

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116174.D
 Acq On : 11 Aug 2019 4:31
 Operator : HP/JU
 Sample : K4165-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

Quant Time: Aug 12 04:33:02 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

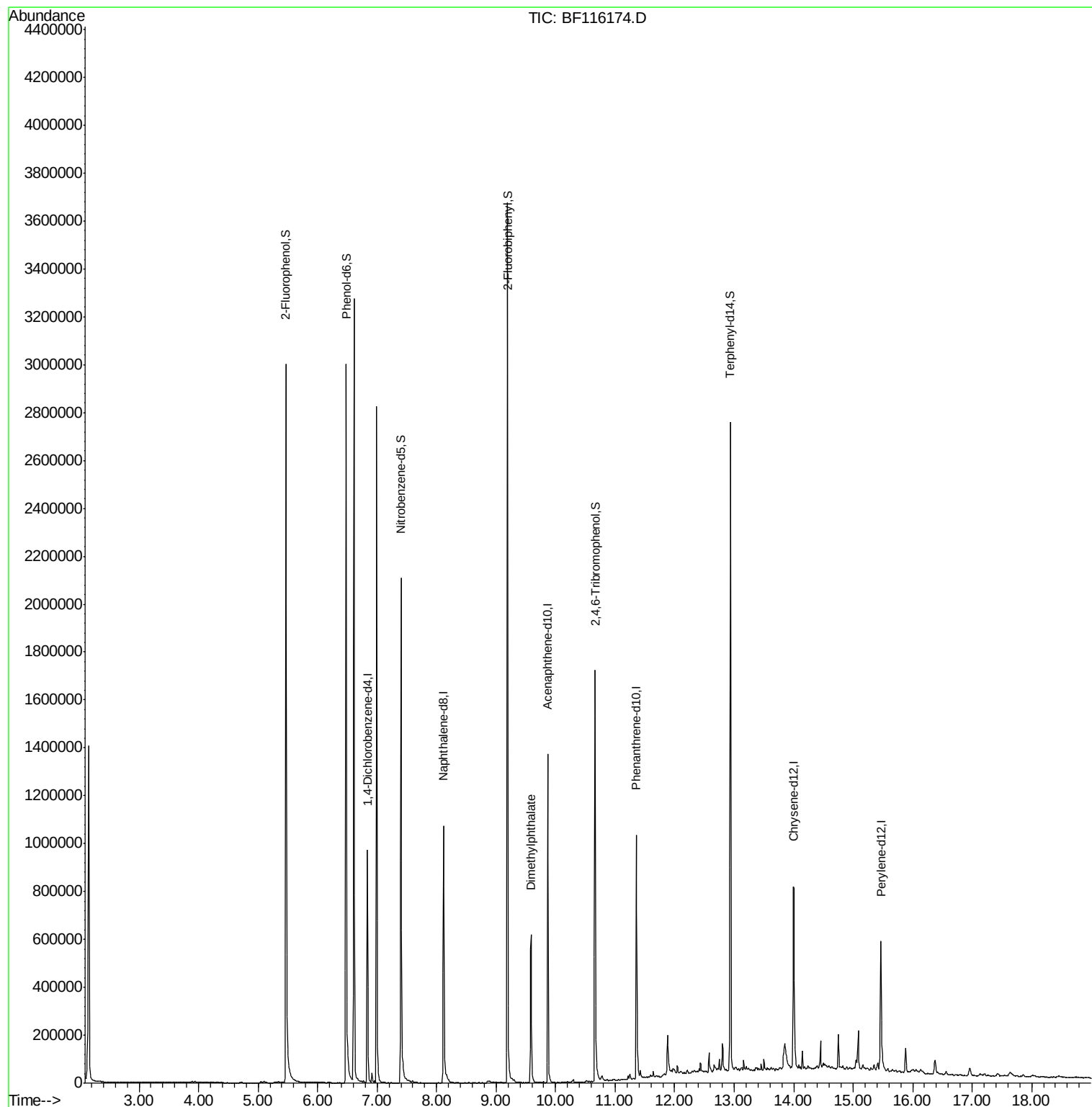
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154235	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	583981	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	277680	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	406747	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	290453	20.00	ng	0.00
87) Perylene-d12	15.47	264	270574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	977490	106.10	ng	0.00
7) Phenol-d6	6.48	99	1264992	108.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	830833	82.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	258550	96.04	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1236193	83.39	ng	-0.01
79) Terphenyl-d14	12.94	244	930348	67.49	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	303701	16.063	ng	Qvalue 99

