

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118667.D
 Acq On : 22 Jan 2020 17:03
 Operator : CG/JU
 Sample : L1214-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-3

Quant Time: Jan 22 18:20:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

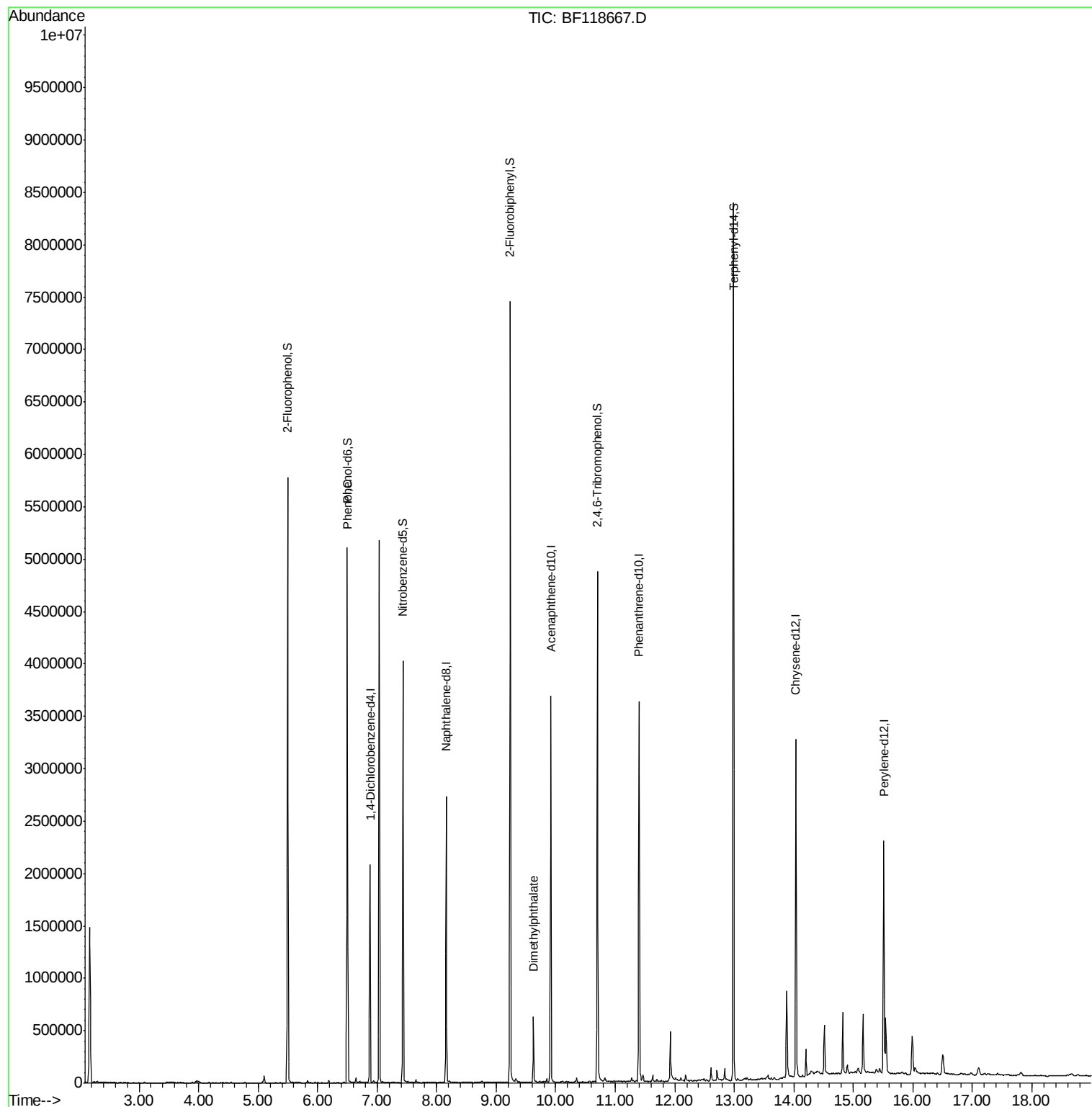
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	334737	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1288284	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	715143	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1360980	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1077491	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1054168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1633109	90.61	ng	0.00
7) Phenol-d6	6.50	99	2092340	89.32	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1305496	56.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	731101	88.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2478845	56.97	ng	-0.01
79) Terphenyl-d14	12.99	244	3114488	63.04	ng	0.00
Target Compounds						
10) Phenol	6.51	94	146328	5.481	ng	97
50) Dimethylphthalate	9.62	163	277056	5.946	ng	98

