

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120309.D
 Acq On : 14 May 2020 23:46
 Operator : MA/SJ
 Sample : L2640-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-CAKE

Quant Time: May 15 04:40:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

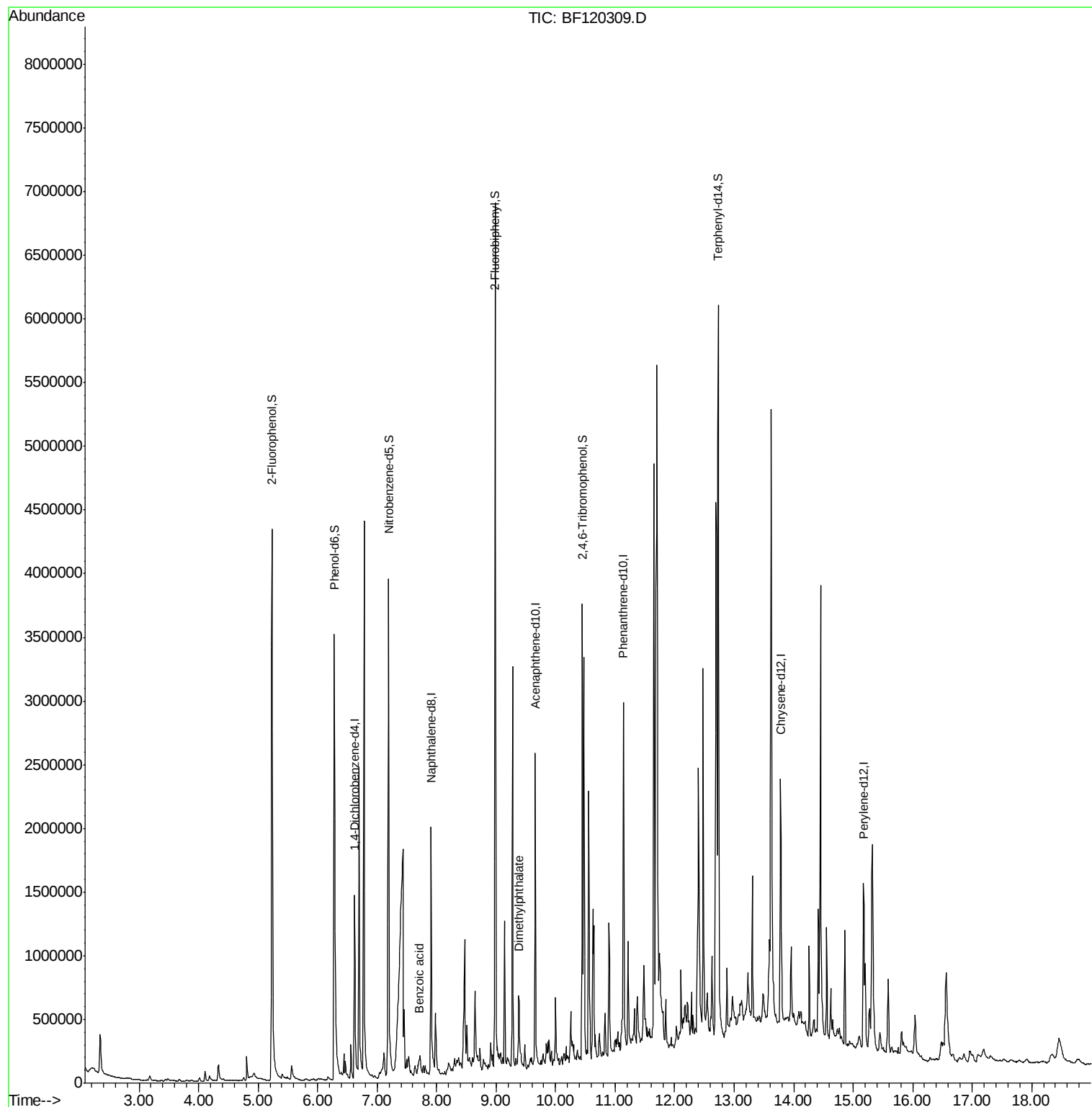
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	277394	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1120662	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	533477	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1199069	20.00	ng	0.00
76) Chrysene-d12	13.78	240	702250	20.00	ng	0.00
87) Perylene-d12	15.17	264	592917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1511765	106.04	ng	0.00
7) Phenol-d6	6.28	99	1728191	95.86	ng	0.00
23) Nitrobenzene-d5	7.19	82	1428852	87.30	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	486188	111.78	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2379824	91.65	ng	0.00
79) Terphenyl-d14	12.73	244	2163718	68.07	ng	0.00
Target Compounds						
32) Benzoic acid	7.71	122	22966	2.614	ng	Qvalue # 84
50) Dimethylphthalate	9.38	163	217061	6.437	ng	100

