

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121525.D
 Acq On : 8 Sep 2020 16:44
 Operator : JU/CG
 Sample : PB131478TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131478TB

Quant Time: Sep 08 19:04:39 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	329462	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1256358	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	657187	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1265470	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1100909	20.00	ng	-0.02
86) Perylene-d12	15.46	264	1077204	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2136342	108.79	ng	0.00
7) Phenol-d6	6.47	99	2770592	100.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1801707	98.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	890935	134.22	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3197058	78.49	ng	-0.01
79) Terphenyl-d14	12.95	244	3405842	65.12	ng	0.00

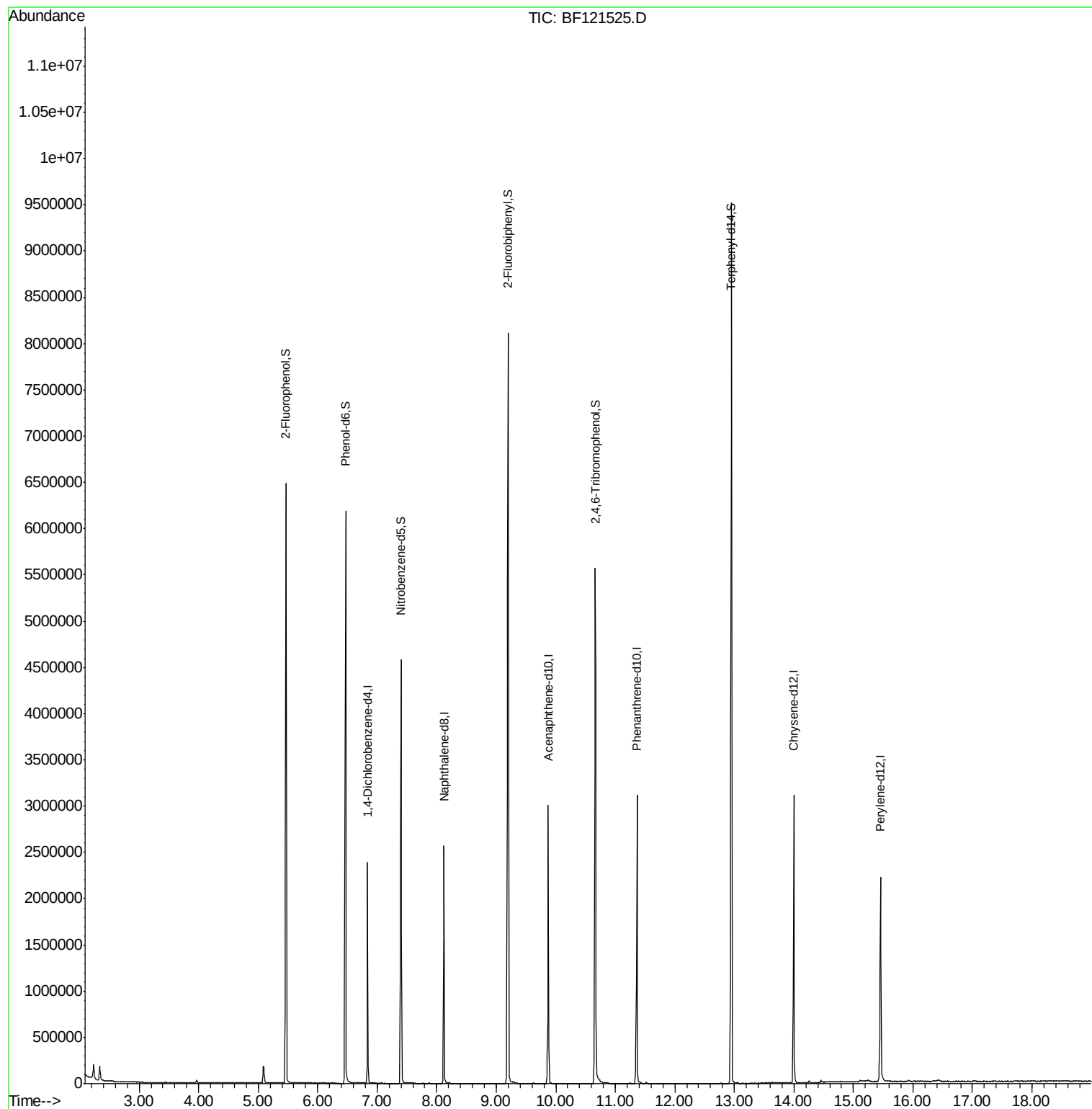
Target Compounds Qvalue

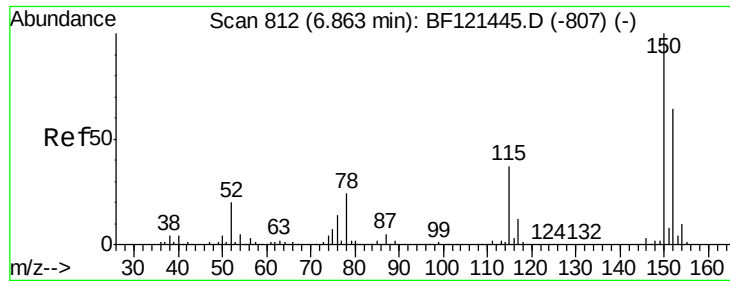
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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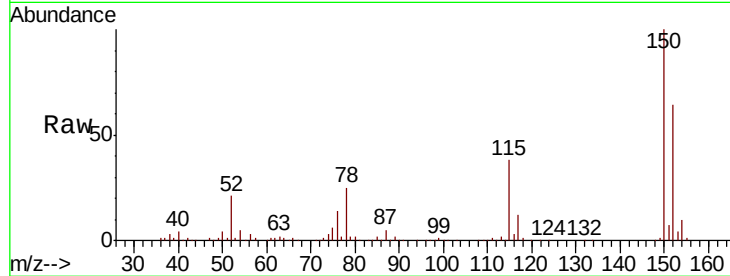


#1

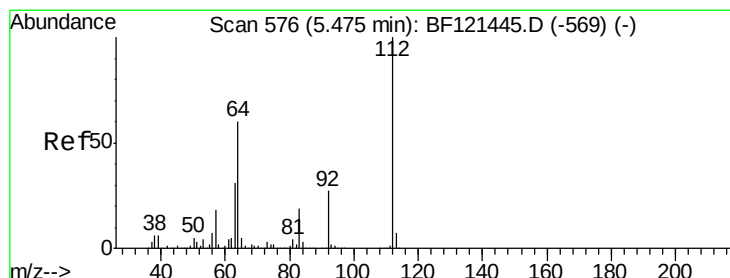
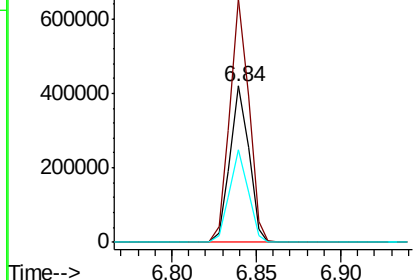
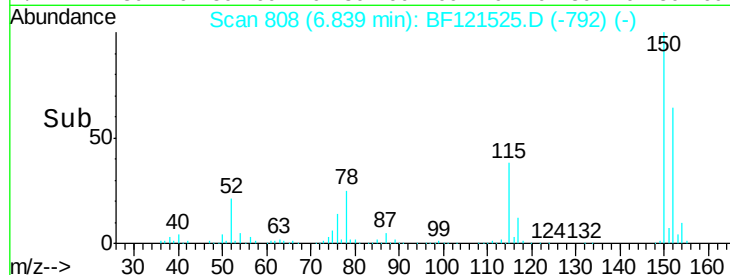
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121525.D
 Acq: 8 Sep 2020 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB131478TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.1	189.1
115	59.0	48.4	72.6



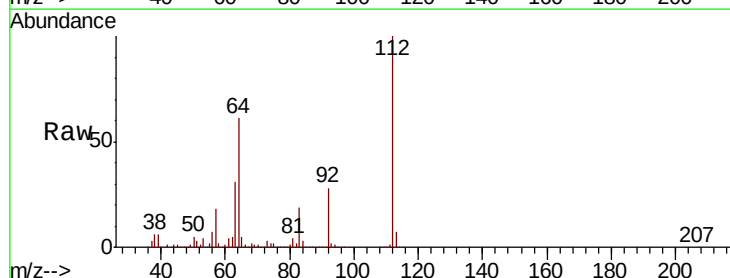
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



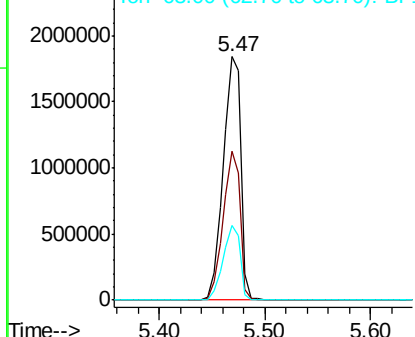
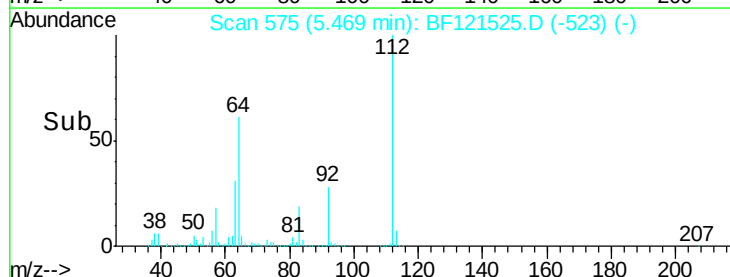
#5

