

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116177.D
 Acq On : 11 Aug 2019 5:51
 Operator : HP/JU
 Sample : K4165-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

Quant Time: Aug 12 04:39:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

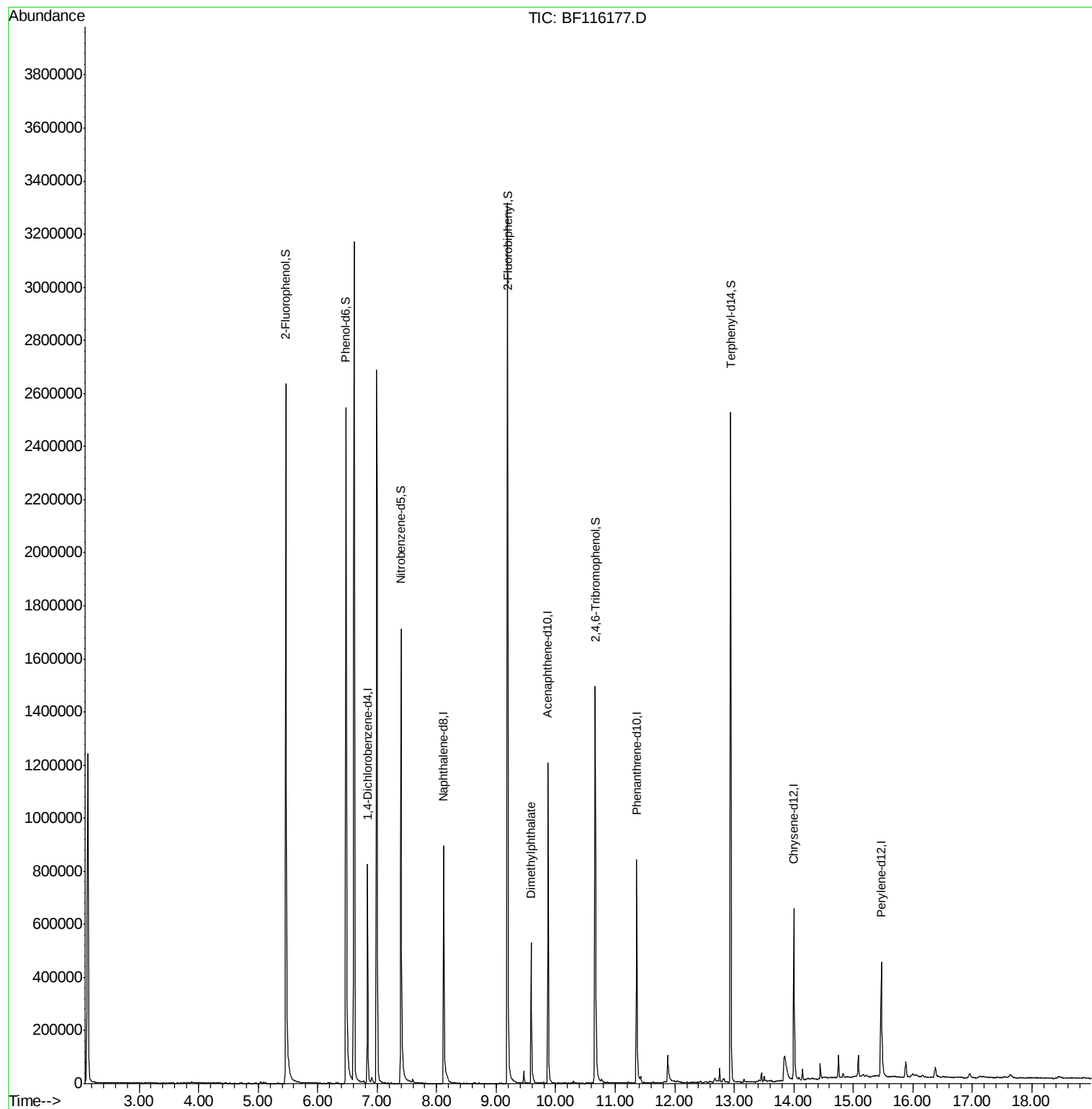
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	132239	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	507700	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	246959	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	370532	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	266183	20.00	ng	-0.01
87) Perylene-d12	15.47	264	249103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	882879	111.77	ng	0.00
7) Phenol-d6	6.47	99	1133946	113.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	732777	83.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	227668	95.09	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1151694	87.35	ng	-0.01
79) Terphenyl-d14	12.94	244	903438	71.52	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	282293	16.788	ng	Qvalue 99

