

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114574.D
 Acq On : 24 May 2019 17:26
 Operator : JU/SJ
 Sample : K2829-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: May 24 23:02:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

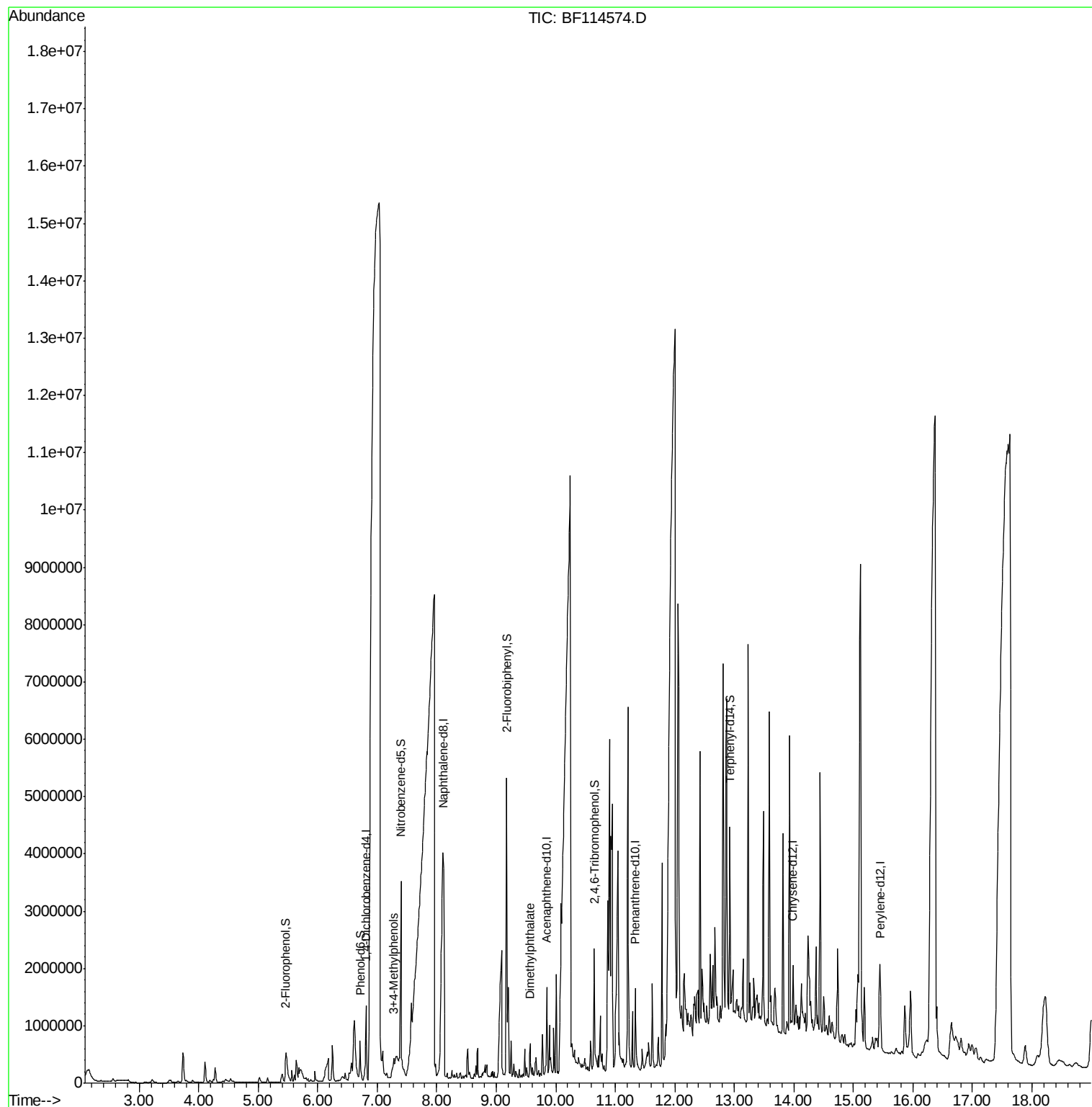
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146741	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	488991	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	256173	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	465254	20.00	ng	0.00
76) Chrysene-d12	13.99	240	310191	20.00	ng	0.00
87) Perylene-d12	15.46	264	367807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	379138	41.58	ng	0.02
7) Phenol-d6	6.71	99	214226	19.86	ng	0.25
23) Nitrobenzene-d5	7.40	82	866326	99.43	ng	0.02
42) 2,4,6-Tribromophenol	10.65	330	232928	87.95	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1584503	93.56	ng	0.00
79) Terphenyl-d14	12.93	244	1203800	80.00	ng	0.01
Target Compounds						
20) 3+4-Methylphenols	7.27	107	47735	5.167	ng	Qvalue # 49
50) Dimethylphthalate	9.57	163	119856	6.373	ng	99