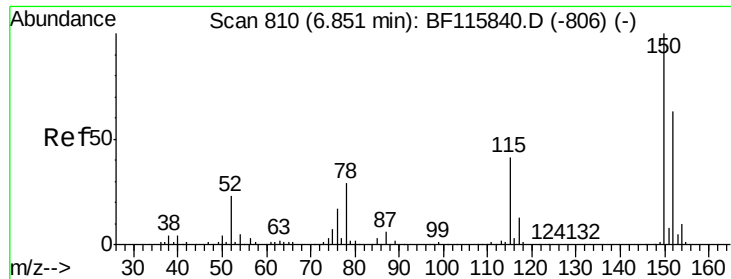
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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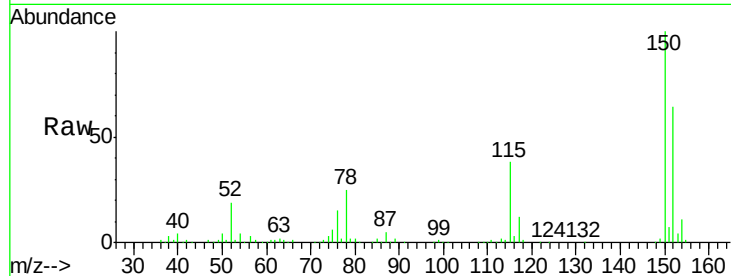


#1

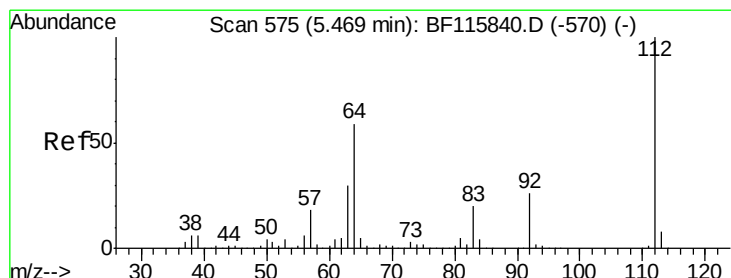
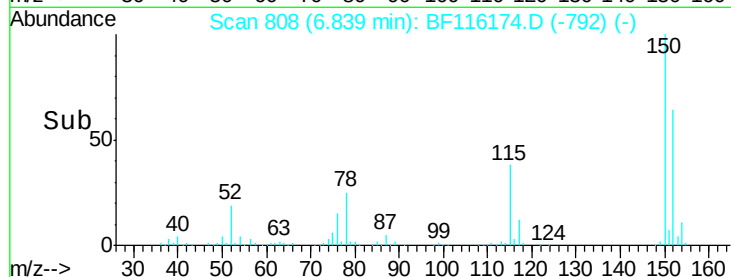
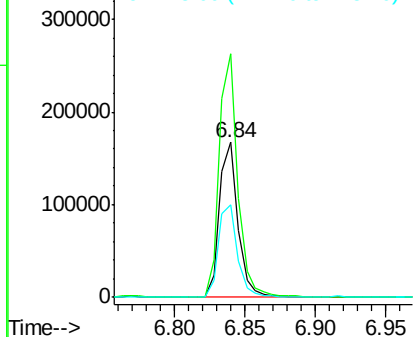
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Instrument :
BNA_F
ClientSampleId :
CP-MW3-S-8-12-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	59.7	49.9	74.9



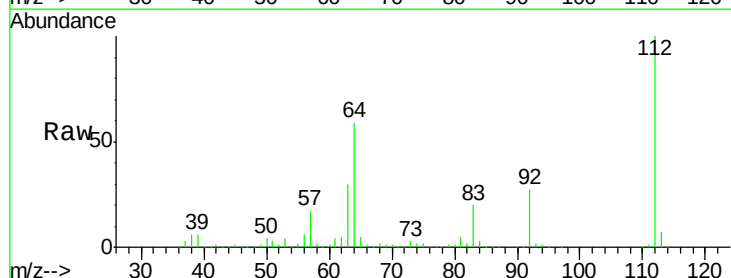
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



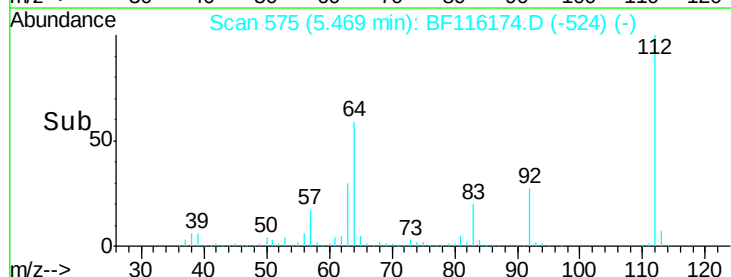
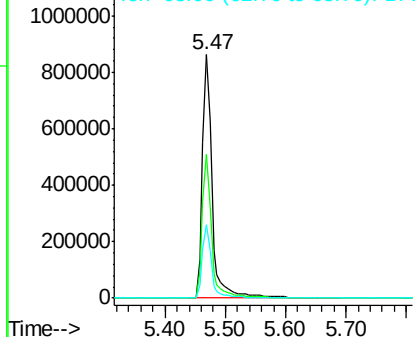
#5