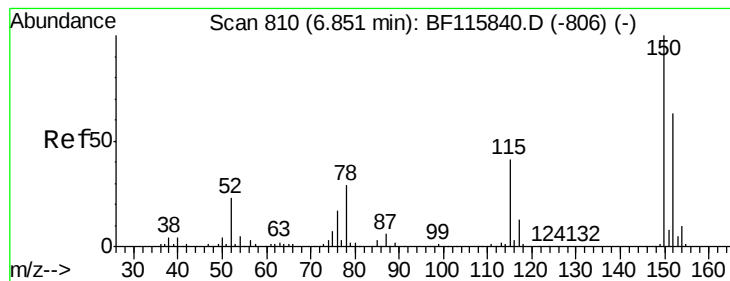
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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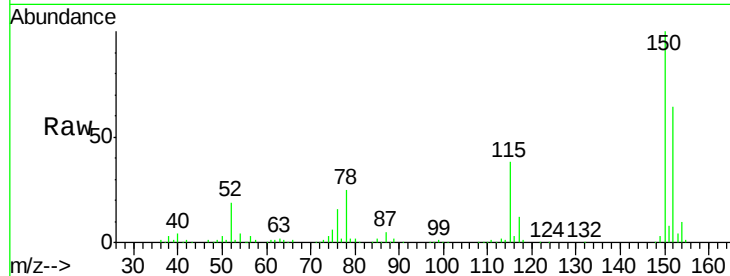


#1

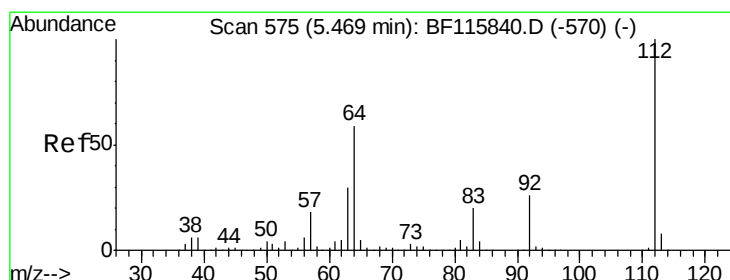
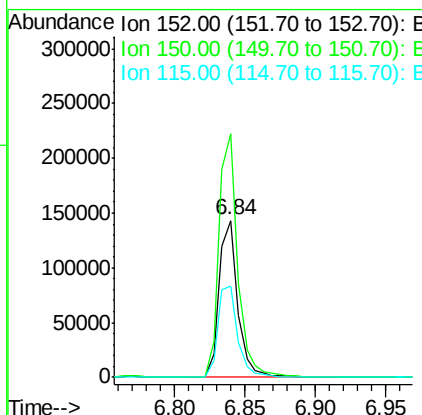
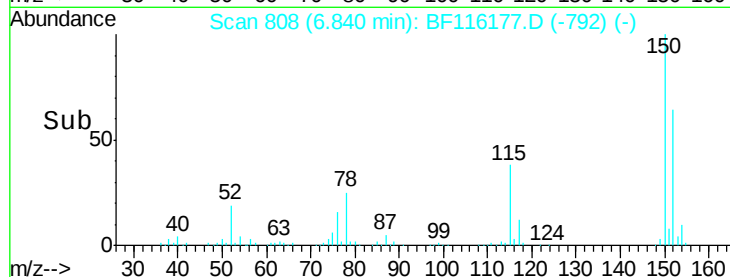
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOIL

Tot Ion:152 Resp: 132239
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 58.3 49.9 74.9



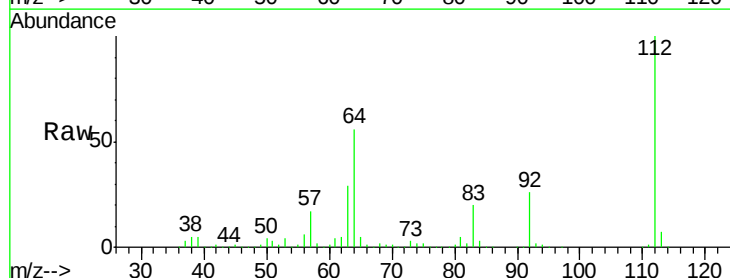
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



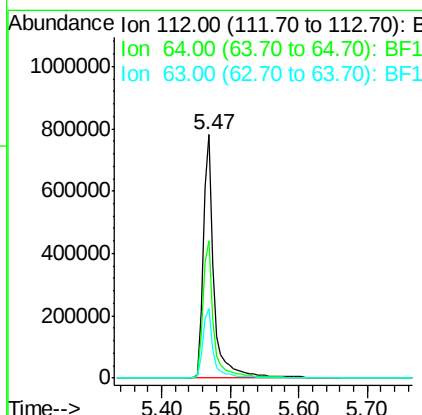
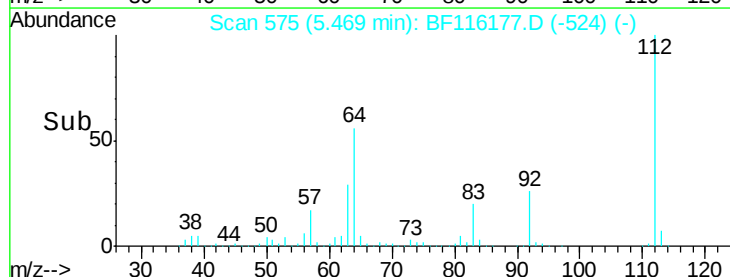
#5

