

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118645.D
 Acq On : 21 Jan 2020 21:12
 Operator : CG/JU
 Sample : L1181-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93OAK-AVE-COMP

Quant Time: Jan 22 04:45:39 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

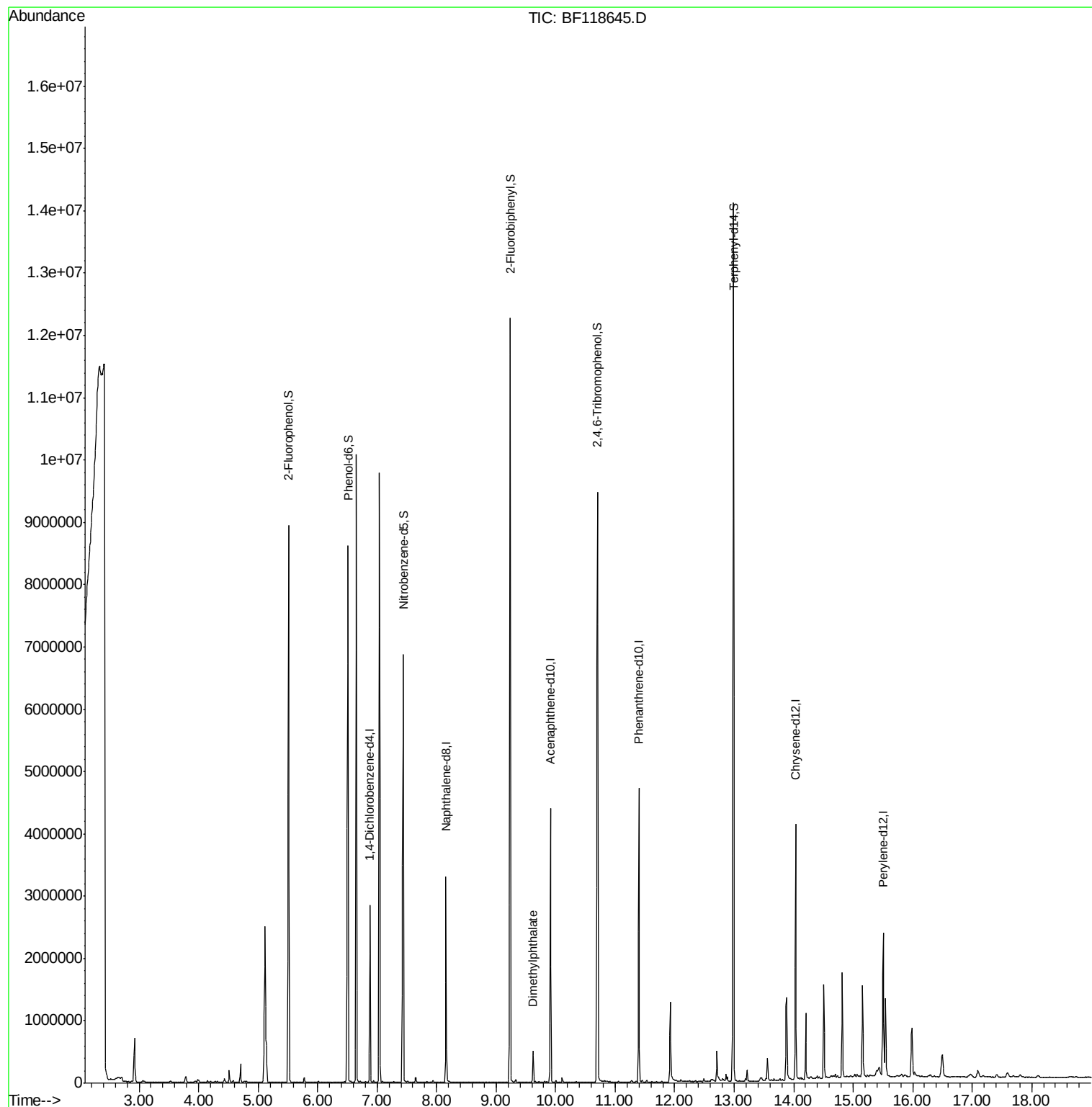
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	402300	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1473152	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	850975	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1644892	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1316776	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1098957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2737837	126.39	ng	0.02
7) Phenol-d6	6.51	99	3278320	116.44	ng	0.00
23) Nitrobenzene-d5	7.44	82	2453473	93.16	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1506263	153.03	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4334227	83.71	ng	0.00
79) Terphenyl-d14	12.99	244	5786172	95.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	200024	3.608	ng	Qvalue 97

