

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119777.D
 Acq On : 6 Apr 2020 17:39
 Operator : MA/SJ
 Sample : L2144-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 06 18:33:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

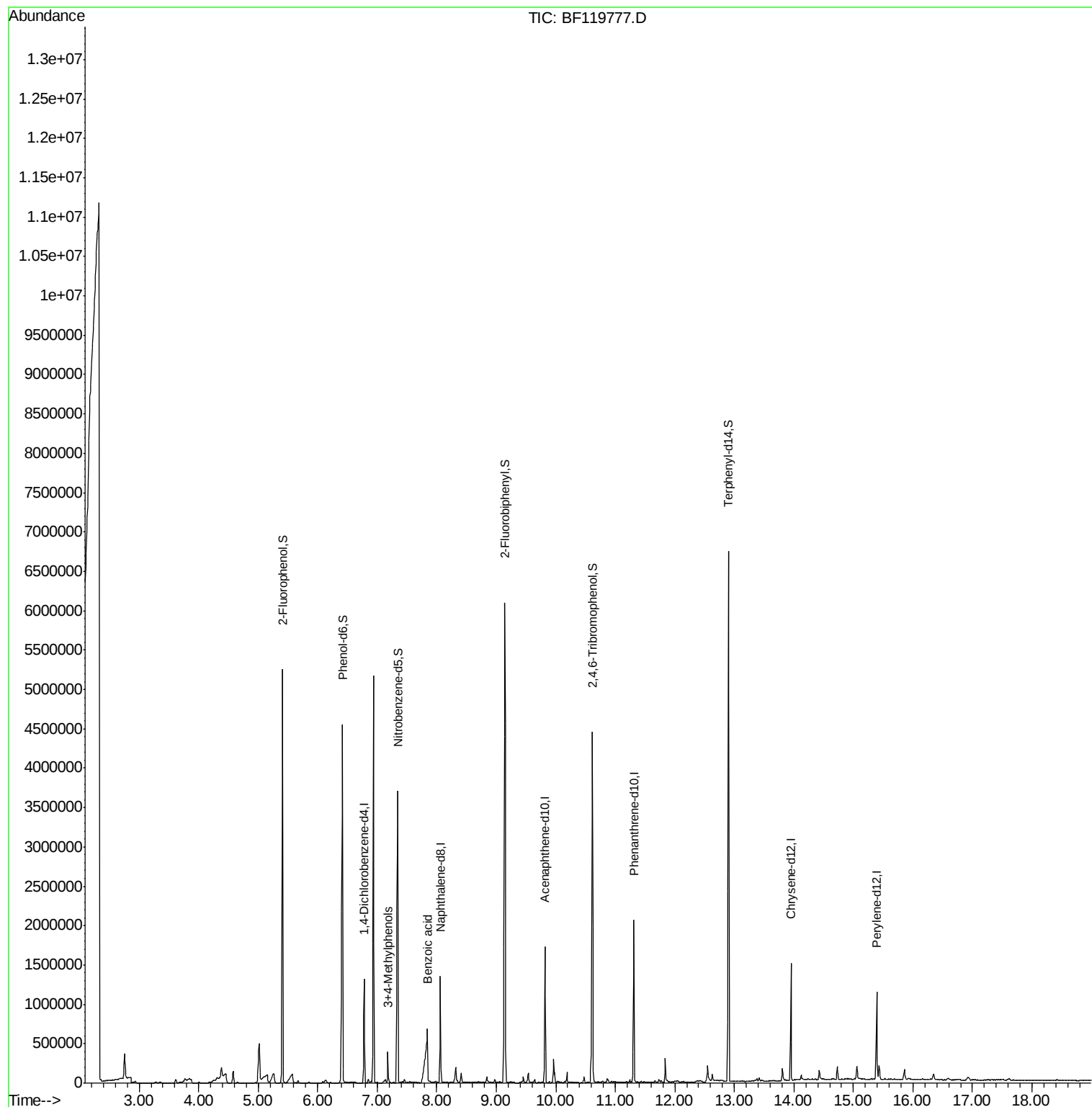
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177036	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	674084	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	367602	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	690810	20.00	ng	0.00
76) Chrysene-d12	13.95	240	512456	20.00	ng	0.00
87) Perylene-d12	15.39	264	498572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1493599	134.30	ng	0.02
7) Phenol-d6	6.42	99	1716782	120.85	ng	0.00
23) Nitrobenzene-d5	7.35	82	1277597	103.01	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	600158	158.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2491523	100.41	ng	0.00
79) Terphenyl-d14	12.90	244	2731792	104.44	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.18	107	88644	6.759	ng	Qvalue # 77
32) Benzoic acid	7.85	122	350616	50.508	ng	96