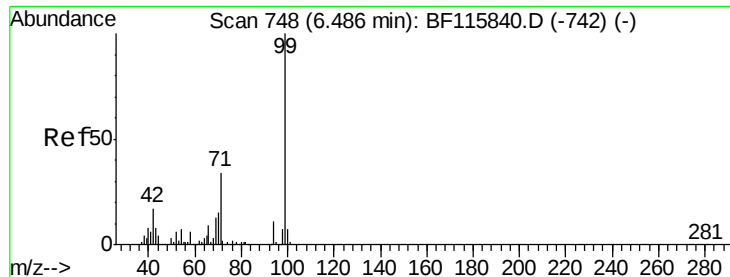
2-Fluorophenol
Concen: 111.767 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Tgt Ion:112 Resp: 882879
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.2
63 28.8 23.7 35.5



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: 113.777 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

ClientSampleId :

CP-MW2-N-12-16-SOIL

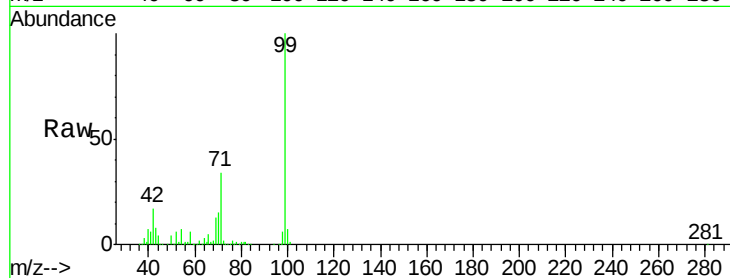
Tot Ion: 99 Resp: 1133946

Ion Ratio Lower Upper

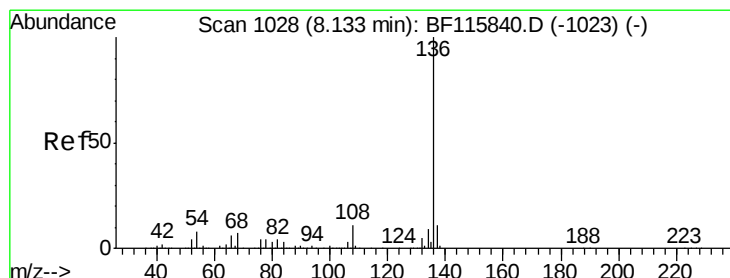
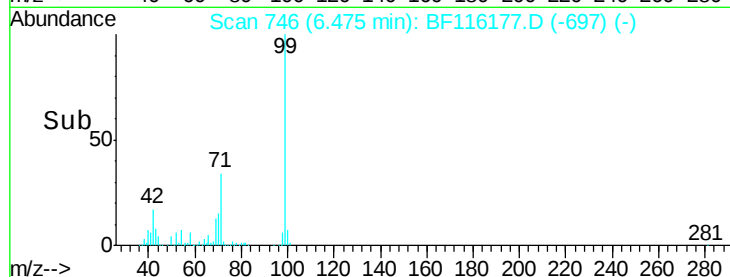
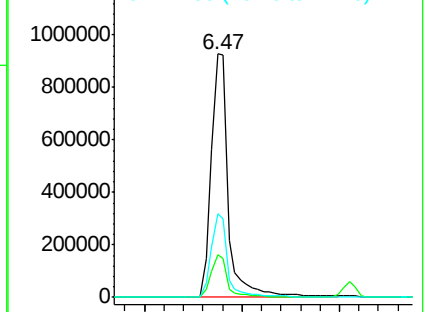
99 100

42 17.4 13.8 20.8

71 34.4 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Tgt Ion: 136 Resp: 507700

