

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120974.D
 Acq On : 22 Jul 2020 20:11
 Operator : JU/CG
 Sample : L3368-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200421-SITE-WATER

Quant Time: Jul 23 01:08:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

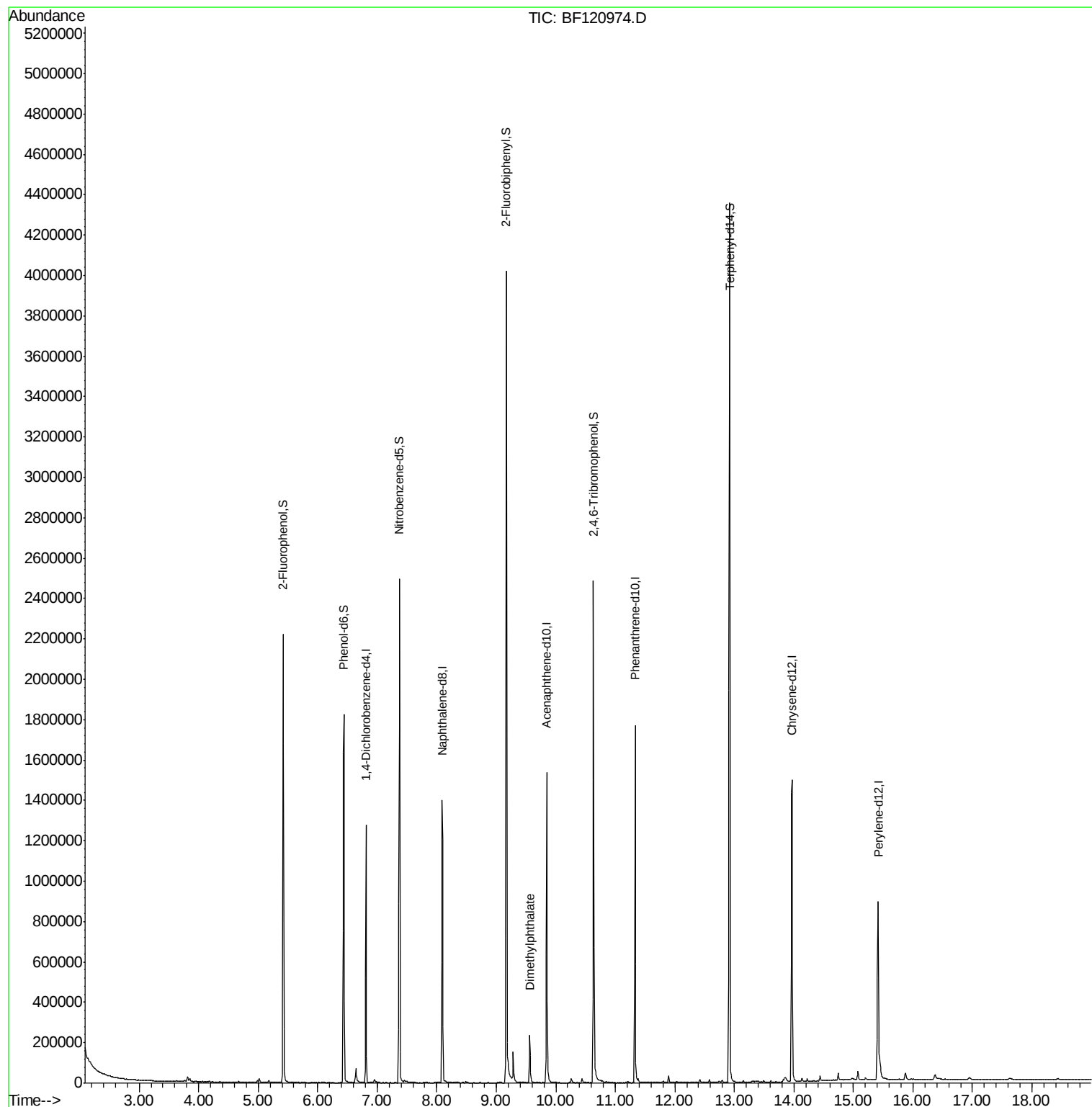
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	175640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	657229	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	360396	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692806	20.00	ng	0.00
76) Chrysene-d12	13.97	240	581233	20.00	ng	0.00
86) Perylene-d12	15.42	264	499223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659914	61.59	ng	0.00
7) Phenol-d6	6.44	99	651337	47.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	910511	80.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	400355	101.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1589875	65.87	ng	0.00
79) Terphenyl-d14	12.92	244	1697133	63.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	106914	4.112	ng	Qvalue 100

