

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121537.D
 Acq On : 8 Sep 2020 23:05
 Operator : JU/CG
 Sample : L3926-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BR-1

Quant Time: Sep 09 03:35:16 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	308310	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1169451	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	607623	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1175232	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	993521	20.00	ng	-0.02
86) Perylene-d12	15.45	264	834883	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1815864	98.81	ng	0.00
7) Phenol-d6	6.47	99	2090718	81.41	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1687643	98.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	880524	143.47	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2987984	79.35	ng	-0.01
79) Terphenyl-d14	12.95	244	3435206	72.78	ng	0.00

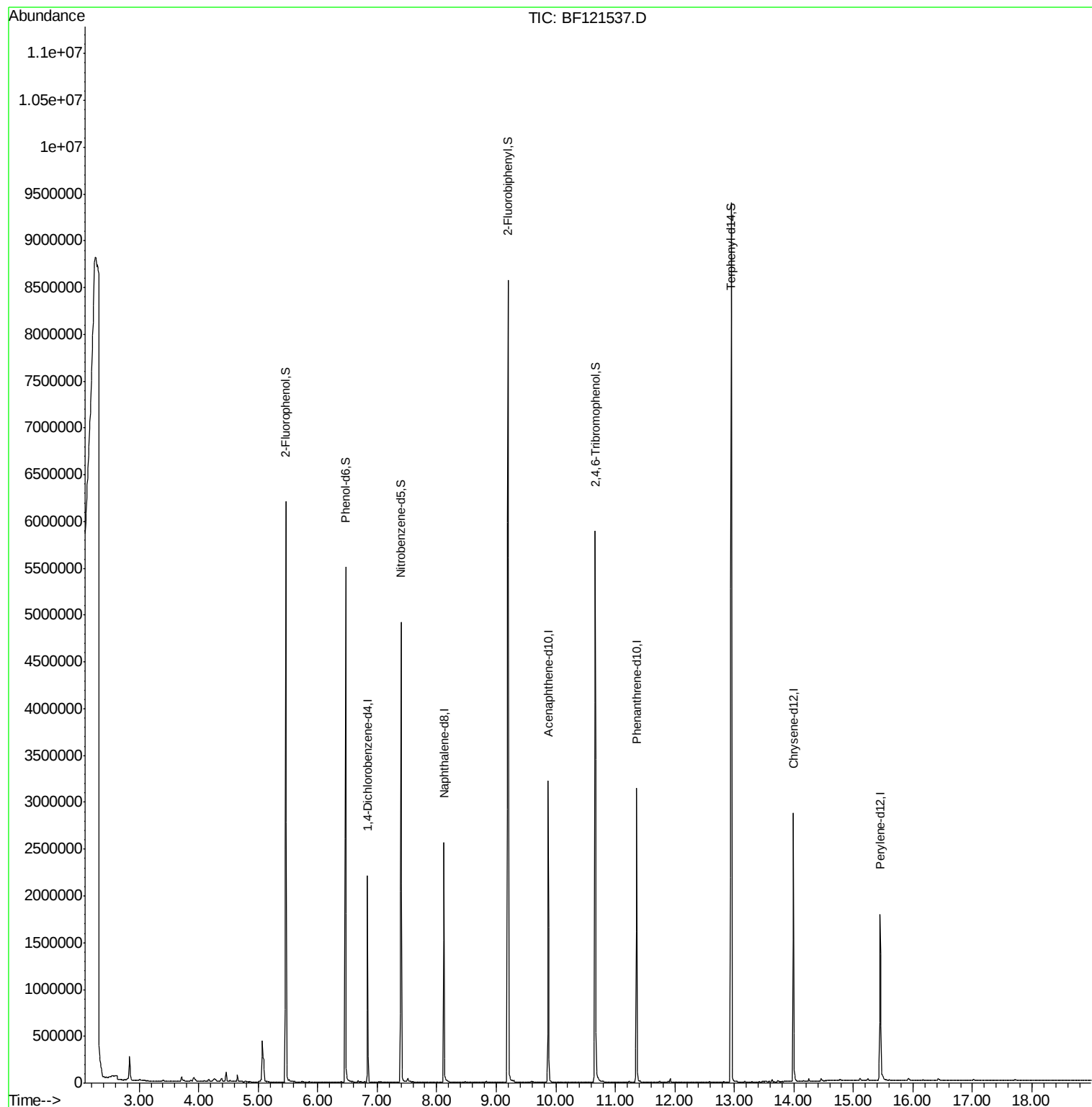
Target Compounds Qvalue

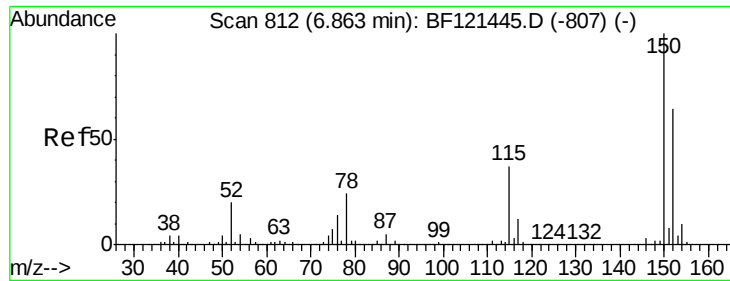
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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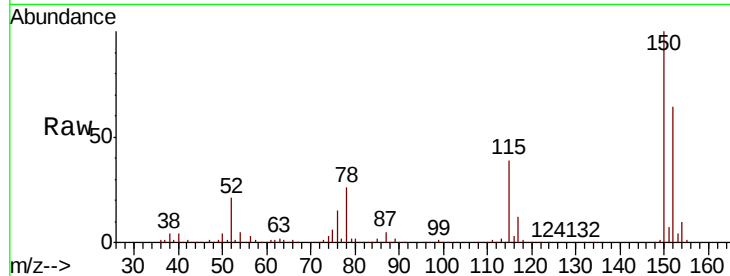


#1

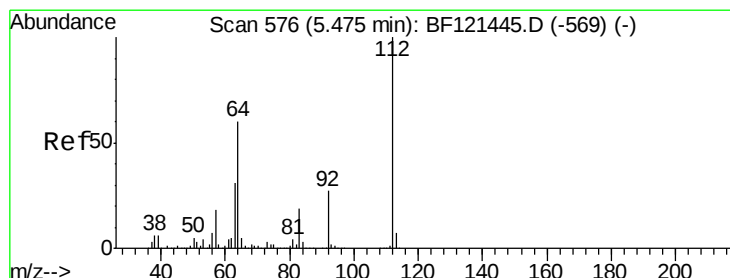
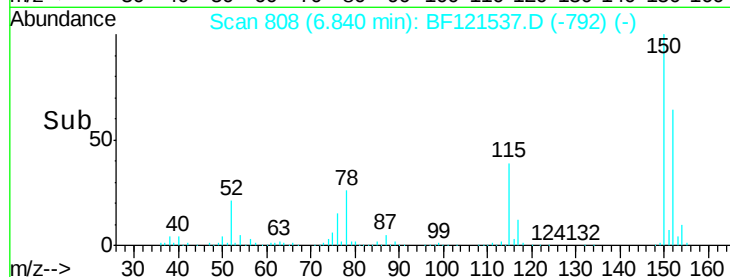
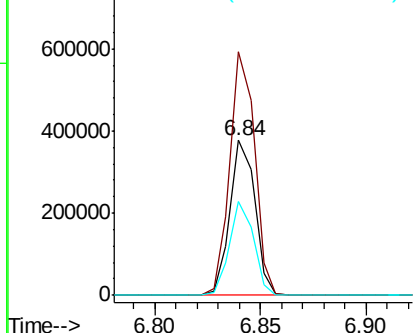
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121537.D
Acq: 8 Sep 2020 23:05

Instrument :
BNA_F
ClientSampleId :
BR-1

Tot Ion:152 Resp: 308310
Ion Ratio Lower Upper
152 100
150 157.0 126.1 189.1
115 60.6 48.4 72.6



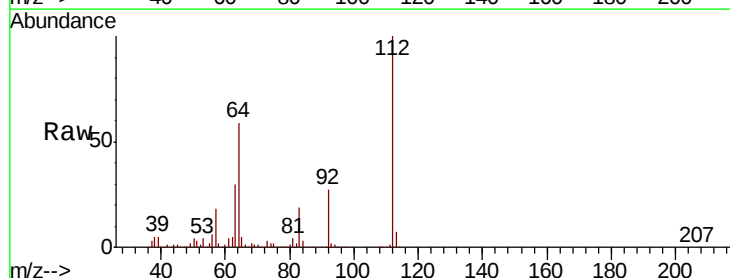
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