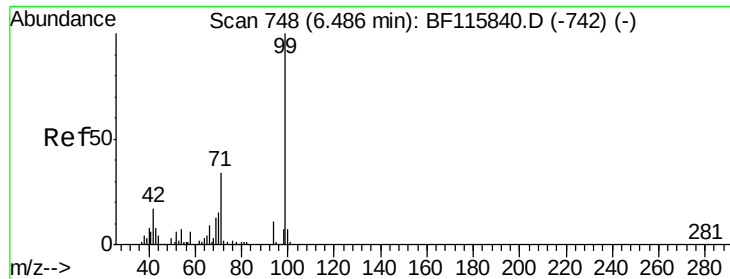
2-Fluorophenol
Concen: 106.096 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.2
63	30.2	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: 108.825 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Instrument :

BNA_F

ClientSampleId :

CP-MW3-S-8-12-SOIL

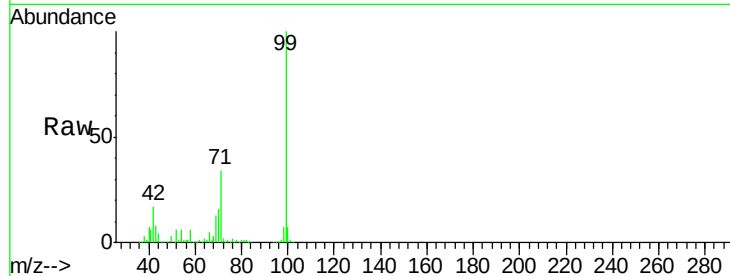
Tot Ion: 99 Resp: 1264992

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	34.0	27.3	40.9

99 100

42 16.5 13.8 20.8

71 34.0 27.3 40.9

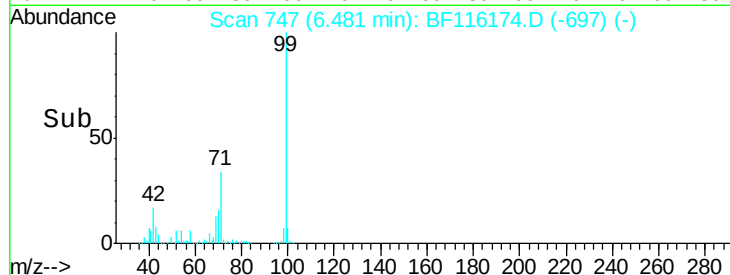
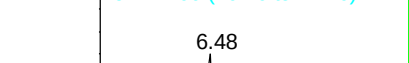


Abundance

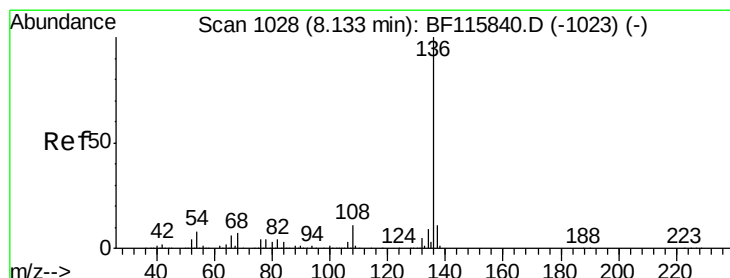
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Tgt Ion: 136 Resp: 583981

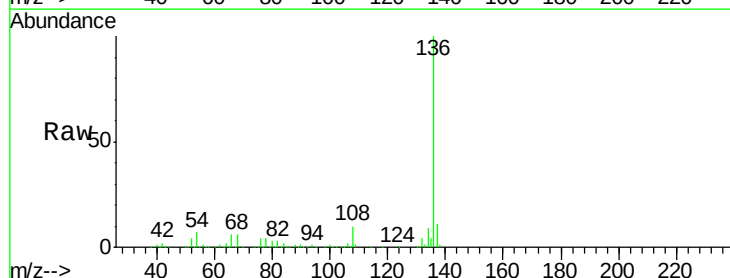
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.4	5.8	8.6
68	6.3	5.2	7.8

136 100

137 11.2 9.0 13.4

54 7.4 5.8 8.6

68 6.3 5.2 7.8



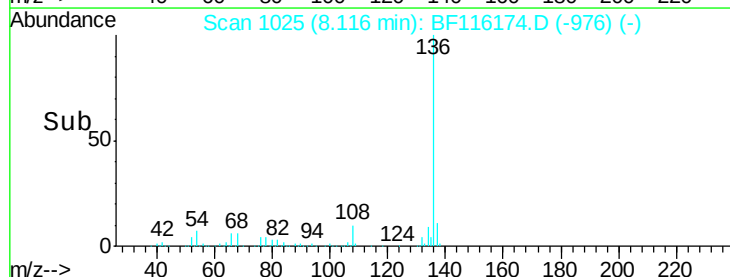
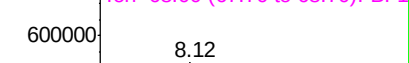
Abundance

