

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120311.D
 Acq On : 15 May 2020 00:40
 Operator : MA/SJ
 Sample : L2641-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: May 15 04:46:34 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

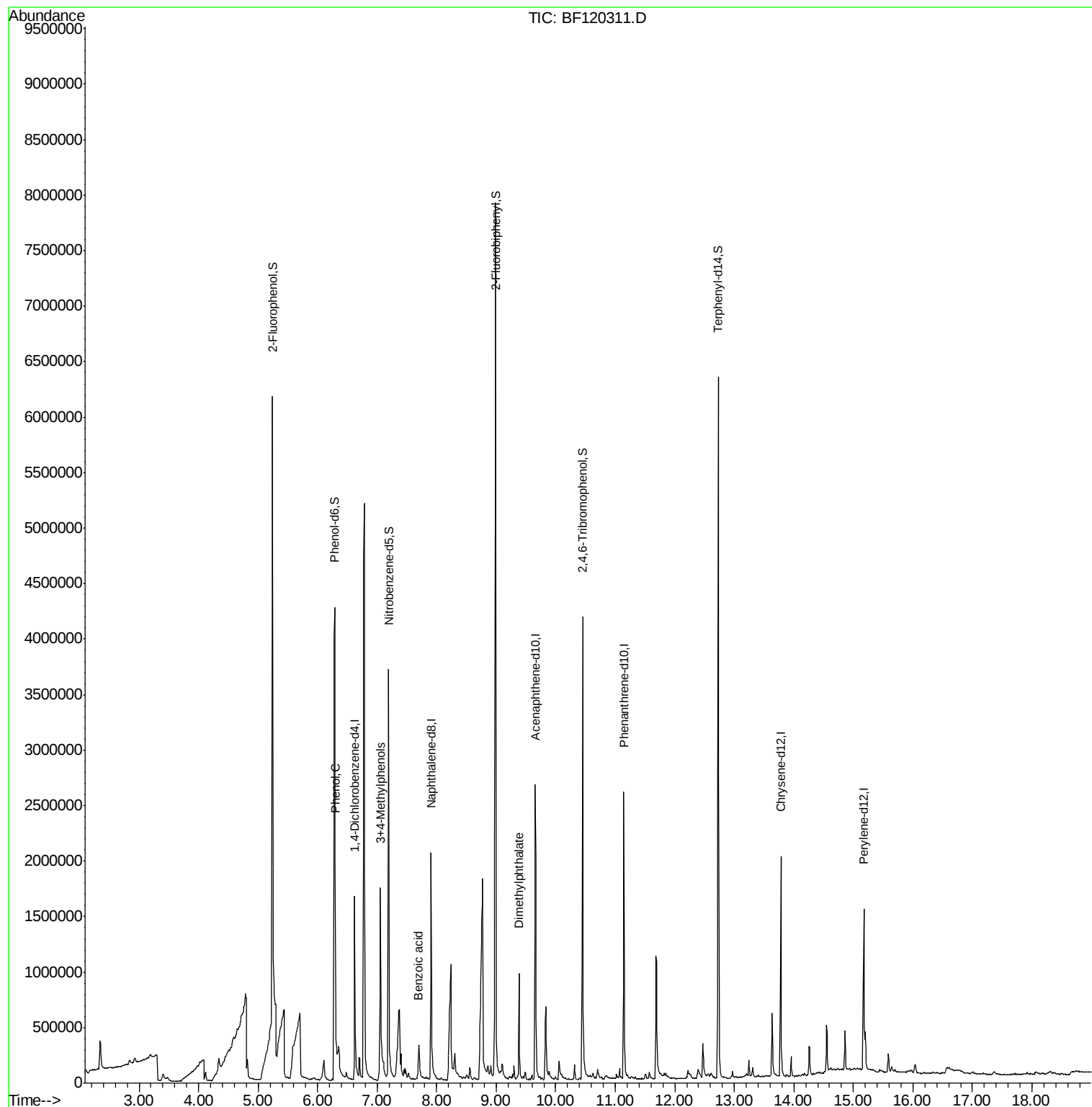
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	307266	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1180668	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	584002	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1065018	20.00	ng	0.00
76) Chrysene-d12	13.78	240	760501	20.00	ng	0.00
87) Perylene-d12	15.17	264	681347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1822631	115.41	ng	0.01
7) Phenol-d6	6.29	99	1957952	98.04	ng	0.00
23) Nitrobenzene-d5	7.19	82	1433617	83.13	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	562723	118.18	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2833462	99.68	ng	0.00
79) Terphenyl-d14	12.73	244	2440769	70.90	ng	0.00
Target Compounds						
10) Phenol	6.30	94	199349	8.551	ng	# 70
20) 3+4-Methylphenols	7.05	107	554809	27.453	ng	# 83
32) Benzoic acid	7.70	122	32717	3.535	ng	95
50) Dimethylphthalate	9.38	163	399005	10.808	ng	99

