

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120222.D
 Acq On : 27 Apr 2020 16:43
 Operator : MA/SJ
 Sample : L2401-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRAINAGE-SEWALE

Quant Time: Apr 28 01:20:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	123352	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	469511	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	235725	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	445521	20.00	ng	0.00
76) Chrysene-d12	13.82	240	321467	20.00	ng	-0.02
87) Perylene-d12	15.23	264	244618	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	857474	120.13	ng	0.00
7) Phenol-d6	6.32	99	1050077	114.17	ng	-0.01
23) Nitrobenzene-d5	7.23	82	803380	88.52	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	352222	122.04	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1568813	94.49	ng	0.00
79) Terphenyl-d14	12.78	244	1700127	88.99	ng	0.00

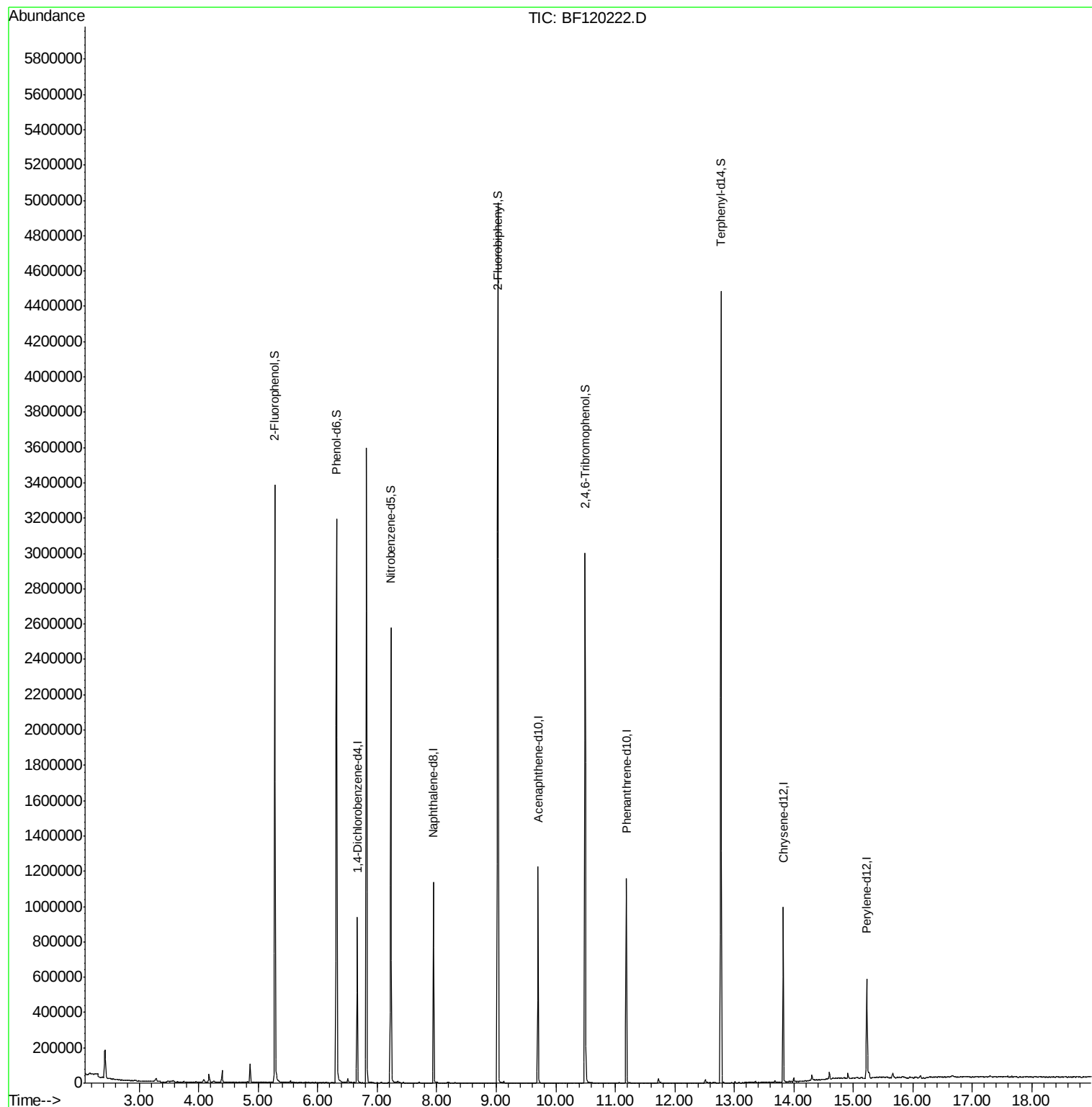
Target Compounds Qvalue

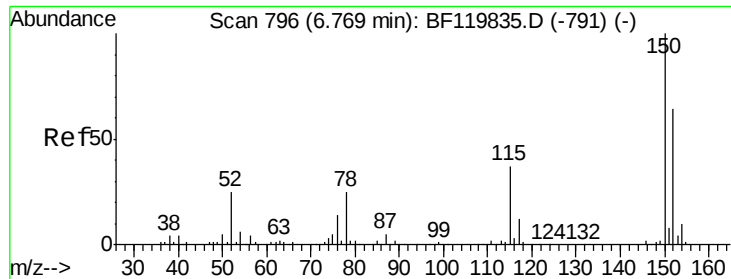
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120222.D

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BNA_F

ClientSampleId :

DRAINAGE-SEWALE

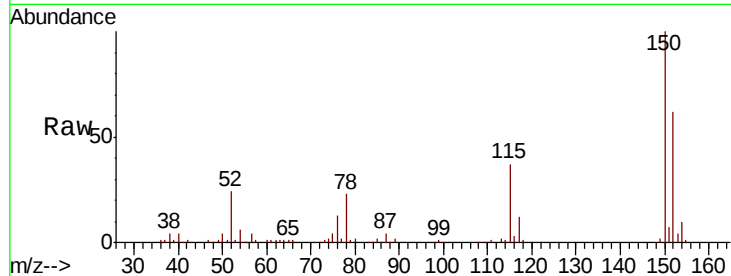
Tot Ion:152 Resp: 123352

Ion Ratio Lower Upper

152 100

150 160.9 124.5 186.7

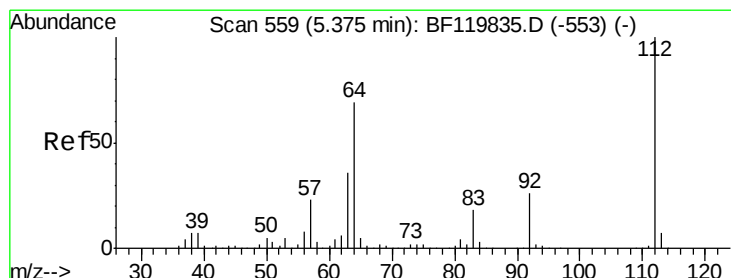
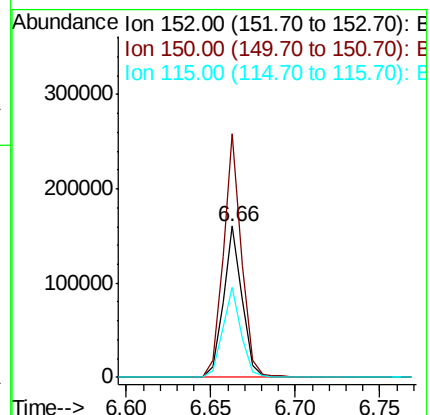
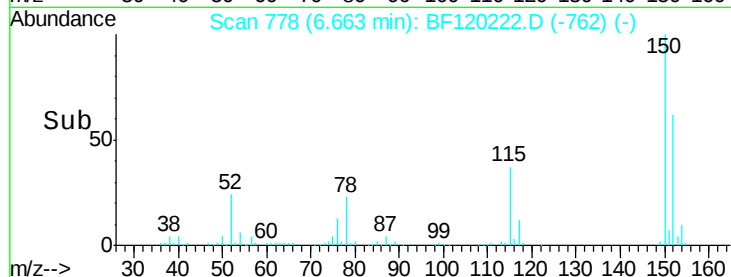
115 59.8 49.6 74.4