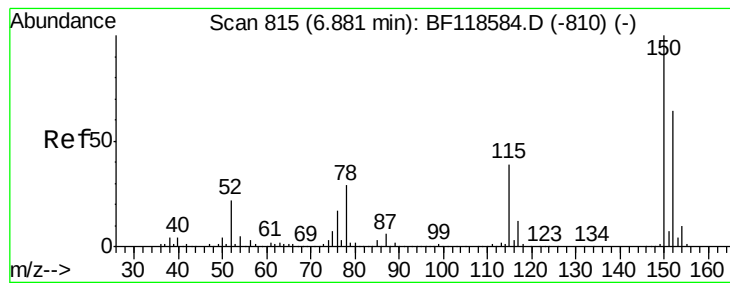
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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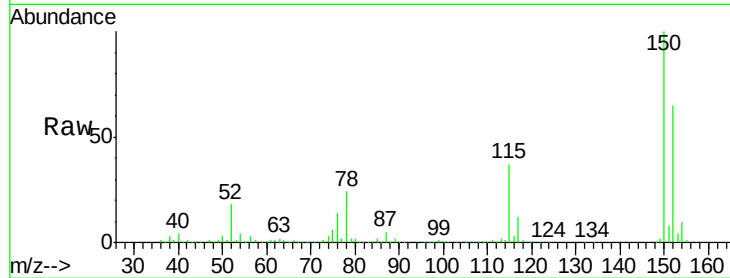


#1

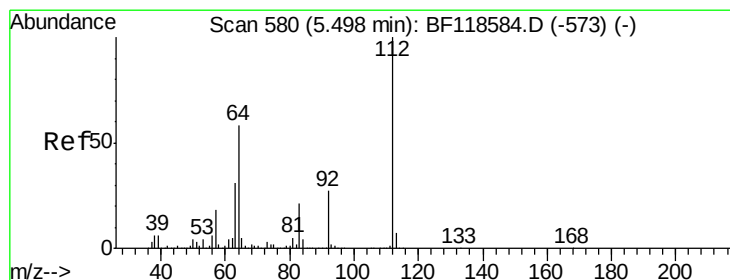
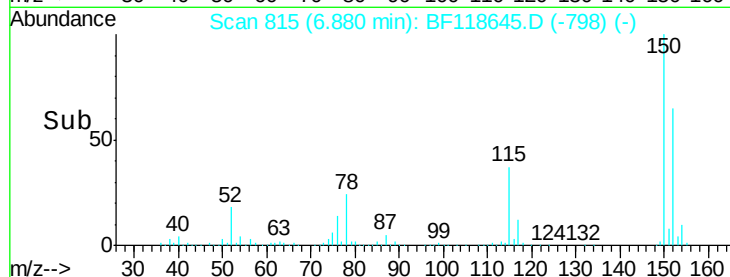
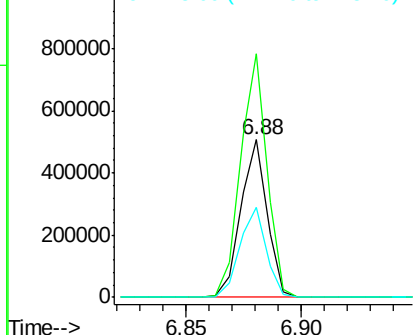
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118645.D
Acq: 21 Jan 2020 21:12

Instrument :
BNA_F
ClientSampleId :
93OAK-AVE-COMP

Tot Ion:152 Resp: 402300
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 57.2 48.4 72.6



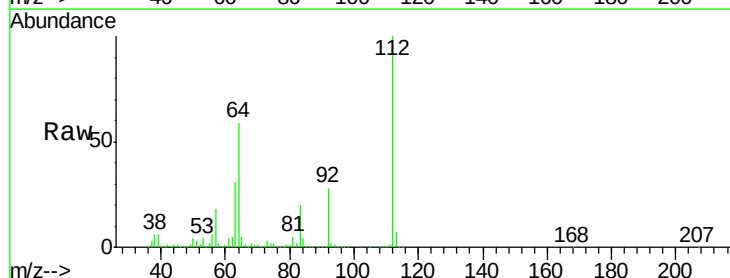
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



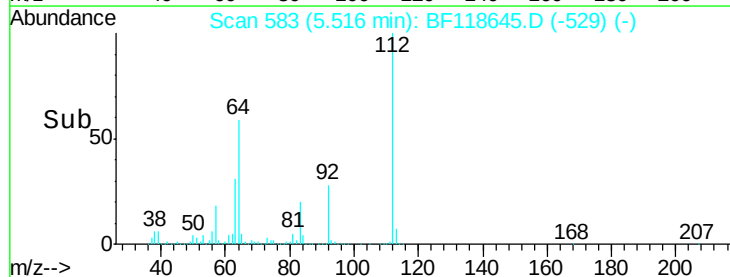
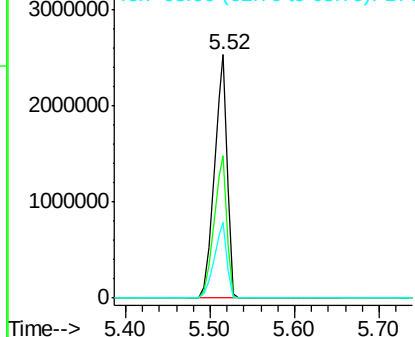
#5