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

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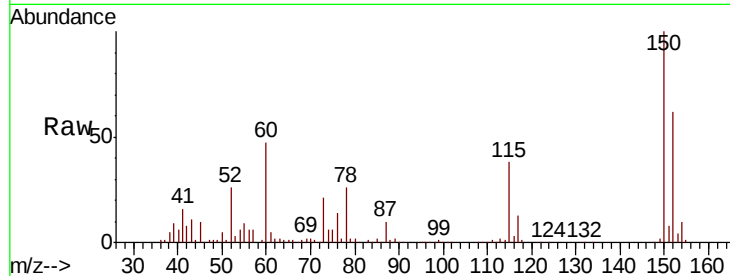


#1

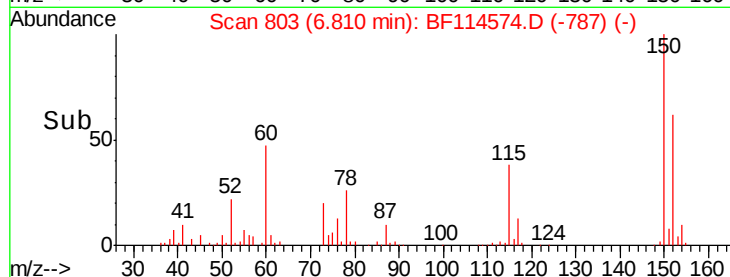
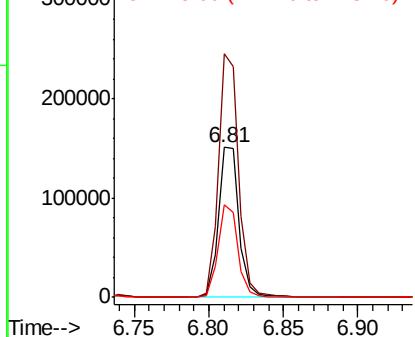
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:152 Resp: 146741
Ion Ratio Lower Upper
152 100
150 162.3 124.3 186.5
115 61.9 49.1 73.7



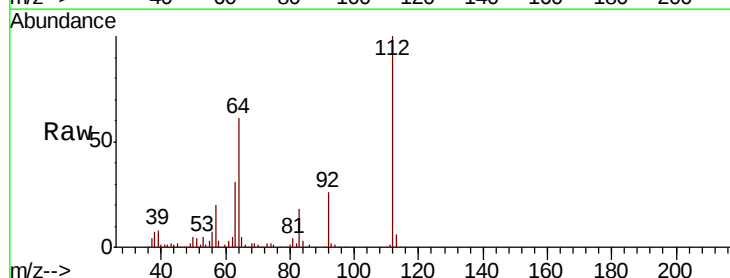
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



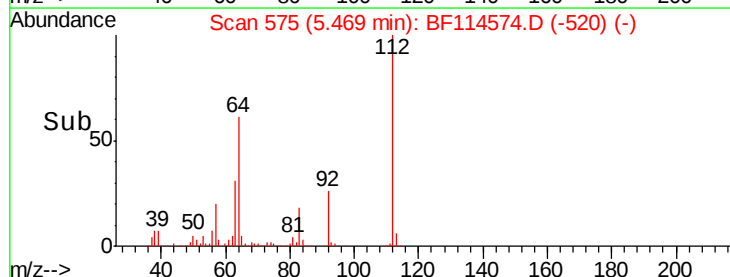
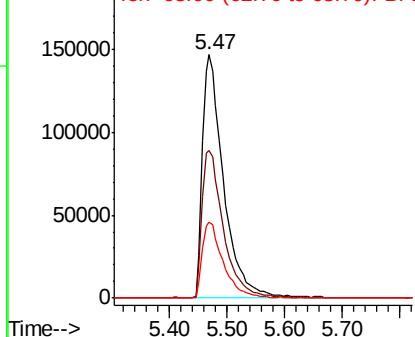
#5

2-Fluorophenol
Concen: 41.579 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:112 Resp: 379138
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.6
63 31.4 24.6 37.0



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: 19.864 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.25 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