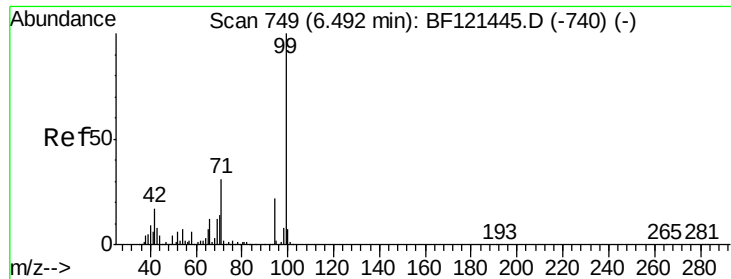
2-Fluorophenol
 Concen: 108.791 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF121525.D
 Acq: 8 Sep 2020 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.0	69.0
63	30.7	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: 100.960 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121525.D

Acq: 8 Sep 2020 16:44

Instrument :

BNA_F

ClientSampleId :

PB131478TB

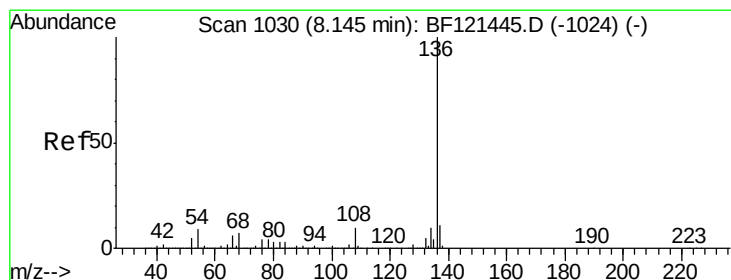
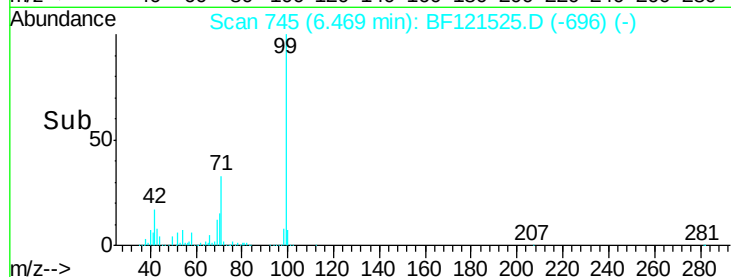
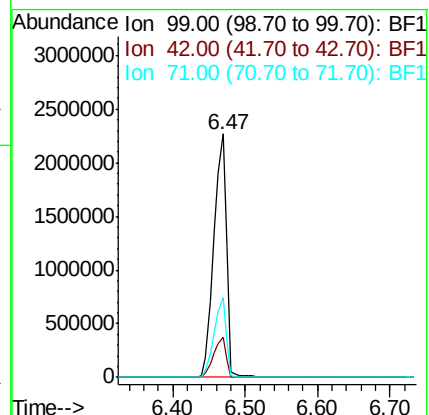
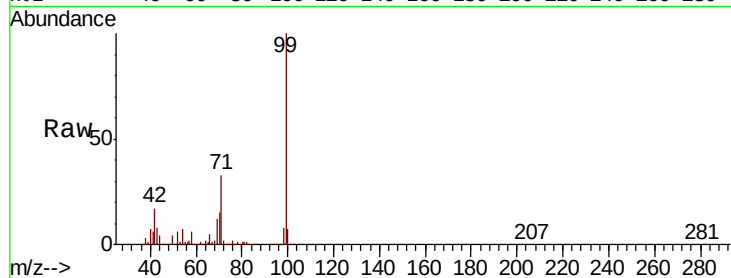
Tot Ion: 99 Resp: 2770592