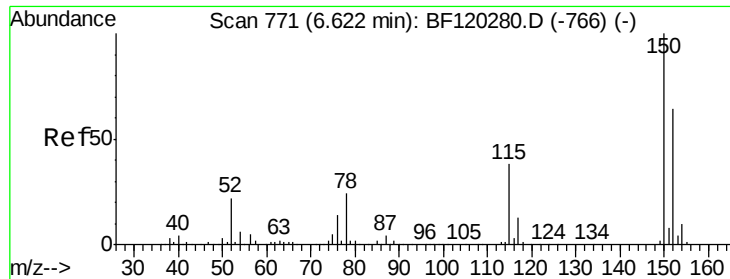
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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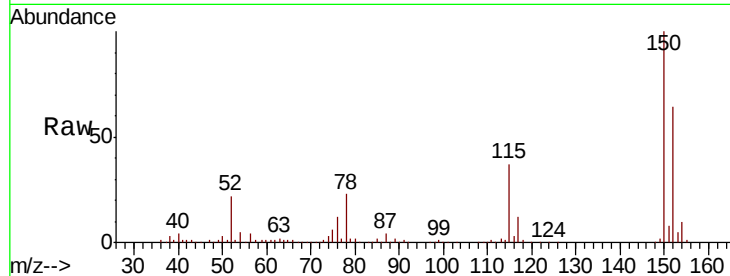


#1

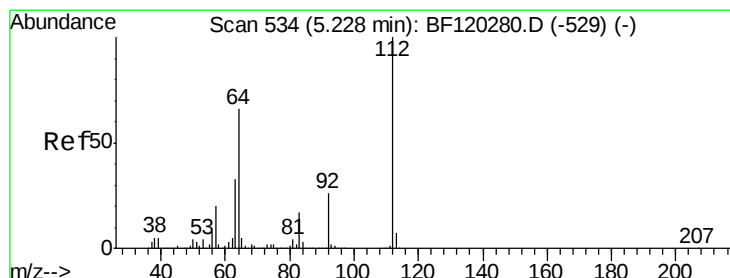
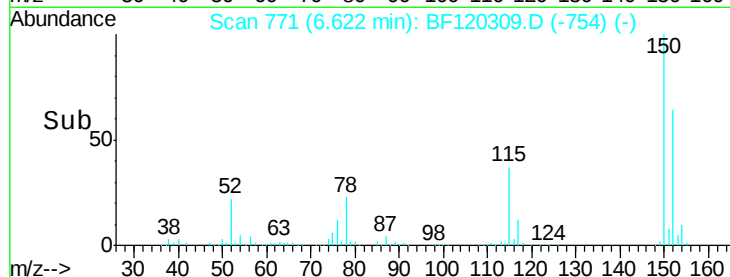
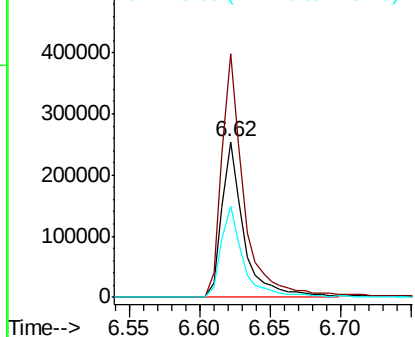
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-CAKE

Tot Ion:152 Resp: 277394
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 58.5 47.9 71.9



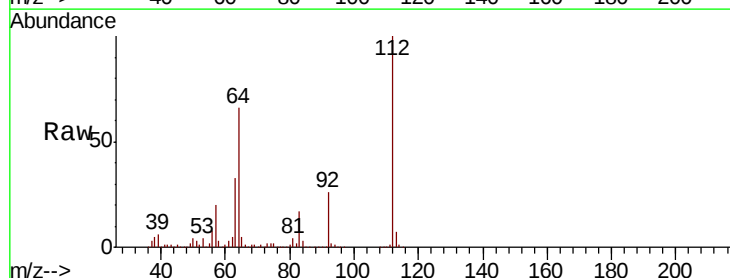
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



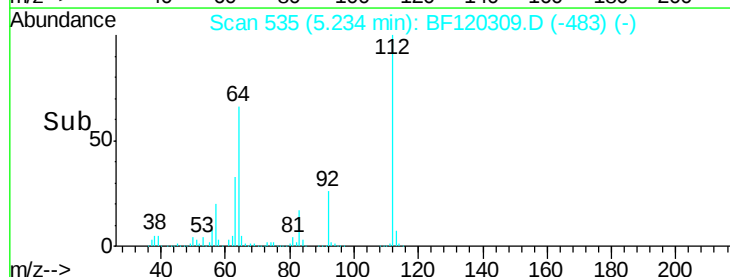
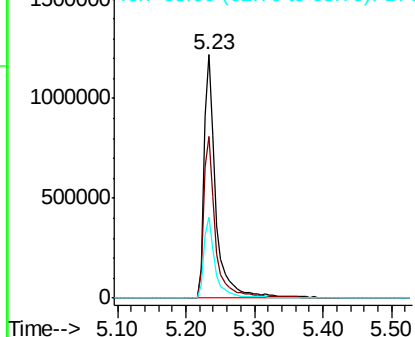
#5