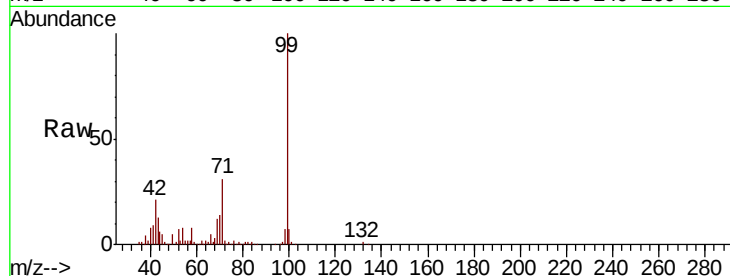
Tot Ion: 99 Resp: 214226

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

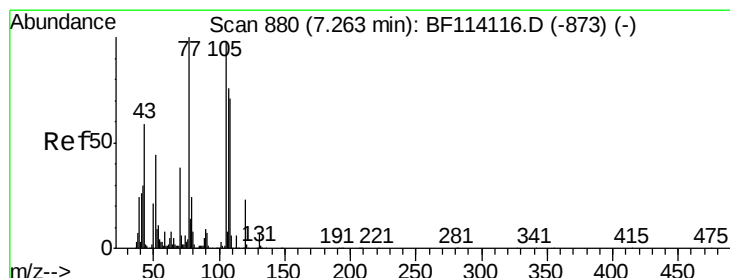
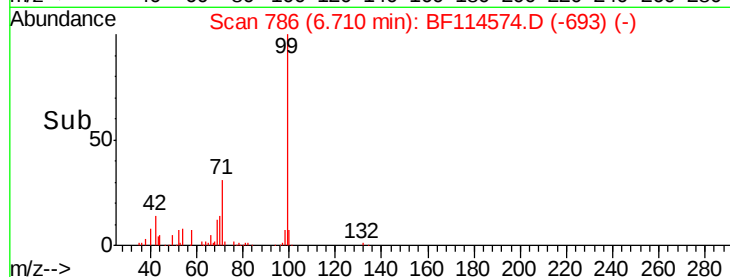
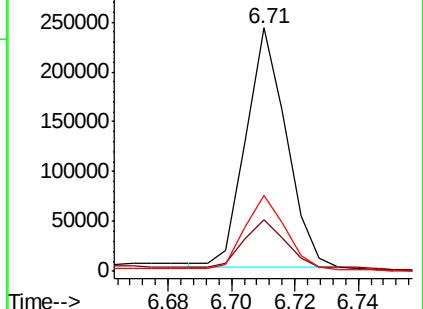
71 31.4 26.2 39.2



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



#20

3+4-Methylphenols

Concen: 5.167 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

Tgt Ion:107 Resp: 47735

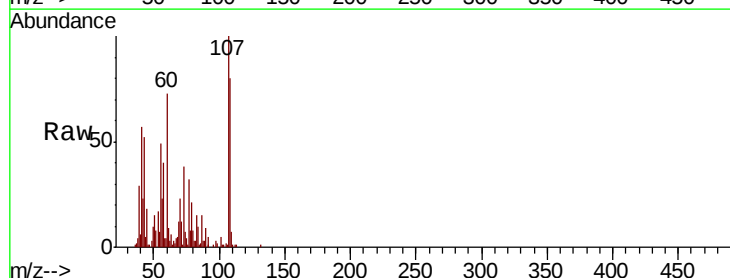
Ion Ratio Lower Upper

107 100

108 80.1 73.8 113.8

77 32.1 111.5 151.5#

79 21.4 12.0 52.0

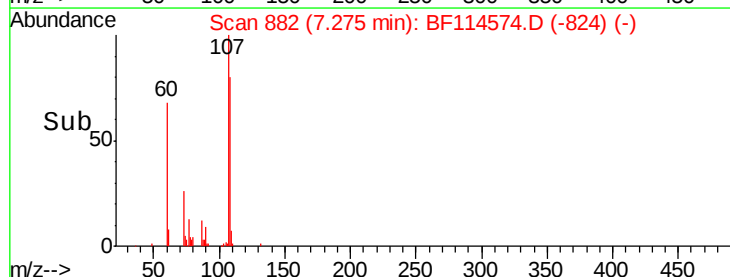
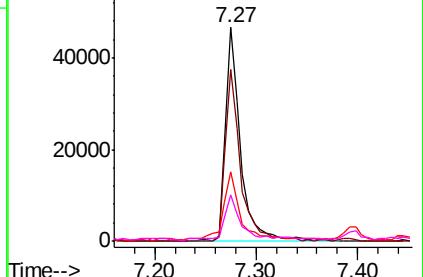


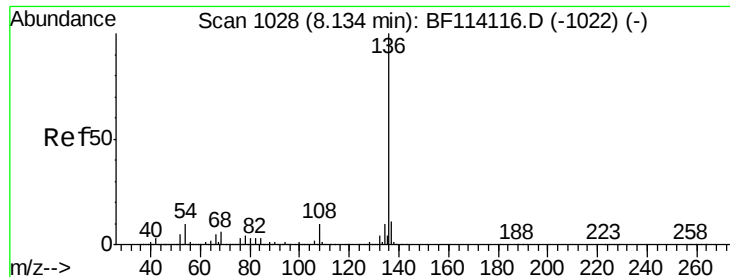
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