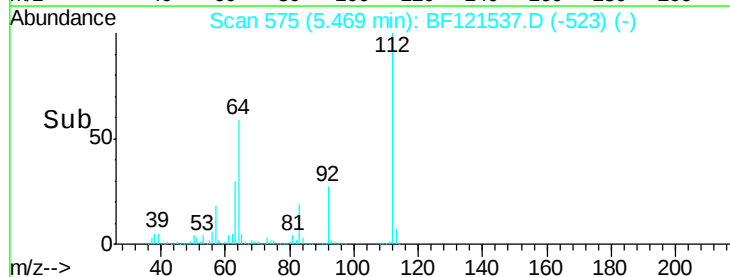
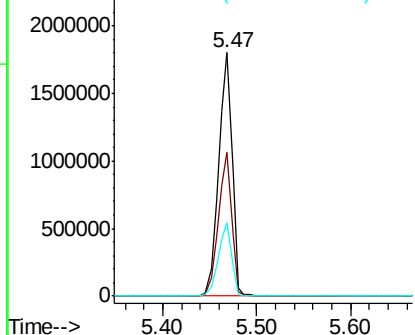
#5

2-Fluorophenol
Concen: 98.815 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121537.D
Acq: 8 Sep 2020 23:05

Tgt Ion:112 Resp: 1815864
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.0 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: 81.413 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121537.D

Acq: 8 Sep 2020 23:05

Instrument :

BNA_F

ClientSampled :

BR-1

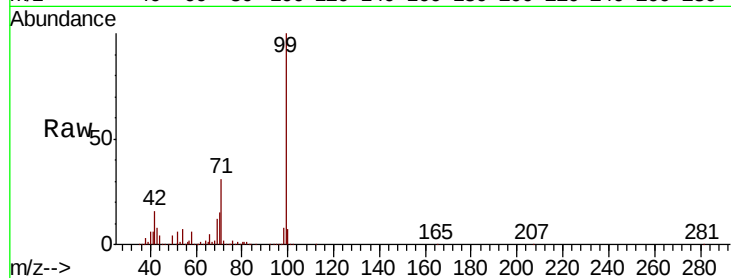
Tot Ion: 99 Resp: 2090718

Ion Ratio Lower Upper

99 100

42 16.3 13.0 19.4

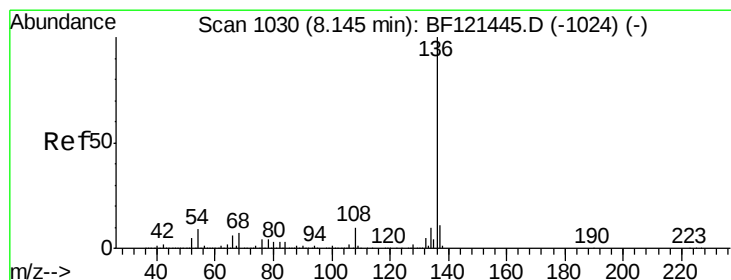
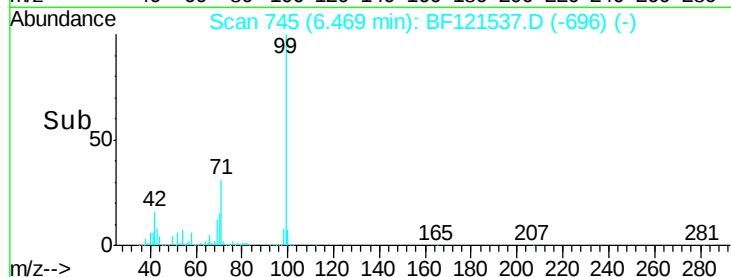
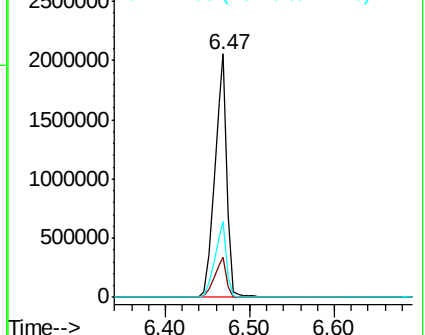
71 31.1 24.8 37.2



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: BF121537.D

Acq: 8 Sep 2020 23:05

Tgt Ion: 136 Resp: 1169451

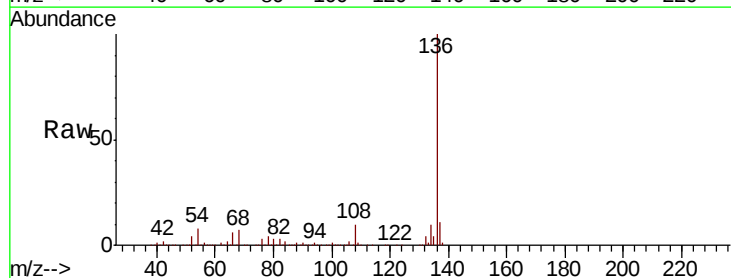
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.2 6.2 9.4