Ion 136.00 (135.70 to 136.70): BF1

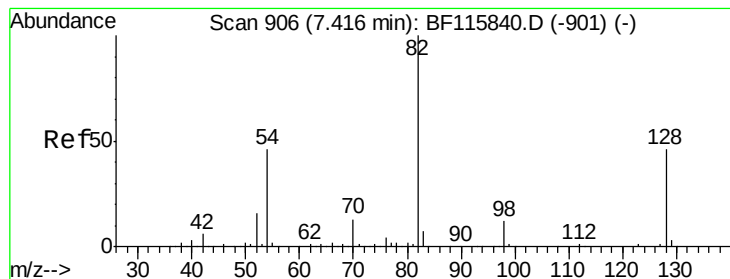
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 82.123 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Instrument :

BNA_F

ClientSampleId :

CP-MW3-S-8-12-SOIL

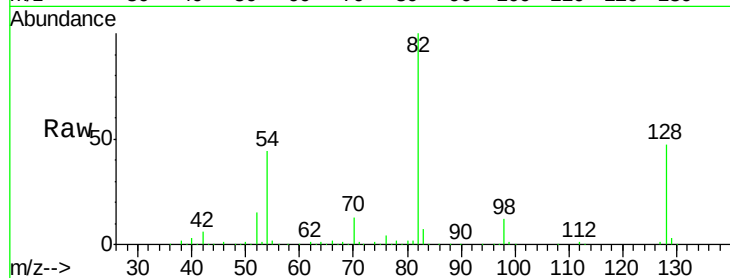
Tot Ion: 82 Resp: 830833

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

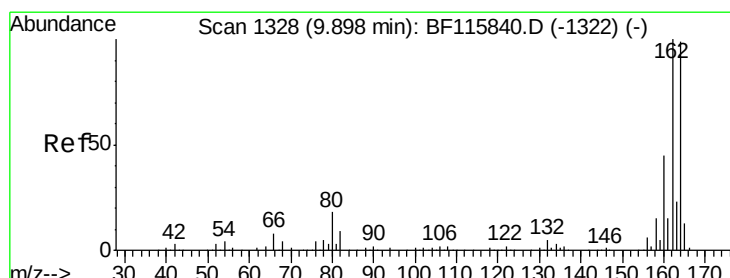
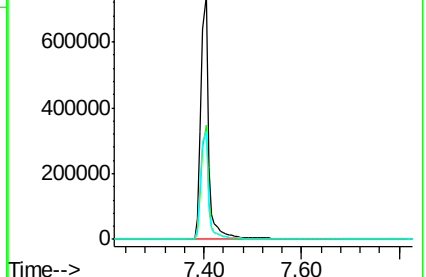
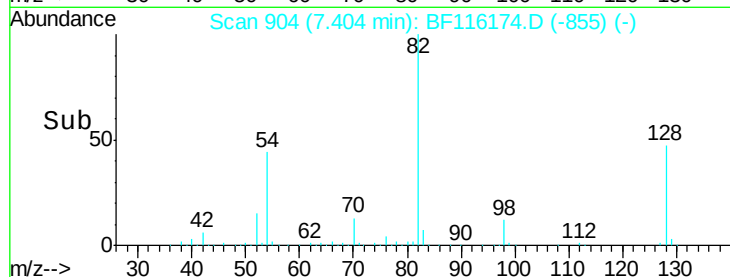
54 44.3 36.0 54.0



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

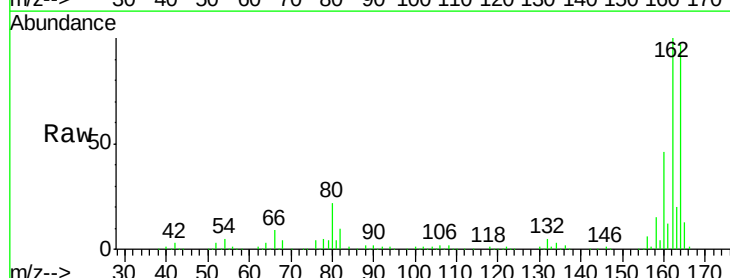
Tgt Ion: 164 Resp: 277680

Ion Ratio Lower Upper

164 100

162 102.8 82.6 124.0

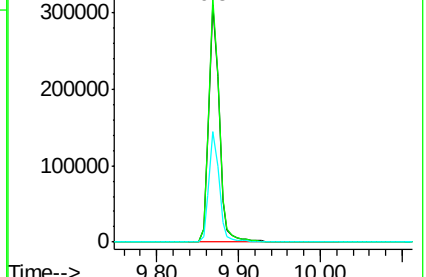
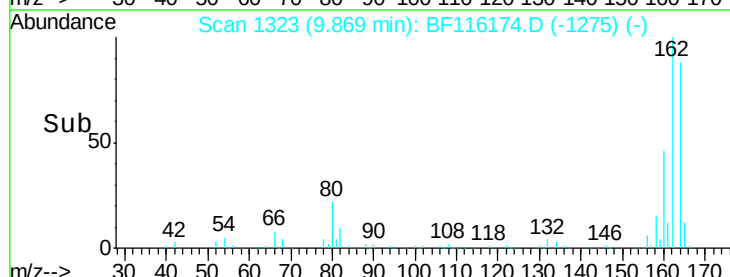
160 46.8 37.6 56.4

