

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121529.D
 Acq On : 8 Sep 2020 18:58
 Operator : JU/CG
 Sample : L3864-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320

Quant Time: Sep 09 07:11:05 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	334552	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1276906	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	664758	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1276843	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1098200	20.00	ng	-0.02
86) Perylene-d12	15.46	264	970949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2007057	100.65	ng	0.01
7) Phenol-d6	6.47	99	2436433	87.43	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1817344	97.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	953630	142.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3186084	77.33	ng	-0.01
79) Terphenyl-d14	12.95	244	3557723	68.19	ng	0.00

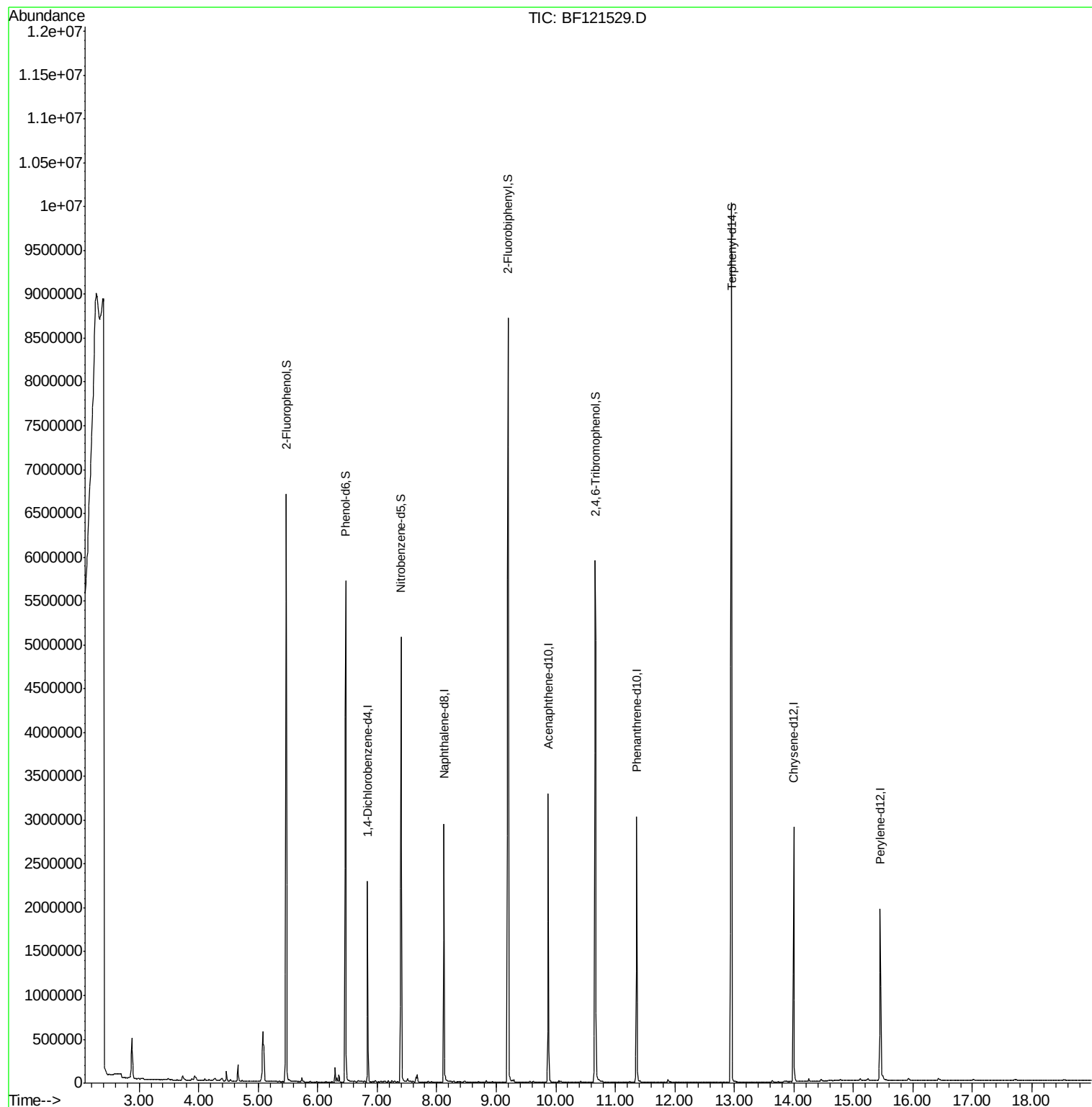
Target Compounds Qvalue

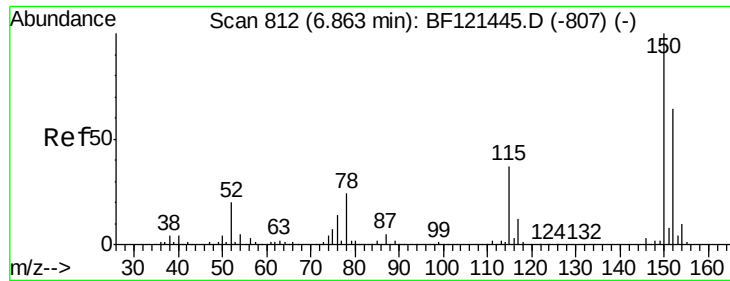
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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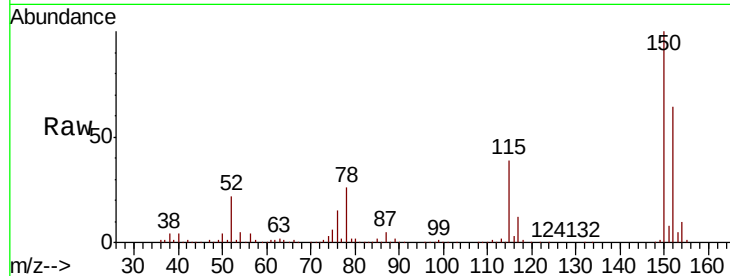


#1

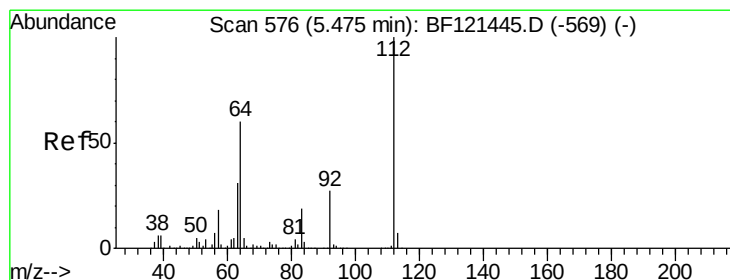
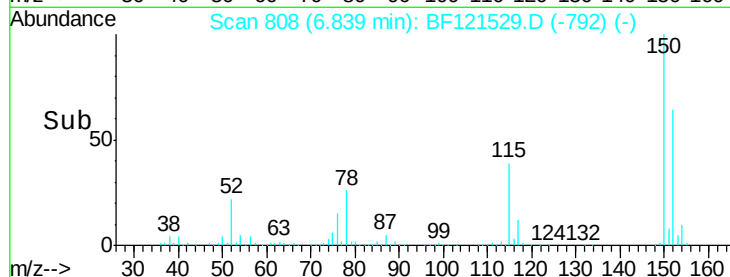
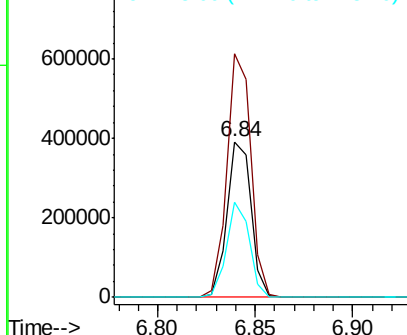
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tot Ion:152 Resp: 334552
Ion Ratio Lower Upper
152 100
150 156.6 126.1 189.1
115 61.0 48.4 72.6



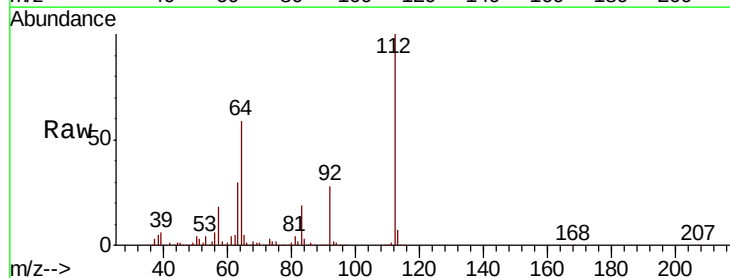
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