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.4

71 32.6 24.8 37.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121525.D

Acq: 8 Sep 2020 16:44

Tgt Ion: 136 Resp: 1256358

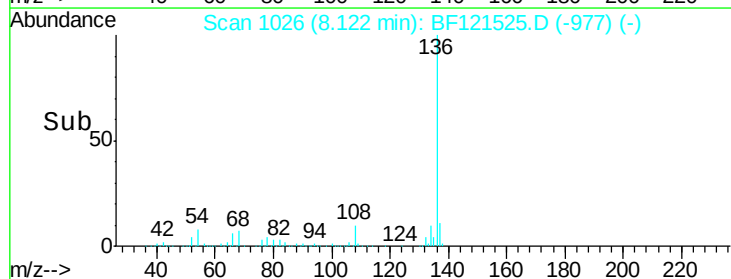
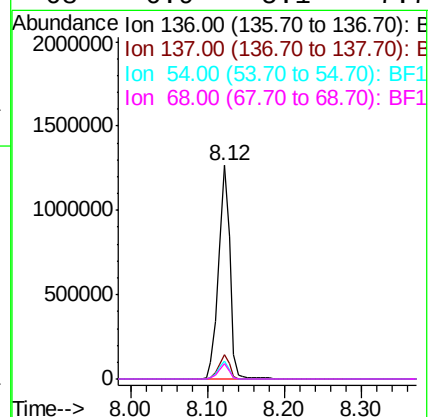
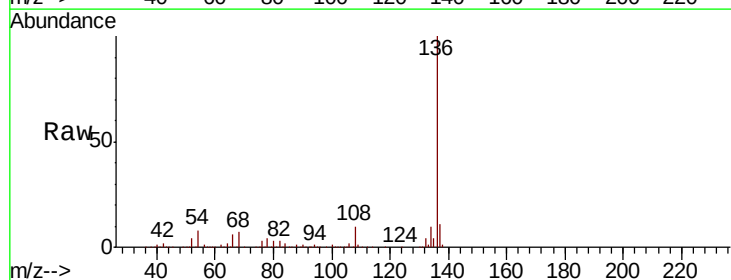
Ion Ratio Lower Upper

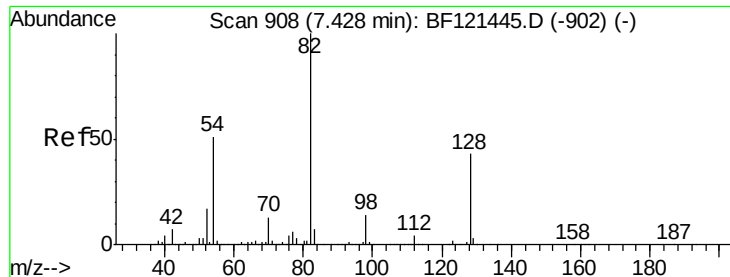
136 100

137 11.3 8.9 13.3

54 8.4 6.2 9.4

68 6.9 5.1 7.7

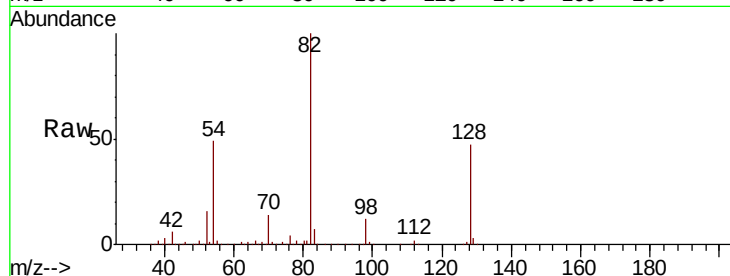




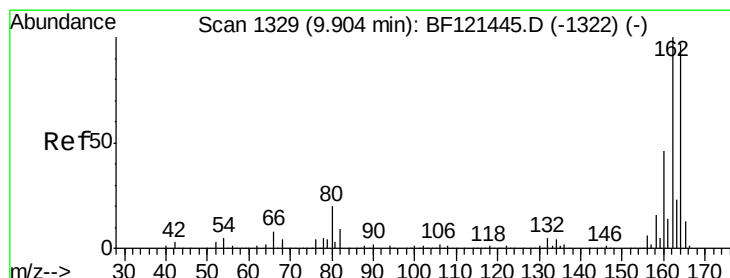
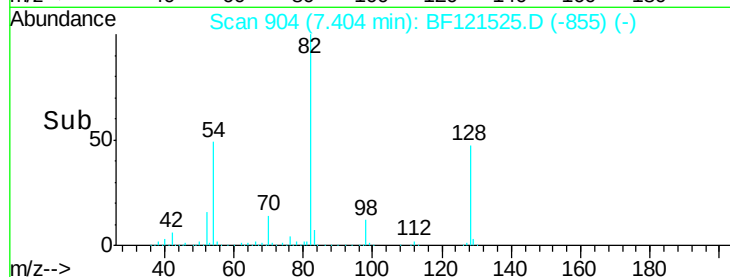
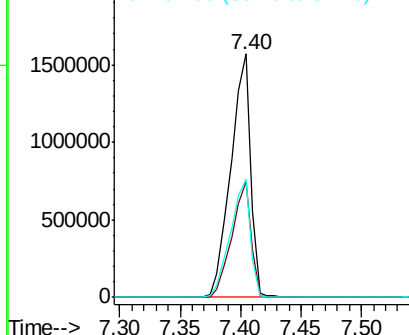
#23
 Nitrobenzene-d5
 Concen: 98.041 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121525.D
 Acq: 8 Sep 2020 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB131478TB

