

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121523.D
 Acq On : 8 Sep 2020 15:43
 Operator : JU/CG
 Sample : PB131478BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BL

Quant Time: Sep 08 17:08:31 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	366651	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1398135	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	733872	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1430542	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1236292	20.00	ng	-0.02
86) Perylene-d12	15.46	264	1149427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2164558	99.05	ng	0.00
7) Phenol-d6	6.47	99	2787872	91.29	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1789923	87.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	926174	124.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3190513	70.15	ng	0.00
79) Terphenyl-d14	12.95	244	3532157	60.14	ng	0.00

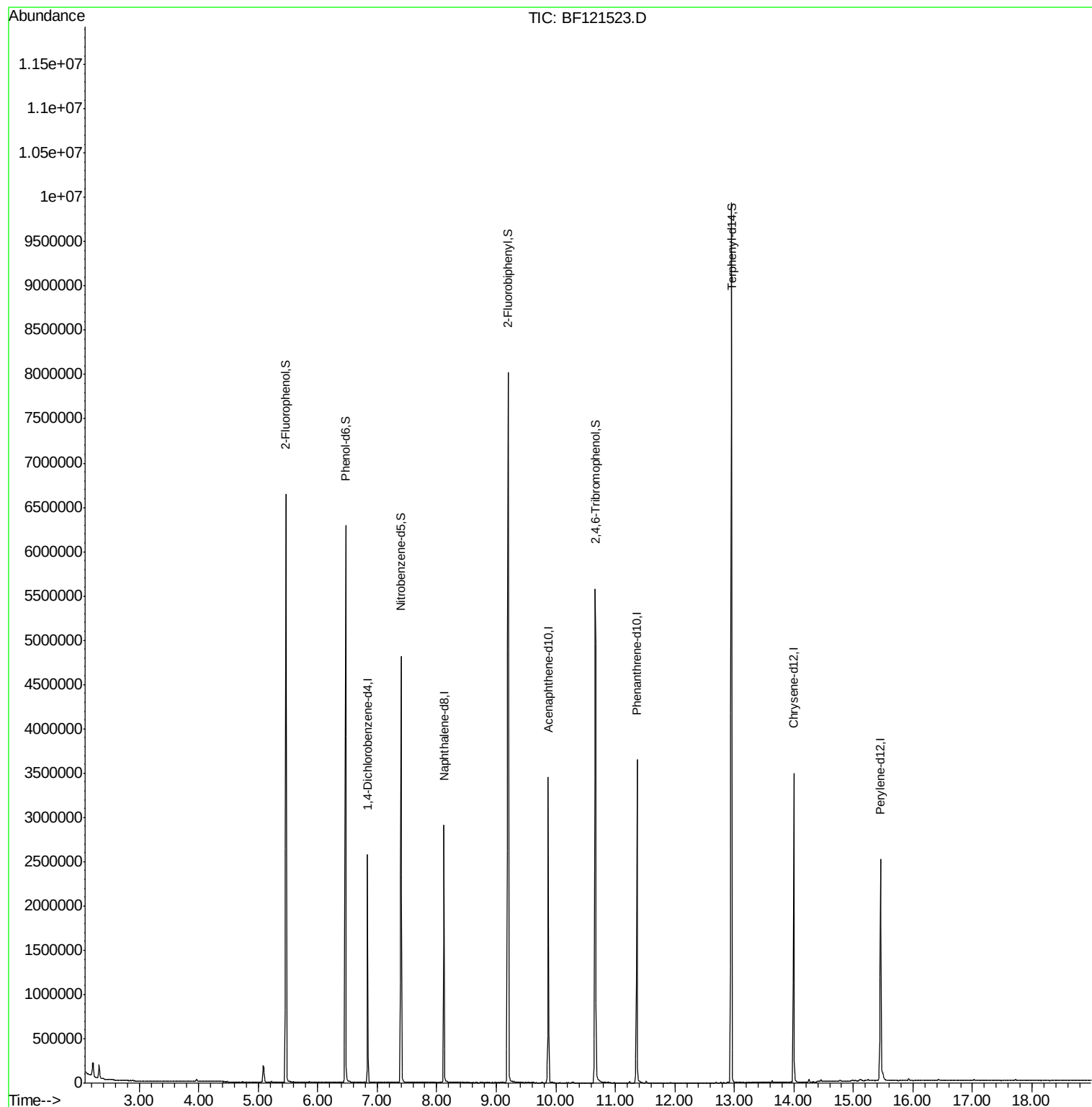
Target Compounds Qvalue

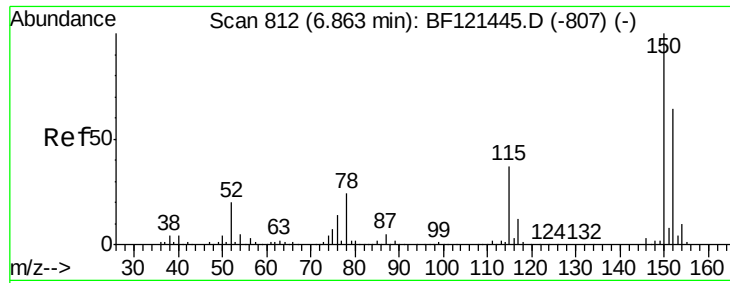
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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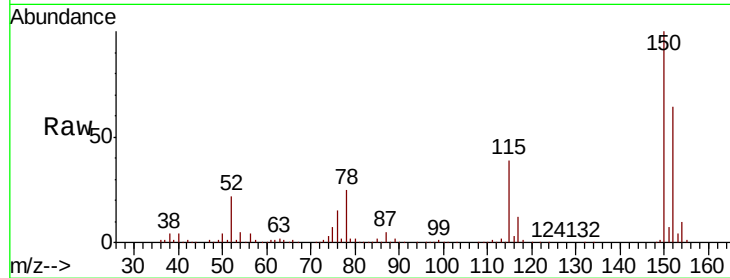


#1

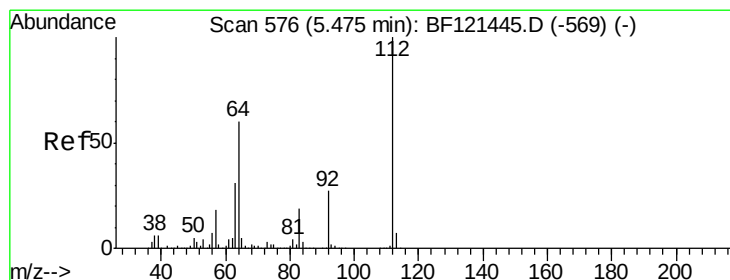
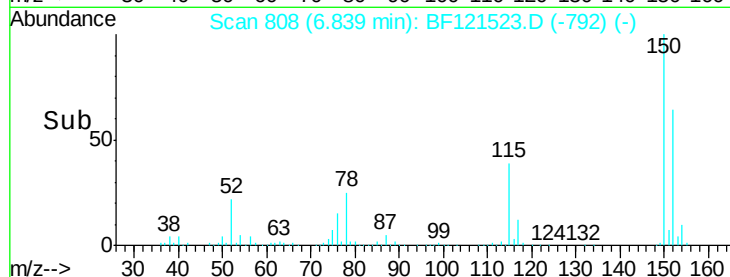
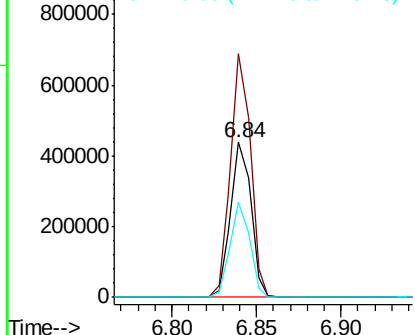
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121523.D
Acq: 8 Sep 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB131478BL

Tot Ion:152 Resp: 366651
Ion Ratio Lower Upper
152 100
150 157.4 126.1 189.1
115 61.4 48.4 72.6



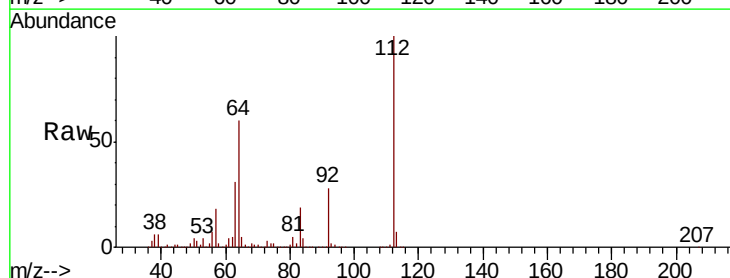
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



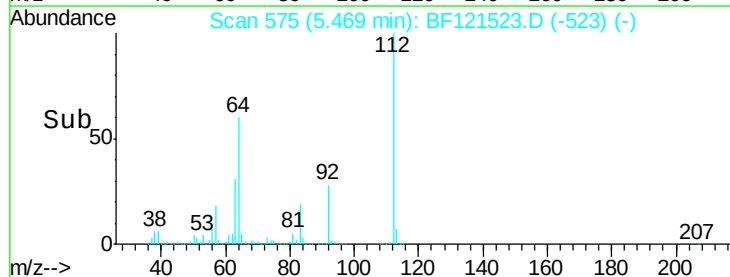
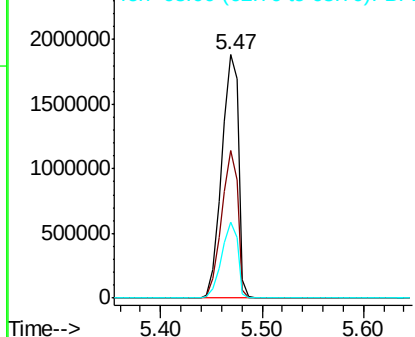
#5

