

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121192.D
 Acq On : 5 Aug 2020 14:15
 Operator : JU/CG
 Sample : L3551-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-DARK-SOIL

Quant Time: Aug 06 01:56:58 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

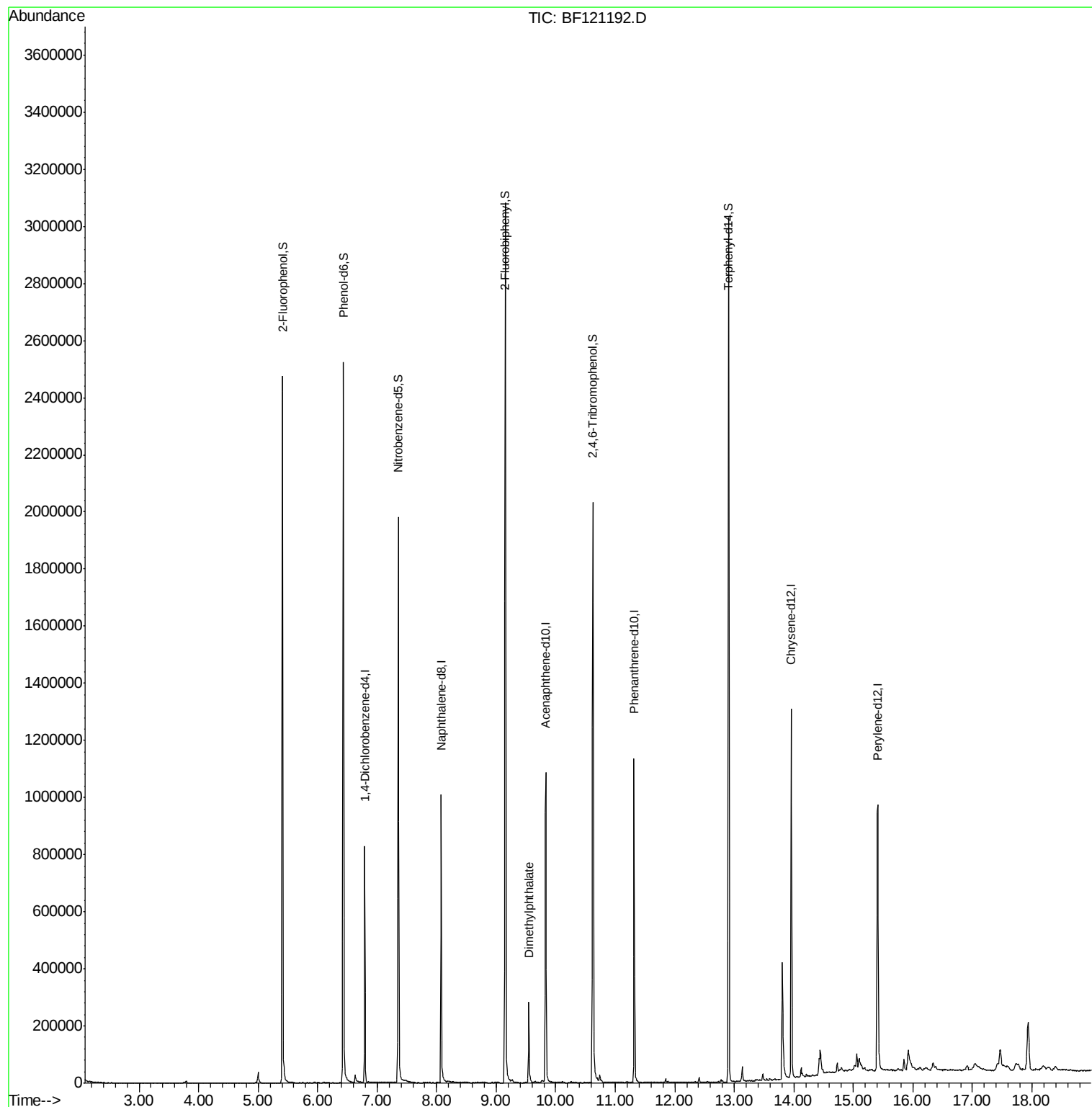
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117623	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	458374	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	242731	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	489789	20.00	ng	0.00
76) Chrysene-d12	13.96	240	450869	20.00	ng	0.00
86) Perylene-d12	15.41	264	458856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	827506	115.33	ng	0.00
7) Phenol-d6	6.43	99	1017031	109.73	ng	-0.01
23) Nitrobenzene-d5	7.36	82	653770	82.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	322638	121.43	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1079990	66.43	ng	-0.01
79) Terphenyl-d14	12.90	244	1089458	52.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	136542	7.797	ng	Qvalue 100