Tot Ion: 82 Resp: 1801707
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.3 55.9
 54 48.7 39.0 58.6

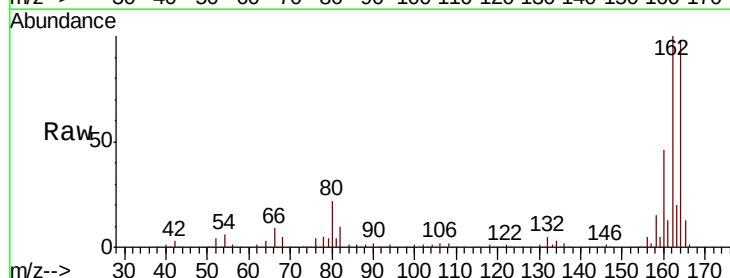


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

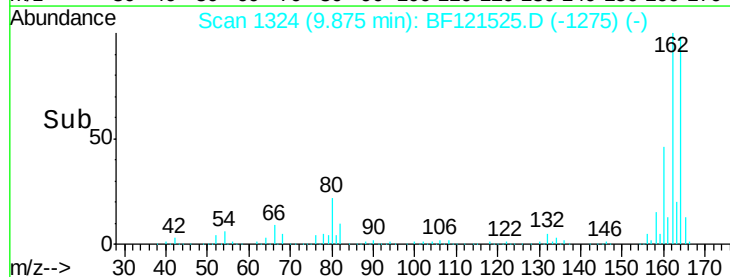
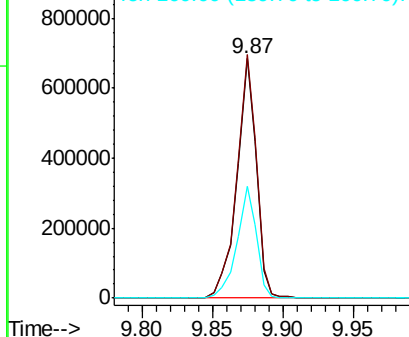


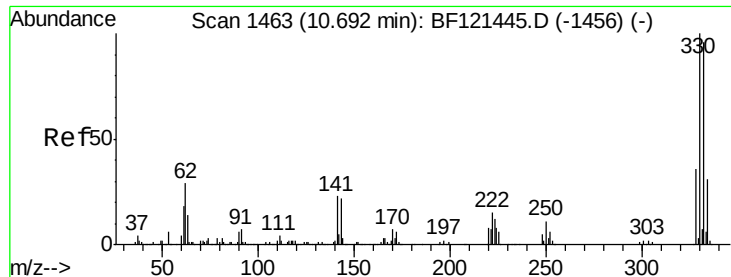
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121525.D
 Acq: 8 Sep 2020 16:44

Tgt Ion: 164 Resp: 657187
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.5 120.7
 160 46.6 36.2 54.4



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: 134.219 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF121525.D

Acq: 8 Sep 2020 16:44

Instrument :

BNA_F

ClientSampleId :