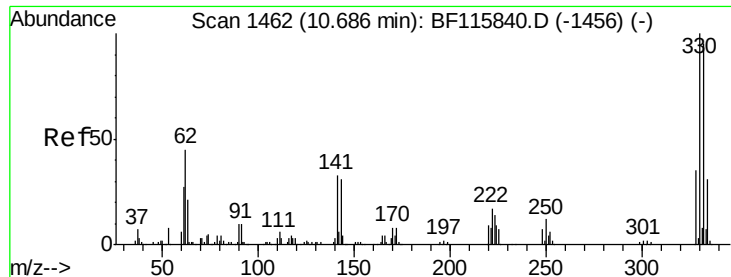


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 96.037 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

Instrument :

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ClientSampleId :

CP-MW3-S-8-12-SOIL

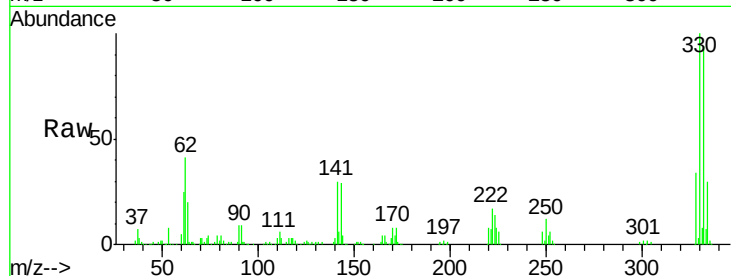
Tot Ion:330 Resp: 258550

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

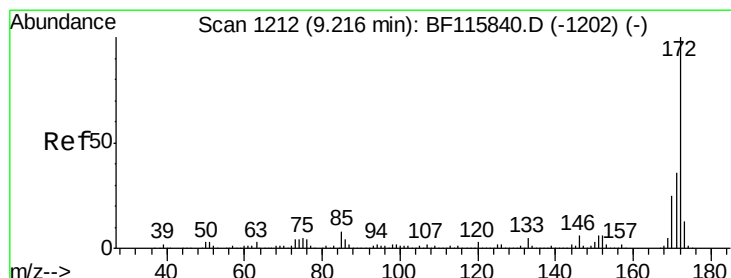
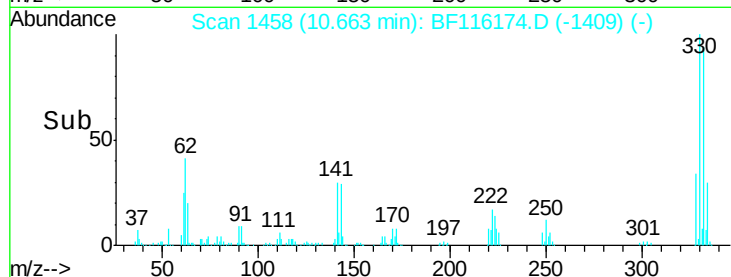
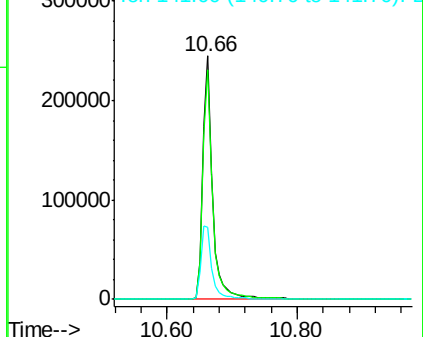
141 34.0 26.3 39.5



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: 83.387 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116174.D