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

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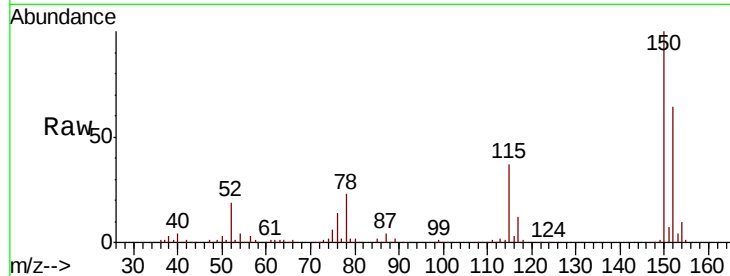


#1

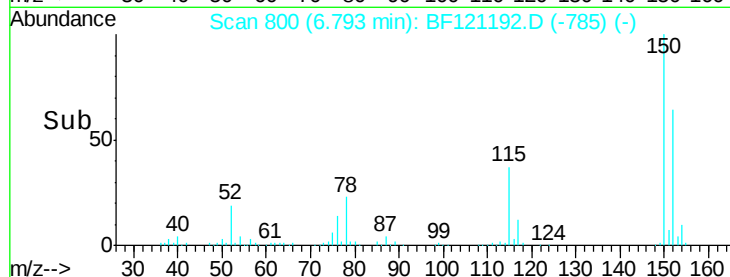
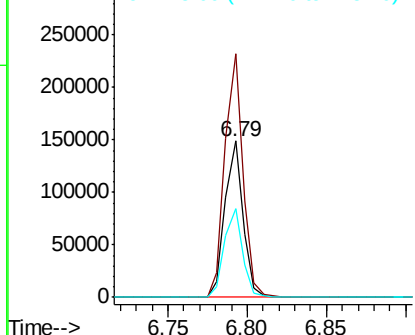
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121192.D
Acq: 5 Aug 2020 14:15

Instrument :
BNA_F
ClientSampleId :
SP-1-DARK-SOIL

Tot Ion:152 Resp: 117623
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 56.9 46.2 69.2



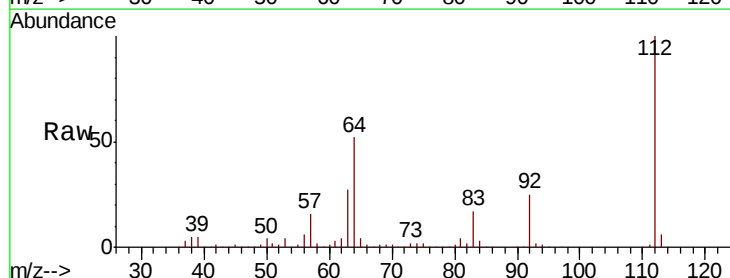
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



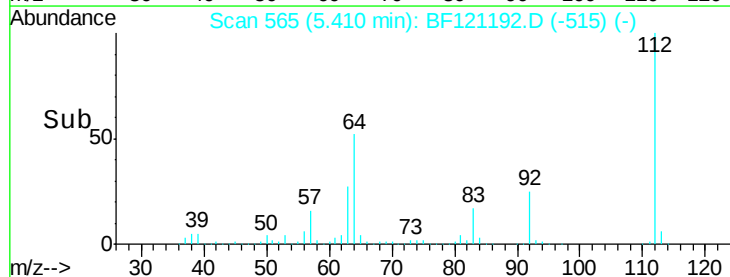
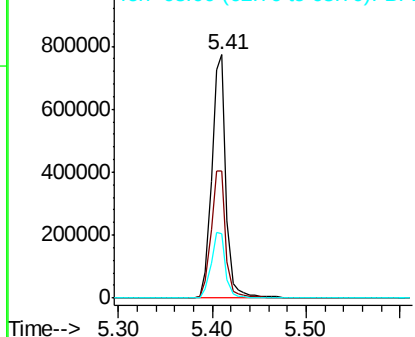
#5

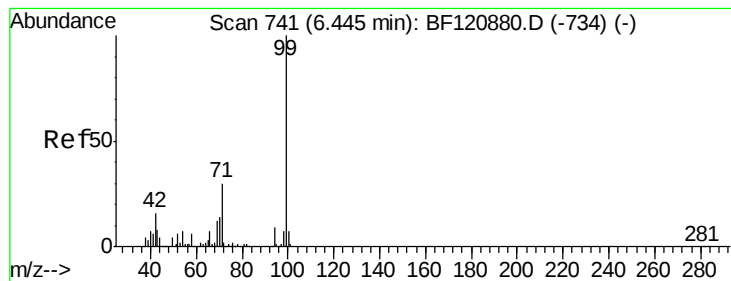
2-Fluorophenol
Concen: 115.333 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121192.D
Acq: 5 Aug 2020 14:15

