

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119680.D
 Acq On : 1 Apr 2020 17:42
 Operator : MA/SJ
 Sample : L2072-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 02 01:30:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

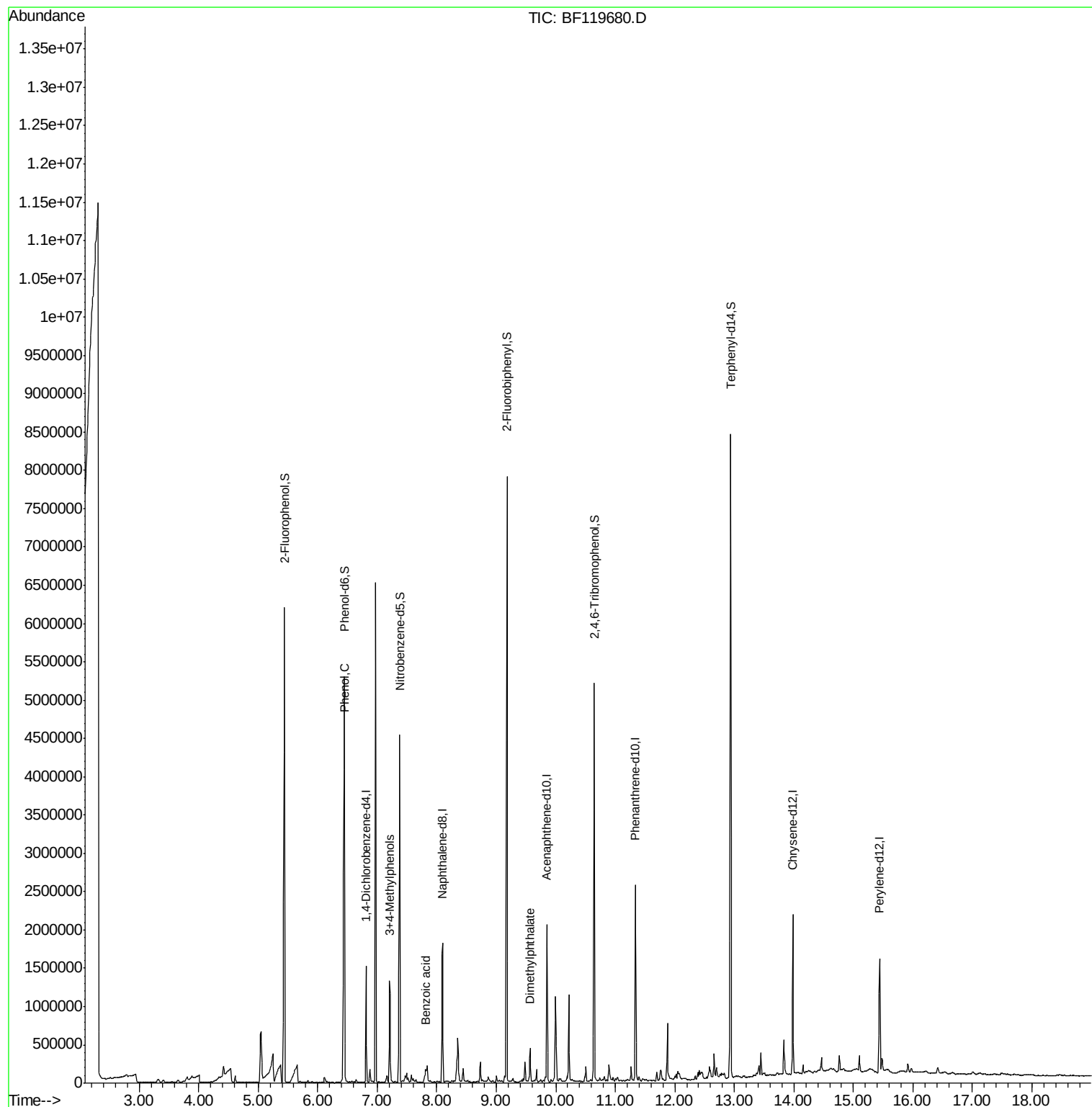
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218241	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	832223	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	430765	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	837703	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	715274	20.00	ng	-0.02
87) Perylene-d12	15.44	264	713254	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1886582	137.61	ng	0.02
7) Phenol-d6	6.45	99	2227057	127.17	ng	0.00
23) Nitrobenzene-d5	7.38	82	1599197	104.43	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	721271	162.30	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2866850	98.60	ng	0.00
79) Terphenyl-d14	12.94	244	3383646	92.68	ng	0.00
Target Compounds						
10) Phenol	6.46	94	52156	2.791	ng	95
20) 3+4-Methylphenols	7.21	107	315691	19.526	ng	# 75
32) Benzoic acid	7.82	122	52191	6.090	ng	87
50) Dimethylphthalate	9.57	163	146643	4.793	ng	98

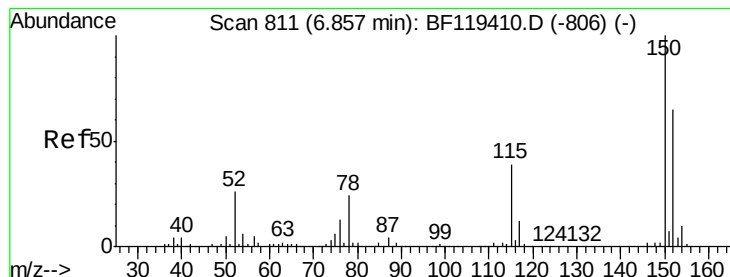
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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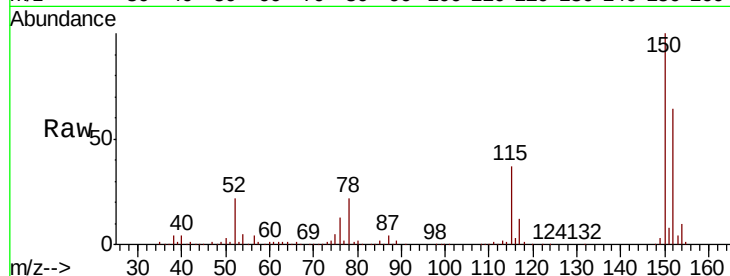


