

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121579.D
 Acq On : 15 Sep 2020 15:59
 Operator : JU/CG
 Sample : L4006-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-2

Quant Time: Sep 15 17:06:02 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

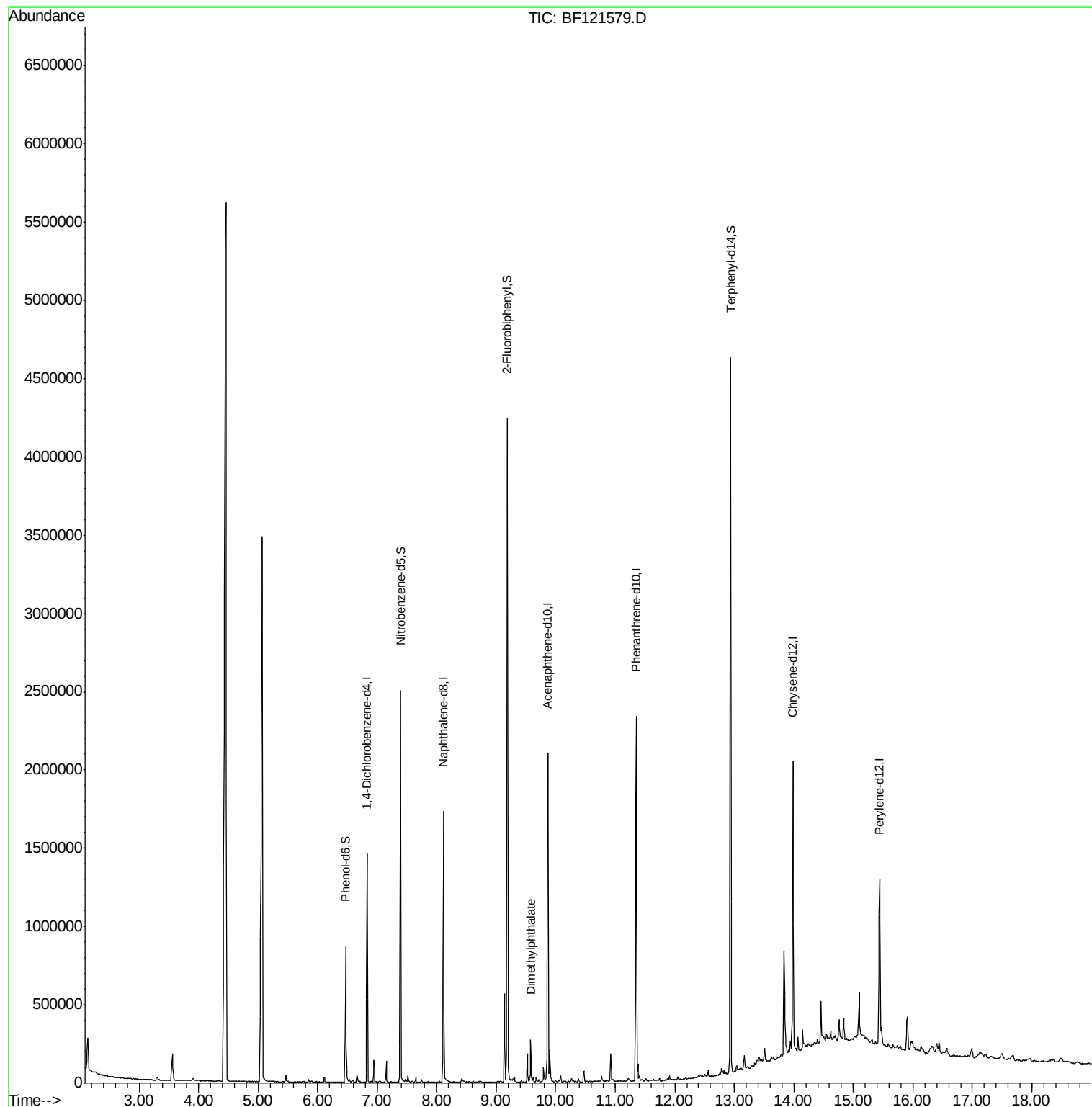
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	210574	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	835551	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	439809	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	823175	20.00	ng	0.00
76) Chrysene-d12	13.99	240	618207	20.00	ng	0.00
86) Perylene-d12	15.44	264	477060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	14902	1.05	ng	0.02
7) Phenol-d6	6.46	99	305275	16.42	ng	0.00
23) Nitrobenzene-d5	7.39	82	784251	50.40	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	160	0.03	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1417912	48.83	ng	0.00
79) Terphenyl-d14	12.94	244	1536522	50.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	110845	3.477	ng	Qvalue 100

