

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116315.D
 Acq On : 16 Aug 2019 12:00
 Operator : HP/JU
 Sample : K4329-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-PIT

Quant Time: Aug 16 12:29:18 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	6.82	152	109262	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	436662	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	240261	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	436324	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	294415	20.00	ng	-0.03
87) Perylene-d12	15.44	264	303765	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	115602	17.71	ng	-0.01
7) Phenol-d6	6.46	99	186967	22.70	ng	-0.02
23) Nitrobenzene-d5	7.38	82	469525	62.07	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	62644	26.89	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	794038	61.90	ng	-0.04
79) Terphenyl-d14	12.91	244	485319	34.73	ng	-0.04

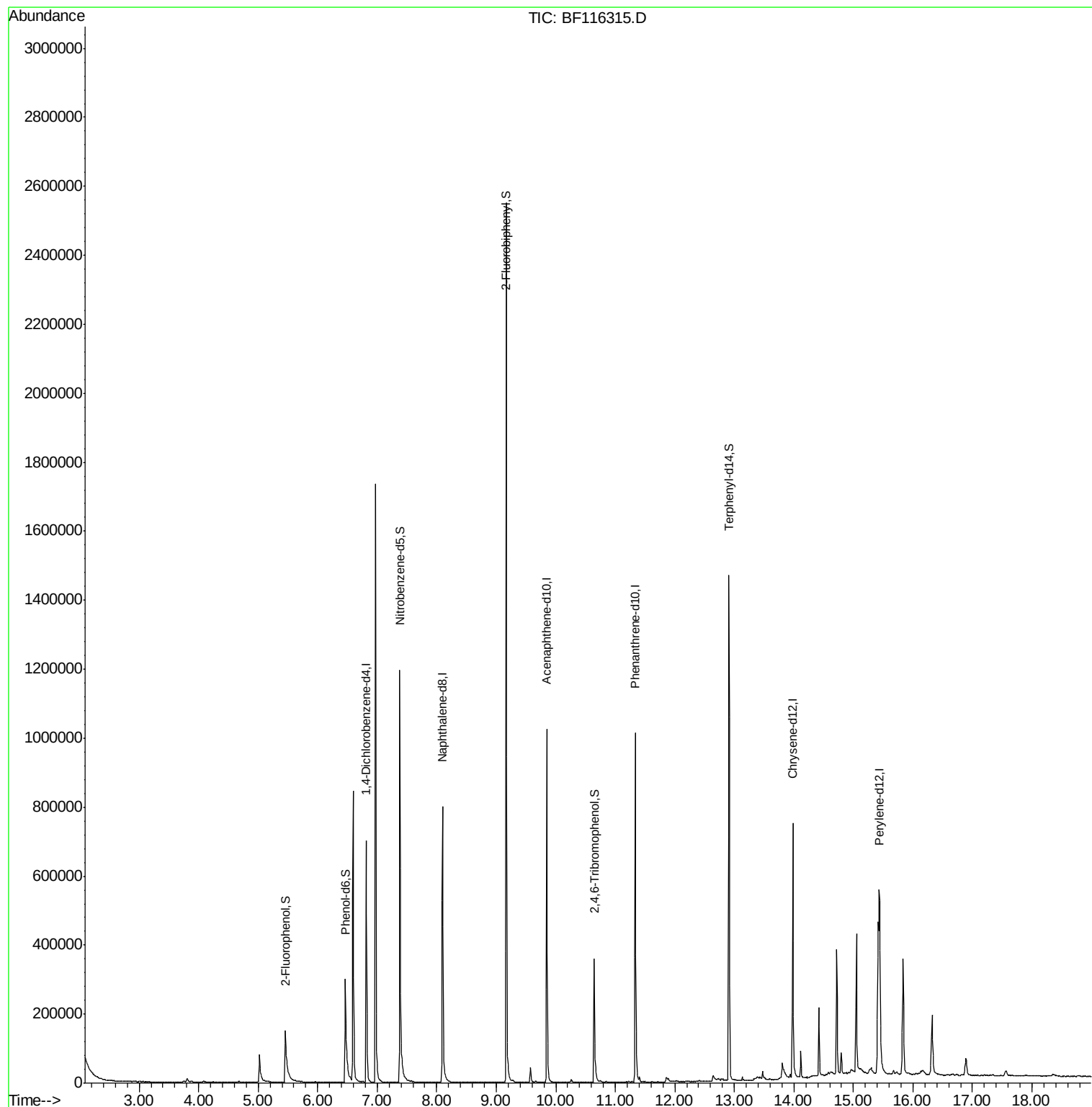
Target Compounds Qvalue

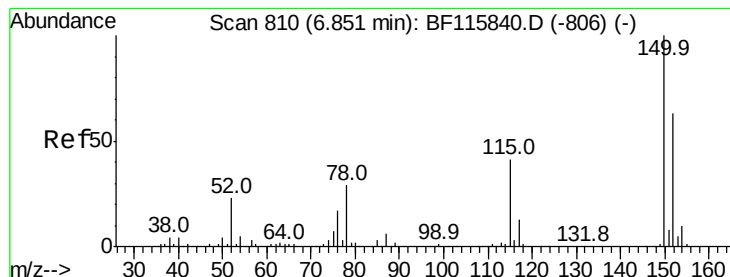
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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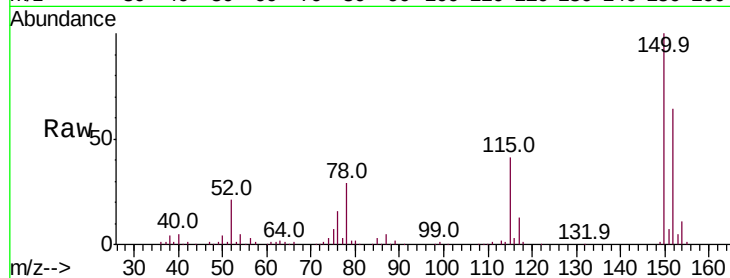


#1

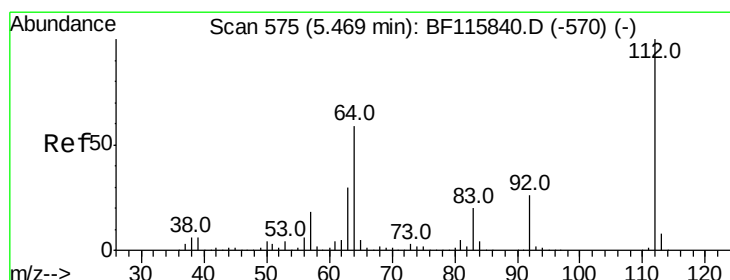
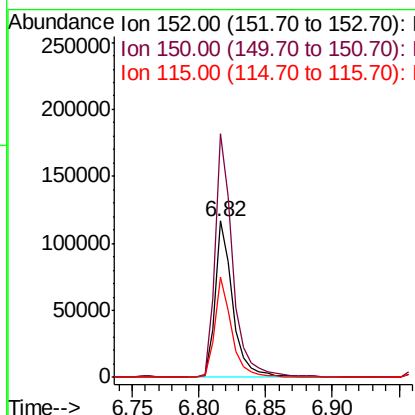
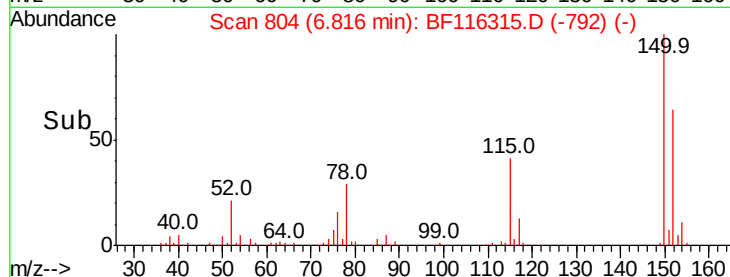
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116315.D
 Acq: 16 Aug 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 WATER-PIT

Tot Ion:152 Resp: 109262
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 63.8 49.9 74.9



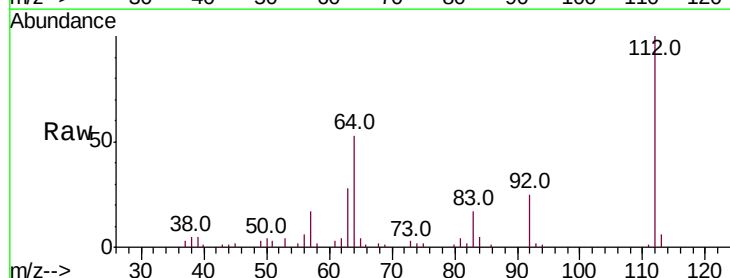
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



