

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121533.D
 Acq On : 8 Sep 2020 21:02
 Operator : JU/CG
 Sample : L3915-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A1-0-4-C

Quant Time: Sep 09 07:19:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	297670	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1126499	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	584571	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1115151	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	885549	20.00	ng	-0.02
86) Perylene-d12	15.45	264	764838	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1838493	103.62	ng	0.01
7) Phenol-d6	6.47	99	2180532	87.94	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1716162	104.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	838910	142.08	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2951514	81.47	ng	-0.01
79) Terphenyl-d14	12.95	244	3093511	73.53	ng	0.00

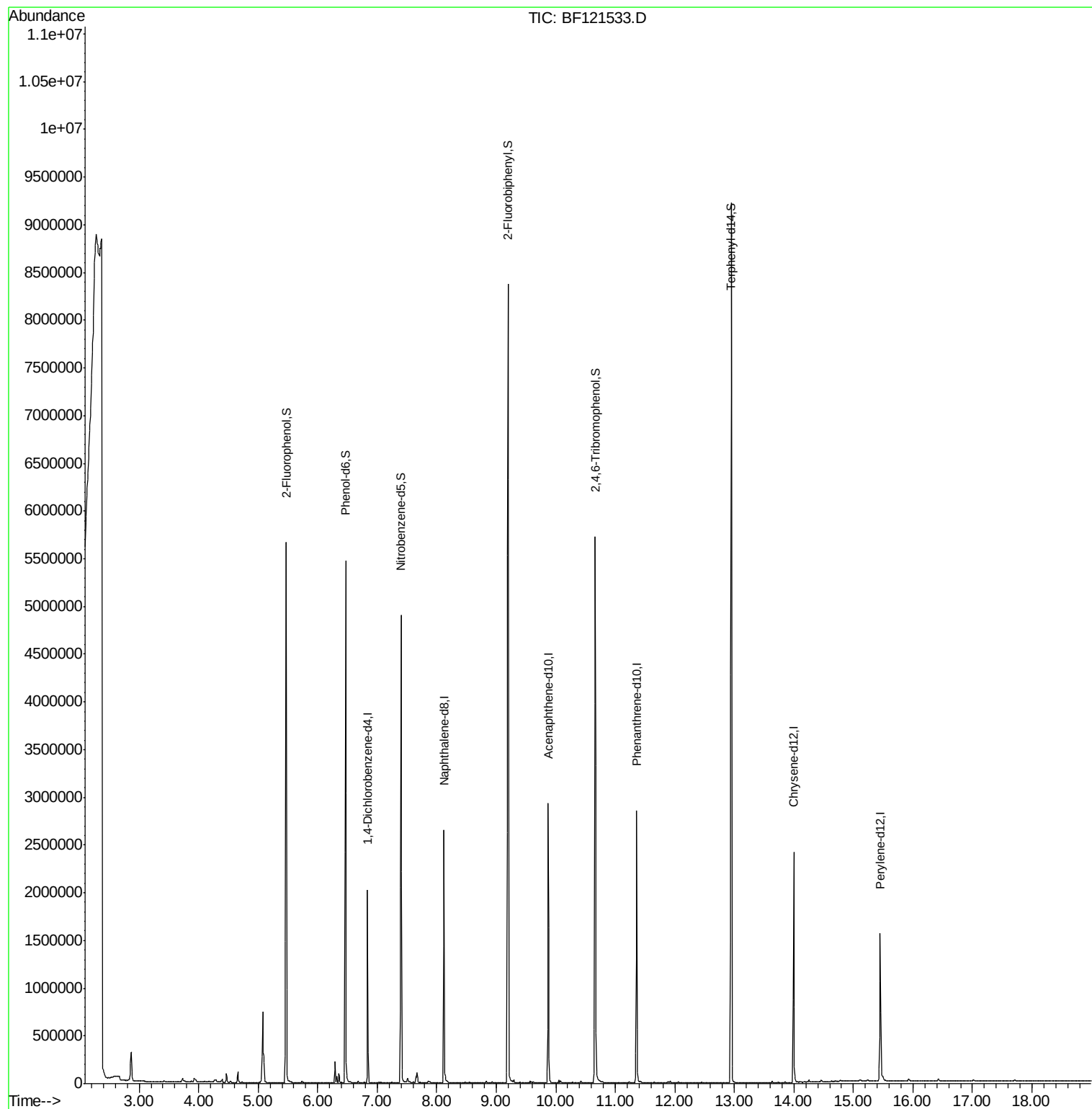
Target Compounds Qvalue

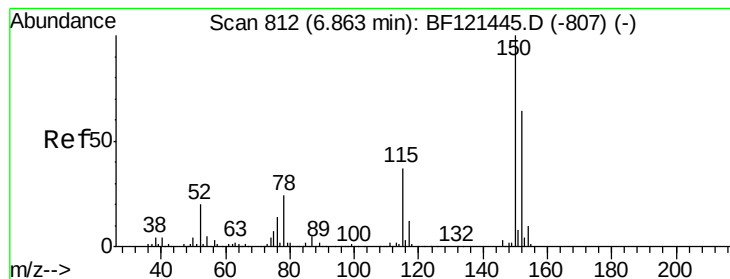
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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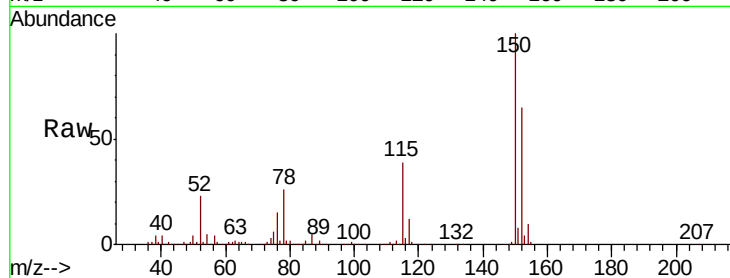


#1

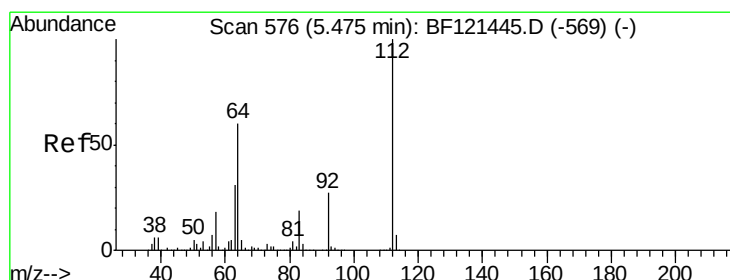
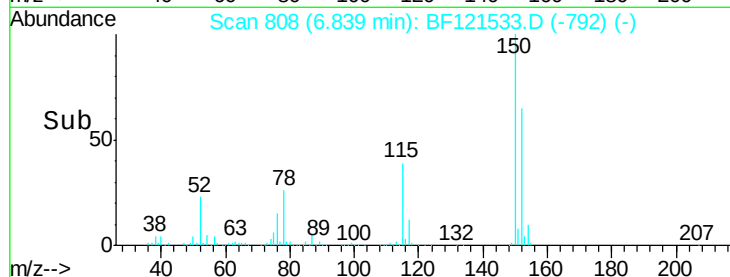
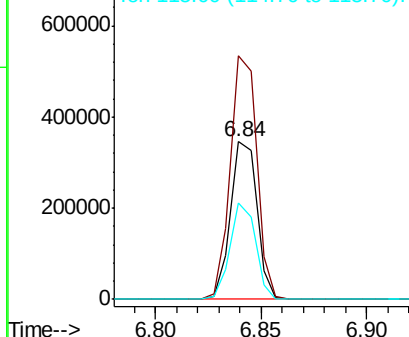
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121533.D
Acq: 8 Sep 2020 21:02

Instrument :
BNA_F
ClientSampleId :
WC-PM-A1-0-4-C

Tot Ion:152 Resp: 297670
Ion Ratio Lower Upper
152 100
150 154.6 126.1 189.1
115 61.0 48.4 72.6



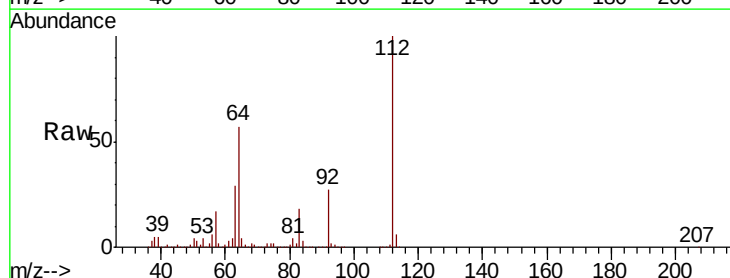
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