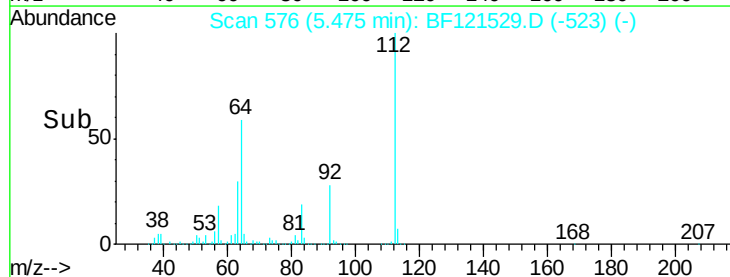
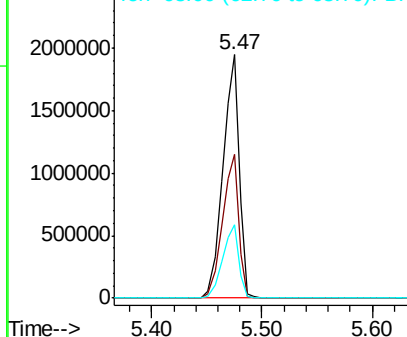
#5

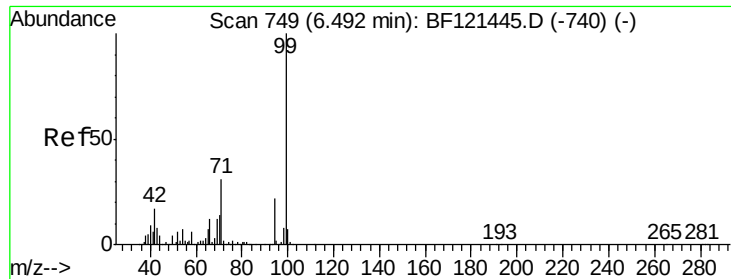
2-Fluorophenol
Concen: 100.652 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:112 Resp: 2007057
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 30.1 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: 87.433 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121529.D

Acq: 8 Sep 2020 18:58

Instrument :

BNA_F

ClientSampled :

CL-01-090320

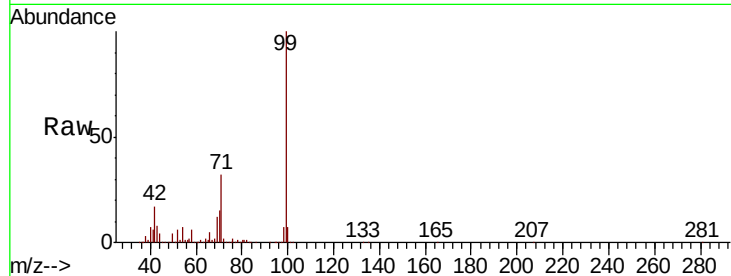
Tot Ion: 99 Resp: 2436433

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.4

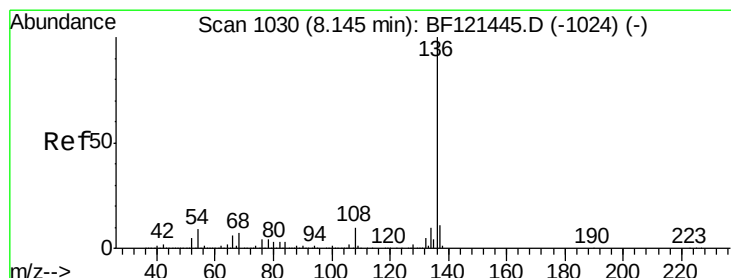
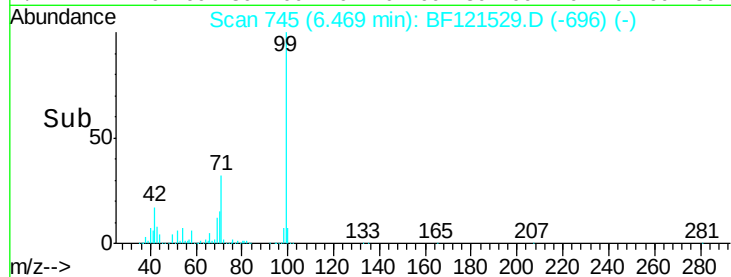
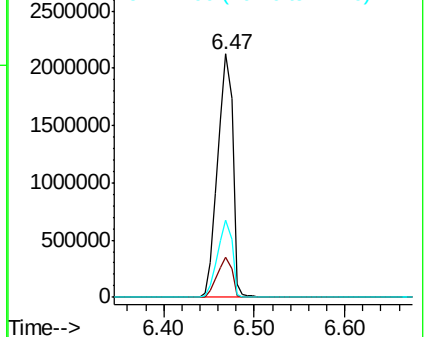
71 31.7 24.8 37.2