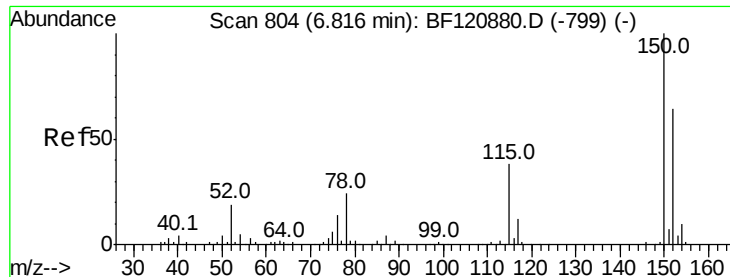
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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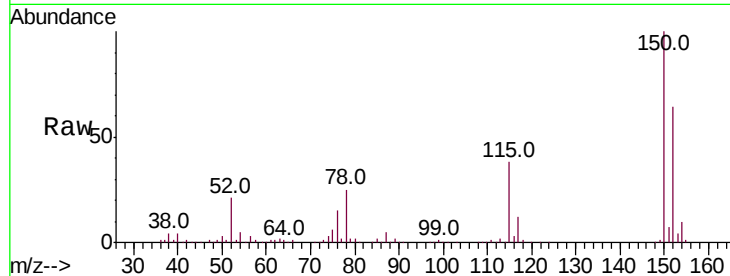


#1

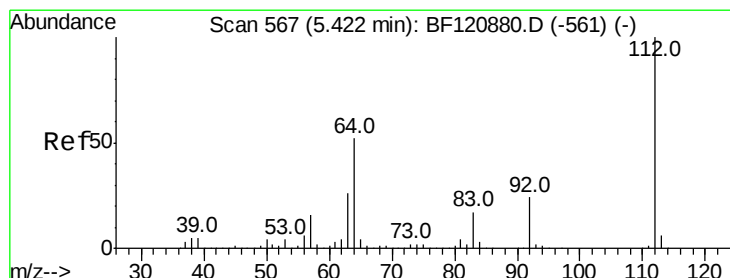
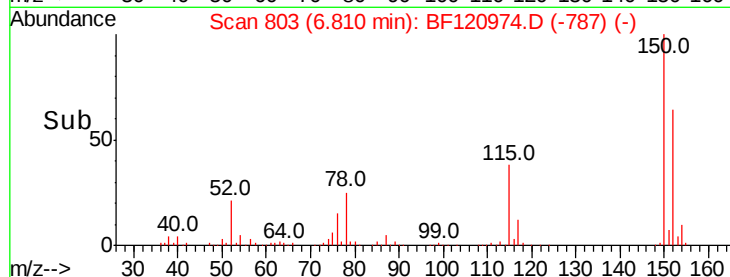
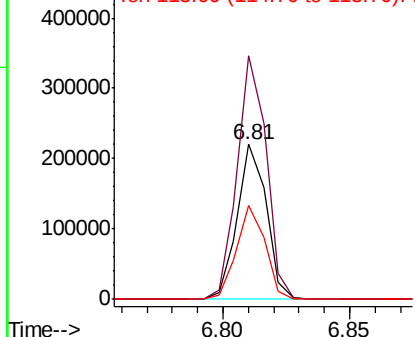
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Instrument :
BNA_F
ClientSampleId :
20200421-SITE-WATER

Tot Ion:152 Resp: 175640
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.6
115 60.2 47.0 70.4



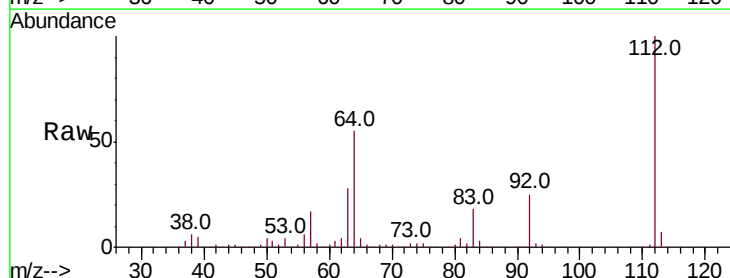
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



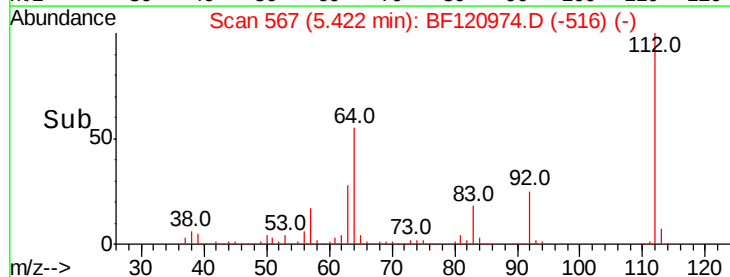
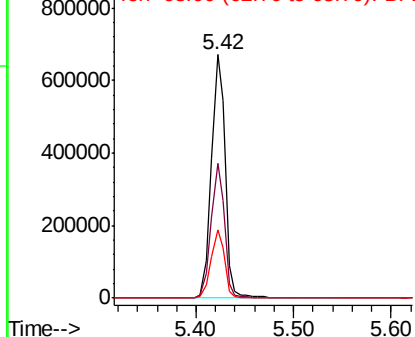
#5