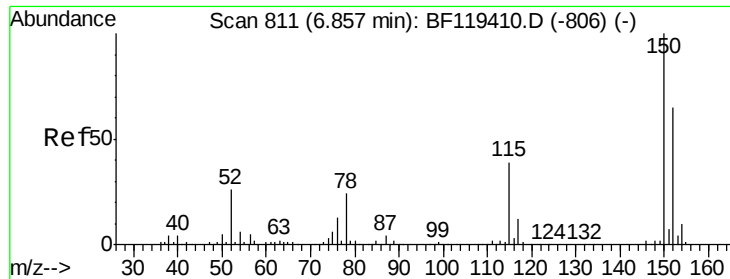
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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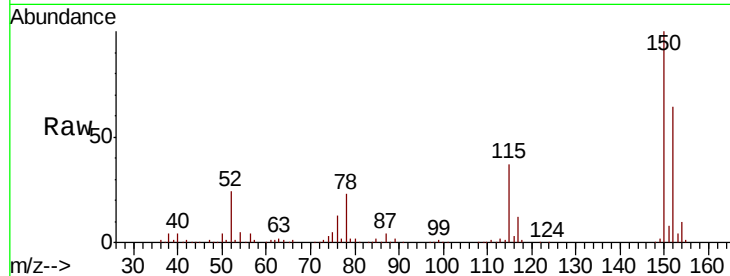


#1

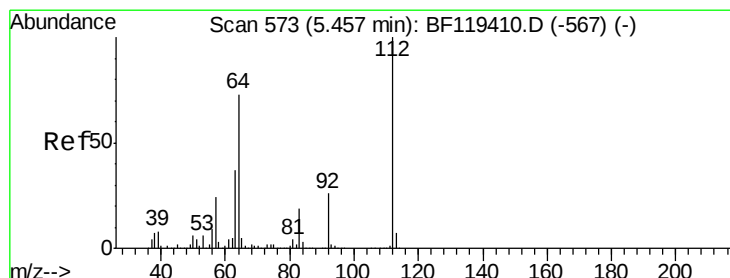
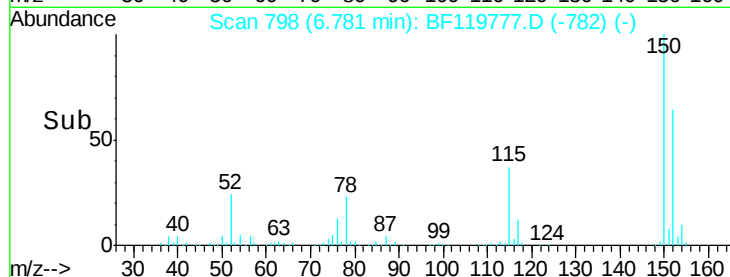
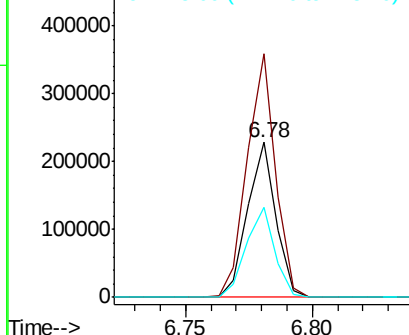
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion:152 Resp: 177036
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.5 186.7
 115 58.4 49.6 74.4



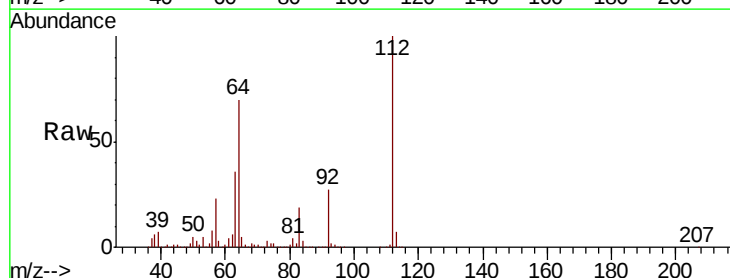
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



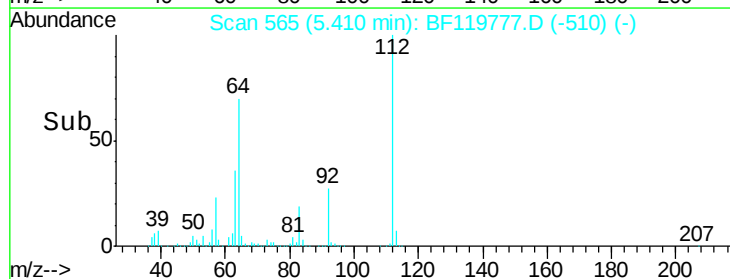
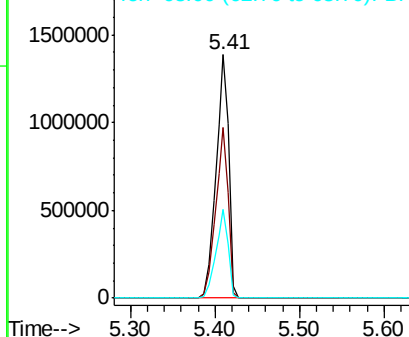
#5

