

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118689.D
 Acq On : 24 Jan 2020 16:52
 Operator : CG/JU
 Sample : L1246-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Jan 27 01:43:23 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

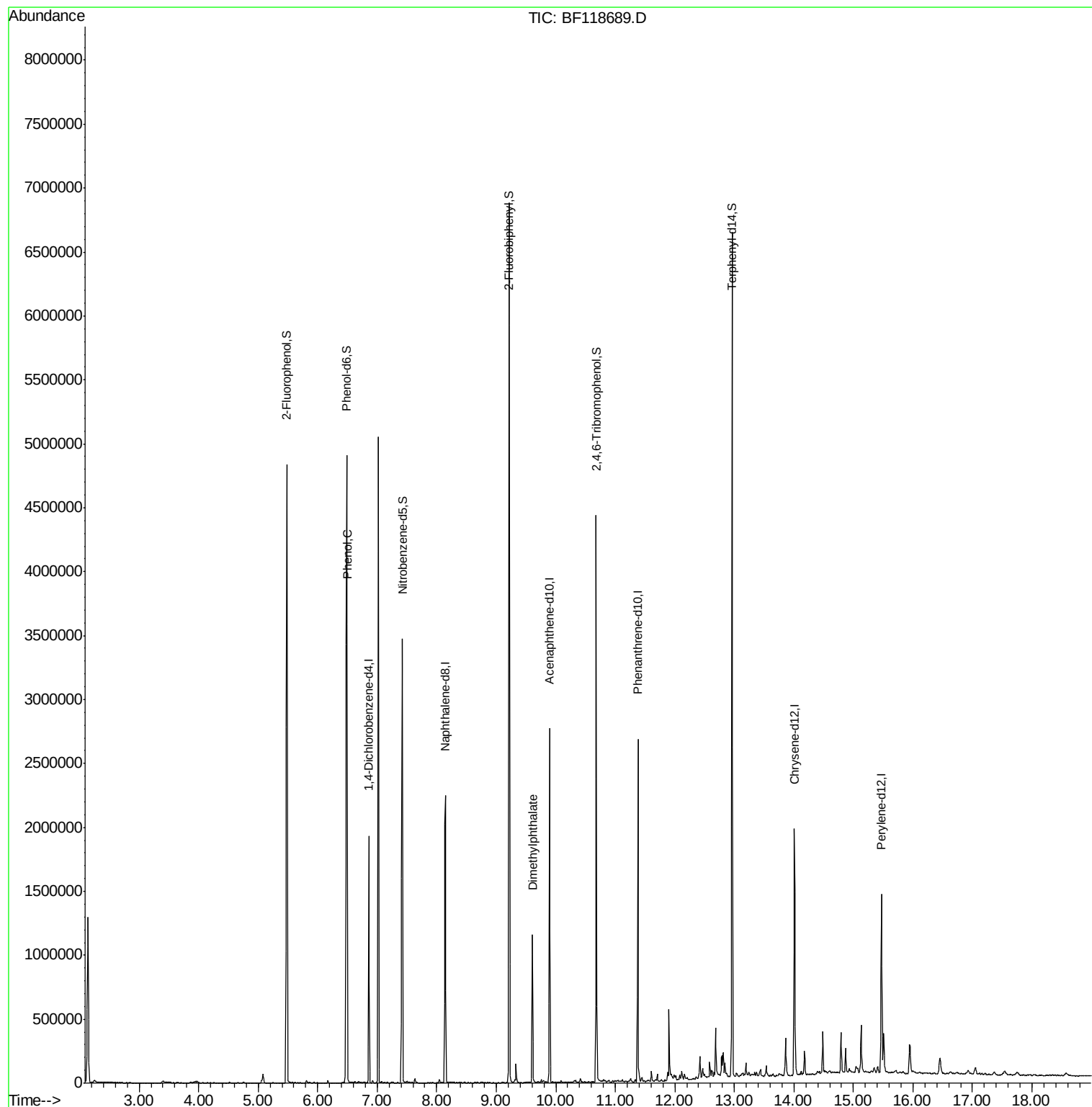
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	278633	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1026773	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	564743	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	980739	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	614542	20.00	ng	-0.04
87) Perylene-d12	15.47	264	662851	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1500260	100.00	ng	-0.02
7) Phenol-d6	6.49	99	1854926	95.13	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1188382	64.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	594636	91.03	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	2250991	65.51	ng	-0.03
79) Terphenyl-d14	12.96	244	2332355	82.78	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	97193	4.374	ng	95
50) Dimethylphthalate	9.61	163	475337	12.919	ng	98

