

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116168.D
 Acq On : 11 Aug 2019 1:49
 Operator : HP/JU
 Sample : K4284-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: Aug 12 03:55:41 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

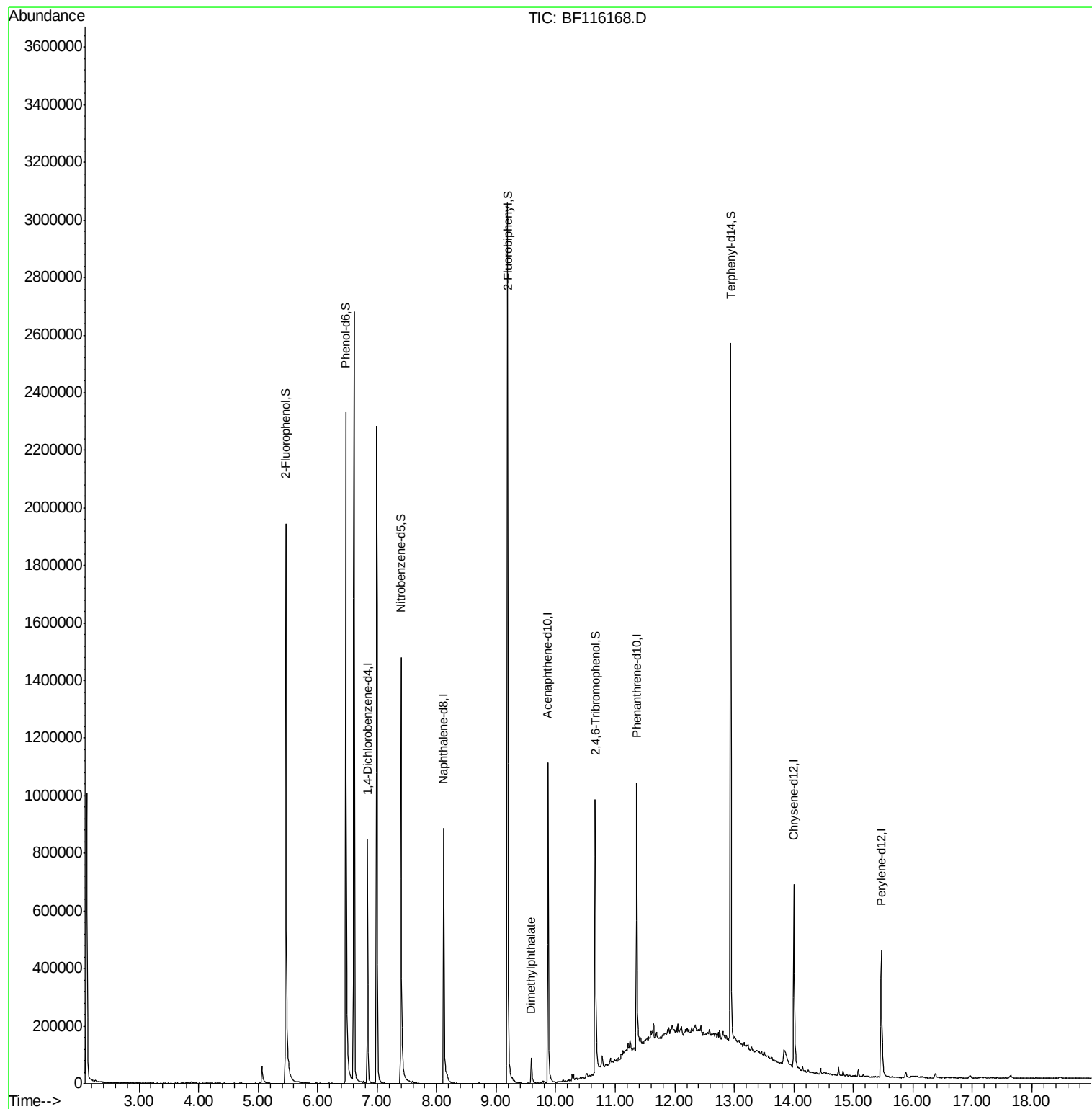
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135925	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	521203	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	254831	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	381746	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	268477	20.00	ng	0.00
87) Perylene-d12	15.47	264	257473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	670039	82.52	ng	0.00
7) Phenol-d6	6.47	99	909327	88.77	ng	-0.01
23) Nitrobenzene-d5	7.40	82	583868	64.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	148780	60.22	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1051378	77.28	ng	-0.01
79) Terphenyl-d14	12.94	244	843764	66.22	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	59407	3.424	ng	Qvalue 99