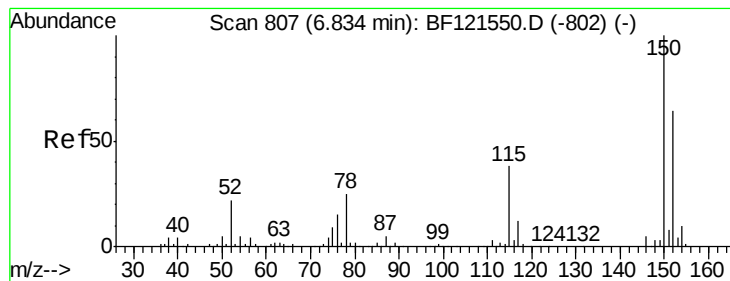
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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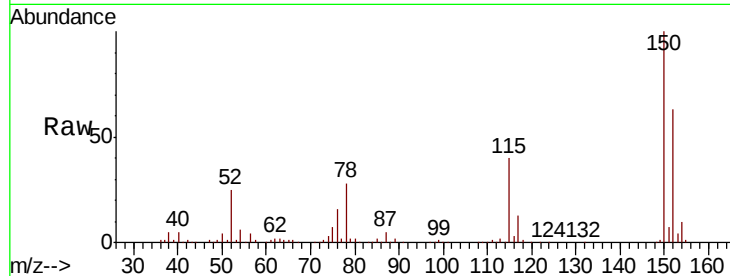


#1

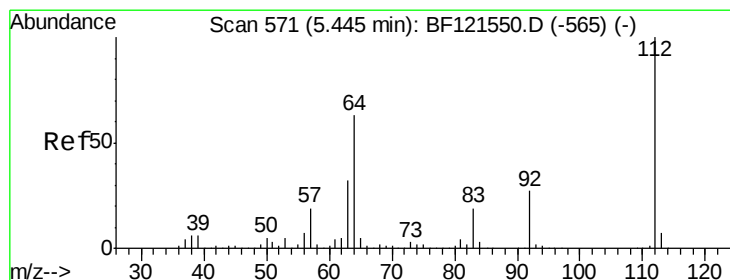
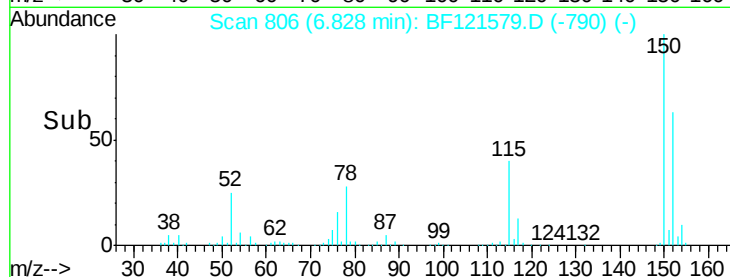
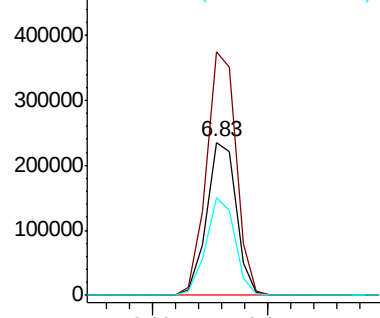
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Instrument :
BNA_F
ClientSampleId :
CON-2

Tot Ion:152 Resp: 210574
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 64.1 47.8 71.8



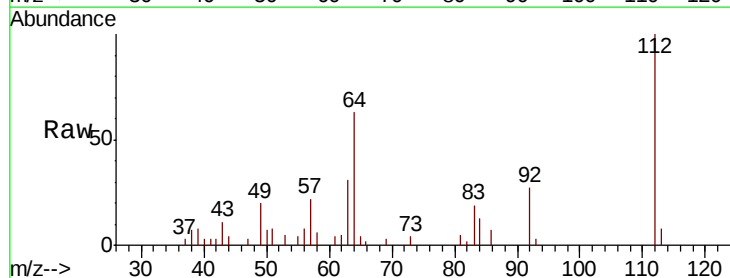
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



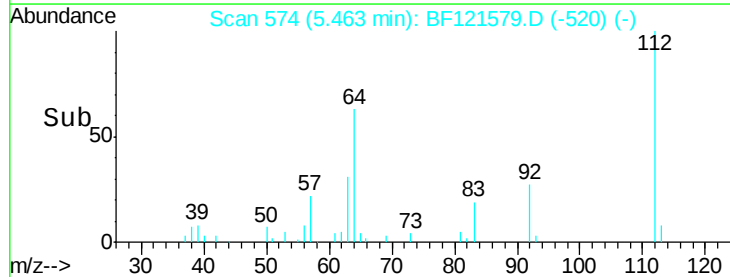
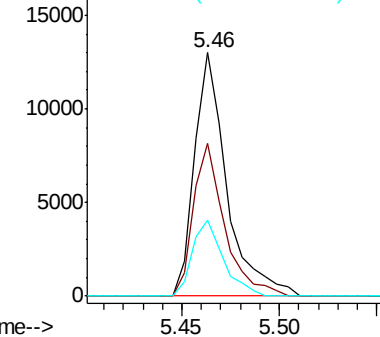
#5