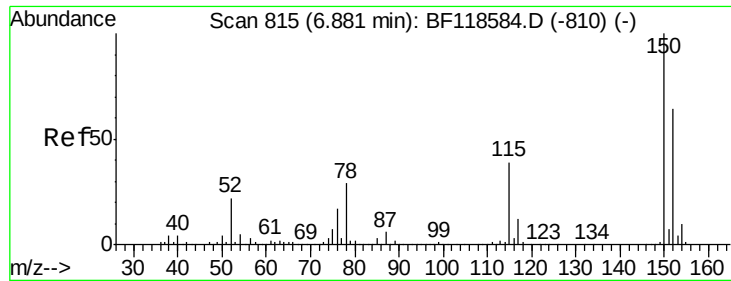
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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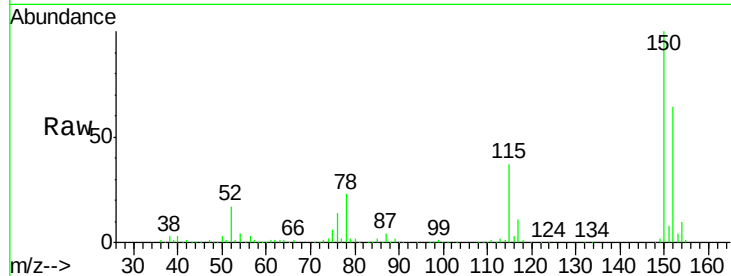


#1

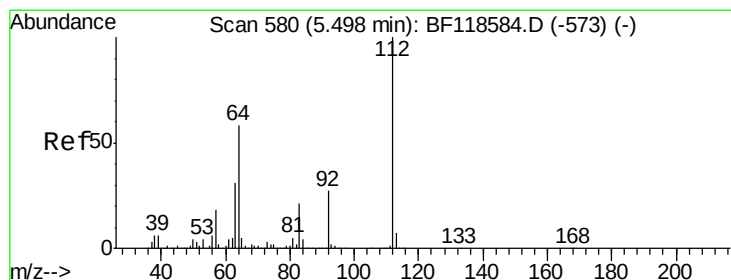
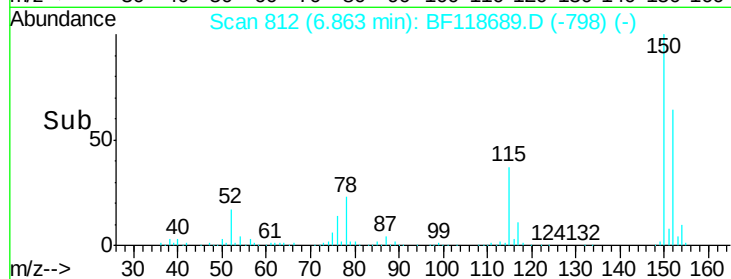
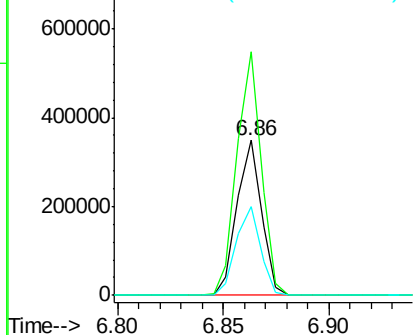
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion:152 Resp: 278633
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 57.5 48.4 72.6



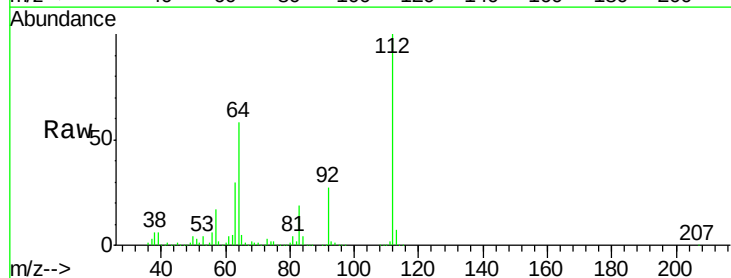
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



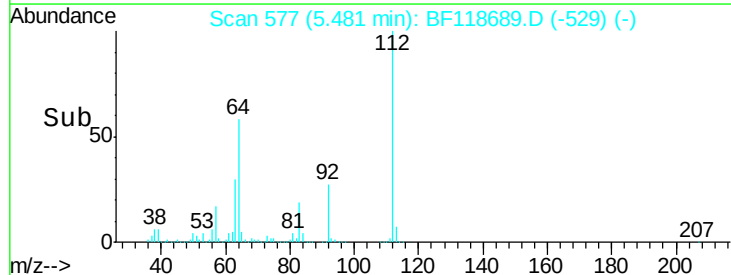
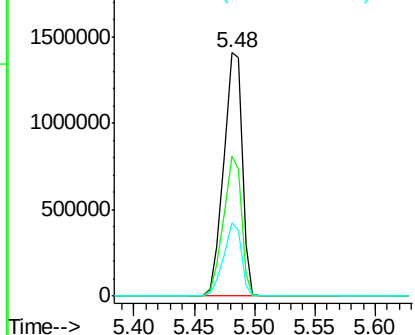
#5