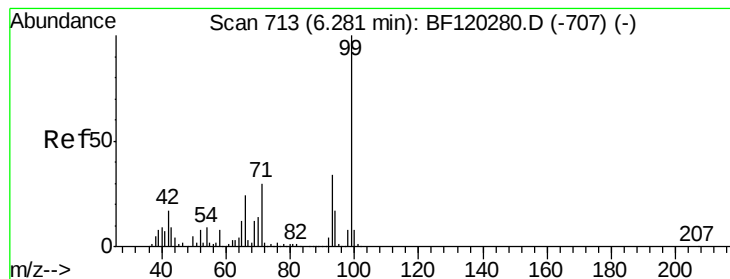
2-Fluorophenol
Concen: 106.039 ng
RT: 5.23 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

Tgt Ion:112 Resp: 1511765
Ion Ratio Lower Upper
112 100
64 66.2 52.7 79.1
63 33.2 26.2 39.4



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: 95.856 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-CAKE

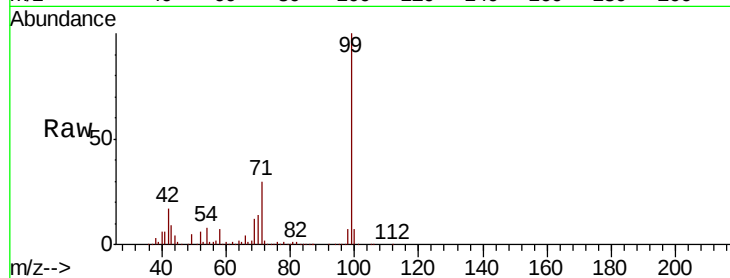
Tot Ion: 99 Resp: 1728191

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

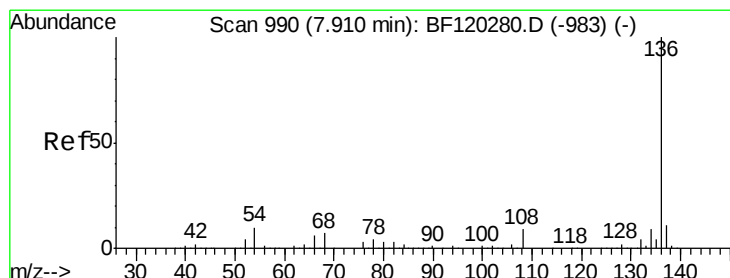
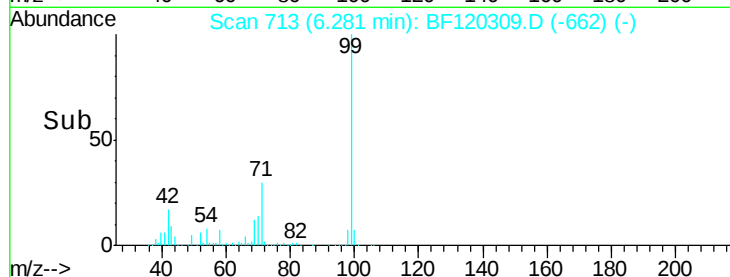
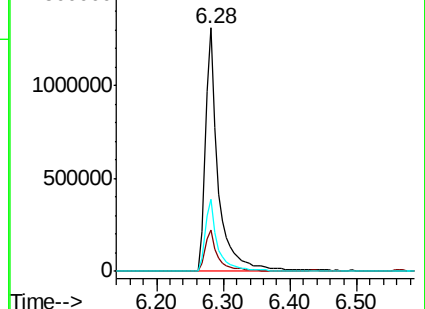
71 29.6 24.2 36.4



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: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Tgt Ion: 136 Resp: 1120662

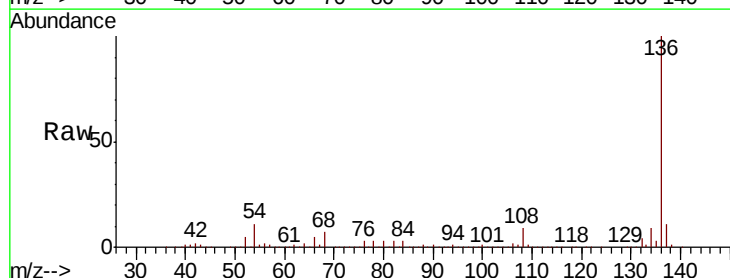
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.7 7.9 11.9