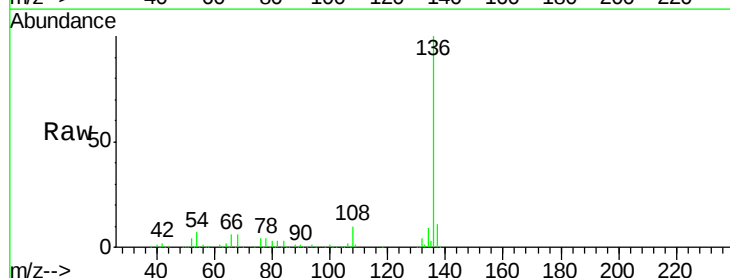
Ion Ratio Lower Upper

136 100

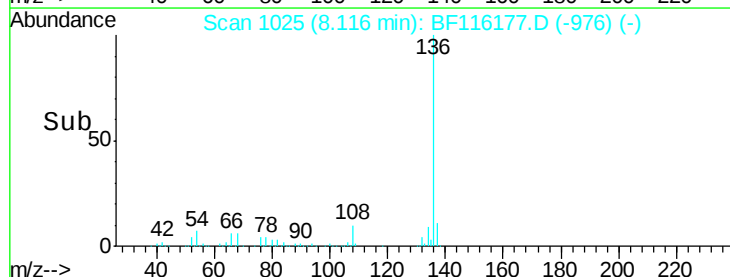
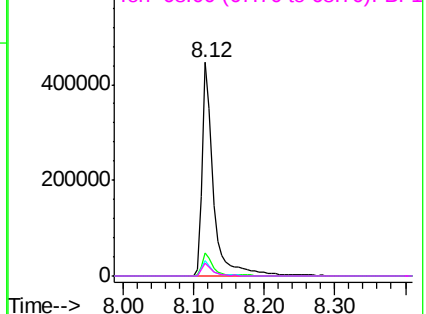
137 10.9 9.0 13.4

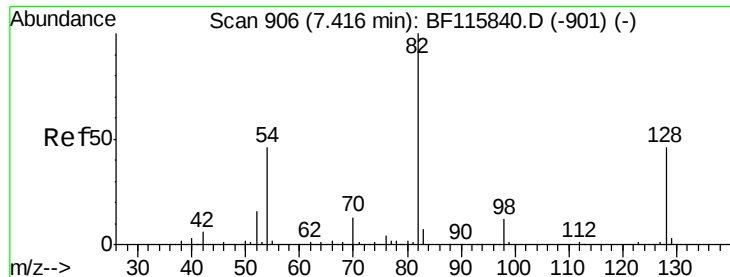
54 7.3 5.8 8.6

68 6.3 5.2 7.8



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

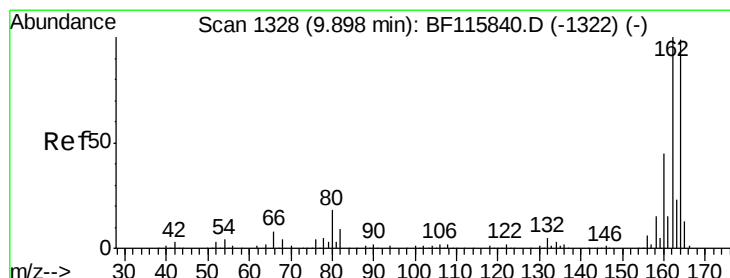
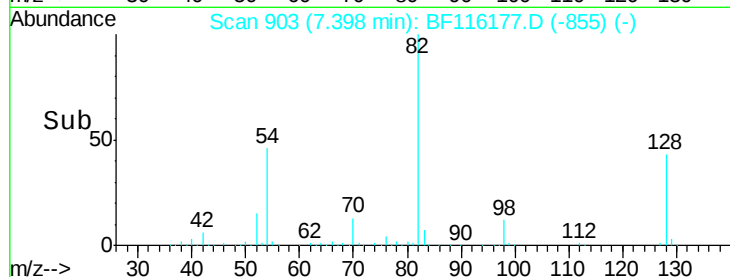
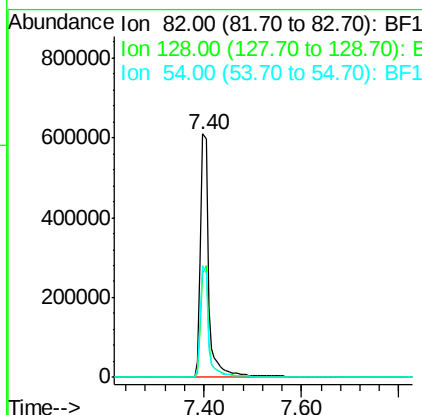
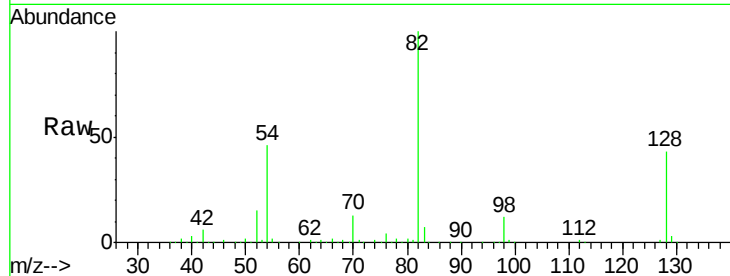




#23
 Nitrobenzene-d5
 Concen: 83.313 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