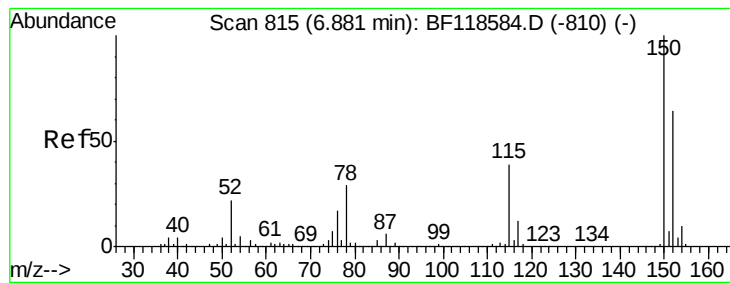
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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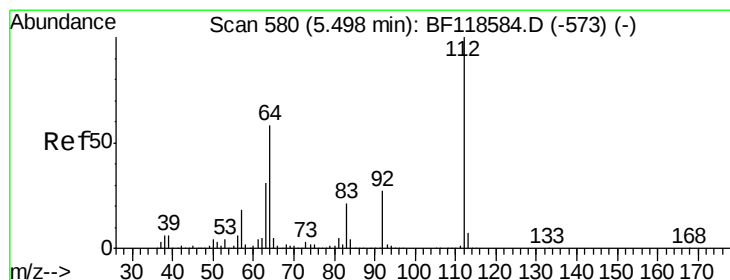
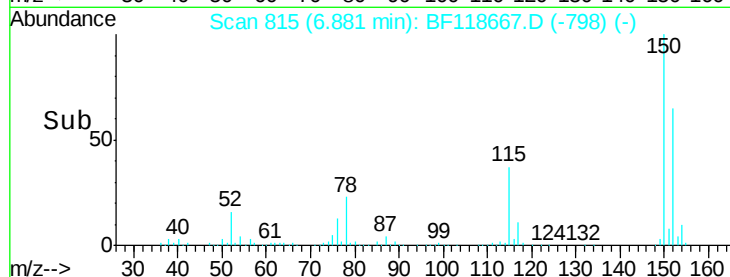
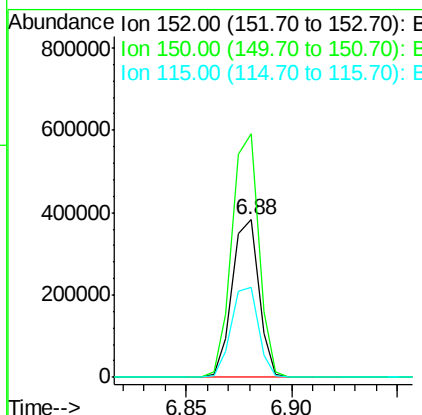
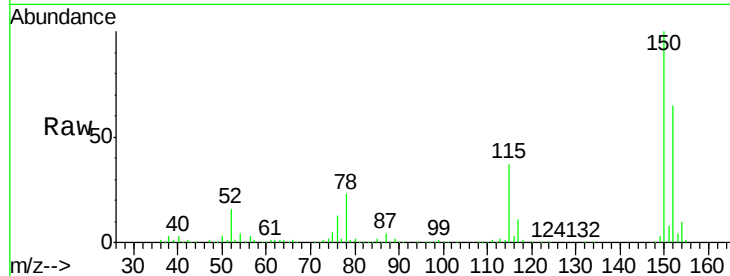


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
K500-3

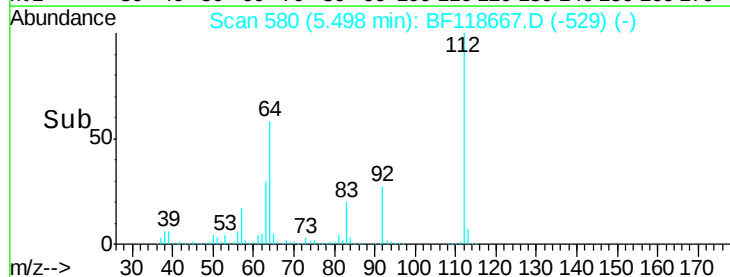
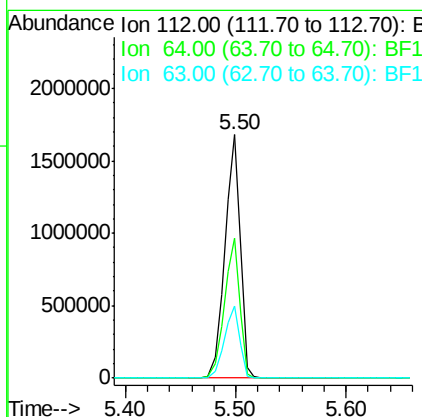
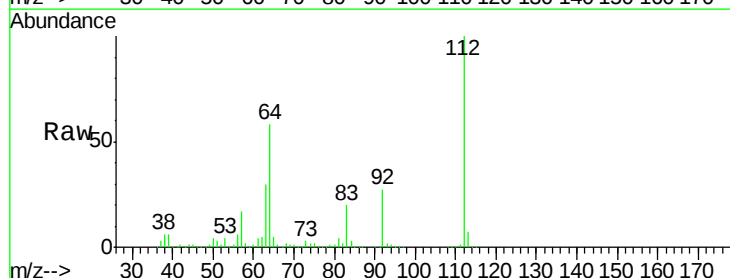
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.6	188.4
115	56.8	48.4	72.6