68 7.0 5.4 8.2

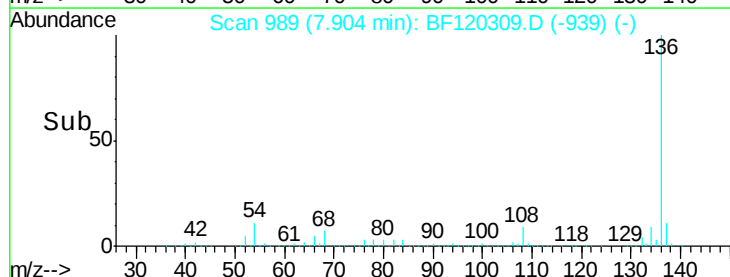
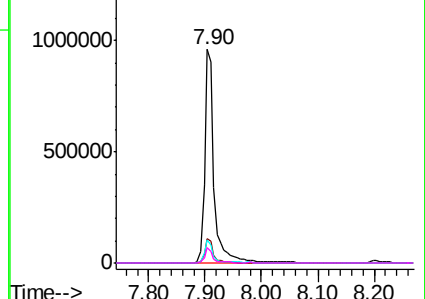


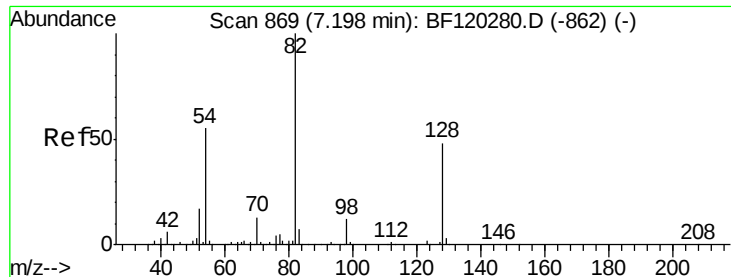
Abundance Ion 136.00 (135.70 to 136.70): E

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

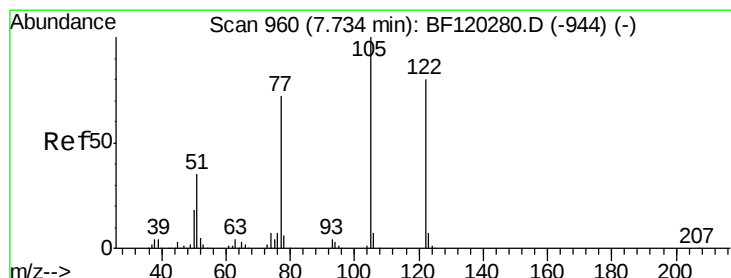
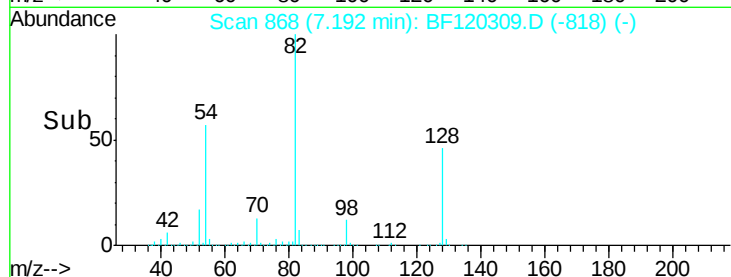
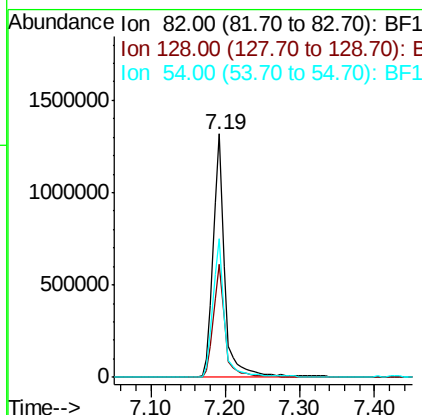
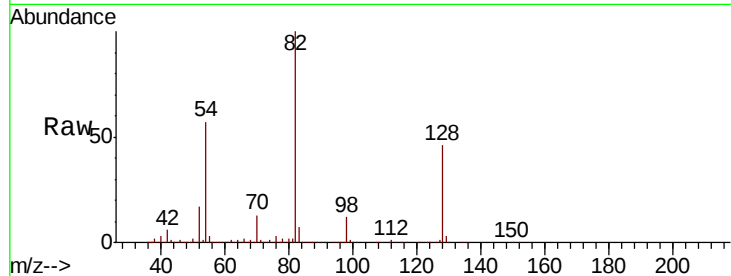




#23
Nitrobenzene-d5
Concen: 87.295 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

