

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121503.D
 Acq On : 1 Sep 2020 18:37
 Operator : JU/CG
 Sample : L3852-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251378

Quant Time: Sep 01 19:04:59 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

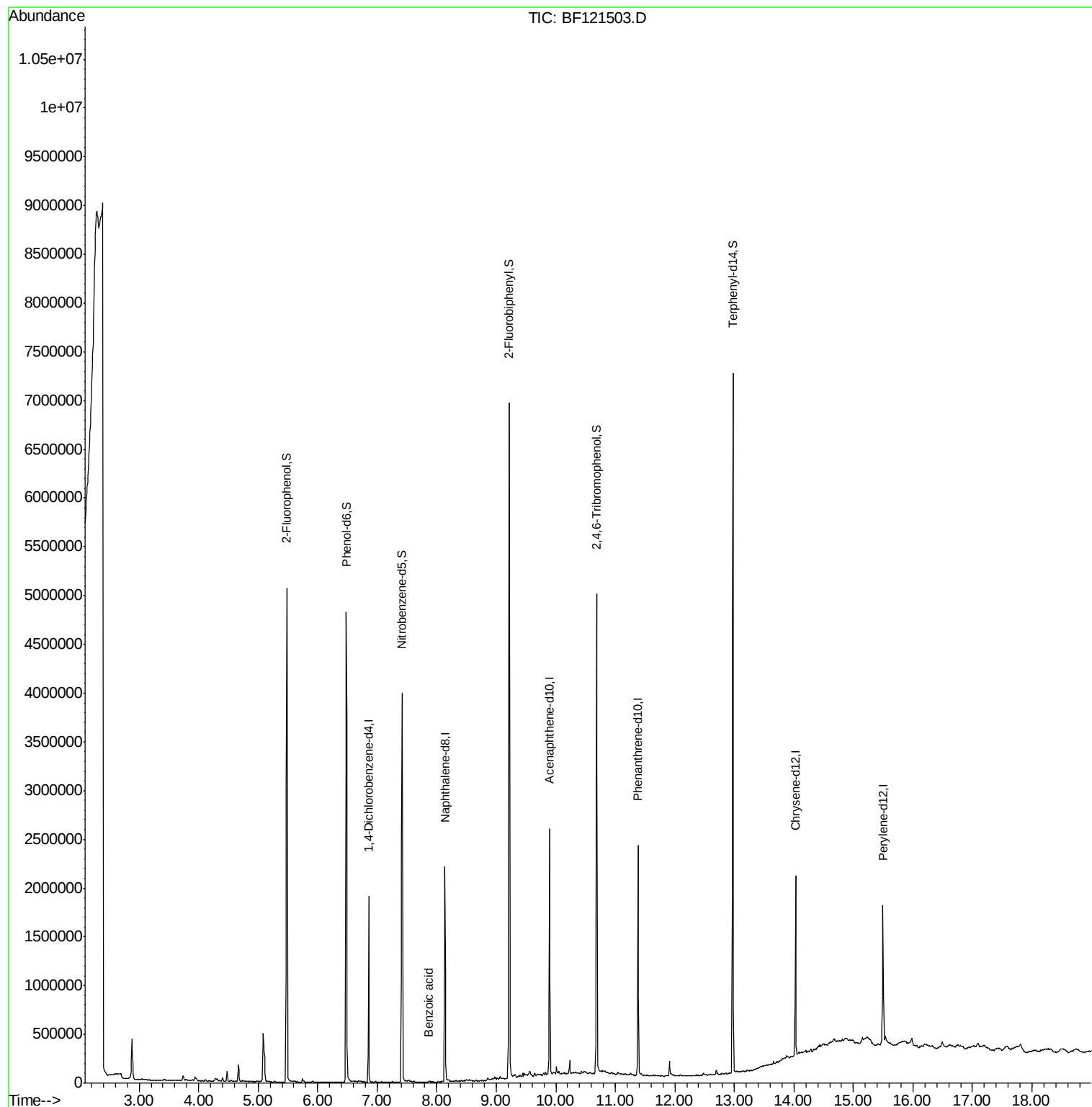
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	258930	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	993685	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	495760	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	866970	20.00	ng	0.00
76) Chrysene-d12	14.03	240	636805	20.00	ng	0.00
86) Perylene-d12	15.50	264	677831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1584053	102.64	ng	0.01
7) Phenol-d6	6.48	99	1882091	87.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1455859	100.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	678610	135.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2525986	82.21	ng	0.00
79) Terphenyl-d14	12.97	244	2423061	80.09	ng	0.00
Target Compounds						
32) Benzoic acid	7.86	122	1670	6.914	ng	Qvalue # 82