#1

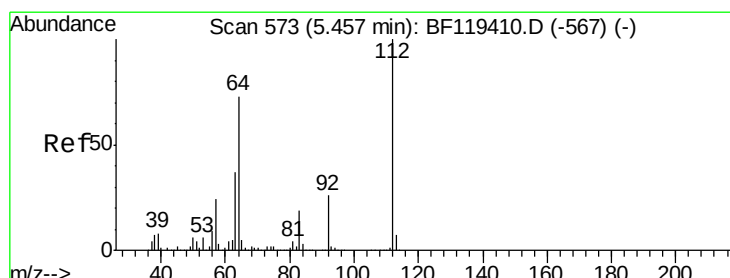
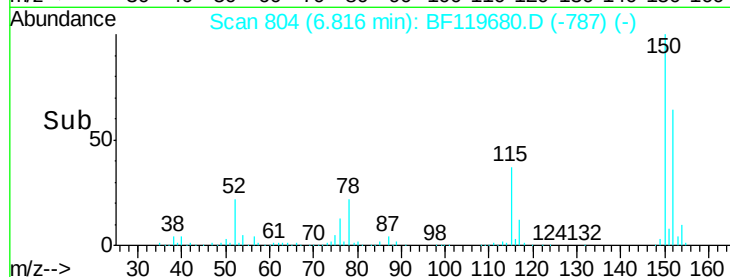
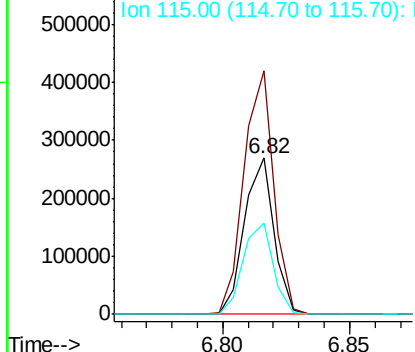
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:152 Resp: 218241
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 58.5 49.6 74.4



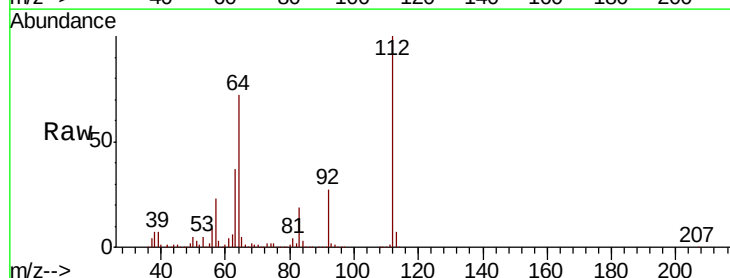
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



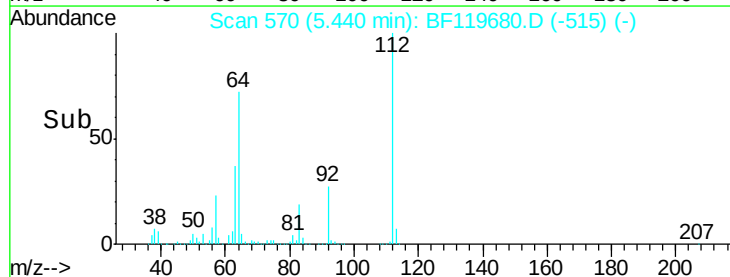
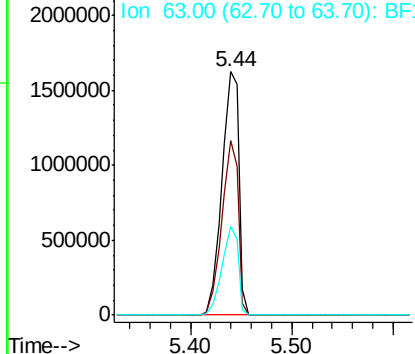
#5

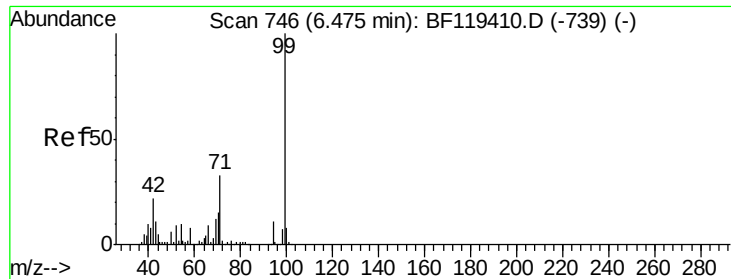
2-Fluorophenol
Concen: 137.612 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion:112 Resp: 1886582
Ion Ratio Lower Upper
112 100
64 71.7 56.7 85.1
63 36.6 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: 127.167 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

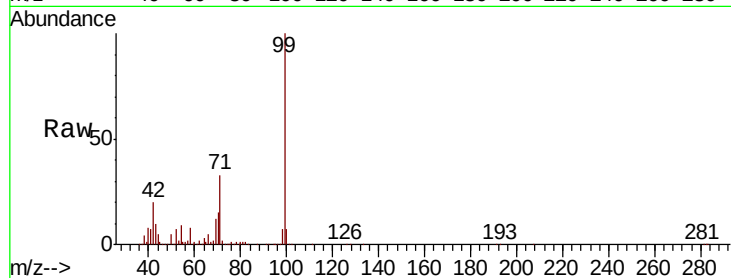
BNA_F

ClientSampleId :