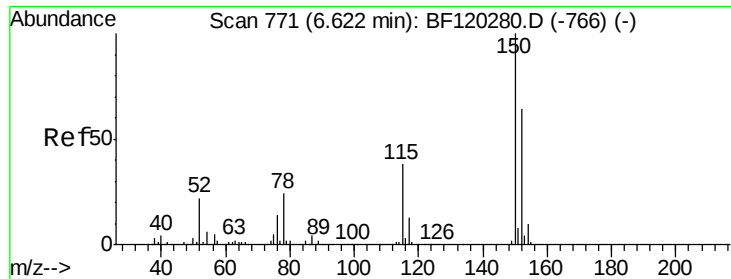
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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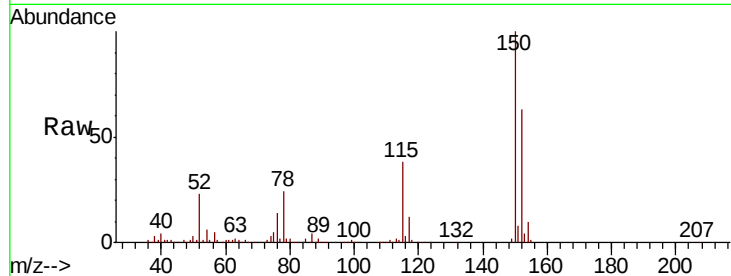


#1

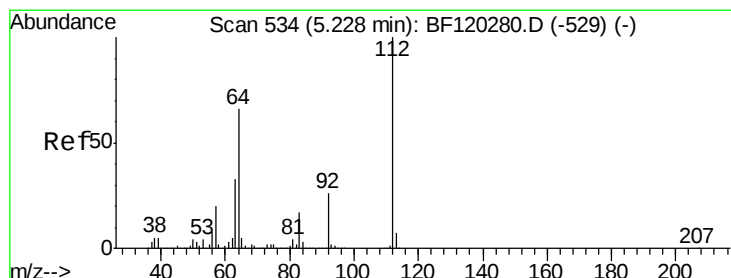
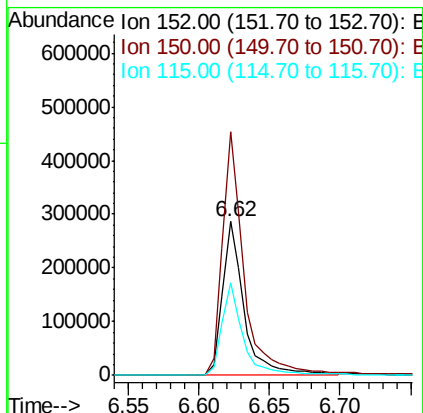
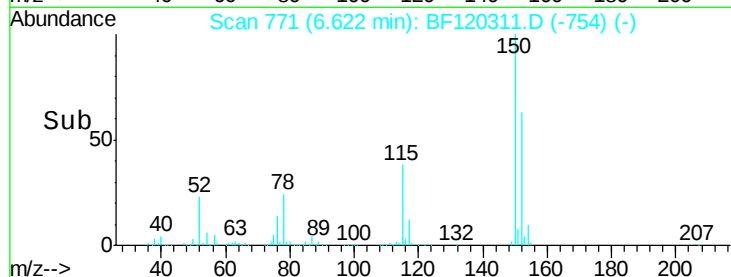
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120311.D
Acq: 15 May 2020 00:40

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tot Ion:152 Resp: 307266
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 59.8 47.9 71.9



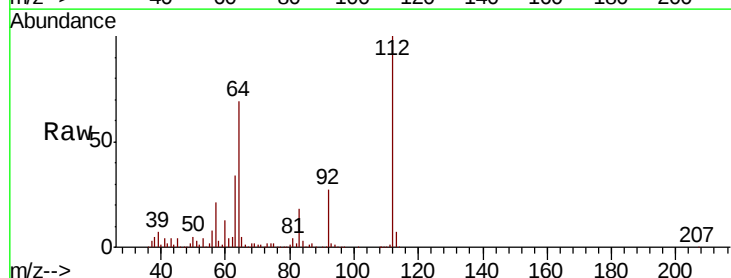
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



