

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121502.D
 Acq On : 1 Sep 2020 18:06
 Operator : JU/CG
 Sample : L3852-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24179

Quant Time: Sep 01 19:02:48 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	265581	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1007959	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	509783	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	877133	20.00	ng	0.00
76) Chrysene-d12	14.03	240	621405	20.00	ng	0.00
86) Perylene-d12	15.50	264	668434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1499506	94.73	ng	0.00
7) Phenol-d6	6.48	99	1775105	80.24	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1475079	100.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	636173	123.55	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2524470	79.90	ng	0.00
79) Terphenyl-d14	12.97	244	2342381	79.35	ng	0.00

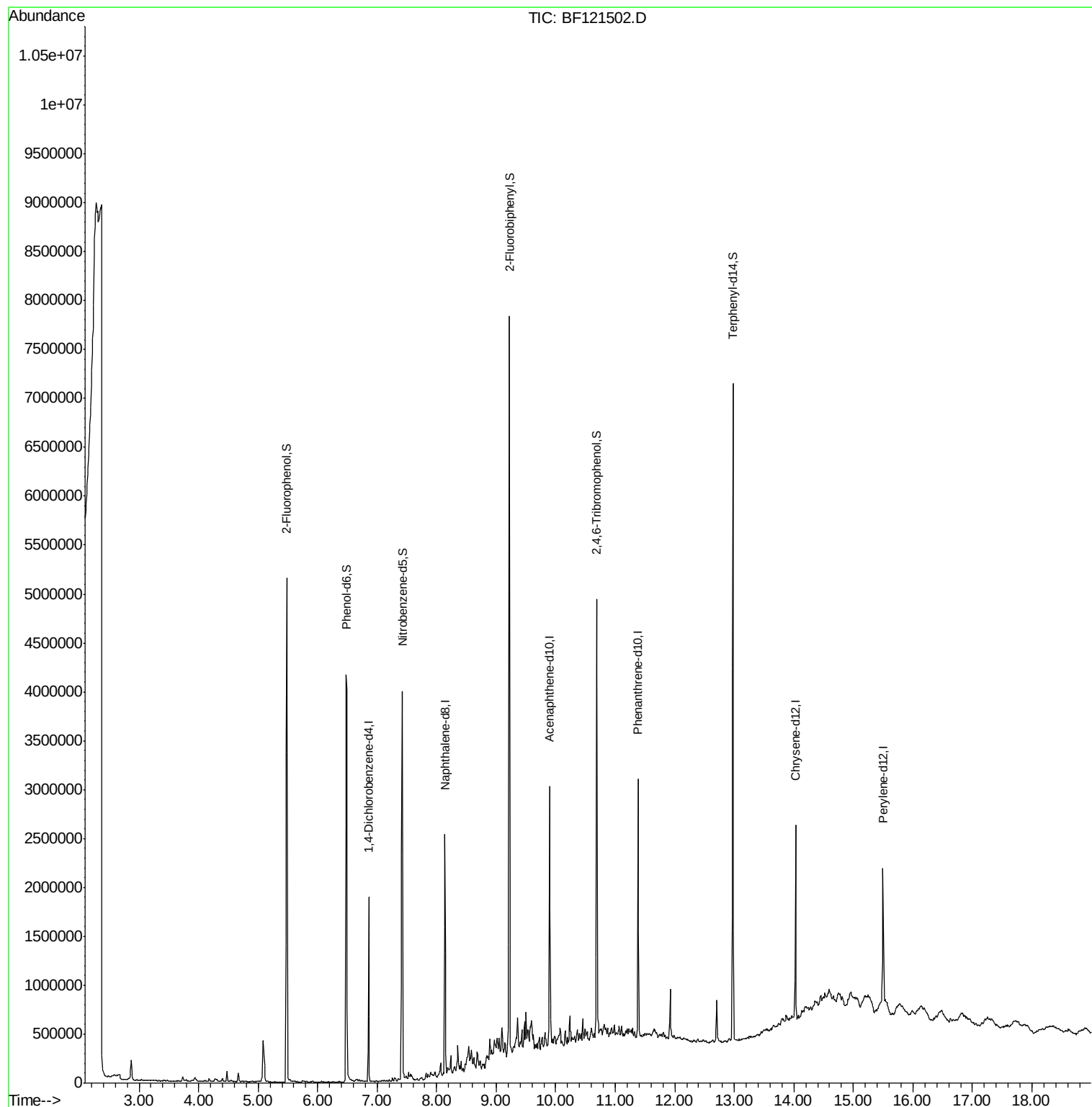
Target Compounds Qvalue

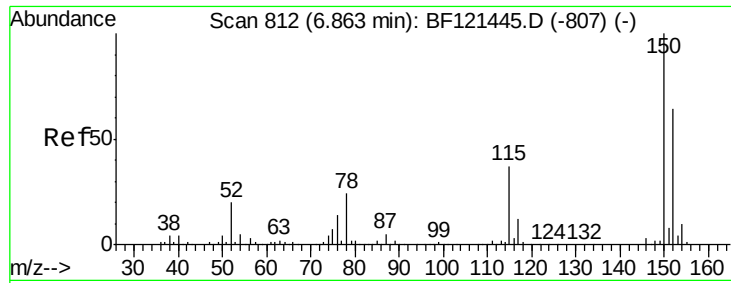
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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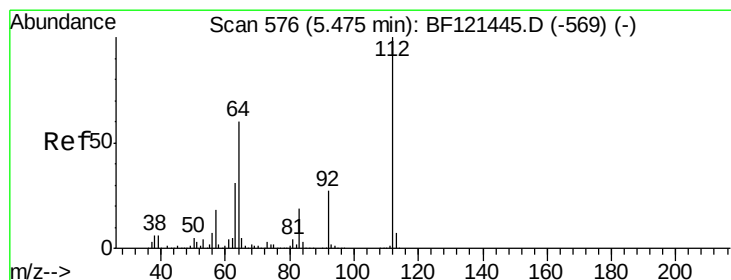
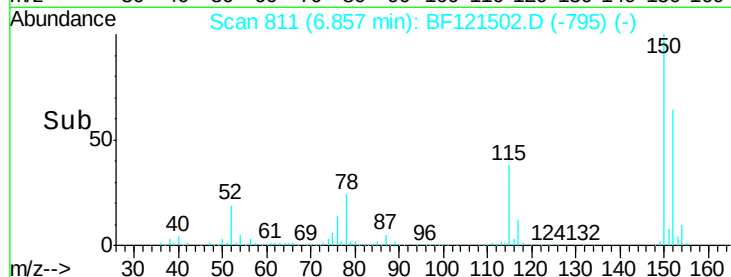
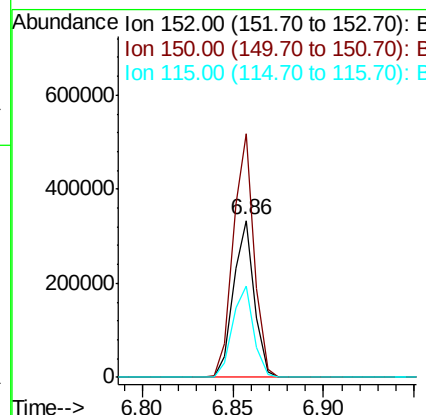
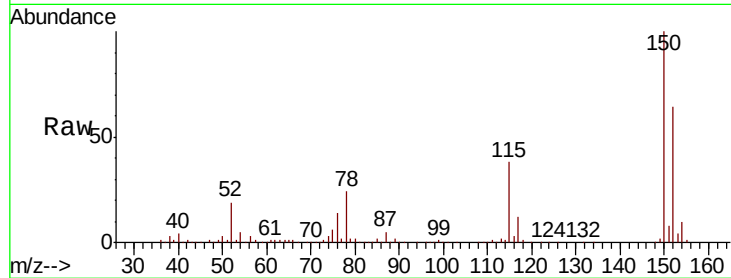




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121502.D
 Acq: 1 Sep 2020 18:06

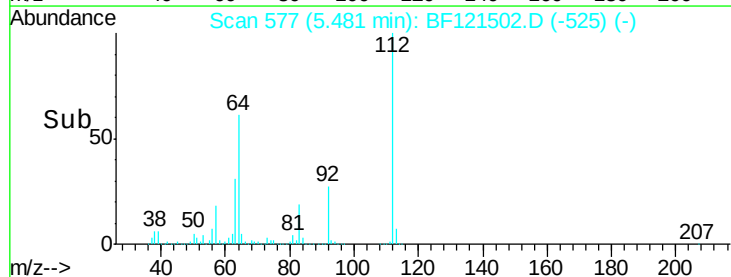
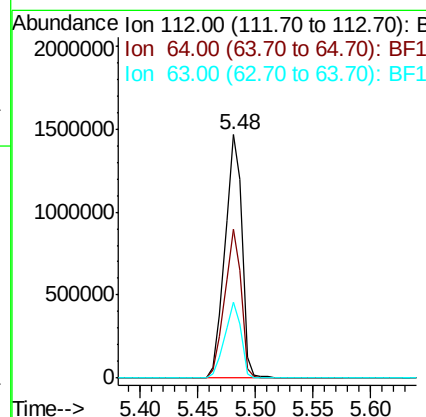
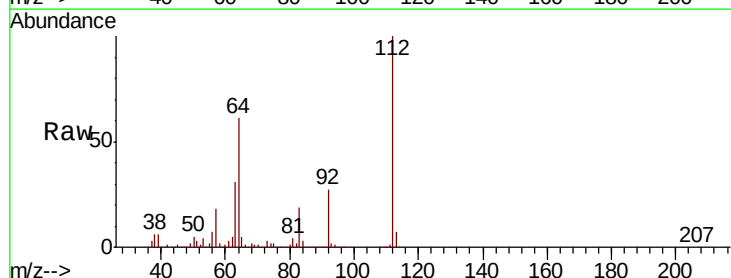
Instrument :
 BNA_F
 ClientSampleId :
 24179