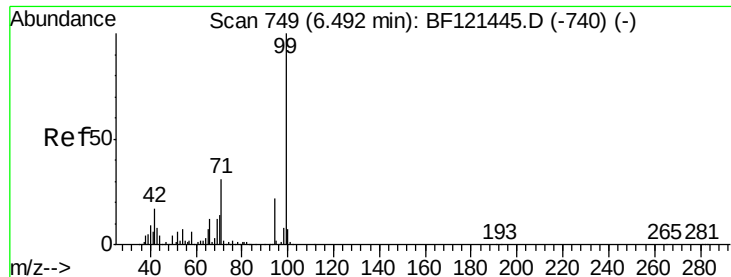
2-Fluorophenol
Concen: 99.047 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121523.D
Acq: 8 Sep 2020 15:43

Tgt Ion:112 Resp: 2164558
Ion Ratio Lower Upper
112 100
64 60.4 46.0 69.0
63 31.1 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: 91.286 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121523.D

Acq: 8 Sep 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB131478BL

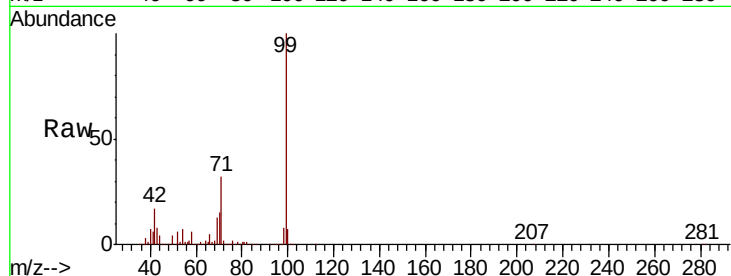
Tot Ion: 99 Resp: 2787872

Ion Ratio Lower Upper

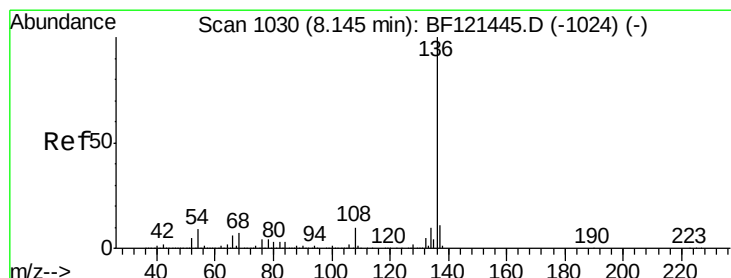
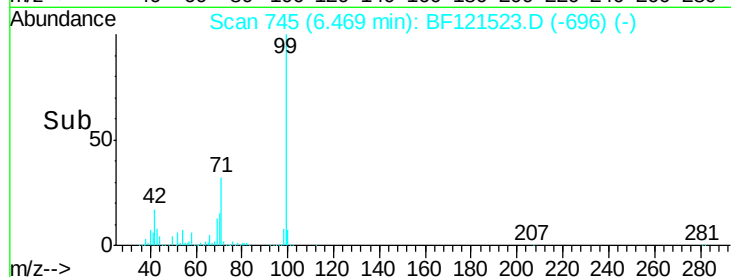
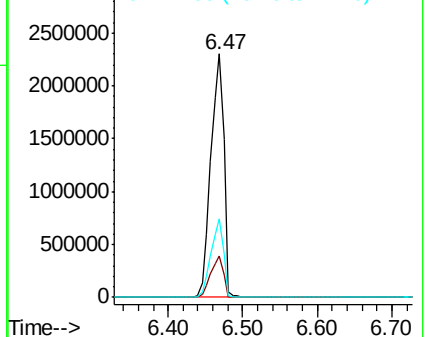
99 100