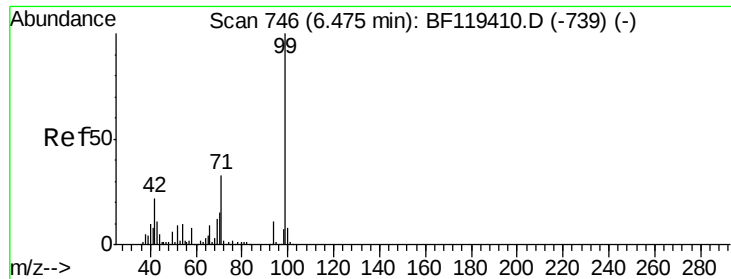
2-Fluorophenol
 Concen: 134.304 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Tgt Ion:112 Resp: 1493599
 Ion Ratio Lower Upper
 112 100
 64 69.8 56.7 85.1
 63 36.3 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: 120.846 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

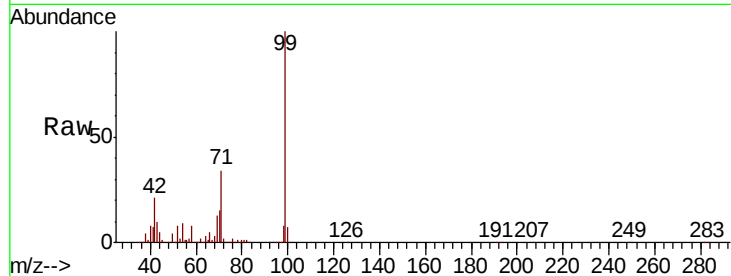
Tot Ion: 99 Resp: 1716782

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 33.6 26.4 39.6

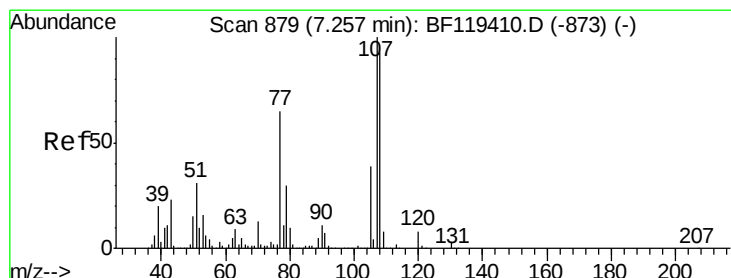
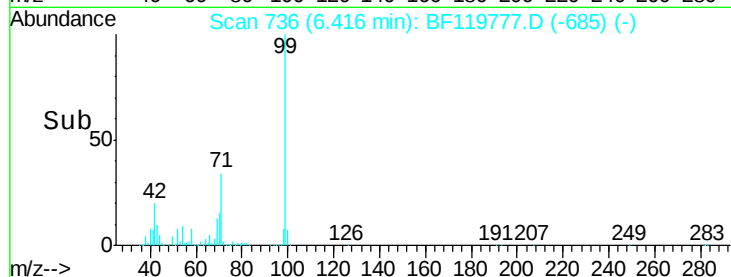
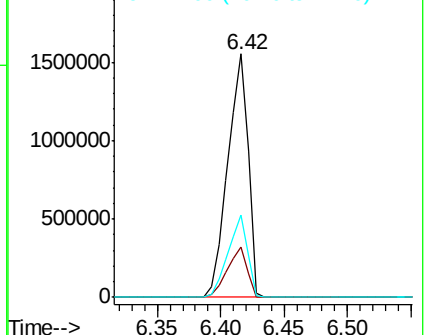


Abundance

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



#20

3+4-Methylphenols

Concen: 6.759 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Tgt Ion:107 Resp: 88644

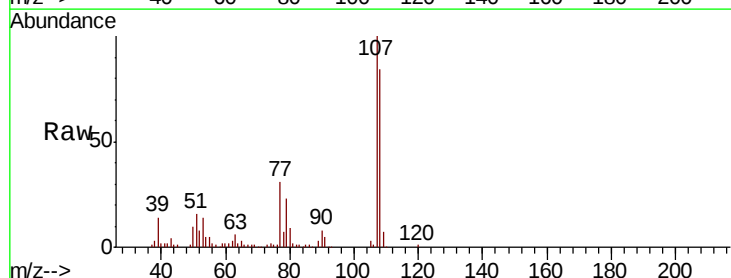
Ion Ratio Lower Upper

107 100

108 83.7 67.9 107.9

77 31.0 52.9 92.9#

79 22.9 7.7 47.7



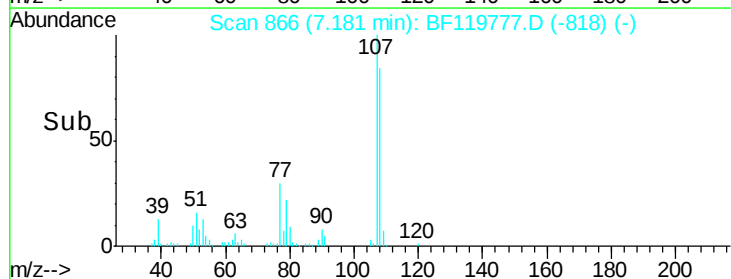
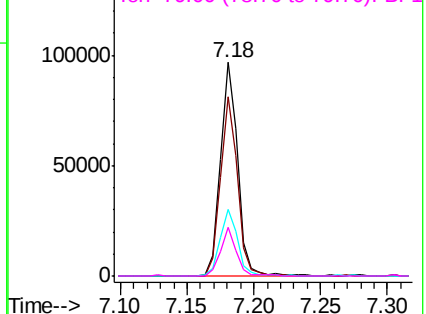
Abundance