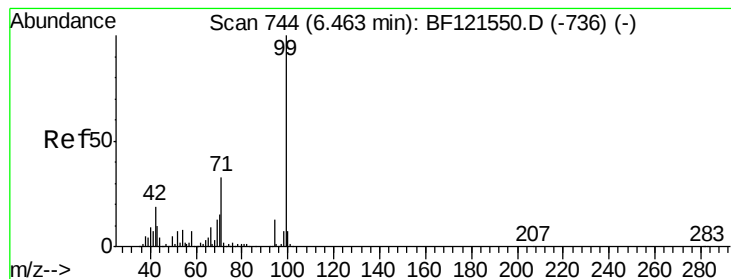
2-Fluorophenol
Concen: 1.052 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion:112 Resp: 14902
Ion Ratio Lower Upper
112 100
64 62.8 50.3 75.5
63 31.4 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: 16.422 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

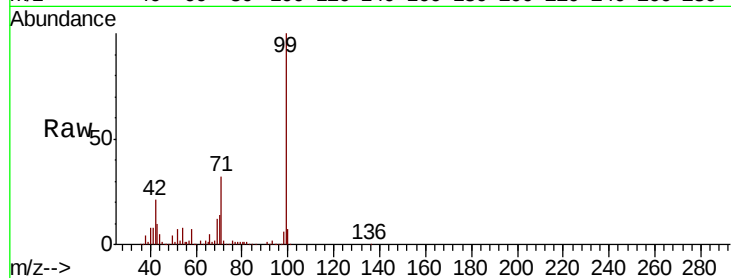
Tot Ion: 99 Resp: 305275

Ion Ratio Lower Upper

99 100

42 20.7 15.5 23.3

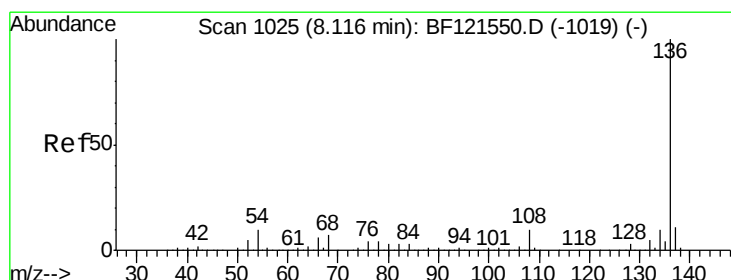
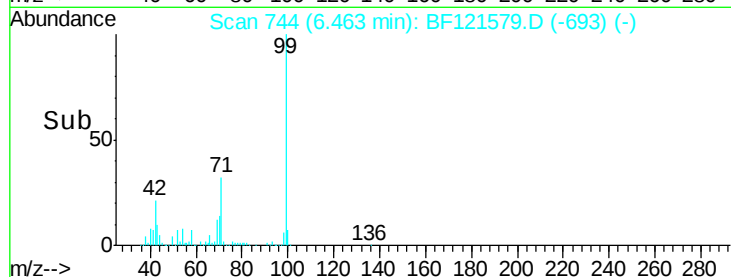
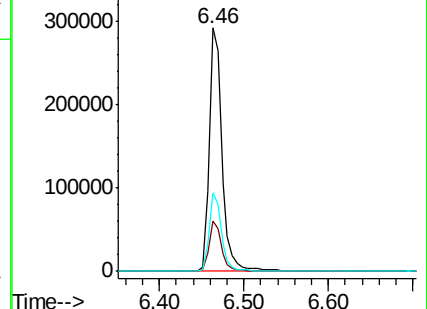
71 32.1 26.1 39.1



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: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Tgt Ion: 136 Resp: 835551

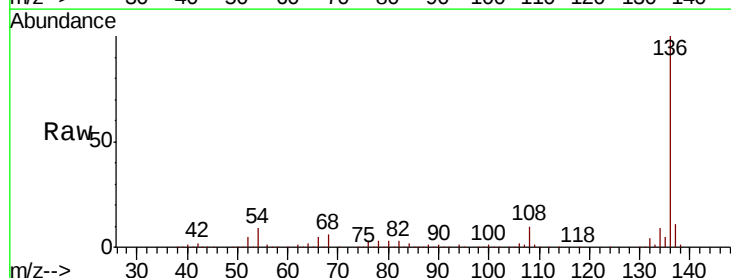
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.7 7.6 11.4