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: 120.134 ng

RT: 5.28 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF120222.D

Acq: 27 Apr 2020 16:43

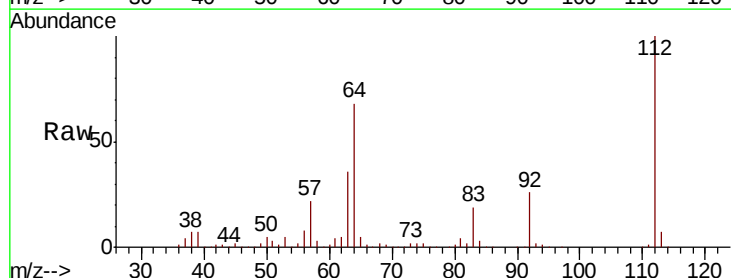
Tgt Ion:112 Resp: 857474

Ion Ratio Lower Upper

112 100

64 68.1 56.7 85.1

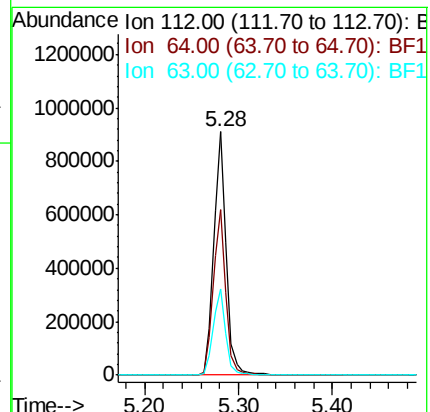
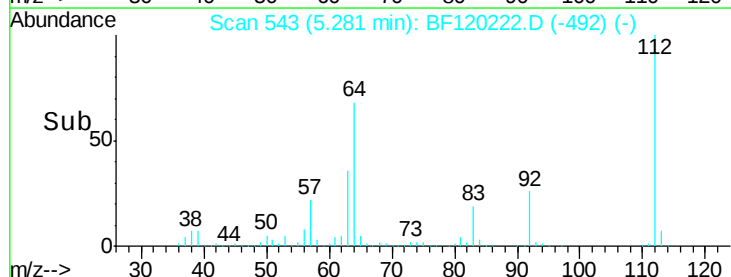
63 35.5 29.5 44.3

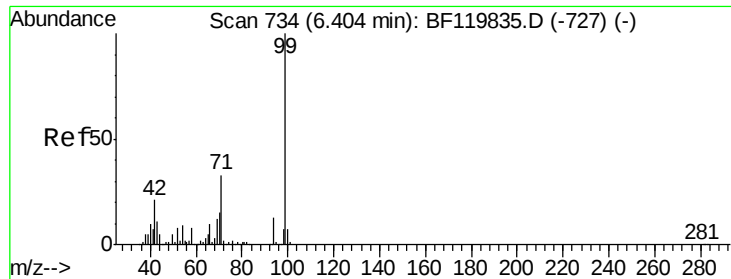


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.173 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120222.D

Acq: 27 Apr 2020 16:43

Instrument :

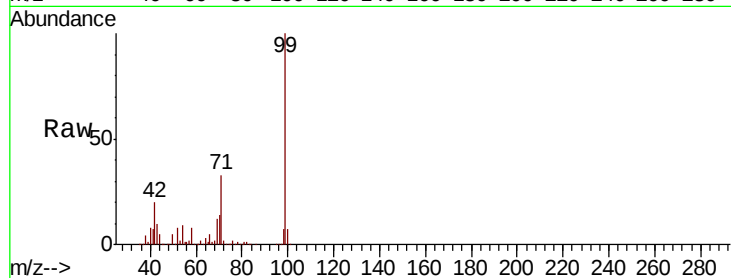
BNA_F

ClientSampleId :

DRAINAGE-SEWALE

Tot Ion: 99 Resp: 1050077

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	32.6	26.4	39.6

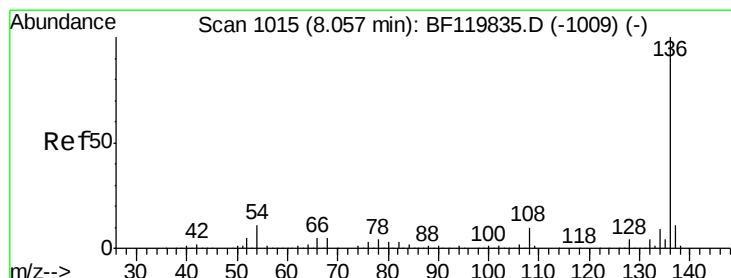
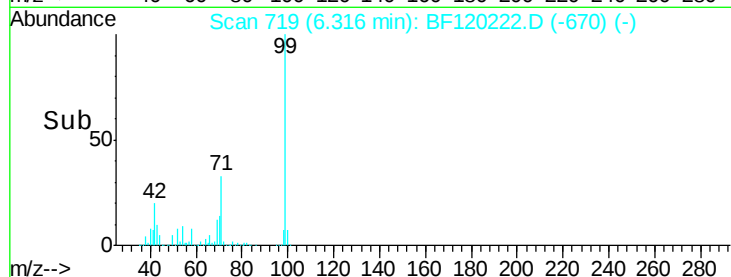