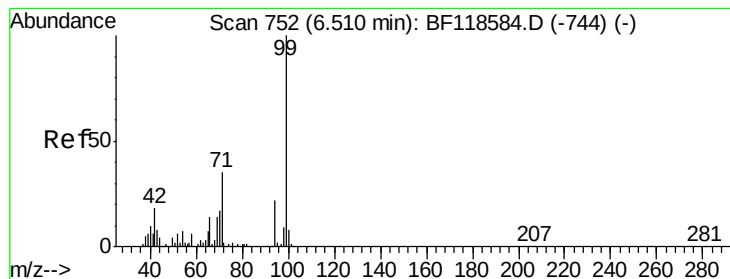
2-Fluorophenol
Concen: 126.395 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118645.D
Acq: 21 Jan 2020 21:12

Tgt Ion:112 Resp: 2737837
Ion Ratio Lower Upper
112 100
64 58.6 46.6 70.0
63 31.0 25.1 37.7



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: 116.443 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118645.D

Acq: 21 Jan 2020 21:12

Instrument :

BNA_F

ClientSampleId :

93OAK-AVE-COMP

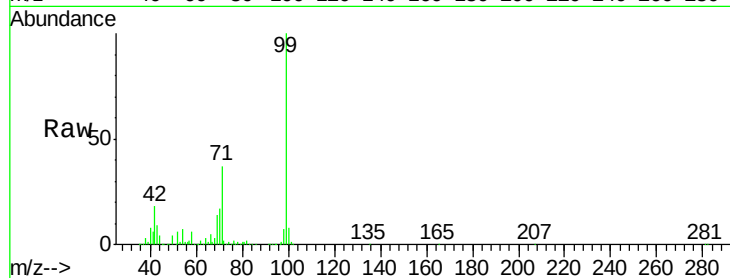
Tot Ion: 99 Resp: 3278320

Ion Ratio Lower Upper

99 100

42 18.2 14.2 21.2

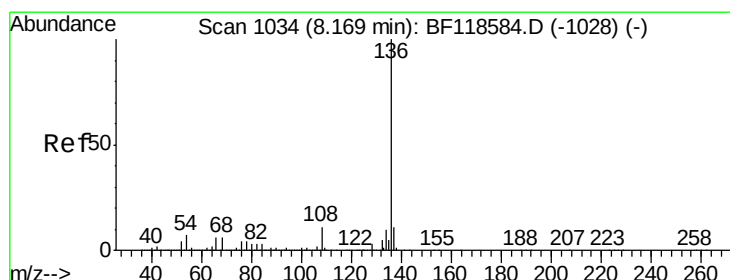
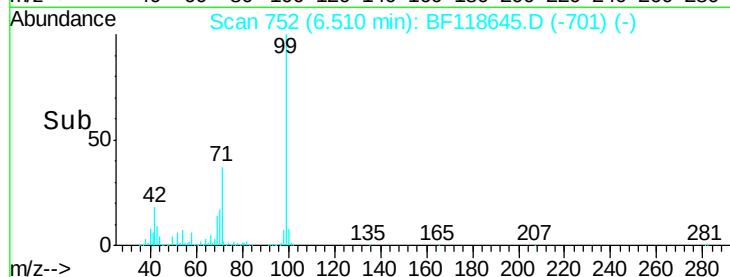
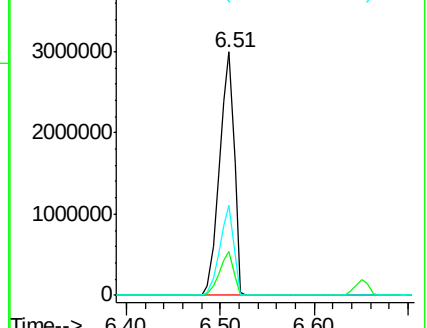
71 37.1 27.8 41.6



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118645.D

Acq: 21 Jan 2020 21:12

Tgt Ion: 136 Resp: 1473152

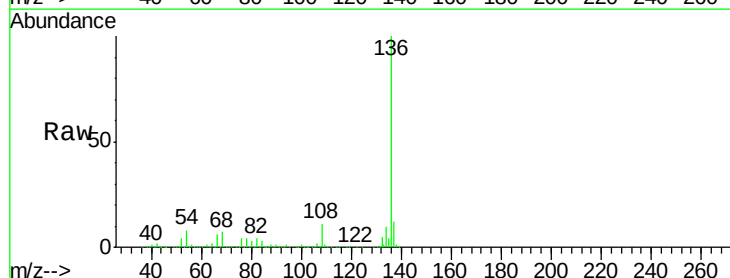
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.9 5.8 8.6