Tgt Ion:112 Resp: 827506
Ion Ratio Lower Upper
112 100
64 52.4 43.9 65.9
63 26.7 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: 109.733 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121192.D

Acq: 5 Aug 2020 14:15

Instrument :

BNA_F

ClientSampleId :

SP-1-DARK-SOIL

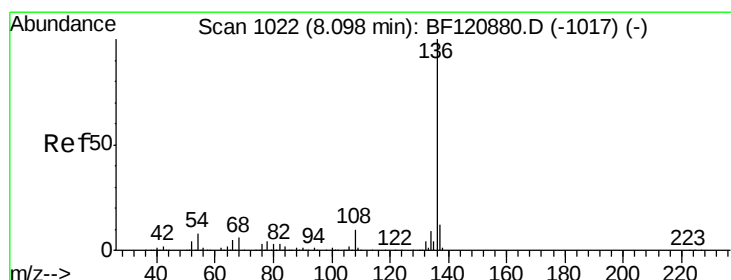
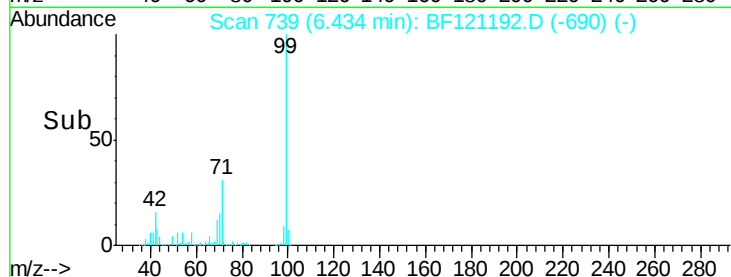
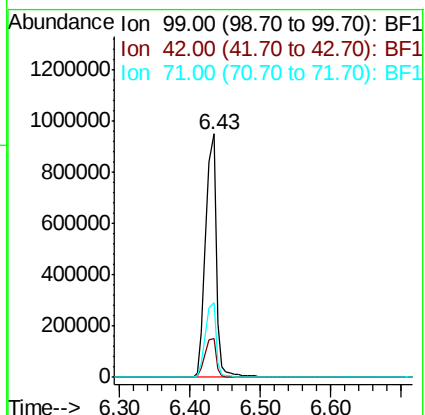
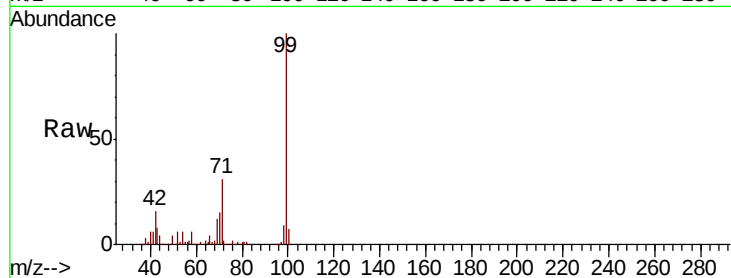
Tot Ion: 99 Resp: 1017031

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

71 30.8 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: BF121192.D

Acq: 5 Aug 2020 14:15

Tgt Ion: 136 Resp: 458374

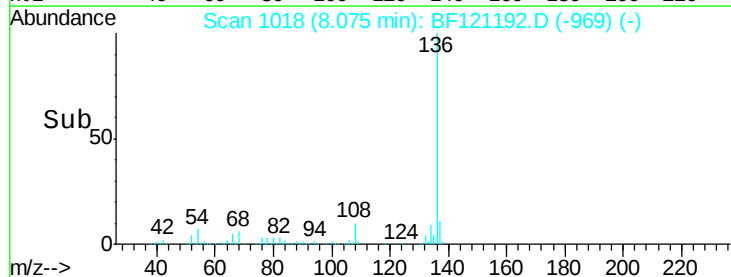
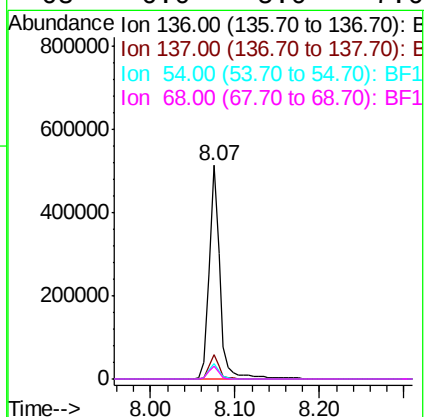
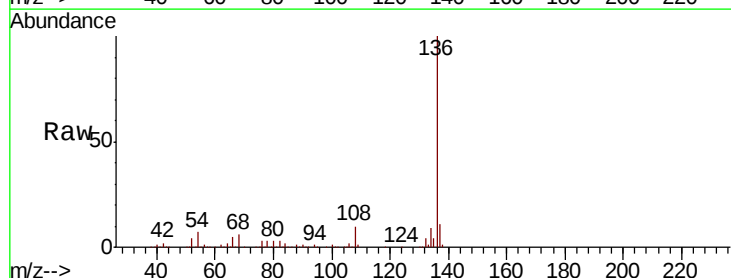
Ion Ratio Lower Upper