Abundance

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: 7.95 min Scan# 996

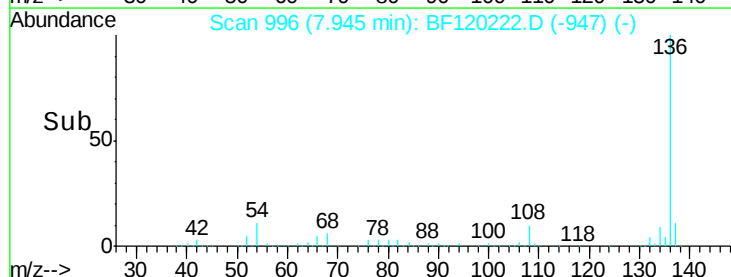
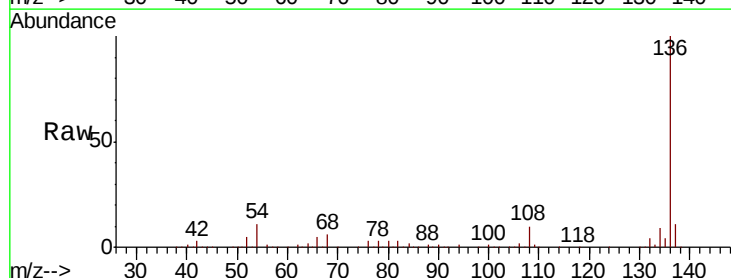
Delta R.T. -0.01 min

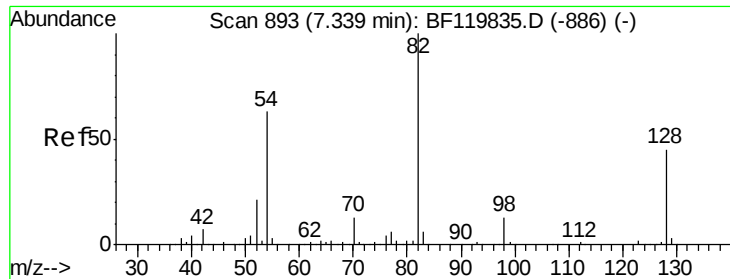
Lab File: BF120222.D

Acq: 27 Apr 2020 16:43

Tgt Ion: 136 Resp: 469511

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.5	9.1	13.7
68	6.0	4.6	6.8

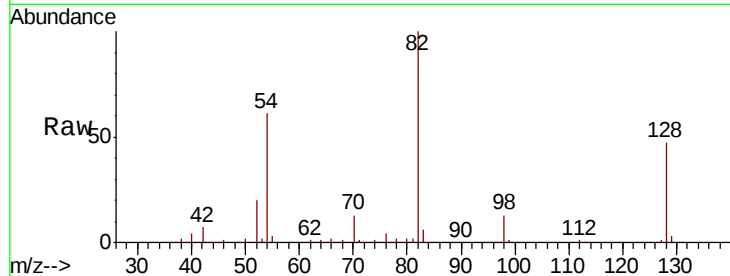




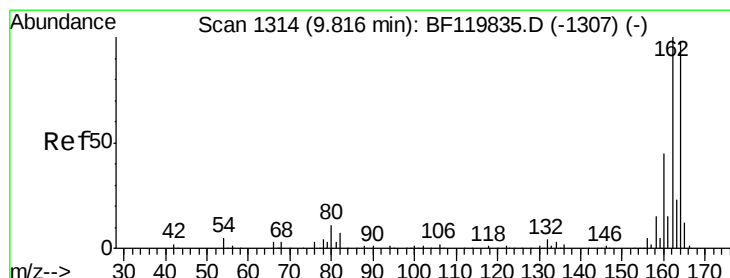
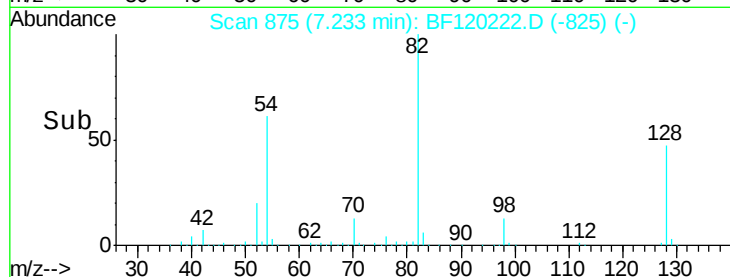
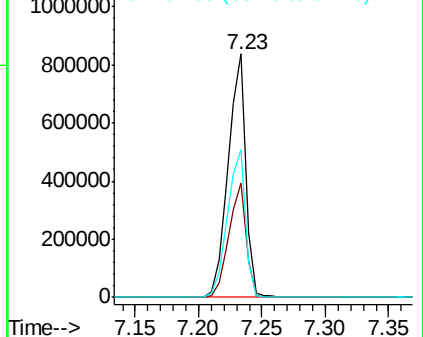
#23
 Nitrobenzene-d5
 Concen: 88.521 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120222.D
 Acq: 27 Apr 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :
 DRAINAGE-SEWALE