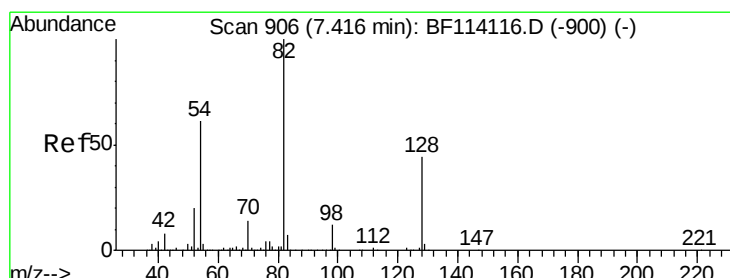
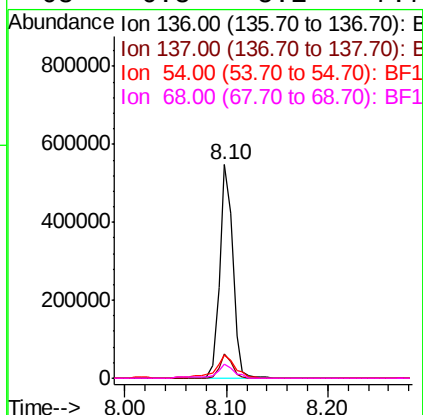
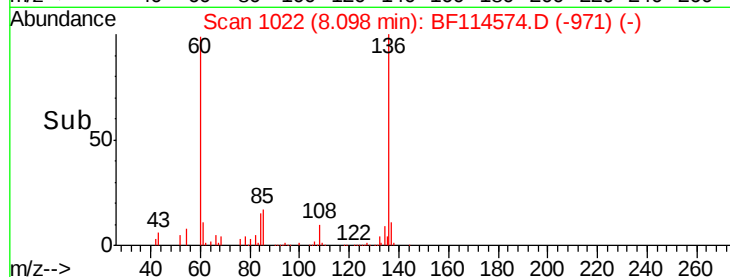
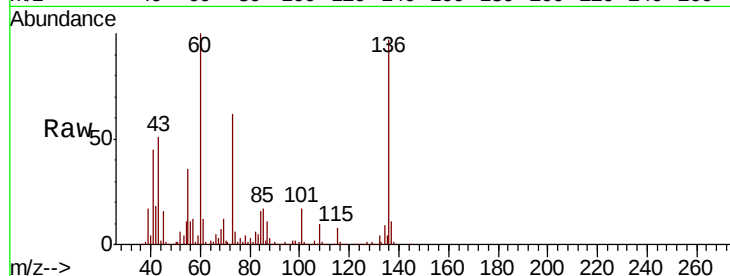




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

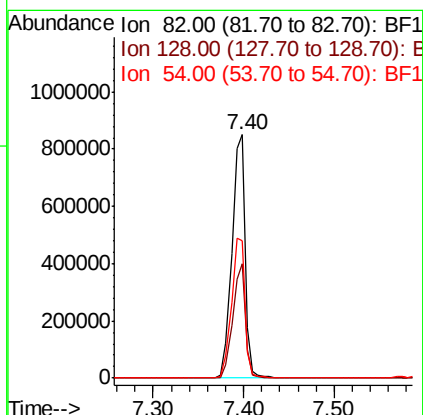
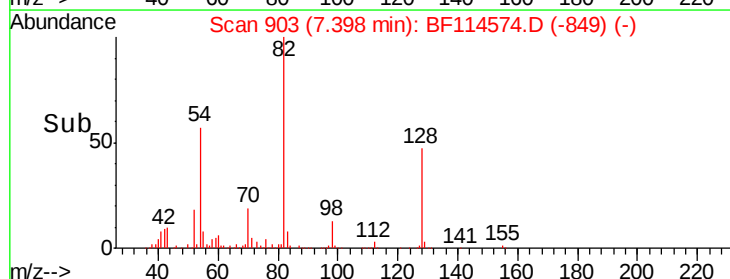
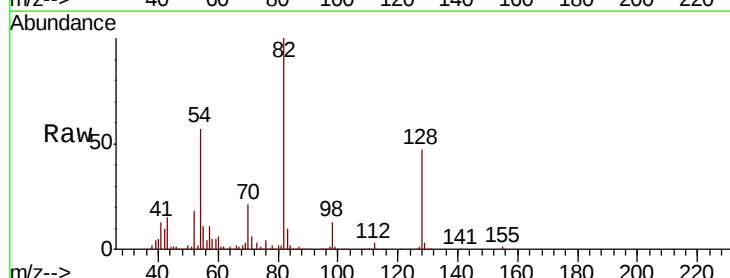
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

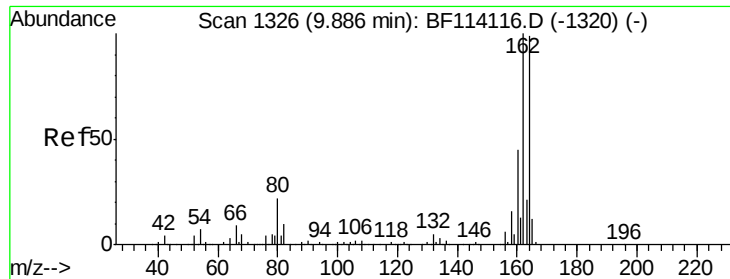
Tot Ion:136	Resp:	488991
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	11.0	7.8 11.8
68	6.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 99.426 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.02 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion: 82	Resp:	866326
Ion Ratio	Lower	Upper
82	100	
128	46.8	35.5 53.3
54	56.6	48.5 72.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