68 6.9 5.1 7.7

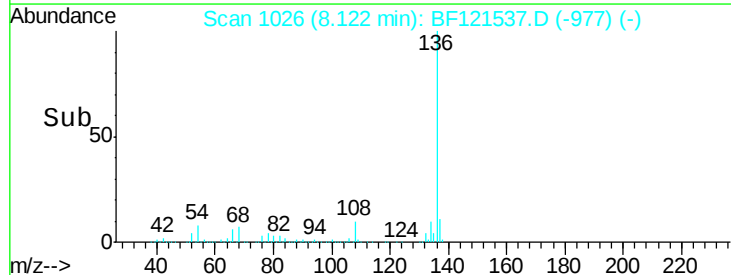
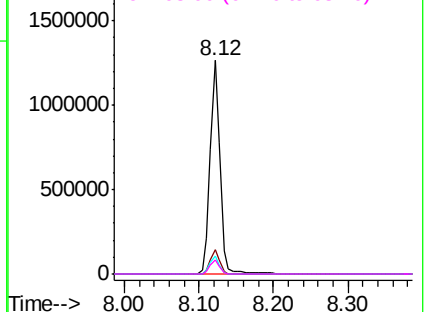


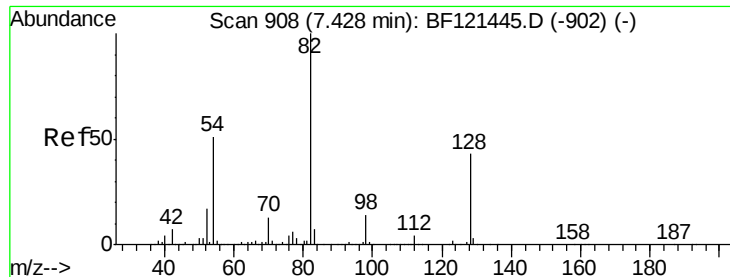
Abundance Ion 136.00 (135.70 to 136.70): E

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

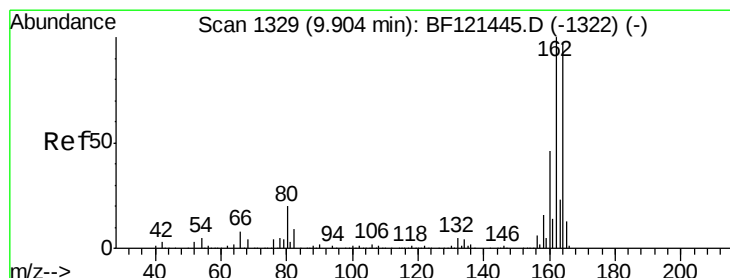
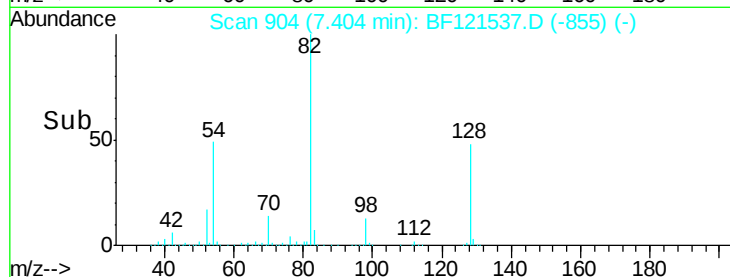
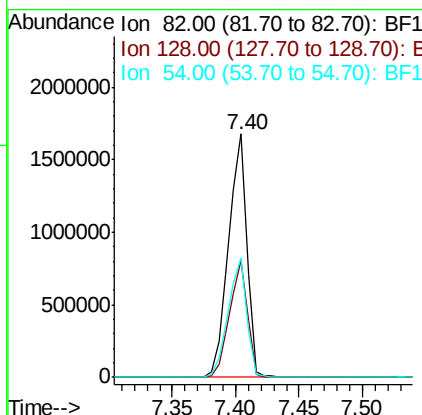
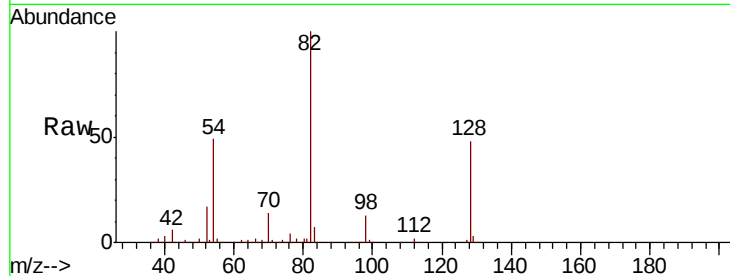