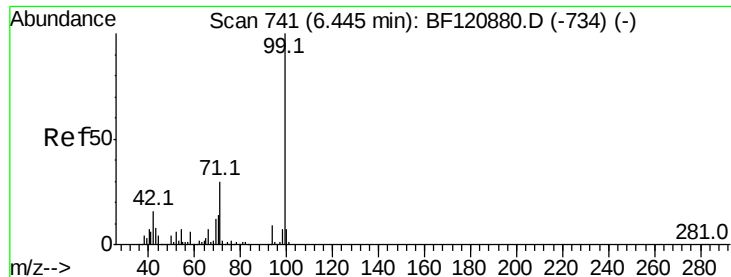
2-Fluorophenol
Concen: 61.594 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Tgt Ion:112 Resp: 659914
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.3 21.1 31.7



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: 47.063 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

Instrument :

BNA_F

ClientSampleId :

20200421-SITE-WATER

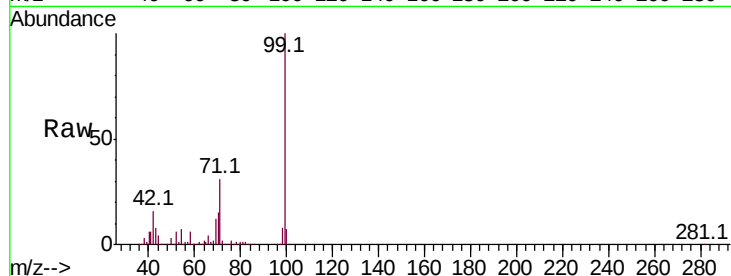
Tot Ion: 99 Resp: 651337

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

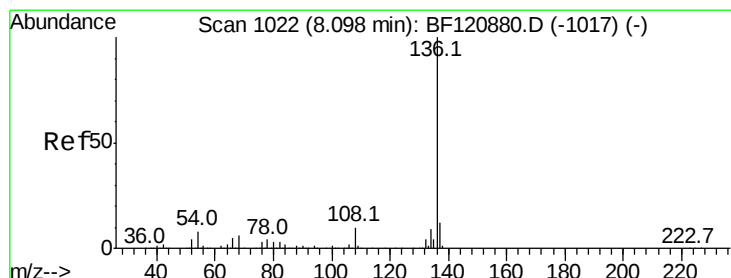
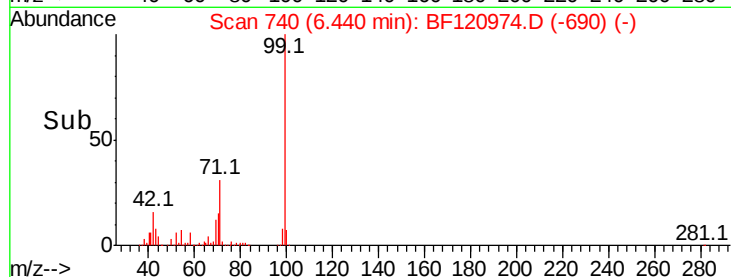
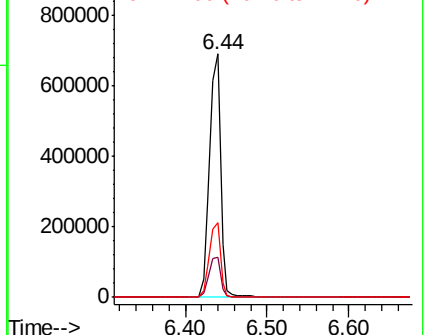
71 30.6 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

Tgt Ion: 136 Resp: 657229

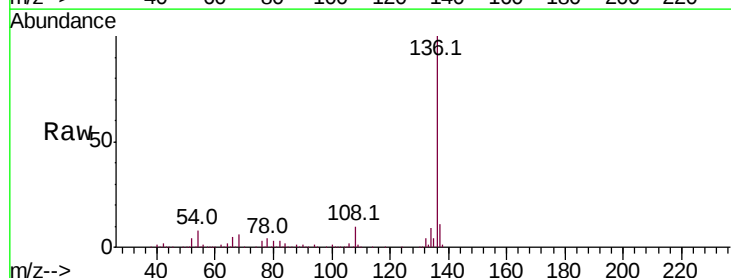
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.8 6.3 9.5