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: BF121529.D

Acq: 8 Sep 2020 18:58

Tgt Ion: 136 Resp: 1276906

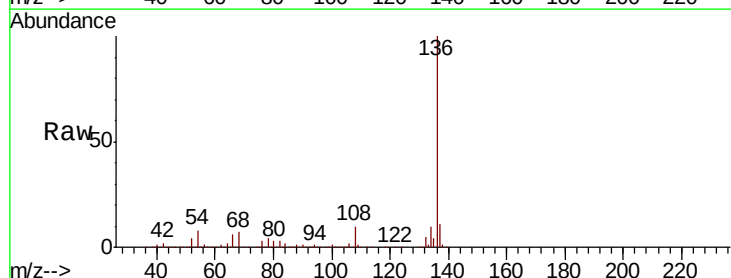
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.2 6.2 9.4

68 6.8 5.1 7.7

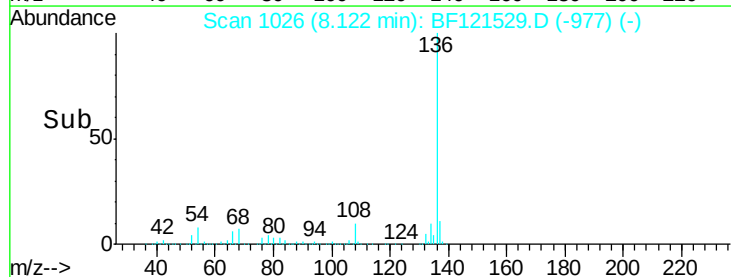
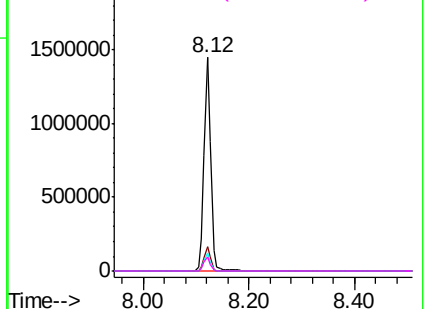


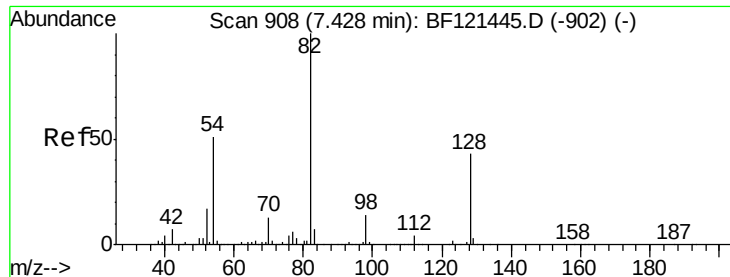
Abundance Ion 136.00 (135.70 to 136.70): E

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

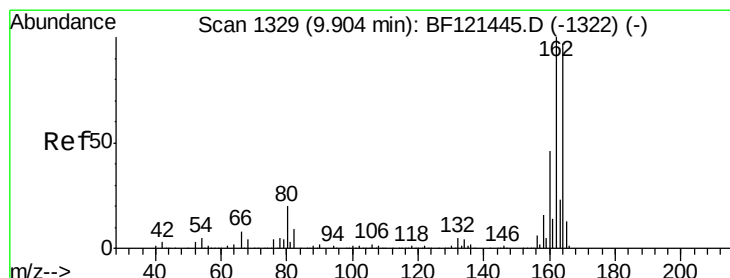
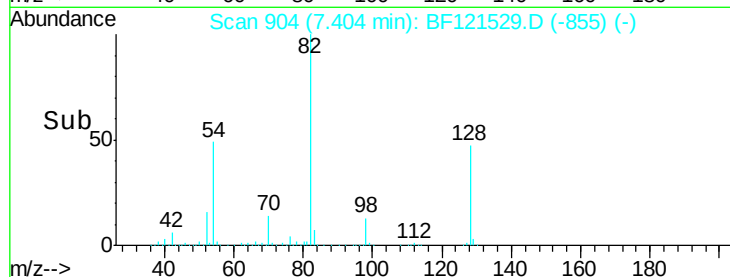
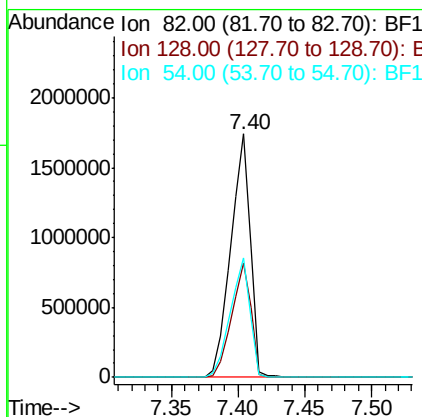
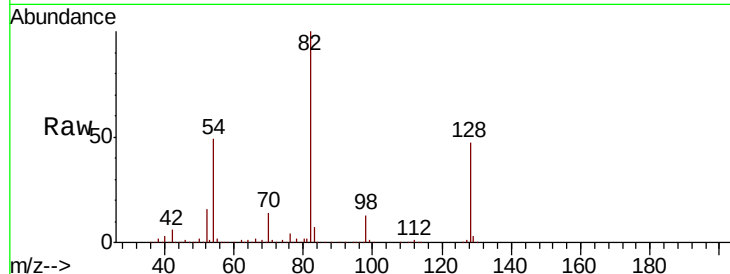




