

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121250.D
 Acq On : 11 Aug 2020 20:24
 Operator : JU/CG
 Sample : L3624-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 12 10:59:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146356	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	577575	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	300425	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	620347	20.00	ng	0.00
76) Chrysene-d12	13.96	240	565533	20.00	ng	0.00
86) Perylene-d12	15.42	264	497199	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	900355	100.85	ng	0.00
7) Phenol-d6	6.43	99	990790	85.91	ng	-0.01
23) Nitrobenzene-d5	7.36	82	794686	79.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	403247	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1466390	72.88	ng	0.00
79) Terphenyl-d14	12.91	244	1606012	61.73	ng	0.00

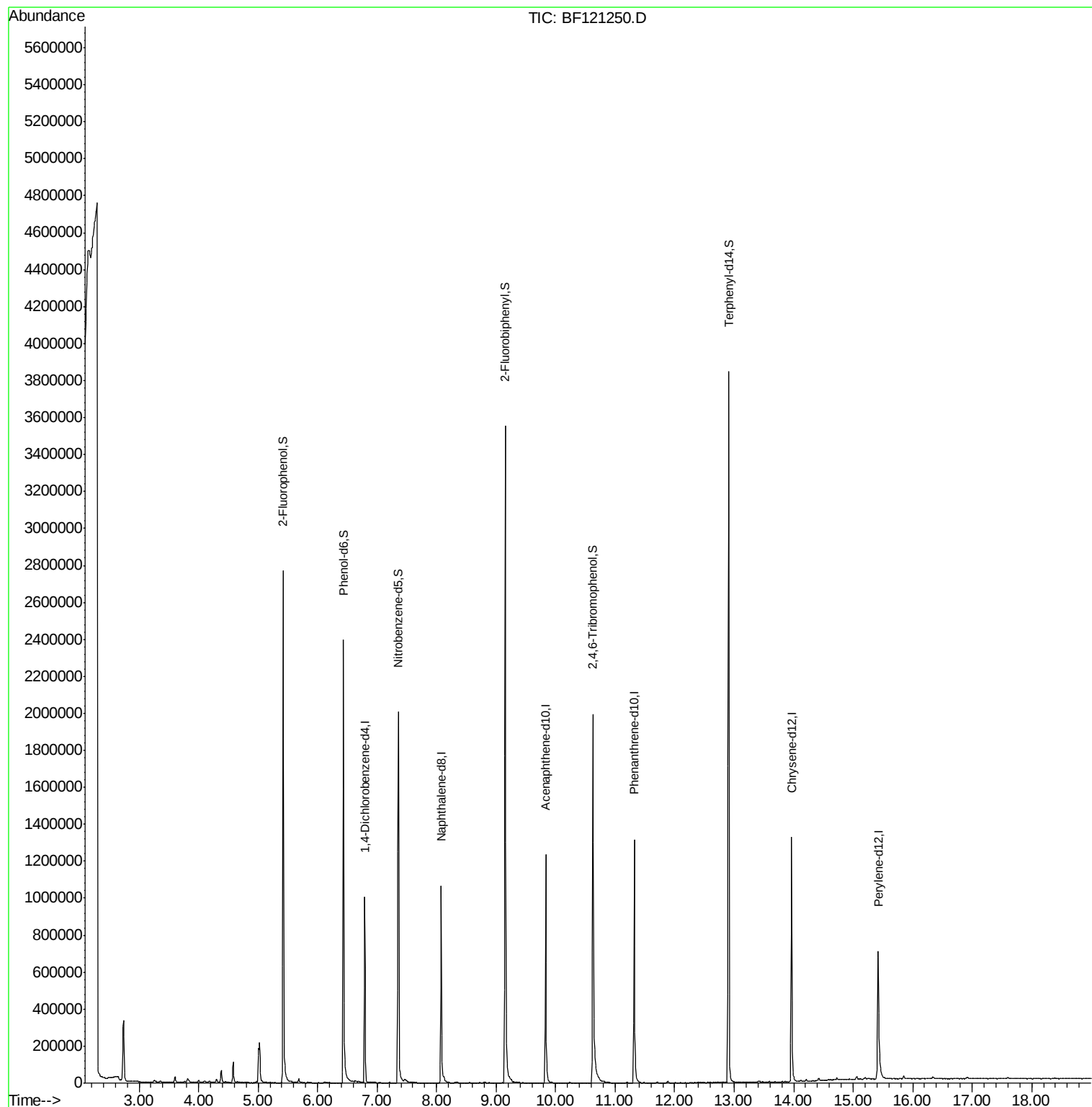
Target Compounds Qvalue

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

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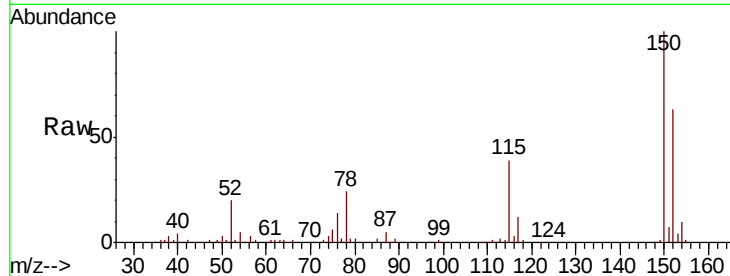


#1

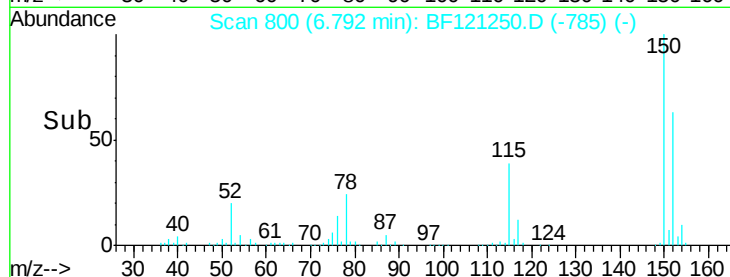
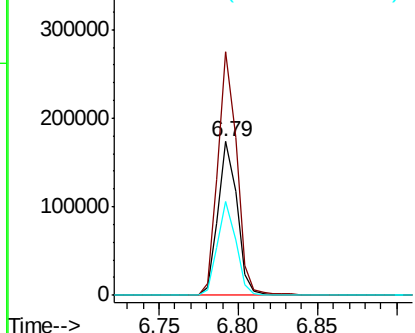
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

Tot Ion:152 Resp: 146356
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.6 188.4
 115 61.1 46.2 69.2



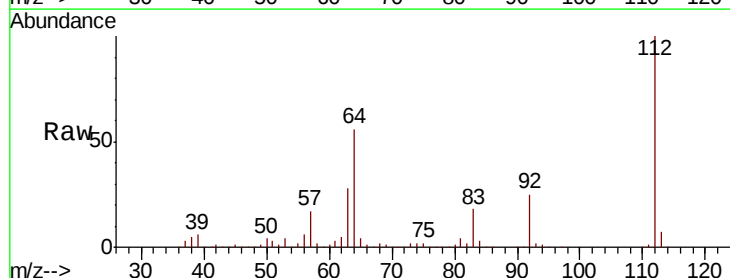
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



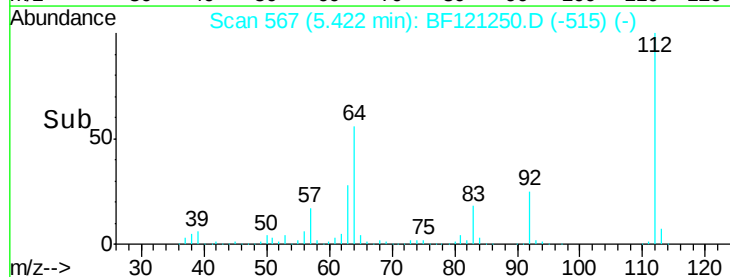
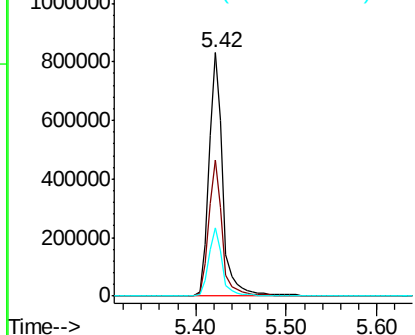
#5