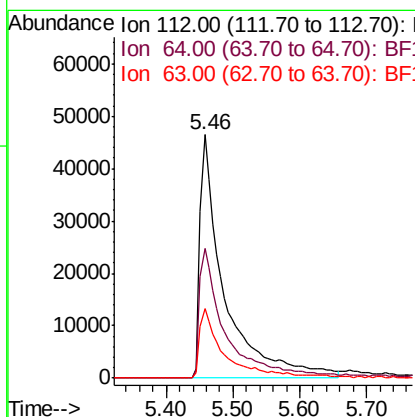
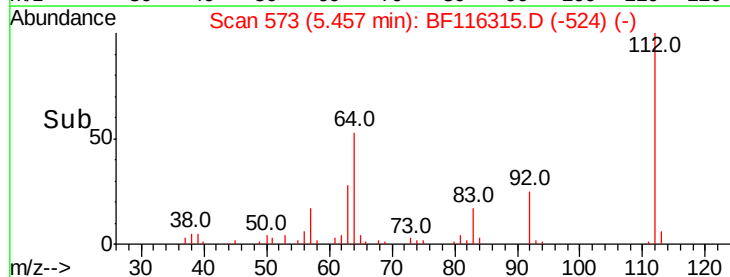
#5

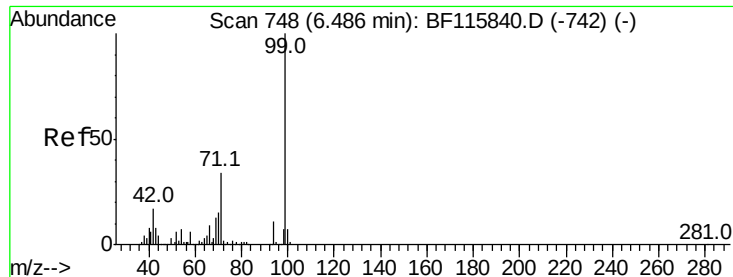
2-Fluorophenol
 Concen: 17.712 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF116315.D
 Acq: 16 Aug 2019 12:00

Tgt Ion:112 Resp: 115602
 Ion Ratio Lower Upper
 112 100
 64 53.0 45.4 68.2
 63 28.5 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: 22.705 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

WATER-PIT

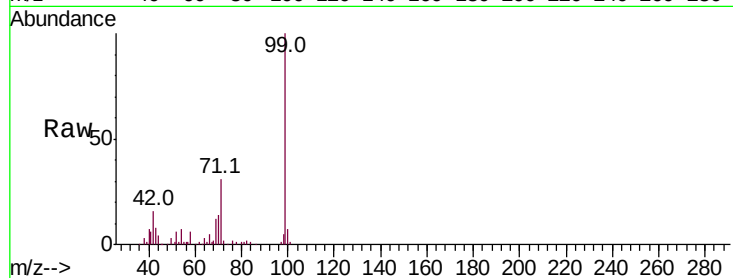
Tot Ion: 99 Resp: 186967

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

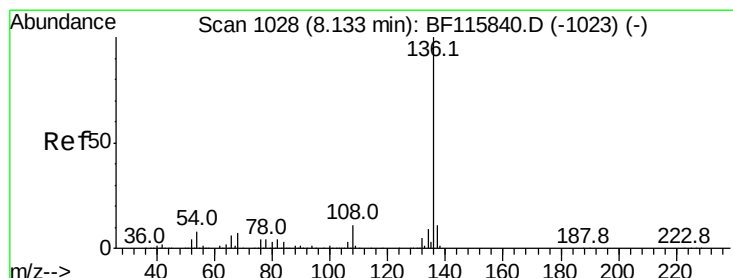
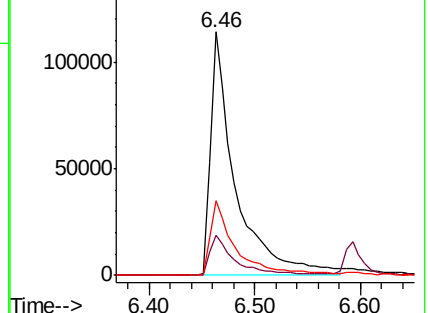
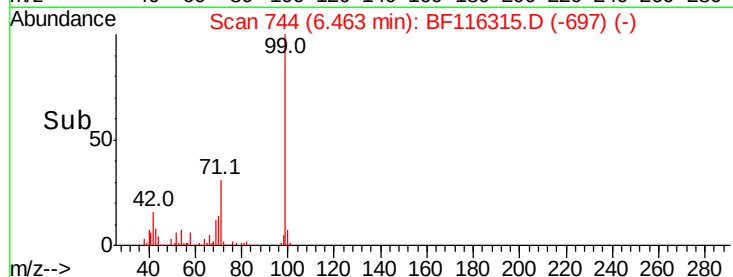
71 30.7 27.3 40.9