Tot Ion: 82 Resp: 803380
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 60.8 50.6 75.8

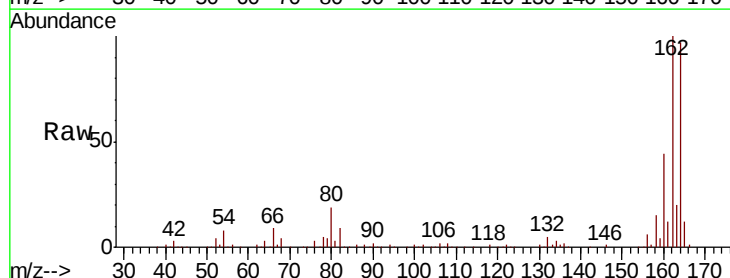


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

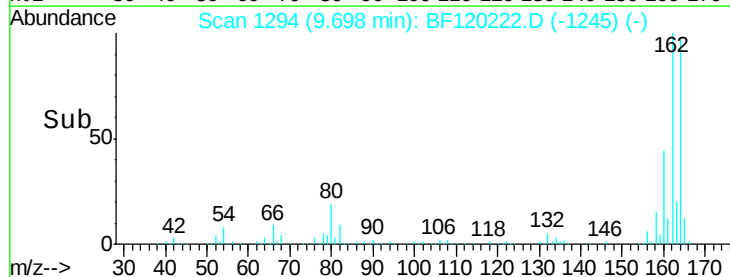
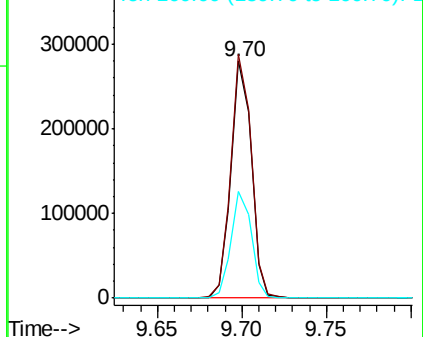


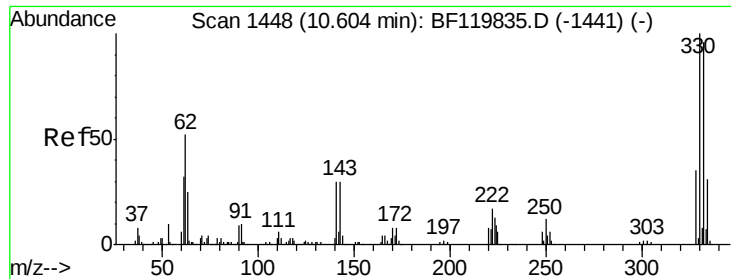
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120222.D
 Acq: 27 Apr 2020 16:43

Tgt Ion:164 Resp: 235725
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.6 121.0
 160 45.3 35.7 53.5