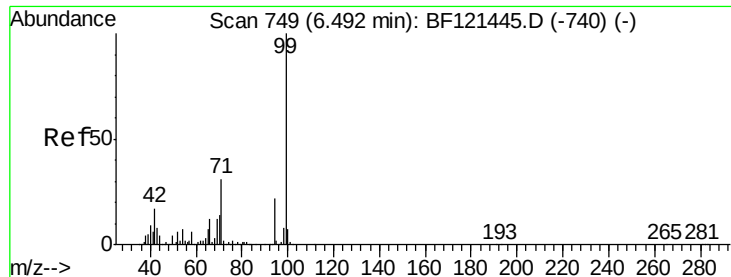
Tot Ion:152 Resp: 265581
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.6
 115 58.3 46.6 69.8



#5
 2-Fluorophenol
 Concen: 94.728 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF121502.D
 Acq: 1 Sep 2020 18:06

Tgt Ion:112 Resp: 1499506
 Ion Ratio Lower Upper
 112 100
 64 61.3 48.2 72.2
 63 31.2 24.8 37.2





#7

Phenol-d6

Concen: 80.244 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121502.D

Acq: 1 Sep 2020 18:06

Instrument :

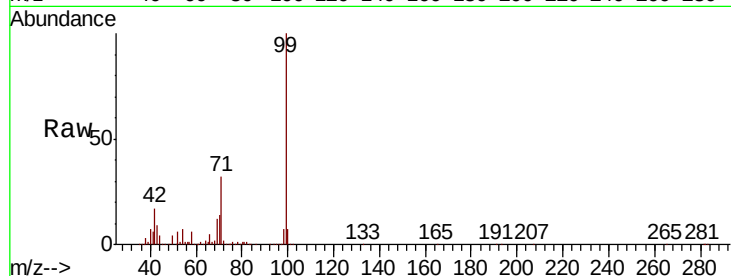
BNA_F

ClientSampleId :

24179

Tot Ion: 99 Resp: 1775105

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	31.8	24.6	37.0

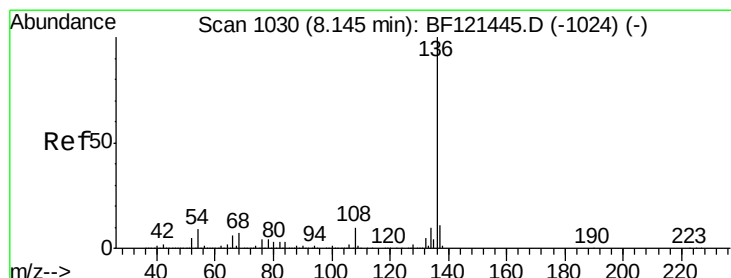
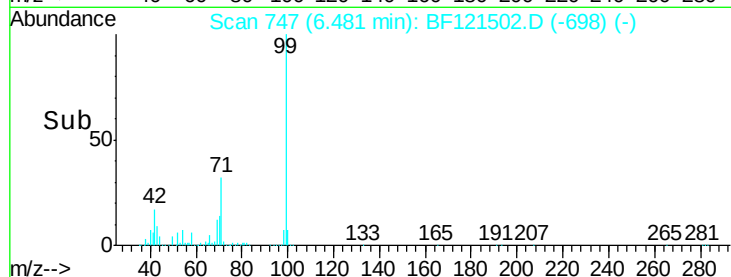
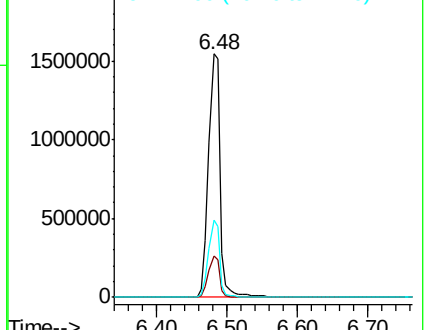