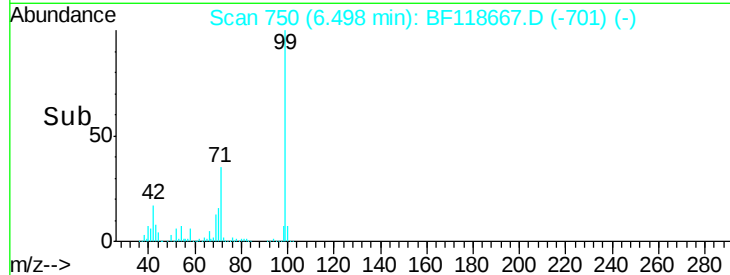
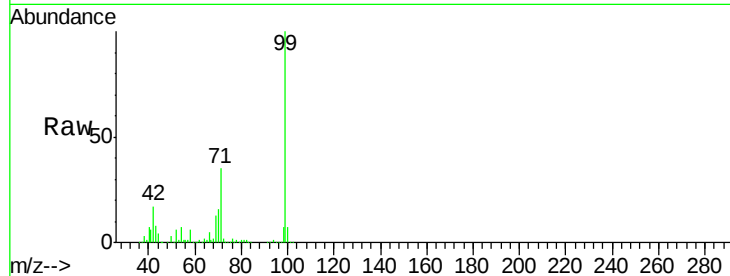


#5

2-Fluorophenol
Concen: 90.611 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	70.0
63	29.8	25.1	37.7





#7

Phenol-d6

Concen: 89.319 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

K500-3

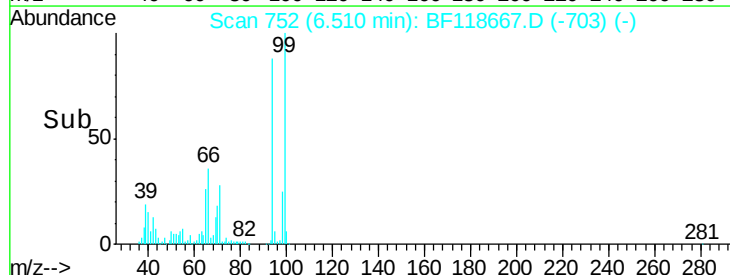
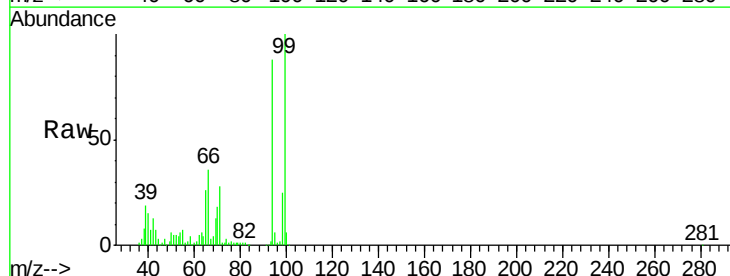
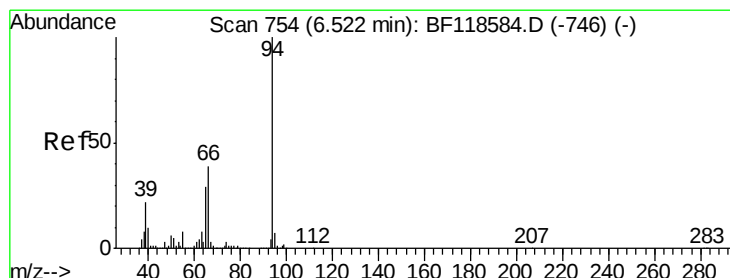
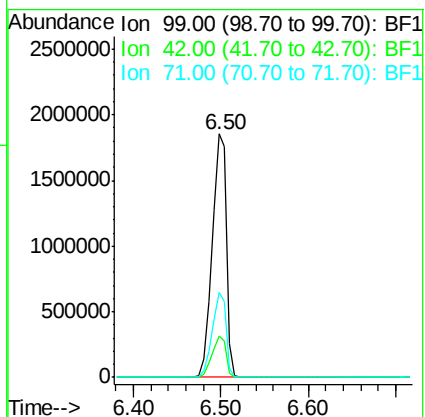
Tot Ion: 99 Resp: 2092340

