

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121475.D
 Acq On : 31 Aug 2020 13:47
 Operator : JU/CG
 Sample : PB131291BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Quant Time: Aug 31 15:05:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	311110	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1215328	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	637051	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1241153	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1095252	20.00	ng	0.00
86) Perylene-d12	15.49	264	1109195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2024891	109.20	ng	0.01
7) Phenol-d6	6.49	99	2594927	100.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	1709548	96.17	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	818801	127.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3064104	77.61	ng	0.00
79) Terphenyl-d14	12.97	244	3324869	63.90	ng	0.00

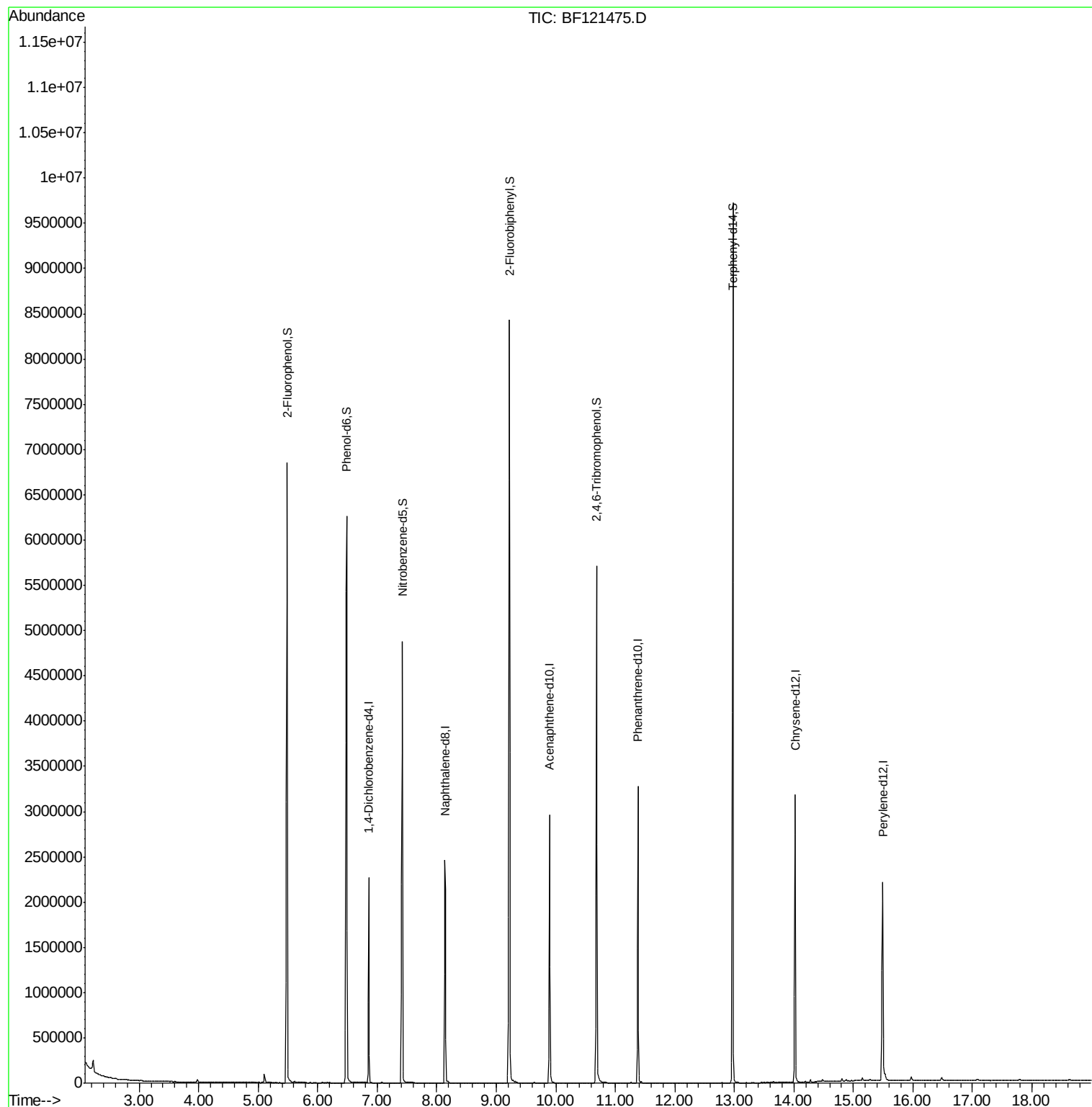
Target Compounds Qvalue

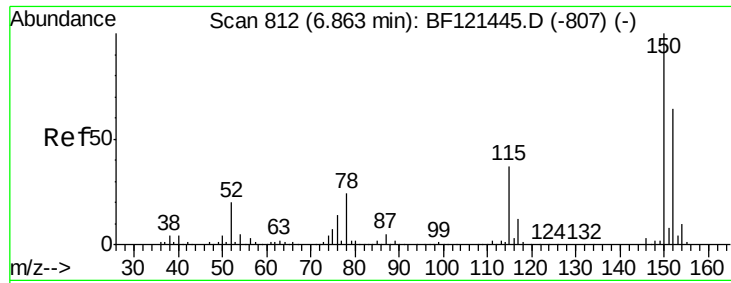
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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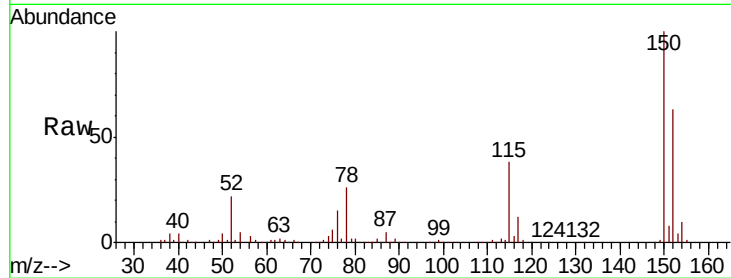




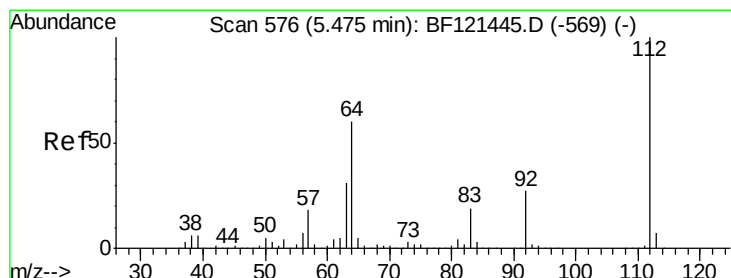
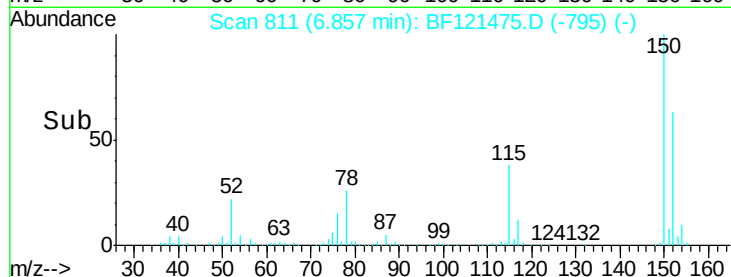
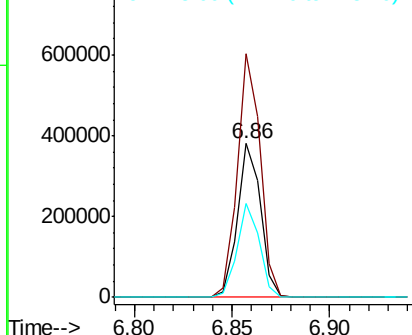
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion:152 Resp: 311110
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.8 188.6
 115 60.6 46.6 69.8

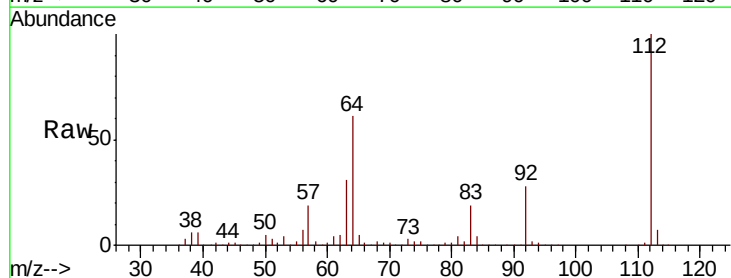


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

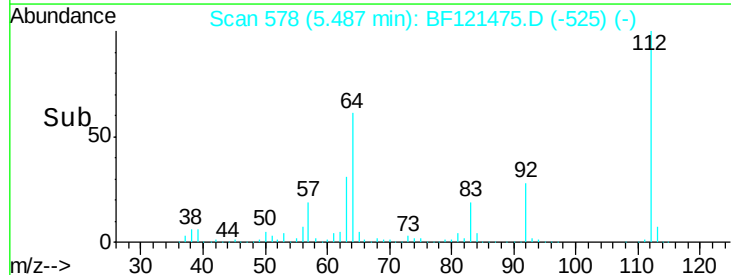
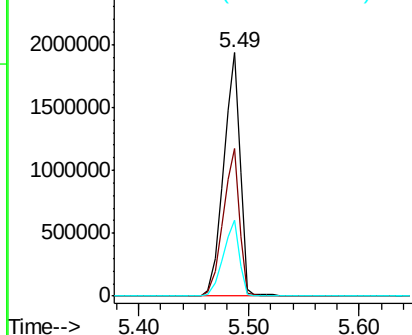