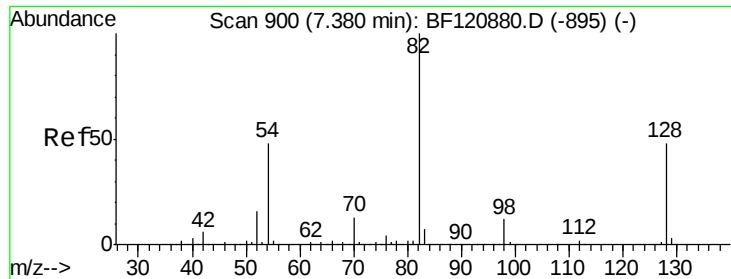
136 100

137 11.2 9.0 13.4

54 7.3 6.1 9.1

68 6.0 5.0 7.6

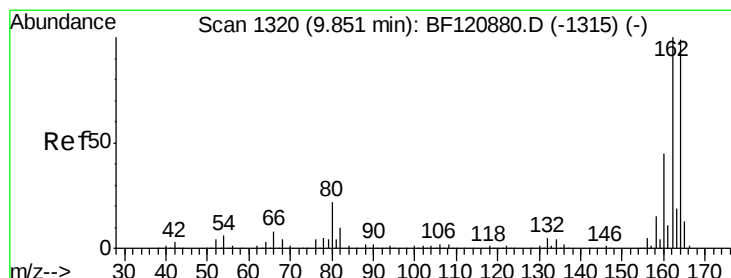
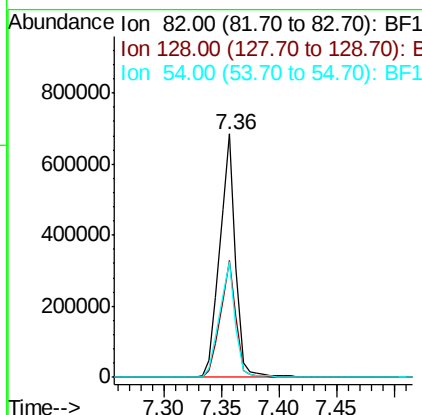
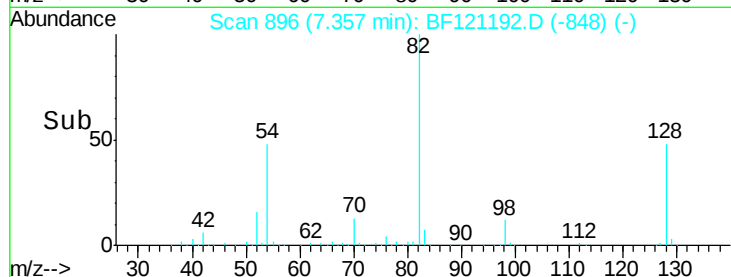
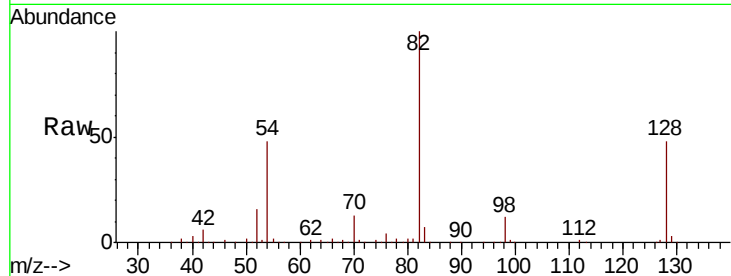




#23
 Nitrobenzene-d5
 Concen: 82.529 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