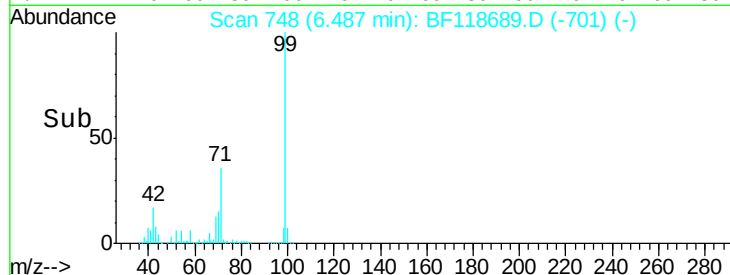
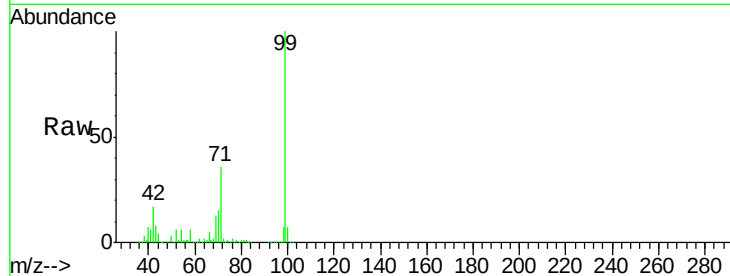
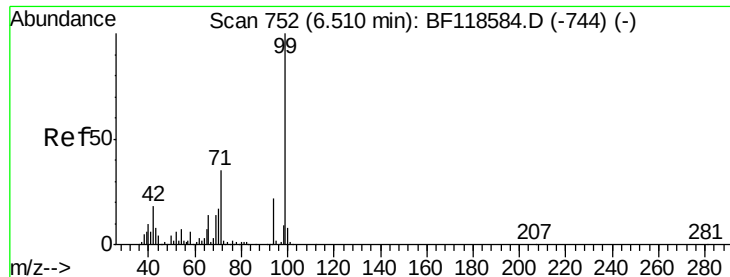
2-Fluorophenol
Concen: 100.001 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Tgt Ion:112 Resp: 1500260
Ion Ratio Lower Upper
112 100
64 57.7 46.6 70.0
63 29.9 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: 95.128 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

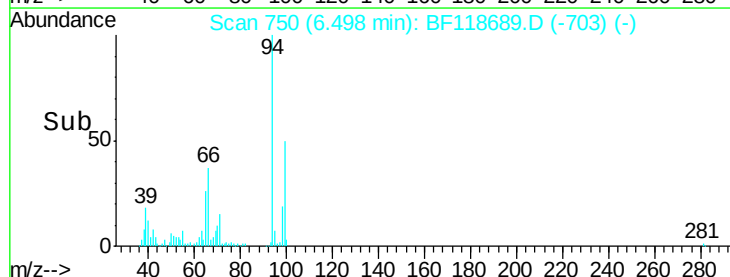
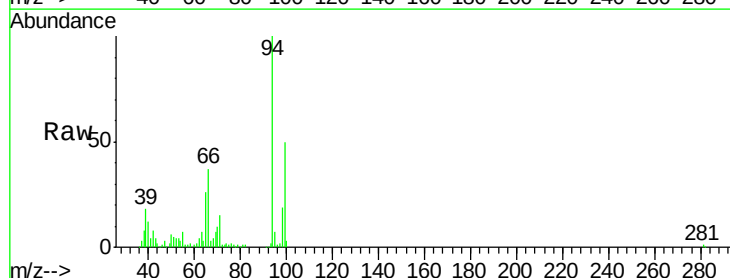
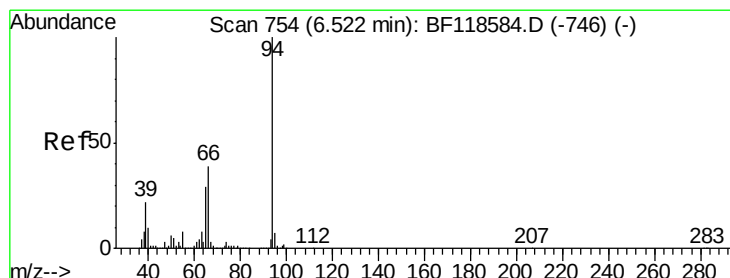
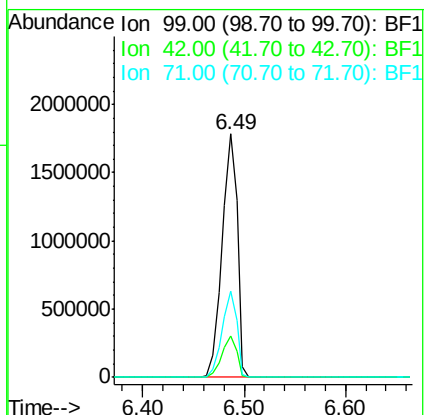
Tot Ion: 99 Resp: 1854926