#23
Nitrobenzene-d5
Concen: 97.301 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

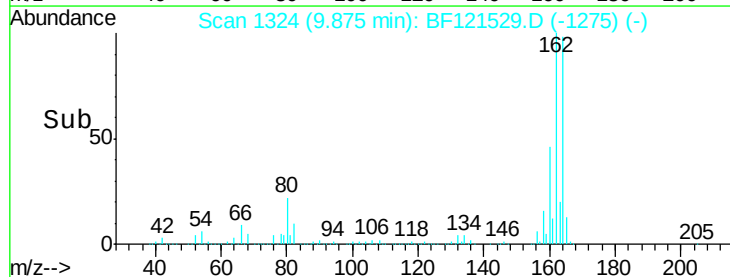
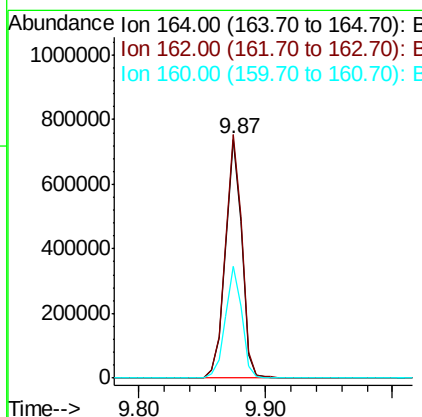
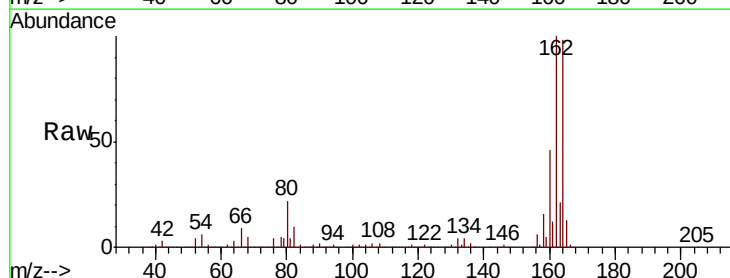
Instrument :
BNA_F
ClientSampleId :
CL-01-090320

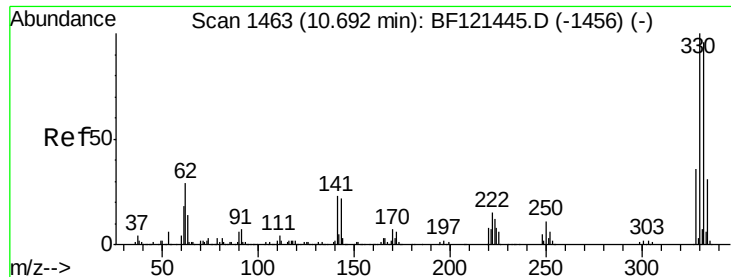
Tot Ion: 82 Resp: 1817344
Ion Ratio Lower Upper
82 100
128 46.7 37.3 55.9
54 49.0 39.0 58.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:164 Resp: 664758
Ion Ratio Lower Upper
164 100
162 102.1 80.5 120.7
160 46.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 142.028 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF121529.D

Acq: 8 Sep 2020 18:58

Instrument :

BNA_F

ClientSampleId :