PB131478TB

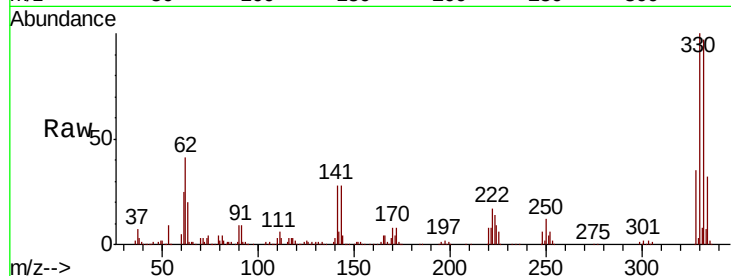
Tot Ion:330 Resp: 890935

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.2

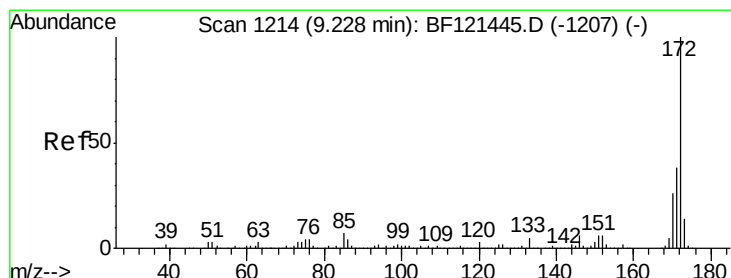
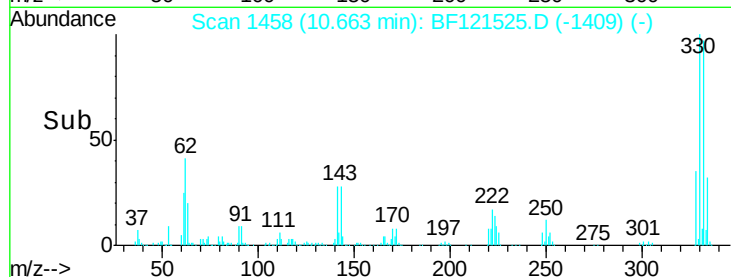
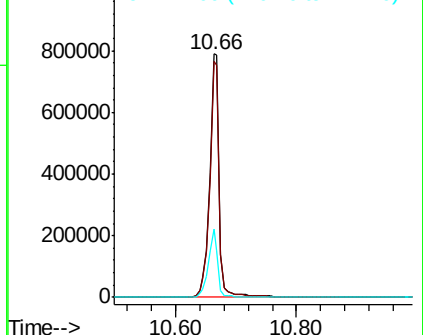
141 27.6 22.6 34.0



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: 78.494 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF121525.D

Acq: 8 Sep 2020 16:44

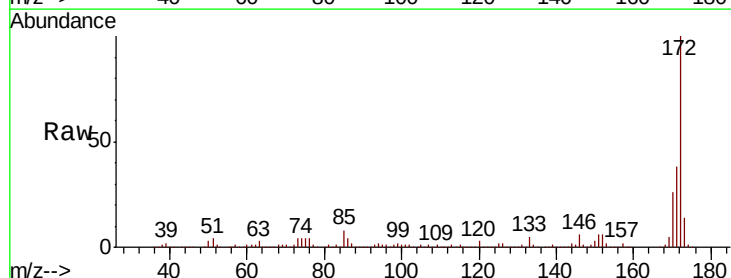
Tgt Ion:172 Resp: 3197058

Ion Ratio Lower Upper

172 100

171 38.0 30.4 45.6

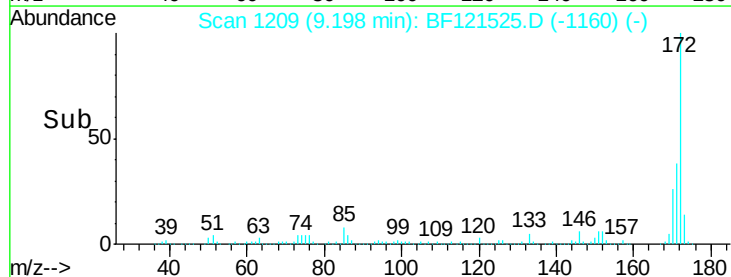
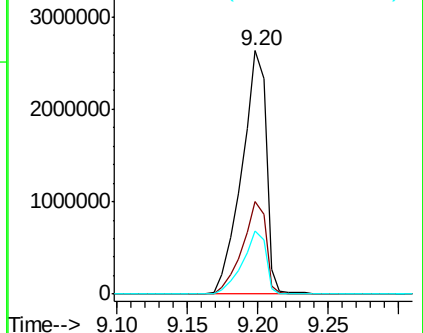
170 26.0 20.7 31.1