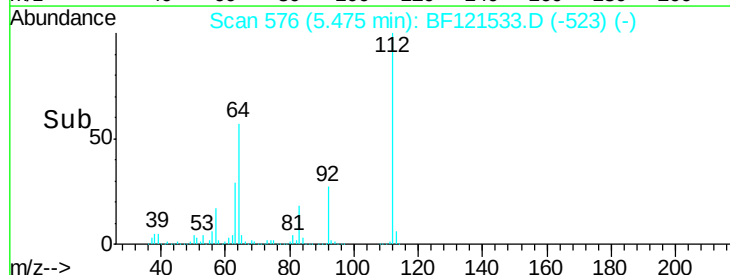
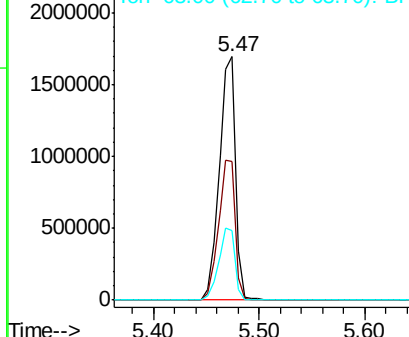
#5

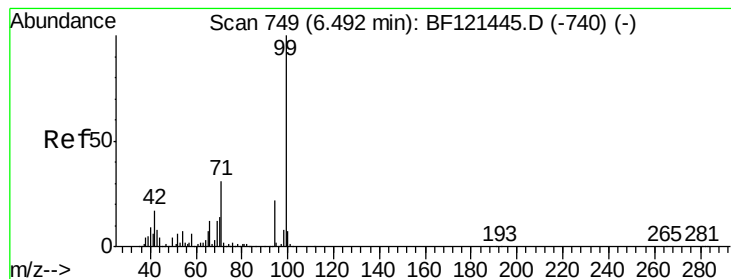
2-Fluorophenol
Concen: 103.622 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF121533.D
Acq: 8 Sep 2020 21:02

Tgt Ion:112 Resp: 1838493
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.7 23.4 35.2



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: 87.945 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121533.D

Acq: 8 Sep 2020 21:02

Instrument :

BNA_F

ClientSampleId :

WC-PM-A1-0-4-C

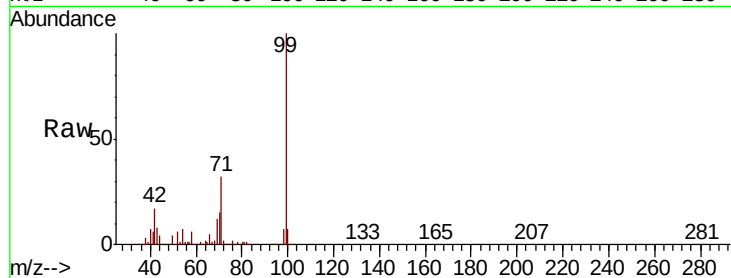
Tot Ion: 99 Resp: 2180532

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.4

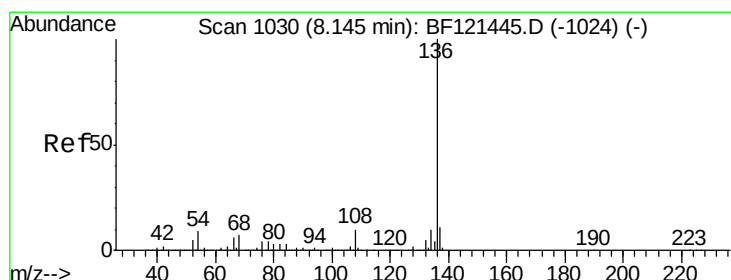
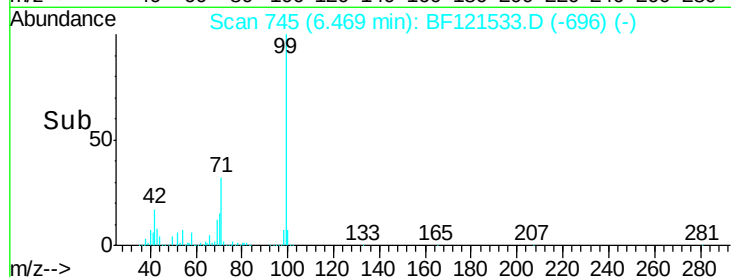
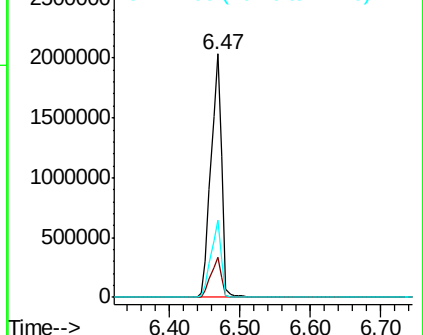
71 31.8 24.8 37.2