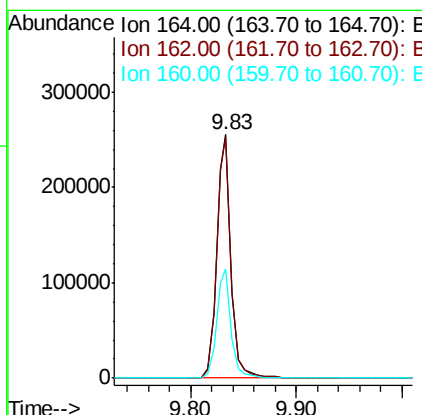
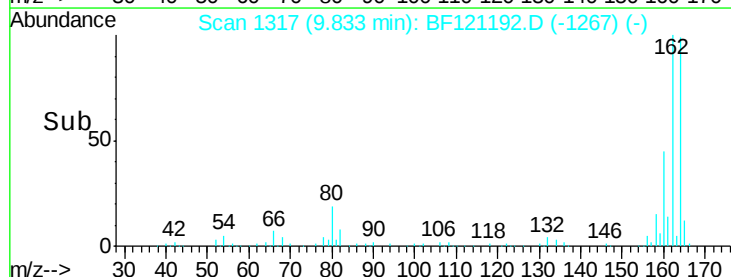
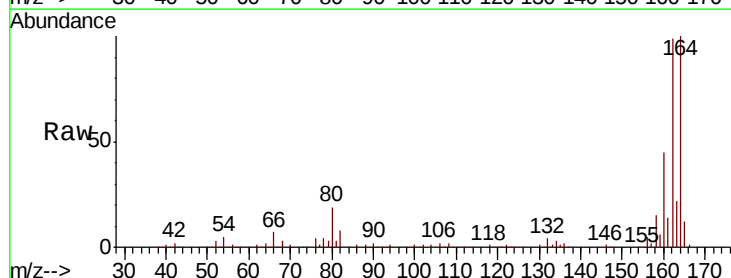
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-DARK-SOIL

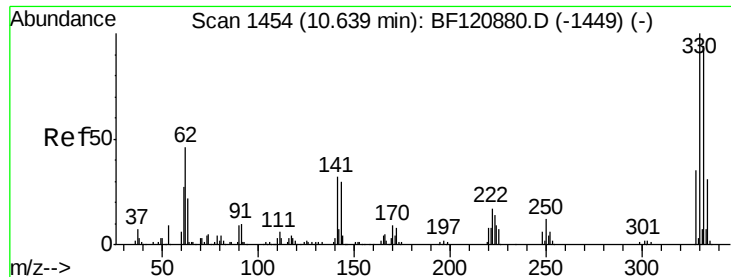
Tot Ion: 82 Resp: 653770
 Ion Ratio Lower Upper
 82 100
 128 47.9 39.2 58.8
 54 47.5 37.8 56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

Tgt Ion:164 Resp: 242731
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.2 123.2
 160 44.6 37.2 55.8

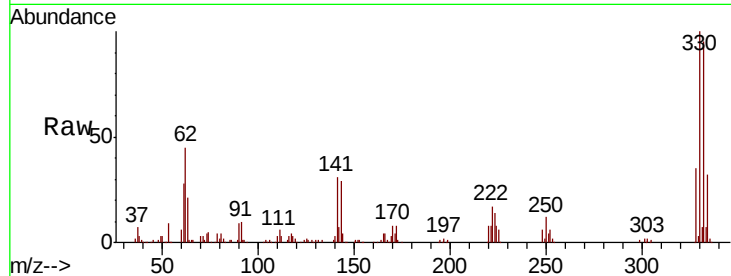




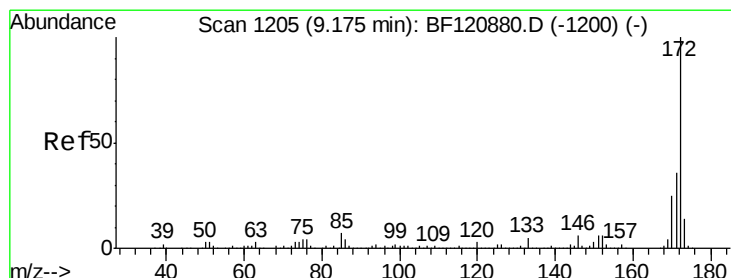
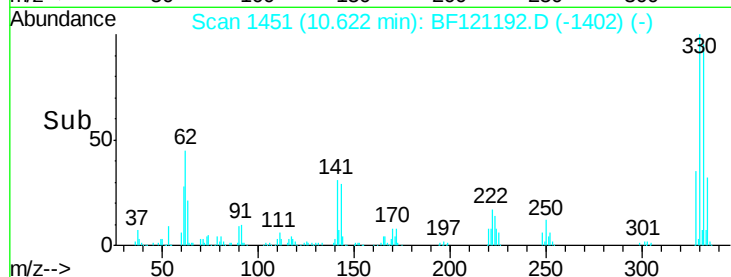
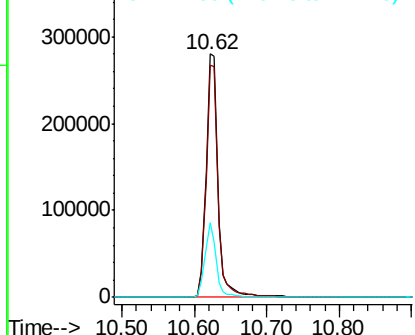
#42
 2,4,6-Tribromophenol
 Concen: 121.433 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-DARK-SOIL