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.2

71 35.6 27.8 41.6



#10

Phenol

Concen: 4.374 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

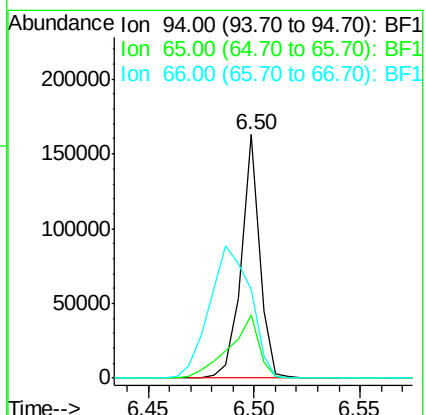
Tgt Ion: 94 Resp: 97193

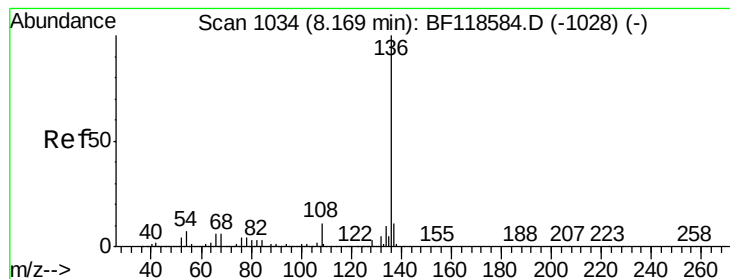
Ion Ratio Lower Upper

94 100

65 25.9 9.5 49.5

66 36.5 18.5 58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

Tot Ion:136 Resp: 1026773

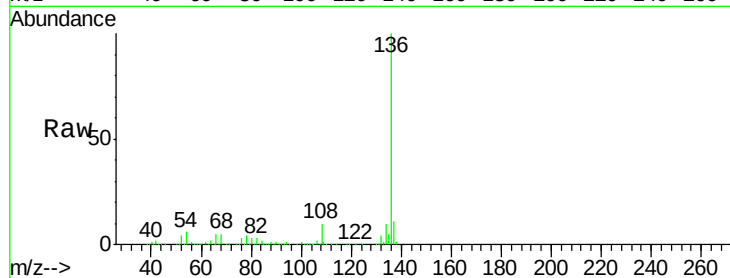
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 5.8 8.6

68 5.4 5.0 7.4

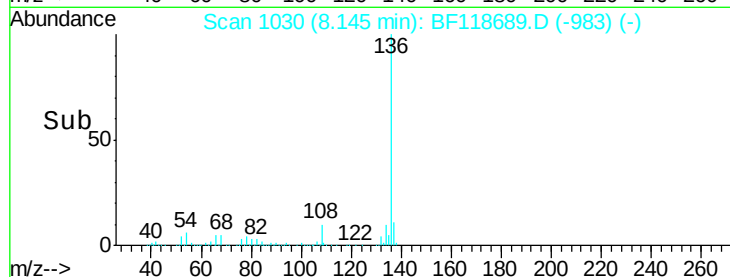


Abundance Ion 136.00 (135.70 to 136.70): E

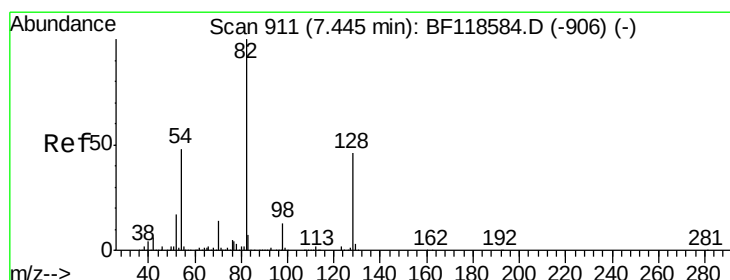
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 64.738 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

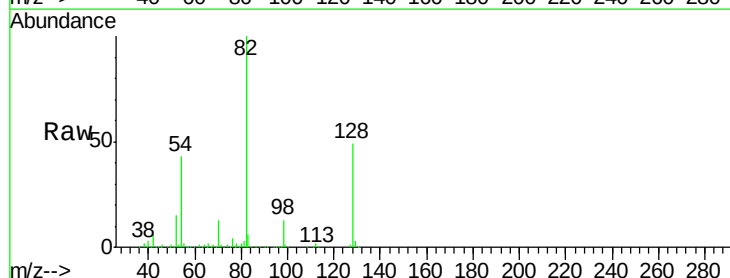
Tgt Ion: 82 Resp: 1188382

Ion Ratio Lower Upper

82 100

128 48.9 36.6 54.8

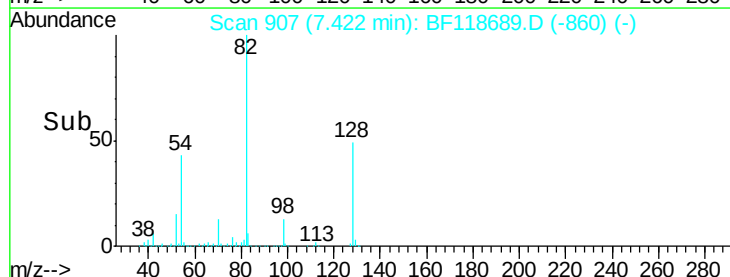
54 42.9 38.0 57.0



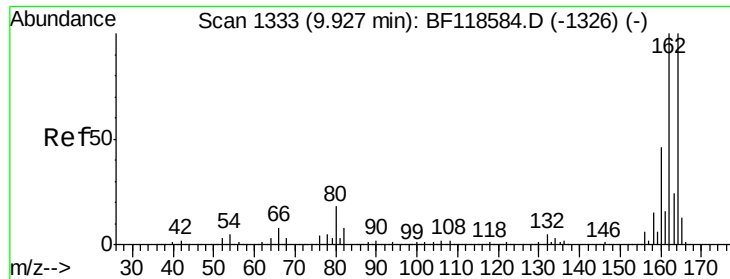
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