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

71 35.1 27.8 41.6



#10

Phenol

Concen: 5.481 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

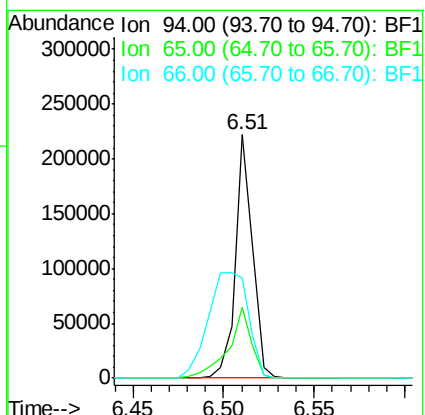
Tgt Ion: 94 Resp: 146328

Ion Ratio Lower Upper

94 100

65 29.1 9.5 49.5

66 41.0 18.5 58.5

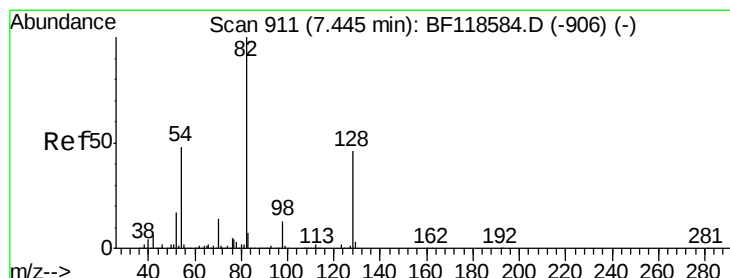
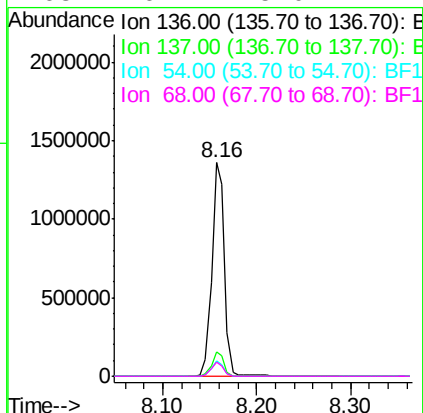
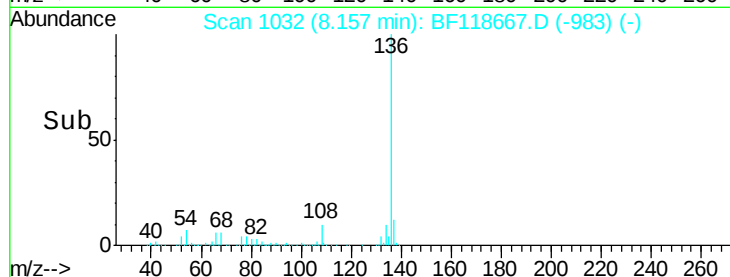
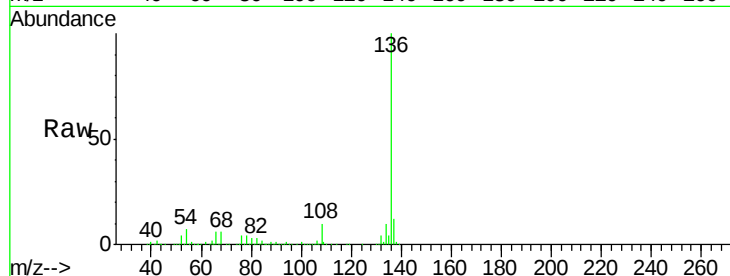




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

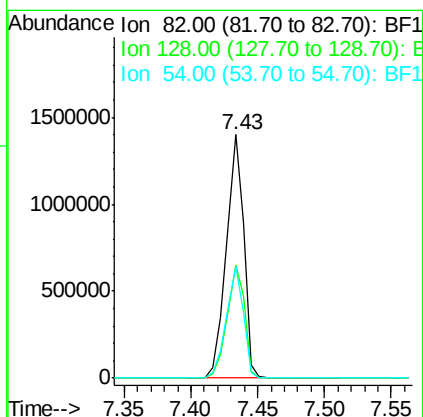
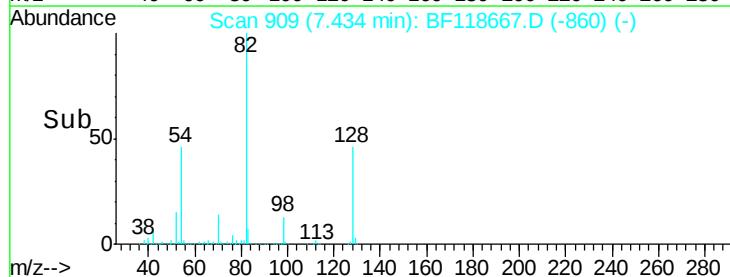
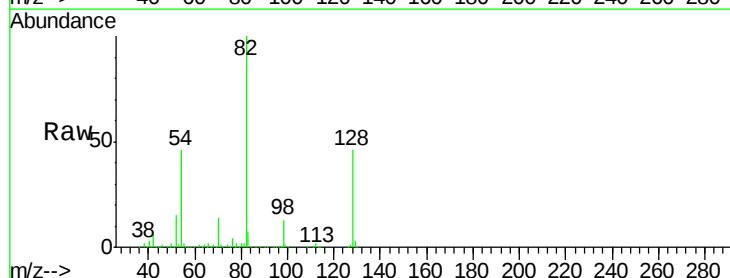
Instrument :
BNA_F
ClientSampleId :
K500-3