68 6.0 5.0 7.4

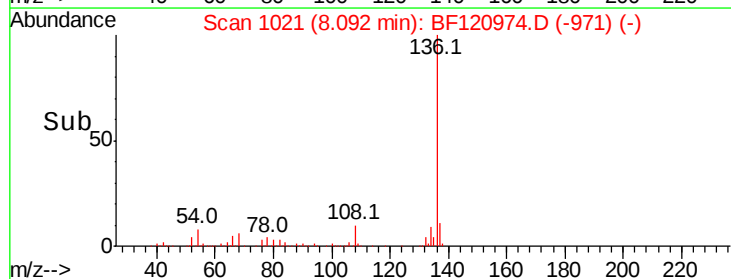
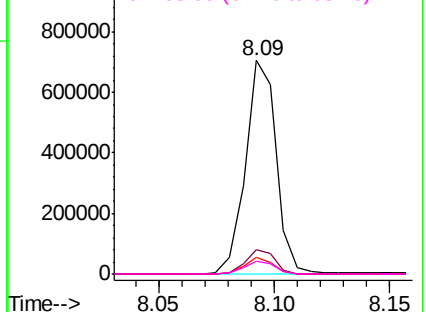


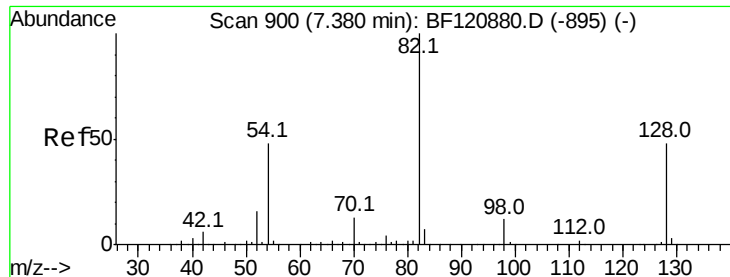
Abundance Ion 136.00 (135.70 to 136.70): E

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

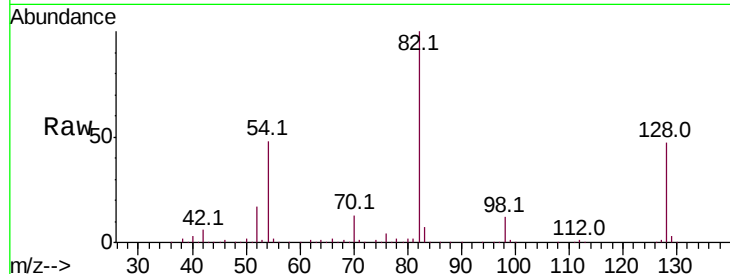




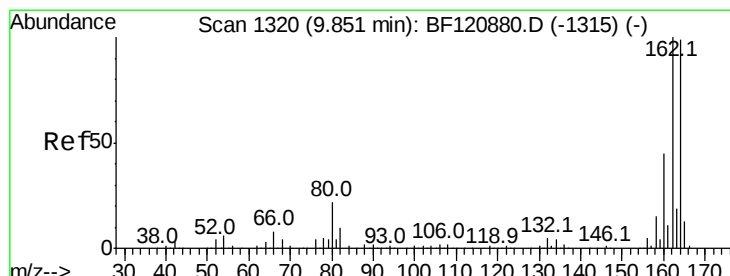
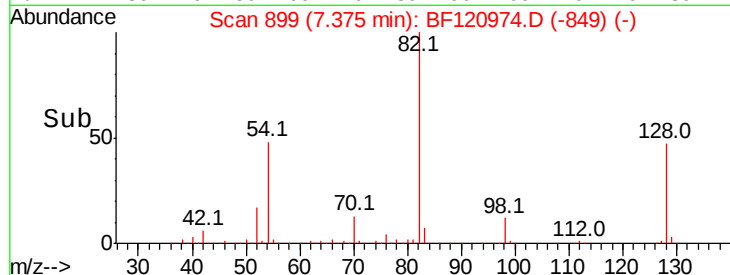
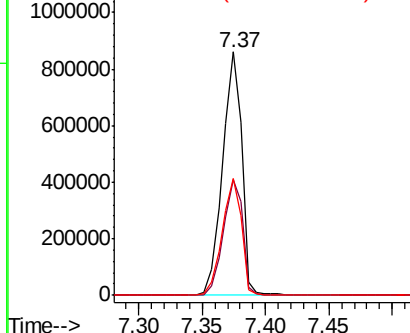
#23
Nitrobenzene-d5
Concen: 80.162 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Instrument :
BNA_F
ClientSampleId :
20200421-SITE-WATER

Tot Ion: 82 Resp: 910511
Ion Ratio Lower Upper
82 100
128 47.5 38.2 57.4
54 48.0 38.7 58.1