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

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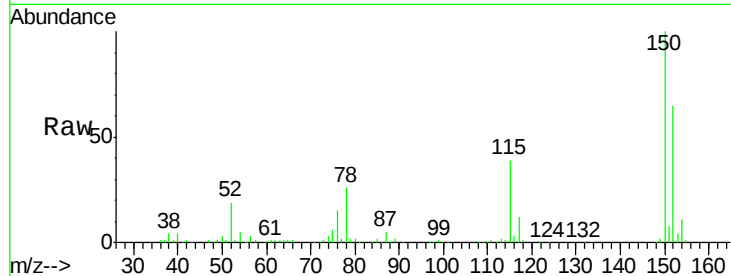


#1

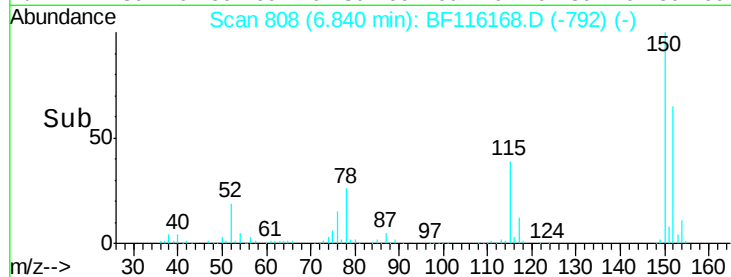
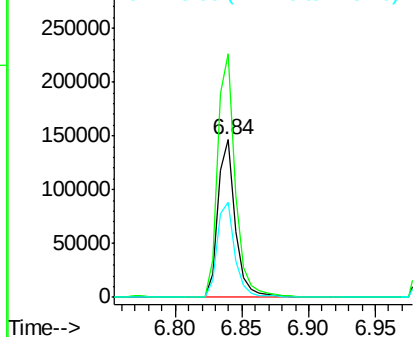
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116168.D
Acq: 11 Aug 2019 1:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Tot Ion:152 Resp: 135925
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 60.6 49.9 74.9



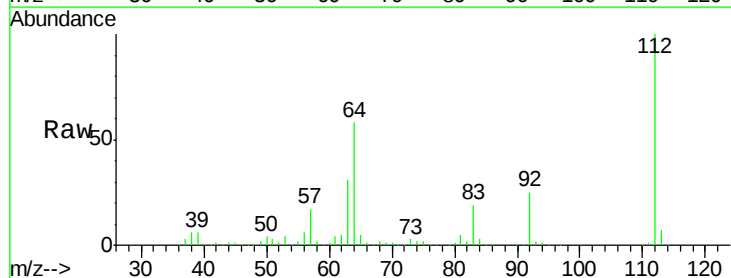
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



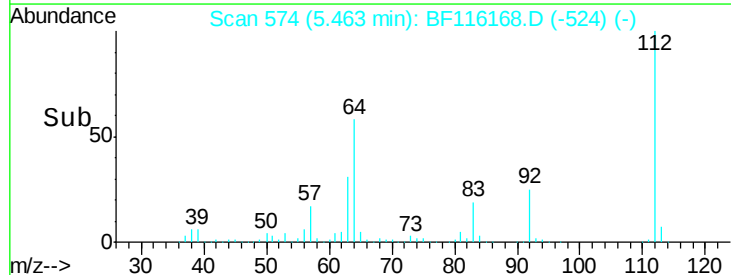
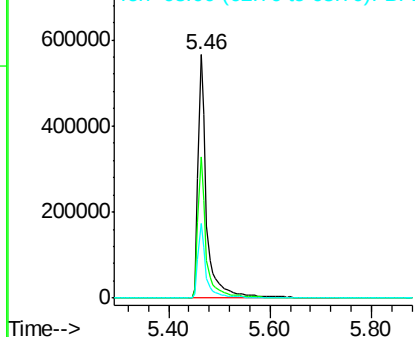
#5

2-Fluorophenol
Concen: 82.522 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116168.D
Acq: 11 Aug 2019 1:49

Tgt Ion:112 Resp: 670039
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.2
63 30.8 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: 88.766 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116168.D