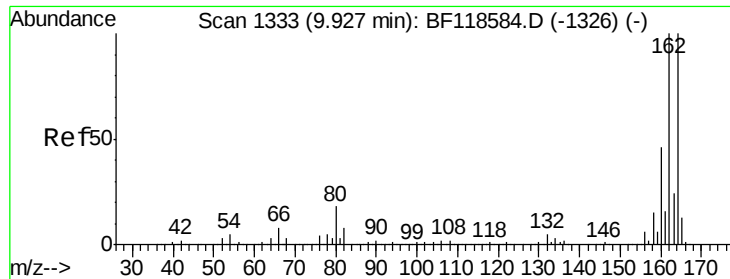
Tot Ion:136	Resp: 1288284
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 7.2	5.8 8.6
68 6.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 56.681 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion: 82	Resp: 1305496
Ion Ratio	Lower Upper
82 100	
128 46.2	36.6 54.8
54 45.8	38.0 57.0

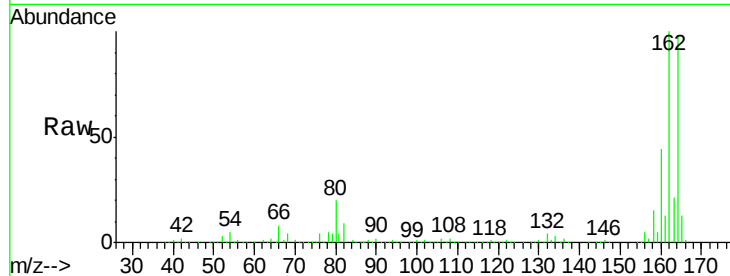




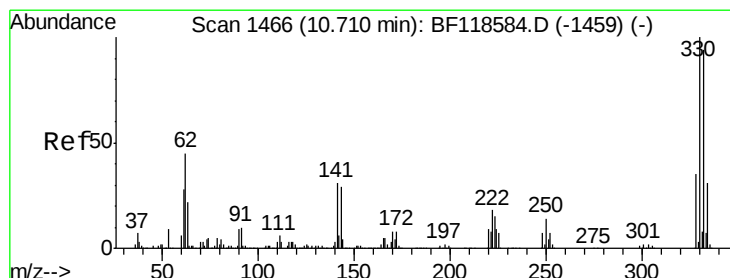
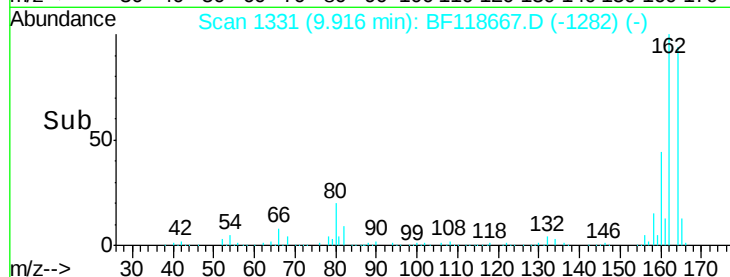
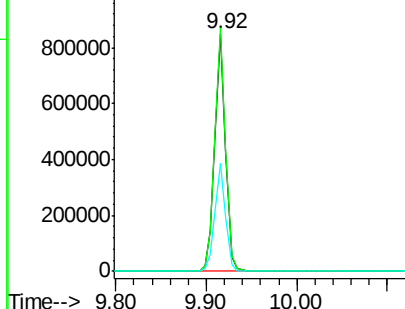
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
K500-3

Tot Ion:164 Resp: 715143
Ion Ratio Lower Upper
164 100
162 102.5 80.4 120.6
160 45.5 36.6 55.0

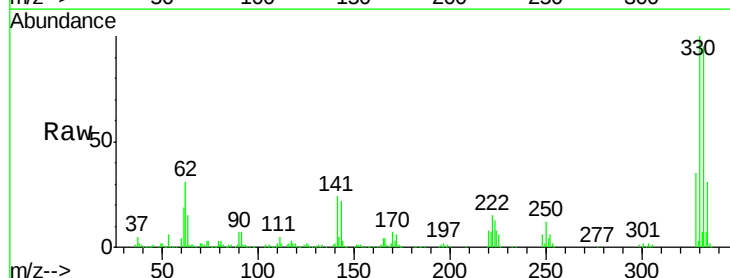


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

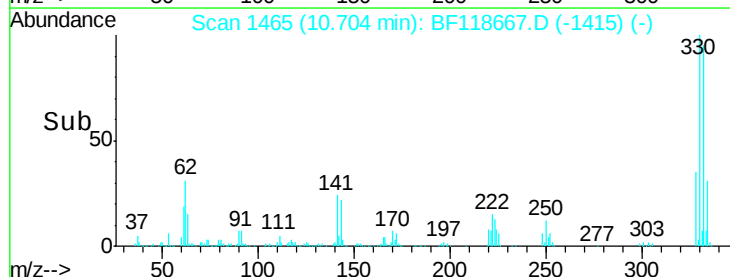
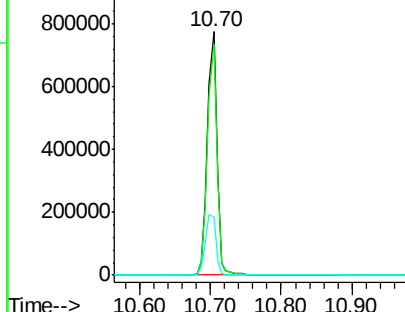