Abundance

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

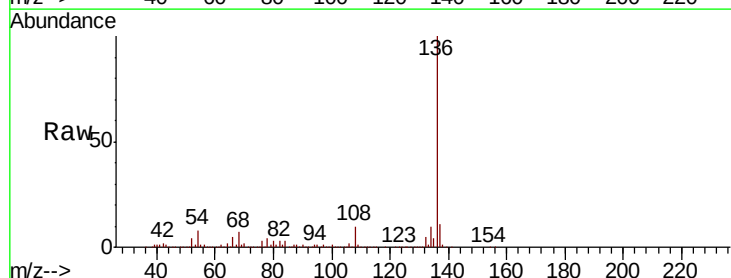
Delta R.T. -0.01 min

Lab File: BF121502.D

Acq: 1 Sep 2020 18:06

Tgt Ion: 136 Resp: 1007959

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	7.0	10.4
68	7.0	5.5	8.3



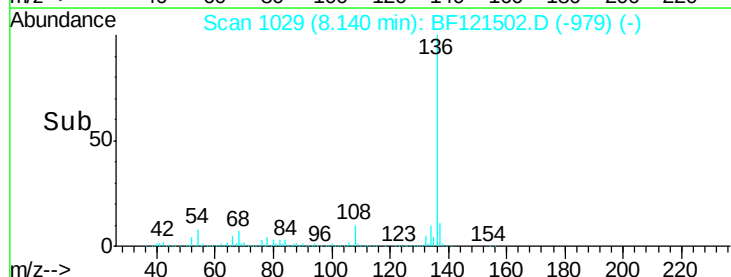
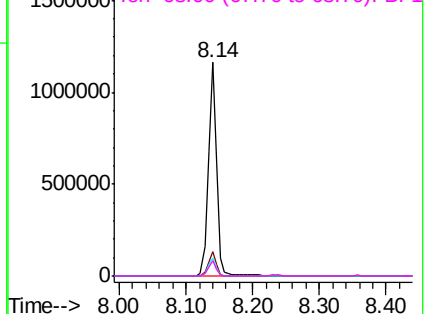
Abundance

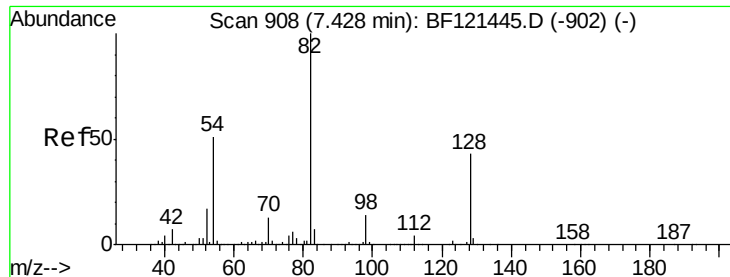
Ion 136.00 (135.70 to 136.70): E

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: 100.048 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF121502.D