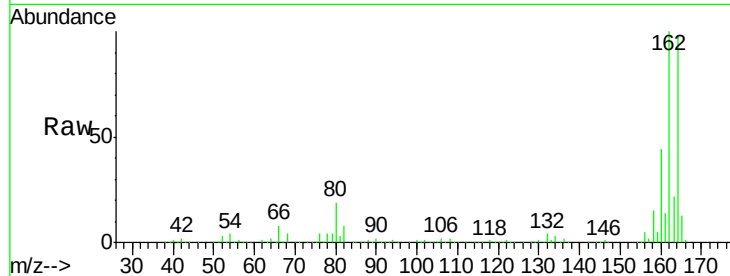
Tot Ion:164 Resp: 564743

Ion Ratio Lower Upper

164 100

162 101.6 80.4 120.6

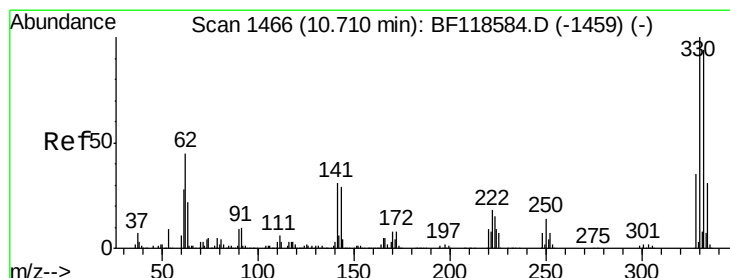
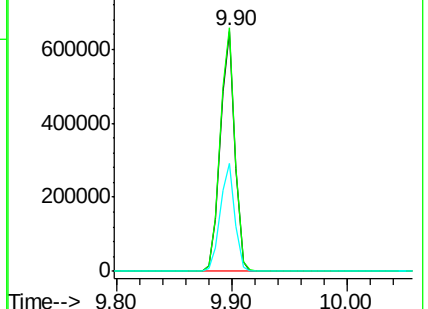
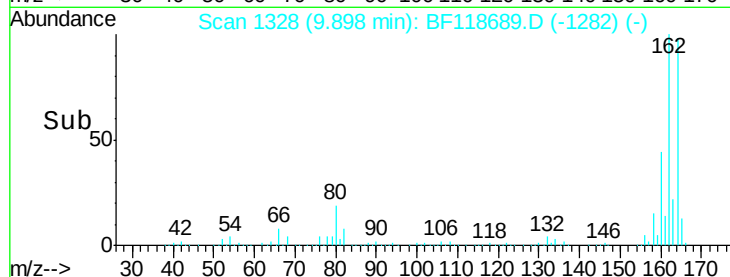
160 45.1 36.6 55.0



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: 91.035 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

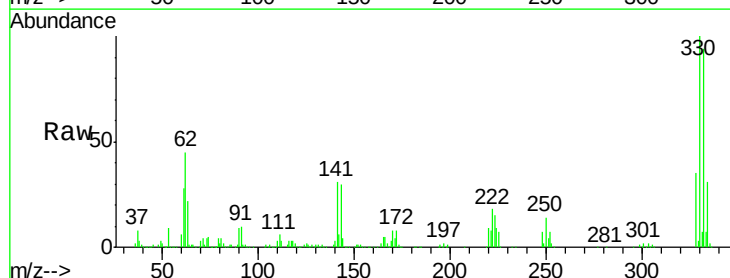
Tgt Ion:330 Resp: 594636

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

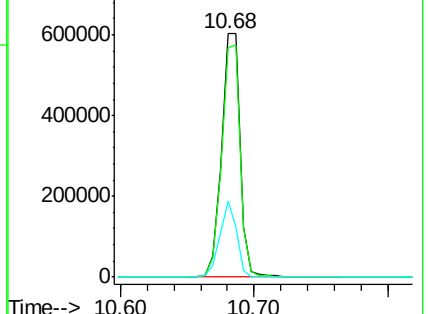
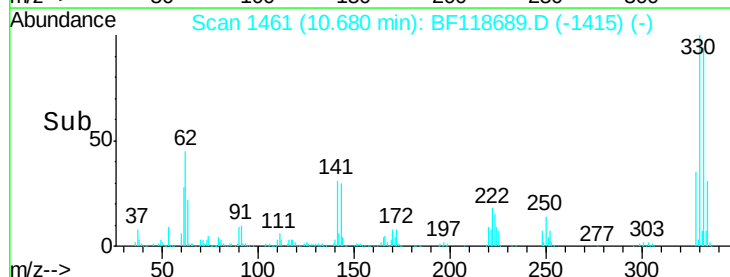
141 28.3 23.9 35.9