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

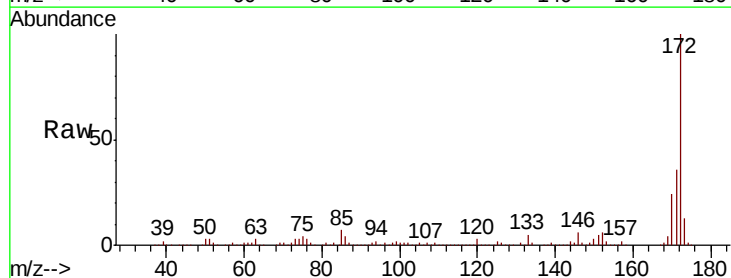


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

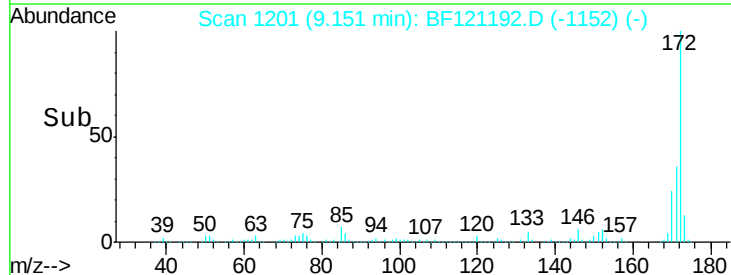
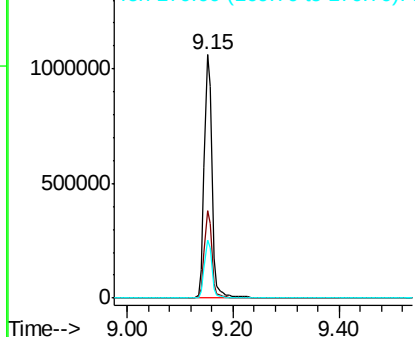


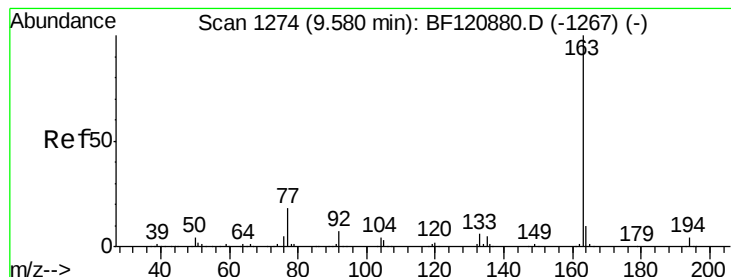
#45
 2-Fluorobiphenyl
 Concen: 66.430 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.0	19.6	29.4



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: 7.797 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF121192.D

Acq: 5 Aug 2020 14:15

Instrument :

BNA_F

ClientSampleId :