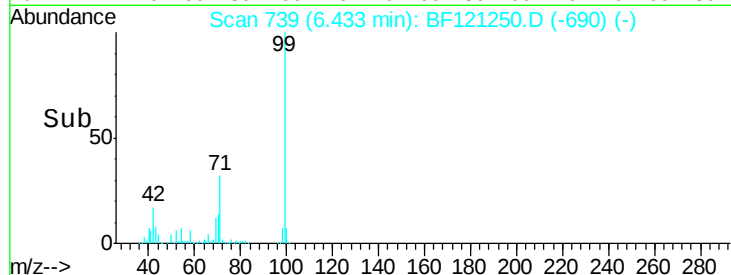
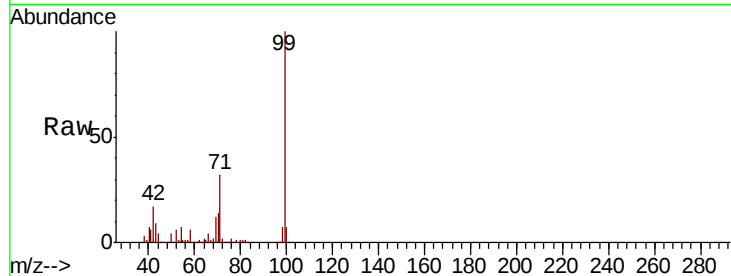
2-Fluorophenol
 Concen: 100.850 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Tgt Ion:112 Resp: 900355
 Ion Ratio Lower Upper
 112 100
 64 55.7 43.9 65.9
 63 28.0 22.7 34.1



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: 85.915 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Instrument :

BNA_F

ClientSampleId :

SS-TP-4

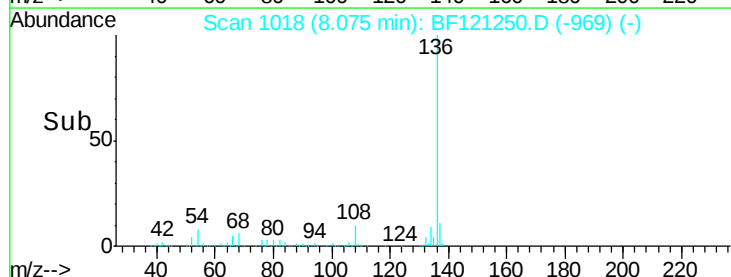
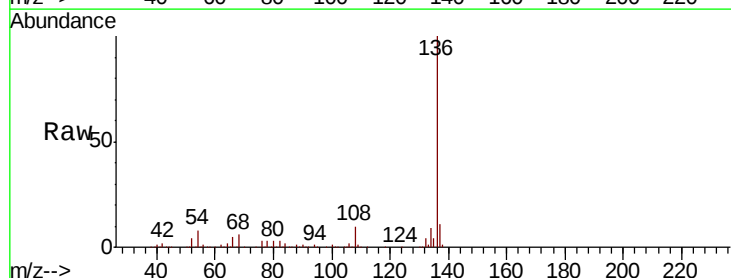
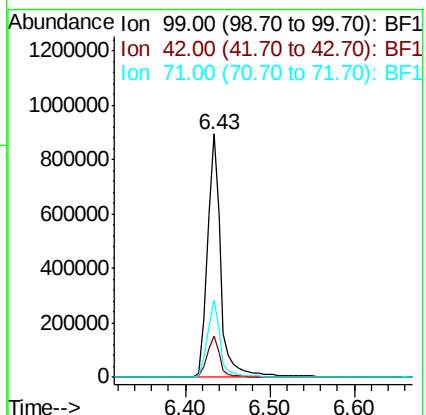
Tot Ion: 99 Resp: 990790

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 31.5 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Tgt Ion: 136 Resp: 577575

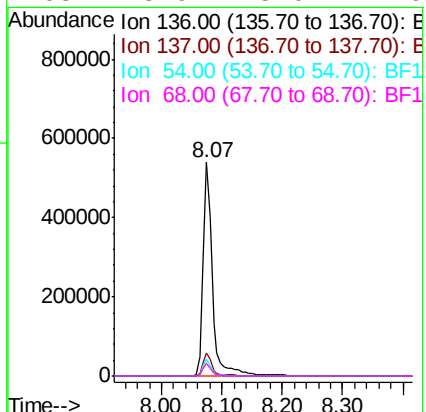
Ion Ratio Lower Upper

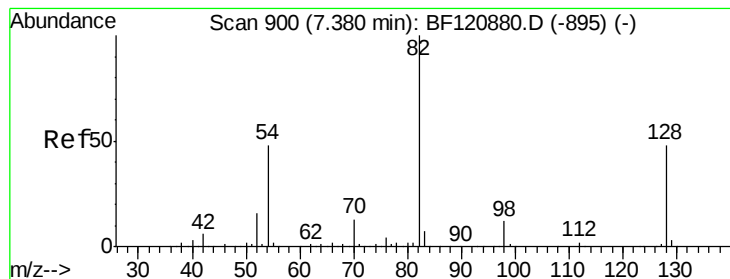
136 100

137 11.0 9.0 13.4

54 7.7 6.1 9.1

68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.614 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Instrument :