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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Tgt Ion: 136 Resp: 436662

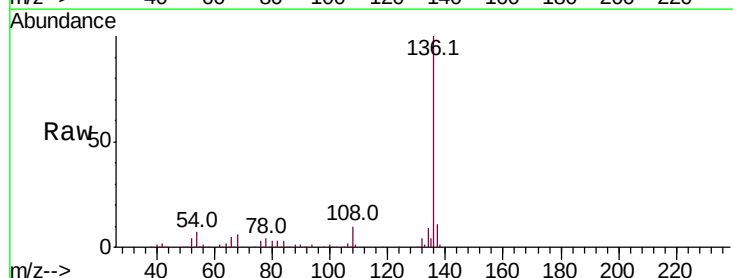
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.8 5.8 8.6

68 6.5 5.2 7.8

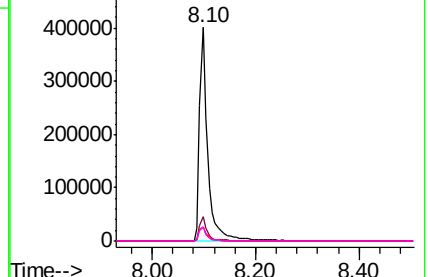
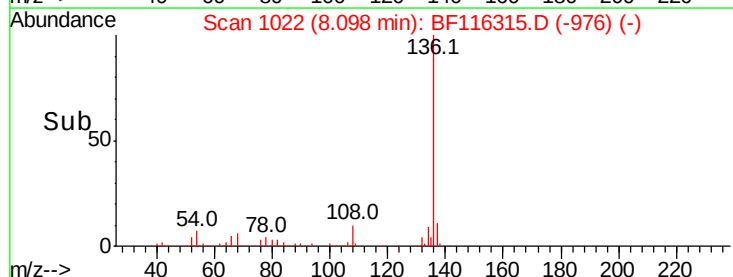


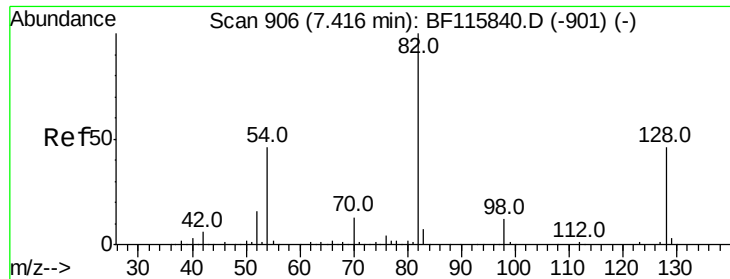
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.067 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