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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tot Ion:136 Resp: 674084

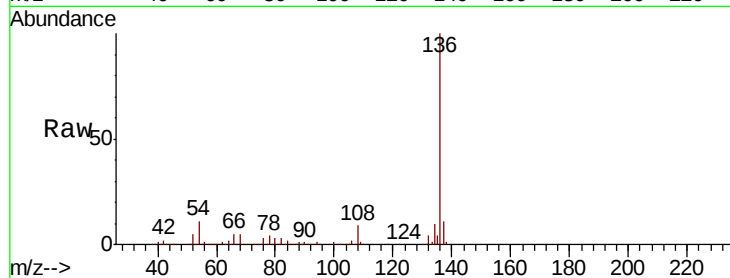
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.6 9.1 13.7

68 5.4 4.6 6.8

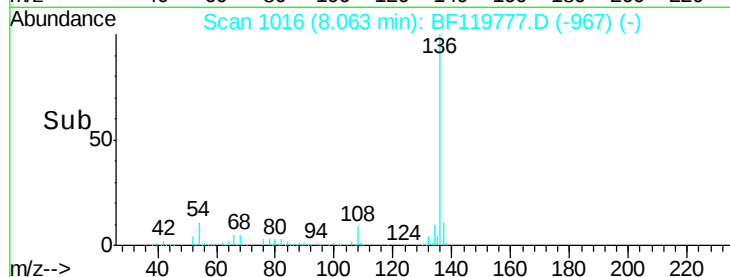


Abundance Ion 136.00 (135.70 to 136.70): E

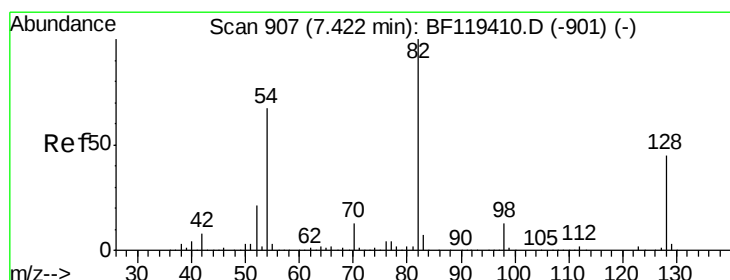
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 103.006 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

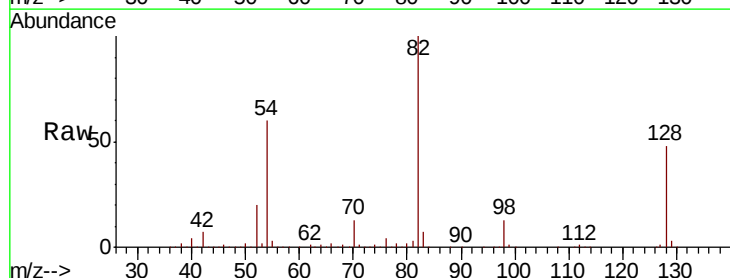
Tgt Ion: 82 Resp: 1277597

Ion Ratio Lower Upper

82 100

128 48.2 36.3 54.5

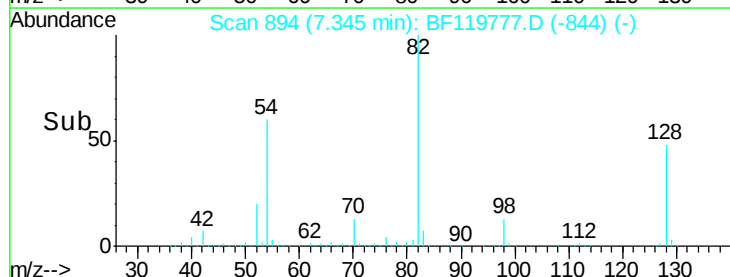
54 60.2 50.6 75.8



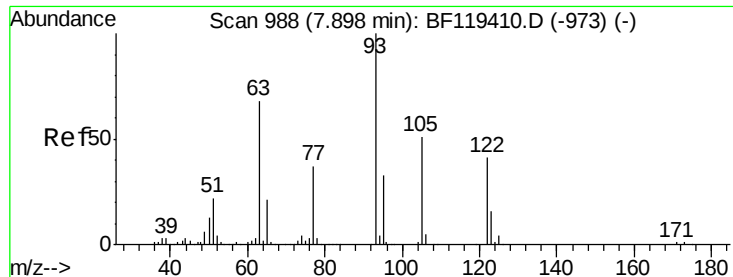
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