BNA_F

ClientSampled :

SS-TP-4

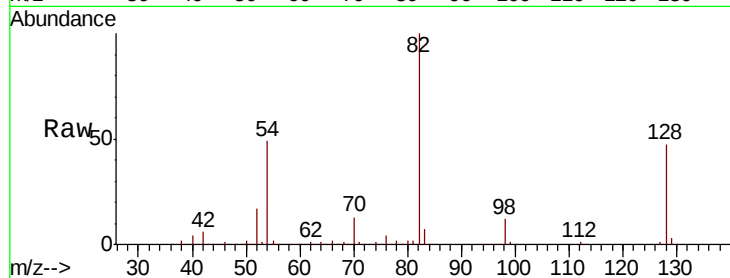
Tot Ion: 82 Resp: 794686

Ion Ratio Lower Upper

82 100

128 46.8 39.2 58.8

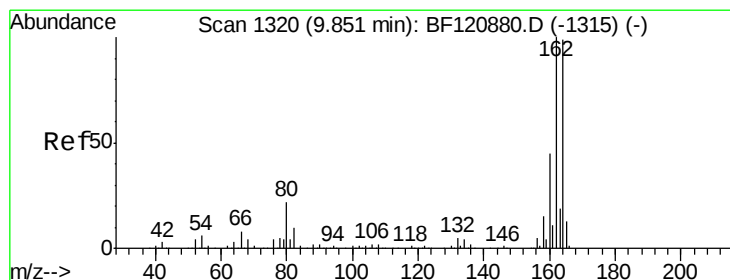
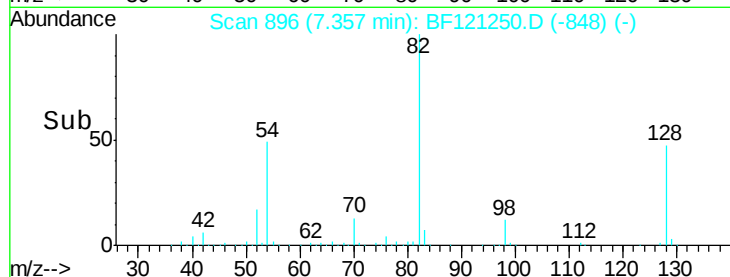
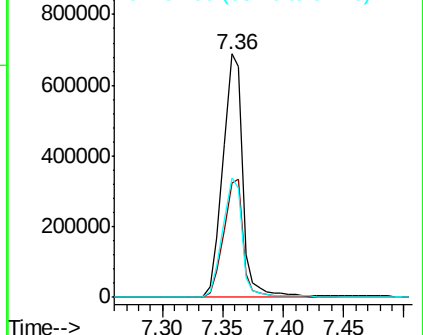
54 49.3 37.8 56.8