68 6.5 5.7 8.5

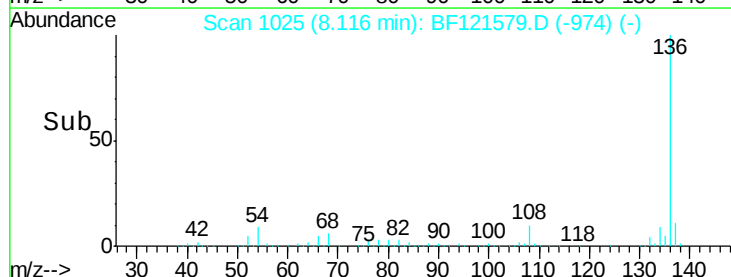
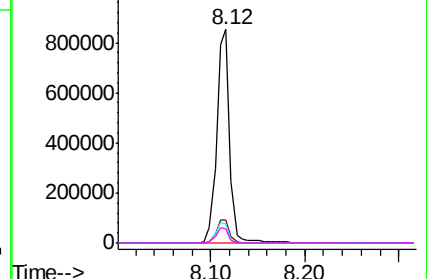


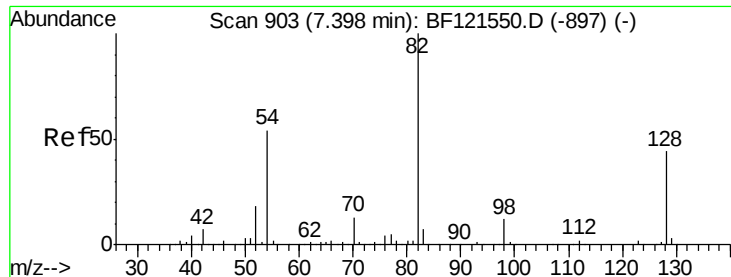
Abundance Ion 136.00 (135.70 to 136.70): E

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

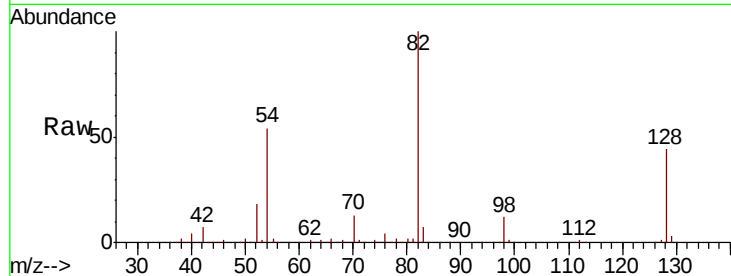




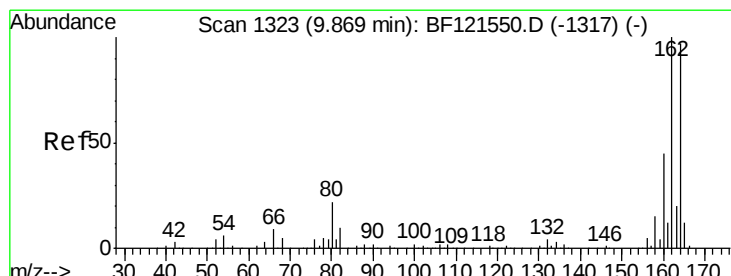
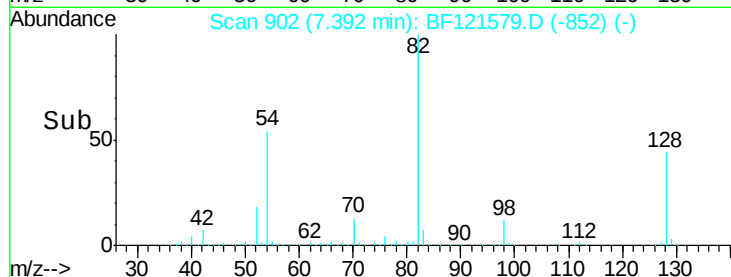
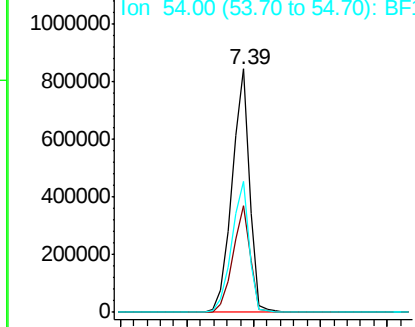
#23
Nitrobenzene-d5
Concen: 50.395 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Instrument :
BNA_F
ClientSampleId :
CON-2

Tot Ion: 82 Resp: 784251
Ion Ratio Lower Upper
82 100
128 44.1 35.1 52.7
54 53.8 43.0 64.6