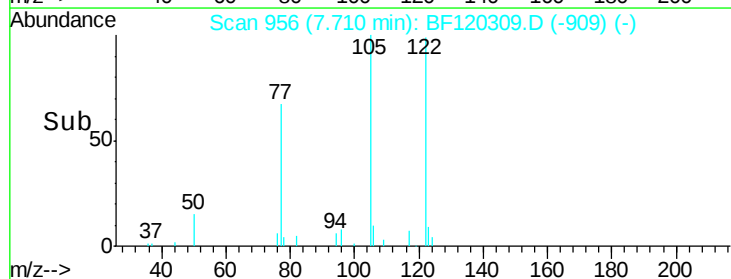
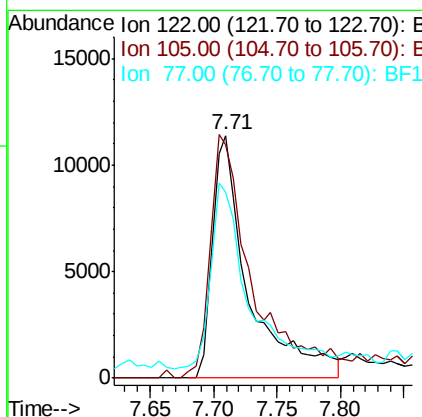
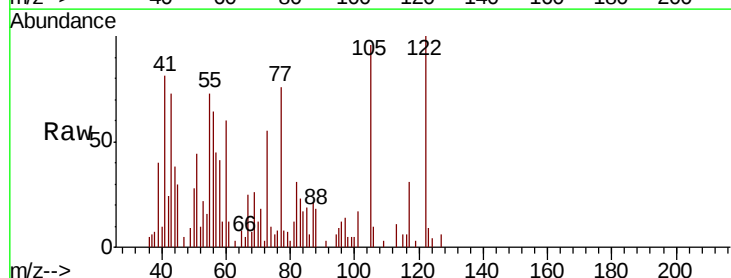
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-CAKE

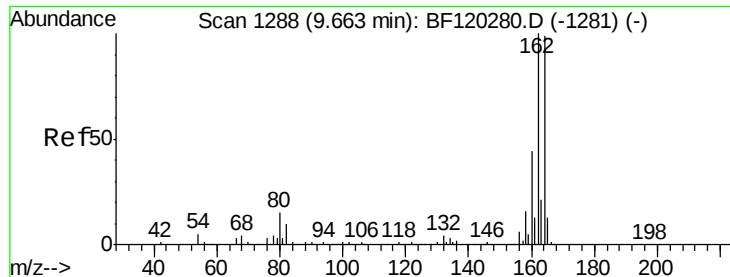
Tot Ion: 82 Resp: 1428852
Ion Ratio Lower Upper
82 100
128 46.4 38.3 57.5
54 56.9 43.9 65.9



#32
Benzoic acid
Concen: 2.614 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

Tgt Ion:122 Resp: 22966
Ion Ratio Lower Upper
122 100
105 96.3 98.1 138.1#
77 76.5 66.7 106.7

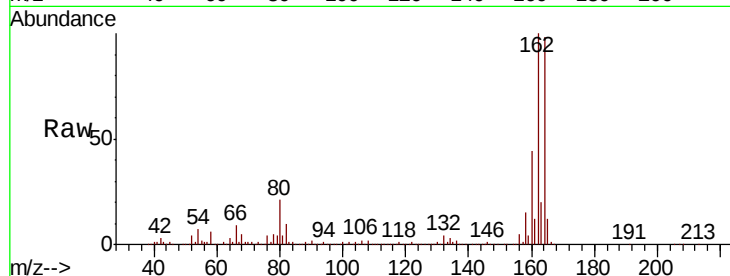




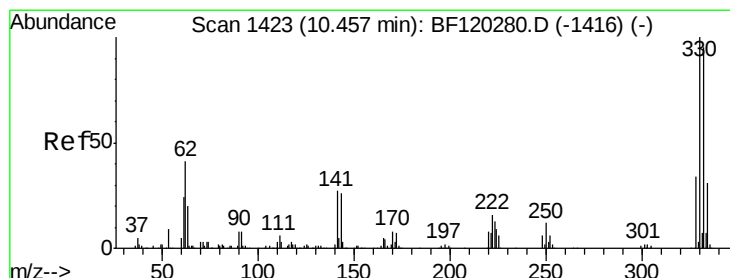
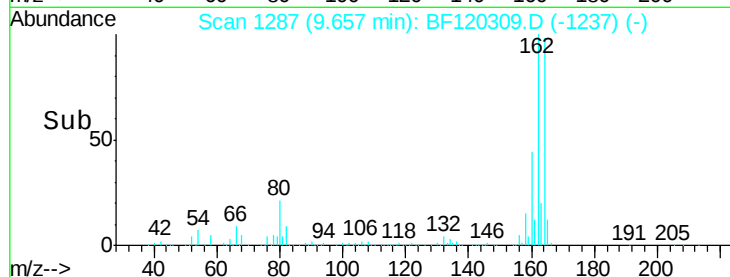
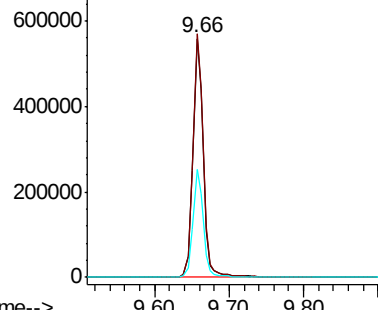
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-CAKE