CL-01-090320

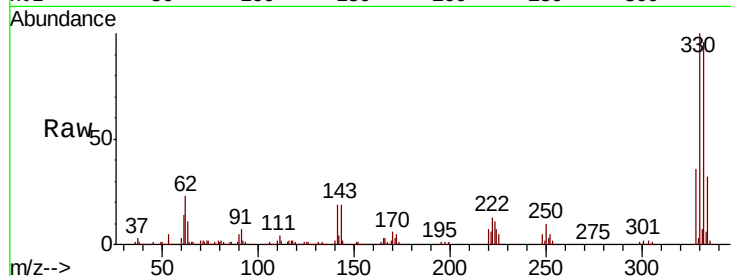
Tot Ion:330 Resp: 953630

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.2

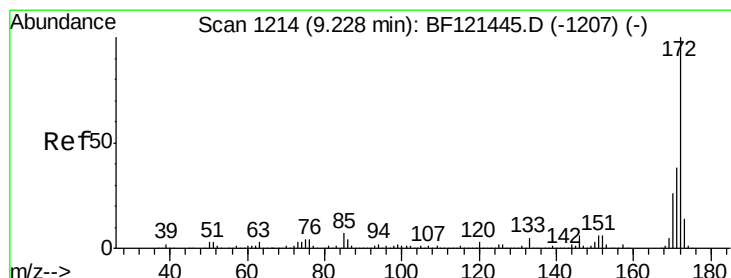
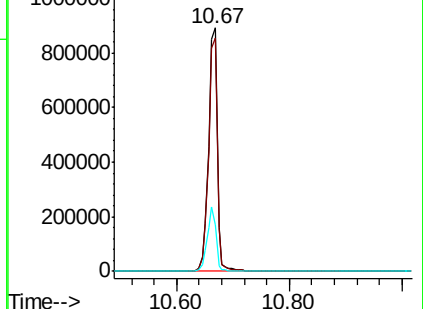
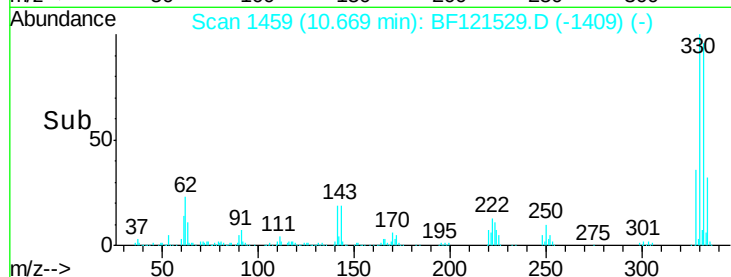
141 26.7 22.6 34.0



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: 77.334 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF121529.D

Acq: 8 Sep 2020 18:58

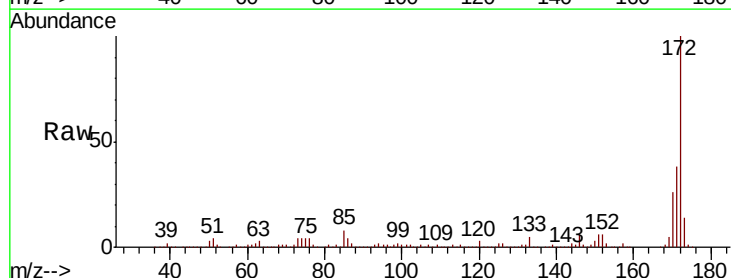
Tgt Ion:172 Resp: 3186084

Ion Ratio Lower Upper

172 100

171 38.0 30.4 45.6

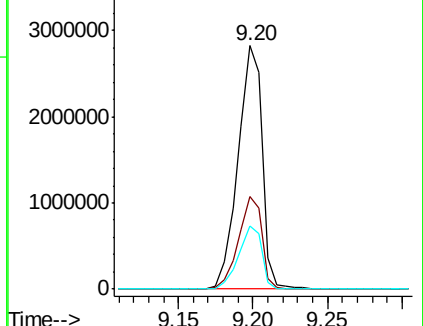
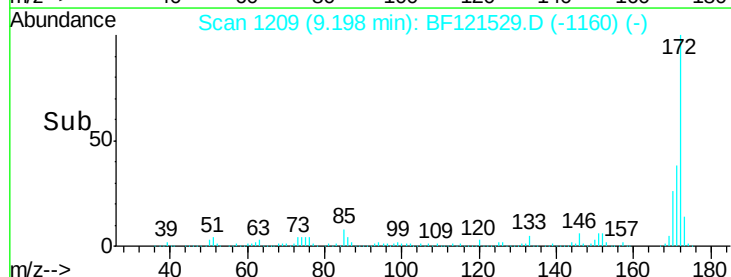
170 25.9 20.7 31.1