42 16.8 13.0 19.4

71 32.4 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: BF121523.D

Acq: 8 Sep 2020 15:43

Tgt Ion: 136 Resp: 1398135

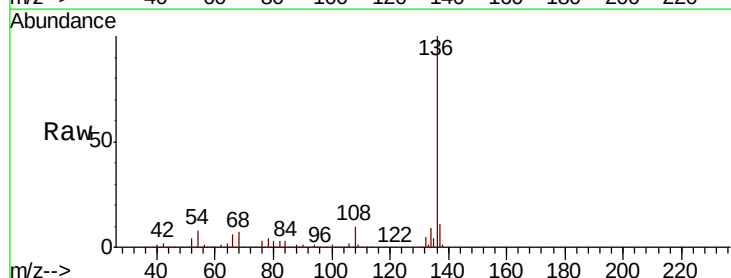
Ion Ratio Lower Upper

136 100

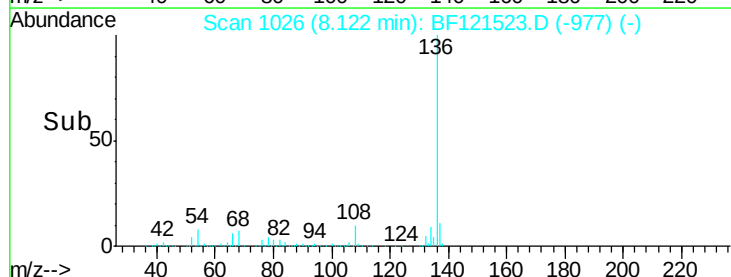
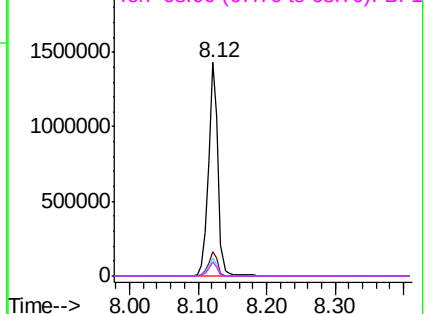
137 11.4 8.9 13.3

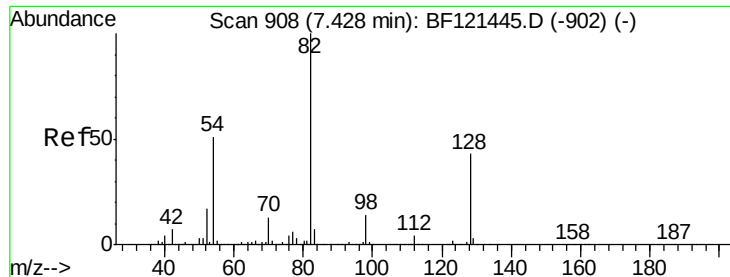
54 8.4 6.2 9.4

68 6.8 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

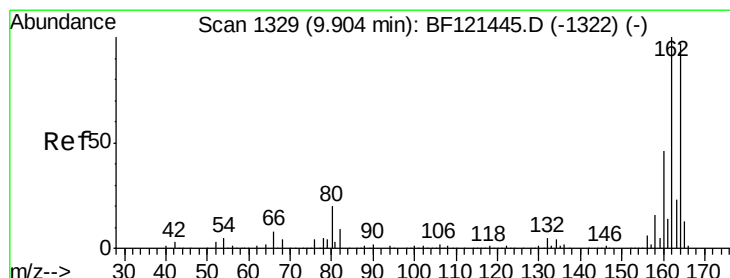
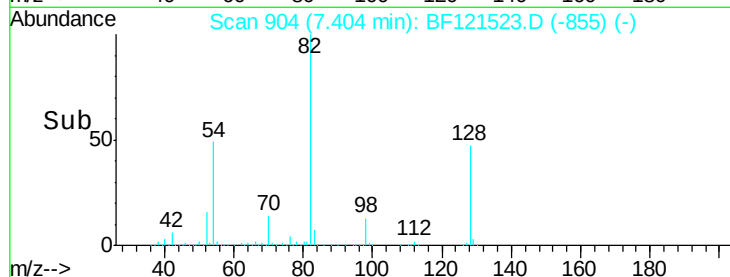
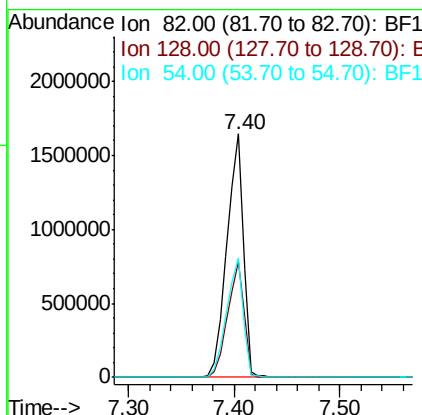
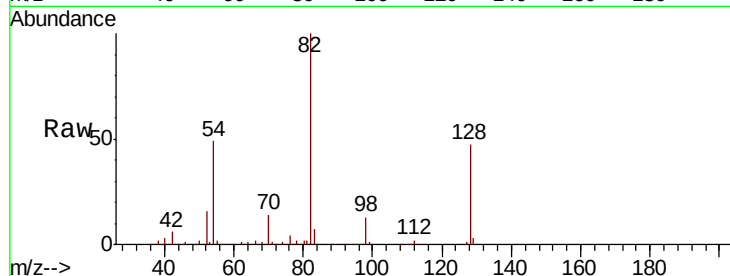