SP-1-DARK-SOIL

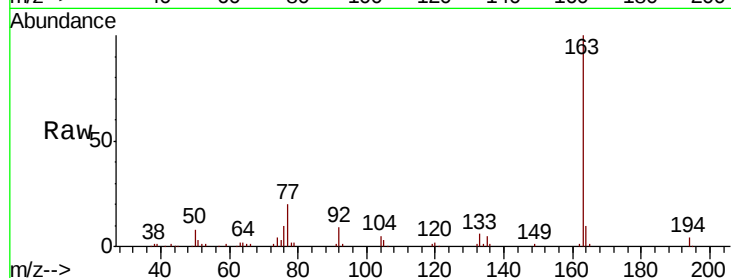
Tot Ion:163 Resp: 136542

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

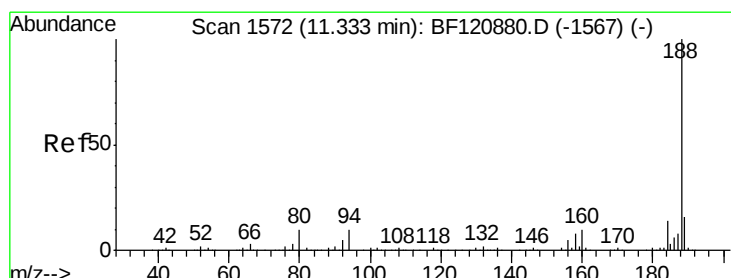
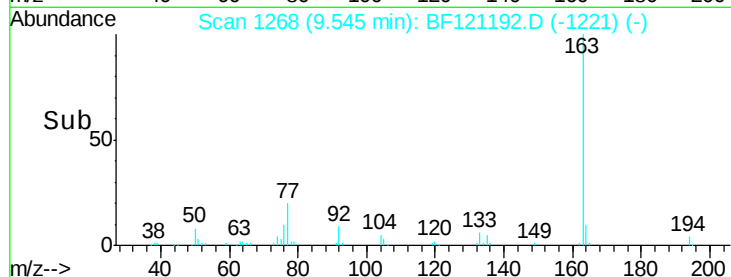
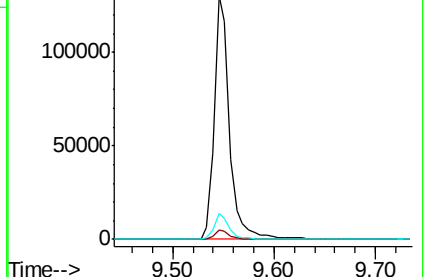
164 10.5 8.4 12.6



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121192.D

Acq: 5 Aug 2020 14:15

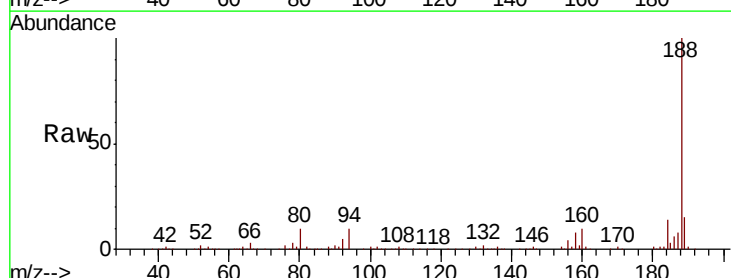
Tgt Ion:188 Resp: 489789

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

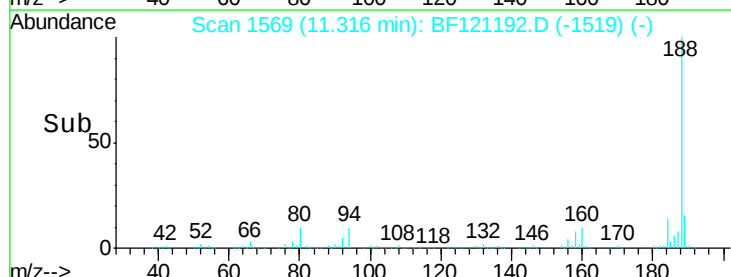
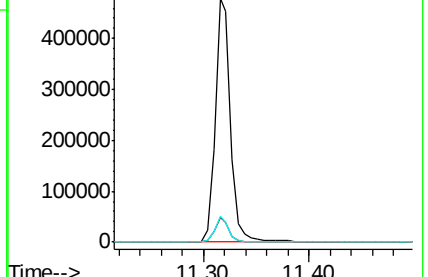
80 10.4 8.3 12.5