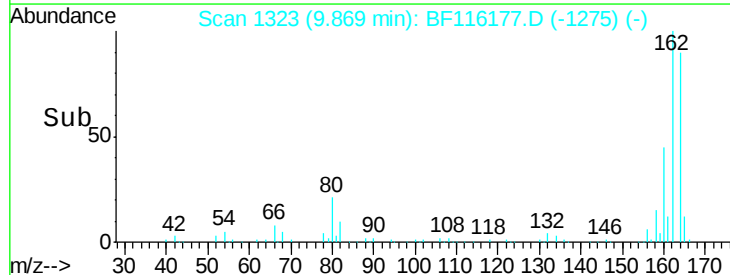
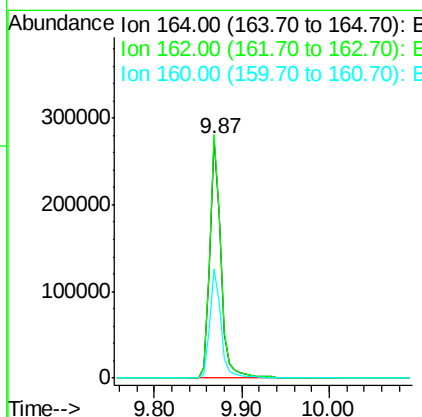
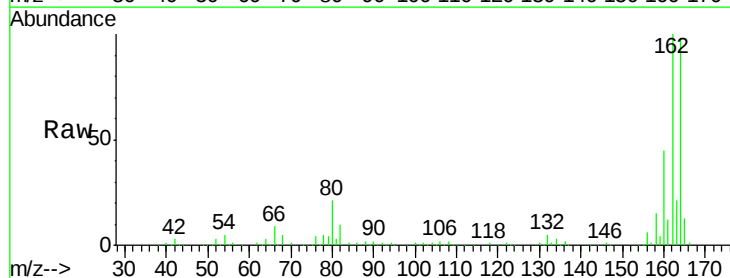
Instrument :
 BNA_F
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

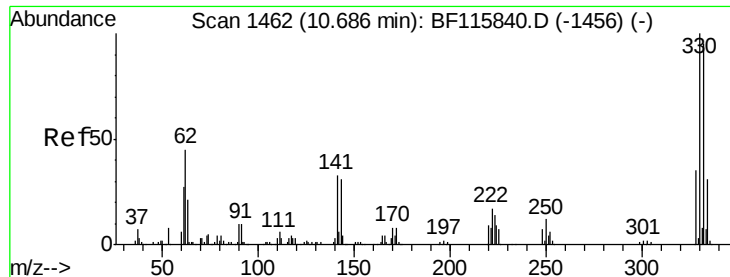
Tot Ion	82	Resp	732777
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	45.7	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

Tgt Ion	164	Resp	246959
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.6</td> <td></td> <td></td>	82.6		
Upper <td>124.0</td> <td></td> <td></td>	124.0		
162	101.9	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 95.086 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

ClientSampleId :

CP-MW2-N-12-16-SOIL

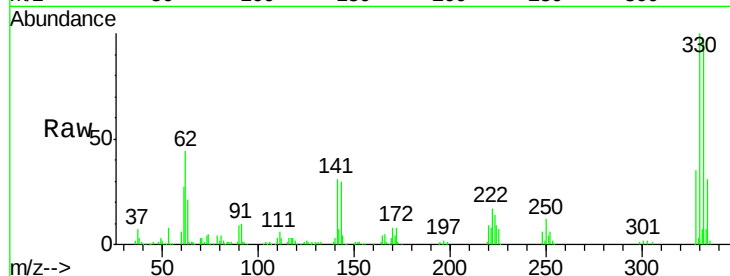
Tot Ion:330 Resp: 227668

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

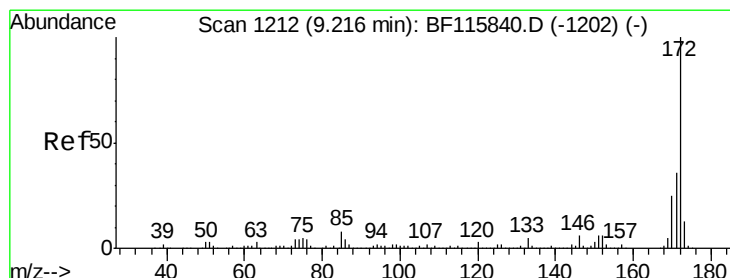
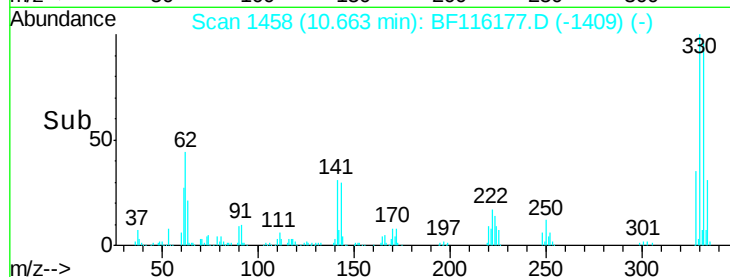
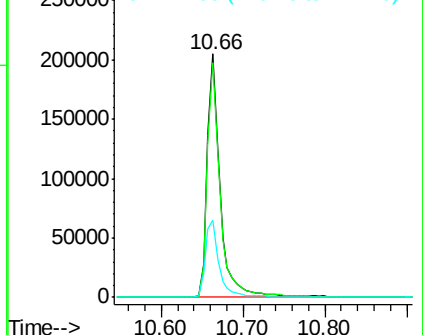
141 34.4 26.3 39.5



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: 87.351 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