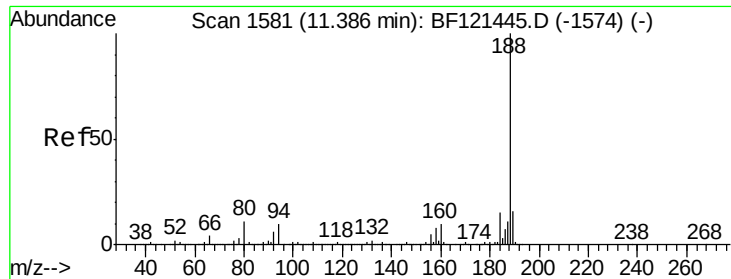


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

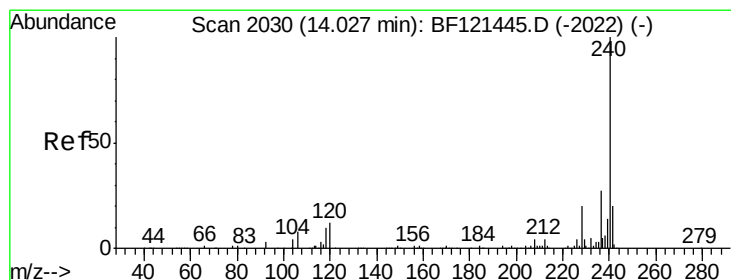
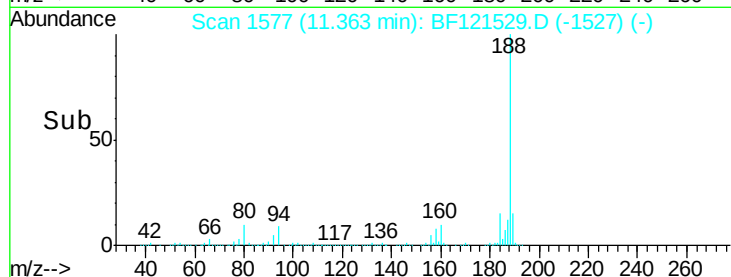
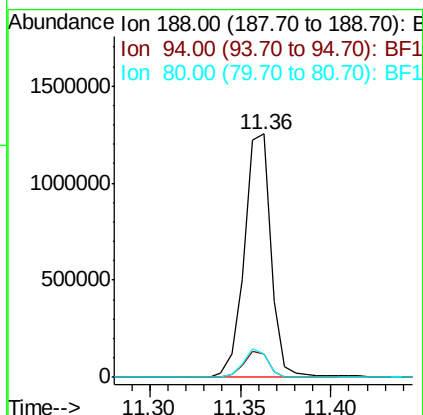
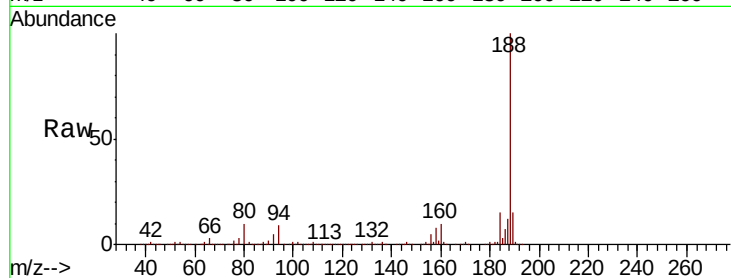




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

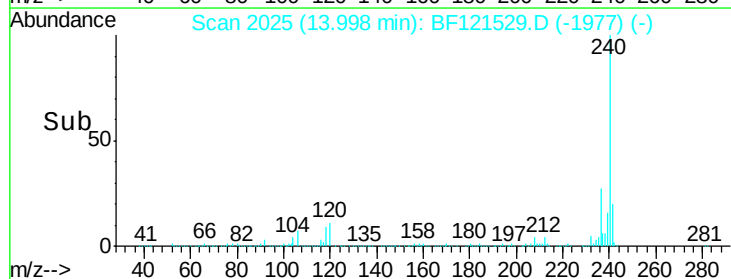
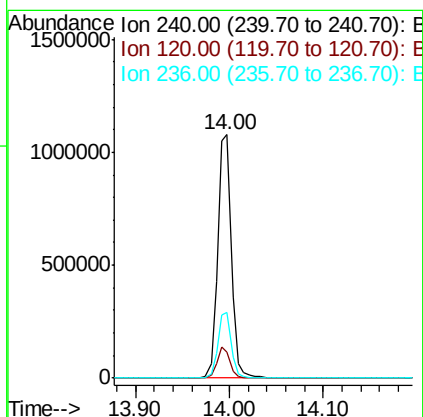
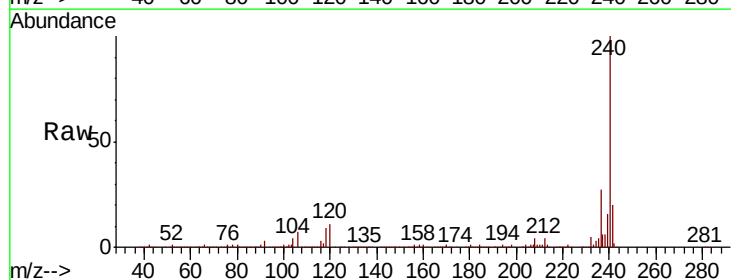
Instrument :
BNA_F
ClientSampleId :
CL-01-090320

