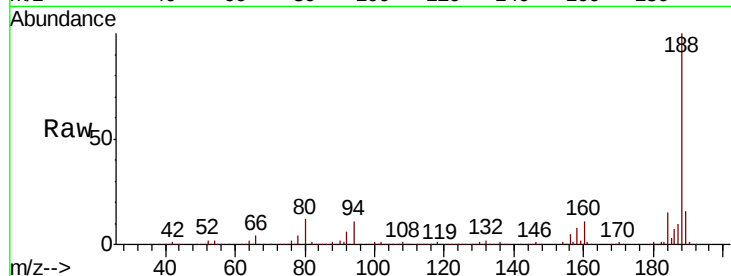
Tot Ion:188 Resp: 711179

Ion Ratio Lower Upper

188 100

94 10.7 7.9 11.9

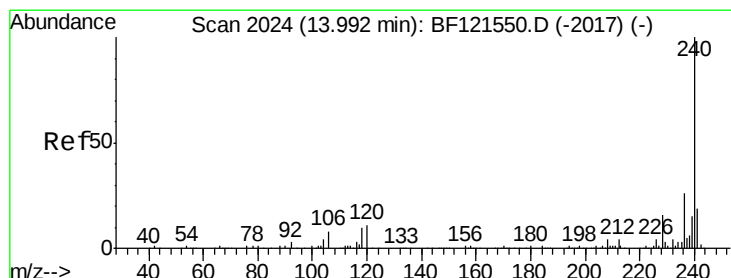
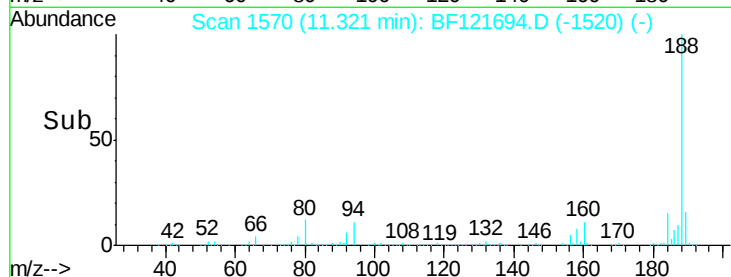
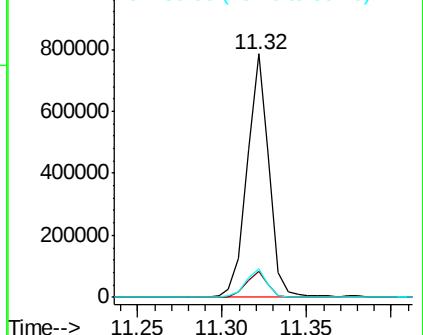
80 11.6 8.6 13.0



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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