68 6.8 5.0 7.4

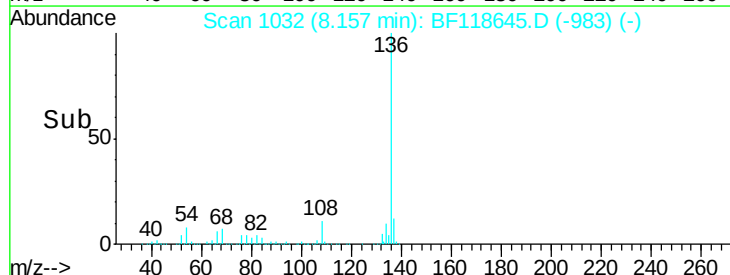
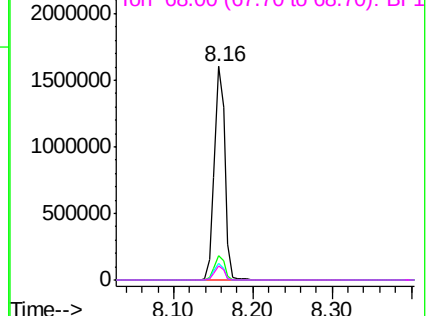


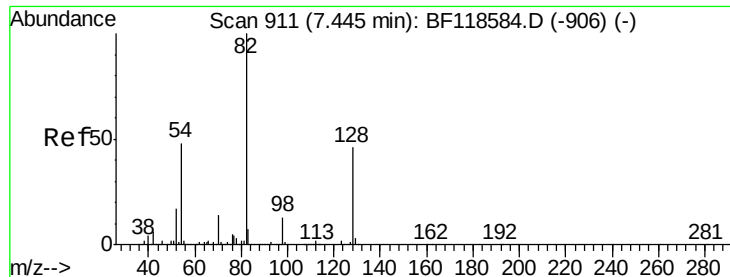
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.156 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118645.D

Acq: 21 Jan 2020 21:12

Instrument :

BNA_F

ClientSampleId :

93OAK-AVE-COMP

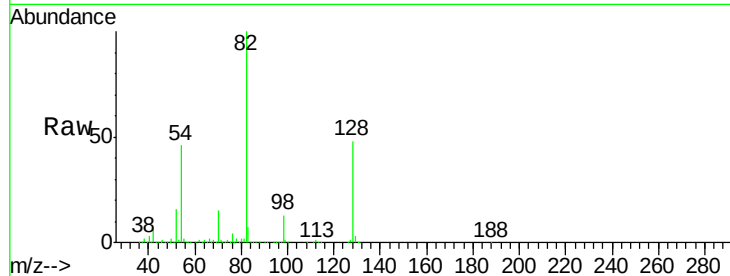
Tot Ion: 82 Resp: 2453473

Ion Ratio Lower Upper

82 100

128 47.7 36.6 54.8

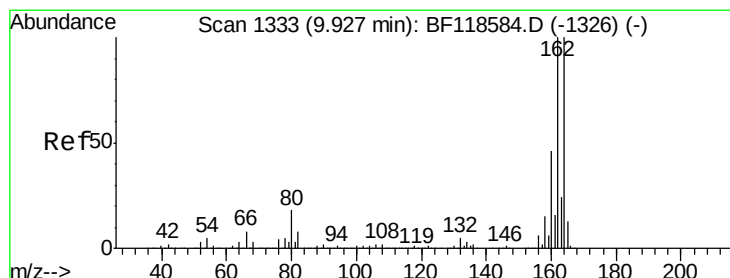
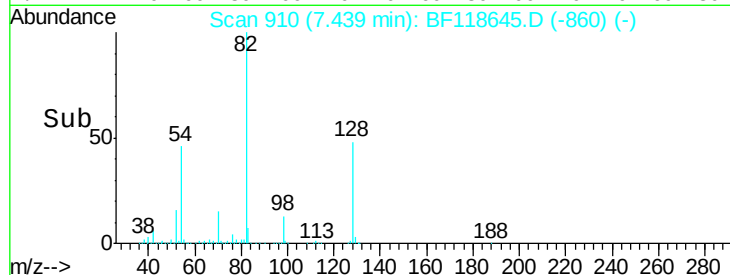
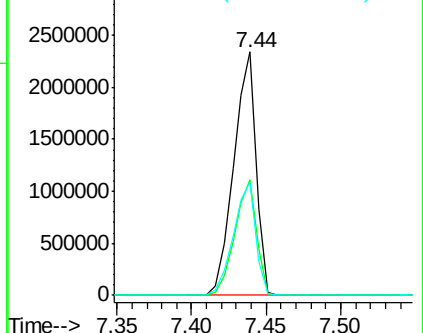
54 46.3 38.0 57.0