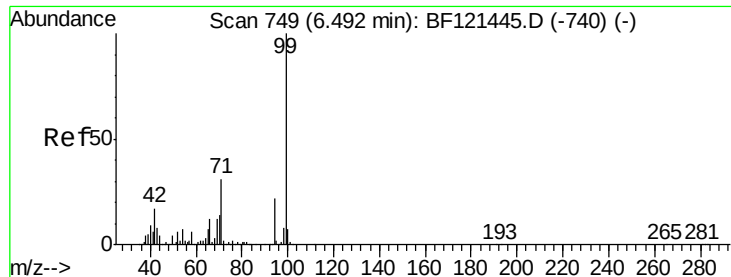
#5
 2-Fluorophenol
 Concen: 109.198 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:112 Resp: 2024891
 Ion Ratio Lower Upper
 112 100
 64 60.6 48.2 72.2
 63 31.3 24.8 37.2



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: 100.137 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Instrument :

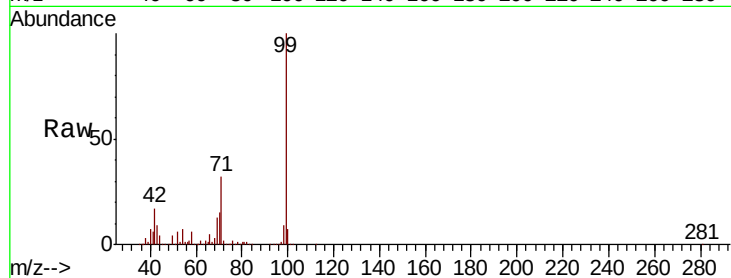
BNA_F

ClientSampleId :

PB131291BL

Tot Ion: 99 Resp: 2594927

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.3	24.6	37.0

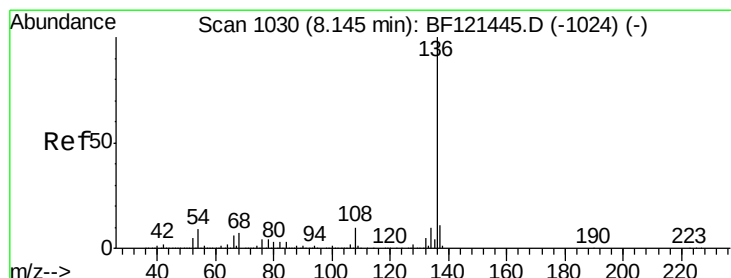
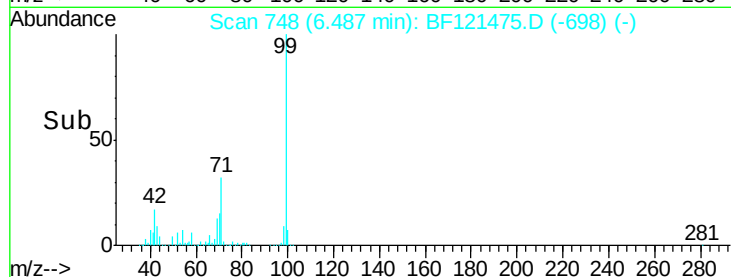
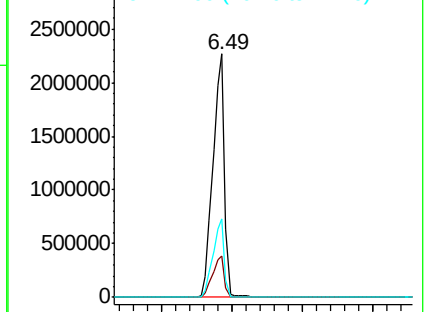