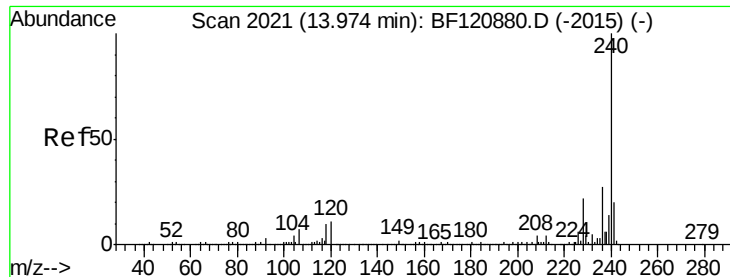


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

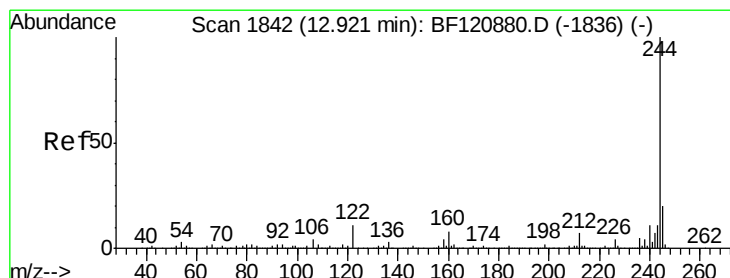
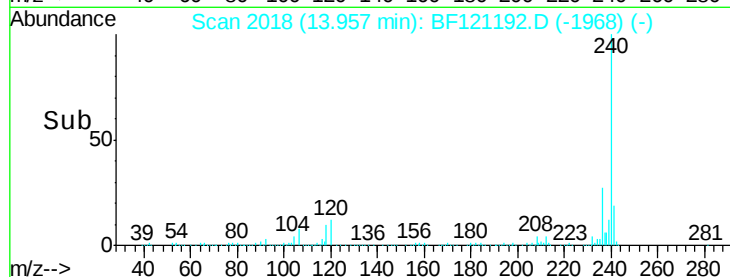
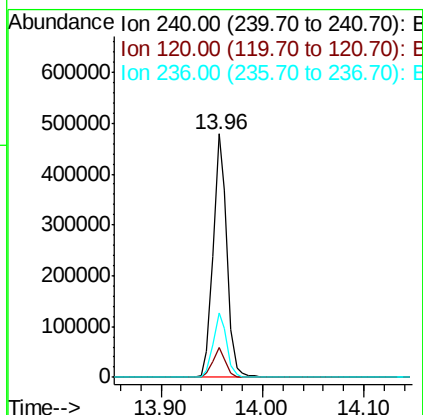
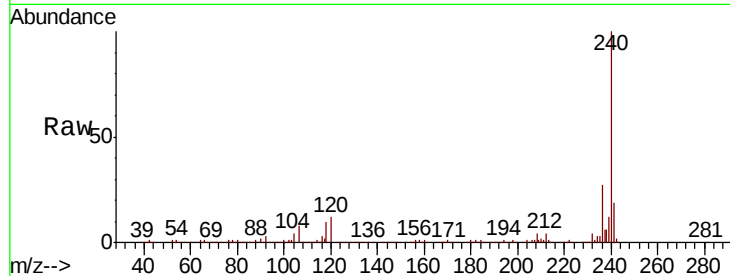




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

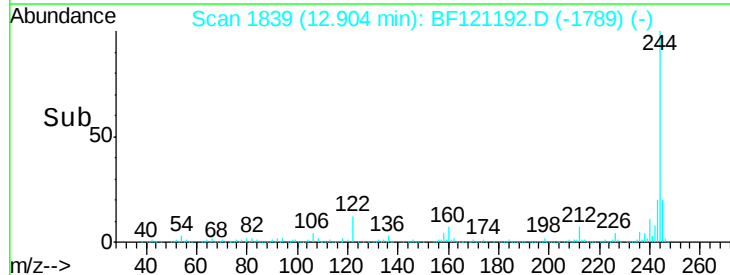
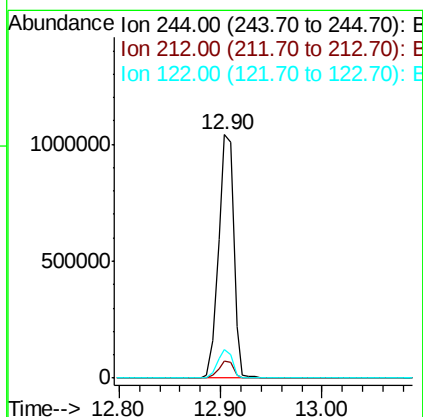
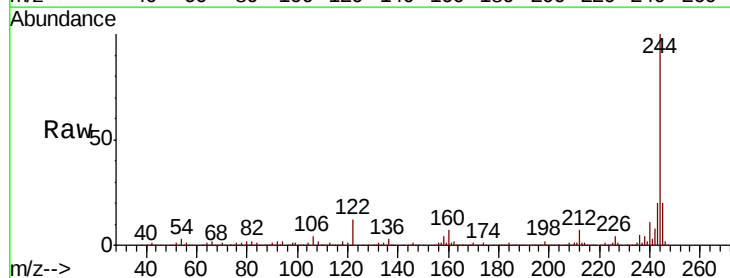
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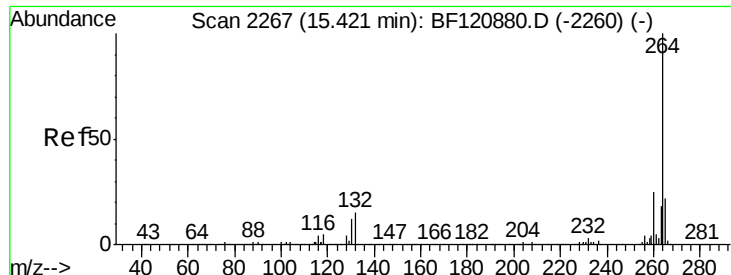
Tot Ion:240 Resp: 450869
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.3 13.9
 236 26.5 21.1 31.7



#79
 Terphenyl-d14
 Concen: 52.526 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

Tgt Ion:244 Resp: 1089458
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.6 8.3 12.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121192.D
 Acq: 5 Aug 2020 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-DARK-SOIL

Tot Ion:	264	Resp:	458856
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.9	17.8	26.8