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118645.D

Acq: 21 Jan 2020 21:12

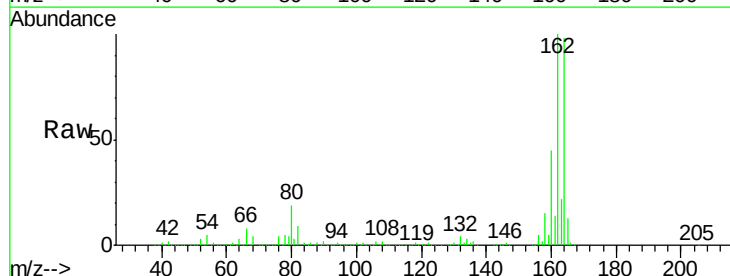
Tgt Ion:164 Resp: 850975

Ion Ratio Lower Upper

164 100

162 101.6 80.4 120.6

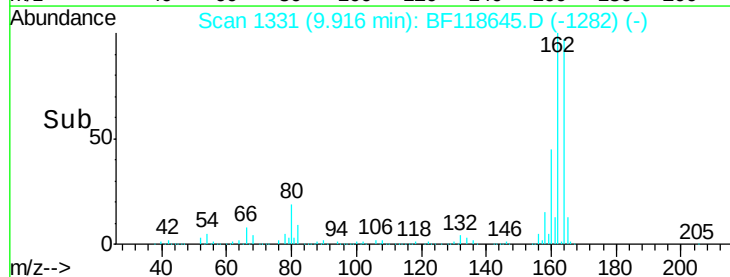
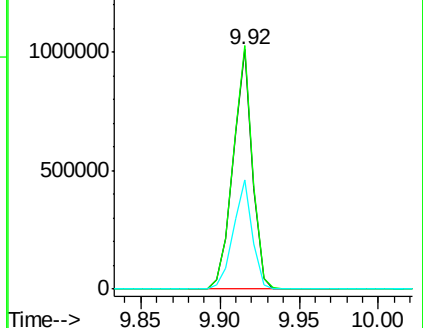
160 45.7 36.6 55.0

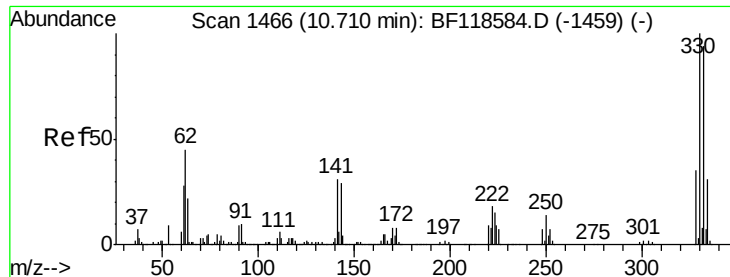


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

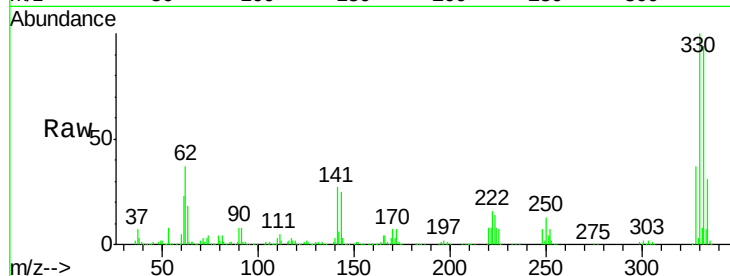




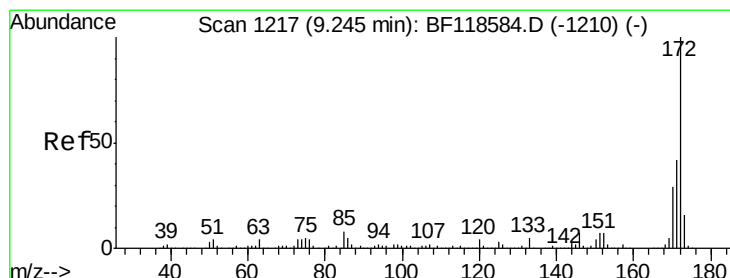
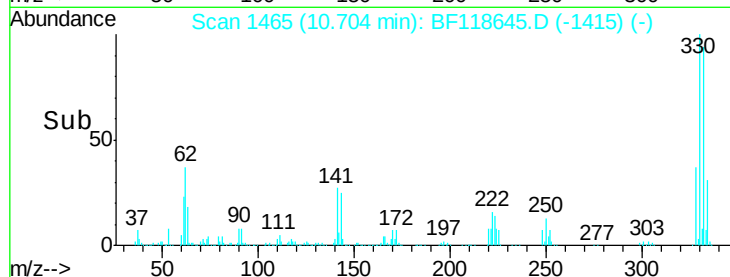
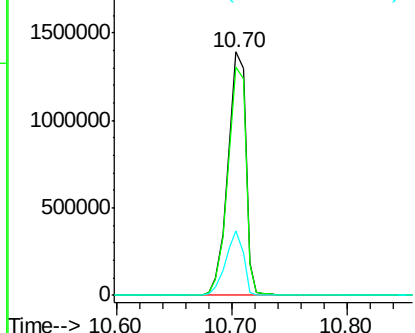
#42
 2,4,6-Tribromophenol
 Concen: 153.035 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118645.D
 Acq: 21 Jan 2020 21:12

Instrument :
 BNA_F
 ClientSampleId :
 93OAK-AVE-COMP

Tot Ion:330 Resp: 1506263
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 26.4 23.9 35.9