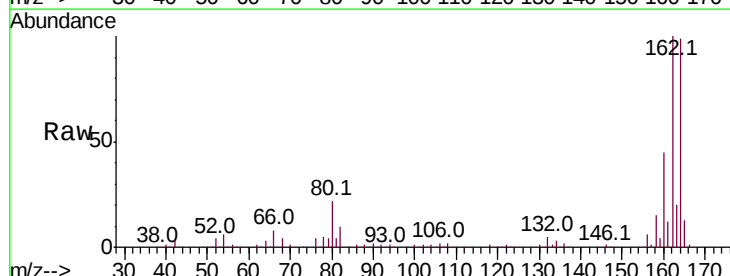


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

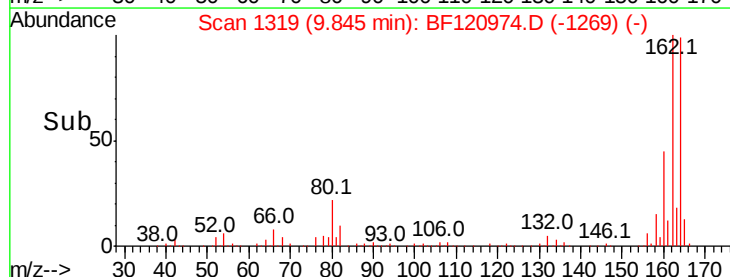
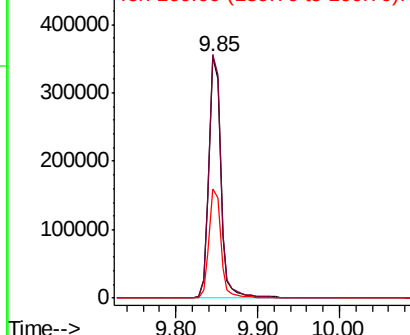


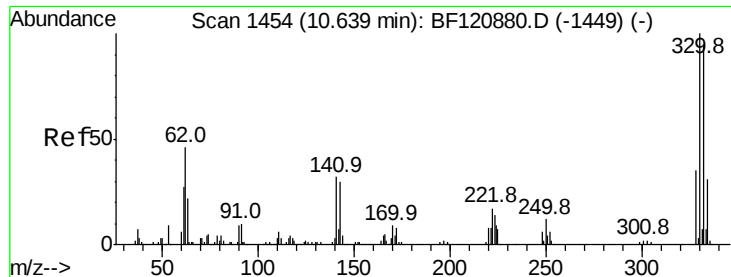
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Tgt Ion:164 Resp: 360396
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.0 36.9 55.3



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: 101.487 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

Instrument :

BNA_F

ClientSampleId :

20200421-SITE-WATER

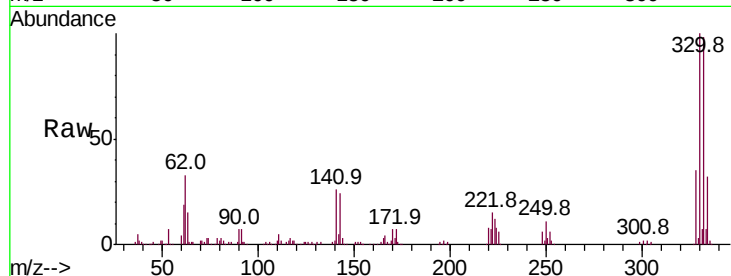
Tot Ion:330 Resp: 400355

Ion Ratio Lower Upper

330 100

332 96.8 75.5 113.3

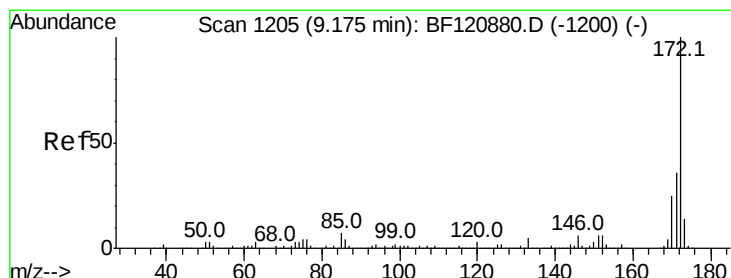
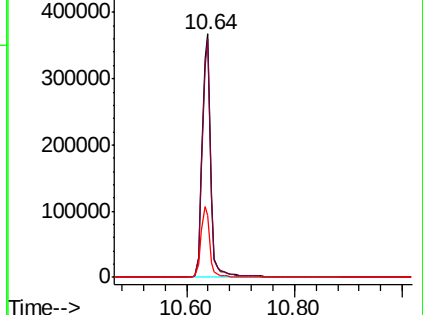
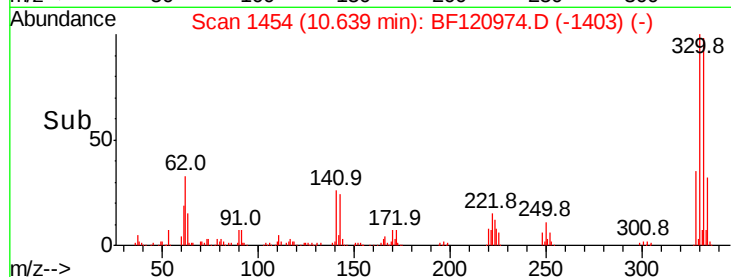
141 30.8 25.7 38.5