BUS-WASH

Tot Ion: 99 Resp: 2227057

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.6	24.8
71	32.9	26.4	39.6

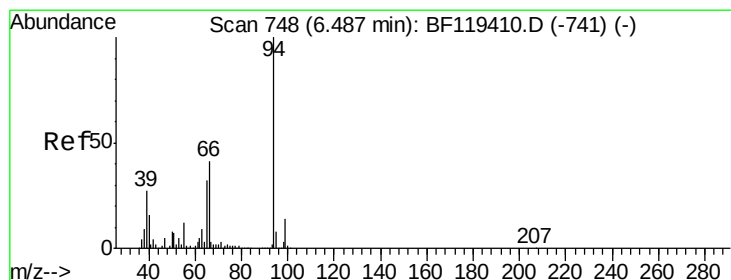
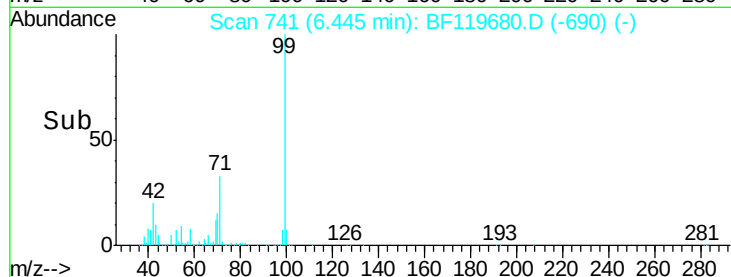
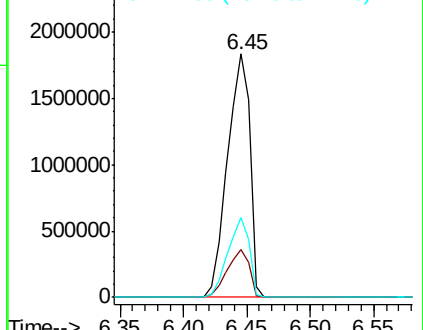


Abundance

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



#10

Phenol

Concen: 2.791 ng

RT: 6.46 min Scan# 743

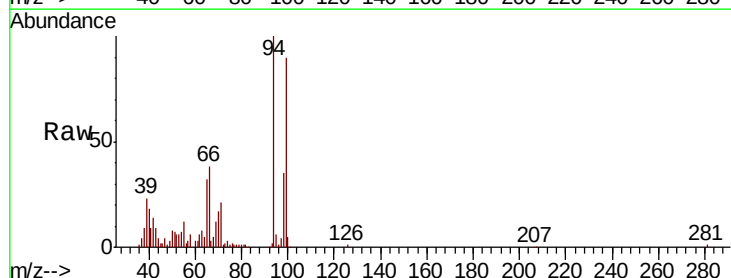
Delta R.T. 0.00 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Tgt Ion: 94 Resp: 52156

Ion	Ratio	Lower	Upper
94	100		
65	31.6	13.2	53.2
66	37.6	22.3	62.3

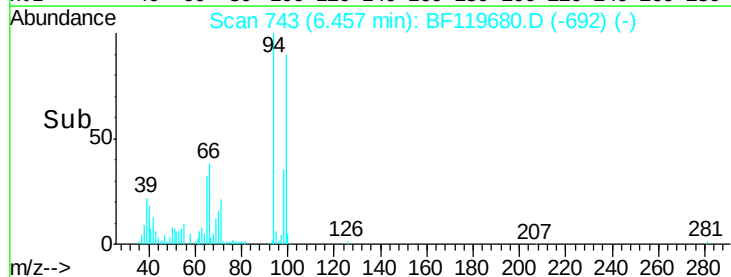
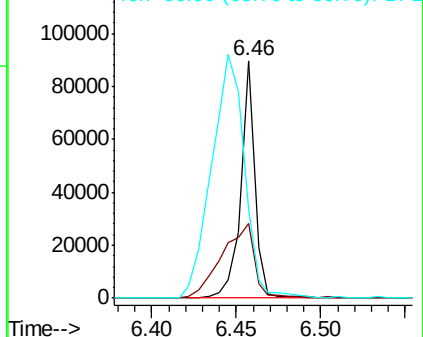


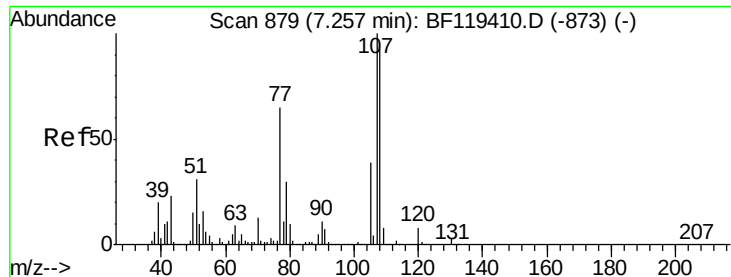
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 19.526 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tot Ion:107 Resp: 315691