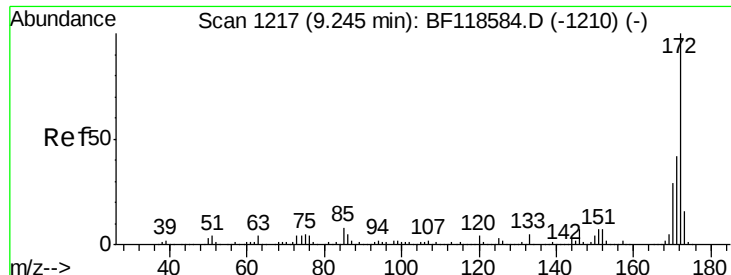
#42
2,4,6-Tribromophenol
Concen: 88.387 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion:330 Resp: 731101
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 27.5 23.9 35.9



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

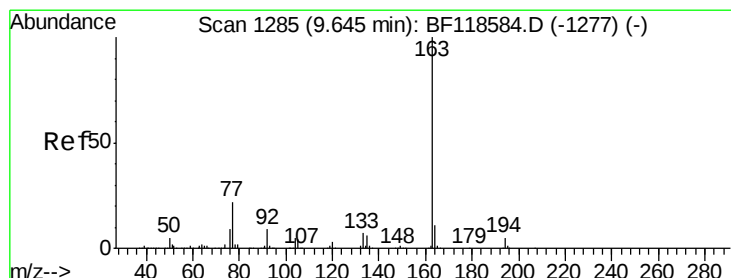
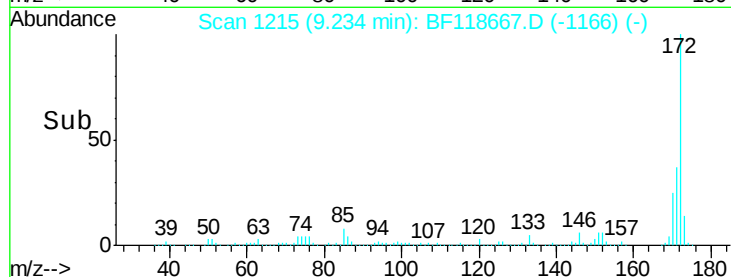
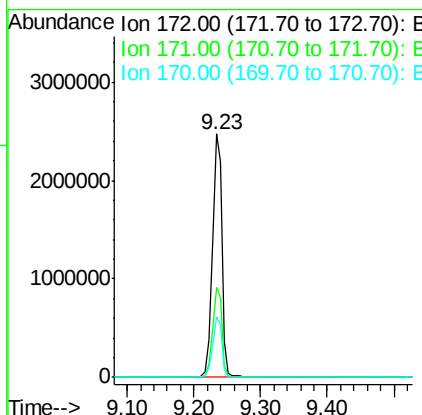
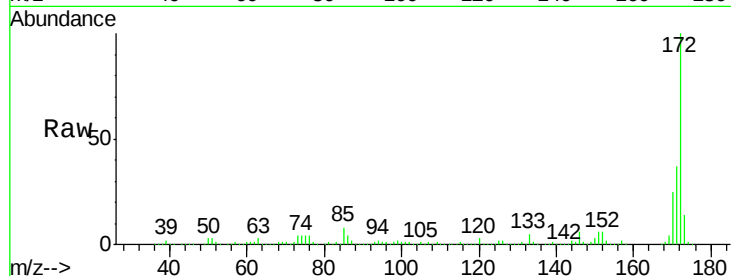




#45
2-Fluorobiphenyl
Concen: 56.971 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

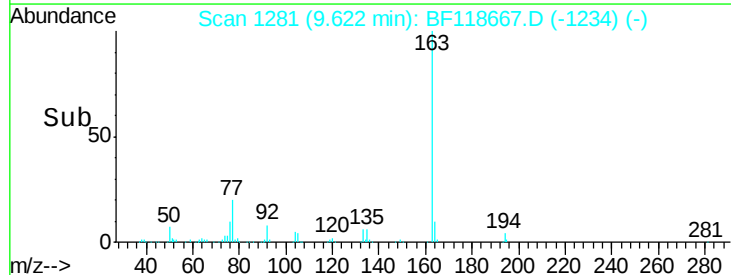
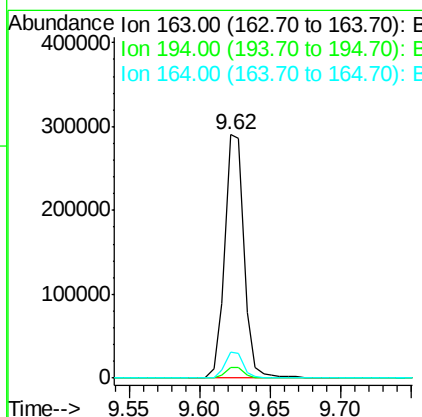
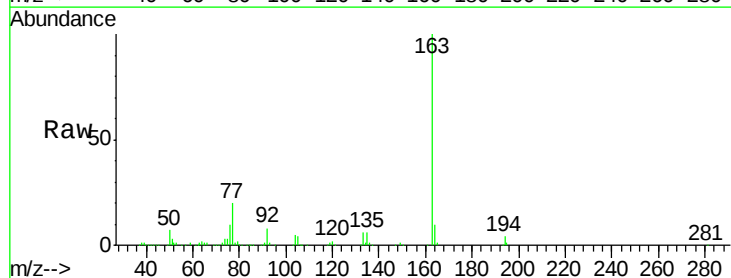
Instrument :
BNA_F
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K500-3