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: 65.865 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

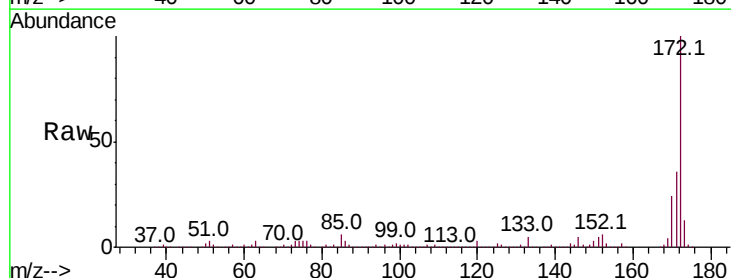
Tgt Ion:172 Resp: 1589875

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

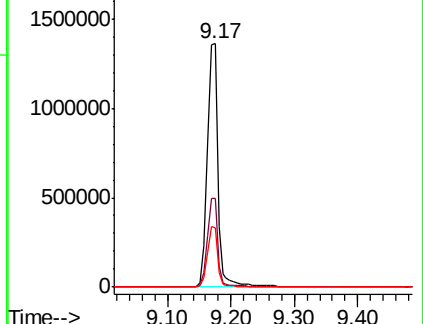
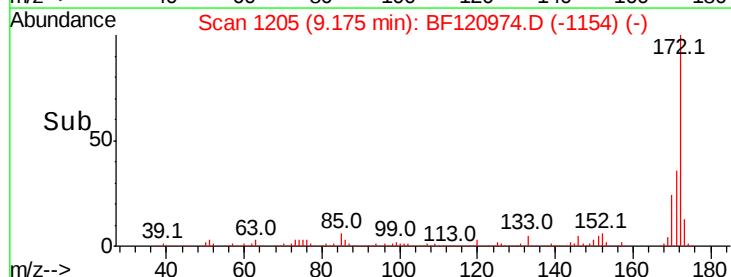
170 24.3 19.6 29.4