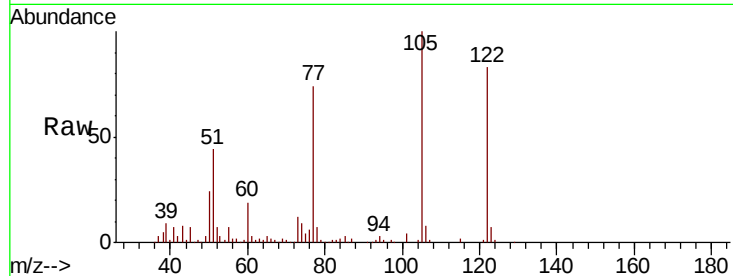
Time-->



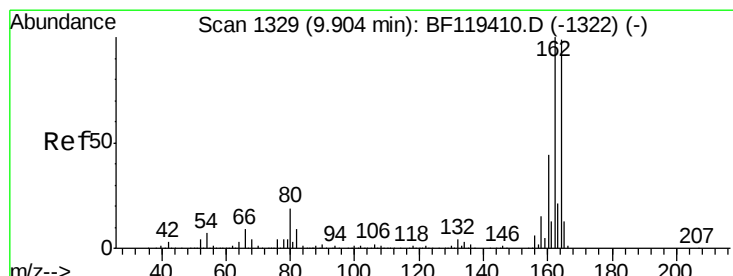
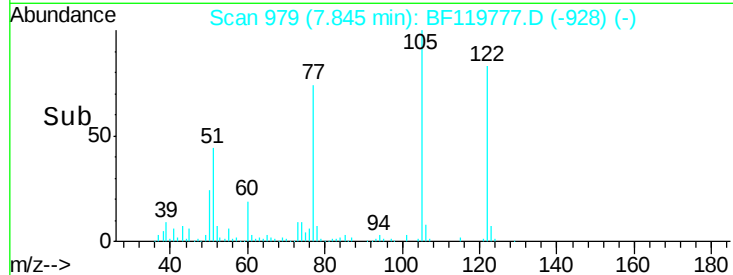
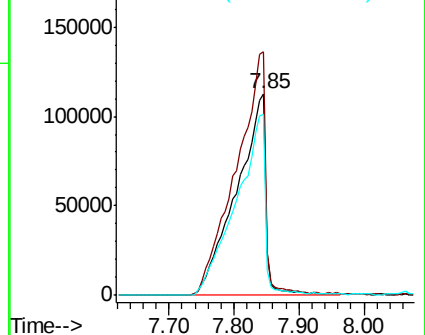
#32
Benzoic acid
Concen: 50.508 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:122 Resp: 350616
Ion Ratio Lower Upper
122 100
105 120.7 104.9 144.9
77 89.5 74.4 114.4

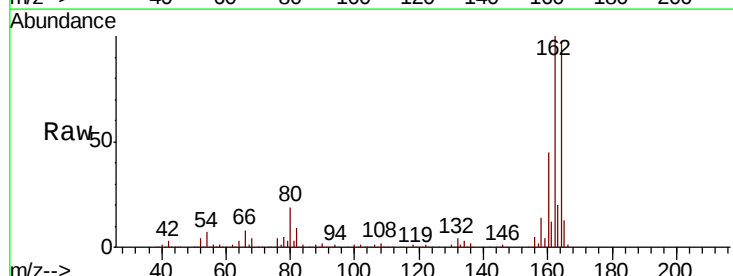


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

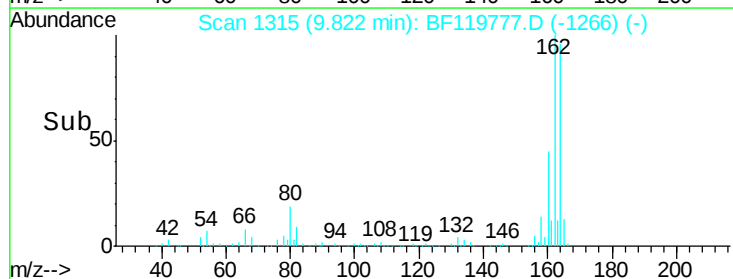
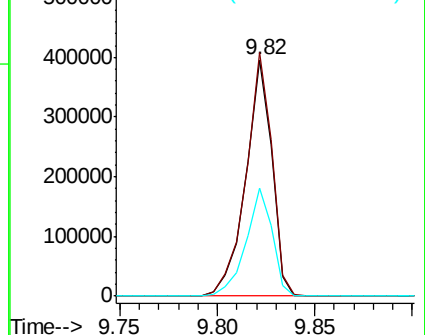