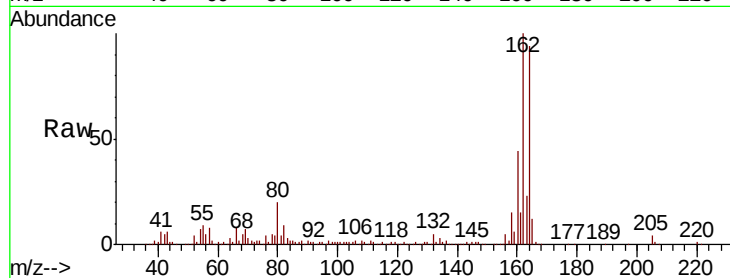
Tot Ion:164 Resp: 256173

Ion Ratio Lower Upper

164 100

162 106.2 80.6 120.8

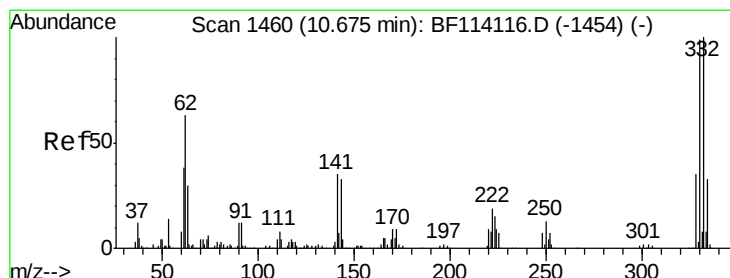
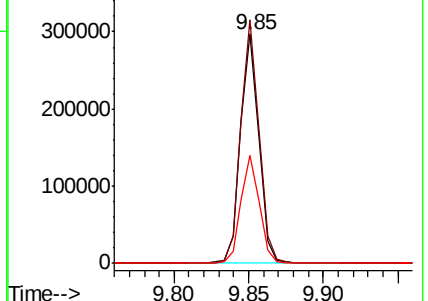
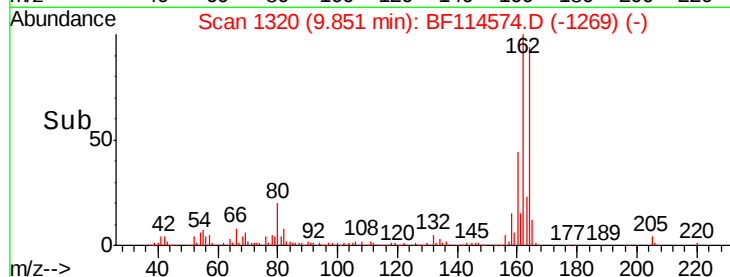
160 47.1 36.5 54.7



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: 87.951 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

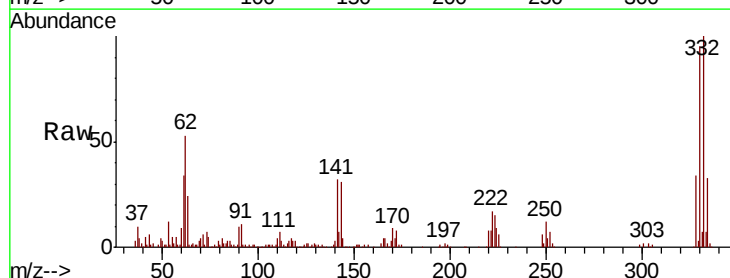
Tgt Ion:330 Resp: 232928

Ion Ratio Lower Upper

330 100

332 103.9 81.4 122.2

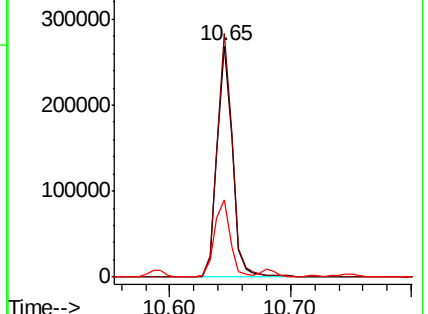
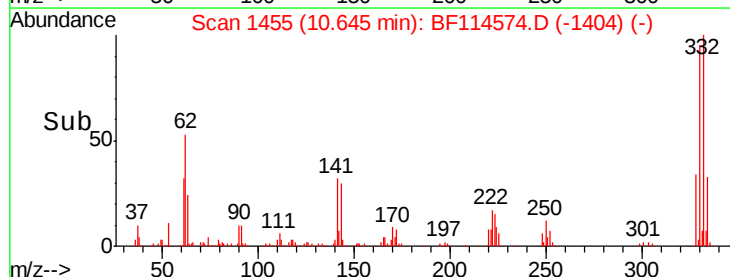
141 34.4 26.6 40.0