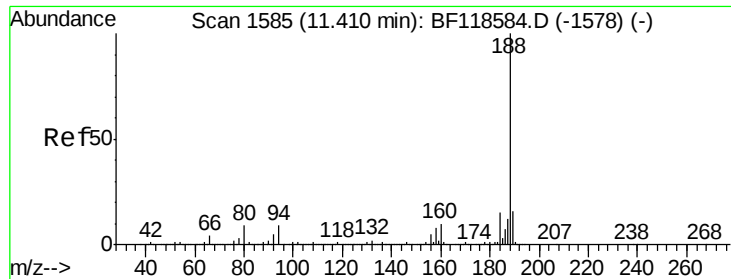
Tot Ion:172 Resp: 2478845
Ion Ratio Lower Upper
172 100
171 37.0 33.4 50.2
170 24.7 23.2 34.8



#50
Dimethylphthalate
Concen: 5.946 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion:163 Resp: 277056
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 10.5 9.1 13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

K500-3

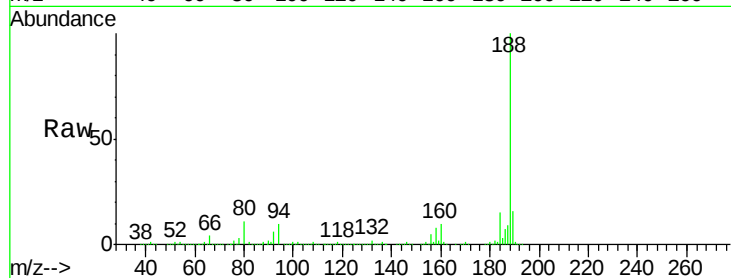
Tot Ion:188 Resp: 1360980

Ion Ratio Lower Upper

188 100

94 10.0 7.1 10.7

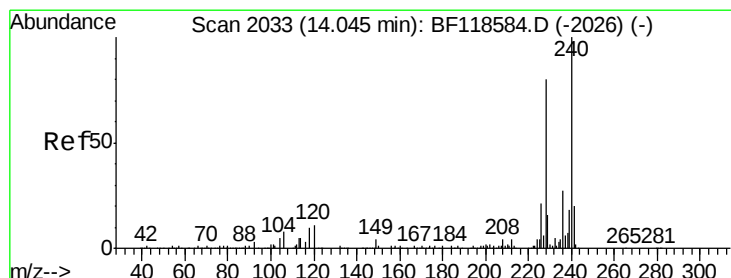
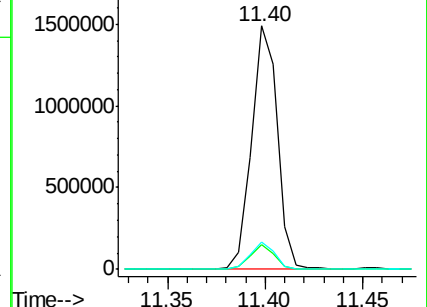
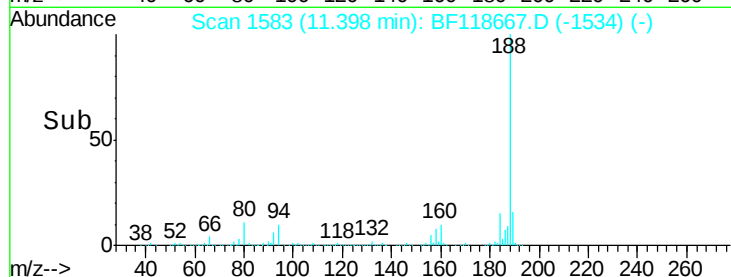
80 11.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