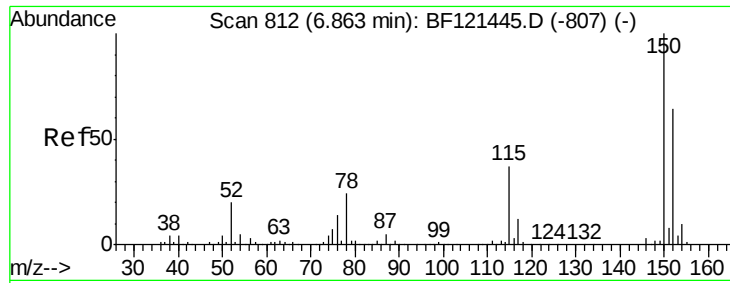
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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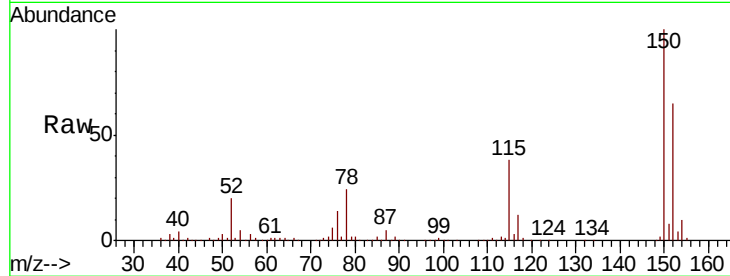


#1

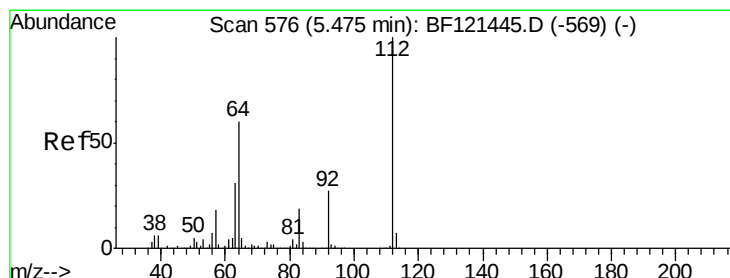
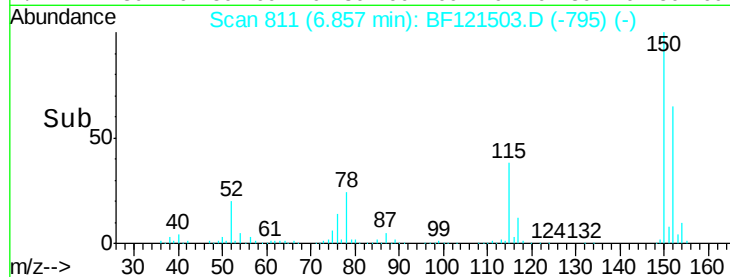
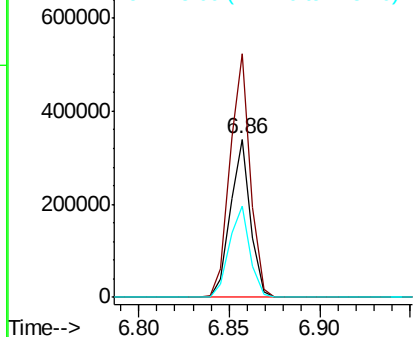
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tot Ion:152 Resp: 258930
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 57.9 46.6 69.8



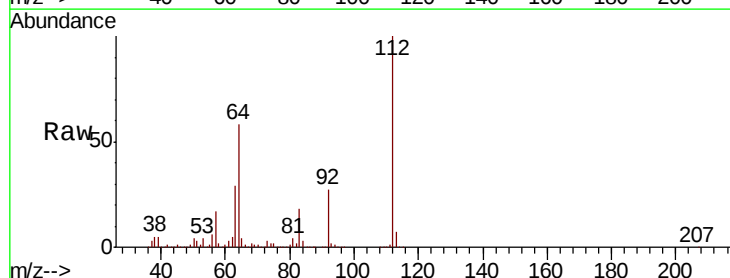
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



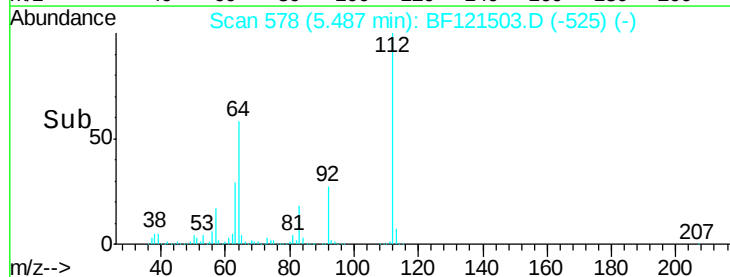
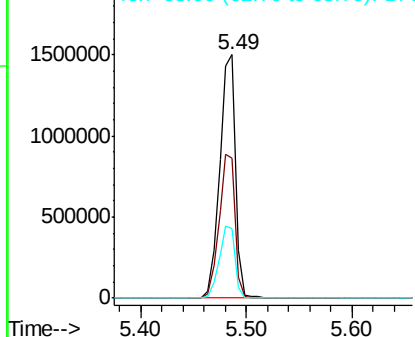
#5