Abundance

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: 8.14 min Scan# 1029

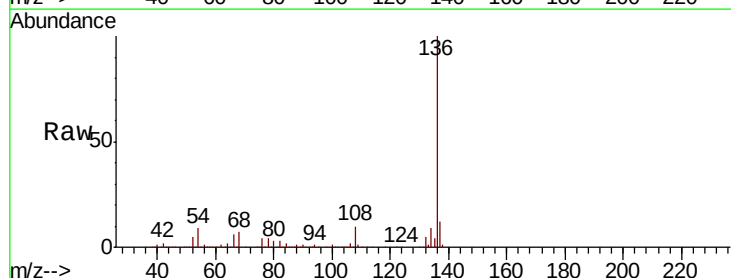
Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Tgt Ion: 136 Resp: 1215328

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.9	7.0	10.4
68	6.9	5.5	8.3



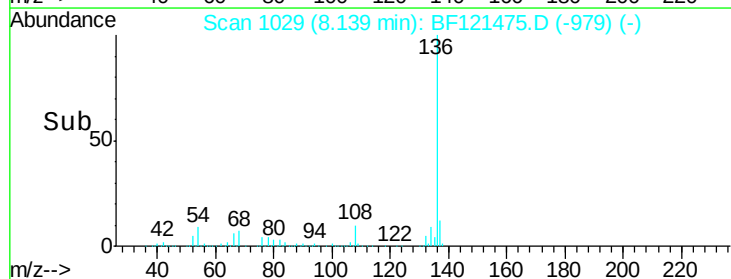
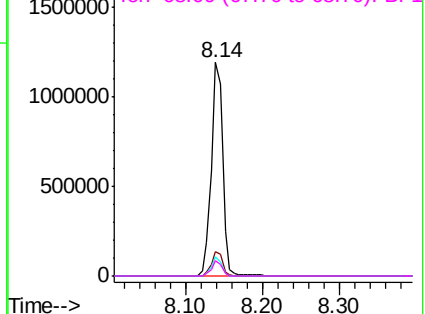
Abundance

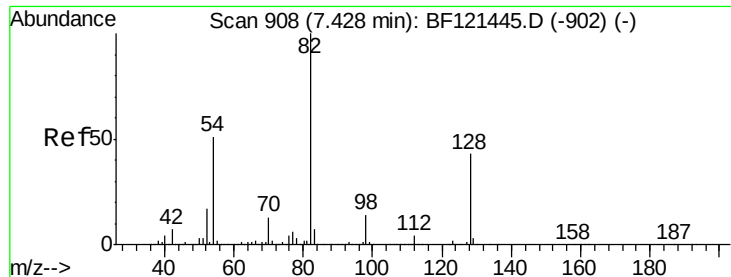
Ion 136.00 (135.70 to 136.70): E

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

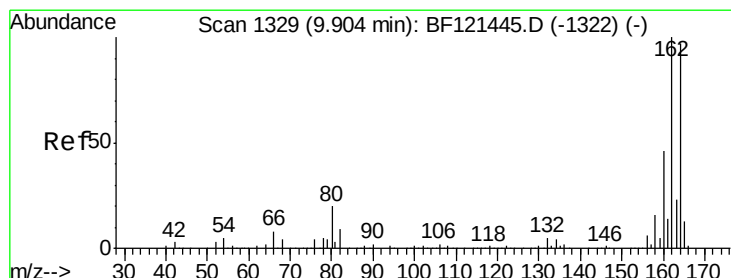
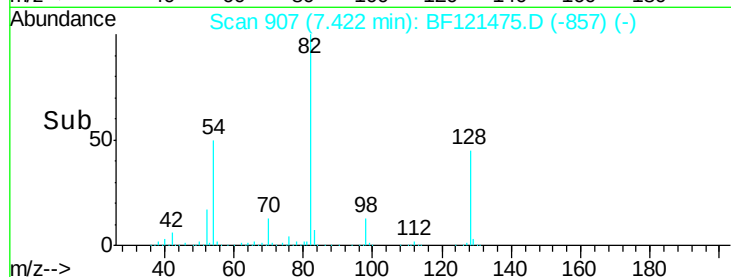
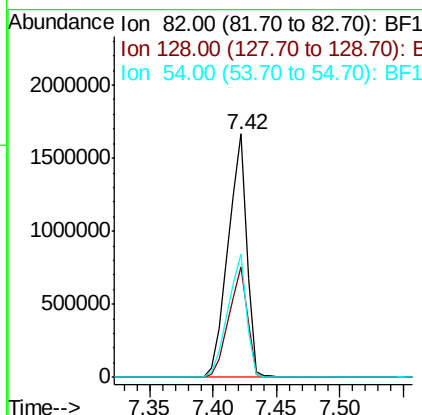
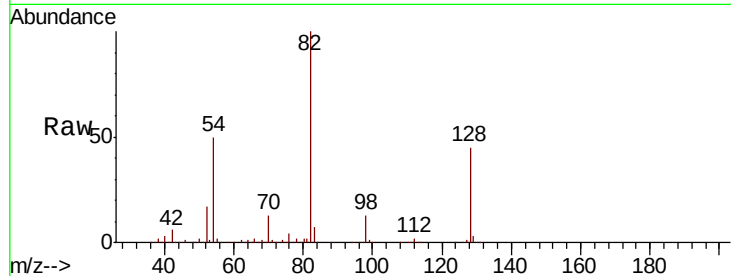