Acq: 1 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

24179

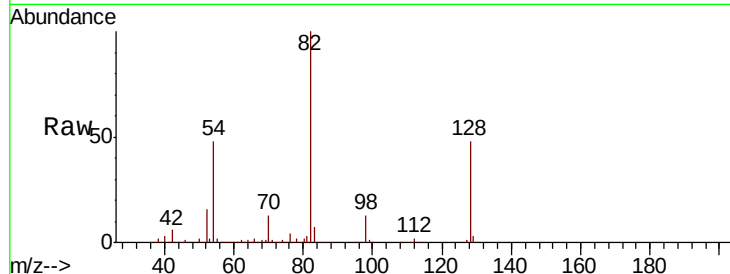
Tot Ion: 82 Resp: 1475079

Ion Ratio Lower Upper

82 100

128 48.2 34.1 51.1

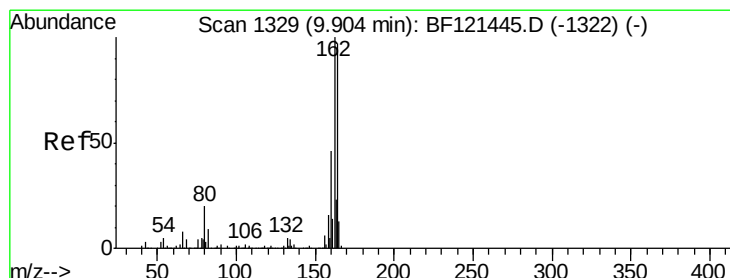
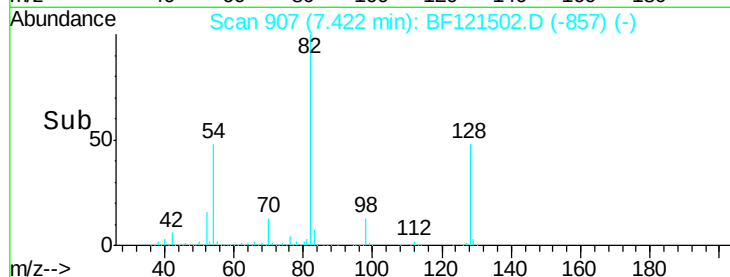
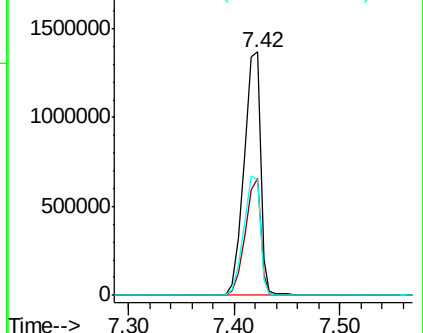
54 47.7 41.0 61.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121502.D

Acq: 1 Sep 2020 18:06

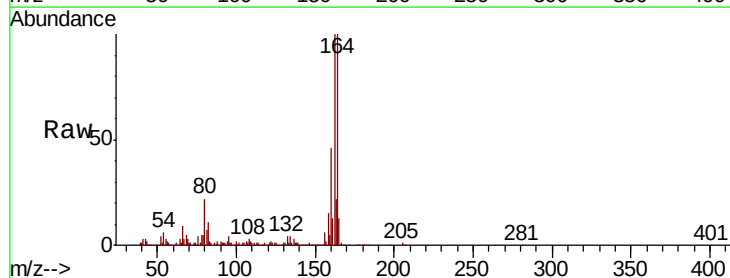
Tgt Ion: 164 Resp: 509783

Ion Ratio Lower Upper

164 100

162 100.5 82.4 123.6

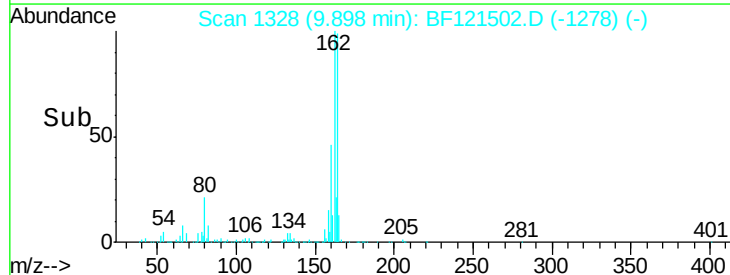
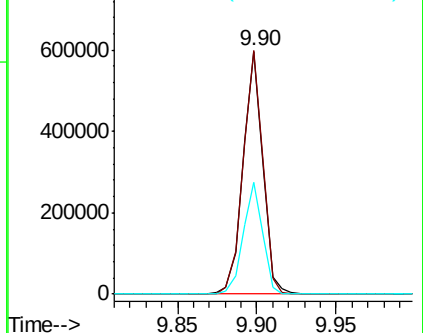
160 46.0 37.6 56.4