#23
Nitrobenzene-d5
Concen: 98.659 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121537.D
Acq: 8 Sep 2020 23:05

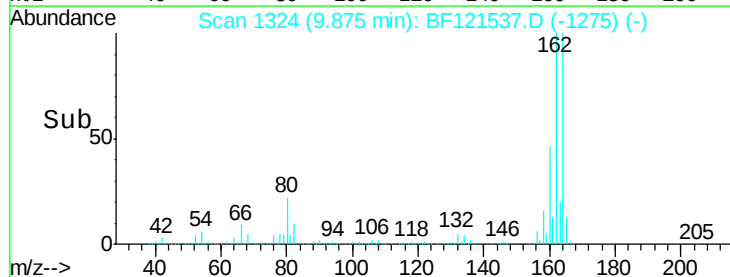
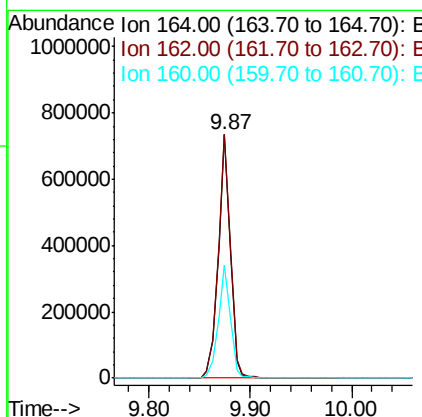
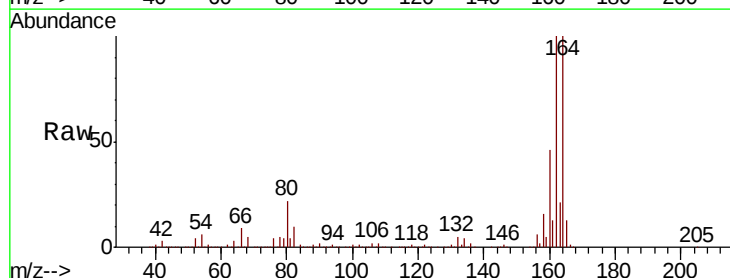
Instrument :
BNA_F
ClientSampled :
BR-1

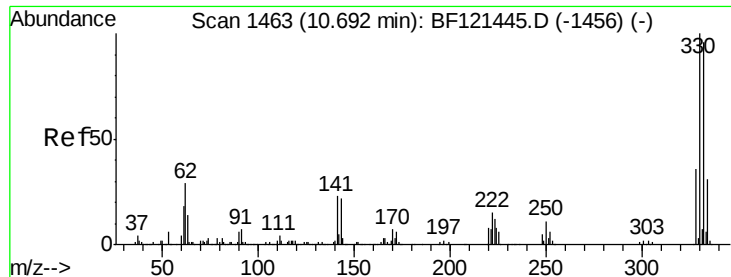
Tot Ion: 82 Resp: 1687643
Ion Ratio Lower Upper
82 100
128 47.9 37.3 55.9
54 48.9 39.0 58.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121537.D
Acq: 8 Sep 2020 23:05

Tgt Ion: 164 Resp: 607623
Ion Ratio Lower Upper
164 100
162 100.1 80.5 120.7
160 46.3 36.2 54.4