#23
 Nitrobenzene-d5
 Concen: 87.523 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121523.D
 Acq: 8 Sep 2020 15:43

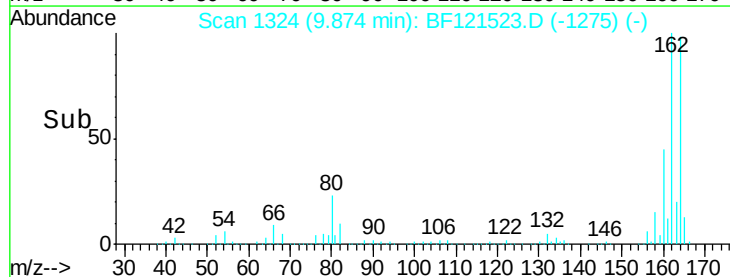
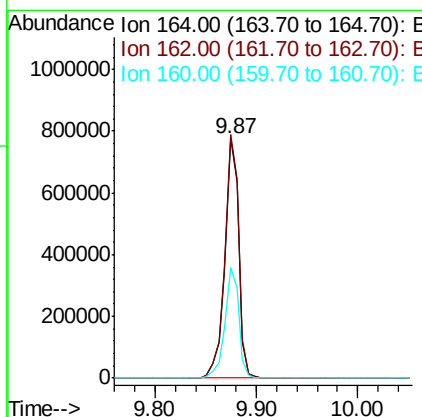
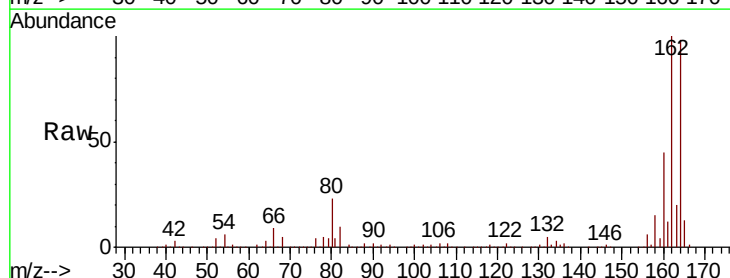
Instrument :
 BNA_F
 ClientSampleId :
 PB131478BL

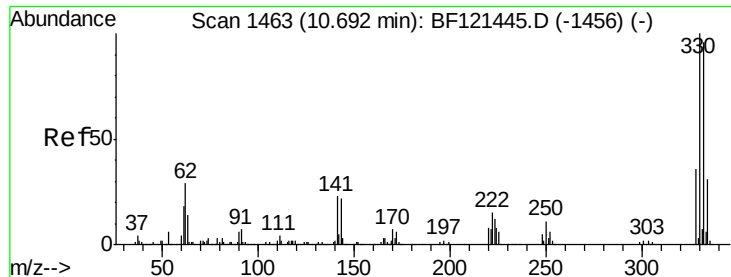
Tot Ion: 82 Resp: 1789923
 Ion Ratio Lower Upper
 82 100
 128 47.5 37.3 55.9
 54 49.1 39.0 58.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121523.D
 Acq: 8 Sep 2020 15:43

Tgt Ion: 164 Resp: 733872
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.5 120.7
 160 46.3 36.2 54.4