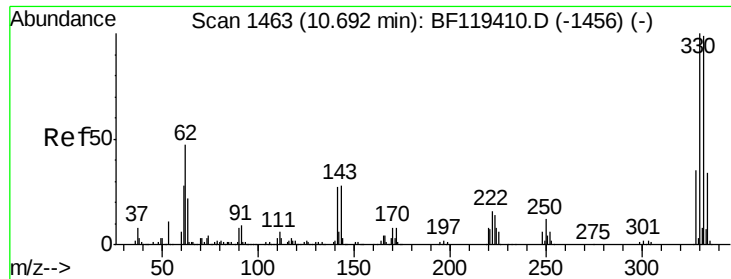
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Tgt Ion:164 Resp: 367602
Ion Ratio Lower Upper
164 100
162 103.1 80.6 121.0
160 46.0 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

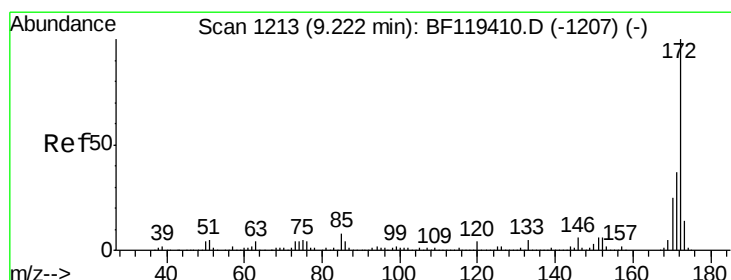
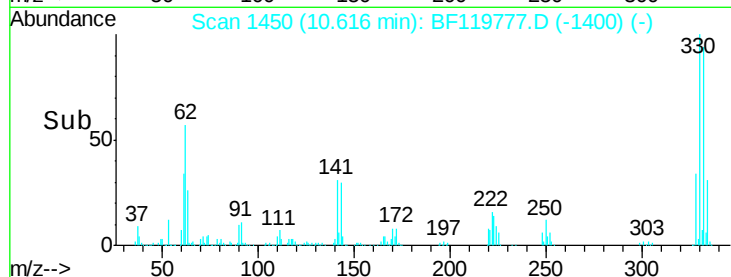
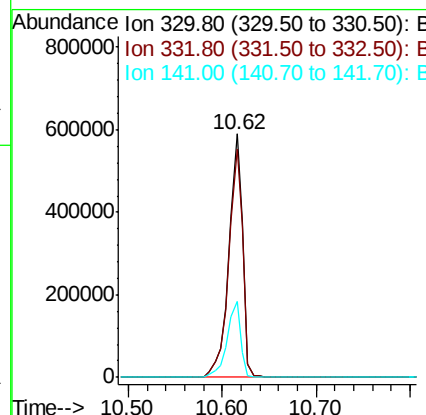
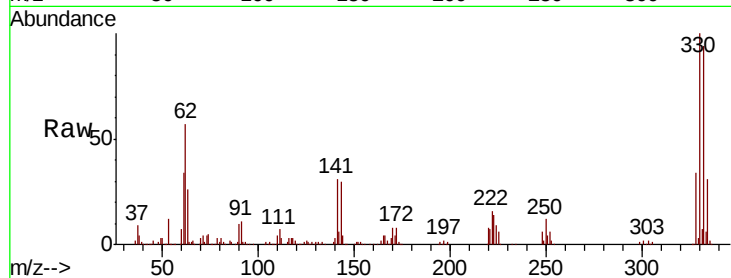




#42
 2,4,6-Tribromophenol
 Concen: 158.252 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

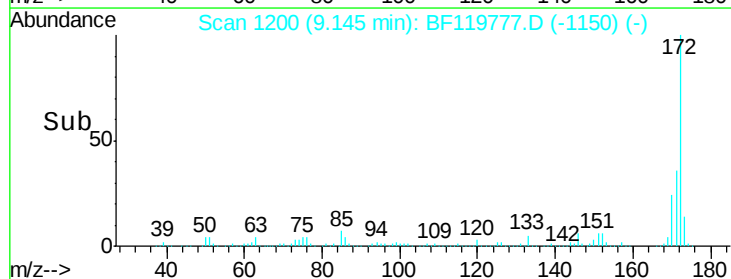
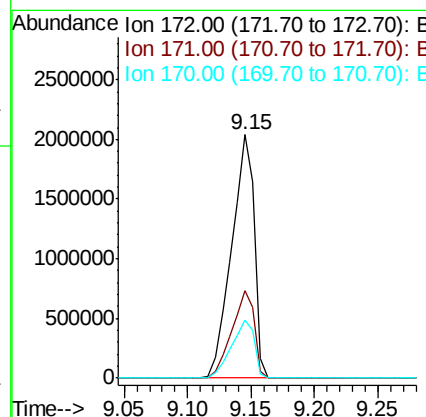
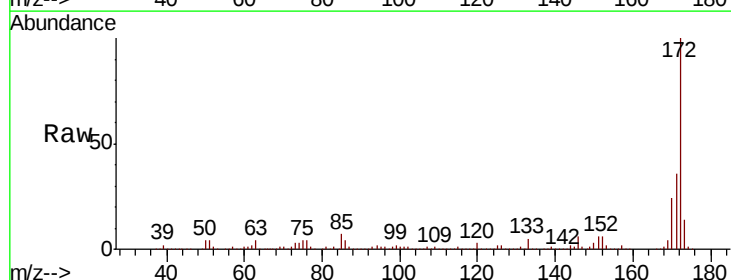
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