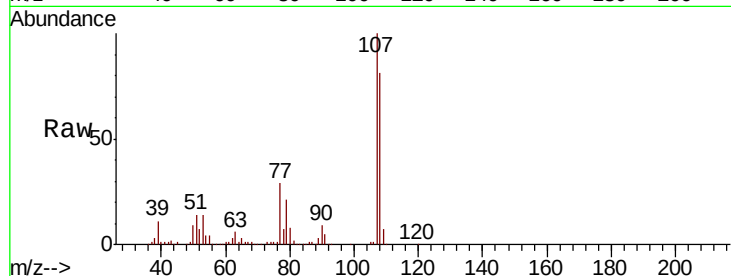
Ion Ratio Lower Upper

107 100

108 81.3 67.9 107.9

77 29.3 52.9 92.9#

79 20.6 7.7 47.7

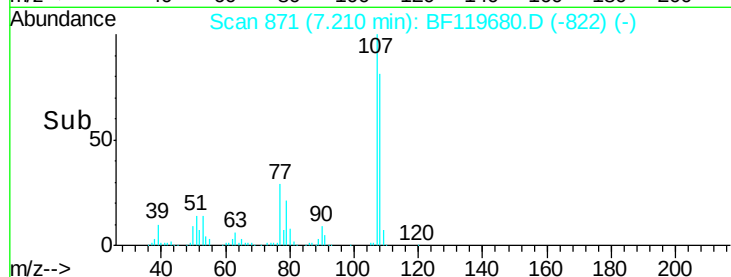


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

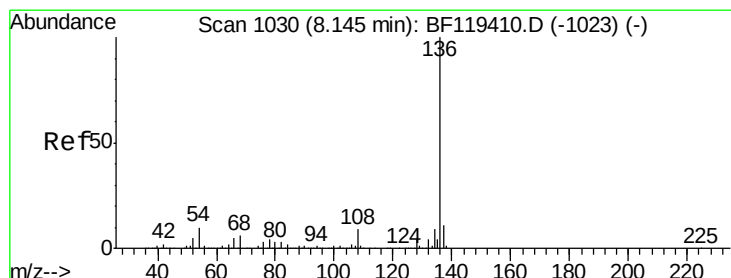
Ion 79.00 (78.70 to 79.70): BF1



Abundance

7.21

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Tgt Ion:136 Resp: 832223

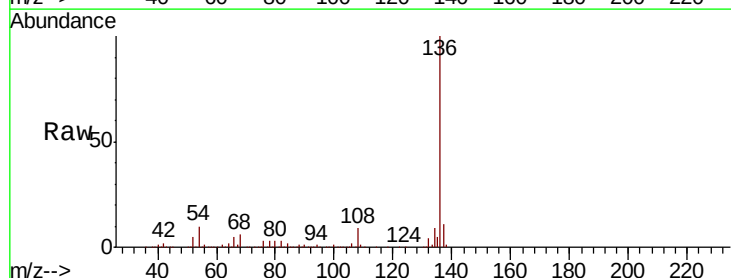
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.6 9.1 13.7

68 5.6 4.6 6.8

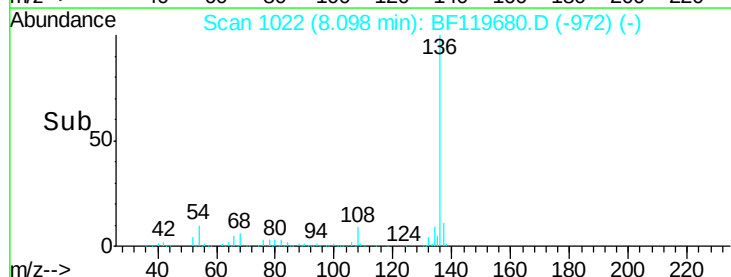


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

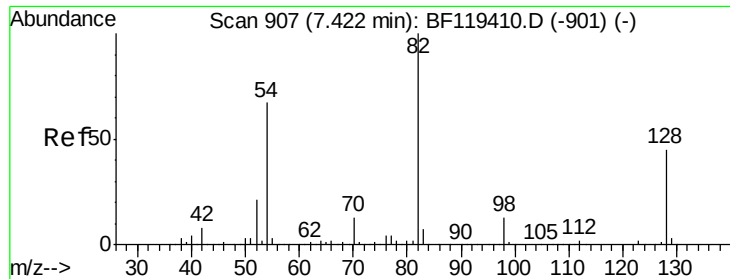
Ion 68.00 (67.70 to 68.70): BF1



Abundance

8.10

Time-->

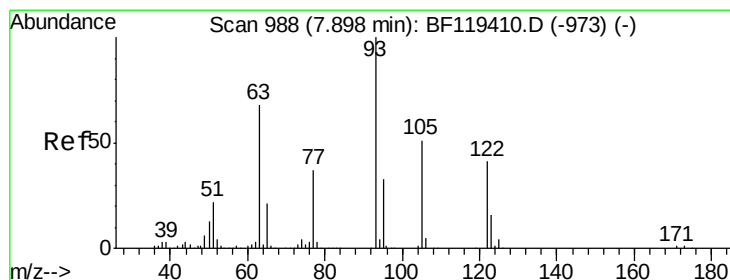
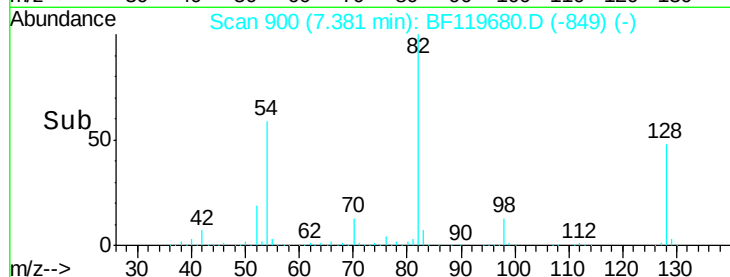
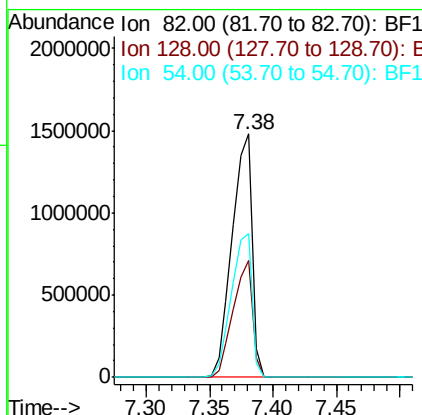
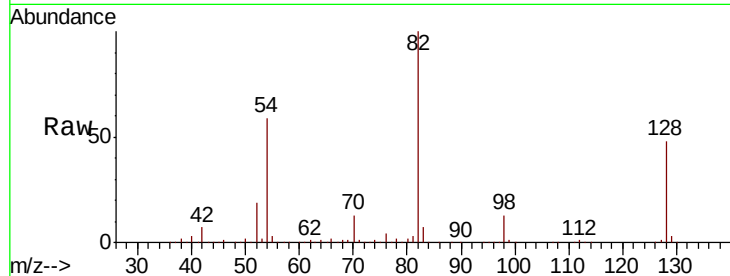