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

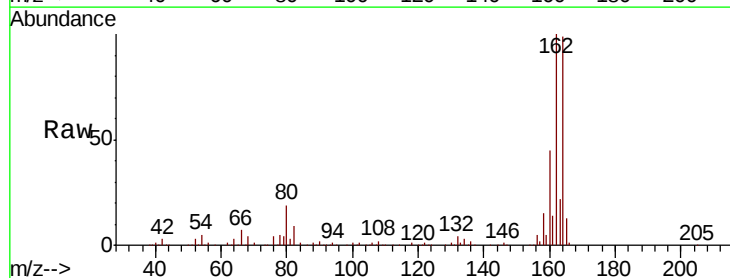
Tgt Ion:164 Resp: 300425

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

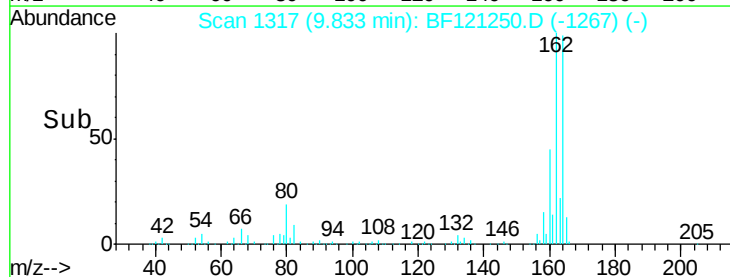
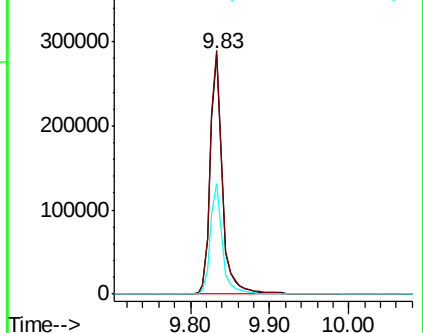
160 46.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

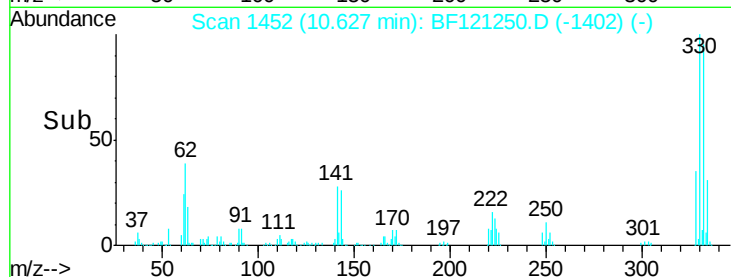
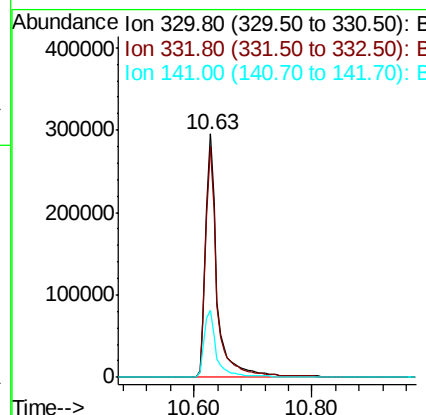
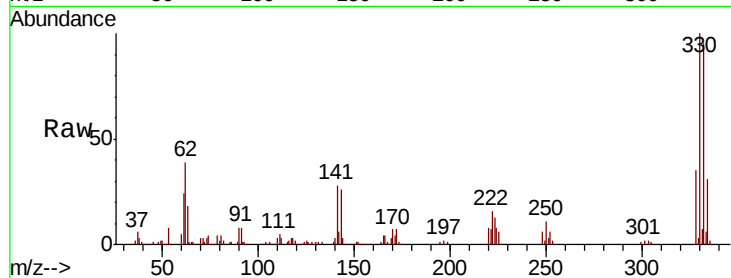




#42
 2,4,6-Tribromophenol
 Concen: 122.625 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

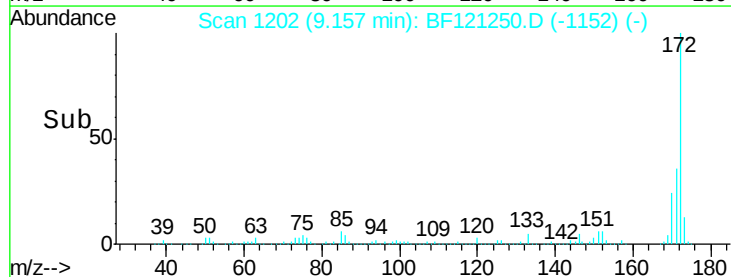
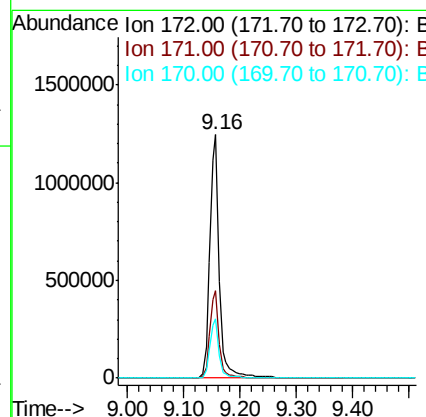
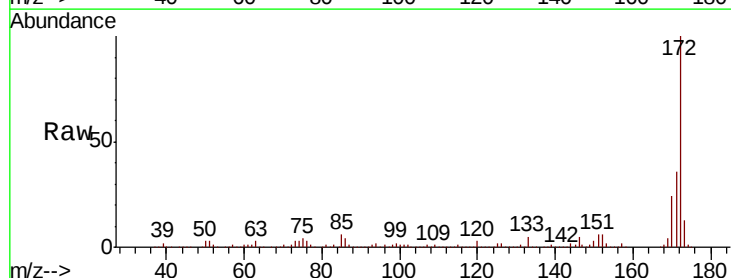
Instrument :
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 SS-TP-4