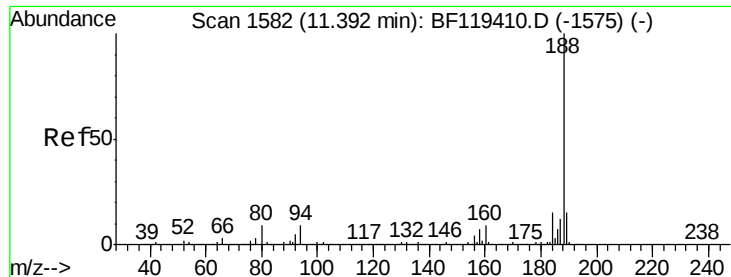
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	30.8	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 100.411 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119777.D
 Acq: 6 Apr 2020 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	20.2	30.2

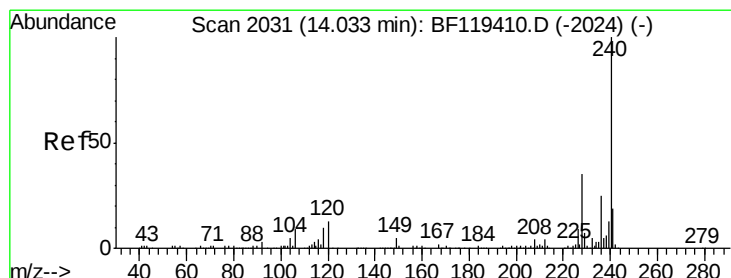
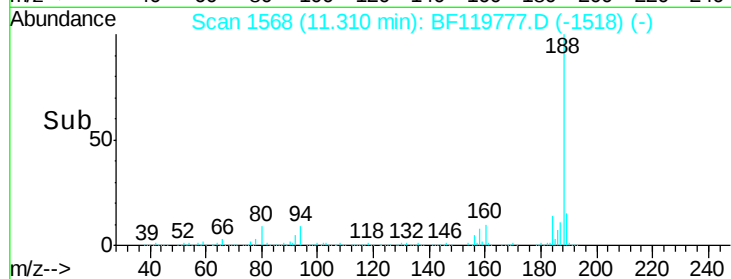
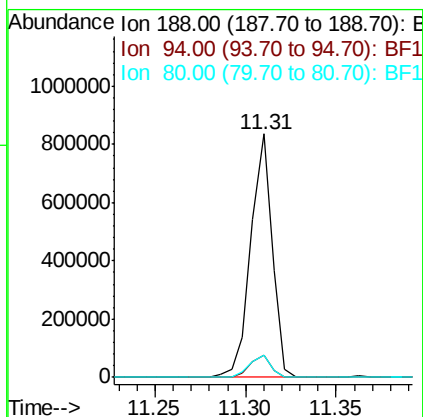
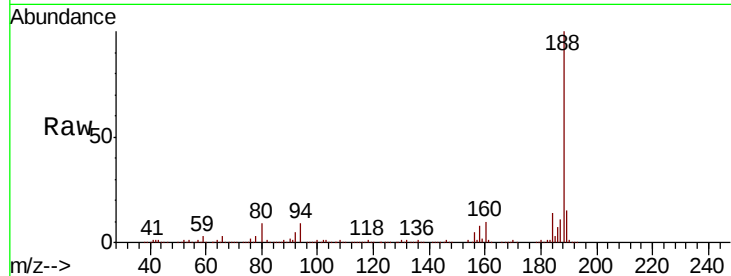




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

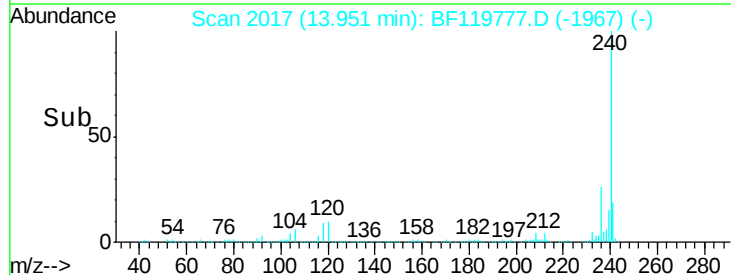
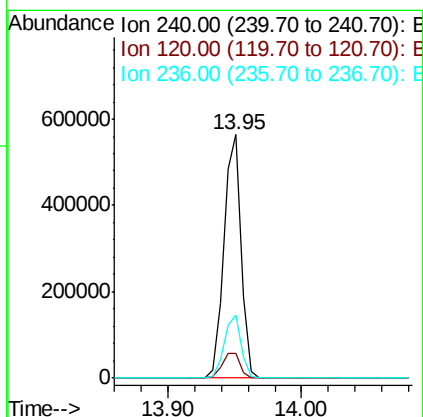
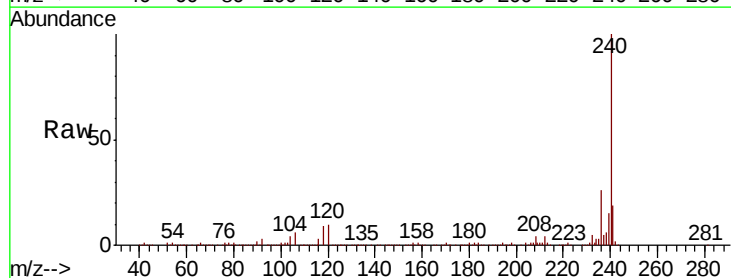
Instrument :
BNA_F
ClientSampled :
BUS-WASH