Acq: 11 Aug 2019 4:31

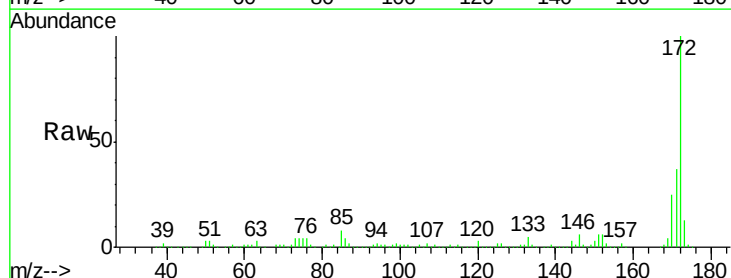
Tgt Ion:172 Resp: 1236193

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

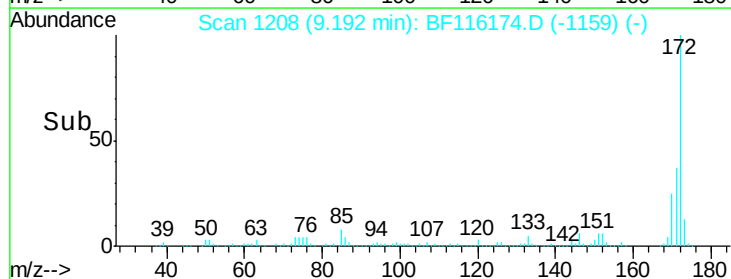
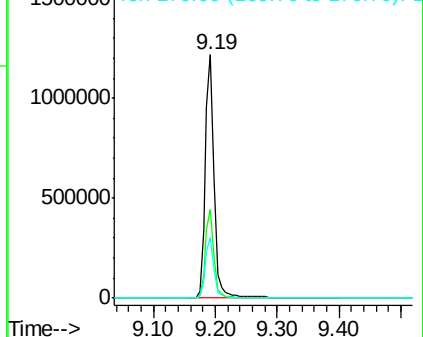
170 24.9 20.1 30.1

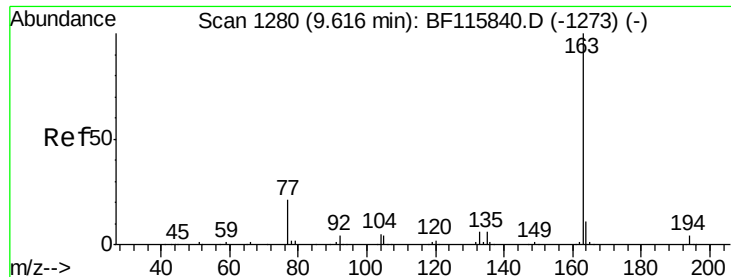


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

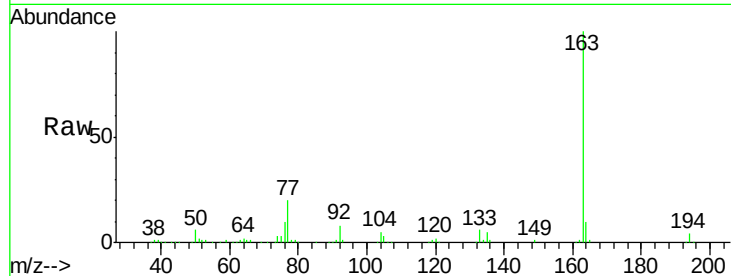




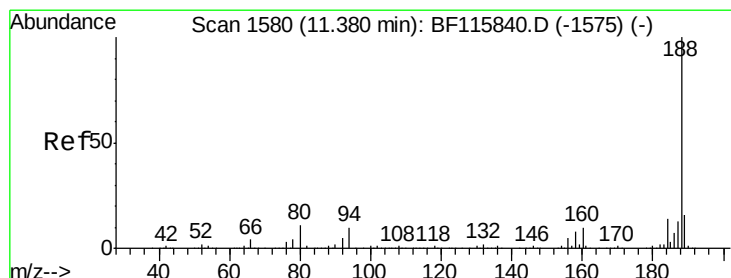
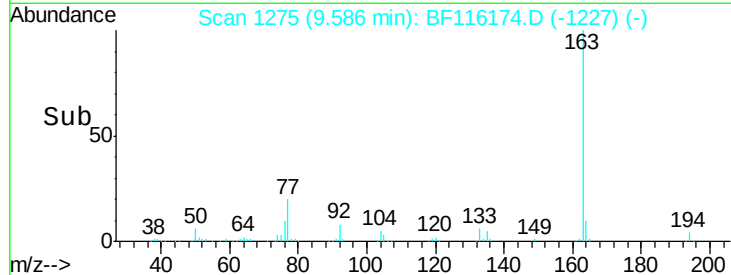
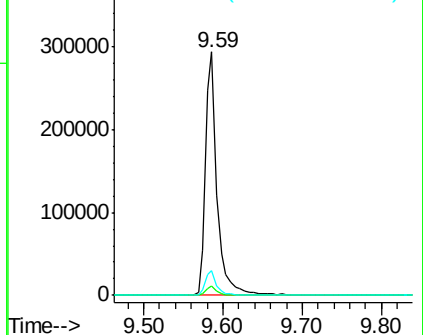
#50
Dimethylphthalate
Concen: 16.063 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Instrument :
BNA_F
ClientSampleId :
CP-MW3-S-8-12-SOIL

Tot Ion:163 Resp: 303701
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.4 12.6