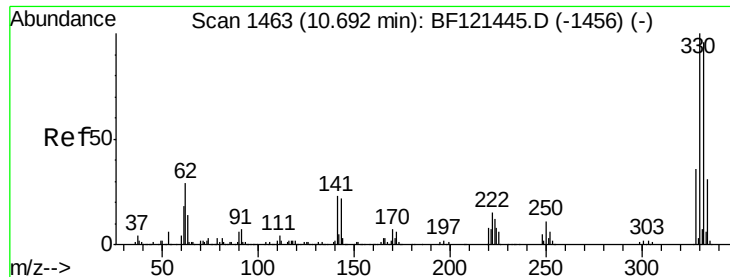


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

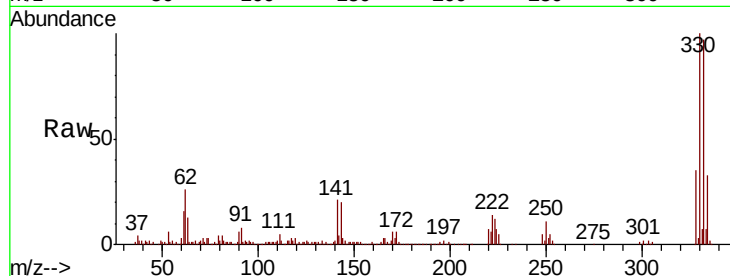




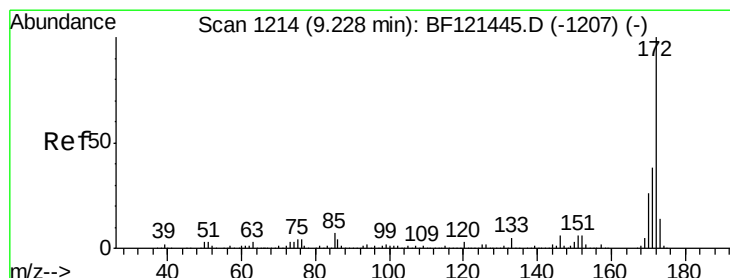
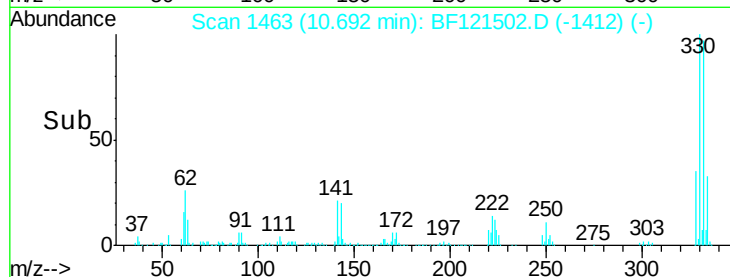
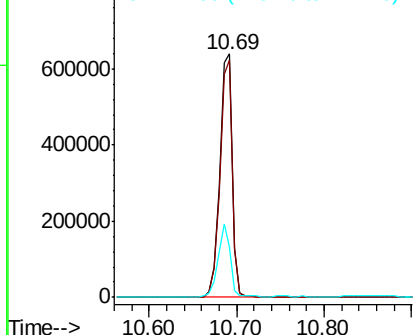
#42
 2,4,6-Tribromophenol
 Concen: 123.551 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF121502.D
 Acq: 1 Sep 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :
 24179

Tot Ion:330 Resp: 636173
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.2
 141 28.3 24.6 36.8

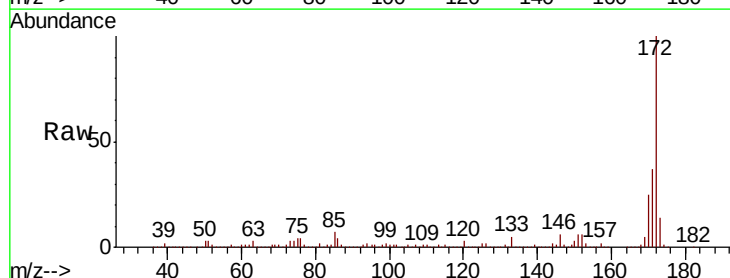


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

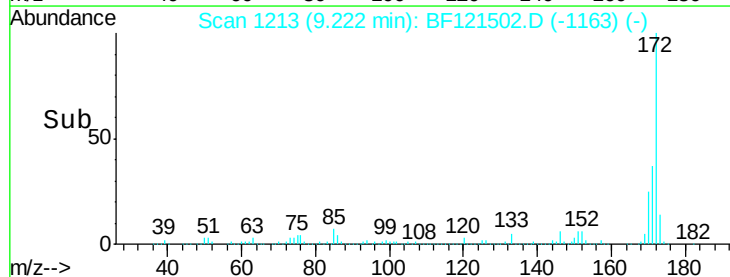
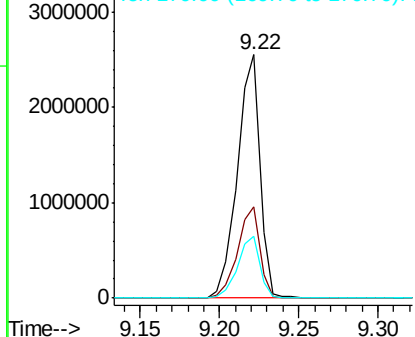


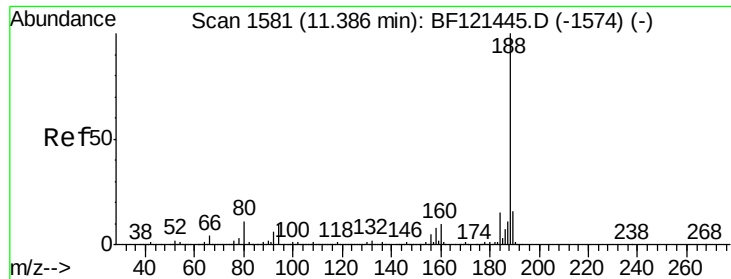
#45
 2-Fluorobiphenyl
 Concen: 79.903 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121502.D
 Acq: 1 Sep 2020 18:06