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121533.D

Acq: 8 Sep 2020 21:02

Tgt Ion: 136 Resp: 1126499

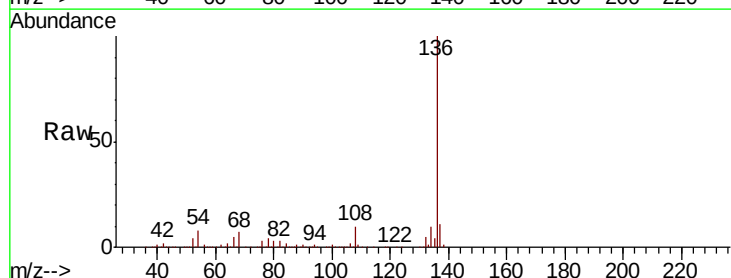
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 6.2 9.4

68 6.6 5.1 7.7

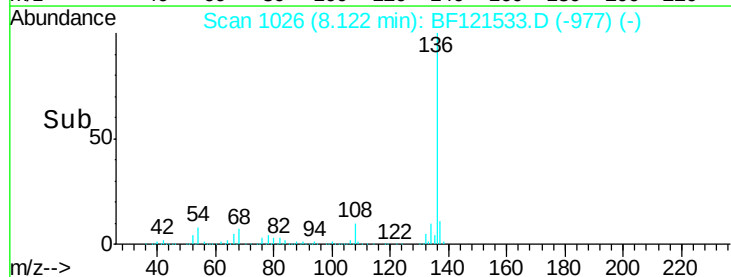
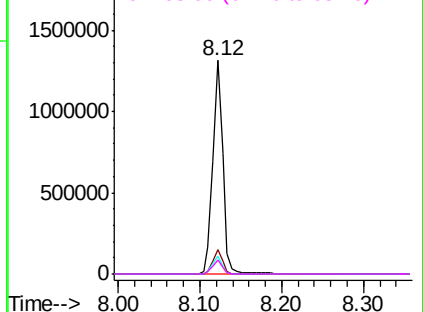


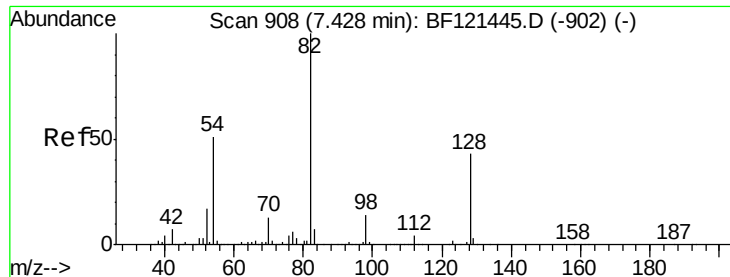
Abundance Ion 136.00 (135.70 to 136.70): E

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



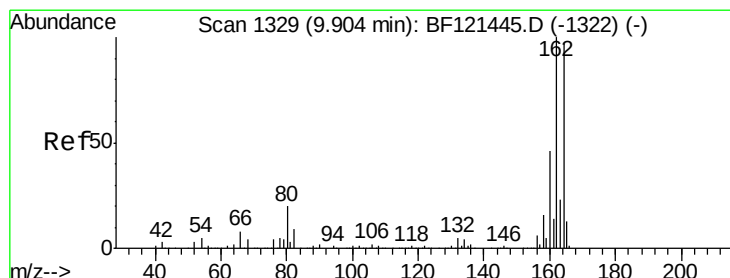
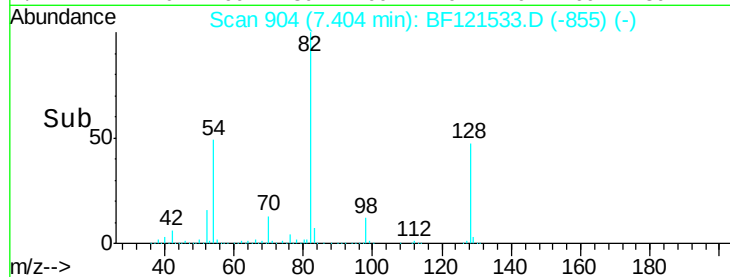
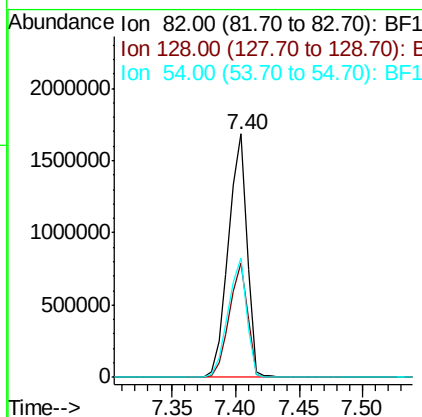
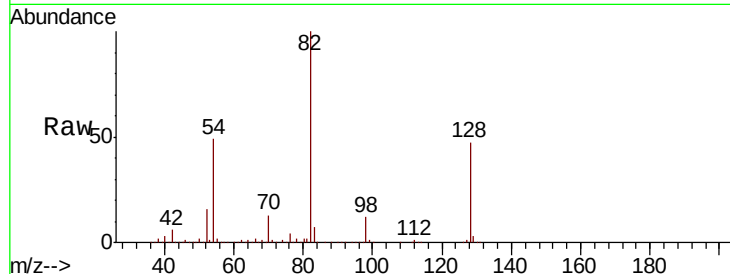