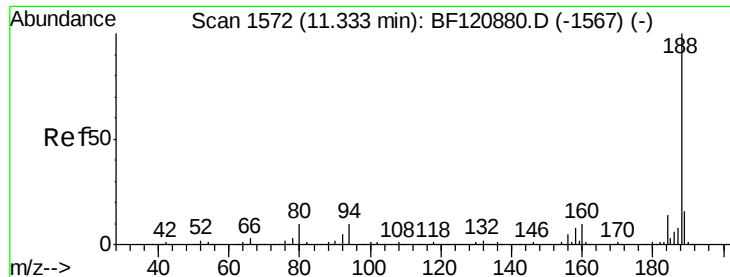
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	29.6	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 72.876 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.3	19.6	29.4

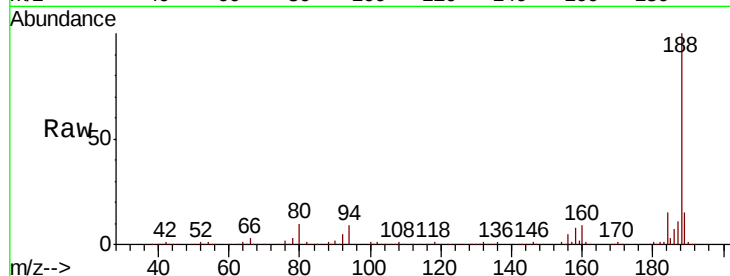




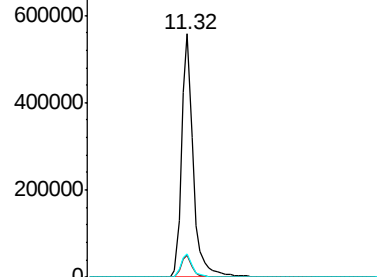
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

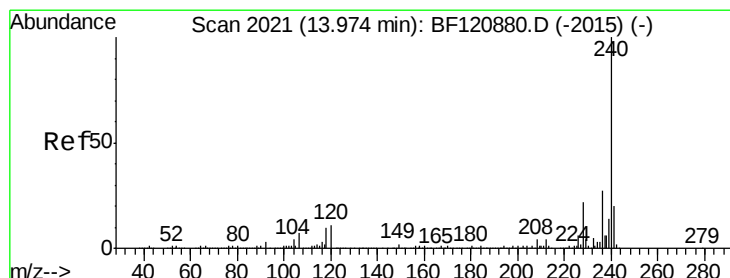
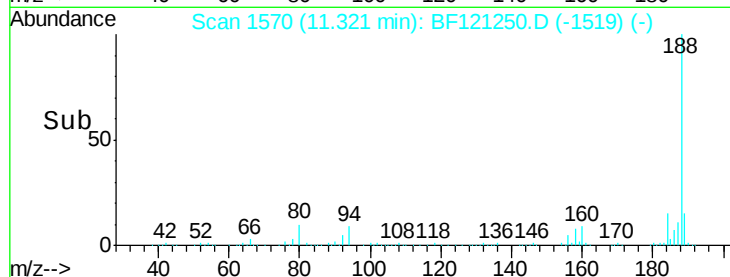
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.8	8.3	12.5