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# 2031

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

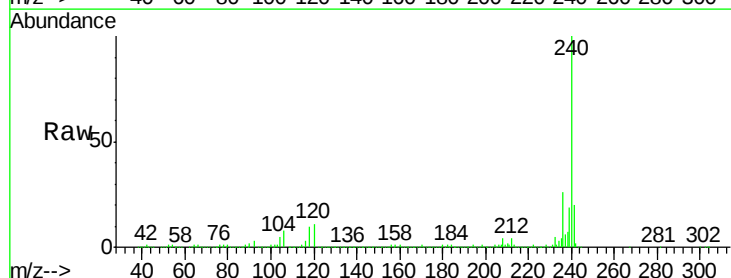
Tgt Ion:240 Resp: 1077491

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

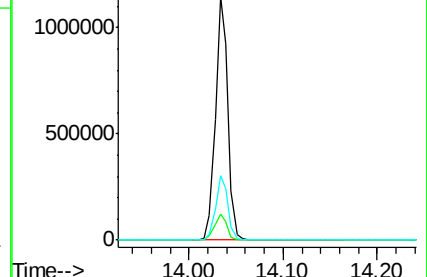
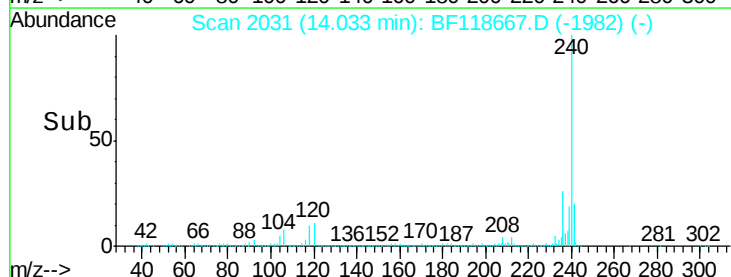
236 26.3 21.5 32.3

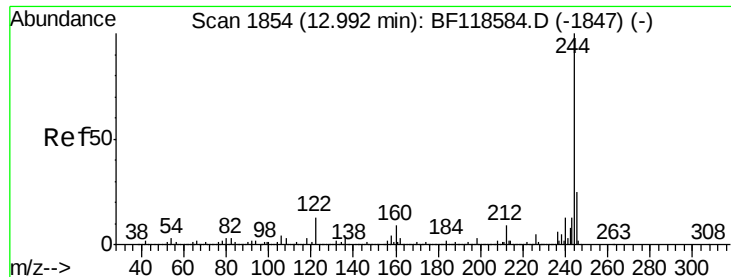


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.045 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

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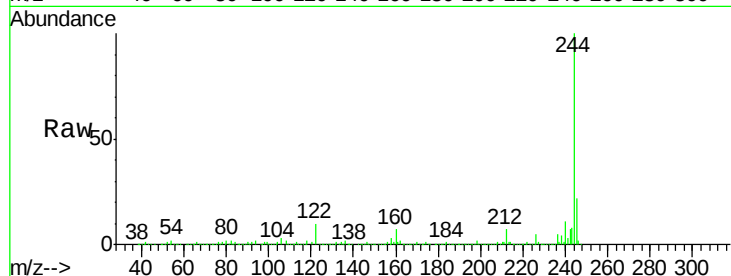
Tot Ion:244 Resp: 3114488

Ion Ratio Lower Upper

244 100

212 7.2 7.0 10.4

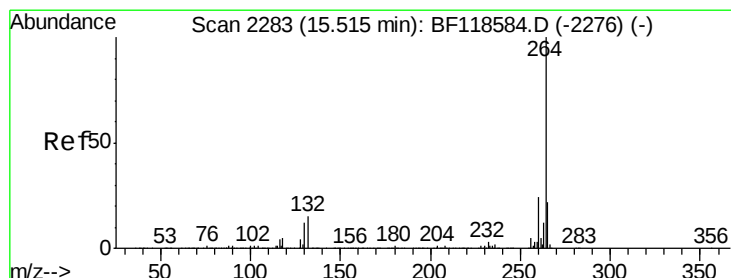
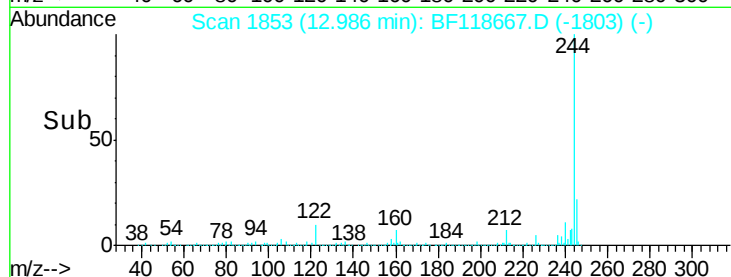
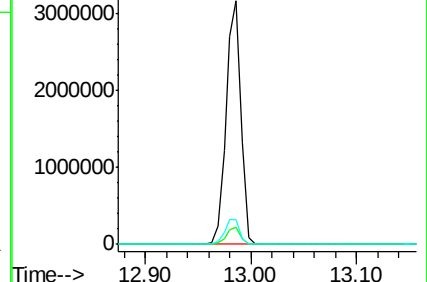
122 10.3 10.7 16.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

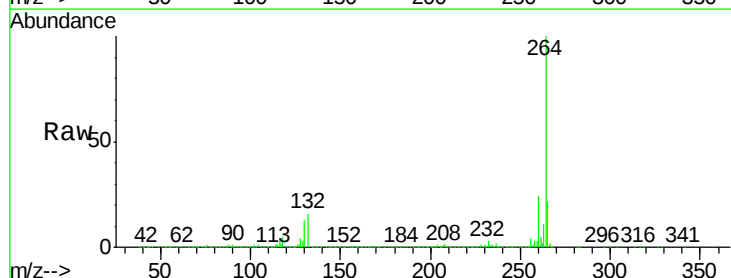
Tgt Ion:264 Resp: 1054168

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.9 17.7 26.5



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