2-Fluorophenol
Concen: 102.639 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:112 Resp: 1584053
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 28.8 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: 87.265 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121503.D

Acq: 1 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

251378

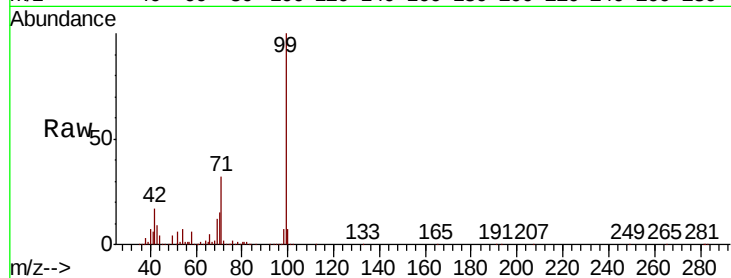
Tot Ion: 99 Resp: 1882091

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

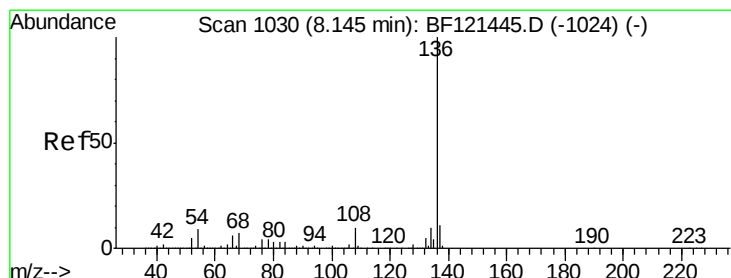
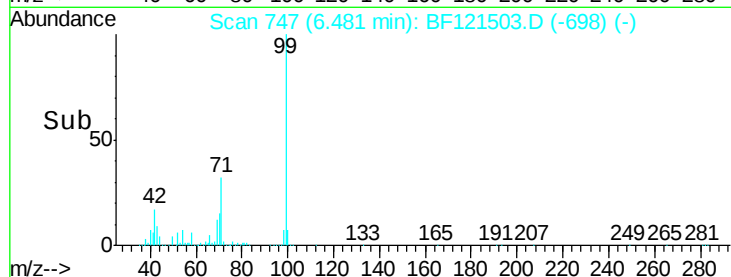
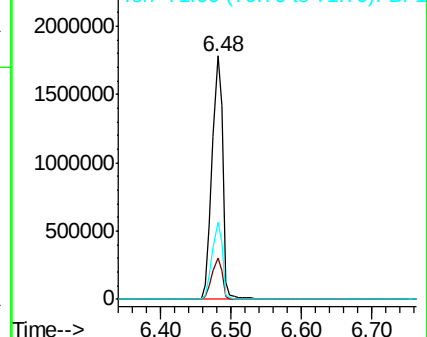
71 31.9 24.6 37.0



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: BF121503.D

Acq: 1 Sep 2020 18:37

Tgt Ion: 136 Resp: 993685

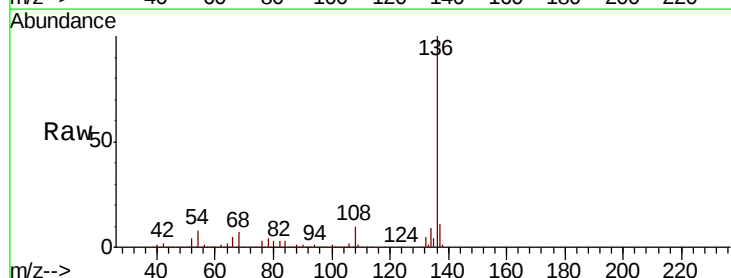
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.1 7.0 10.4

68 6.5 5.5 8.3

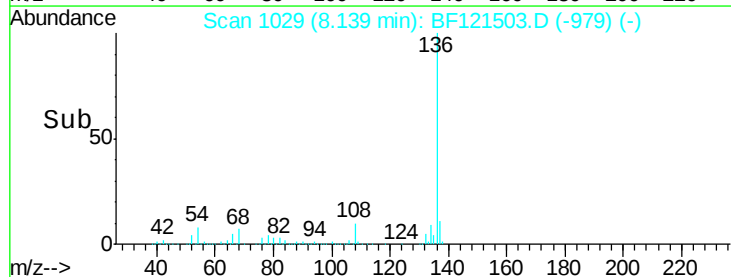
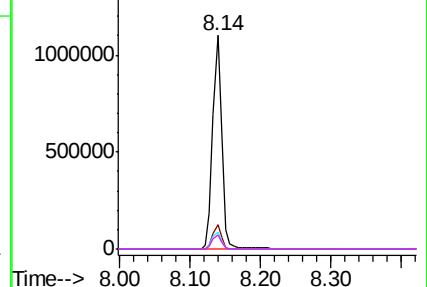