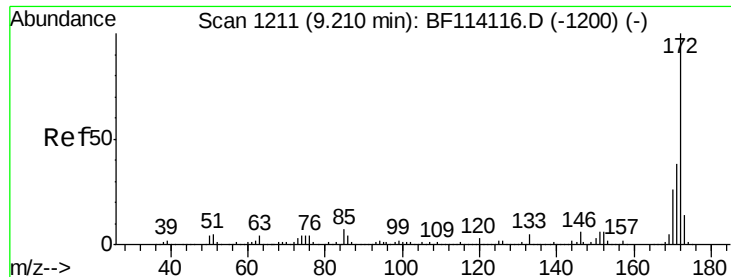


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

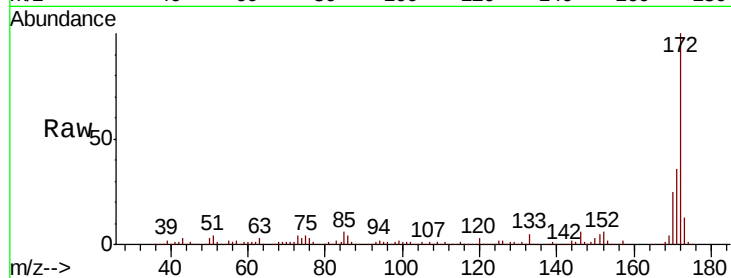




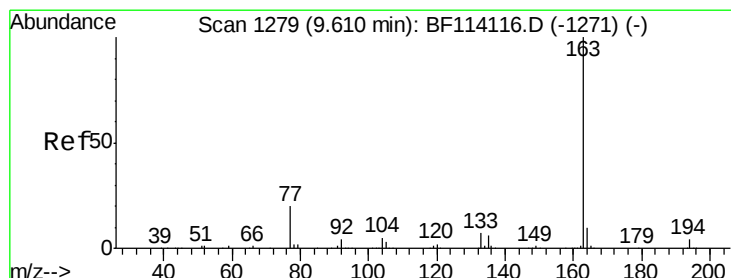
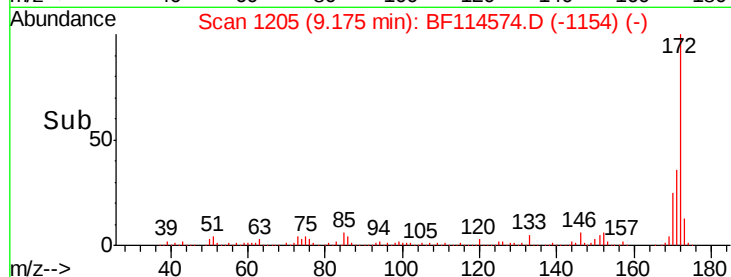
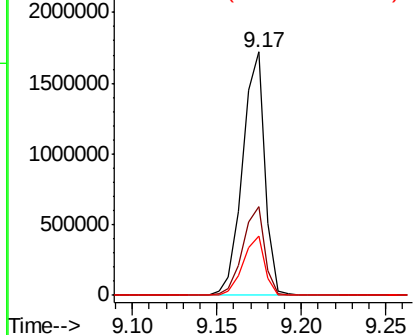
#45
2-Fluorobiphenyl
Concen: 93.563 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:172 Resp: 1584503
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.5 20.5 30.7

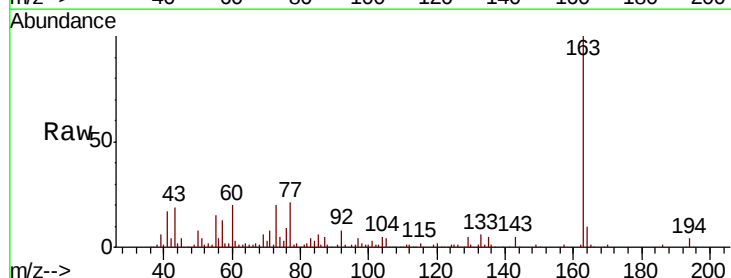


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

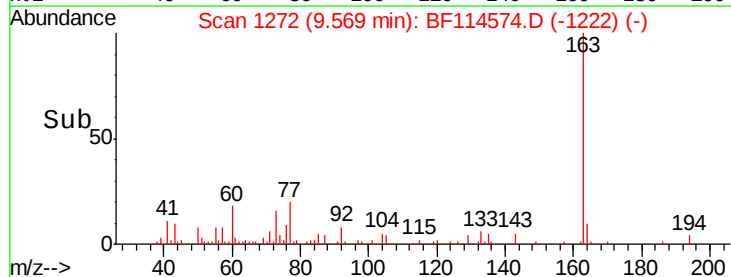
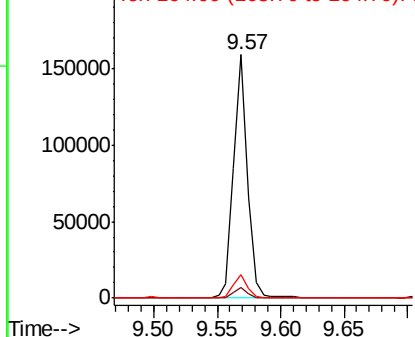