#23
 Nitrobenzene-d5
 Concen: 96.167 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

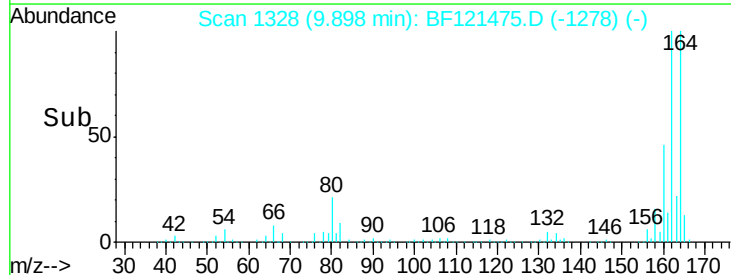
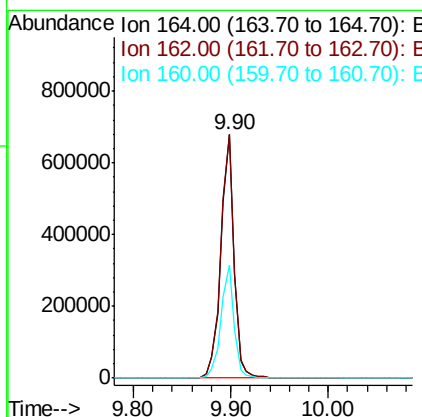
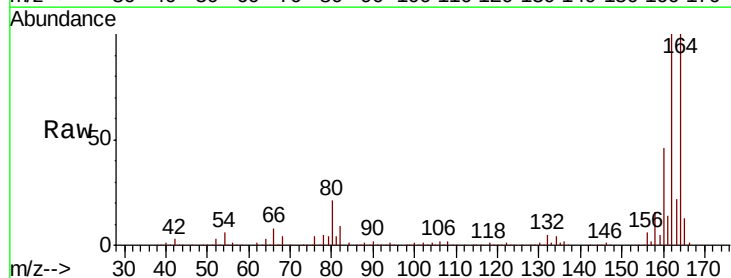
Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

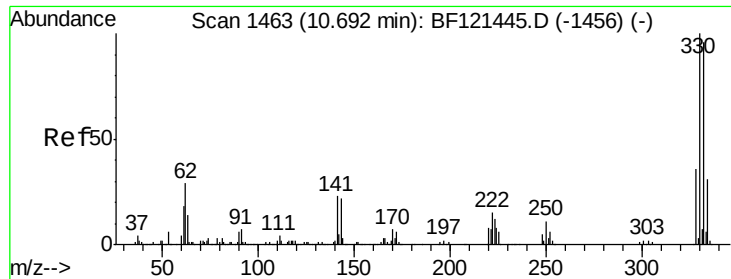
Tot Ion: 82 Resp: 1709548
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.1 51.1
 54 50.5 41.0 61.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:164 Resp: 637051
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.4 123.6
 160 46.4 37.6 56.4