#23
 Nitrobenzene-d5
 Concen: 104.435 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion: 82 Resp: 1599197

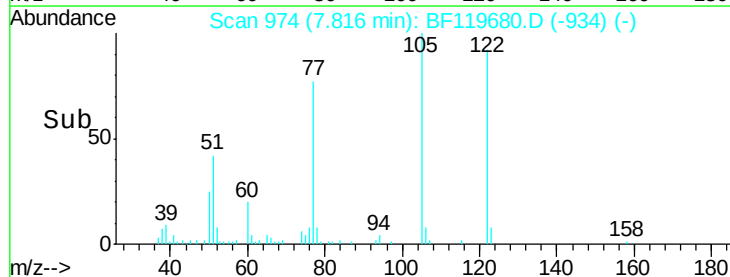
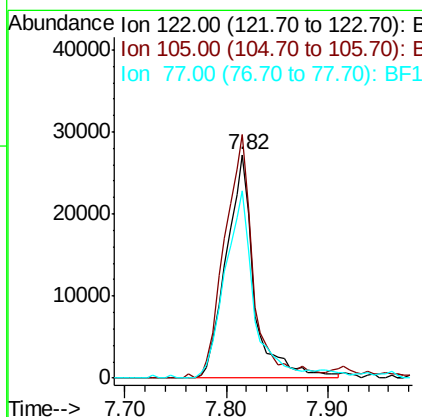
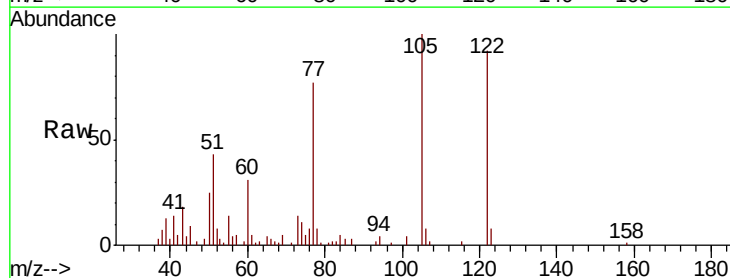
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	59.2	50.6	75.8

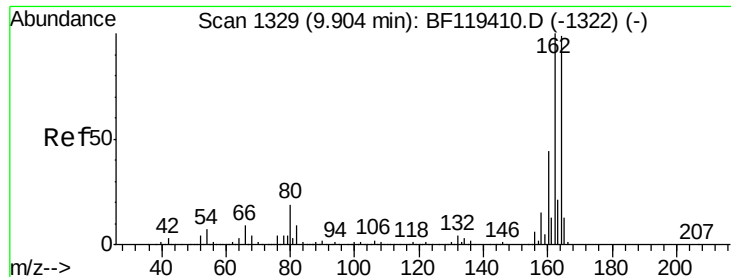


#32
 Benzoic acid
 Concen: 6.090 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.06 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Tgt Ion:122 Resp: 52191

Ion	Ratio	Lower	Upper
122	100		
105	109.1	104.9	144.9
77	83.9	74.4	114.4

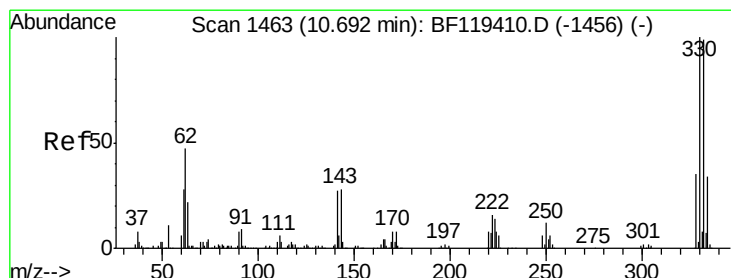
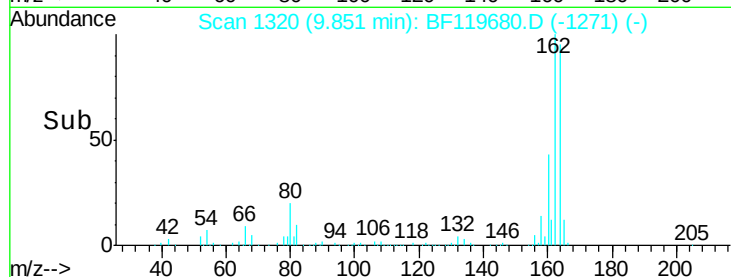
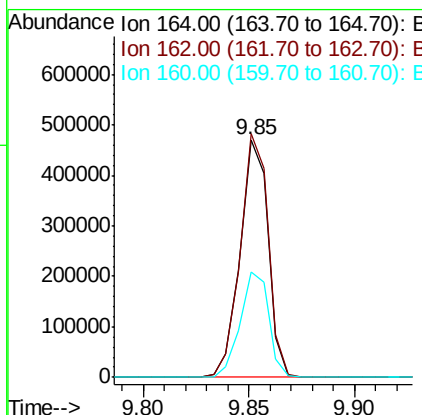
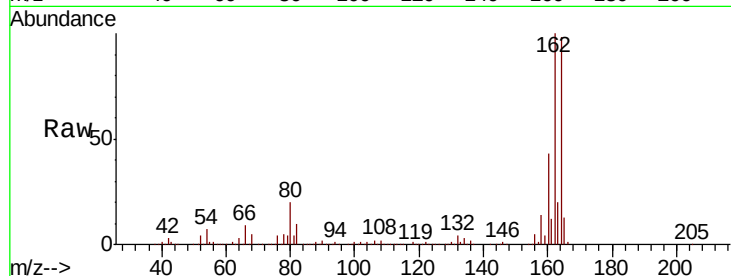