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

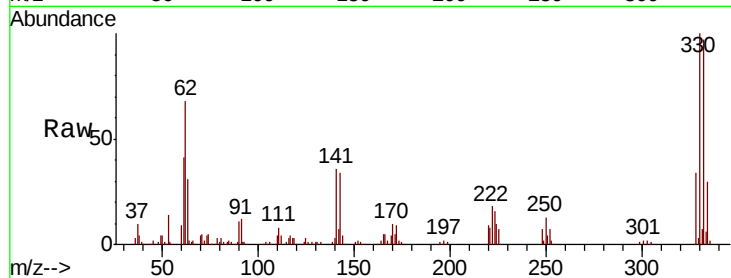




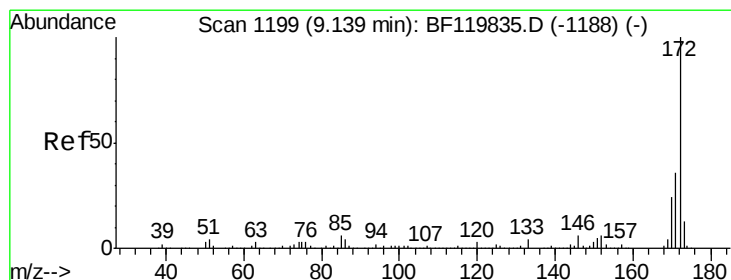
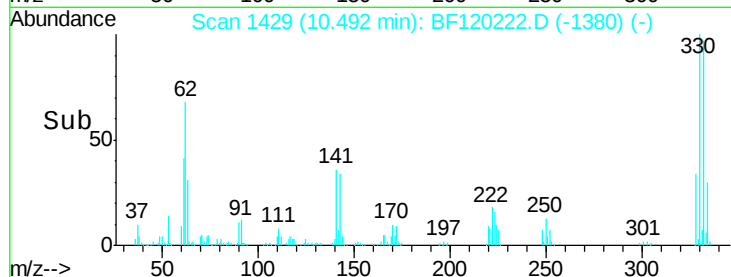
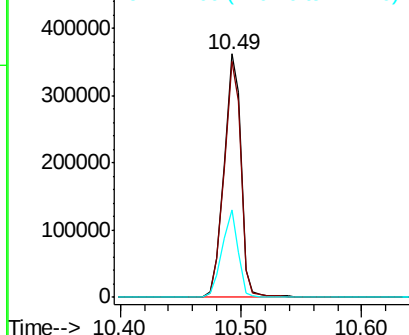
#42
 2,4,6-Tribromophenol
 Concen: 122.042 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120222.D
 Acq: 27 Apr 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :
 DRAINAGE-SEWALE

Tot Ion:330 Resp: 352222
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 33.9 25.4 38.0

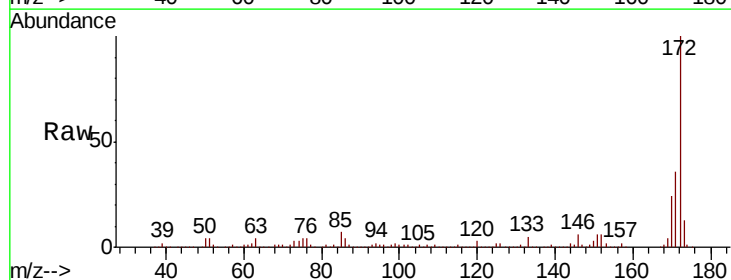


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

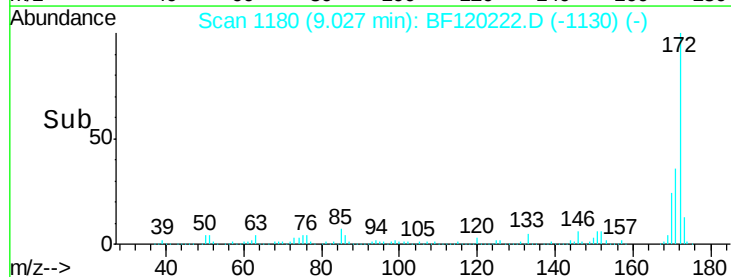
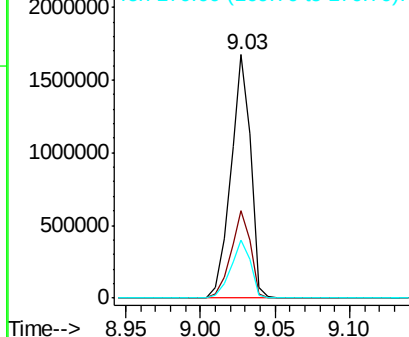


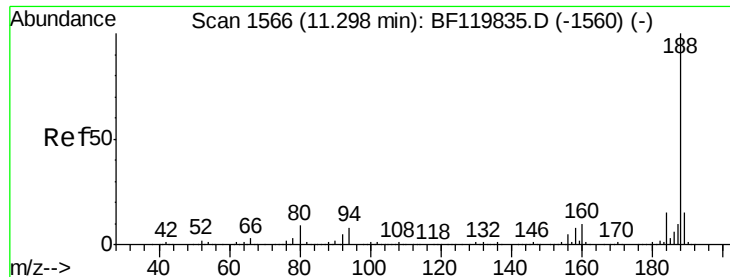
#45
 2-Fluorobiphenyl
 Concen: 94.490 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120222.D
 Acq: 27 Apr 2020 16:43

Tgt Ion:172 Resp: 1568813
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 20.2 30.2