WATER-PIT

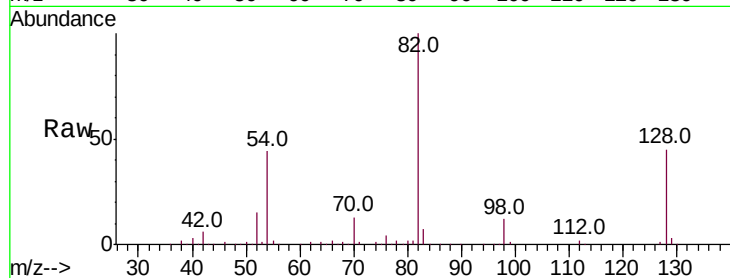
Tot Ion: 82 Resp: 469525

Ion Ratio Lower Upper

82 100

128 45.4 36.5 54.7

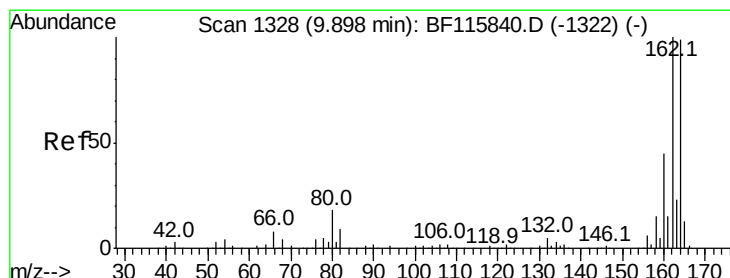
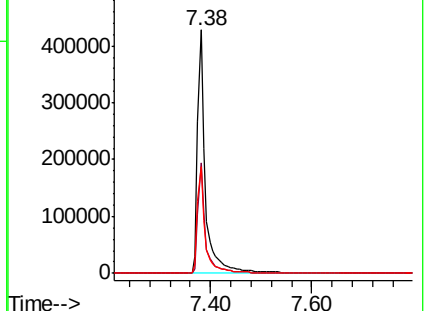
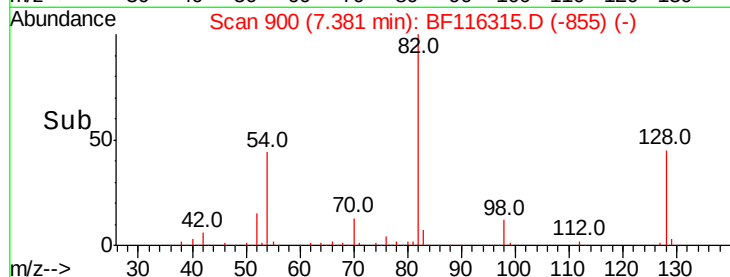
54 44.0 36.0 54.0



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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

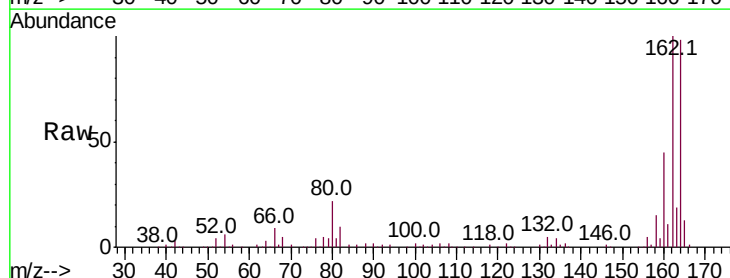
Tgt Ion: 164 Resp: 240261

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

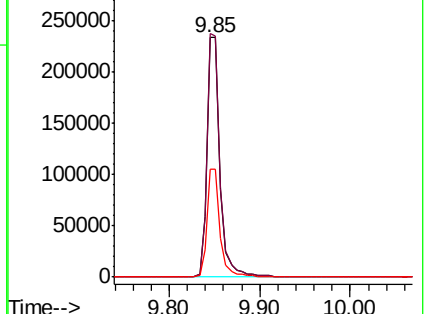
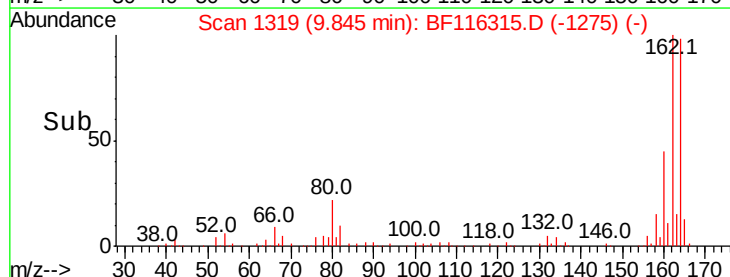
160 45.3 37.6 56.4

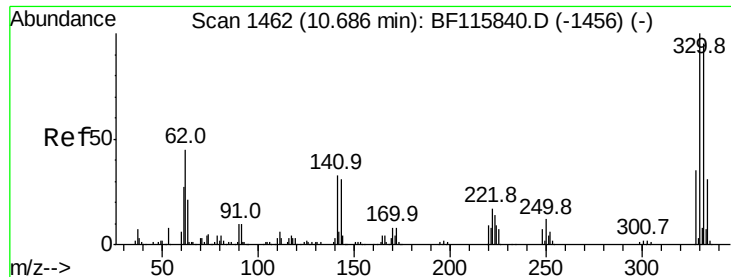


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 26.893 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