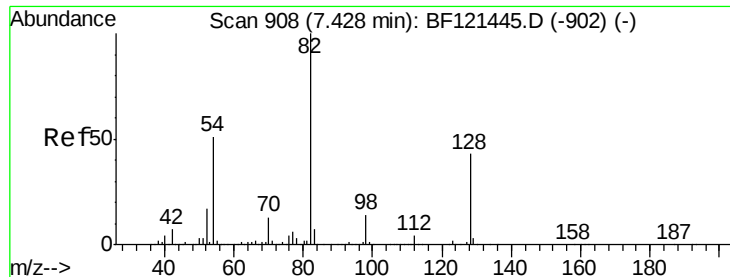
Abundance Ion 136.00 (135.70 to 136.70): E

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

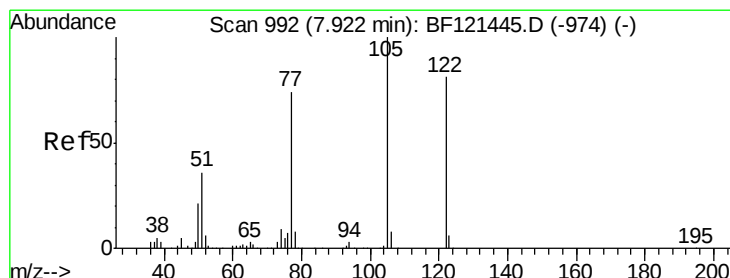
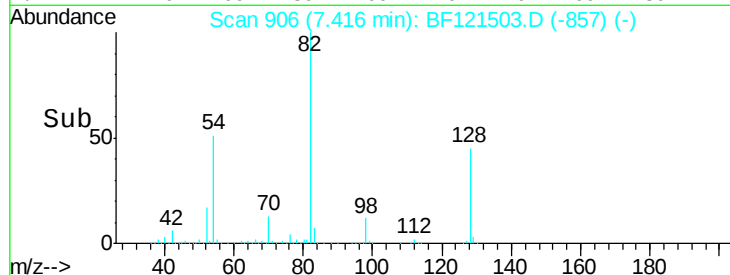
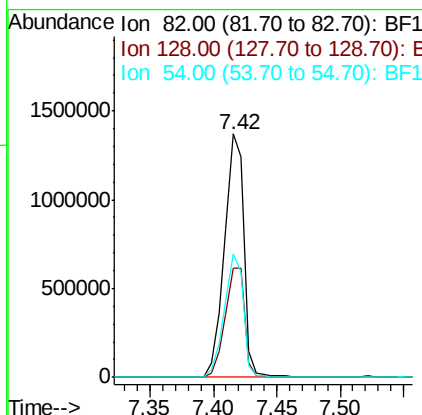
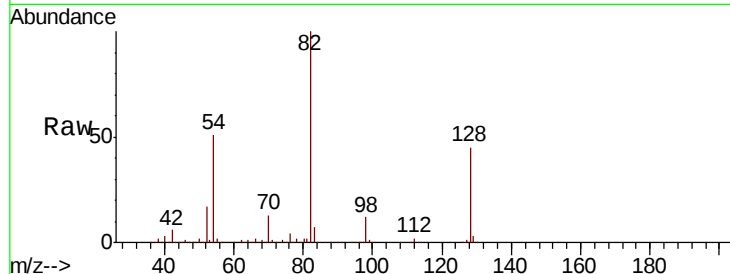




#23
Nitrobenzene-d5
Concen: 100.163 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

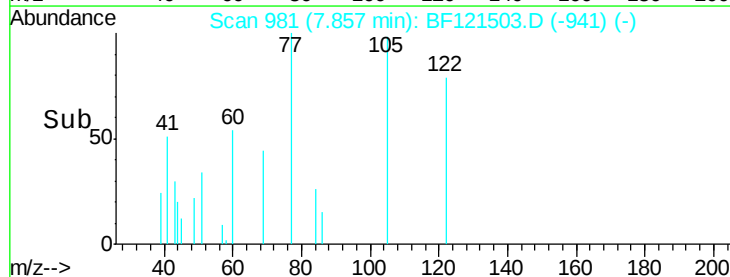
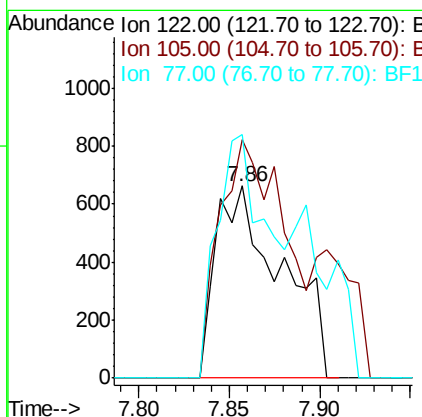
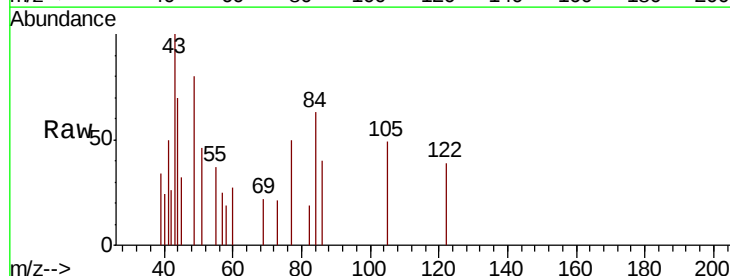
Instrument :
BNA_F
ClientSampleId :
251378