Acq: 11 Aug 2019 1:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

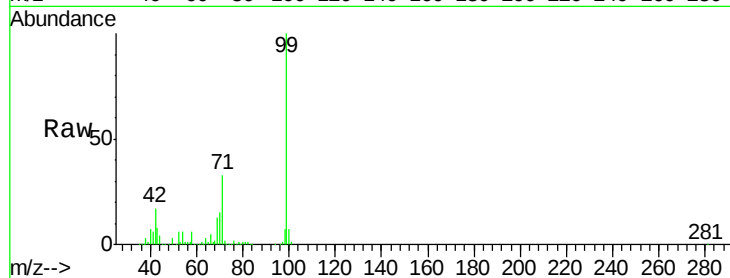
Tot Ion: 99 Resp: 909327

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	33.5	27.3	40.9

99 100

42 16.9 13.8 20.8

71 33.5 27.3 40.9

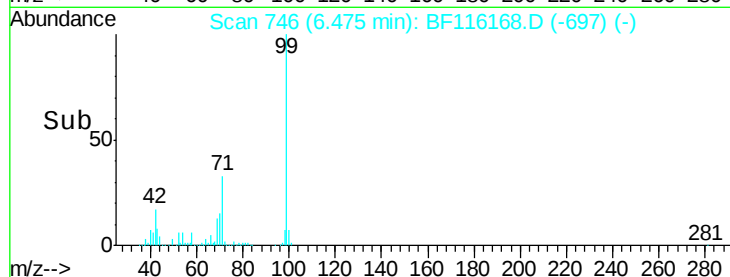
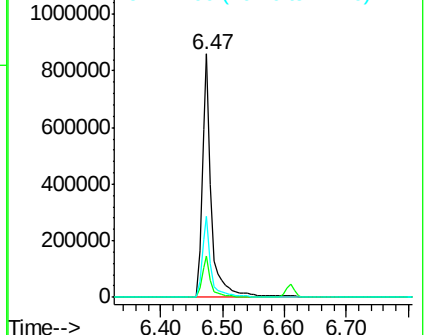


Abundance

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: BF116168.D

Acq: 11 Aug 2019 1:49

Tgt Ion: 136 Resp: 521203

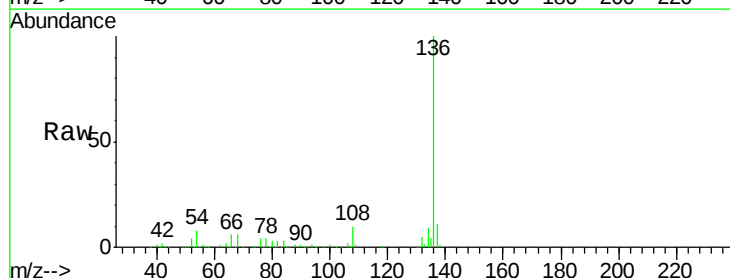
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.6	5.8	8.6
68	6.5	5.2	7.8

136 100

137 11.5 9.0 13.4

54 7.6 5.8 8.6

68 6.5 5.2 7.8



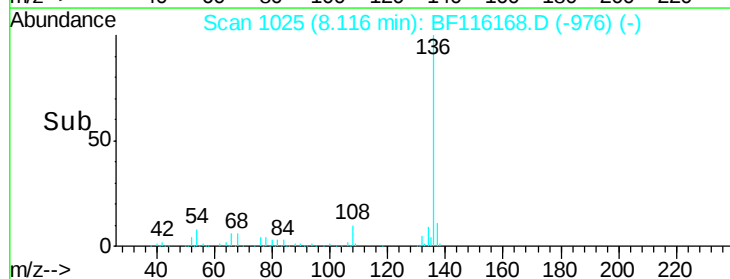
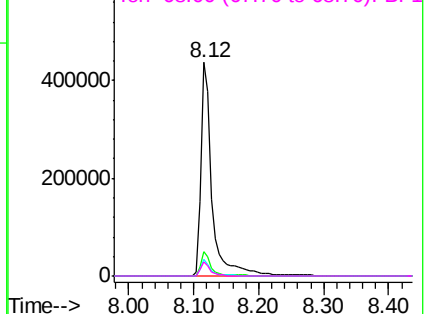
Abundance

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: 64.663 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116168.D