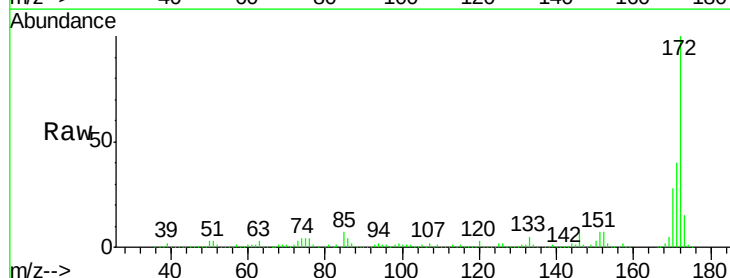


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

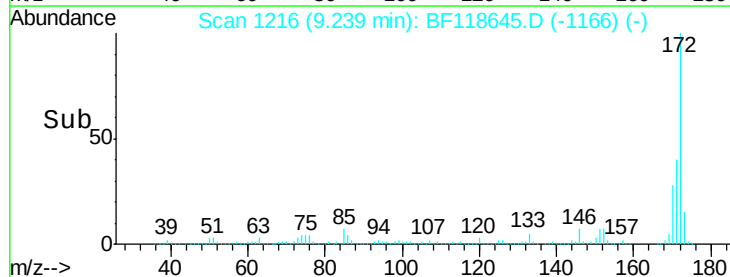
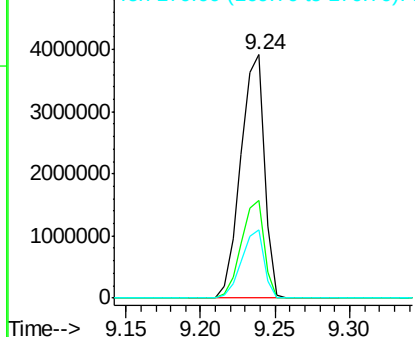


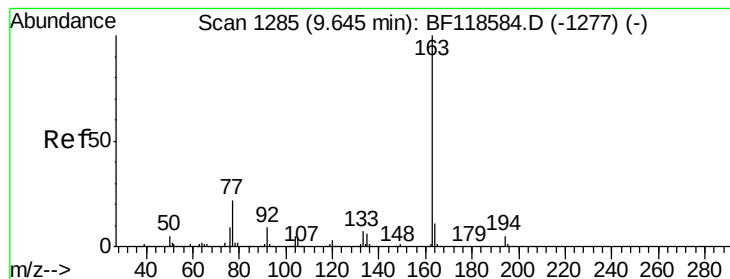
#45
 2-Fluorobiphenyl
 Concen: 83.713 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118645.D
 Acq: 21 Jan 2020 21:12

Tgt Ion:172 Resp: 4334227
 Ion Ratio Lower Upper
 172 100
 171 40.2 33.4 50.2
 170 27.8 23.2 34.8



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





#50

Dimethylphthalate

Concen: 3.608 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118645.D

Acq: 21 Jan 2020 21:12

Instrument :

BNA_F

ClientSampleId :

93OAK-AVE-COMP

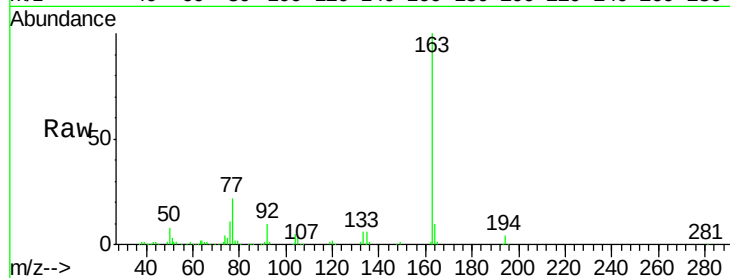
Tot Ion:163 Resp: 200024

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

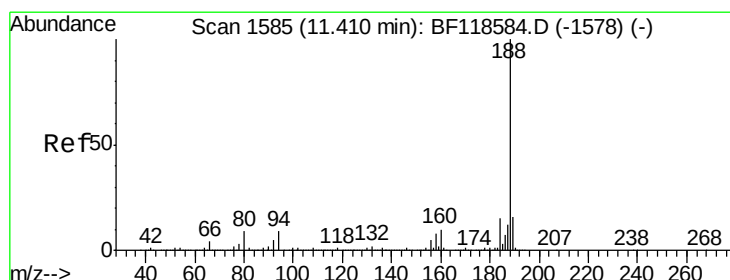
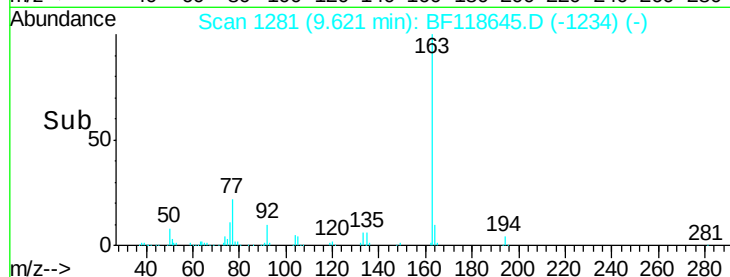
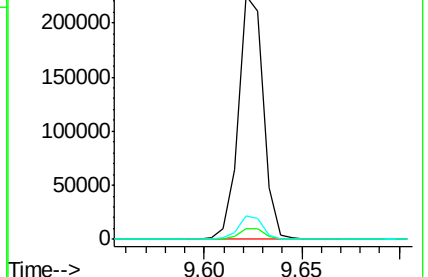
164 9.9 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118645.D