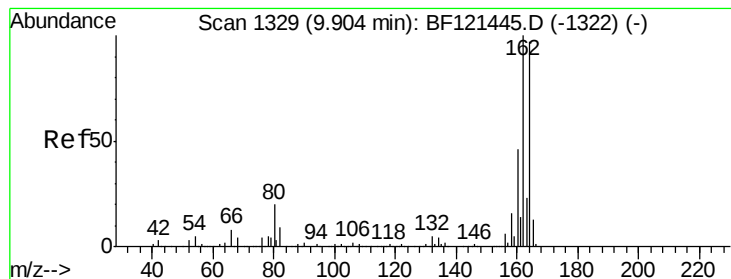
Tot Ion: 82 Resp: 1455859
Ion Ratio Lower Upper
82 100
128 44.6 34.1 51.1
54 50.7 41.0 61.6



#32
Benzoic acid
Concen: 6.914 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:122 Resp: 1670
Ion Ratio Lower Upper
122 100
105 124.3 100.8 140.8
77 126.9 71.5 111.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121503.D

Acq: 1 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

251378

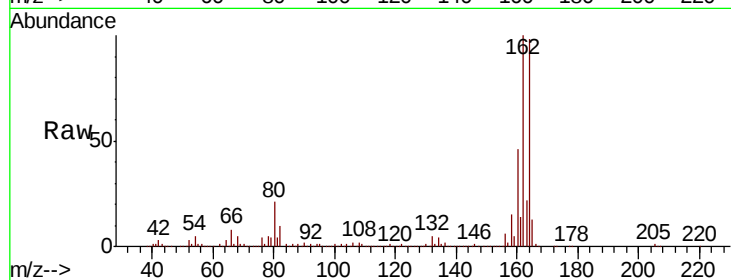
Tot Ion:164 Resp: 495760

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

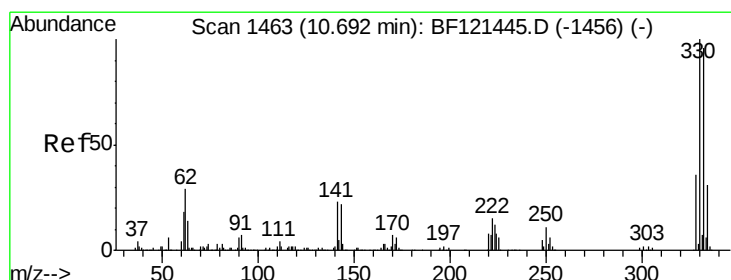
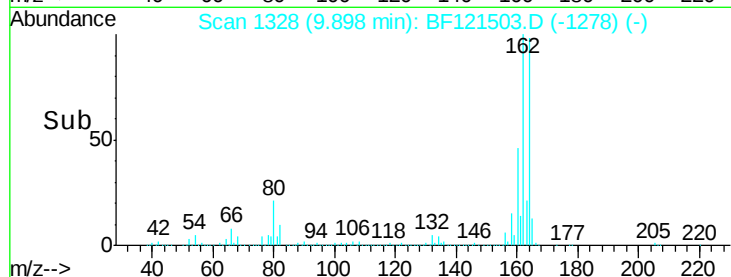
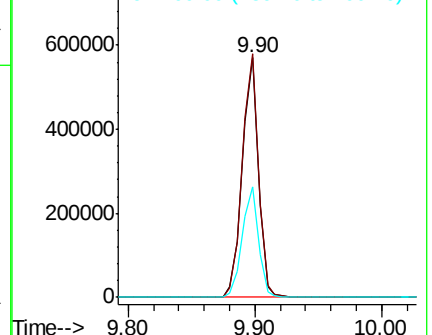
160 46.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 135.521 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121503.D