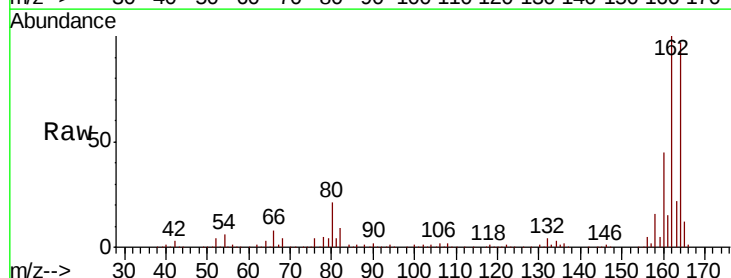


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

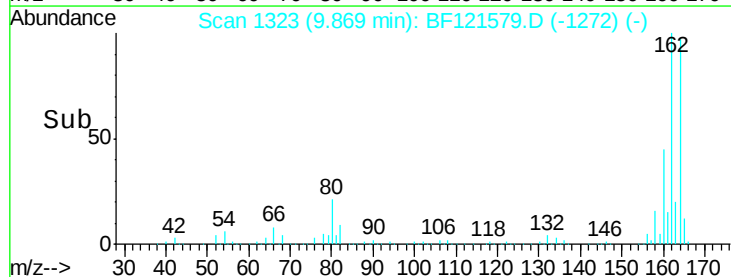
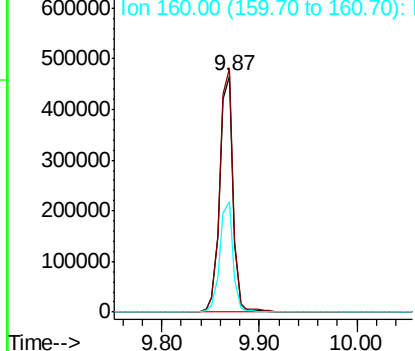


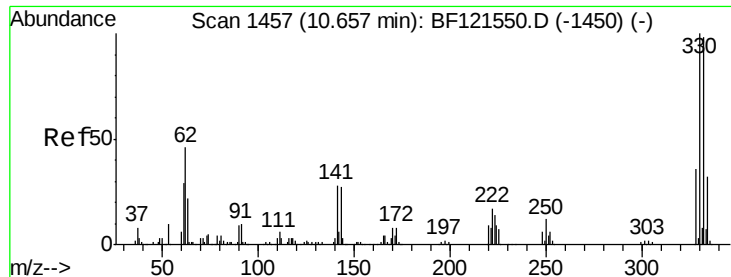
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion: 164 Resp: 439809
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 46.7 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: 0.029 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

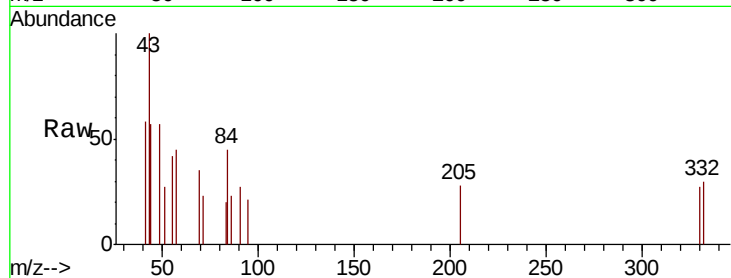
Tot Ion:330 Resp: 160

Ion Ratio Lower Upper

330 100

332 110.6 77.1 115.7

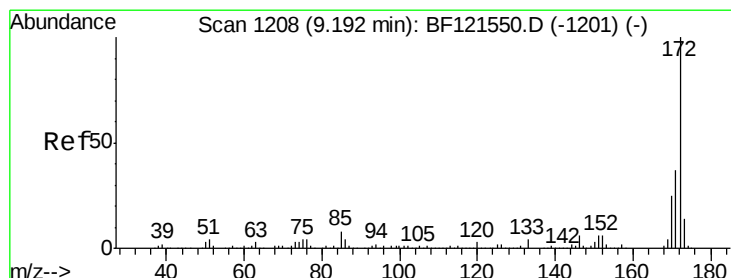
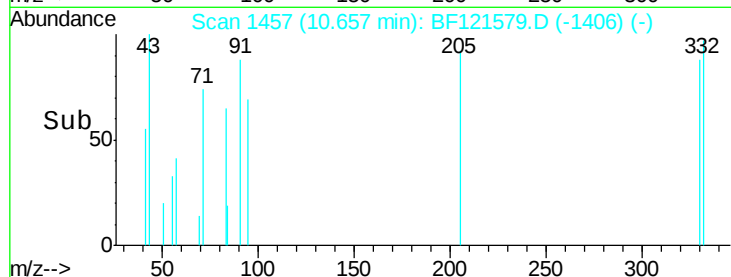
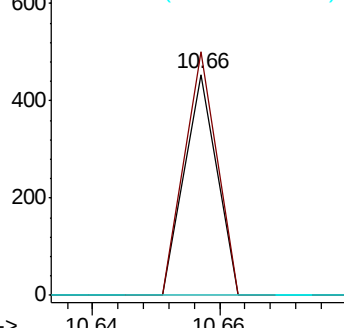
141 0.0 23.6 35.4#