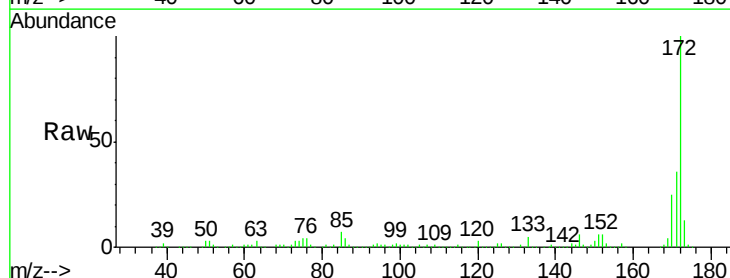
Tgt Ion:172 Resp: 1151694

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

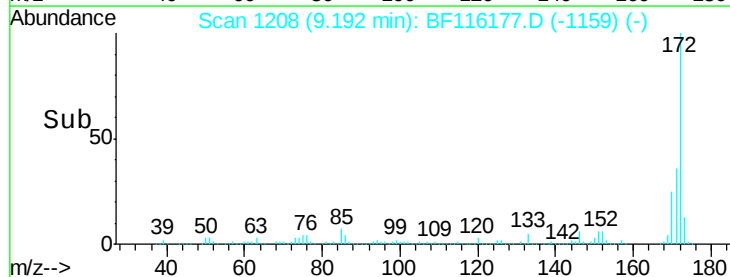
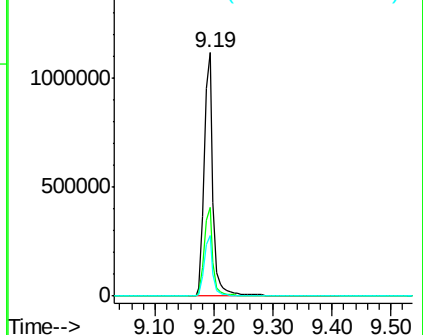
170 25.1 20.1 30.1

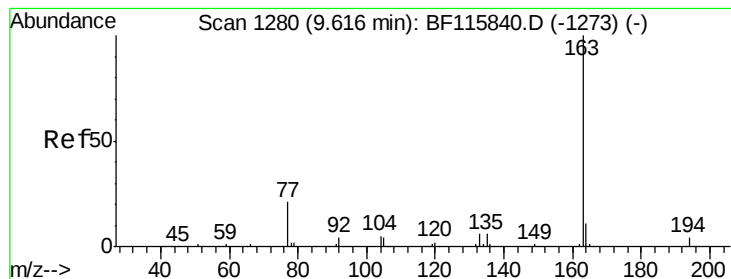


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.788 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

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CP-MW2-N-12-16-SOIL

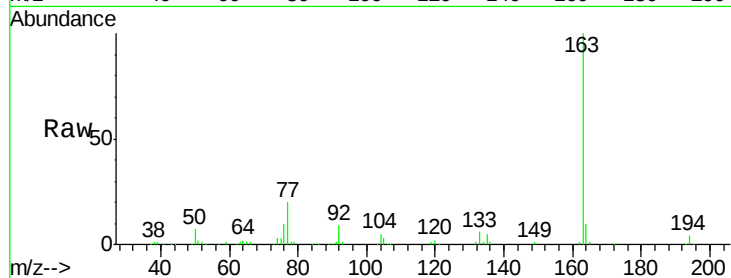
Tot Ion:163 Resp: 282293

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

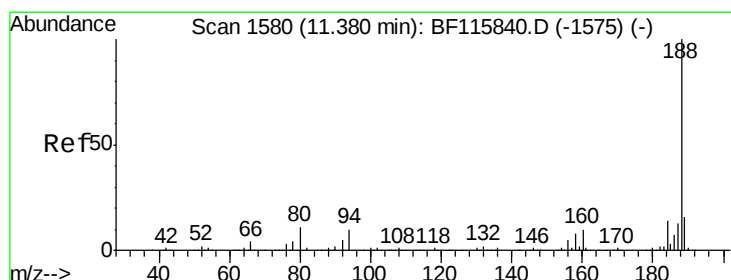
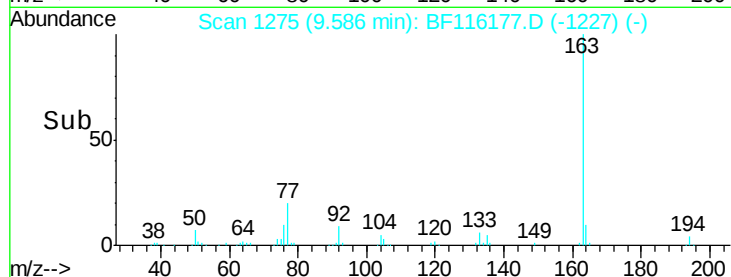
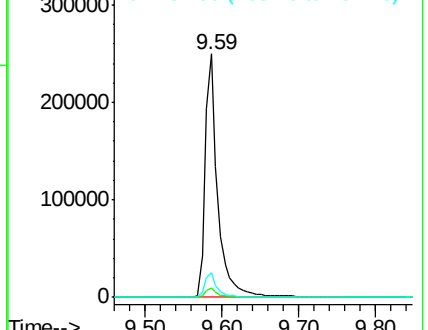
164 10.0 8.4 12.6