Acq: 11 Aug 2019 1:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

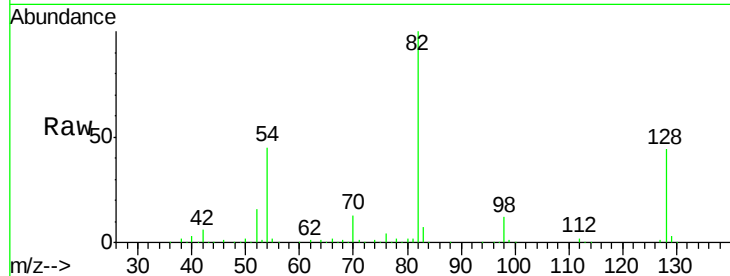
Tot Ion: 82 Resp: 583868

Ion Ratio Lower Upper

82 100

128 43.9 36.5 54.7

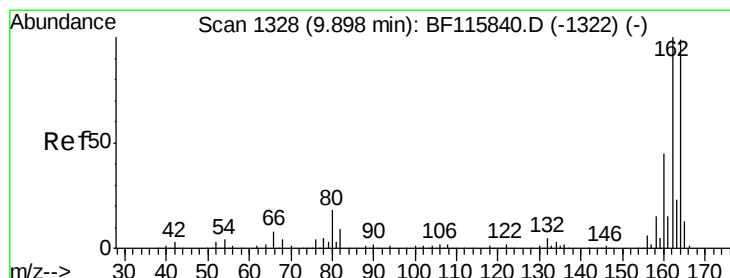
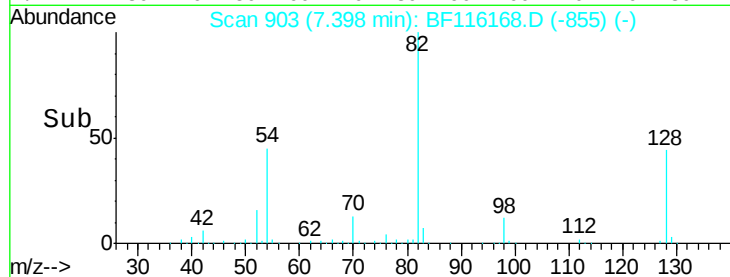
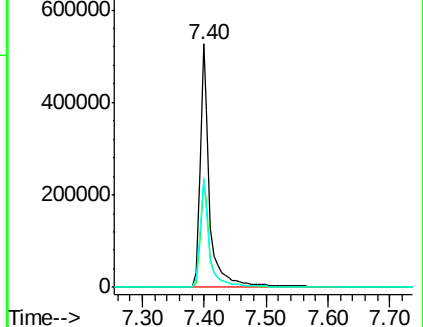
54 45.0 36.0 54.0



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: BF116168.D

Acq: 11 Aug 2019 1:49

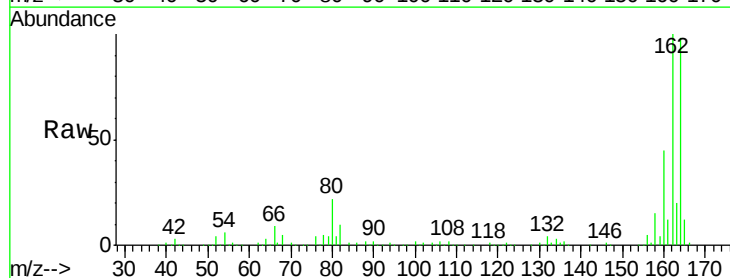
Tgt Ion:164 Resp: 254831

Ion Ratio Lower Upper

164 100

162 102.0 82.6 124.0

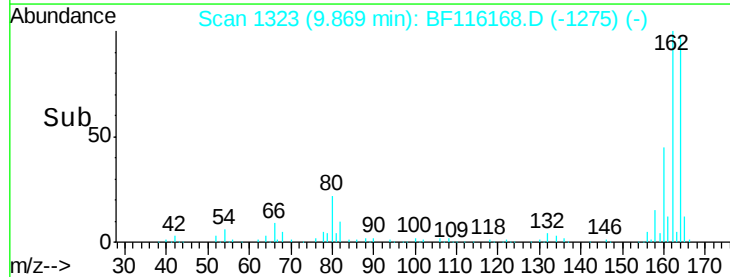
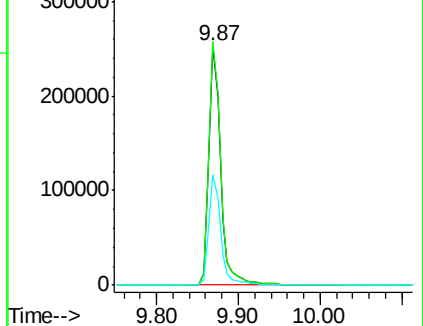
160 46.1 37.6 56.4



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: 60.219 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116168.D