#23
 Nitrobenzene-d5
 Concen: 104.151 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121533.D
 Acq: 8 Sep 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A1-0-4-C

Tot Ion: 82 Resp: 1716162

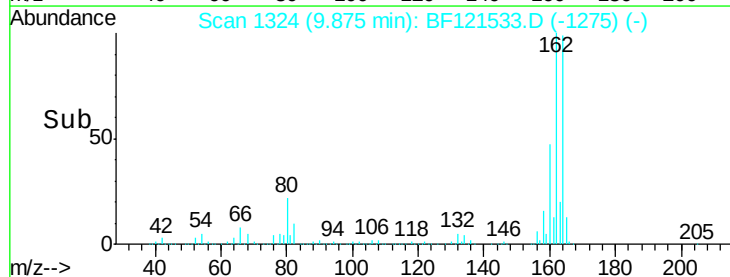
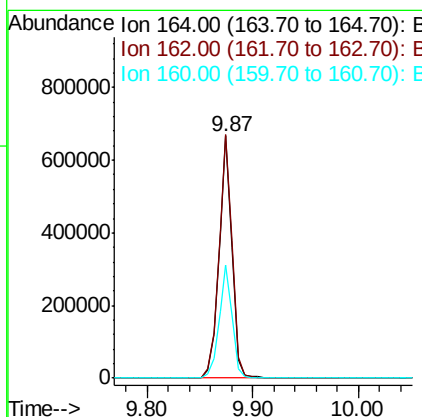
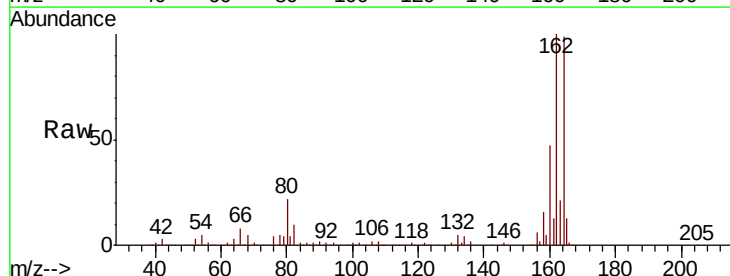
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.3	55.9
54	49.0	39.0	58.6

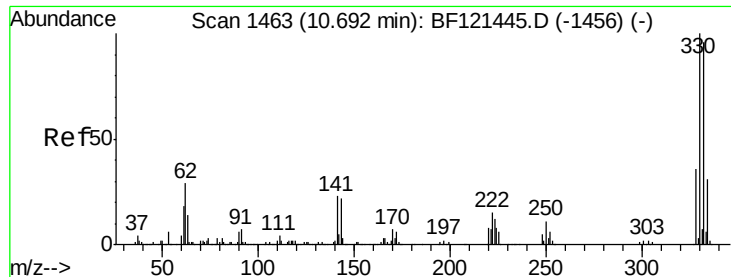


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121533.D
 Acq: 8 Sep 2020 21:02

Tgt Ion: 164 Resp: 584571

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	47.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 142.080 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF121533.D

Acq: 8 Sep 2020 21:02

Instrument :

BNA_F

ClientSampleId :