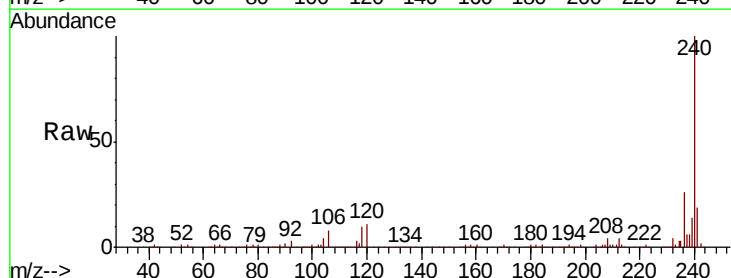
Tgt Ion:240 Resp: 657258

Ion Ratio Lower Upper

240 100

120 11.0 9.9 14.9

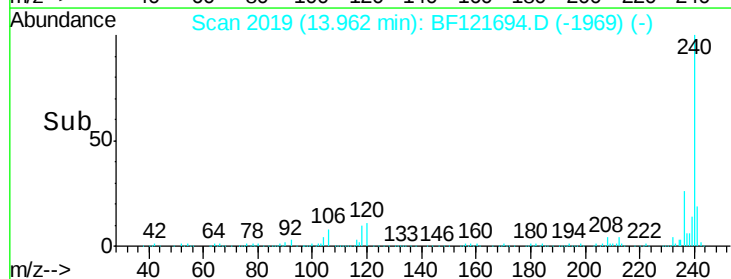
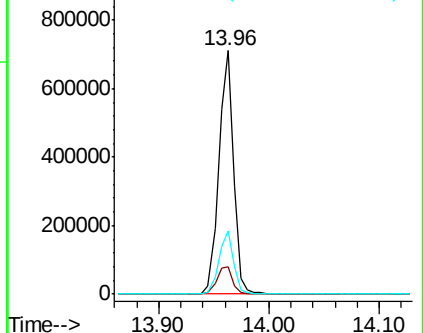
236 26.1 20.6 31.0



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: 73.770 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF121694.D

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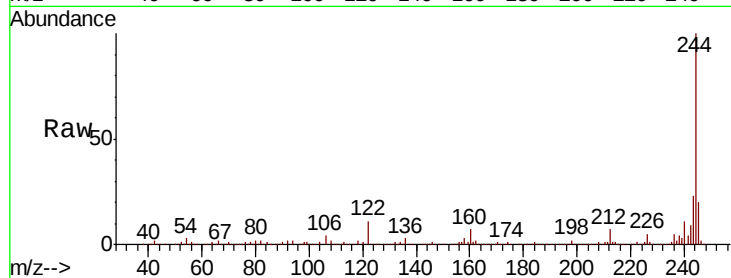
Tot Ion:244 Resp: 2393284

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

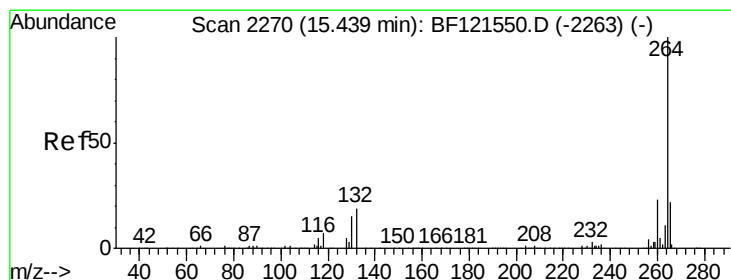
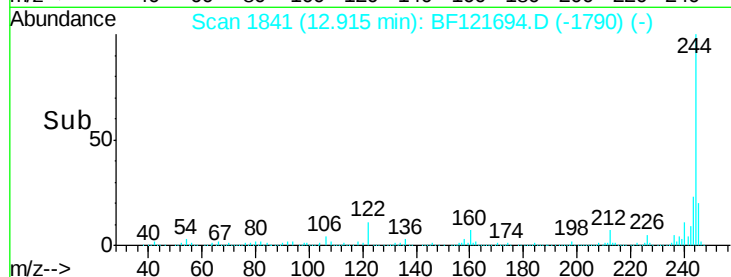
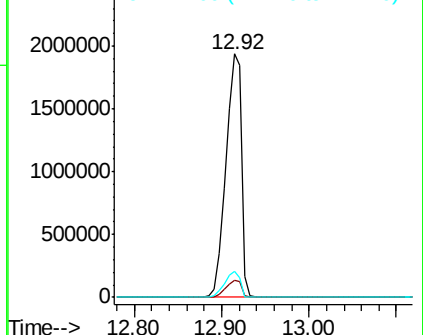
122 10.6 8.2 12.4



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: 15.42 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

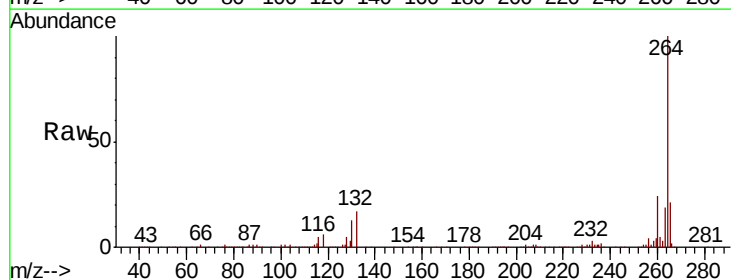
Tgt Ion:264 Resp: 581939

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.3 17.6 26.4



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