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

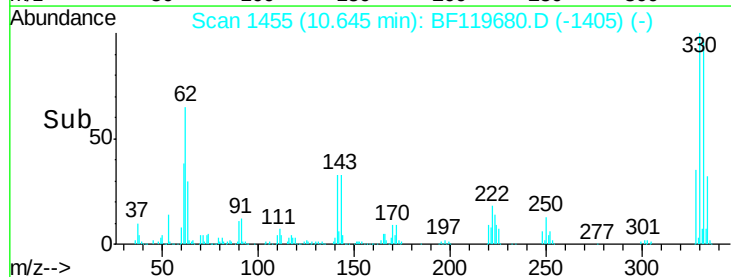
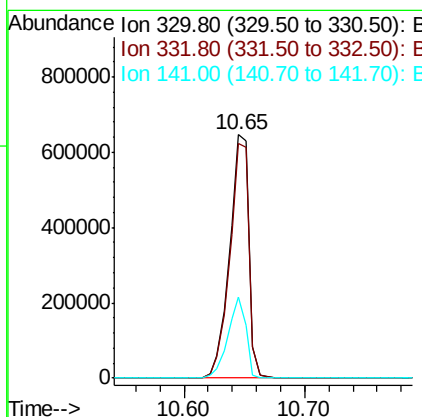
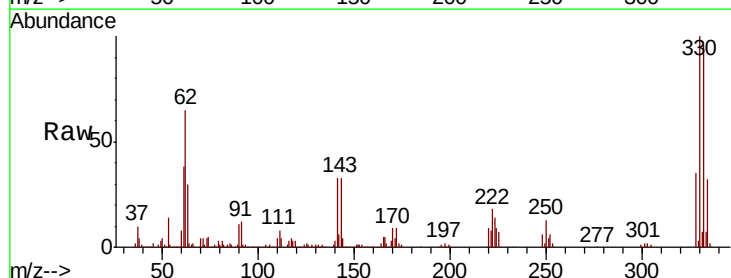
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

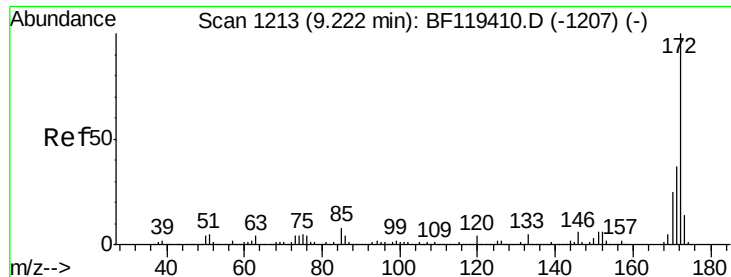
Tot Ion:164 Resp: 430765
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.6 121.0
 160 44.3 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 162.300 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Tgt Ion:330 Resp: 721271
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 31.0 25.4 38.0

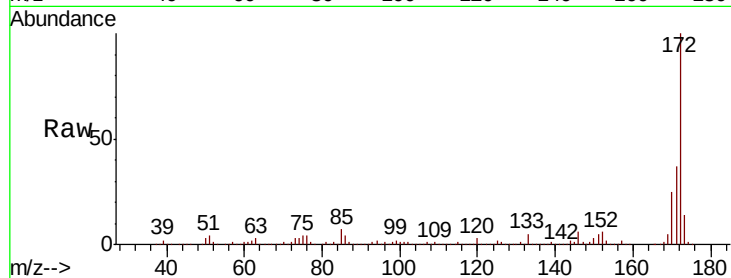




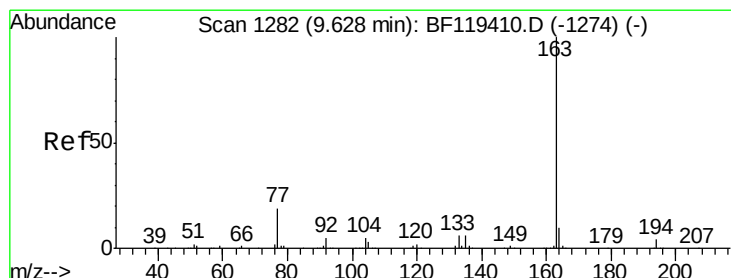
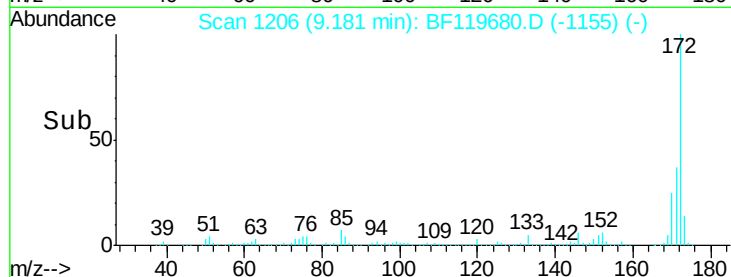
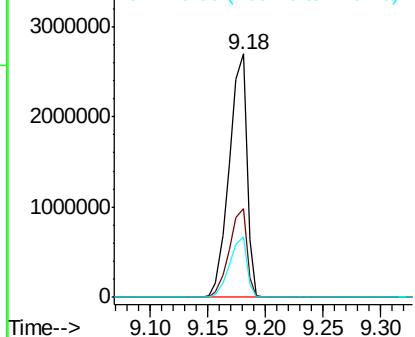
#45
2-Fluorobiphenyl
Concen: 98.596 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:172 Resp: 2866850
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 20.2 30.2