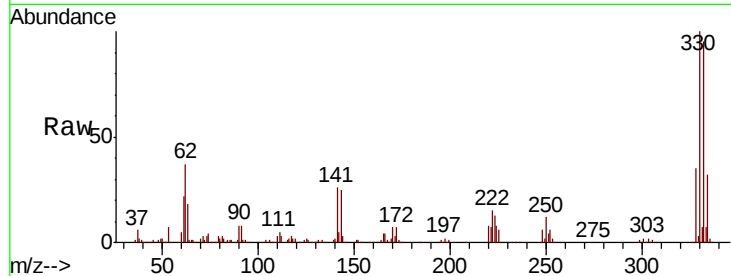




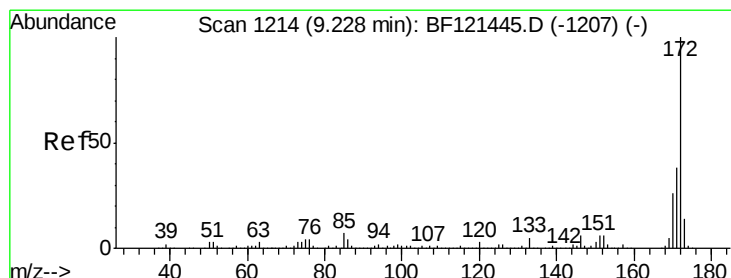
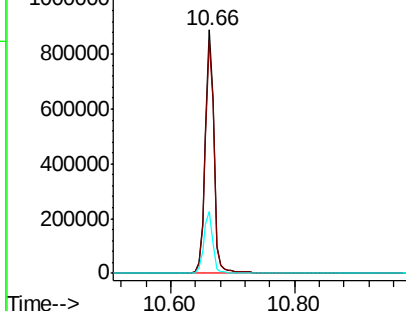
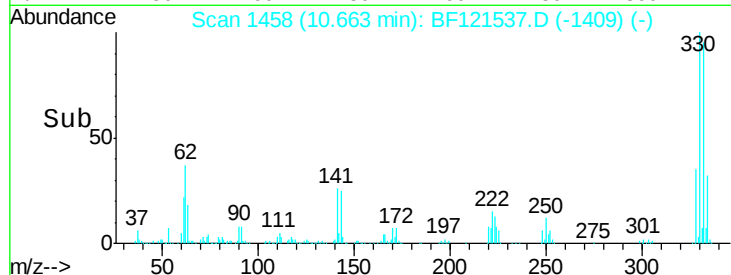
#42
 2,4,6-Tribromophenol
 Concen: 143.471 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121537.D
 Acq: 8 Sep 2020 23:05

Instrument :
 BNA_F
 ClientSampled :
 BR-1

Tot Ion:330 Resp: 880524
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.2
 141 27.0 22.6 34.0

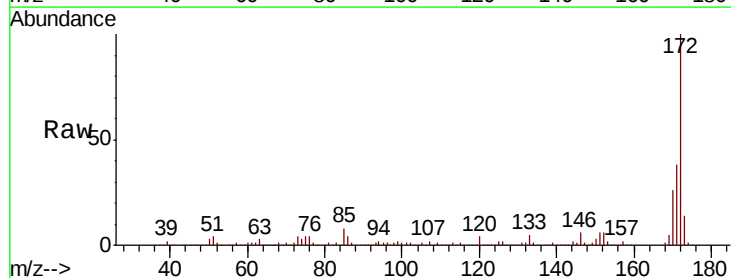


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

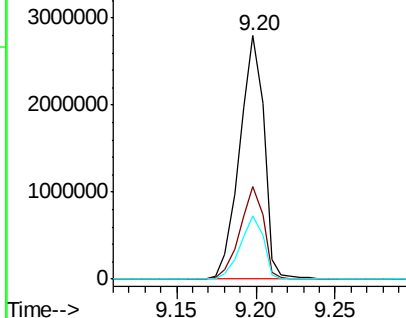
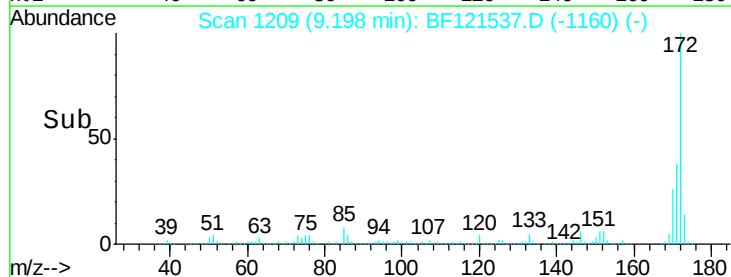


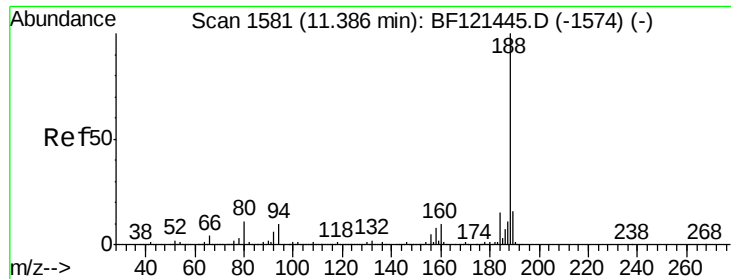
#45
 2-Fluorobiphenyl
 Concen: 79.345 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121537.D
 Acq: 8 Sep 2020 23:05