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

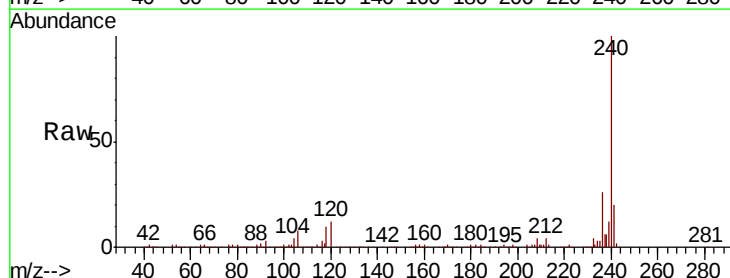


Time--> 11.20 11.30 11.40 11.50

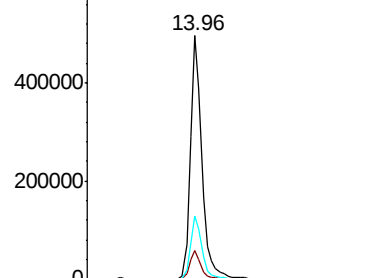


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

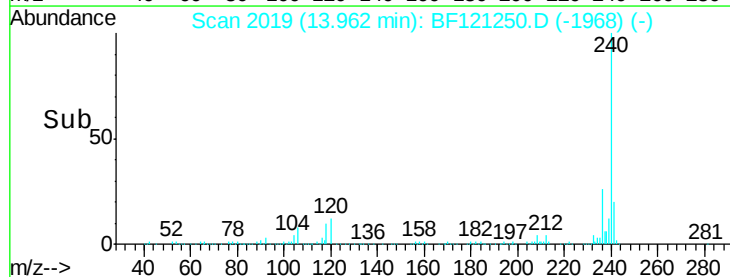
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.3	13.9
236	25.9	21.1	31.7



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



Time--> 13.90 14.00 14.10

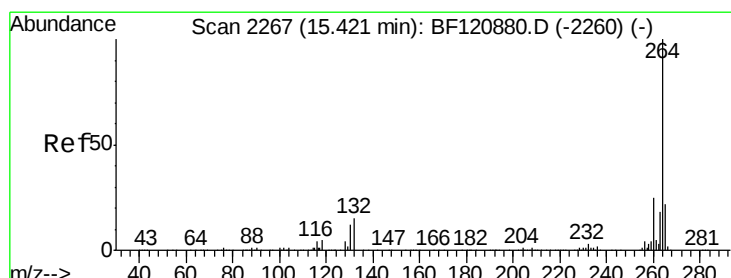
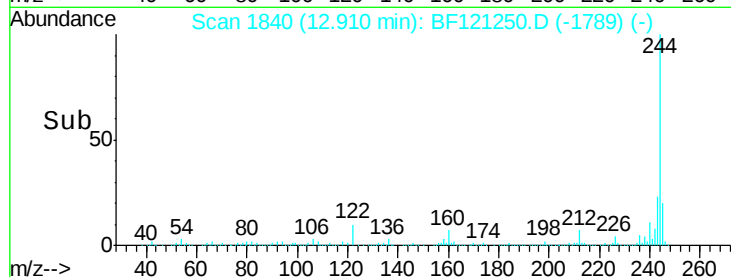
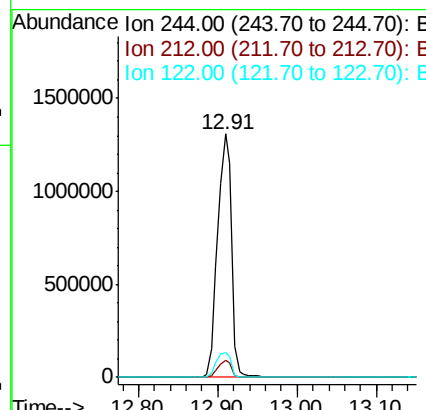
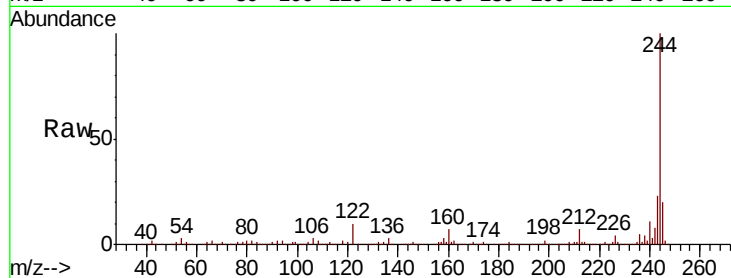




#79
 Terphenyl-d14
 Concen: 61.732 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

Tot Ion:244 Resp: 1606012
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Tgt Ion:264 Resp: 497199
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.2 17.8 26.8