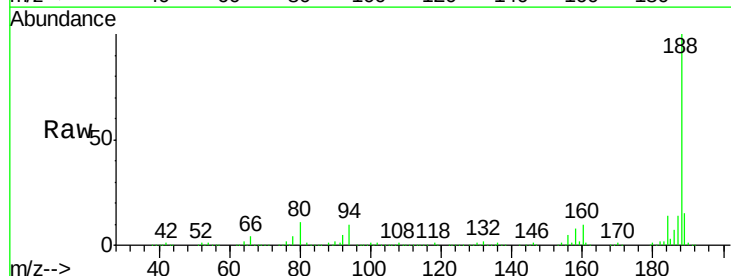


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

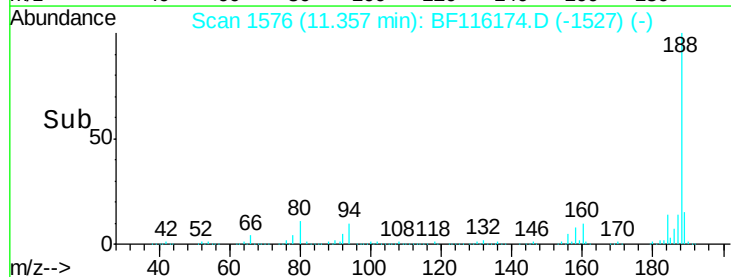
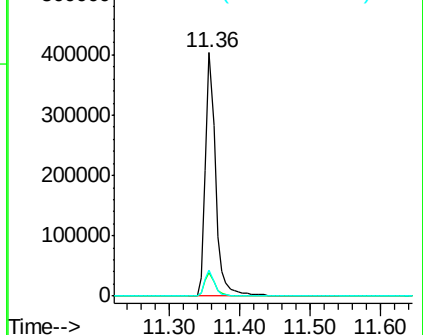


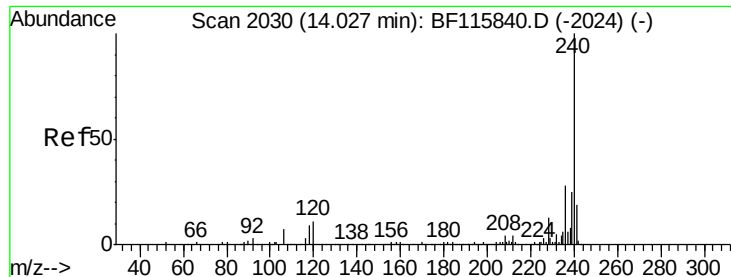
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116174.D
Acq: 11 Aug 2019 4:31

Tgt Ion:188 Resp: 406747
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.9 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

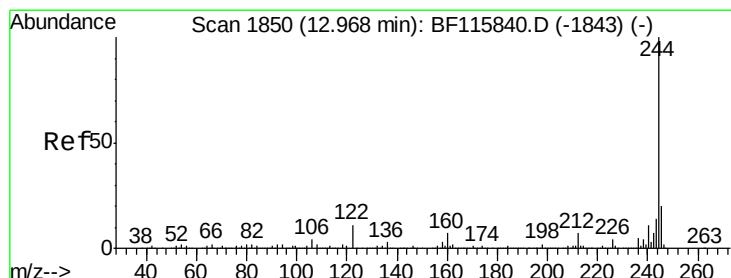
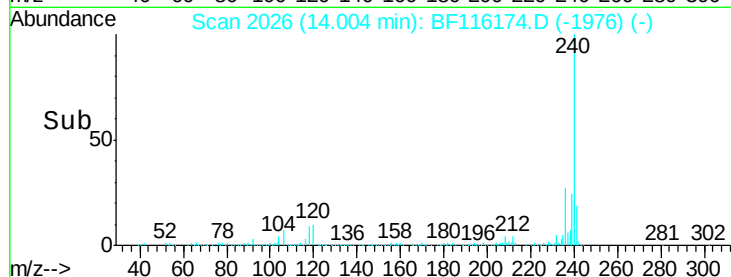
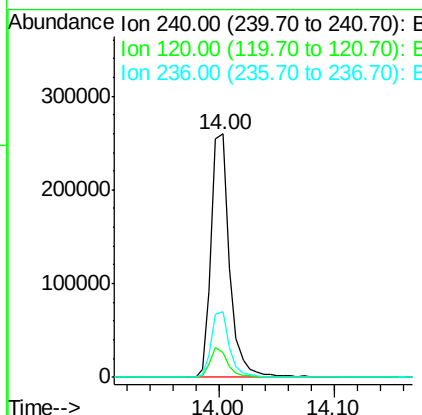
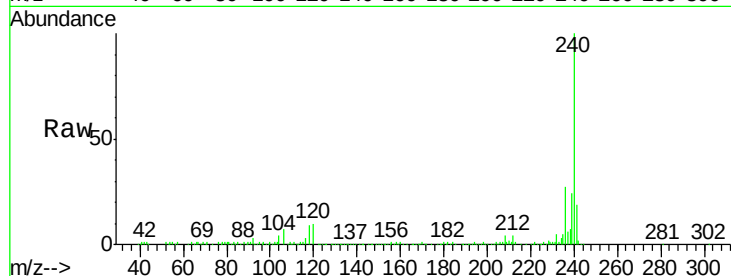