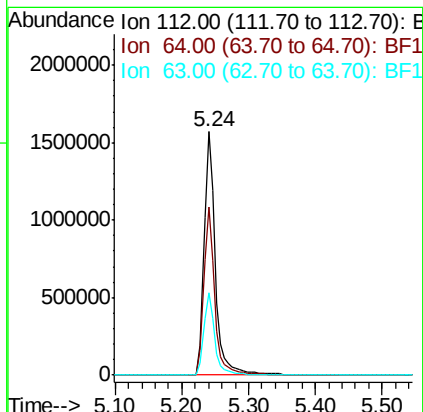
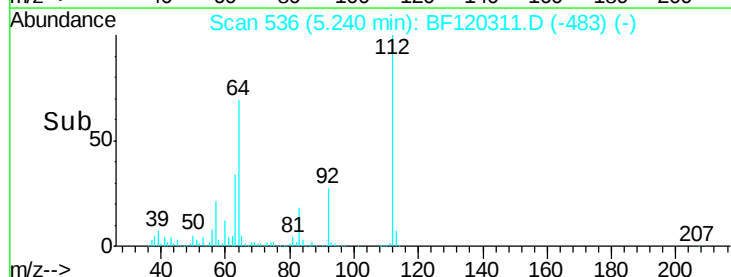
#5

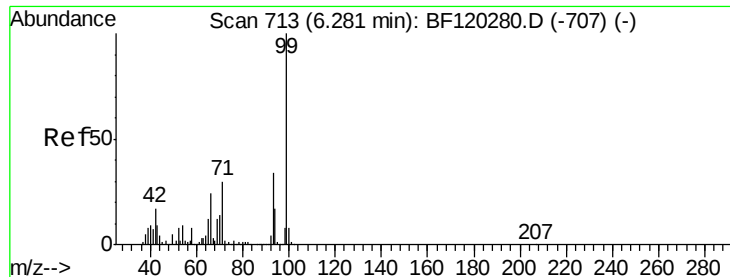
2-Fluorophenol
Concen: 115.415 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF120311.D
Acq: 15 May 2020 00:40

Tgt Ion:112 Resp: 1822631
Ion Ratio Lower Upper
112 100
64 68.8 52.7 79.1
63 34.0 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: 98.042 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120311.D

Acq: 15 May 2020 00:40

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

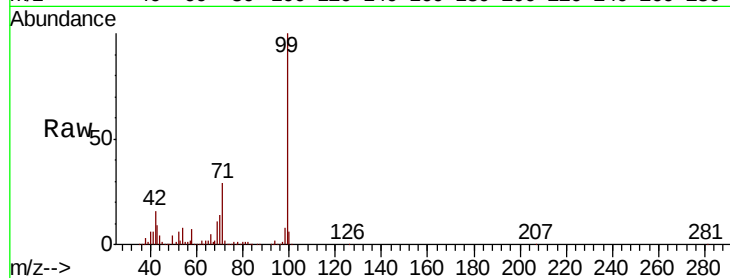
Tot Ion: 99 Resp: 1957952

Ion Ratio Lower Upper

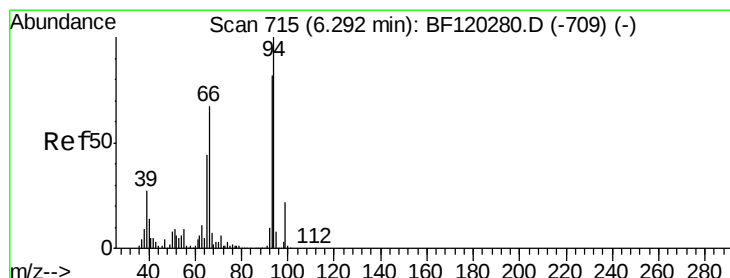
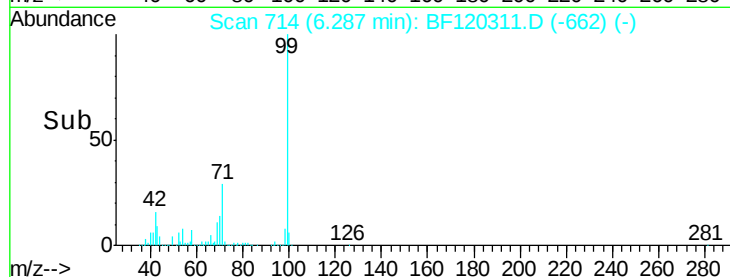
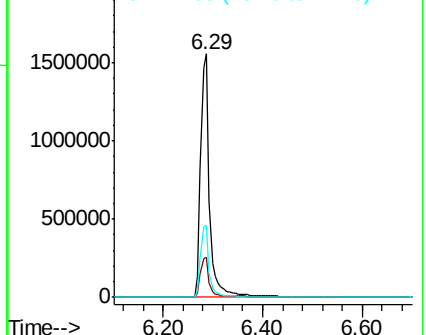
99 100