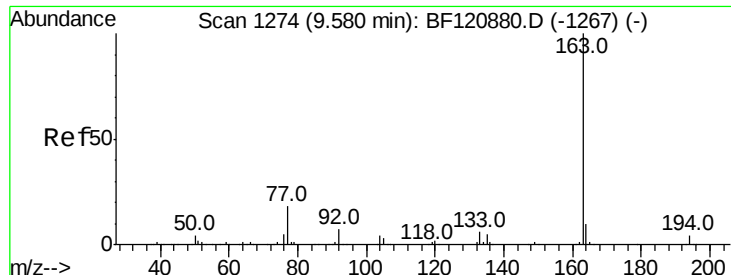


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

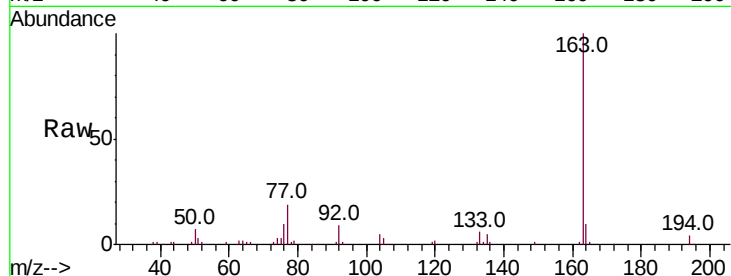




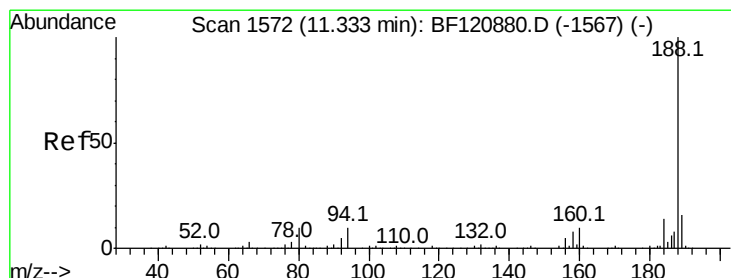
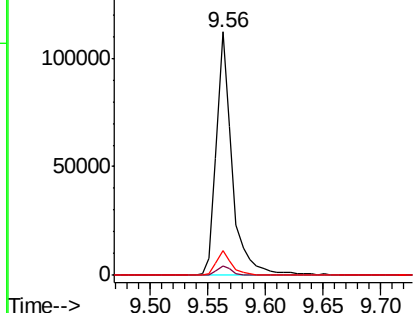
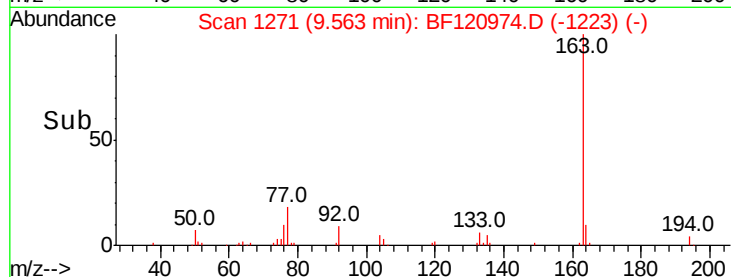
#50
Dimethylphthalate
Concen: 4.112 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Instrument :
BNA_F
ClientSampleId :
20200421-SITE-WATER

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	7.9	11.9

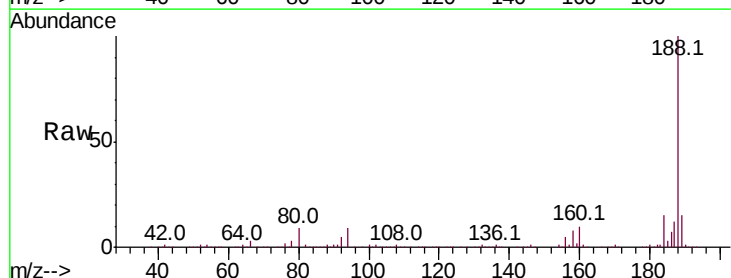


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

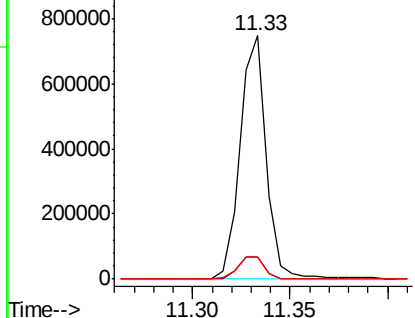
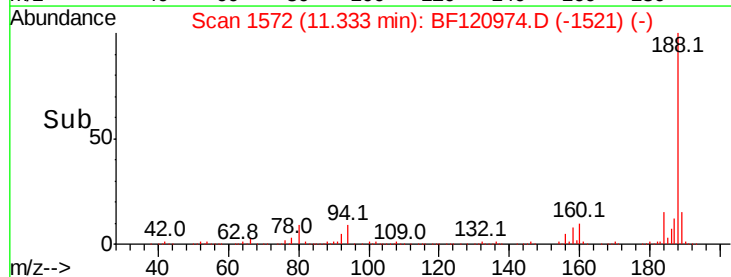


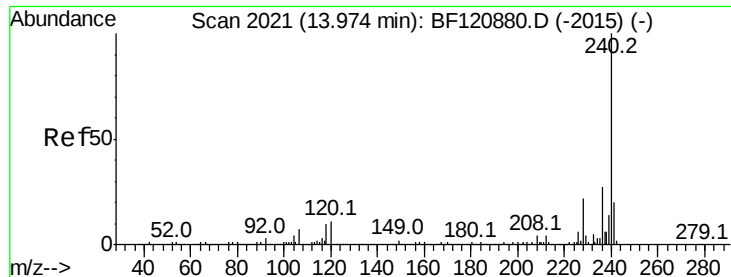
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.0	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