WC-PM-A1-0-4-C

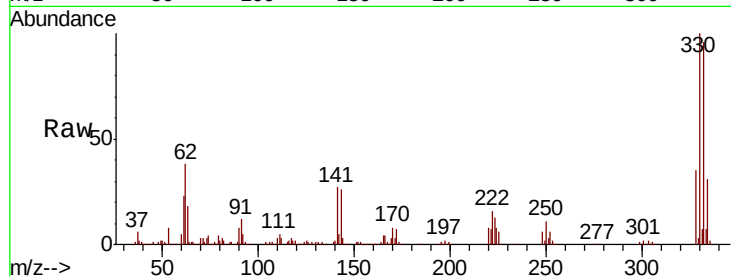
Tot Ion:330 Resp: 838910

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.2

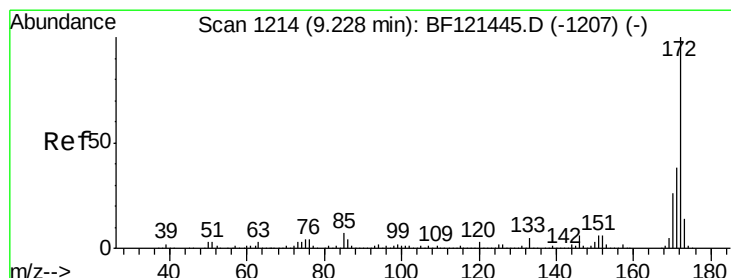
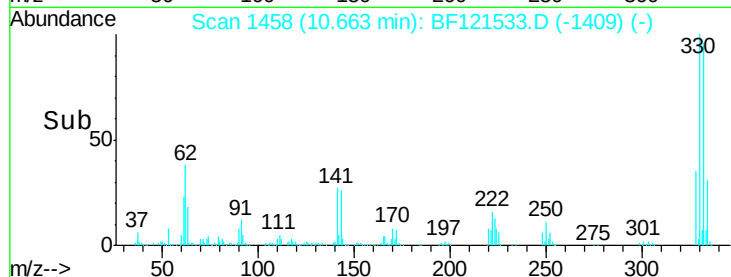
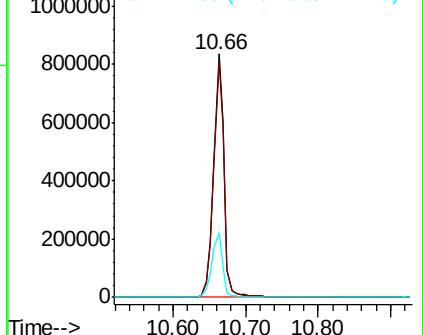
141 27.8 22.6 34.0



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: 81.467 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF121533.D

Acq: 8 Sep 2020 21:02

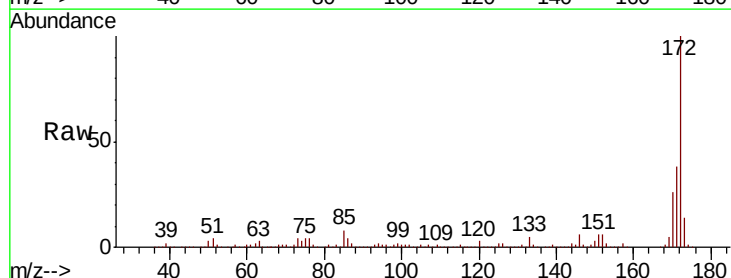
Tgt Ion:172 Resp: 2951514

Ion Ratio Lower Upper

172 100

171 38.1 30.4 45.6

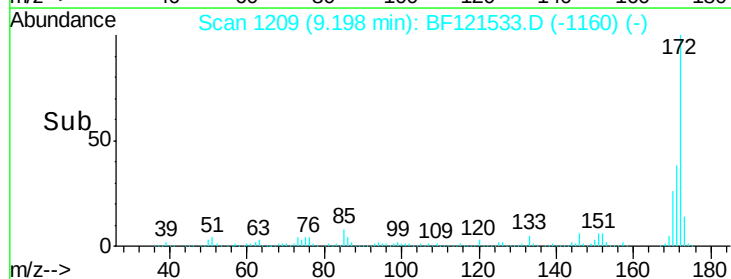
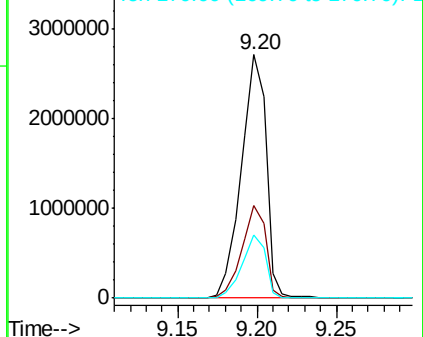
170 25.9 20.7 31.1