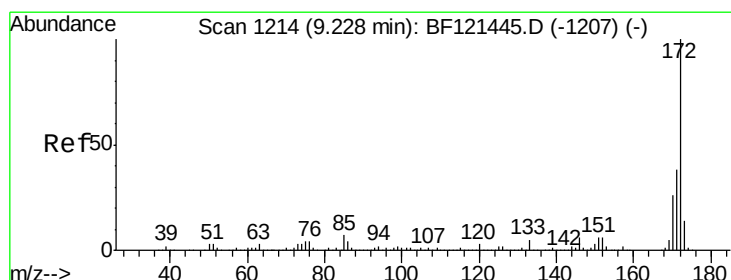
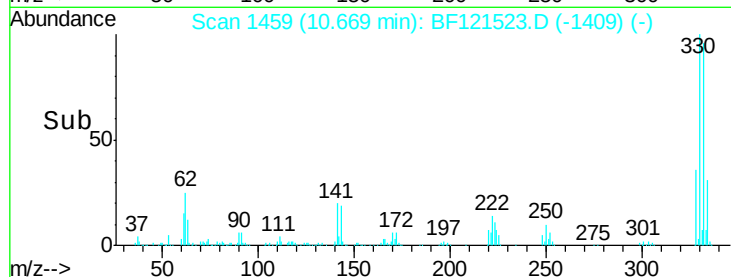
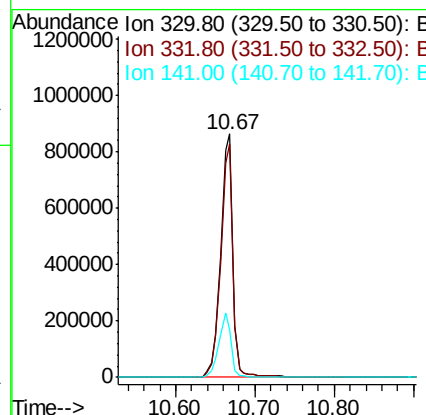
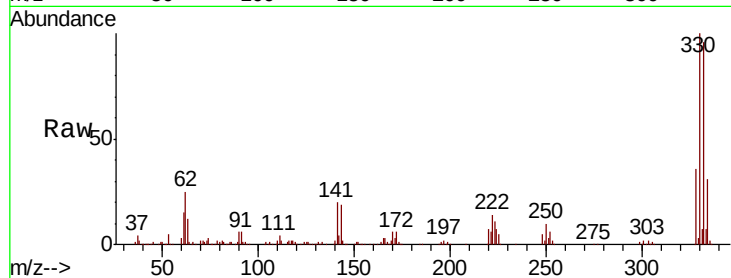




#42
 2,4,6-Tribromophenol
 Concen: 124.948 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF121523.D
 Acq: 8 Sep 2020 15:43

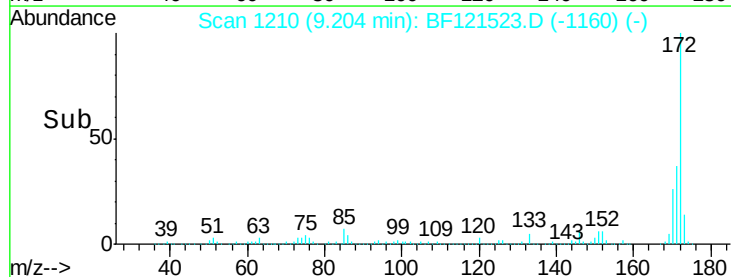
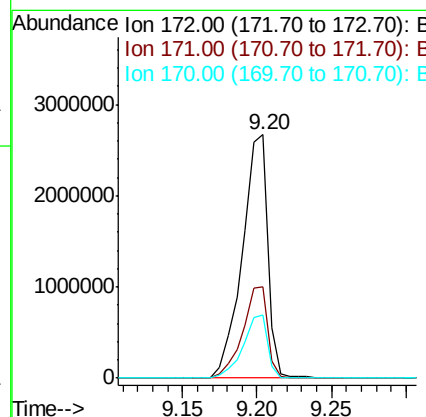
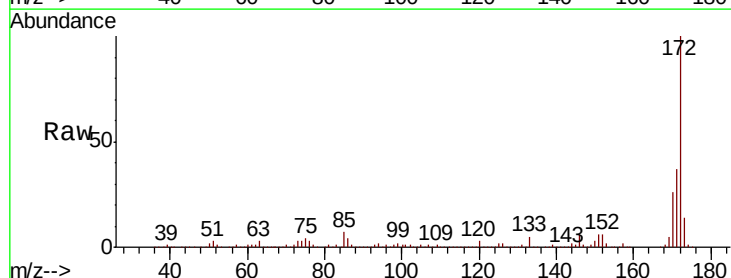
Instrument :
 BNA_F
 ClientSampleId :
 PB131478BL

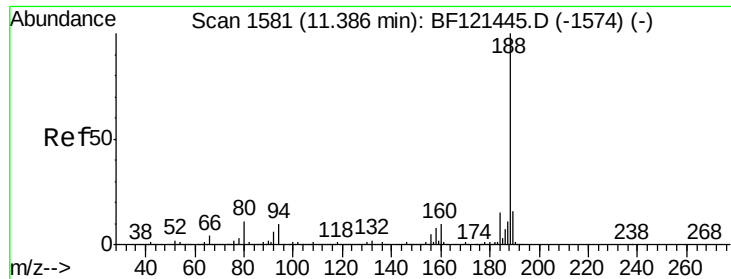
Tot Ion:330 Resp: 926174
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.2
 141 27.0 22.6 34.0



#45
 2-Fluorobiphenyl
 Concen: 70.148 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF121523.D
 Acq: 8 Sep 2020 15:43