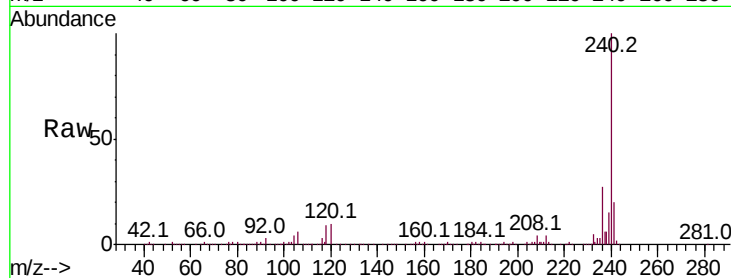




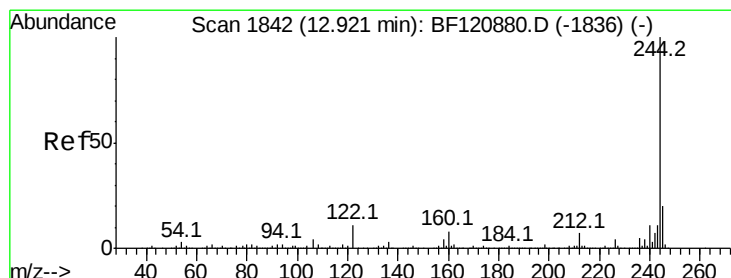
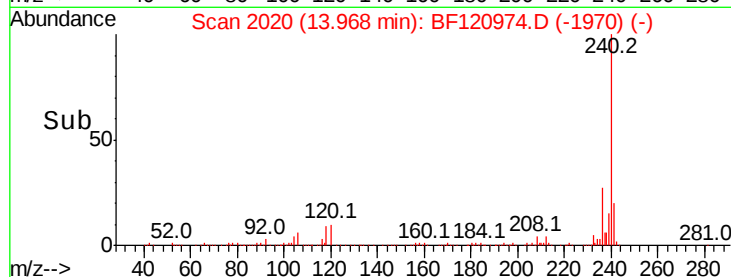
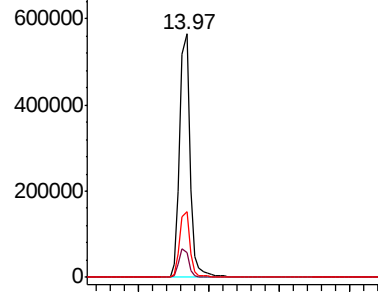
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Instrument :
BNA_F
ClientSampleId :
20200421-SITE-WATER

Tot Ion:240 Resp: 581233
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.9 21.7 32.5

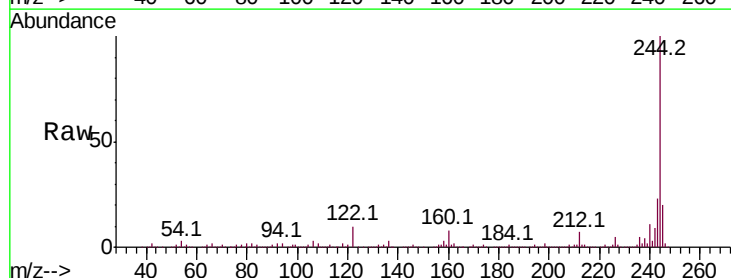


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

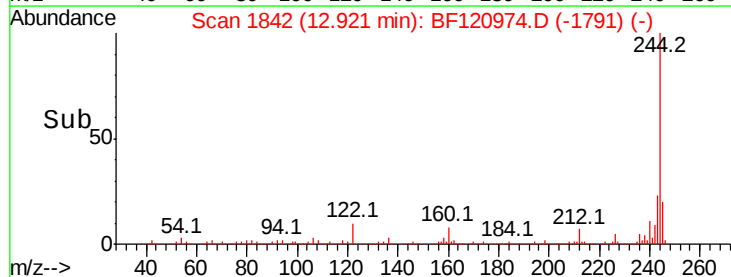
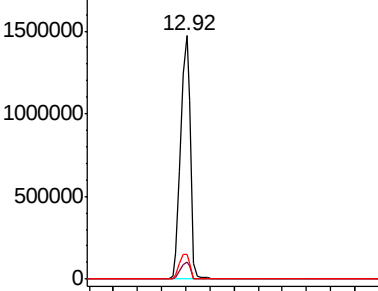


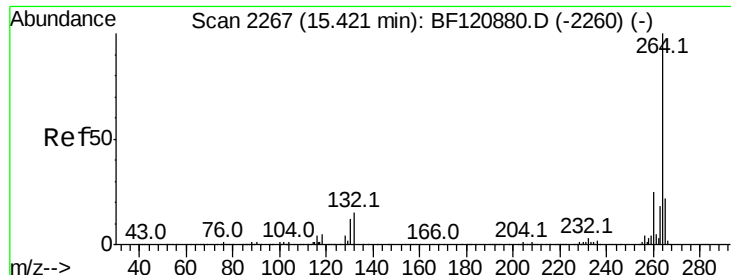
#79
Terphenyl-d14
Concen: 63.472 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Tgt Ion:244 Resp: 1697133
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.2 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

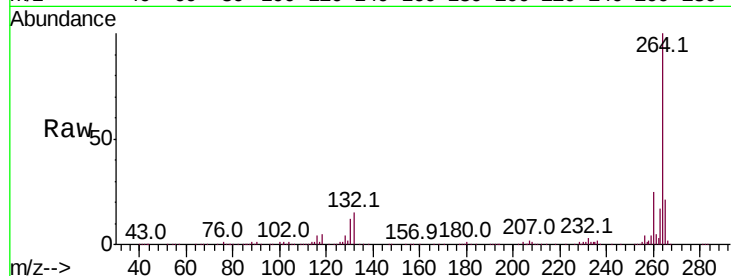




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120974.D
 Acq: 22 Jul 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 20200421-SITE-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	20.9	17.4	26.2



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