Acq: 21 Jan 2020 21:12

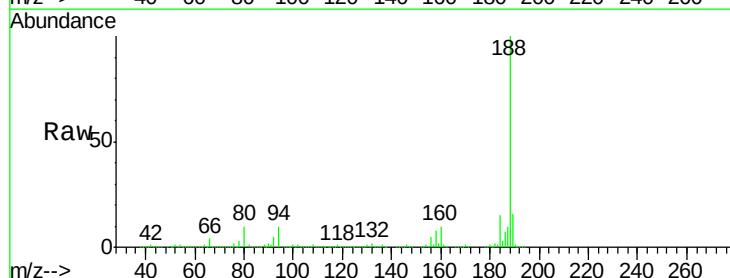
Tgt Ion:188 Resp: 1644892

Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

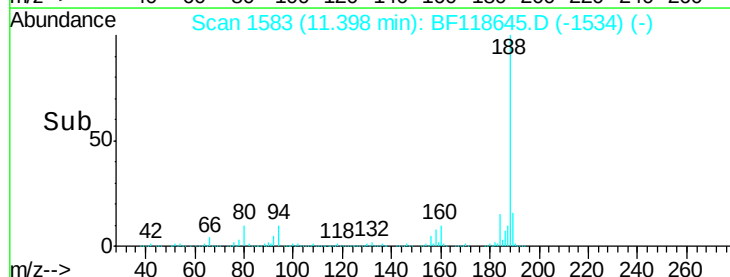
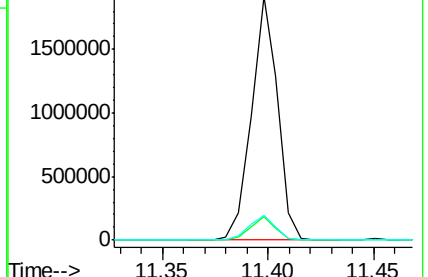
80 10.3 7.5 11.3

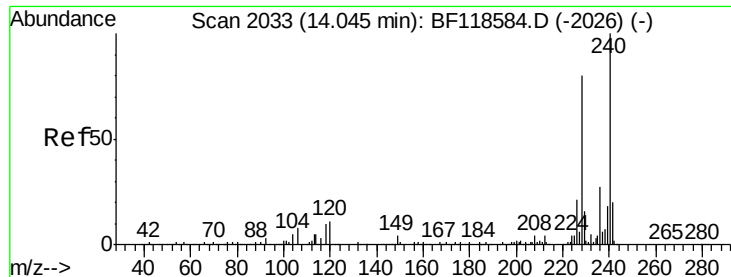


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

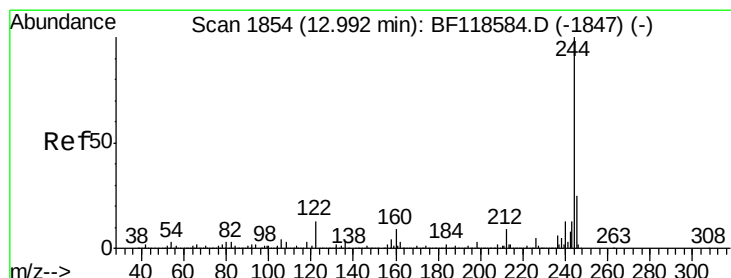
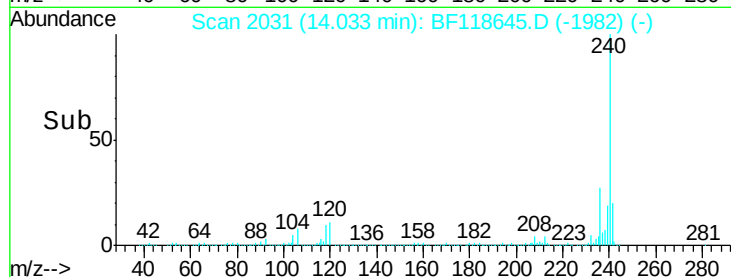
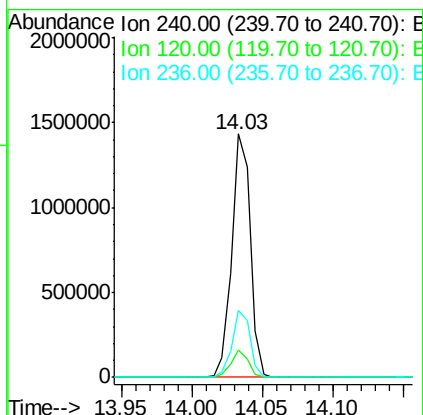
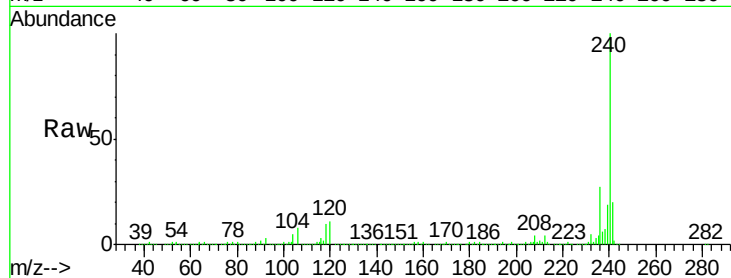