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	45.3	35.8	53.6

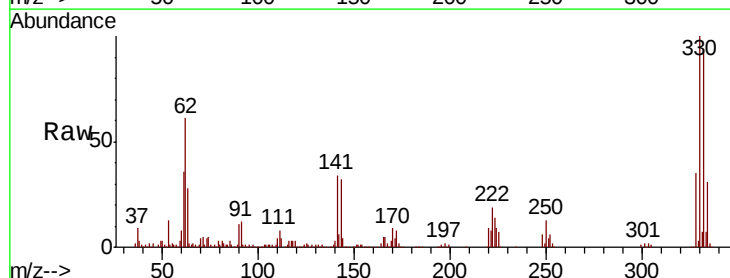


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

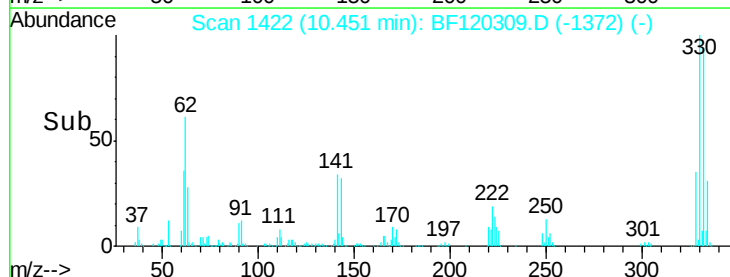
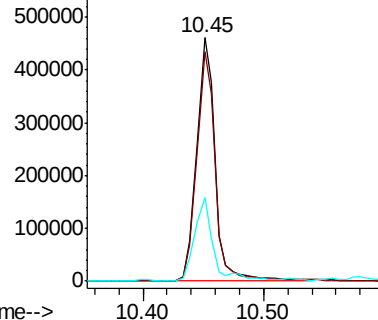


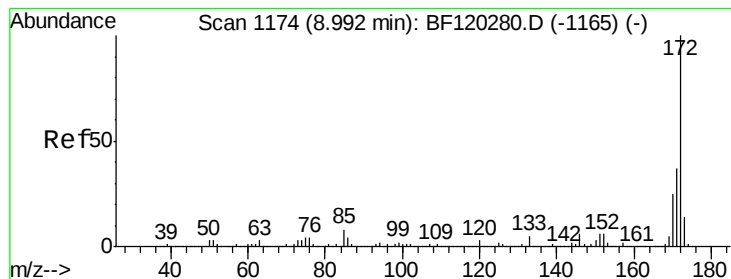
#42
 2,4,6-Tribromophenol
 Concen: 111.775 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.5	114.7
141	34.0	25.4	38.0



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: 91.649 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

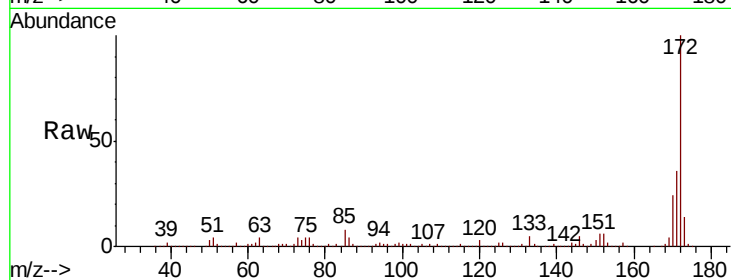
BNA_F

ClientSampleId :

WASTE-WATER-CAKE

Tot Ion:172 Resp: 2379824

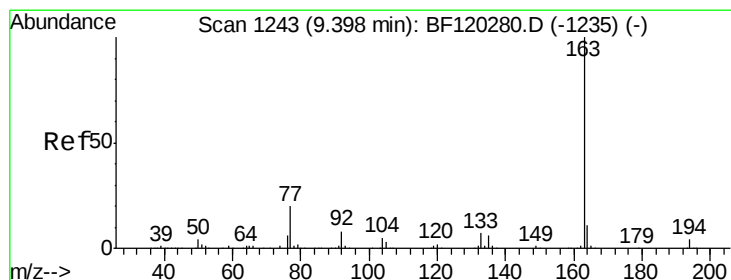
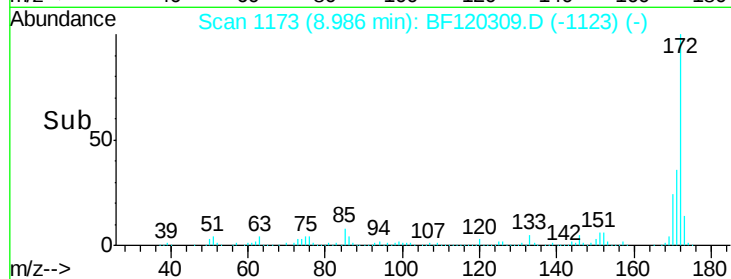
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.9	29.9



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: 6.437 ng

RT: 9.38 min Scan# 1240

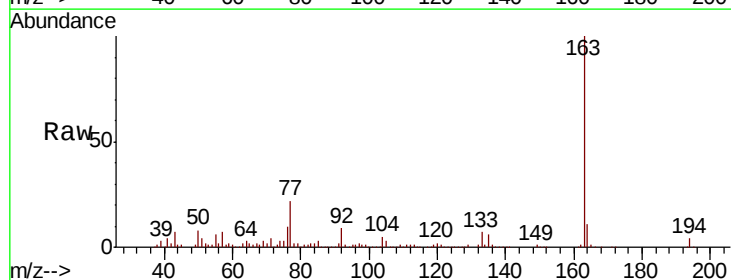
Delta R.T. -0.02 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Tgt Ion:163 Resp: 217061