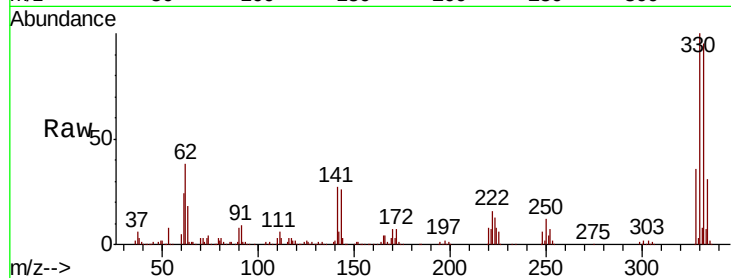




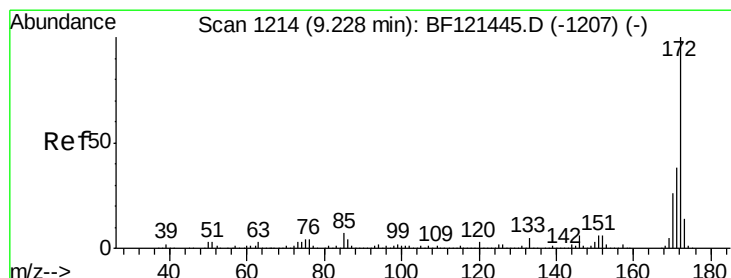
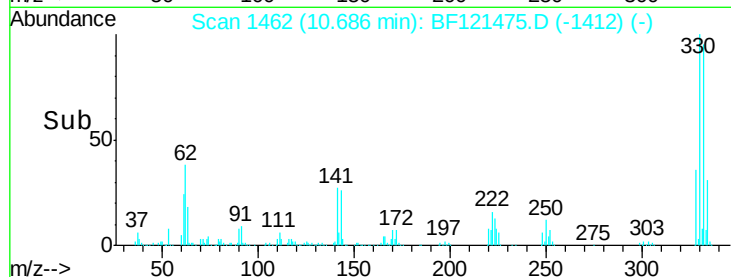
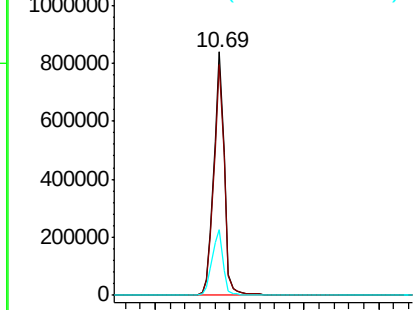
#42
 2,4,6-Tribromophenol
 Concen: 127.251 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion:330 Resp: 818801
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.2
 141 28.8 24.6 36.8

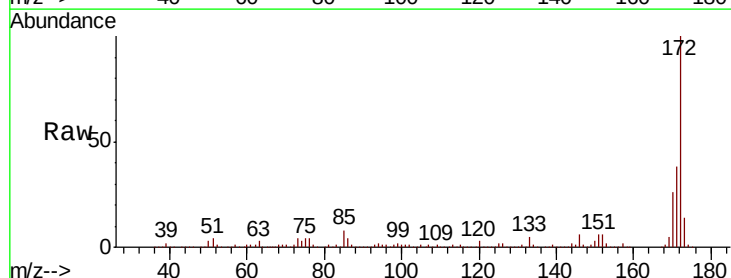


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

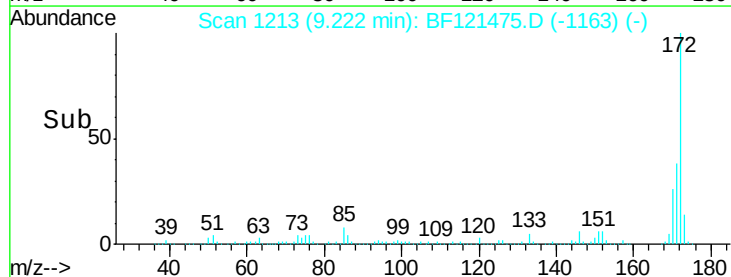
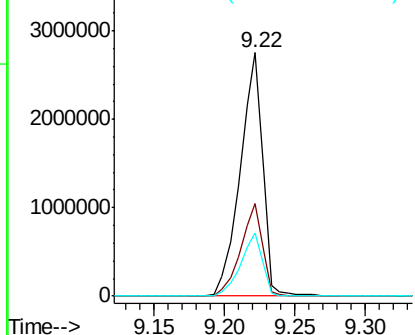


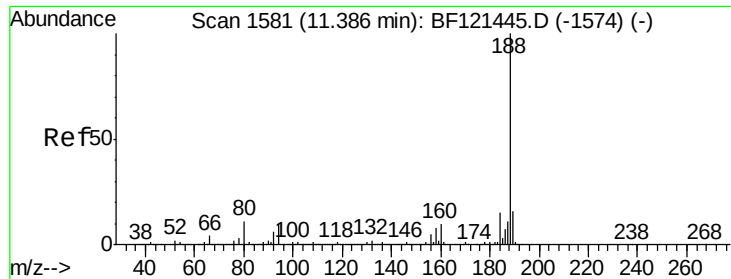
#45
 2-Fluorobiphenyl
 Concen: 77.608 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:172 Resp: 3064104
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.6 45.8
 170 25.9 20.6 31.0