Acq: 1 Sep 2020 18:37

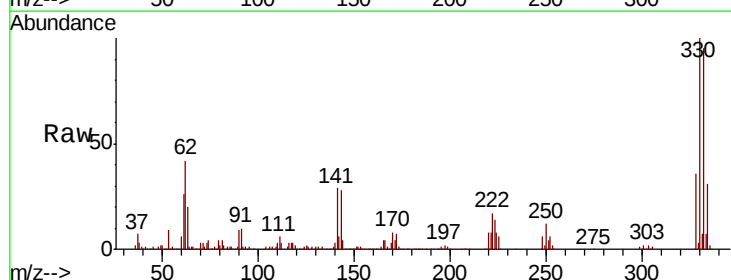
Tgt Ion:330 Resp: 678610

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.2

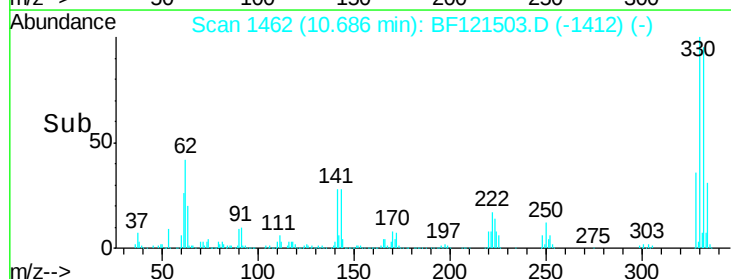
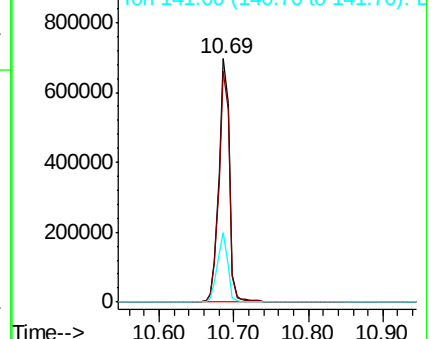
141 28.3 24.6 36.8

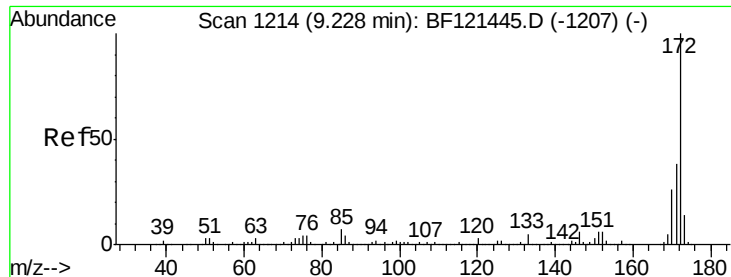


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



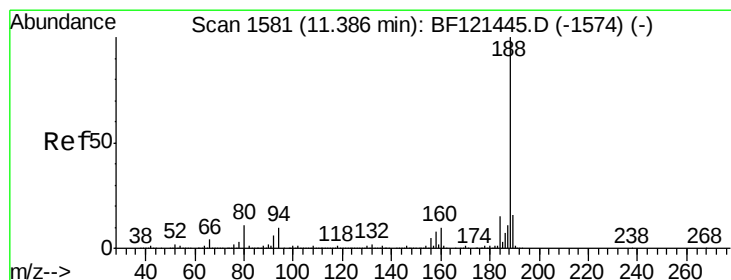
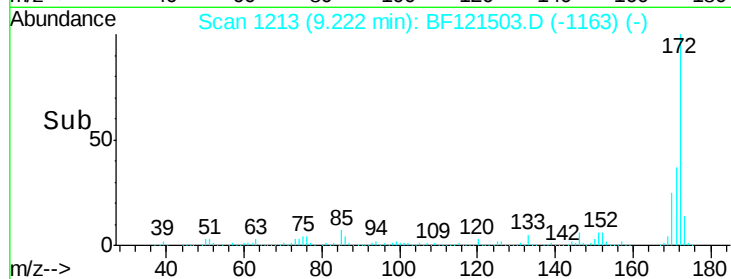
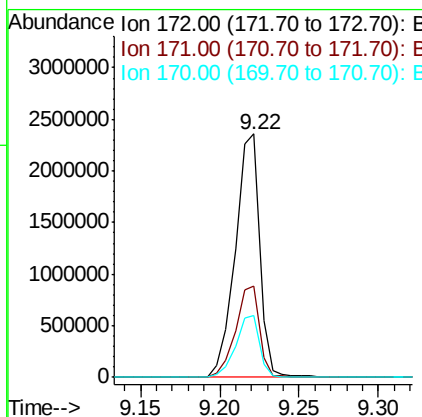
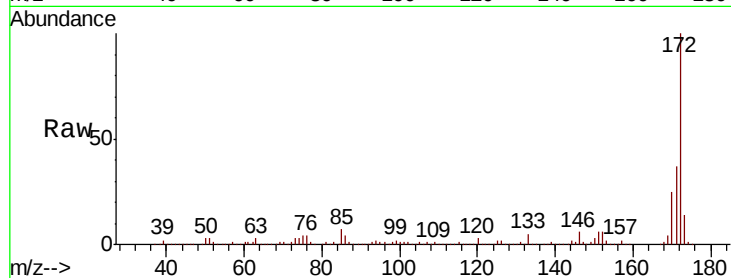