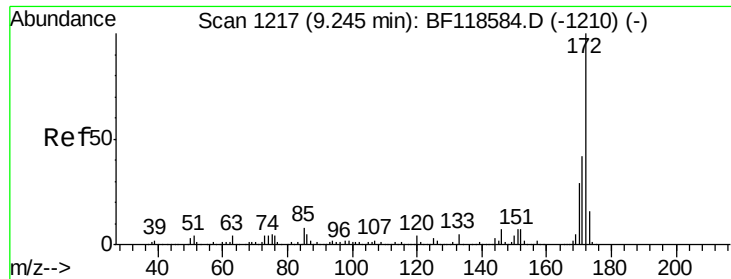


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

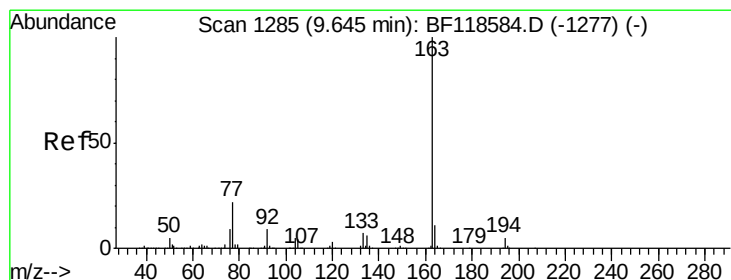
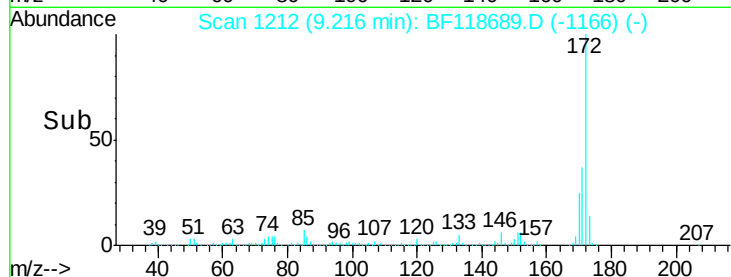
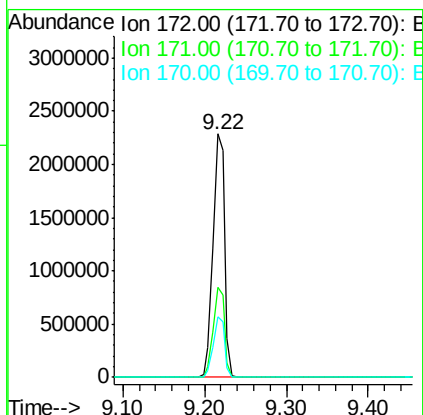
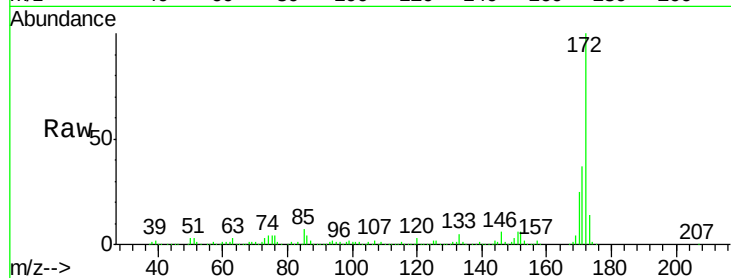




#45
2-Fluorobiphenyl
Concen: 65.512 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