Tgt Ion:172 Resp: 3190513
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.4 45.6
 170 25.9 20.7 31.1

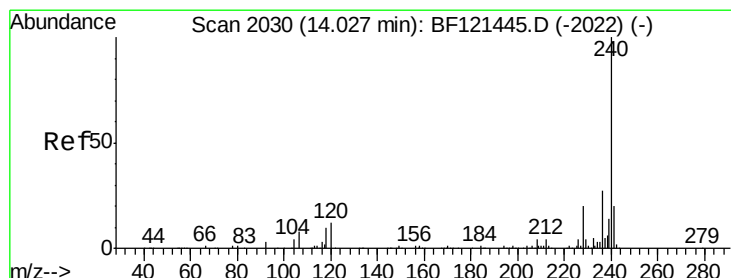
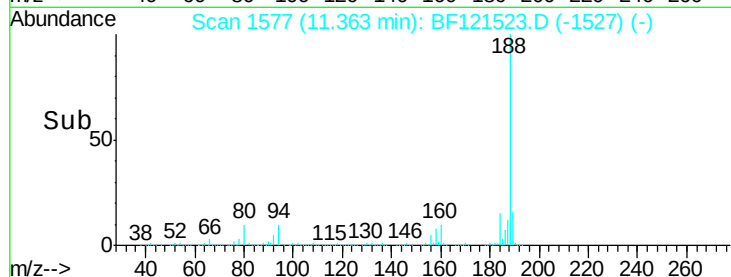
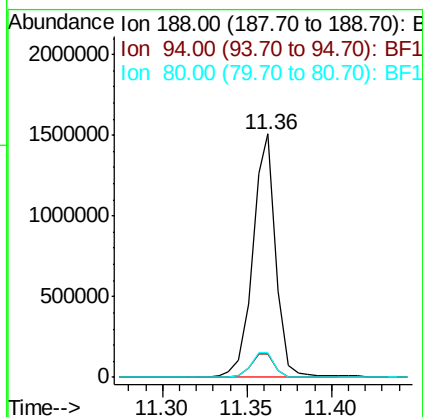
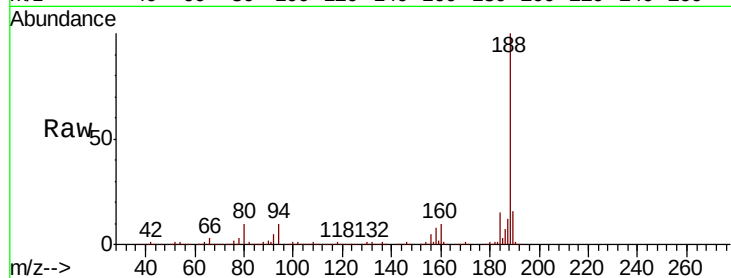




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121523.D
Acq: 8 Sep 2020 15:43

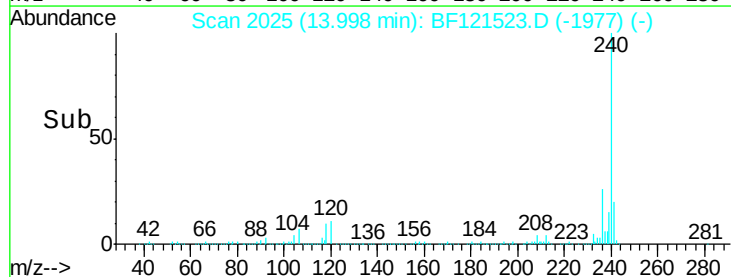
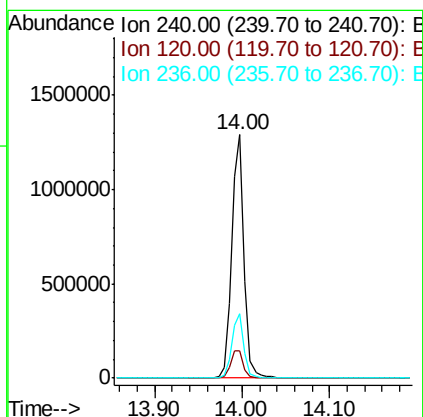
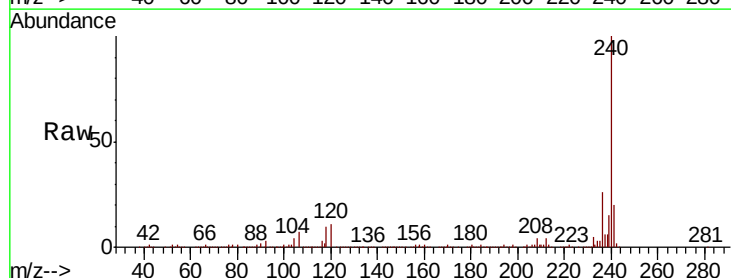
Instrument :
BNA_F
ClientSampleId :
PB131478BL