#45
 2-Fluorobiphenyl
 Concen: 82.212 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121503.D
 Acq: 1 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 251378

Tot Ion:172 Resp: 2525986

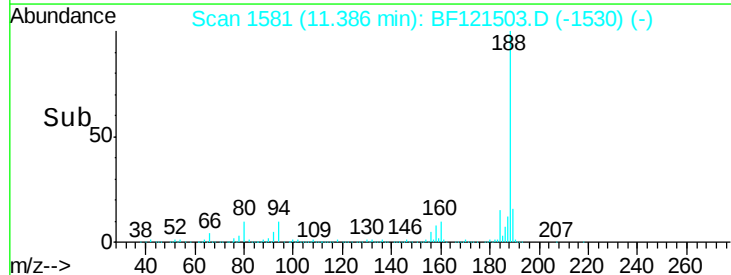
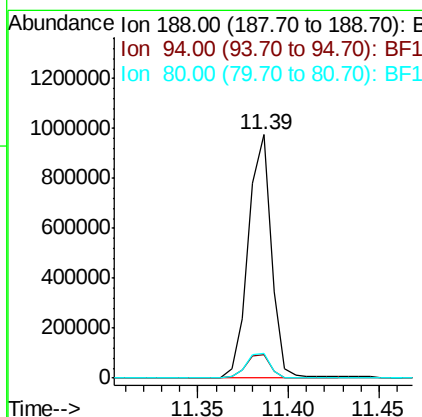
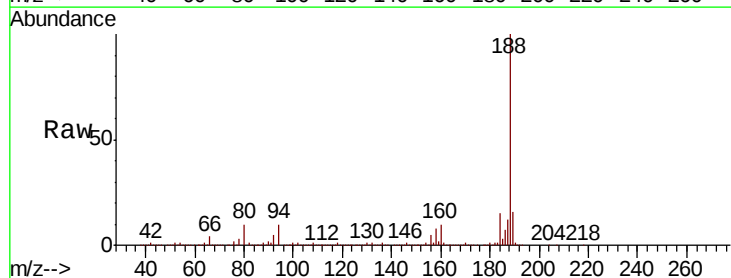
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	45.8
170	25.3	20.6	31.0

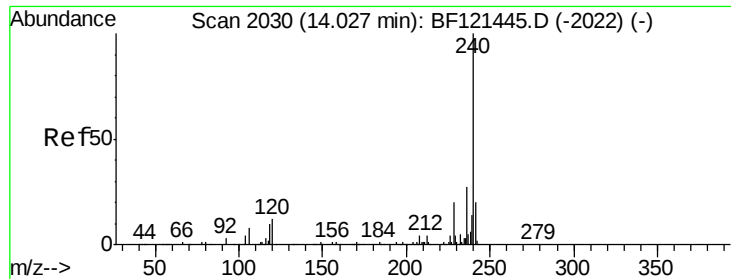


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF121503.D
 Acq: 1 Sep 2020 18:37

Tgt Ion:188 Resp: 866970

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.1	8.6	13.0

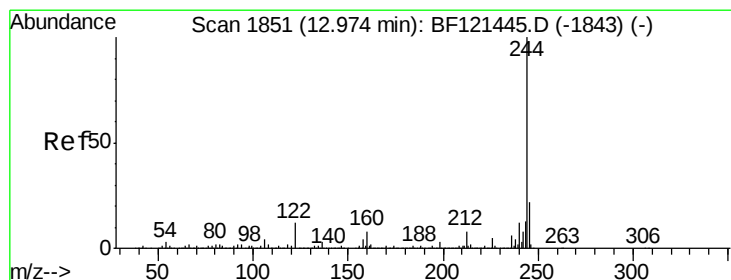
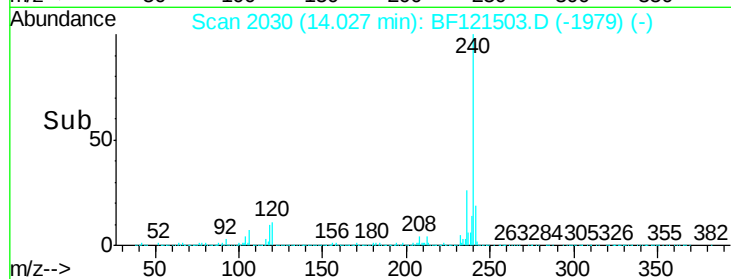
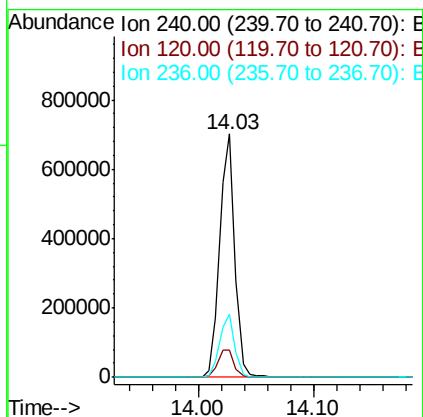
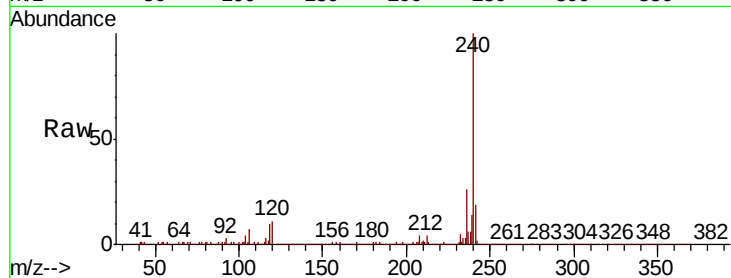