Acq: 11 Aug 2019 1:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

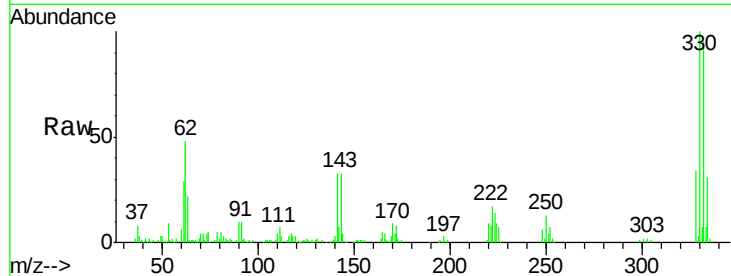
Tot Ion:330 Resp: 148780

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

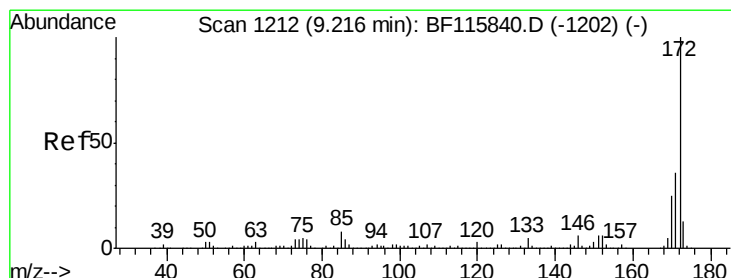
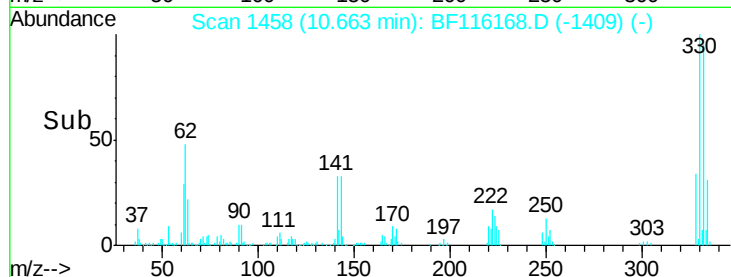
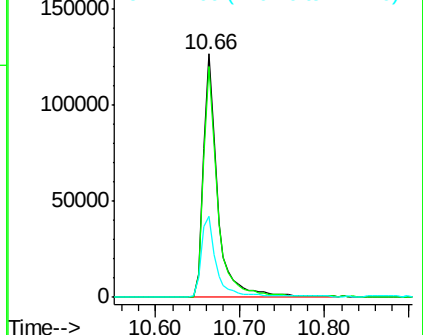
141 36.0 26.3 39.5



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: 77.279 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116168.D

Acq: 11 Aug 2019 1:49

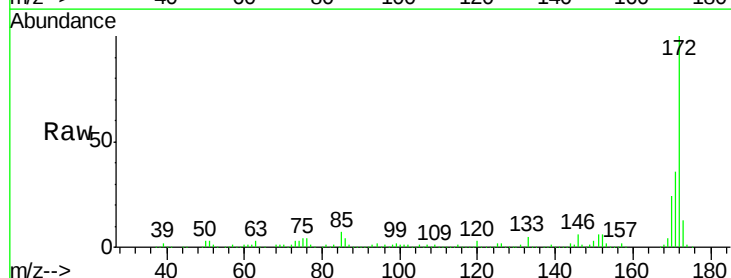
Tgt Ion:172 Resp: 1051378

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

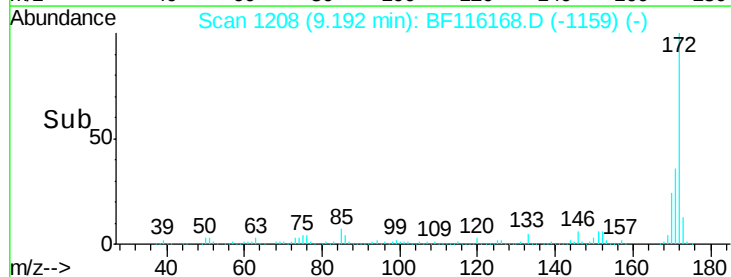
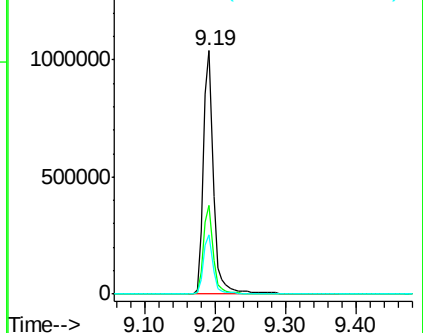
170 24.4 20.1 30.1