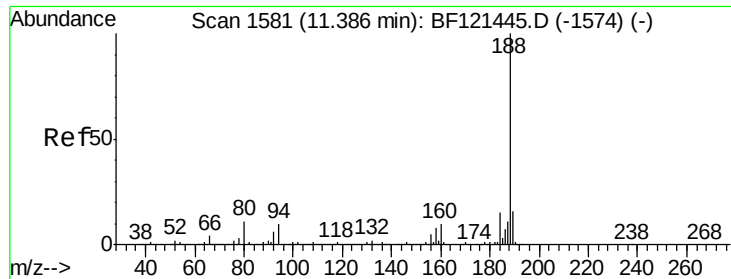


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

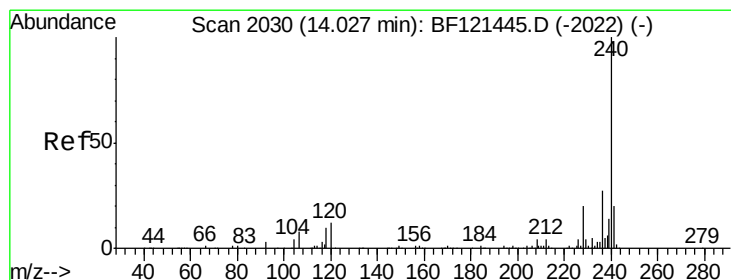
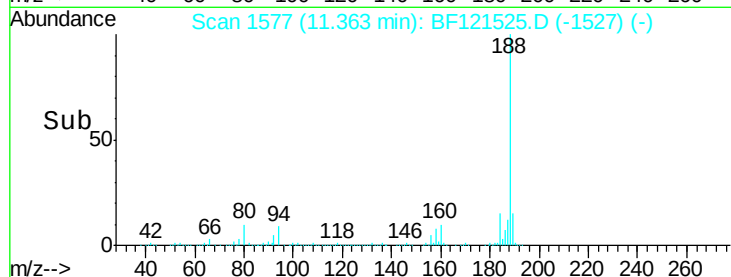
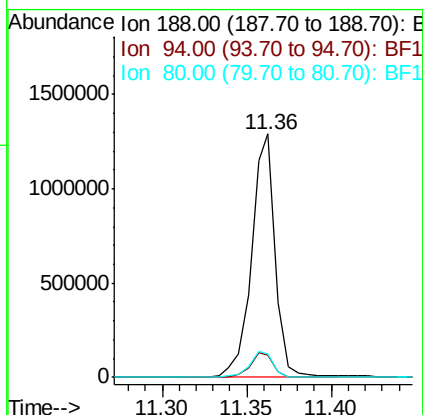
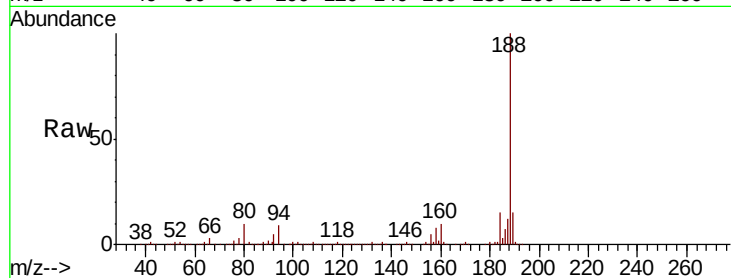




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121525.D
Acq: 8 Sep 2020 16:44

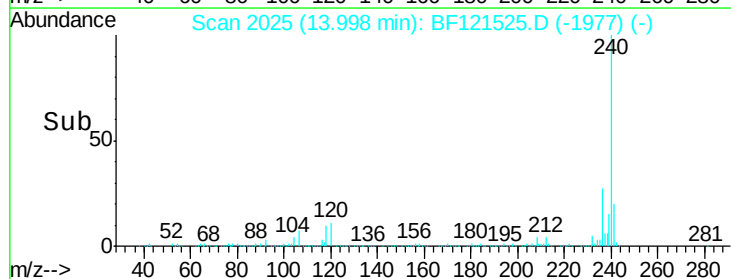
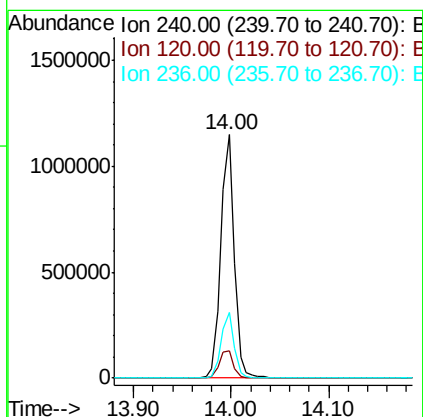
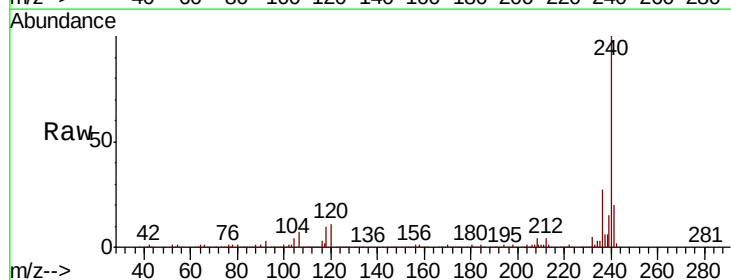
Instrument :
BNA_F
ClientSampleId :
PB131478TB