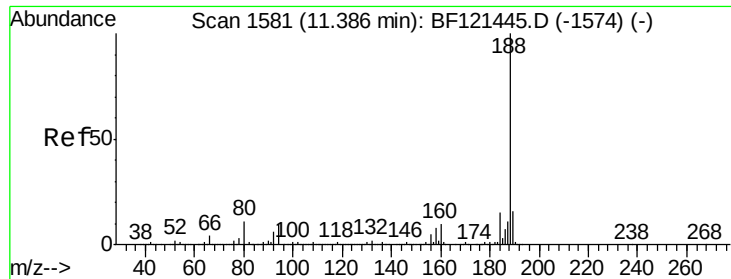


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF121533.D

Acq: 8 Sep 2020 21:02

Instrument :

BNA_F

ClientSampleId :

WC-PM-A1-0-4-C

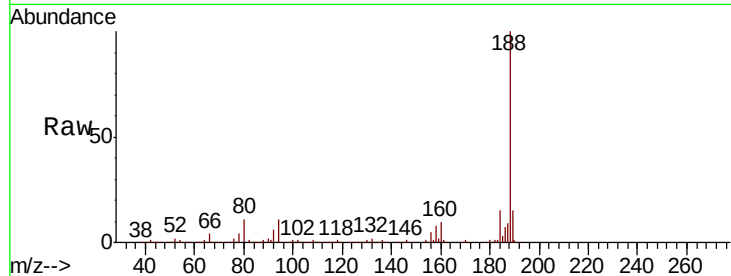
Tot Ion:188 Resp: 1115151

Ion Ratio Lower Upper

188 100

94 10.9 8.8 13.2

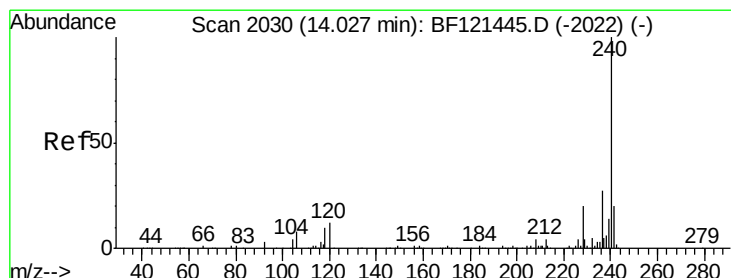
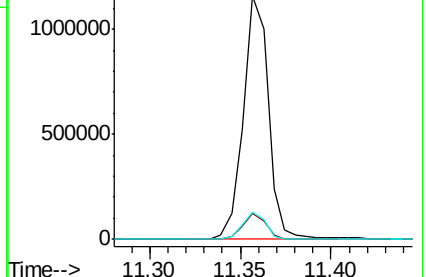
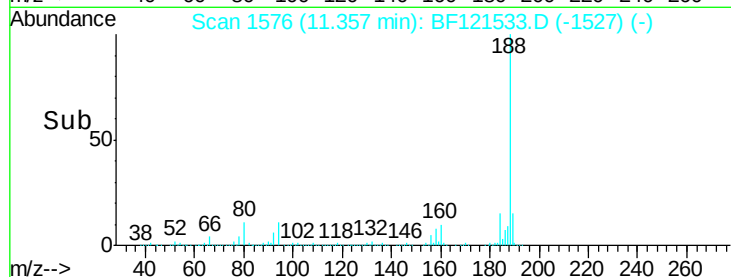
80 11.3 9.1 13.7