WATER-PIT

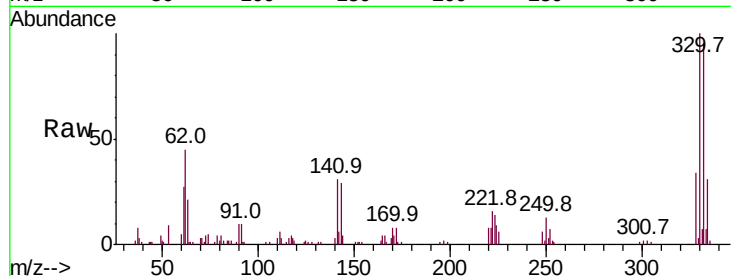
Tot Ion:330 Resp: 62644

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

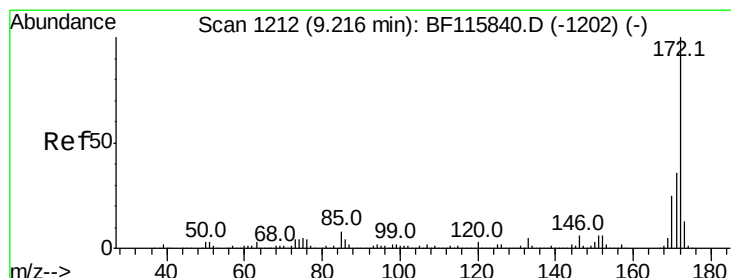
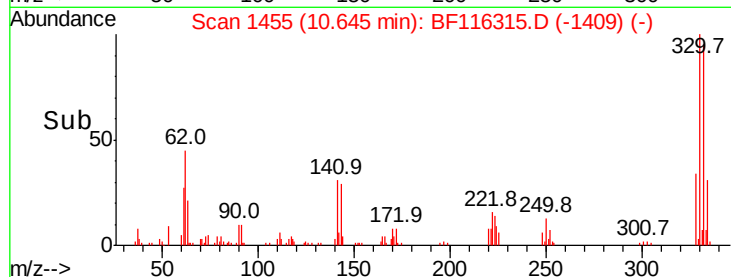
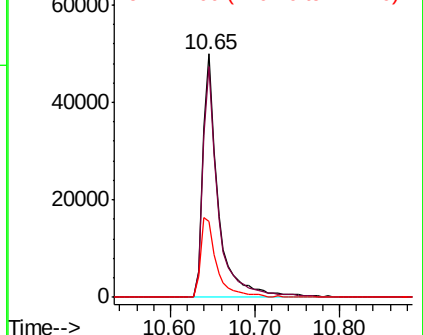
141 34.0 26.3 39.5



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: 61.903 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

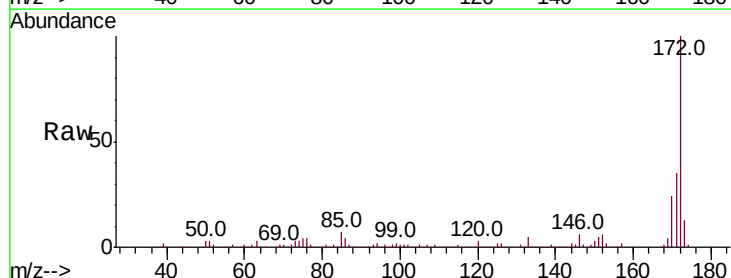
Tgt Ion:172 Resp: 794038

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

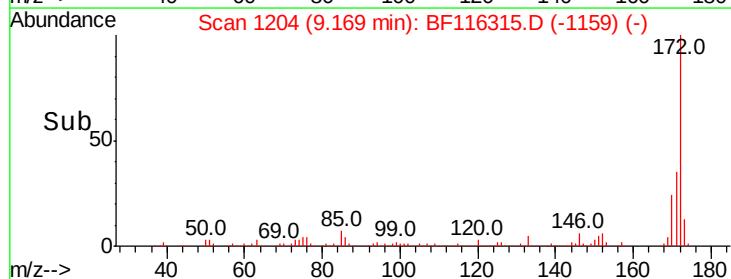
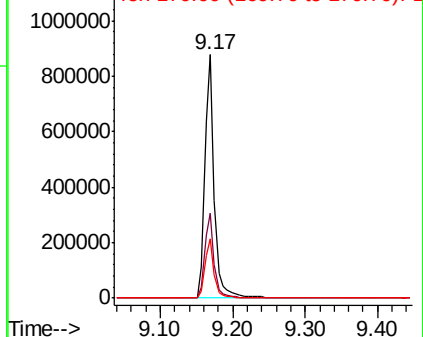
170 24.5 20.1 30.1