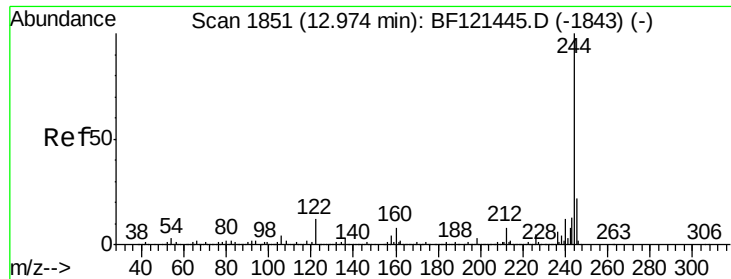
Tot Ion:188 Resp: 1265470
Ion Ratio Lower Upper
188 100
94 9.2 8.8 13.2
80 9.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121525.D
Acq: 8 Sep 2020 16:44

Tgt Ion:240 Resp: 1100909
Ion Ratio Lower Upper
240 100
120 11.1 8.0 12.0
236 26.8 21.4 32.2





#79

Terphenyl-d14

Concen: 65.120 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121525.D

Acq: 8 Sep 2020 16:44

Instrument :

BNA_F

ClientSampleId :

PB131478TB

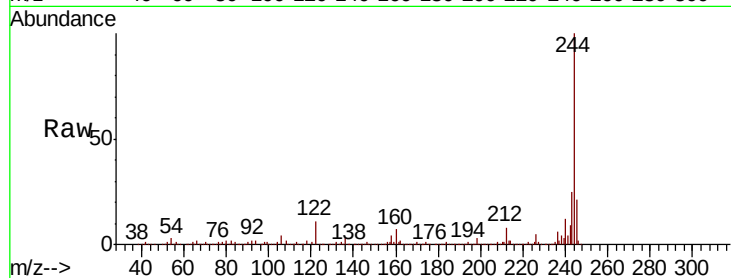
Tot Ion:244 Resp: 3405842

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

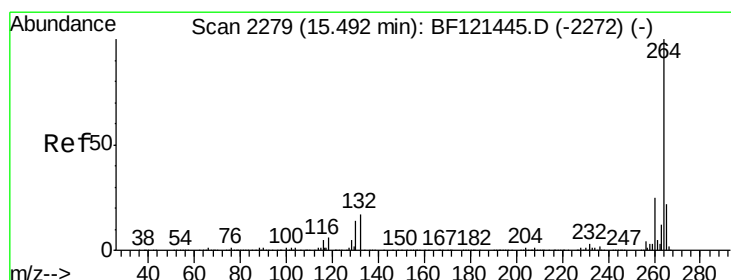
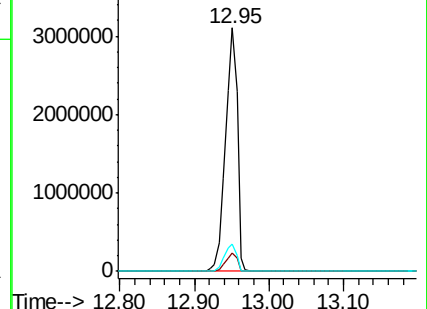
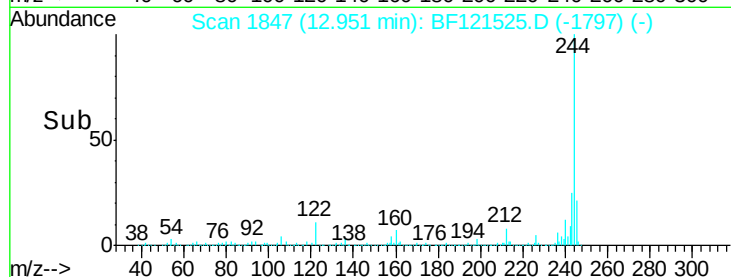
122 11.4 9.3 13.9



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF121525.D

Acq: 8 Sep 2020 16:44

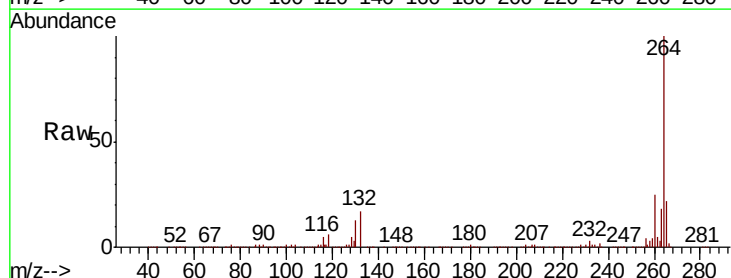
Tgt Ion:264 Resp: 1077204

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.8 17.4 26.2



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