Tgt Ion:172 Resp: 2987984
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.4 45.6
 170 25.8 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

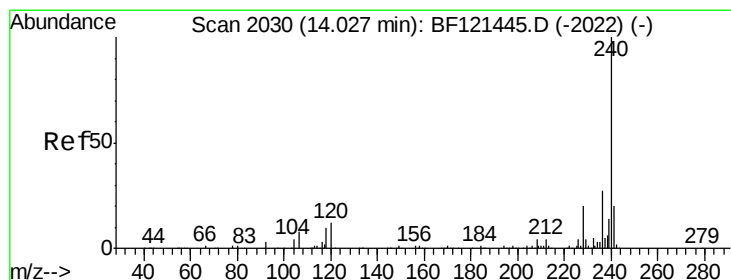
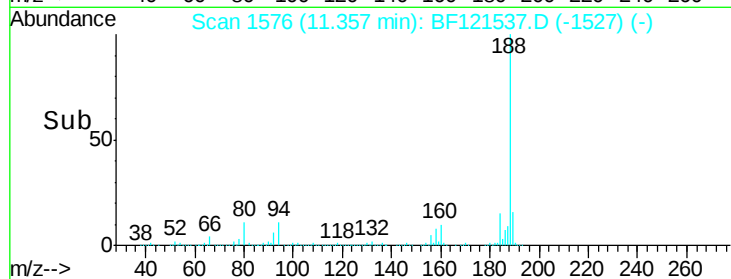
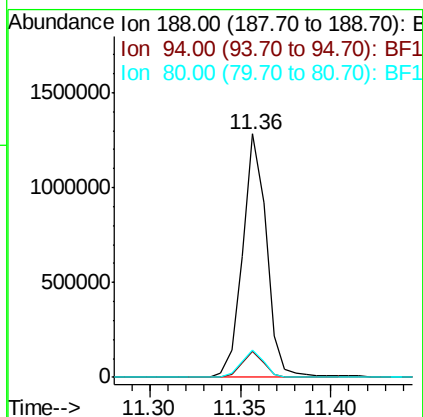
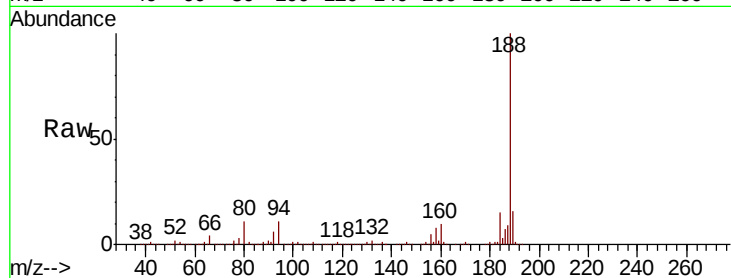




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121537.D
Acq: 8 Sep 2020 23:05

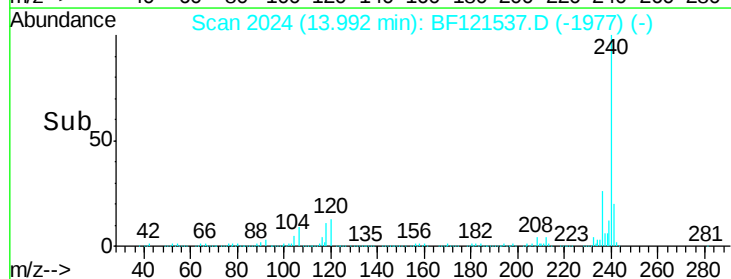
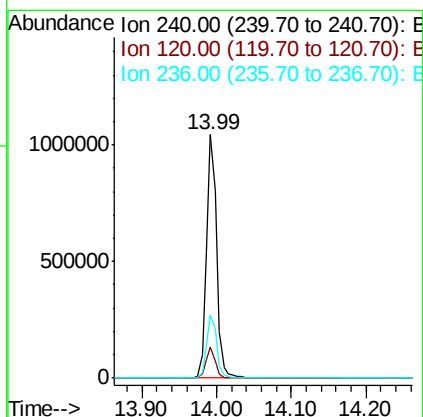
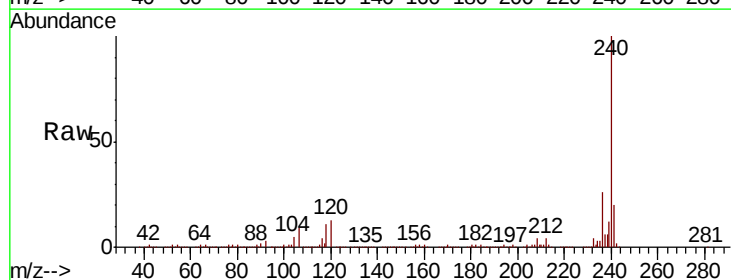
Instrument :
BNA_F
ClientSampleId :
BR-1