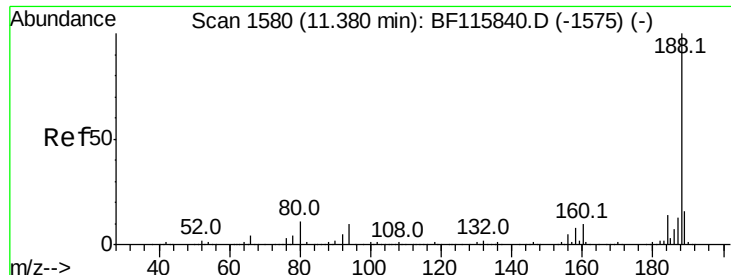


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

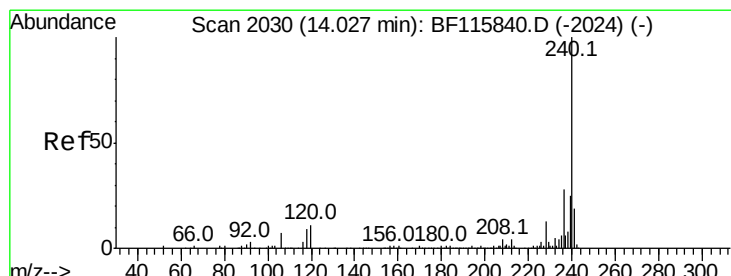
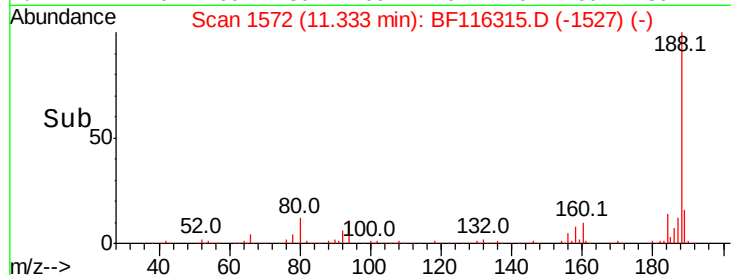
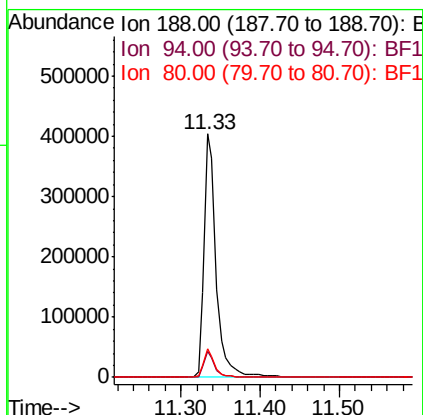
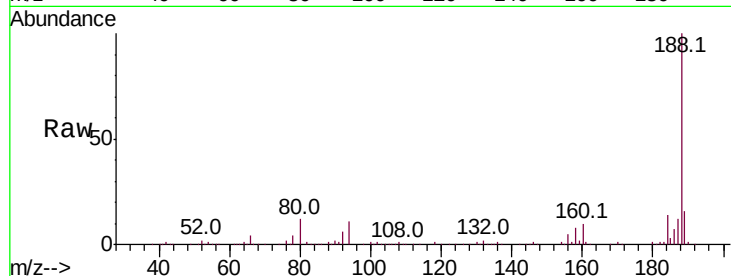




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116315.D
Acq: 16 Aug 2019 12:00

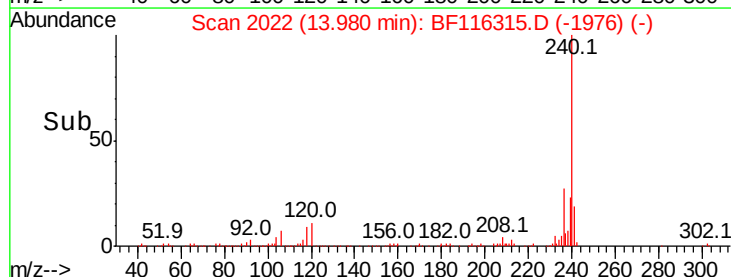
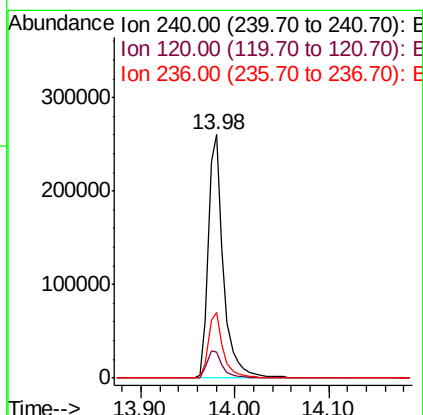
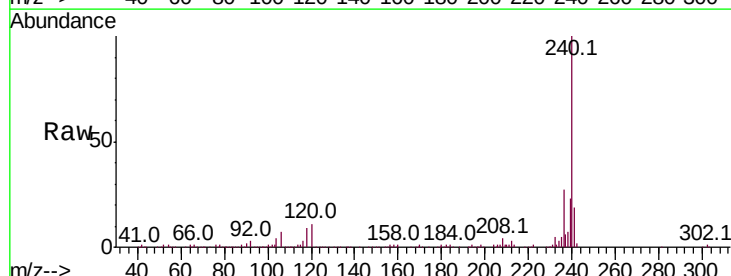
Instrument :
BNA_F
ClientSampled :
WATER-PIT