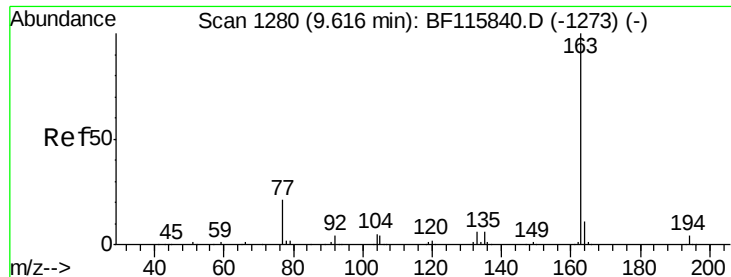


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

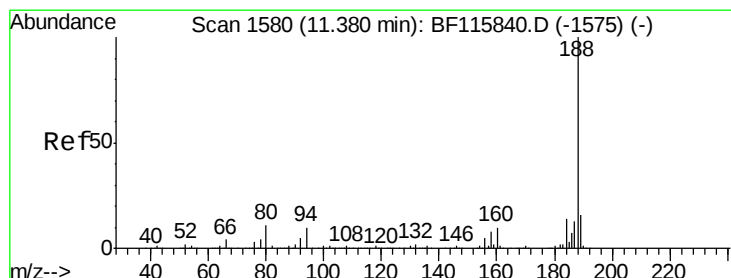
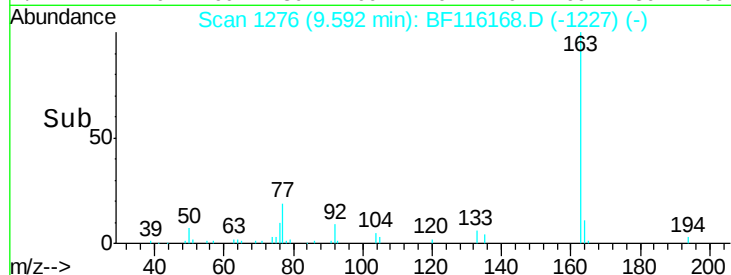
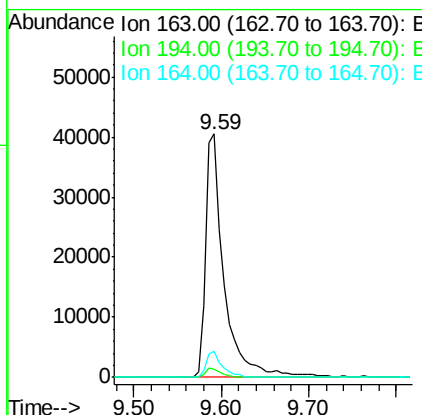
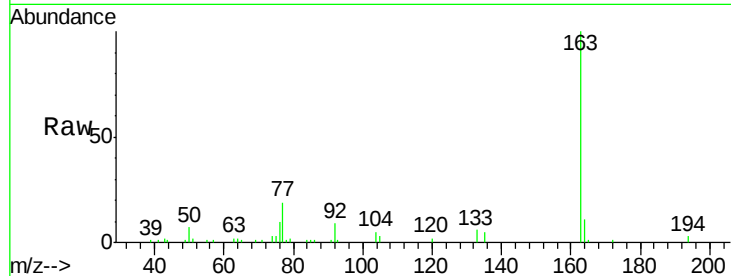




#50
Dimethylphthalate
Concen: 3.424 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116168.D
Acq: 11 Aug 2019 1:49

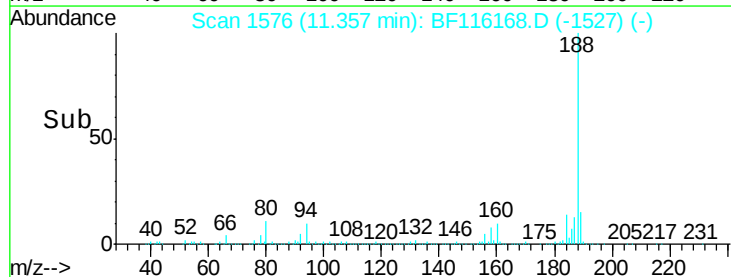
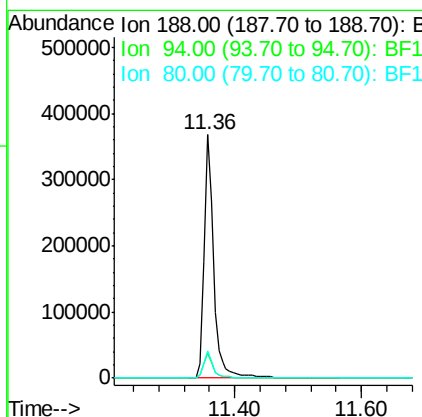
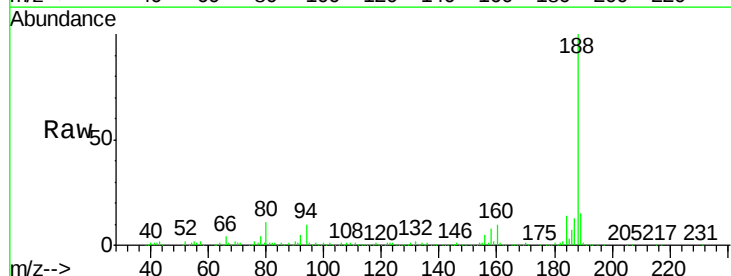
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