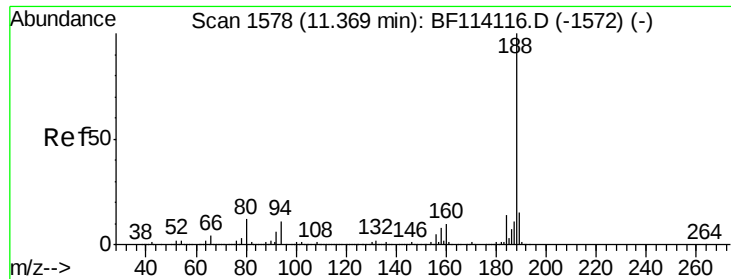
#50
Dimethylphthalate
Concen: 6.373 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:163 Resp: 119856
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.6 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

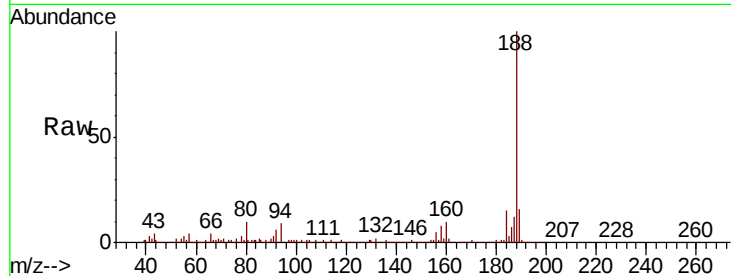
Tot Ion:188 Resp: 465254

Ion Ratio Lower Upper

188 100

94 9.4 8.4 12.6

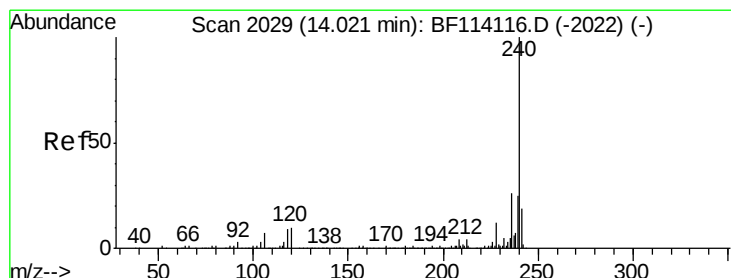
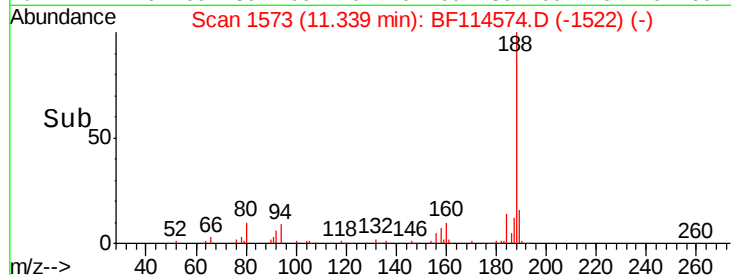
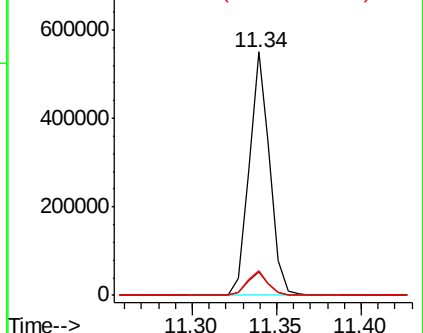
80 10.0 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