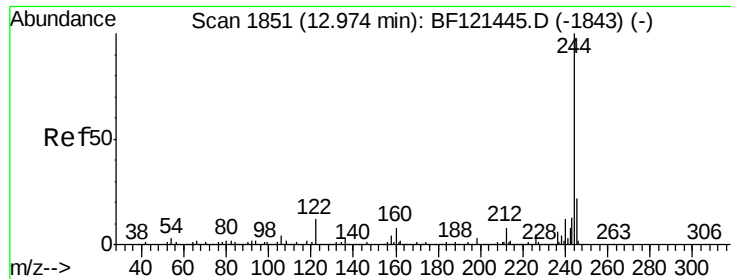
Tot Ion:188 Resp: 1175232
Ion Ratio Lower Upper
188 100
94 10.7 8.8 13.2
80 11.2 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF121537.D
Acq: 8 Sep 2020 23:05

Tgt Ion:240 Resp: 993521
Ion Ratio Lower Upper
240 100
120 12.5 8.0 12.0#
236 26.1 21.4 32.2

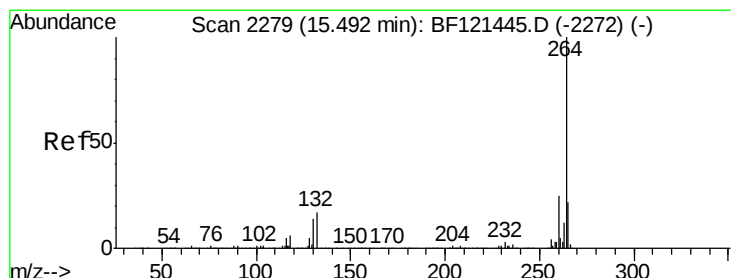
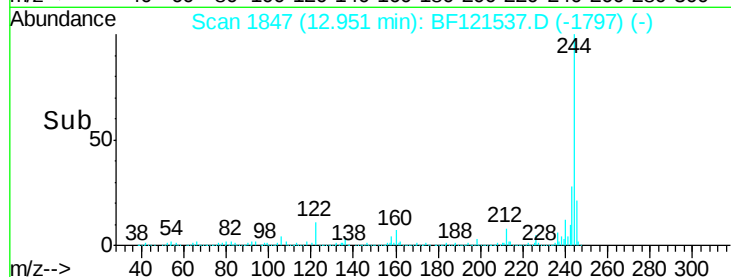
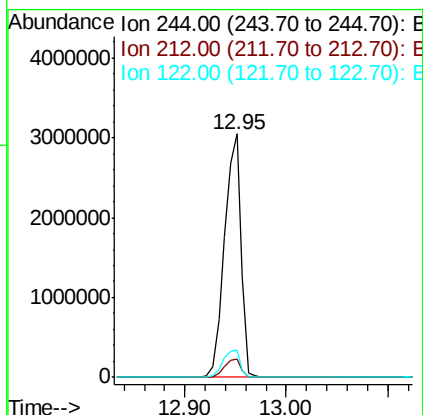
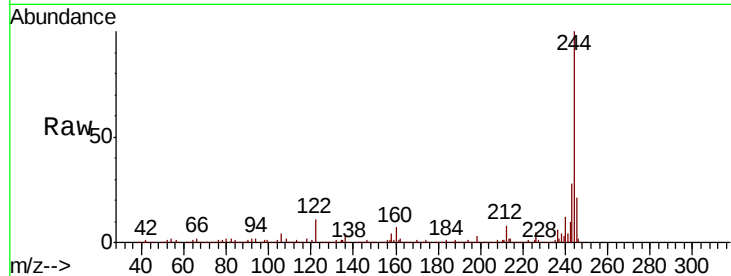




#79
 Terphenyl-d14
 Concen: 72.781 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF121537.D
 Acq: 8 Sep 2020 23:05

Instrument :
 BNA_F
 ClientSampleId :
 BR-1

Tot Ion:244 Resp: 3435206
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.0 9.3 13.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF121537.D
 Acq: 8 Sep 2020 23:05

Tgt Ion:264 Resp: 834883
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 21.9 17.4 26.2