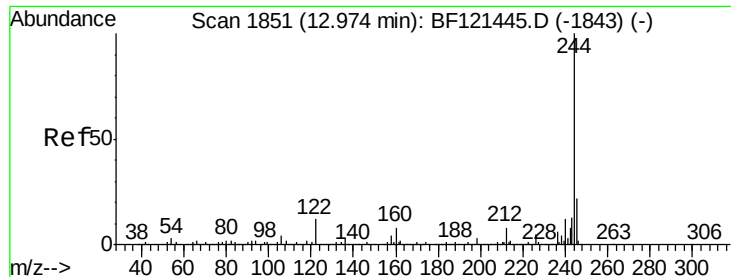
Tot Ion:188 Resp: 1430542
Ion Ratio Lower Upper
188 100
94 9.6 8.8 13.2
80 10.1 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121523.D
Acq: 8 Sep 2020 15:43

Tgt Ion:240 Resp: 1236292
Ion Ratio Lower Upper
240 100
120 11.0 8.0 12.0
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 60.140 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121523.D

Acq: 8 Sep 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB131478BL

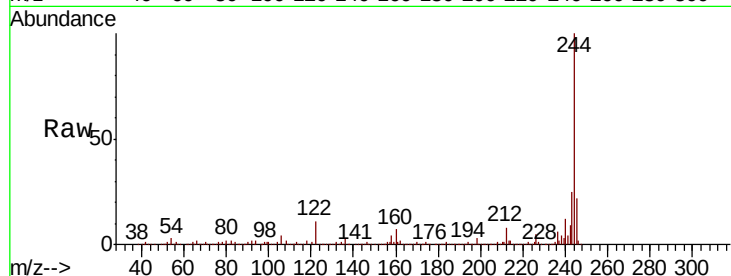
Tot Ion:244 Resp: 3532157

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

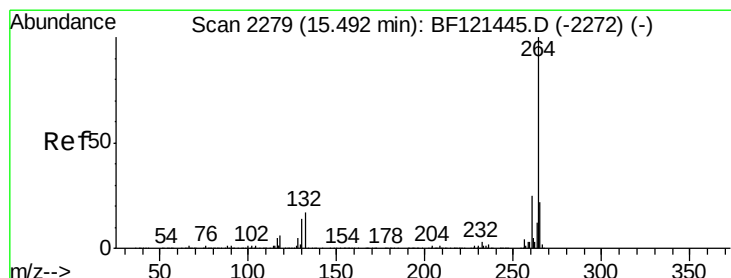
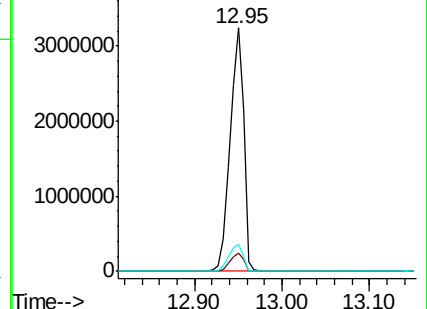
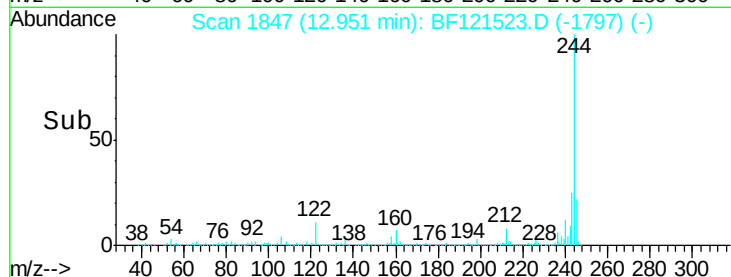
122 11.1 9.3 13.9



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: BF121523.D

Acq: 8 Sep 2020 15:43

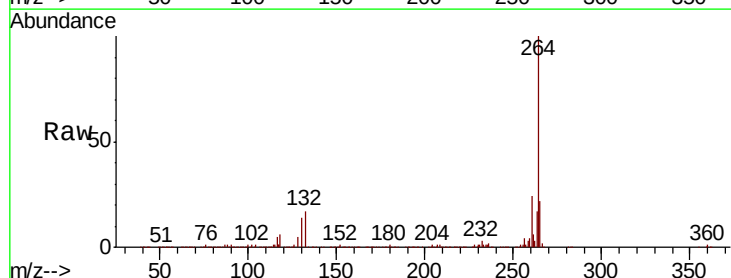
Tgt Ion:264 Resp: 1149427

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.9 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