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: 48.827 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

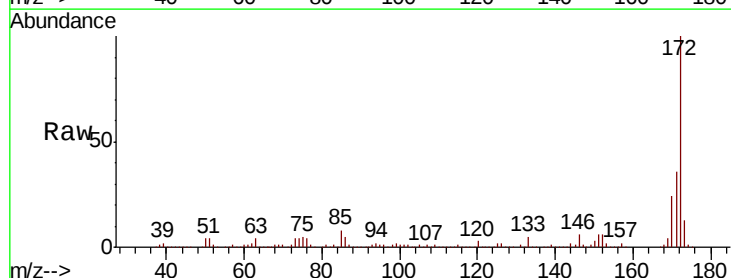
Tgt Ion:172 Resp: 1417912

Ion Ratio Lower Upper

172 100

171 36.0 29.8 44.6

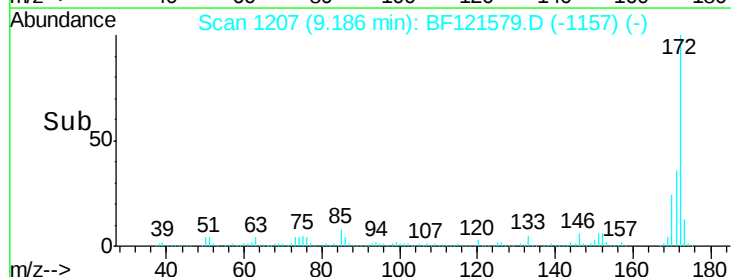
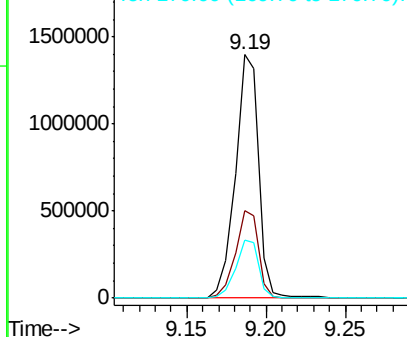
170 24.1 19.8 29.8

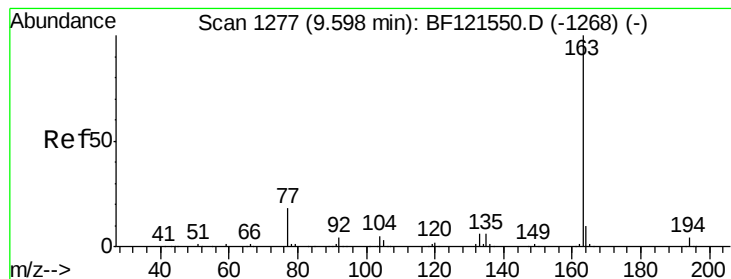


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.477 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