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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

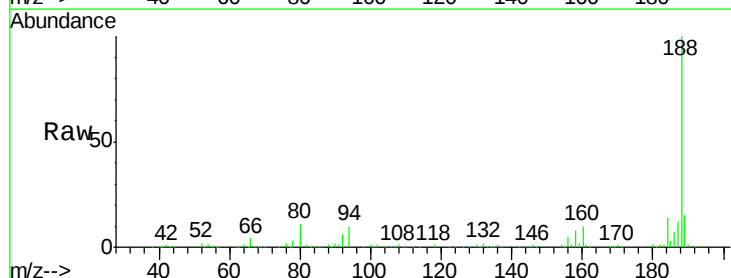
Tgt Ion:188 Resp: 370532

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

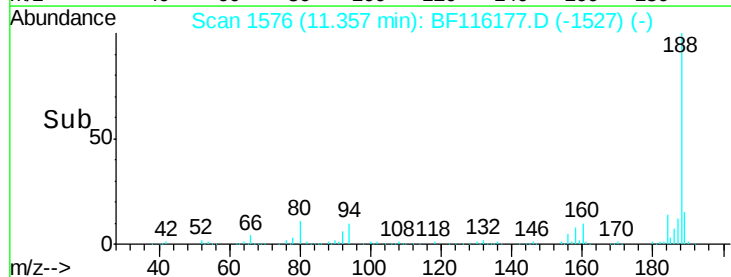
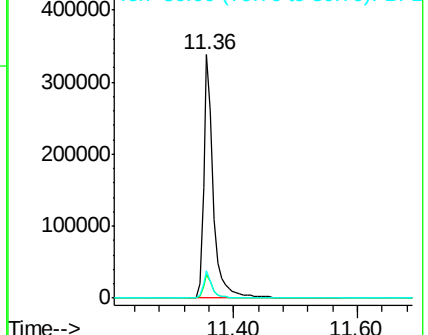
80 11.4 8.7 13.1

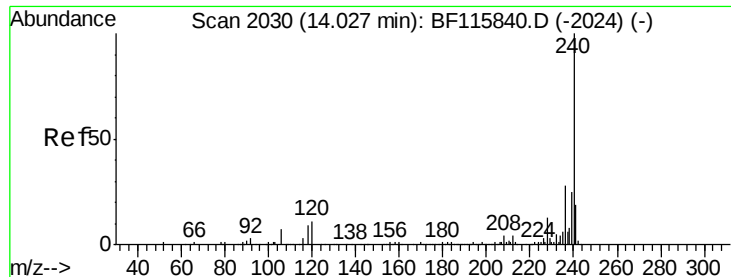


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

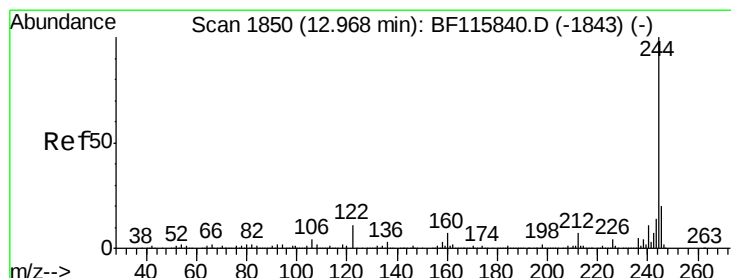
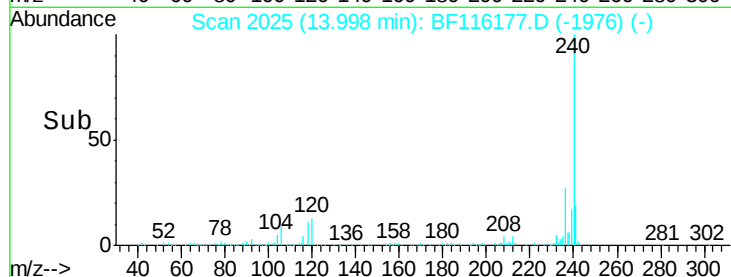
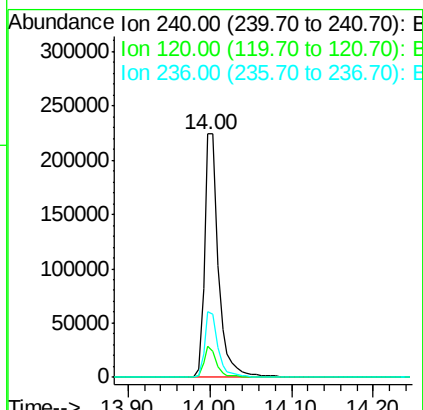
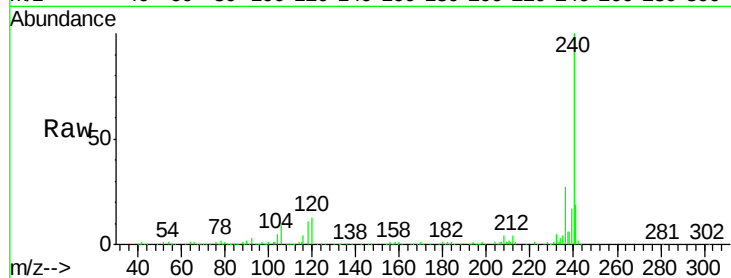