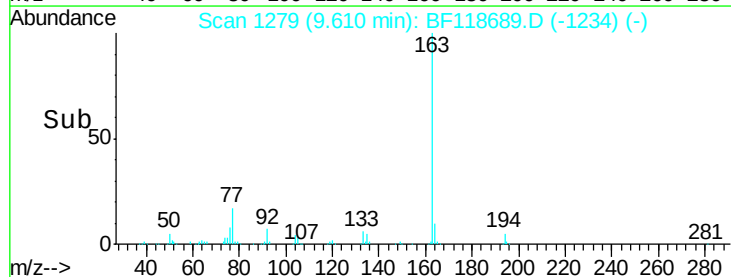
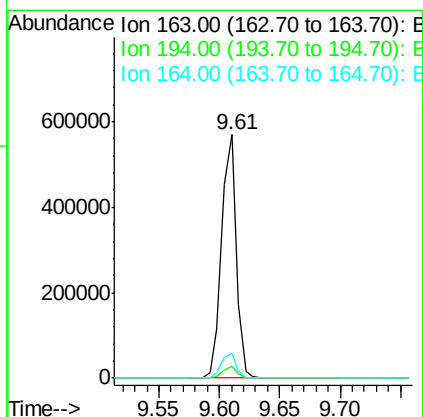
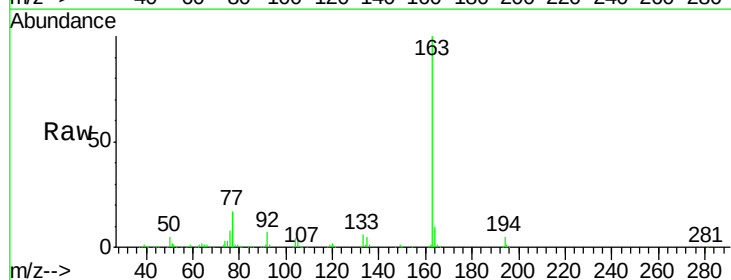
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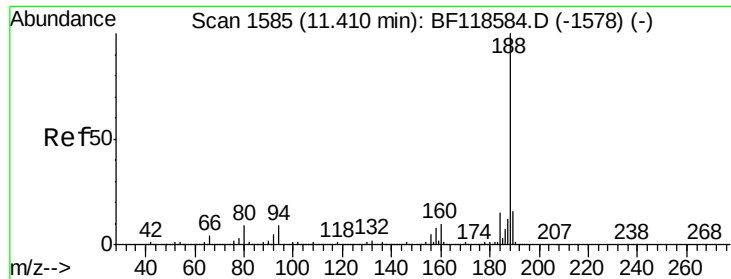
Tot Ion:172 Resp: 2250991
Ion Ratio Lower Upper
172 100
171 36.9 33.4 50.2
170 24.7 23.2 34.8



#50
Dimethylphthalate
Concen: 12.919 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Tgt Ion:163 Resp: 475337
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 10.1 9.1 13.7

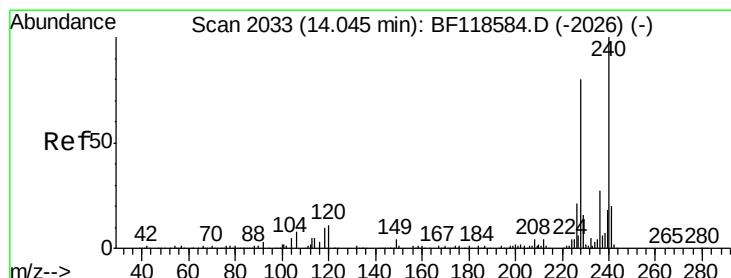
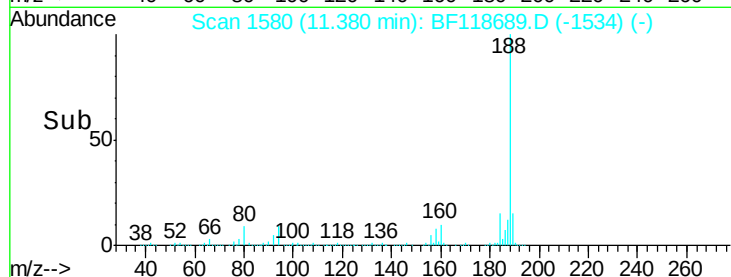
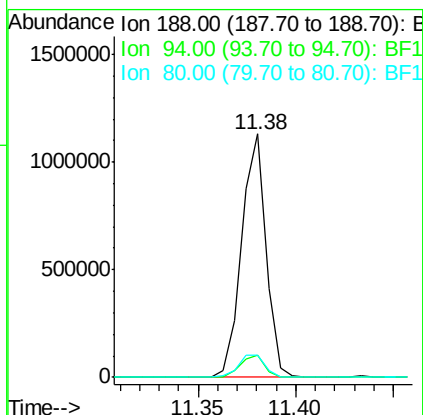
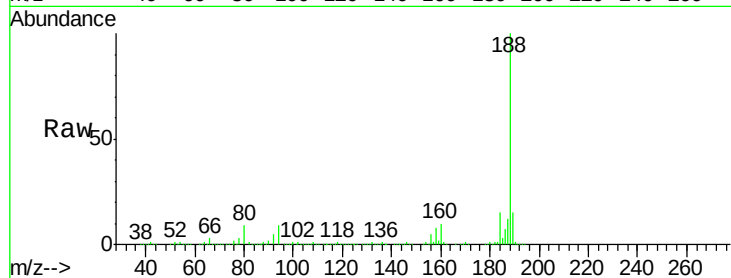