Tgt Ion:172 Resp: 2524470
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.6 45.8
 170 25.3 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

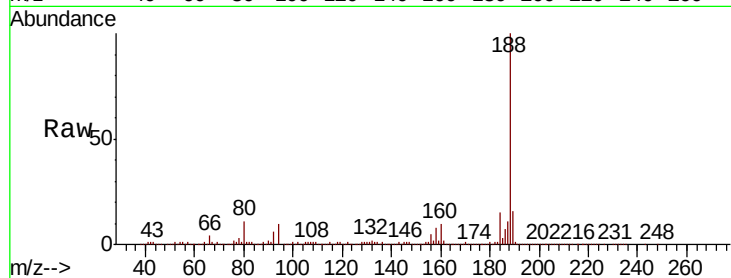




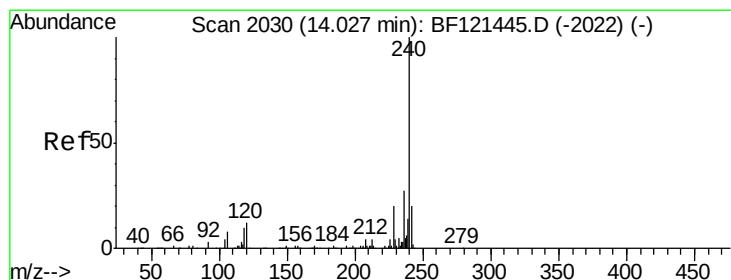
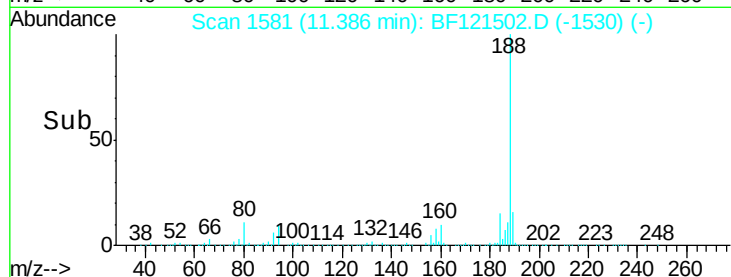
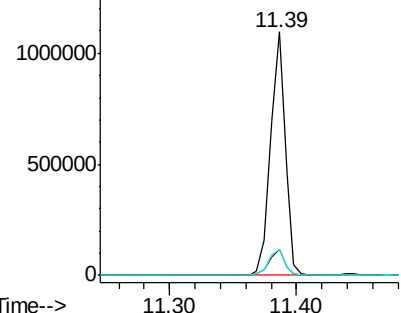
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampled :
24179

Tot Ion:188 Resp: 877133
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.8 8.6 13.0

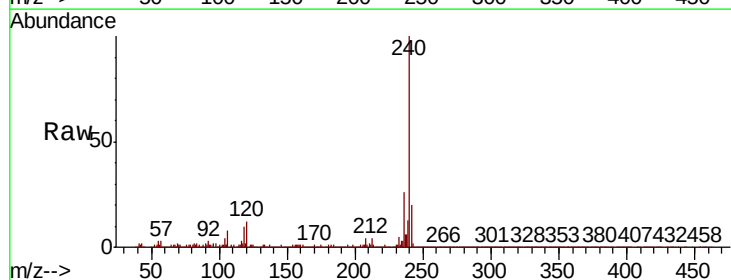


Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

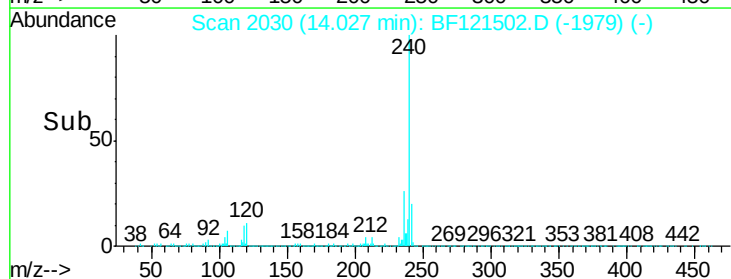
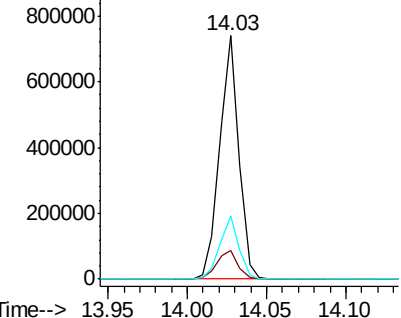