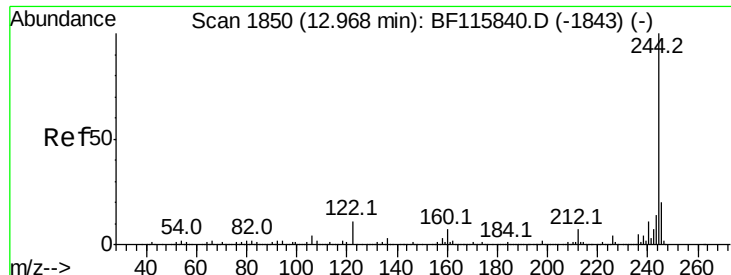
Tot Ion:188 Resp: 436324
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116315.D
Acq: 16 Aug 2019 12:00

Tgt Ion:240 Resp: 294415
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 27.2 22.2 33.2

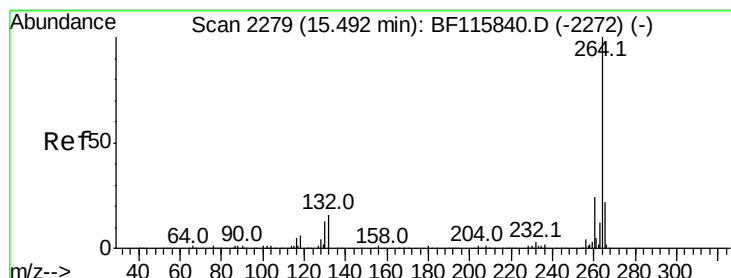
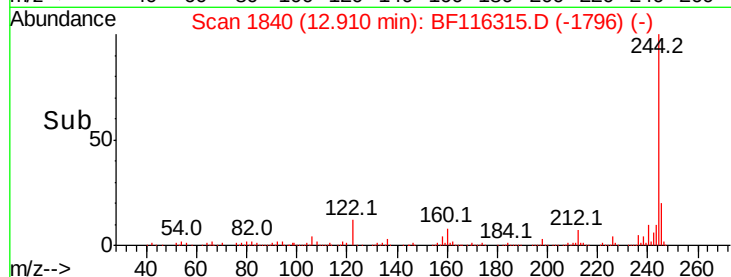
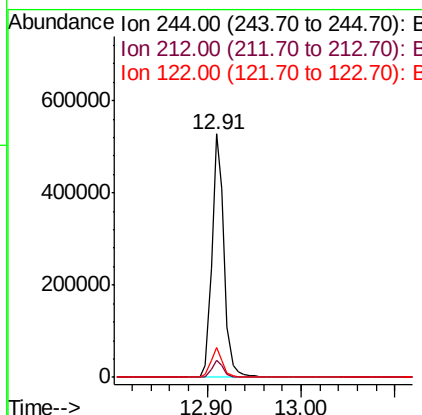
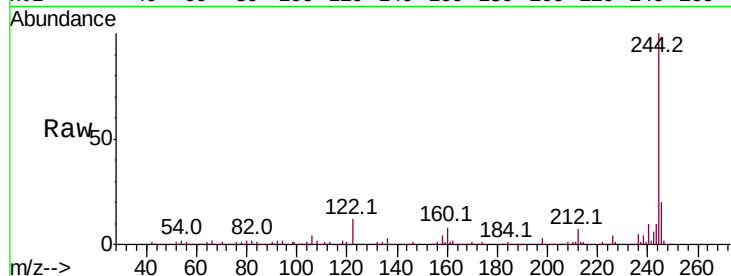




#79
 Terphenyl-d14
 Concen: 34.735 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF116315.D
 Acq: 16 Aug 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 WATER-PIT

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.4	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116315.D
 Acq: 16 Aug 2019 12:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.4	17.4	26.0