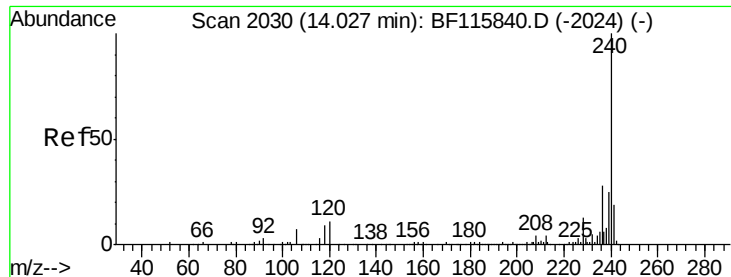
Tot Ion:163 Resp: 59407
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 10.8 8.4 12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116168.D
Acq: 11 Aug 2019 1:49

Tgt Ion:188 Resp: 381746
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.2 8.7 13.1

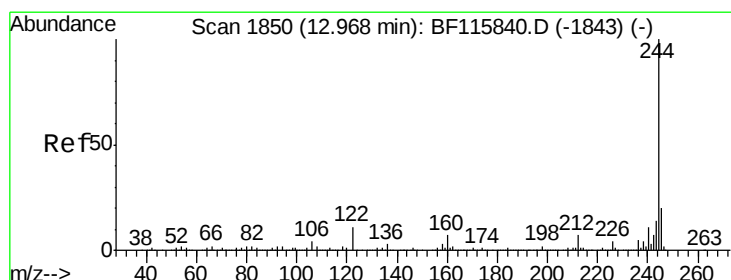
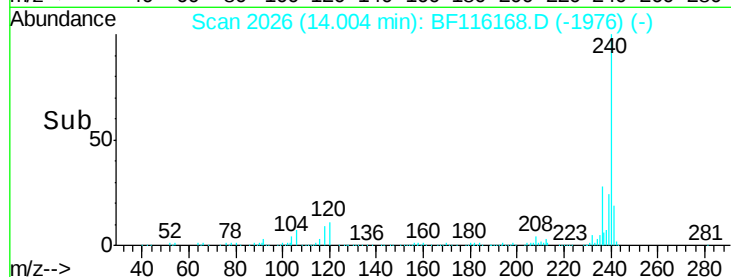
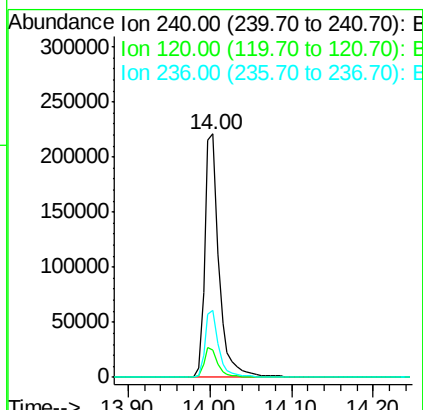
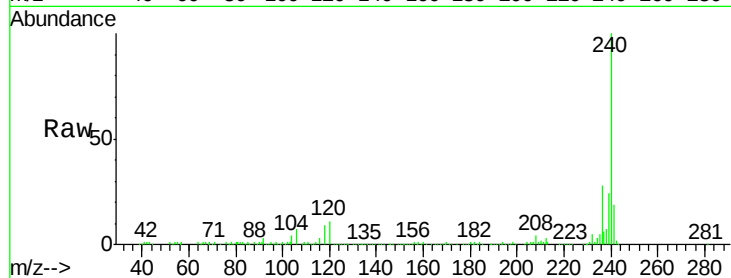




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116168.D
Acq: 11 Aug 2019 1:49