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

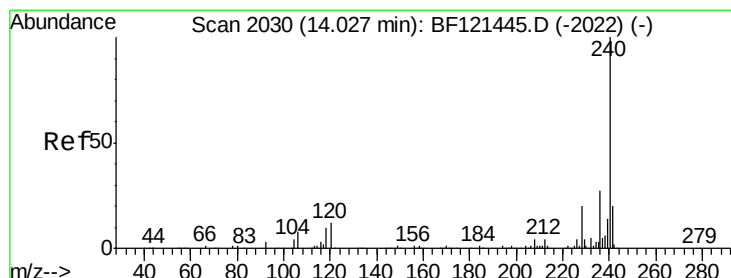
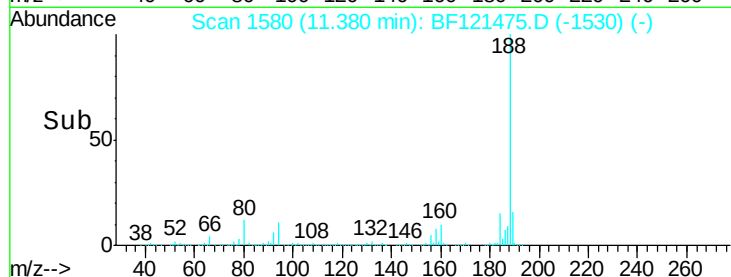
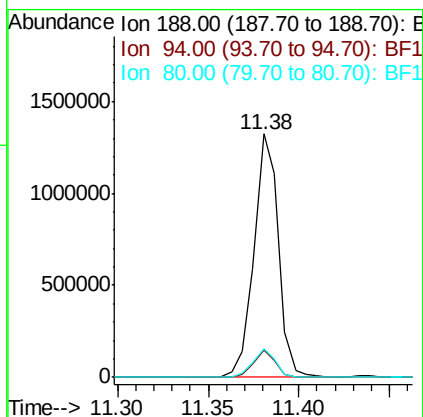
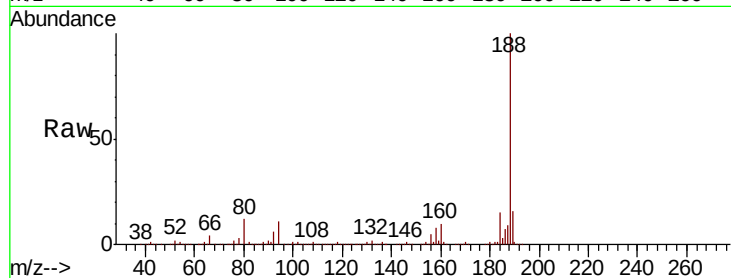




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121475.D
Acq: 31 Aug 2020 13:47

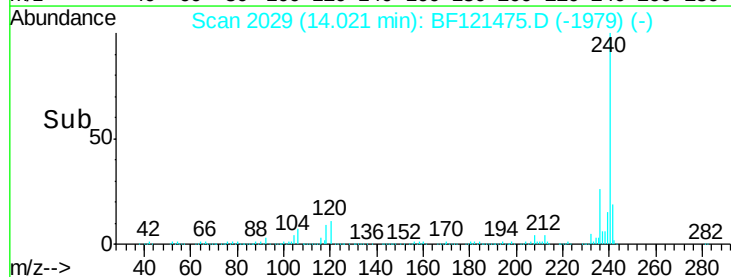
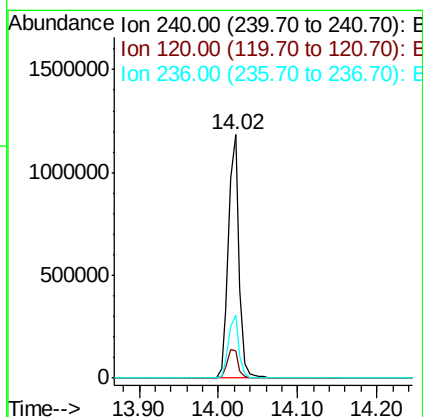
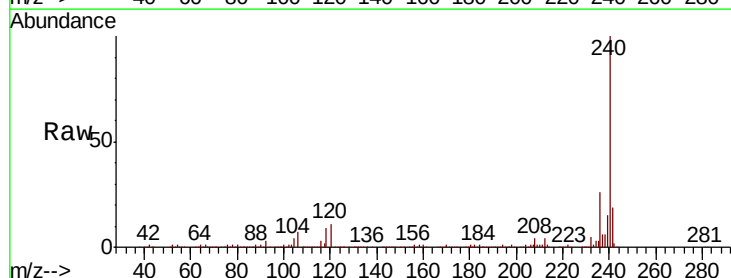
Instrument :
BNA_F
ClientSampleId :
PB131291BL