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF121533.D

Acq: 8 Sep 2020 21:02

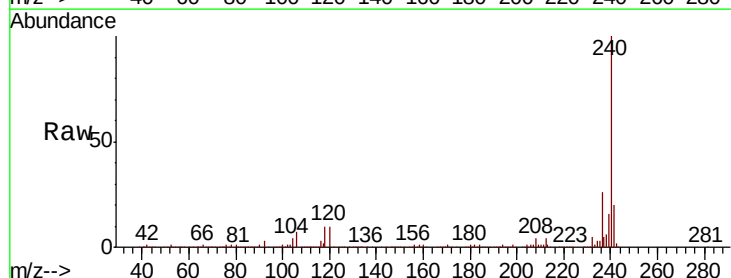
Tgt Ion:240 Resp: 885549

Ion Ratio Lower Upper

240 100

120 10.5 8.0 12.0

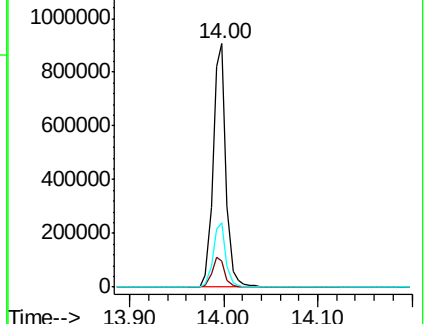
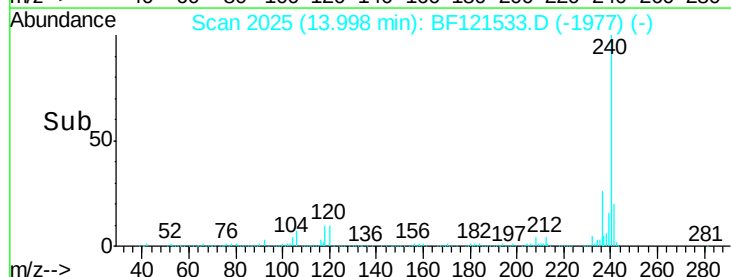
236 26.4 21.4 32.2

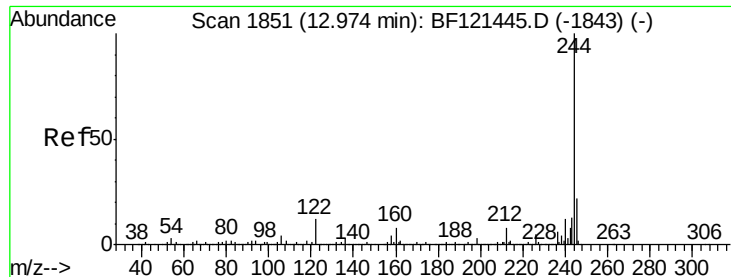


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

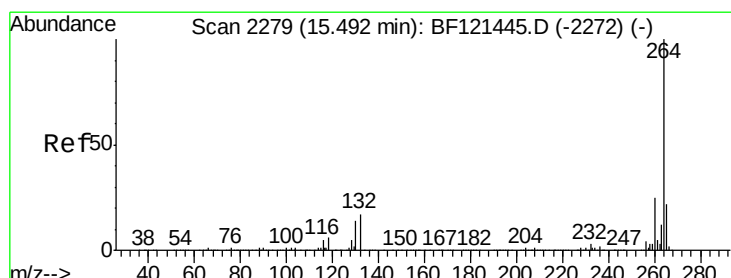
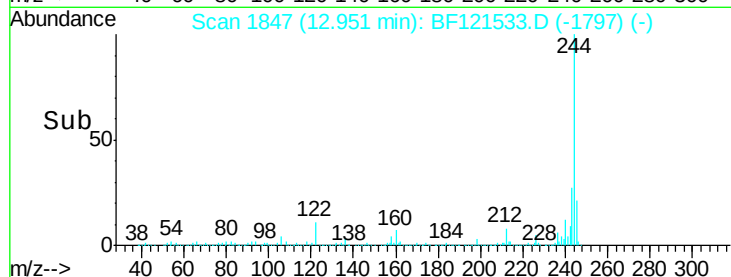
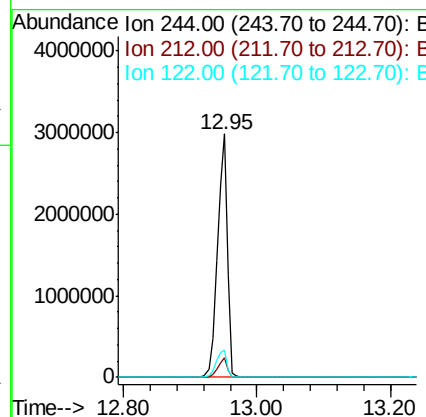
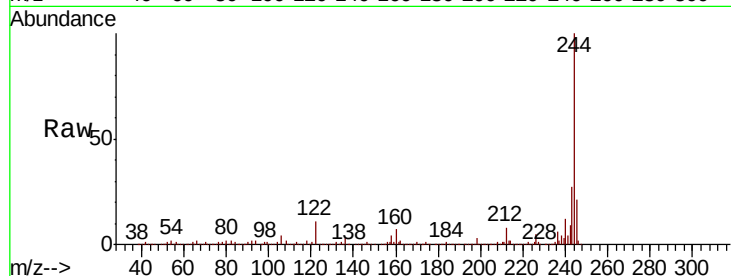




#79
 Terphenyl-d14
 Concen: 73.533 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF121533.D
 Acq: 8 Sep 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A1-0-4-C

Tot Ion:244 Resp: 3093511
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.2 9.3 13.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF121533.D
 Acq: 8 Sep 2020 21:02

Tgt Ion:264 Resp: 764838
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.7 29.5
 265 22.1 17.4 26.2