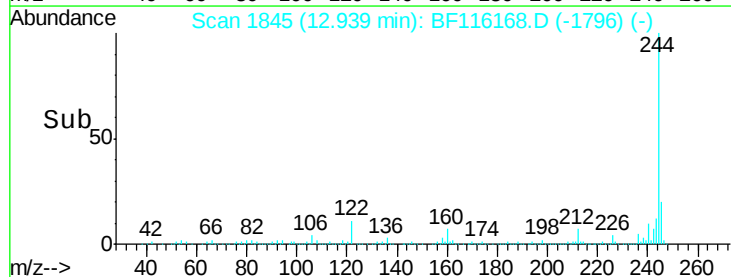
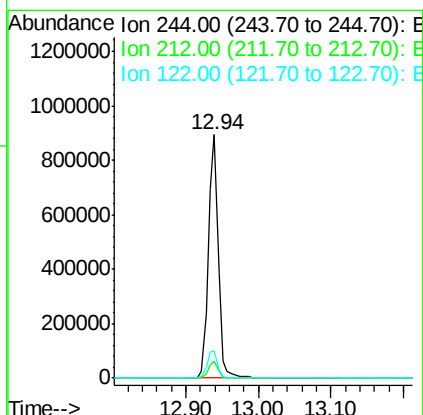
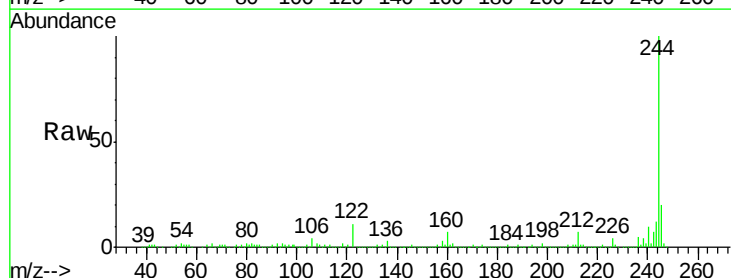
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

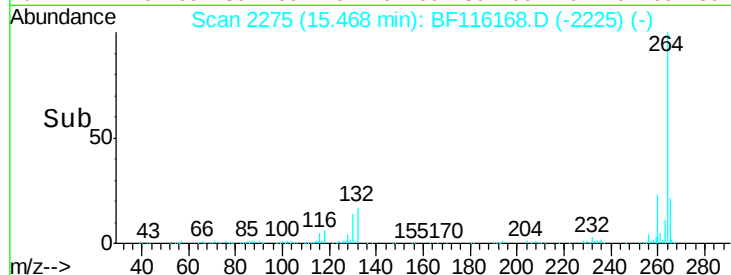
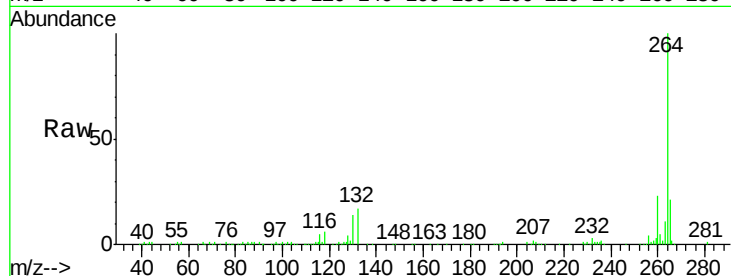
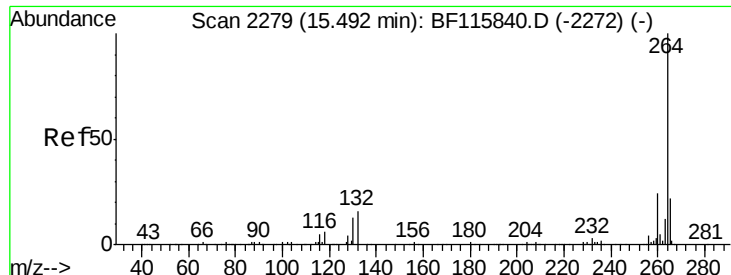
Tot Ion:240 Resp: 268477
Ion Ratio Lower Upper
240 100
120 11.0 10.7 16.1
236 27.7 22.2 33.2



#79
Terphenyl-d14
Concen: 66.224 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116168.D
Acq: 11 Aug 2019 1:49

Tgt Ion:244 Resp: 843764
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.2 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: BF116168.D
 Acq: 11 Aug 2019 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tot Ion:	264	Resp:	257473
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.7	29.5
265	20.9	17.4	26.0