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

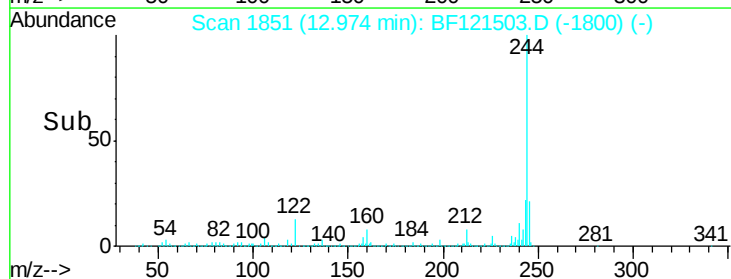
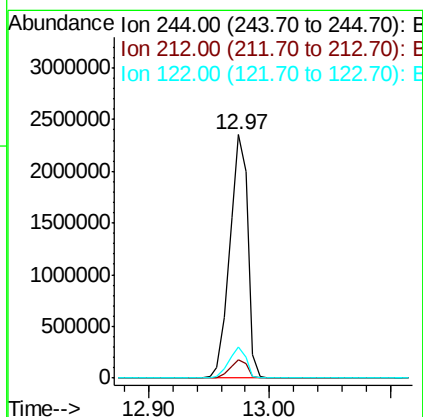
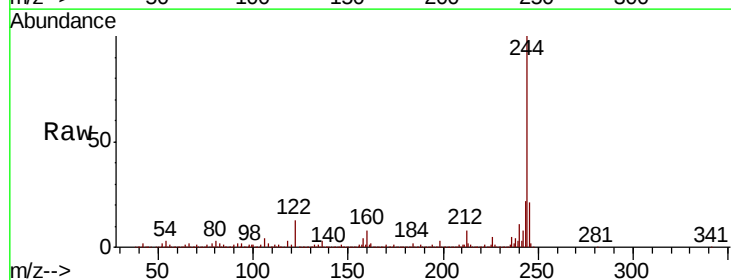
Instrument :
BNA_F
ClientSampleId :
251378

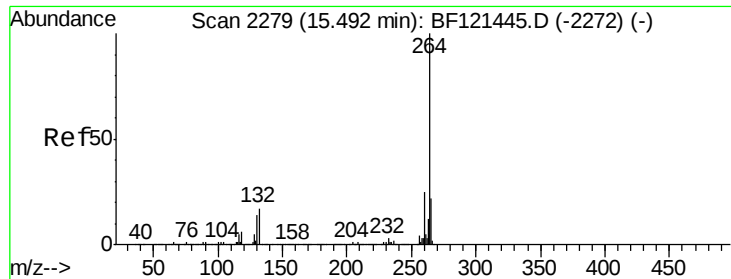
Tot Ion:240 Resp: 636805
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.7 21.8 32.6



#79
Terphenyl-d14
Concen: 80.094 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:244 Resp: 2423061
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.6 9.5 14.3

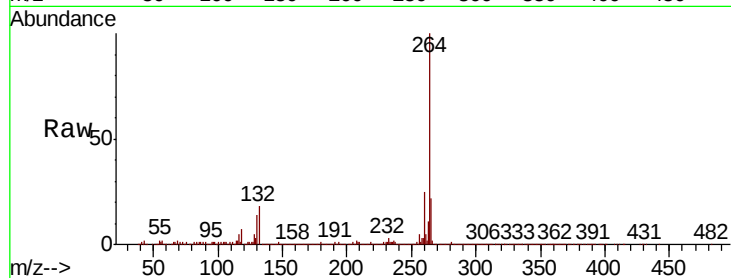




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tot Ion:264 Resp: 677831
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.0 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