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118645.D
 Acq: 21 Jan 2020 21:12

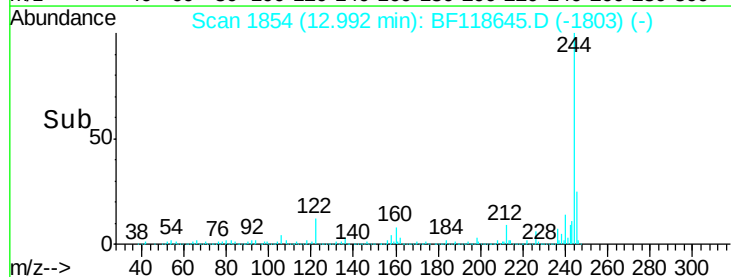
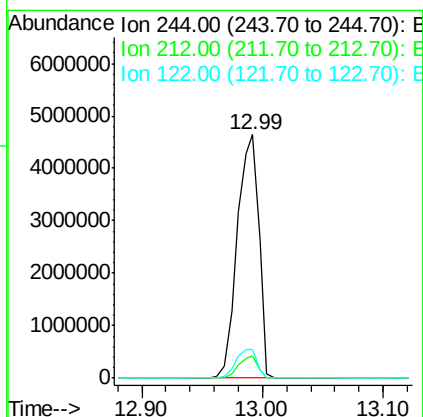
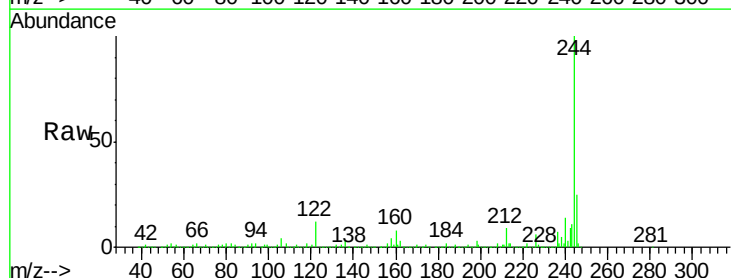
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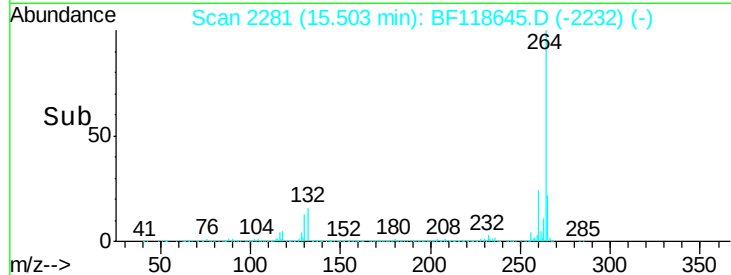
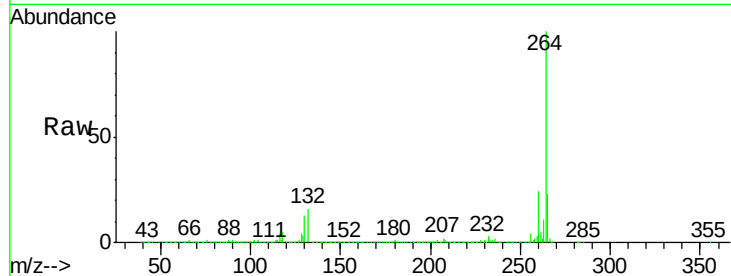
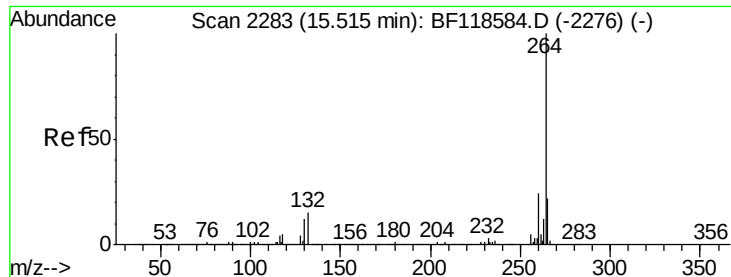
Tot Ion:240 Resp: 1316776
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 27.2 21.5 32.3



#79
 Terphenyl-d14
 Concen: 95.842 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF118645.D
 Acq: 21 Jan 2020 21:12

Tgt Ion:244 Resp: 5786172
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.4
 122 11.9 10.7 16.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118645.D
Acq: 21 Jan 2020 21:12

Instrument :
BNA_F
ClientSampleId :
93OAK-AVE-COMP

Tot Ion:264 Resp: 1098957

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.5	17.7	26.5