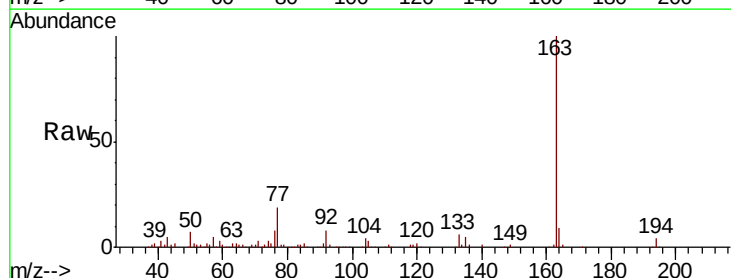


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

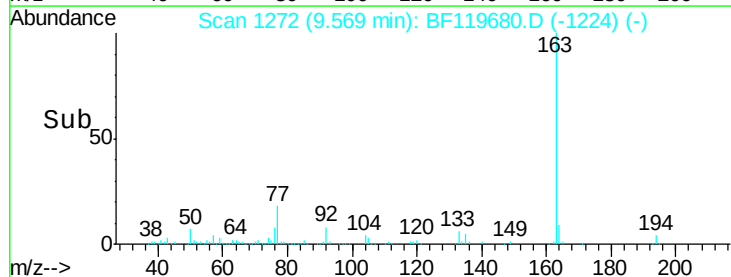
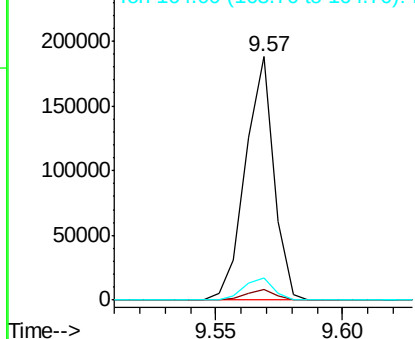


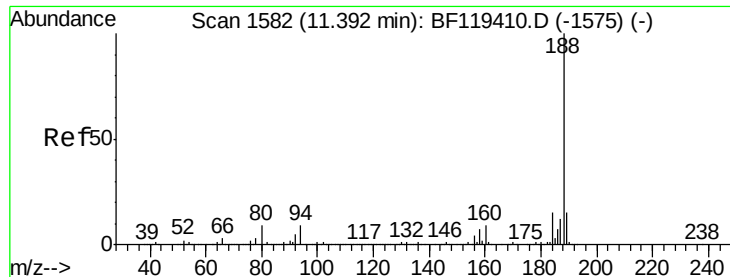
#50
Dimethylphthalate
Concen: 4.793 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion:163 Resp: 146643
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.2 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

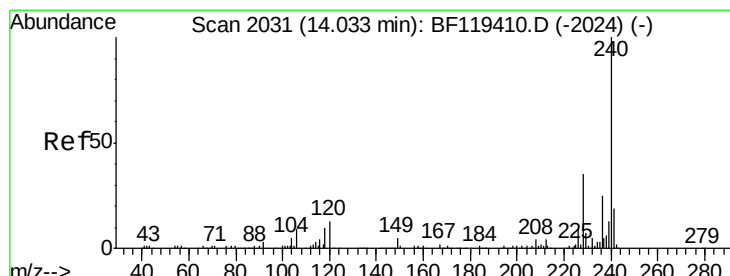
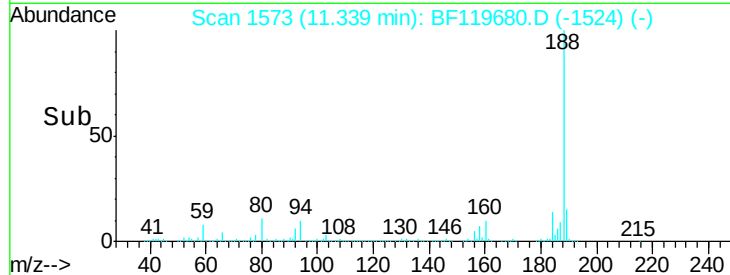
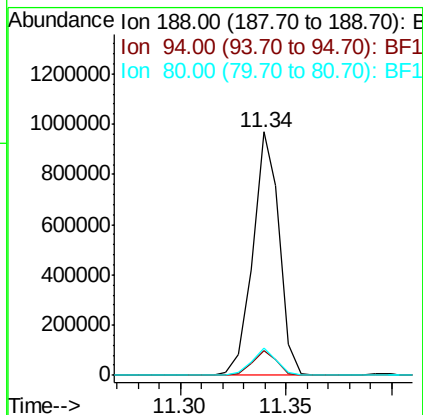
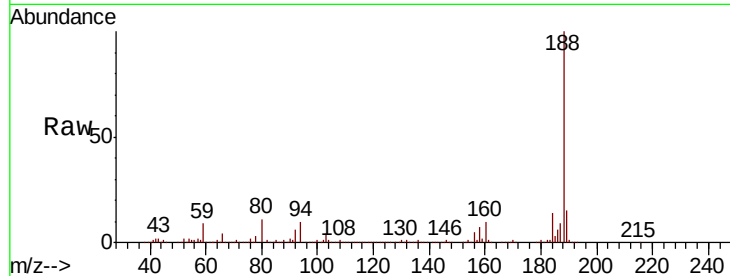