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

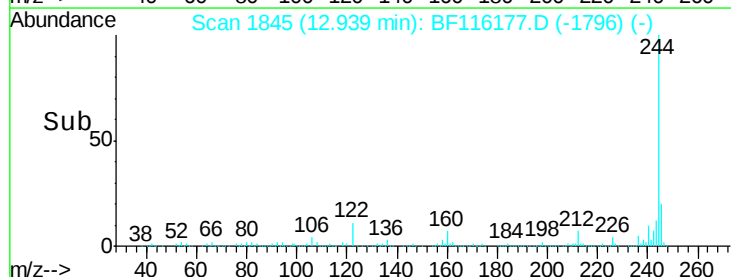
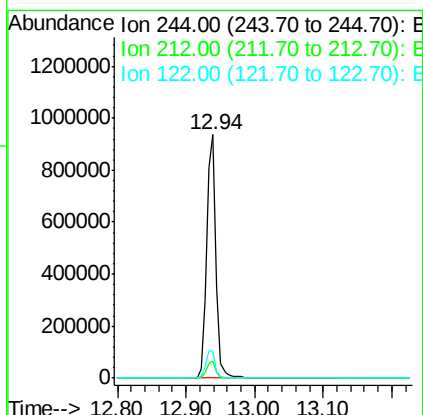
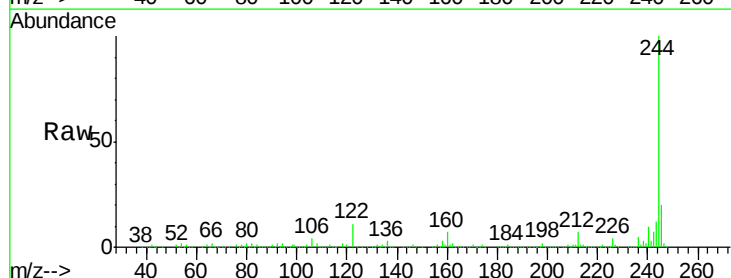
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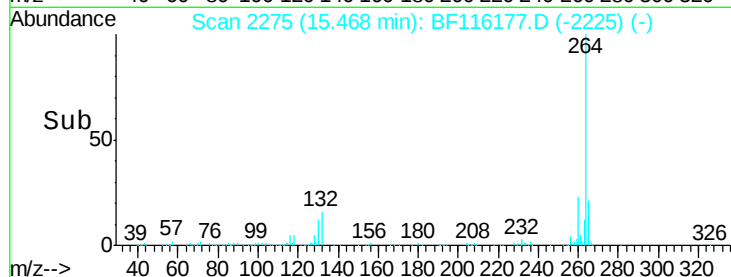
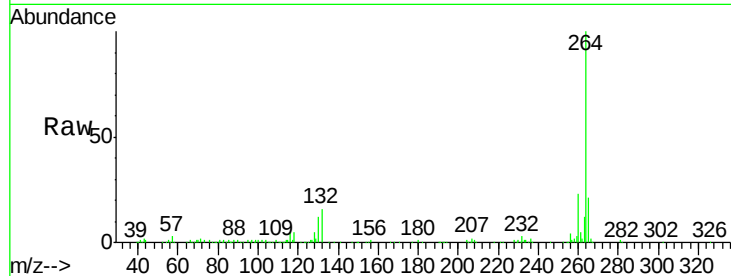
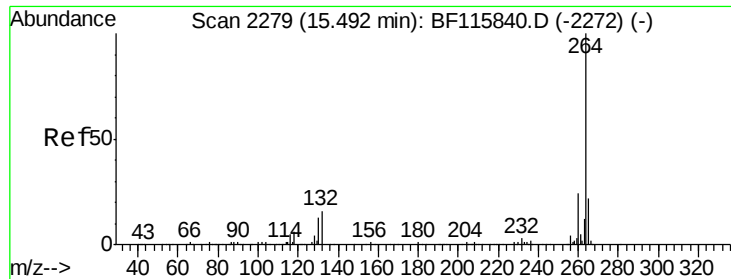
Tot Ion:240 Resp: 266183
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 27.0 22.2 33.2



#79
Terphenyl-d14
Concen: 71.518 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Tgt Ion:244 Resp: 903438
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.1 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.3	17.4	26.0