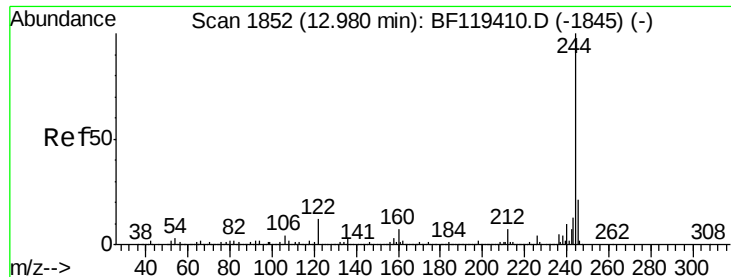
Tot Ion:188 Resp: 690810
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119777.D
Acq: 6 Apr 2020 17:39

Tgt Ion:240 Resp: 512456
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 26.2 20.2 30.2





#79

Terphenyl-d14

Concen: 104.441 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

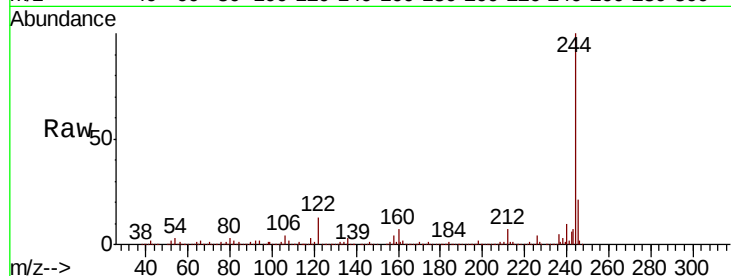
Tot Ion:244 Resp: 2731792

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

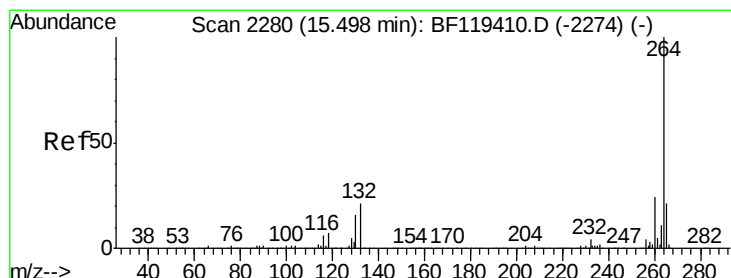
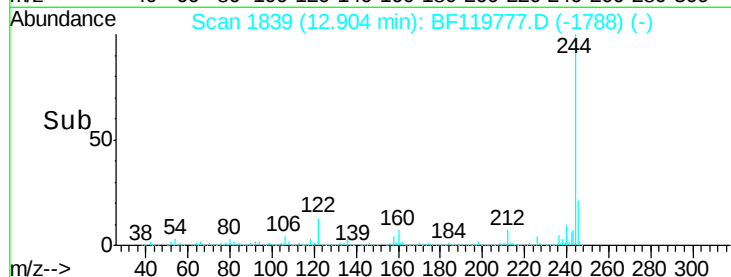
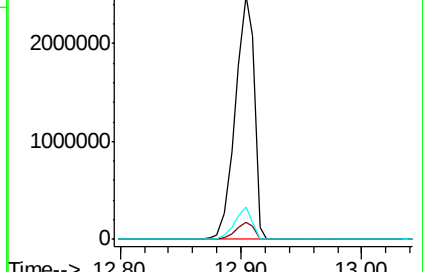
122 13.2 10.3 15.5



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: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119777.D

Acq: 6 Apr 2020 17:39

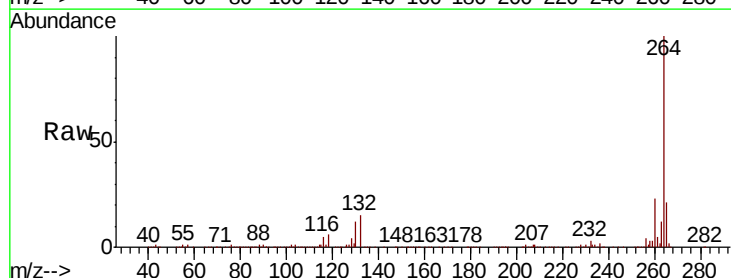
Tgt Ion:264 Resp: 498572

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 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