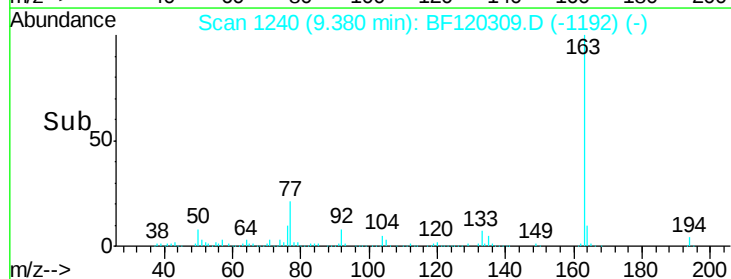
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.5	8.6	12.8

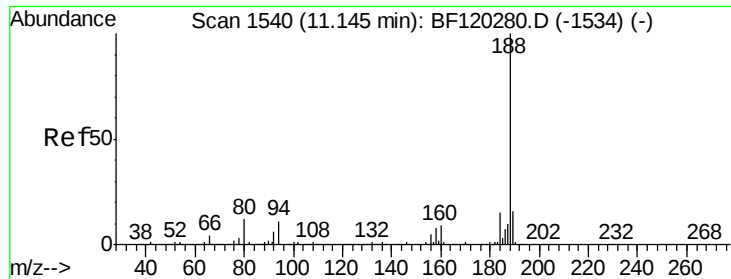


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

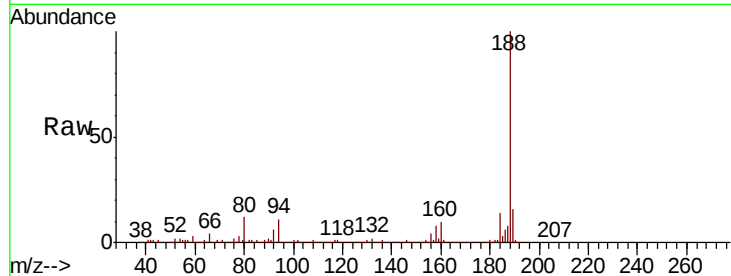




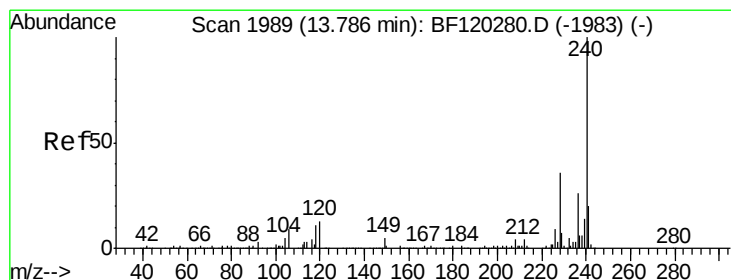
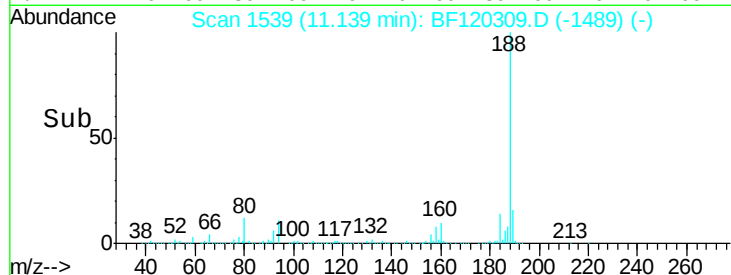
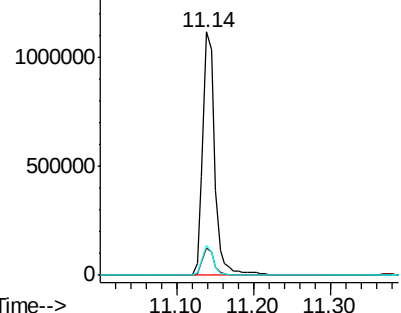
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-CAKE

Tot Ion:188 Resp: 1199069
Ion Ratio Lower Upper
188 100
94 11.2 8.6 13.0
80 12.0 9.2 13.8