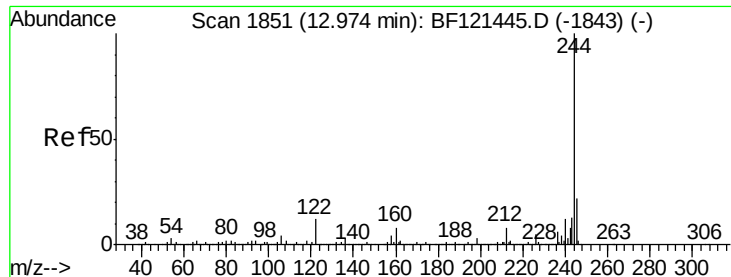
Tot Ion:188 Resp: 1241153
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 11.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121475.D
Acq: 31 Aug 2020 13:47

Tgt Ion:240 Resp: 1095252
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.1 21.8 32.6





#79

Terphenyl-d14

Concen: 63.900 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Instrument :

BNA_F

ClientSampleId :

PB131291BL

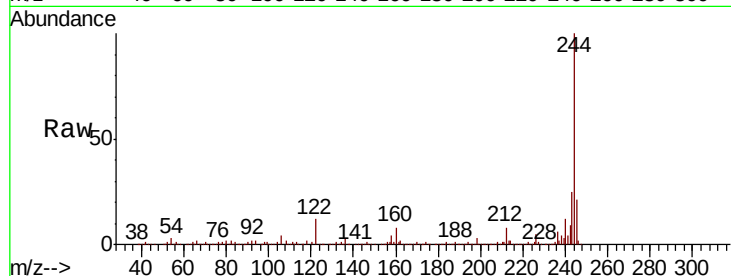
Tot Ion:244 Resp: 3324869

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

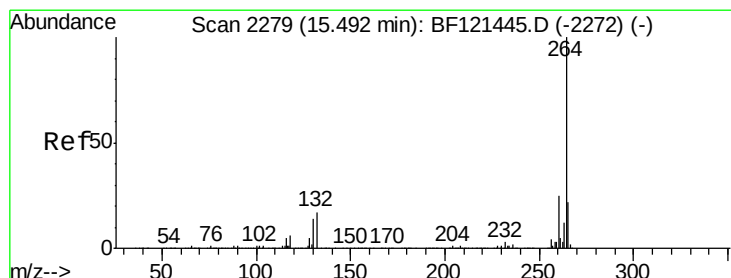
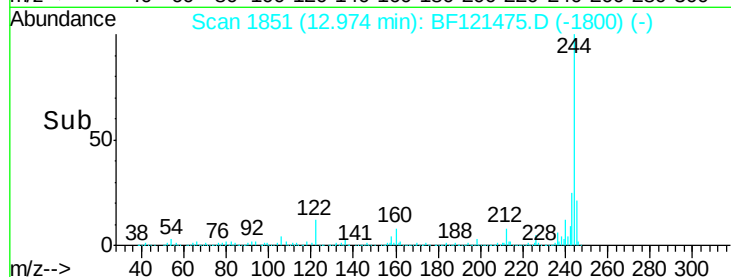
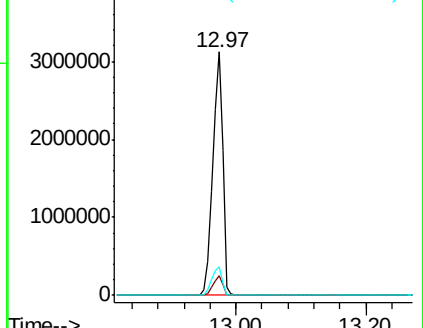
122 11.8 9.5 14.3



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

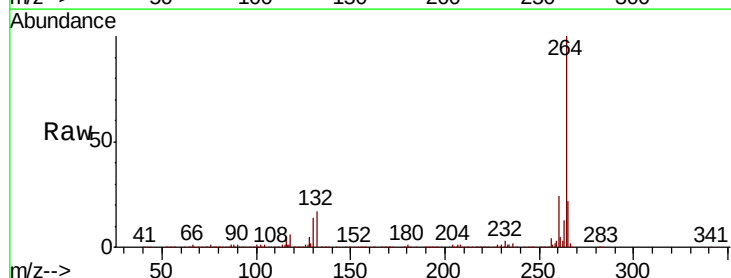
Tgt Ion:264 Resp: 1109195

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.8 17.8 26.6



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