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

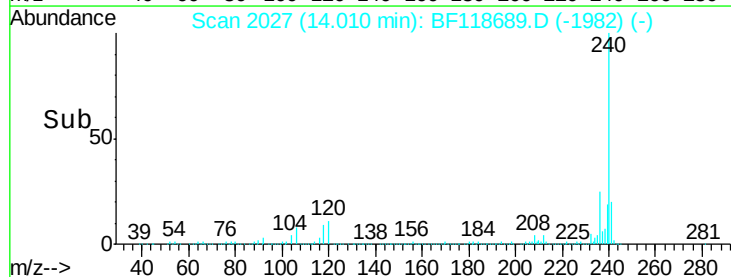
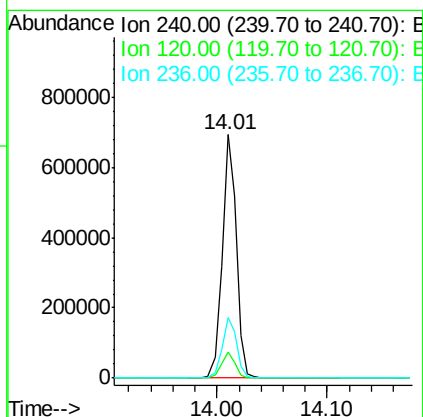
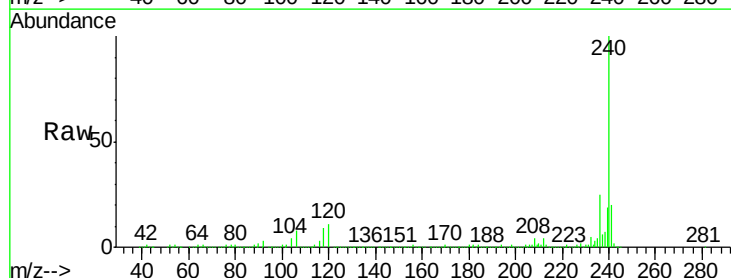
Instrument :
BNA_F
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SP-3

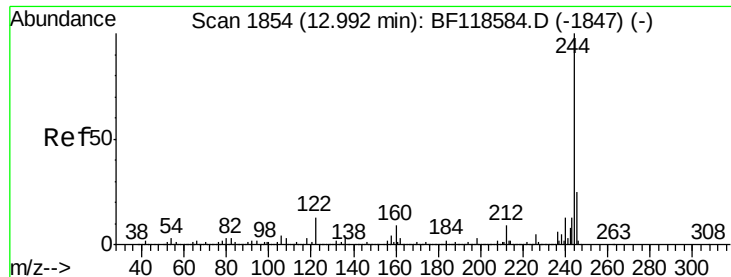
Tot Ion:188 Resp: 980739
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Tgt Ion:240 Resp: 614542
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.1 21.5 32.3

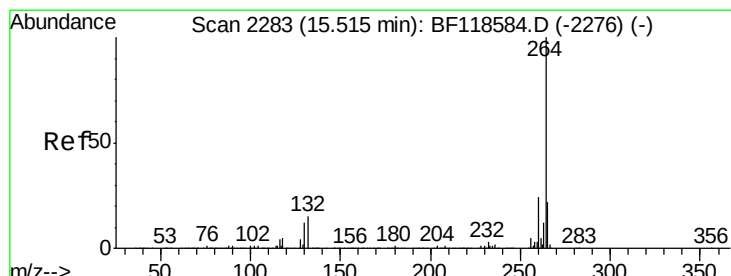
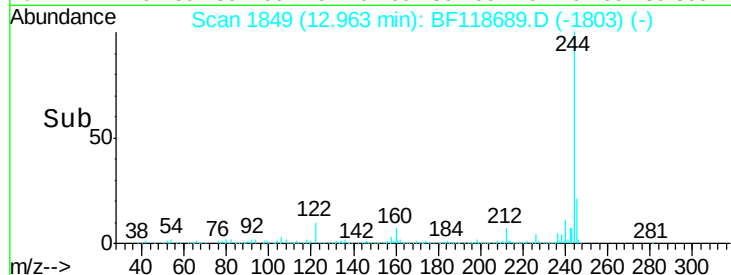
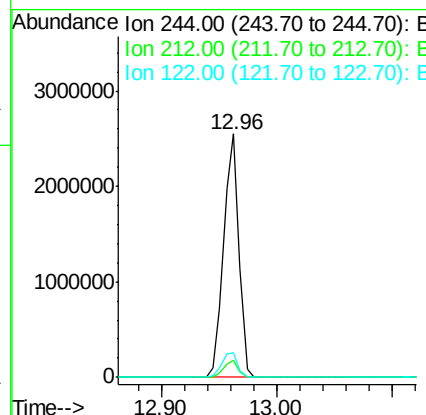
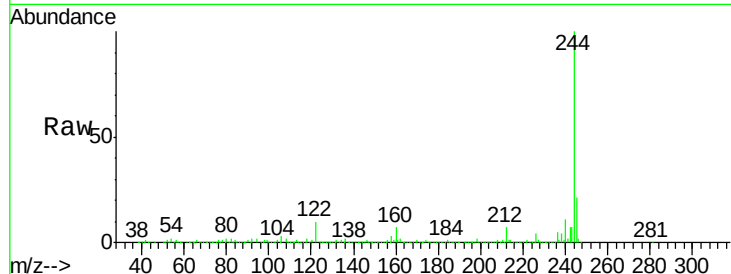




#79
 Terphenyl-d14
 Concen: 82.778 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 2332355
 Ion Ratio Lower Upper
 244 100
 212 7.1 7.0 10.4
 122 10.3 10.7 16.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.04 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Tgt Ion:264 Resp: 662851
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.4 17.7 26.5