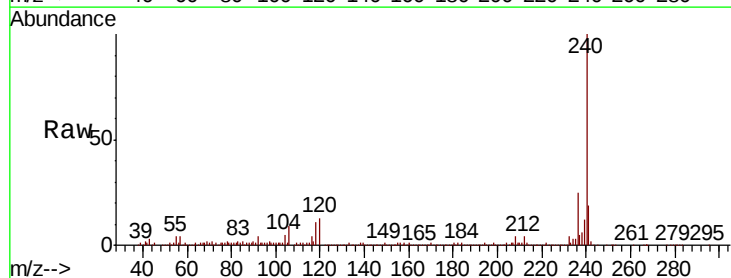


Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

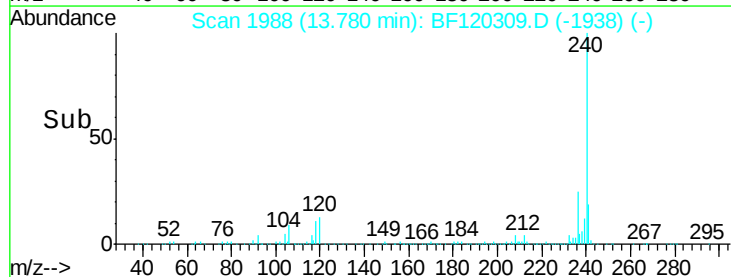
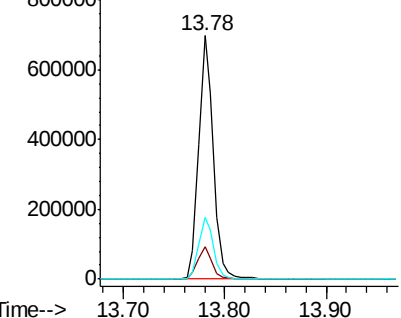


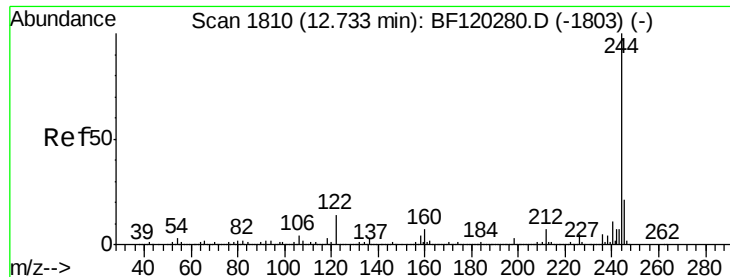
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

Tgt Ion:240 Resp: 702250
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 25.2 21.0 31.6



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: 68.069 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

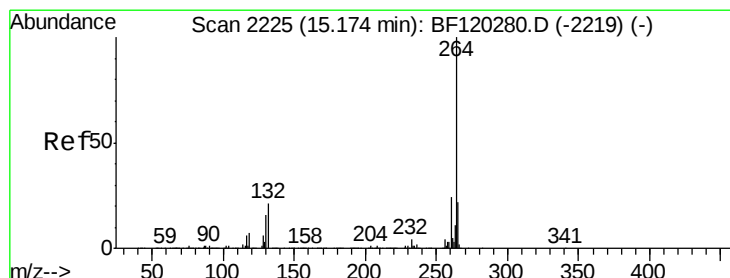
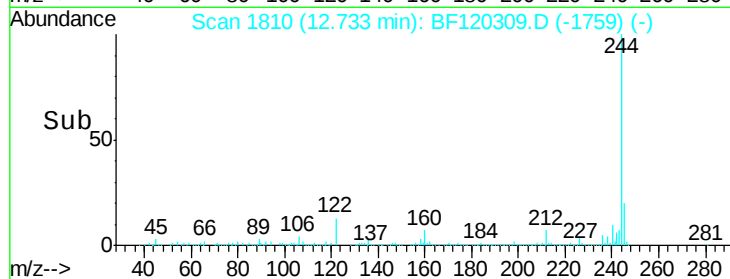
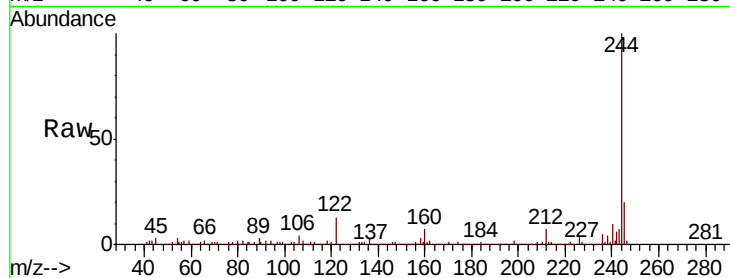
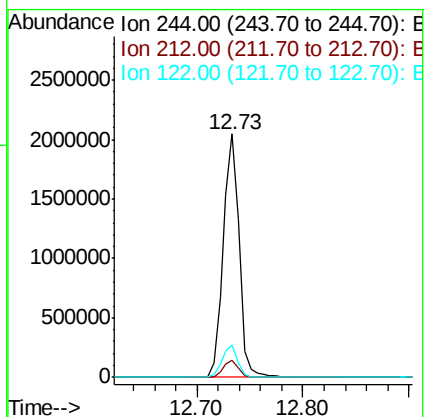
BNA_F

ClientSampleId :

WASTE-WATER-CAKE

Tot Ion:244 Resp: 2163718

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.1	10.8	16.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Tgt Ion:264 Resp: 592917

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.3	17.5	26.3