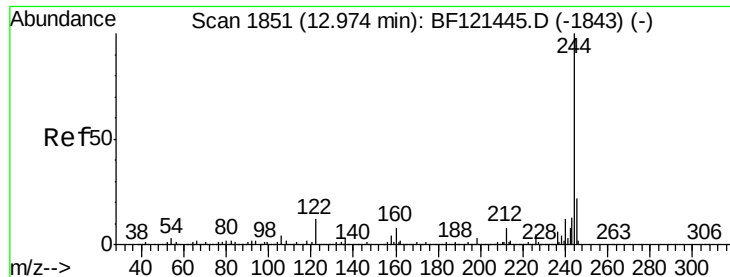
Tot Ion:188 Resp: 1276843
Ion Ratio Lower Upper
188 100
94 9.5 8.8 13.2
80 9.7 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:240 Resp: 1098200
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 26.8 21.4 32.2





#79

Terphenyl-d14

Concen: 68.192 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121529.D

Acq: 8 Sep 2020 18:58

Instrument :

BNA_F

ClientSampleId :

CL-01-090320

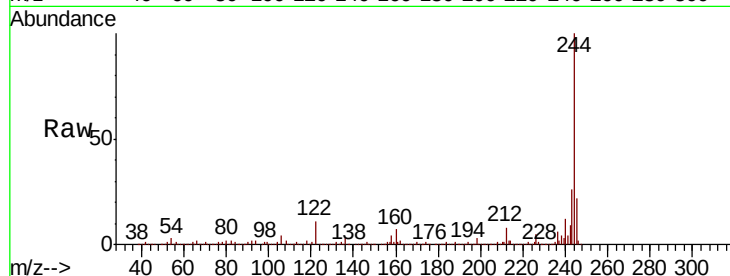
Tot Ion:244 Resp: 3557723

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

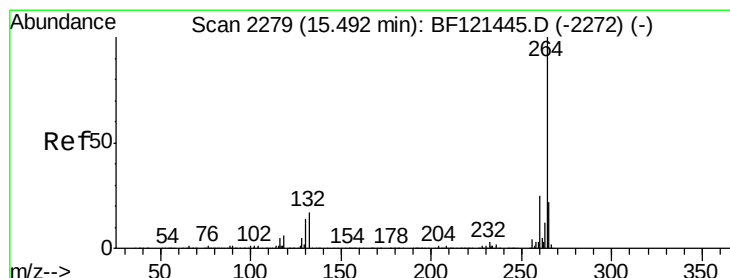
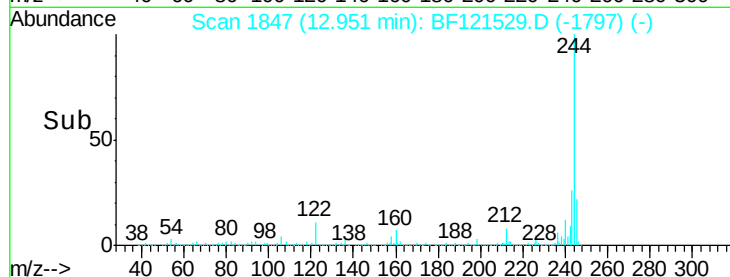
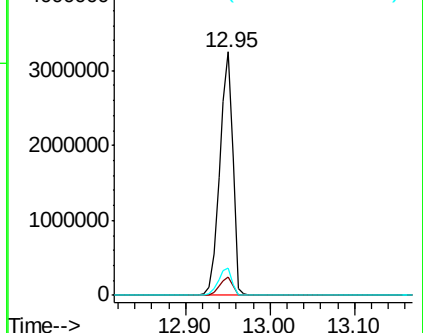
122 11.1 9.3 13.9



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: BF121529.D

Acq: 8 Sep 2020 18:58

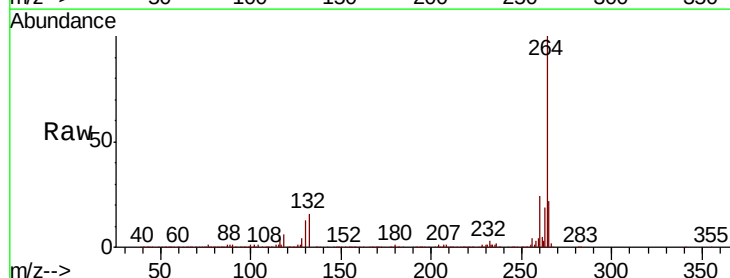
Tgt Ion:264 Resp: 970949

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.7 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