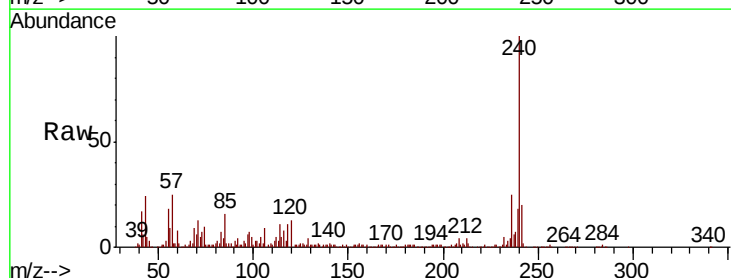
Tgt Ion:240 Resp: 310191

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

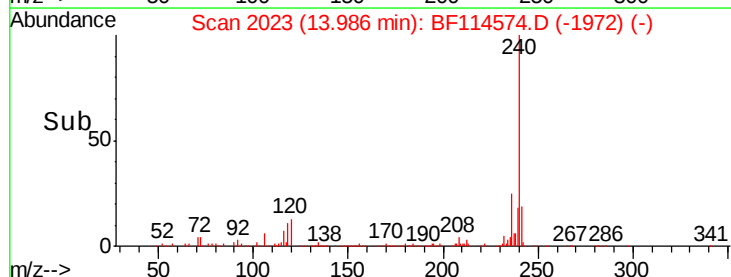
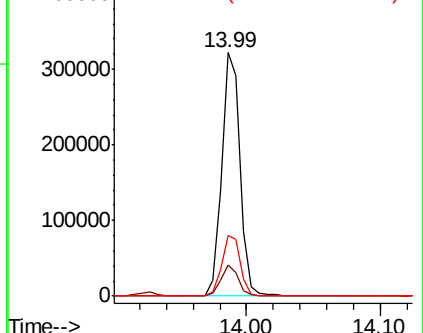
236 25.1 20.8 31.2

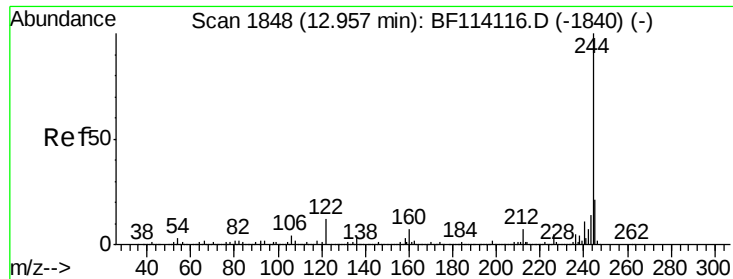


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.001 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

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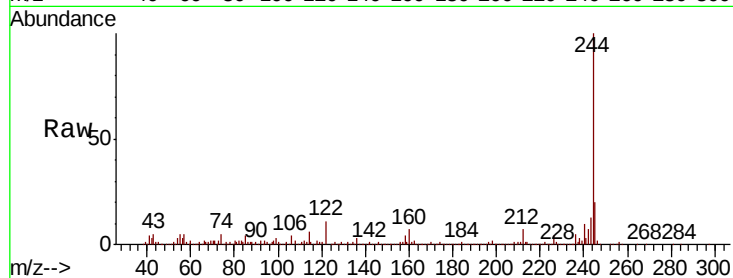
Tot Ion:244 Resp: 1203800

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

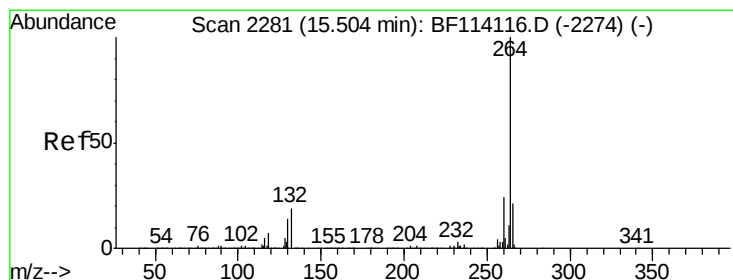
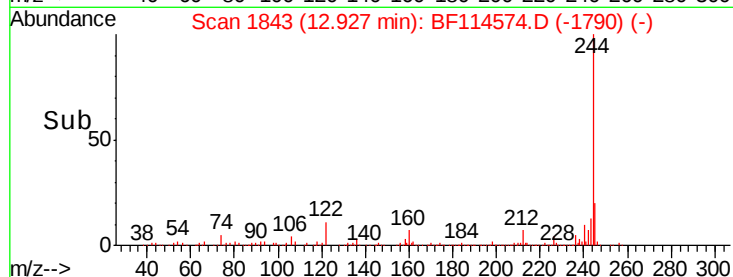
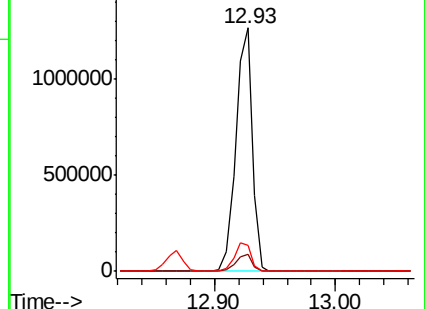
122 10.7 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF114574.D

Acq: 24 May 2019 17:26

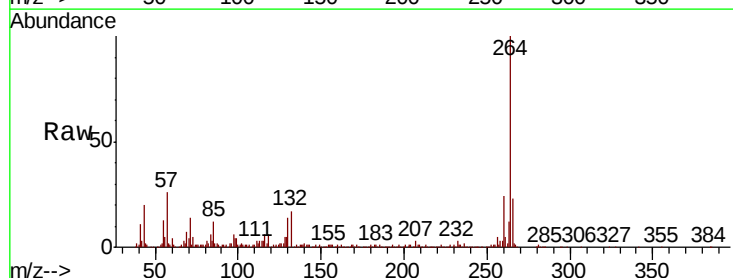
Tgt Ion:264 Resp: 367807

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.5 16.9 25.3



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