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

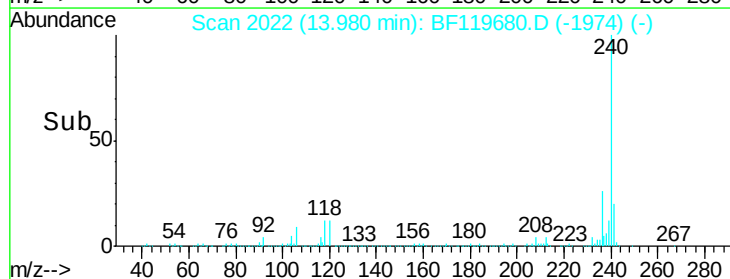
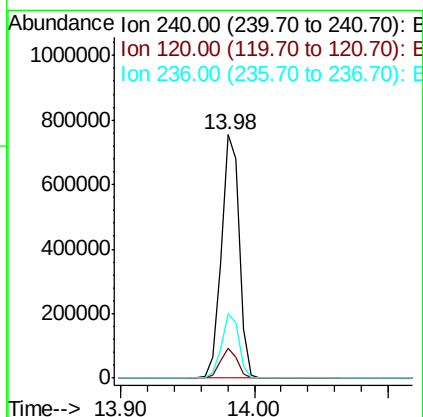
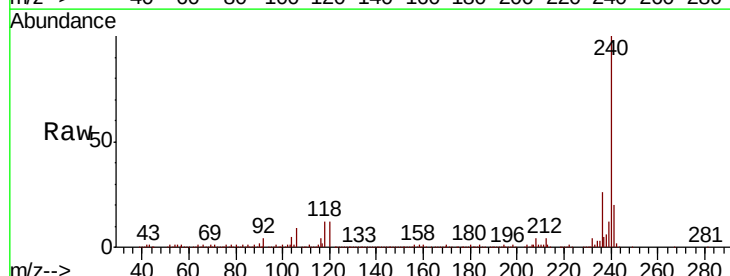
Instrument :
BNA_F
ClientSampleId :
BUS-WASH

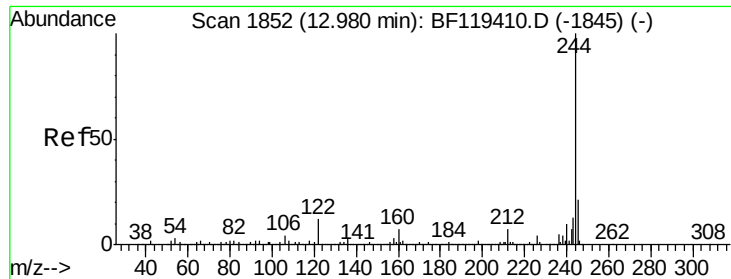
Tot Ion:188 Resp: 837703
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 11.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion:240 Resp: 715274
Ion Ratio Lower Upper
240 100
120 12.4 10.6 15.8
236 26.4 20.2 30.2





#79

Terphenyl-d14

Concen: 92.682 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

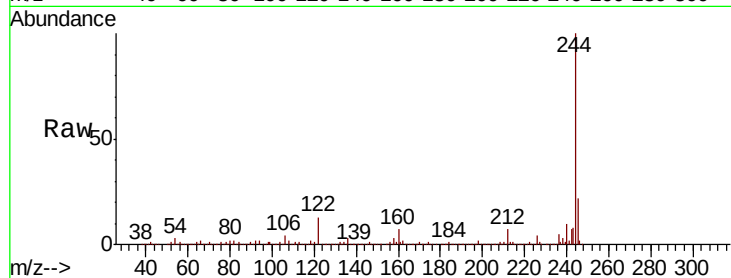
Tot Ion:244 Resp: 3383646

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

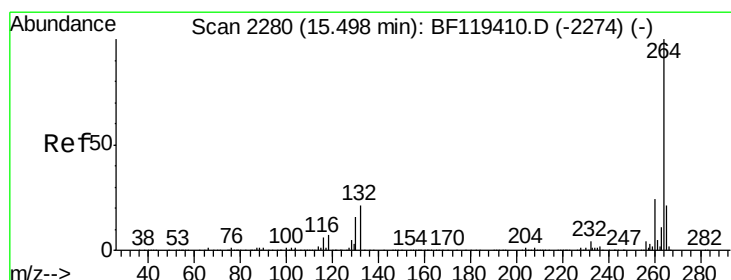
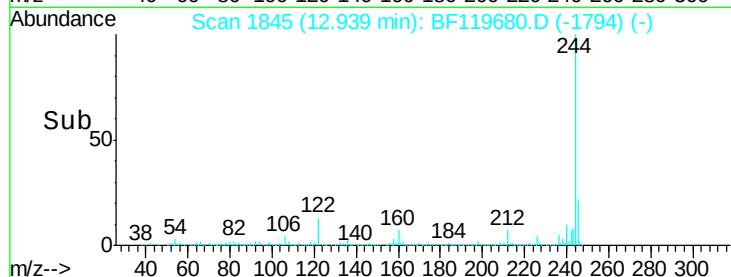
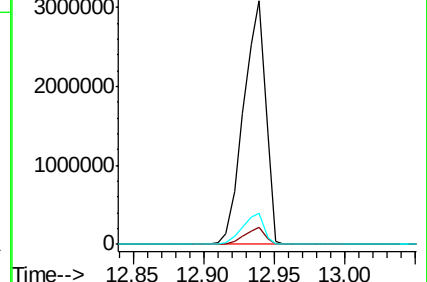
122 13.0 10.3 15.5



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: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

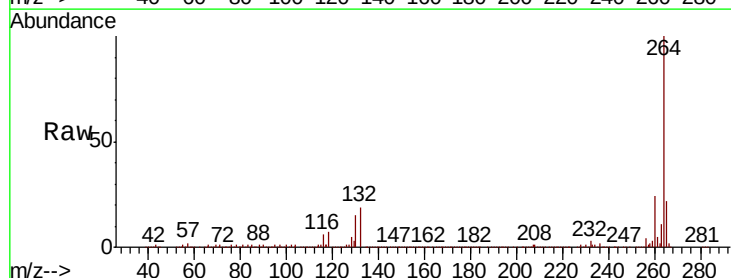
Tgt Ion:264 Resp: 713254

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.6 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