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116174.D
 Acq: 11 Aug 2019 4:31

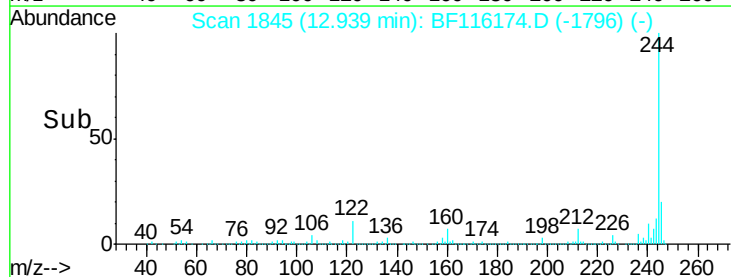
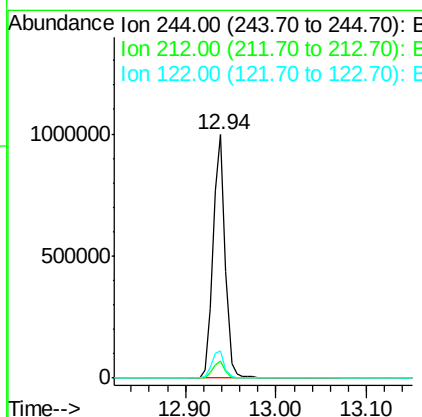
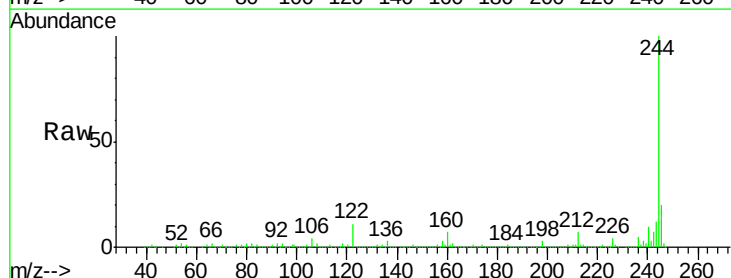
Instrument :
 BNA_F
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 CP-MW3-S-8-12-SOIL

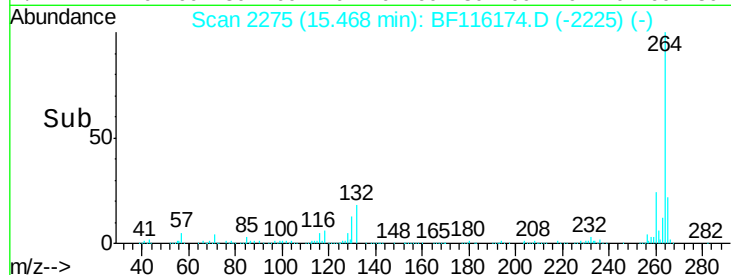
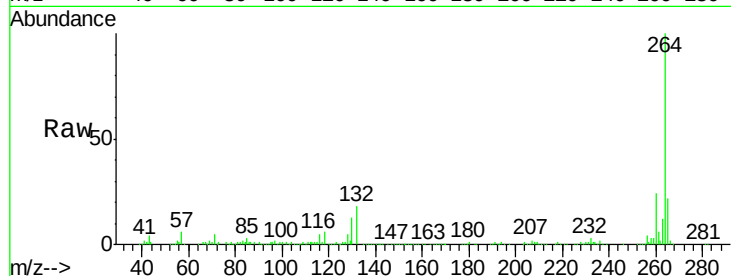
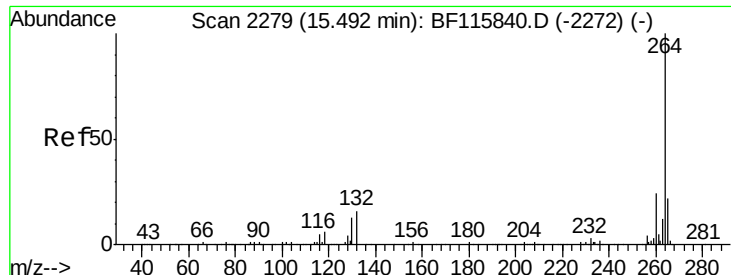
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.7	16.1#
236	27.1	22.2	33.2



#79
 Terphenyl-d14
 Concen: 67.494 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116174.D
 Acq: 11 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.4	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: BF116174.D
 Acq: 11 Aug 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

Tot Ion:264	Resp:	270574
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.7 29.5
265	21.7	17.4 26.0