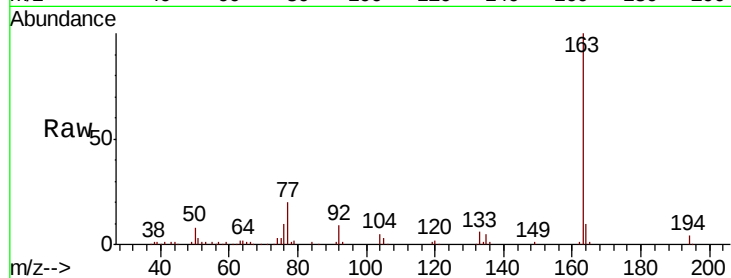
Tot Ion:163 Resp: 110845

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

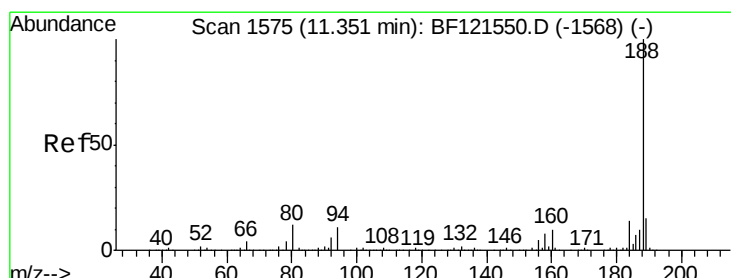
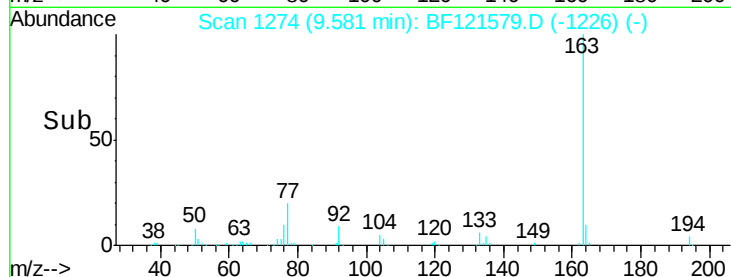
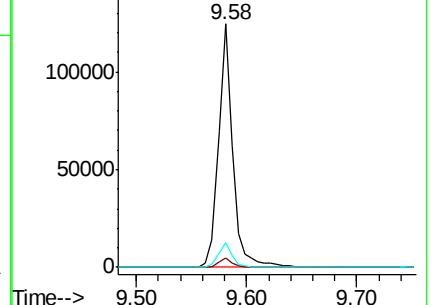
164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

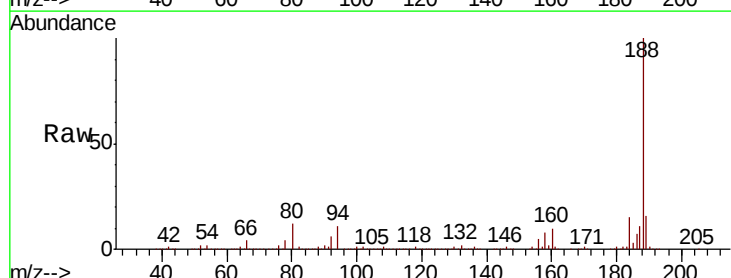
Tgt Ion:188 Resp: 823175

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

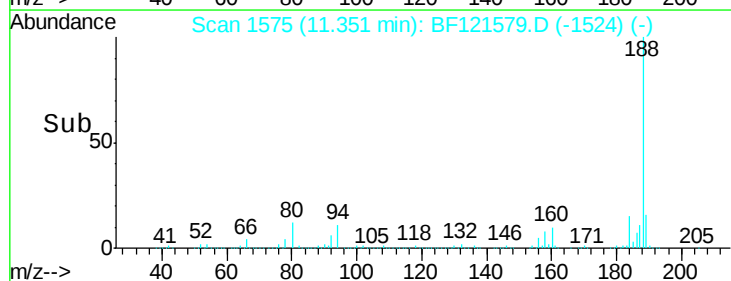
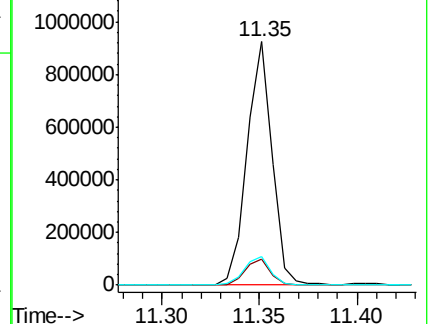
80 11.5 9.3 13.9