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

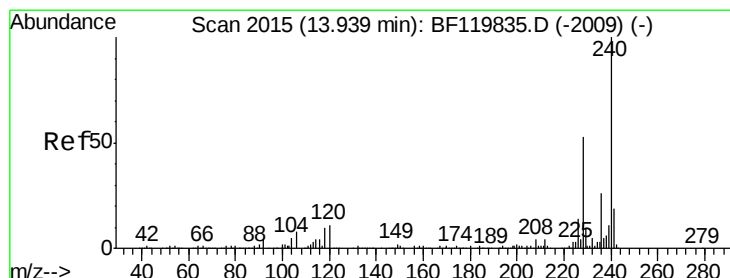
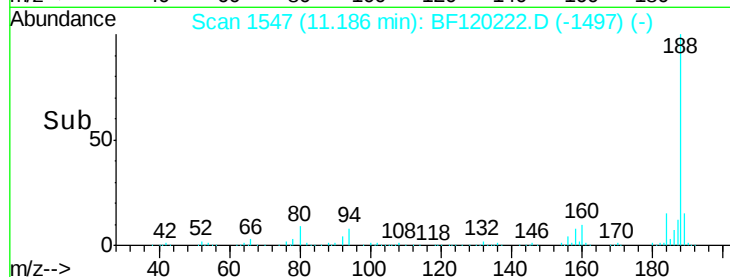
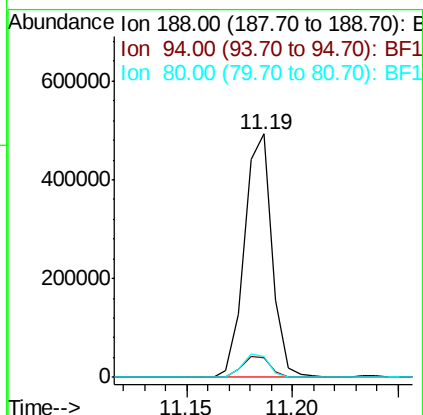
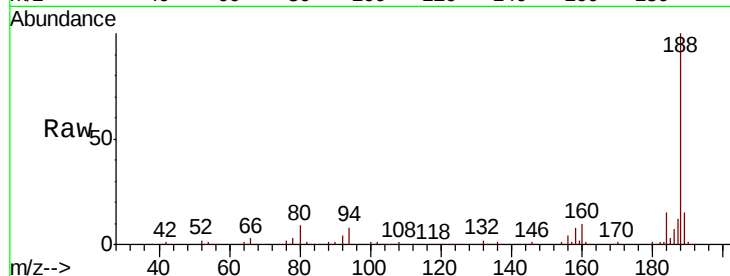




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120222.D
Acq: 27 Apr 2020 16:43

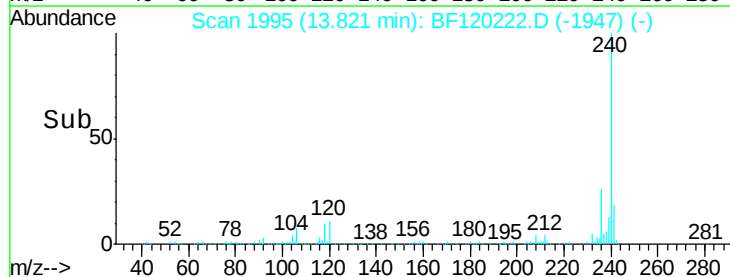
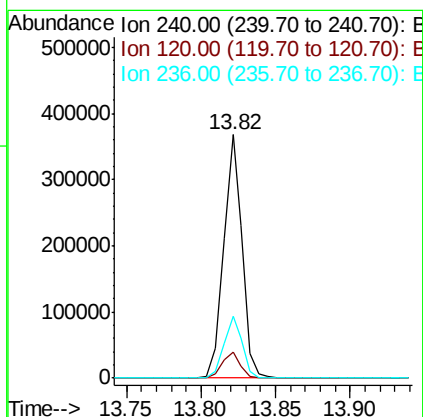
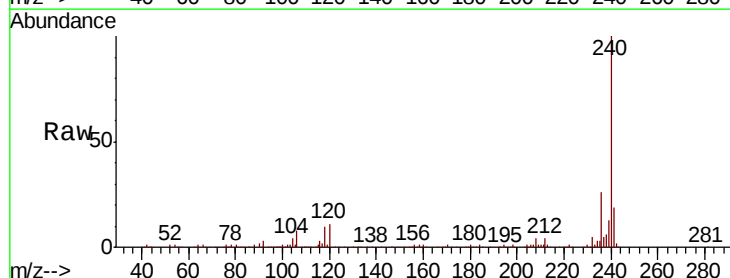
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DRAINAGE-SEWALE