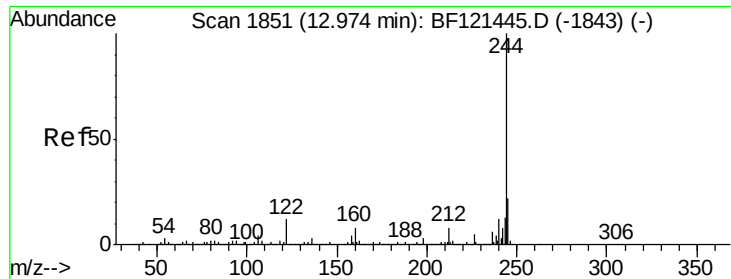
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:240 Resp: 621405
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.1 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E
1000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.346 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF121502.D

Acq: 1 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

24179

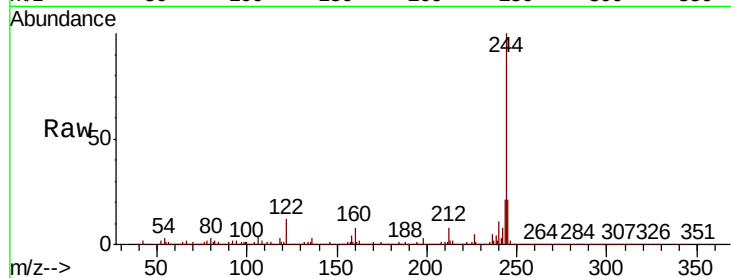
Tot Ion:244 Resp: 2342381

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

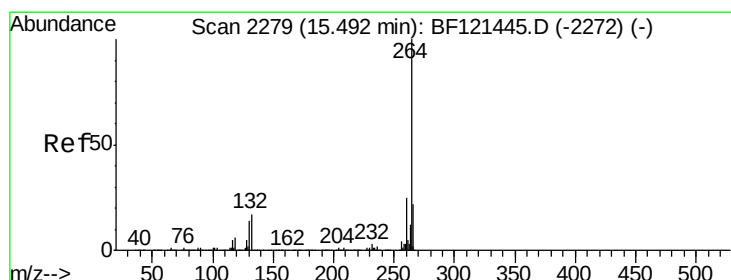
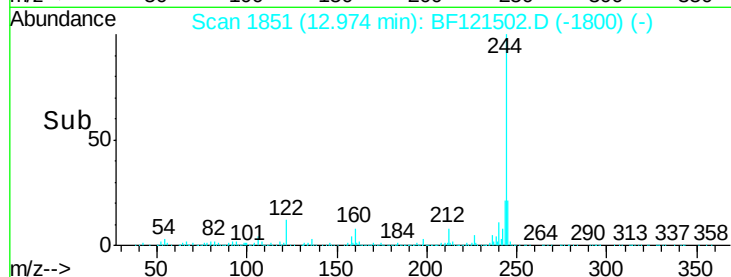
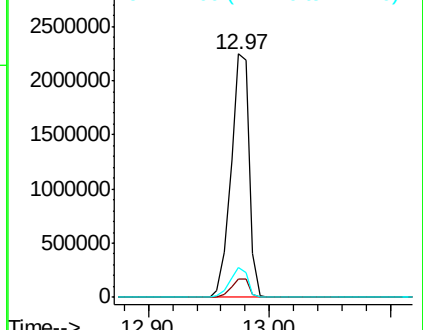
122 12.5 9.5 14.3



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF121502.D

Acq: 1 Sep 2020 18:06

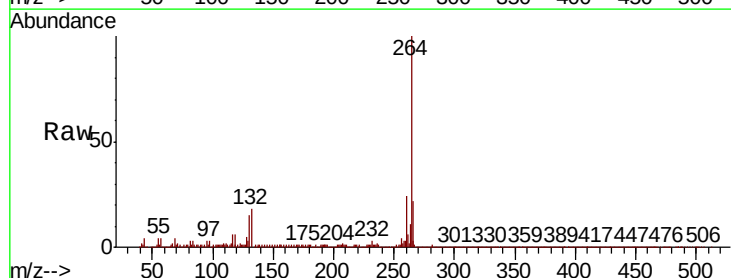
Tgt Ion:264 Resp: 668434

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 22.3 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