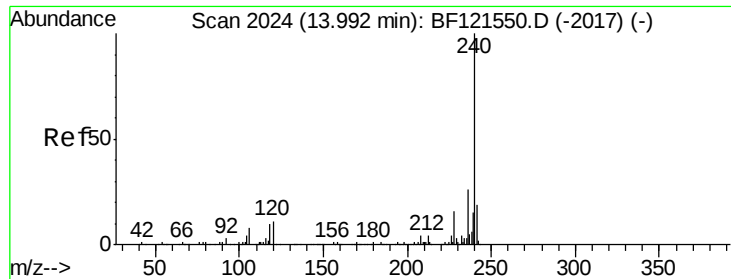


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

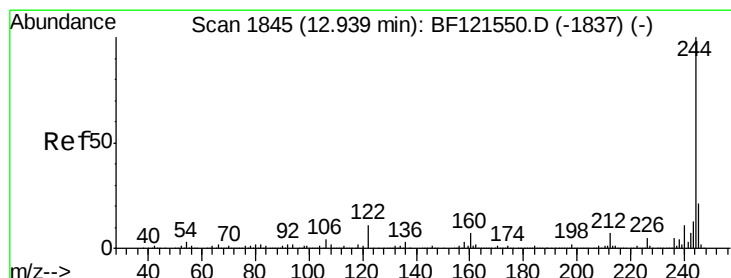
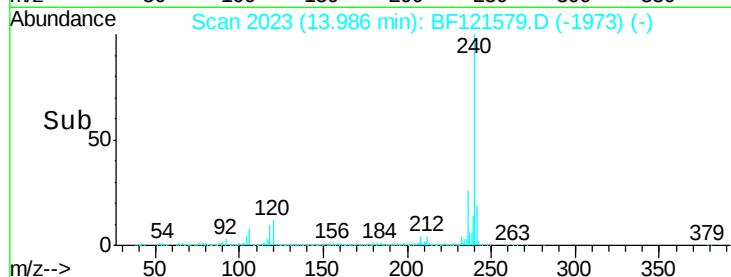
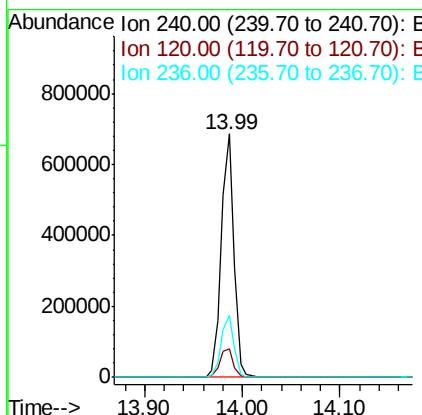
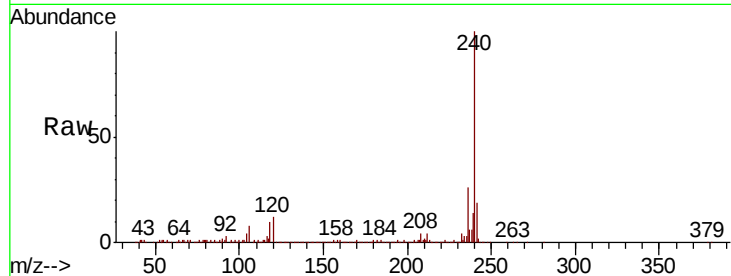




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

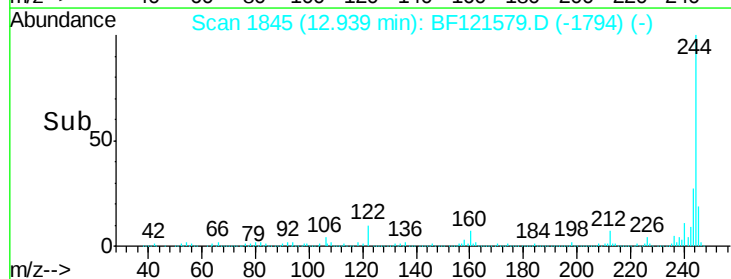
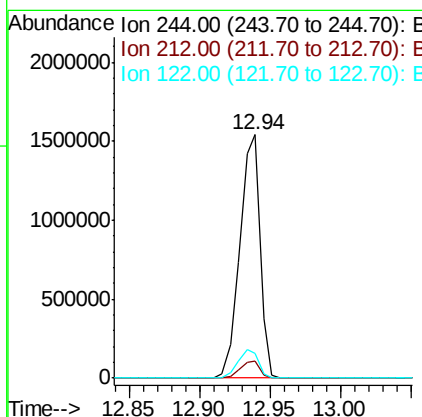
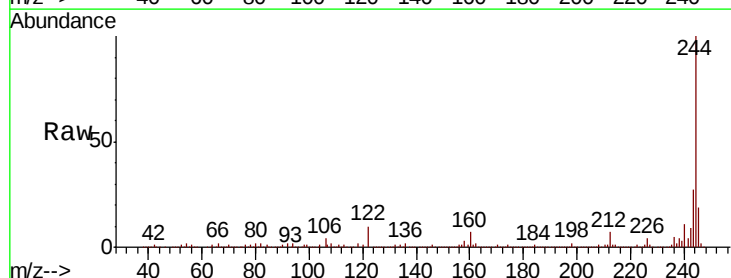
Instrument :
BNA_F
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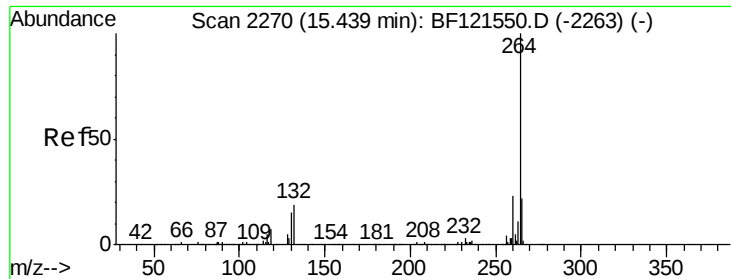
Tot Ion:240 Resp: 618207
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 50.353 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion:244 Resp: 1536522
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.3 8.7 13.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Instrument :
BNA_F
ClientSampleId :
CON-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.5	17.8	26.6