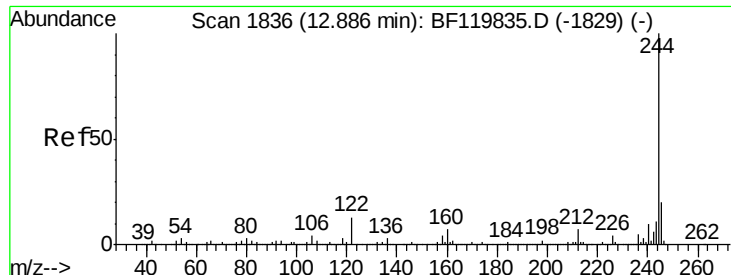
Tot Ion:188 Resp: 445521
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.7 9.0 13.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF120222.D
Acq: 27 Apr 2020 16:43

Tgt Ion:240 Resp: 321467
Ion Ratio Lower Upper
240 100
120 10.6 10.6 15.8
236 25.6 20.2 30.2





#79

Terphenyl-d14

Concen: 88.990 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120222.D

Acq: 27 Apr 2020 16:43

Instrument :

BNA_F

ClientSampleId :

DRAINAGE-SEWALE

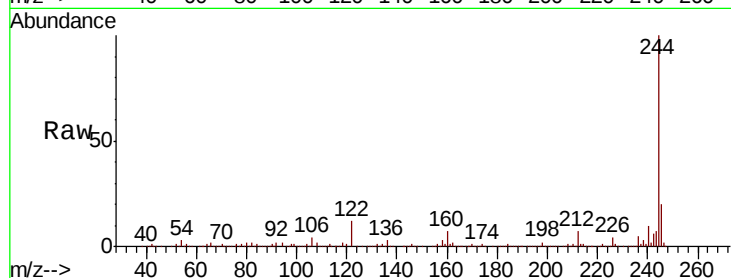
Tot Ion:244 Resp: 1700127

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

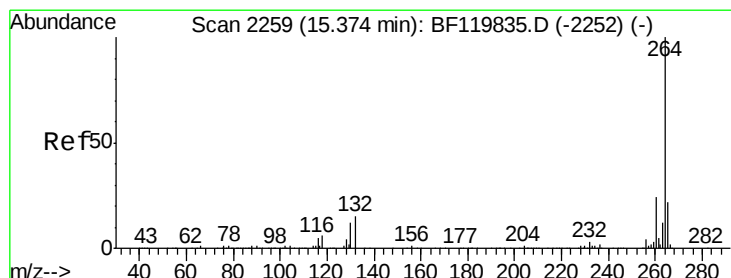
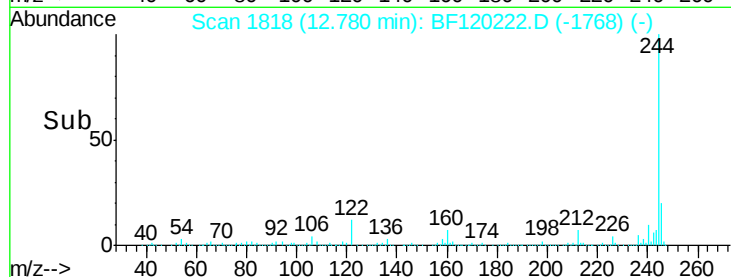
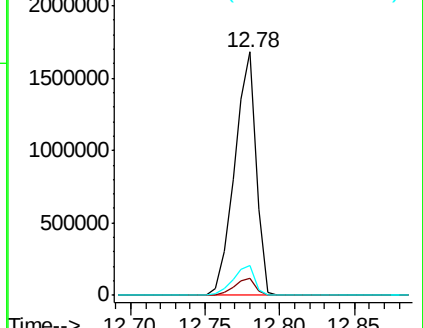
122 12.1 10.3 15.5



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF120222.D

Acq: 27 Apr 2020 16:43

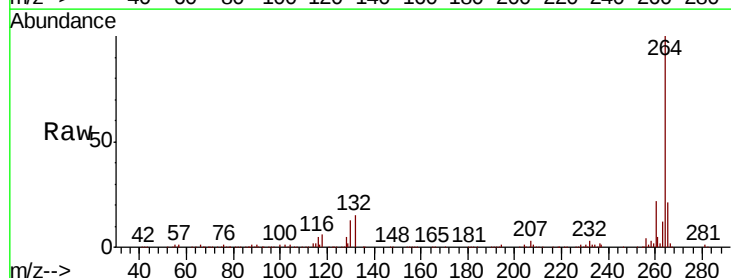
Tgt Ion:264 Resp: 244618

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.8 17.7 26.5



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