42 16.3 13.6 20.4

71 29.5 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



#10

Phenol

Concen: 8.551 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF120311.D

Acq: 15 May 2020 00:40

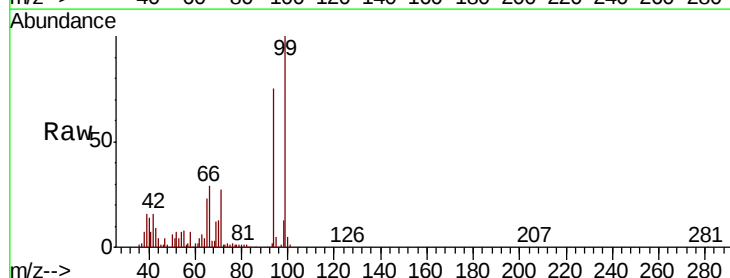
Tgt Ion: 94 Resp: 199349

Ion Ratio Lower Upper

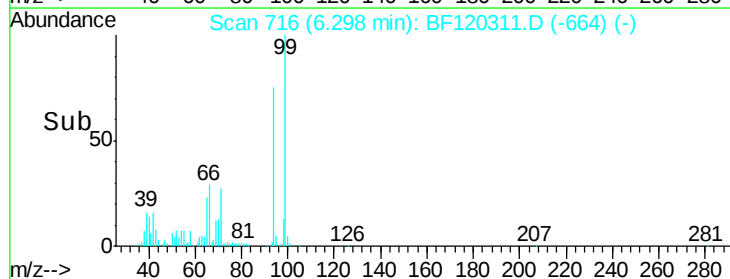
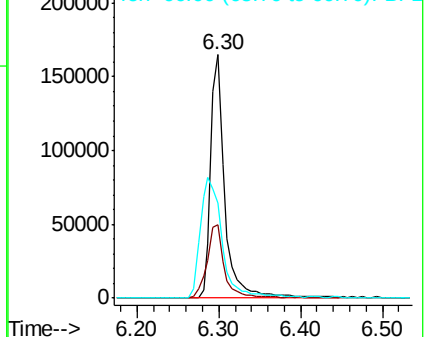
94 100

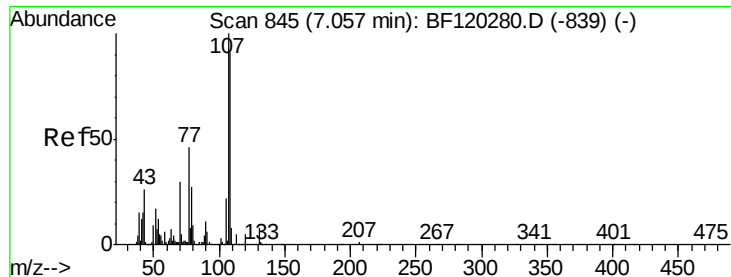
65 30.2 24.1 64.1

66 39.2 47.5 87.5#



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: 27.453 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF120311.D

Acq: 15 May 2020 00:40

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tot Ion:107 Resp: 554809

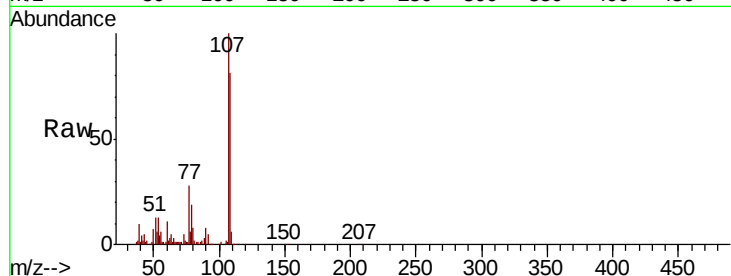
Ion Ratio Lower Upper

107 100

108 81.4 71.1 111.1

77 27.8 28.1 68.1#

79 19.4 6.8 46.8

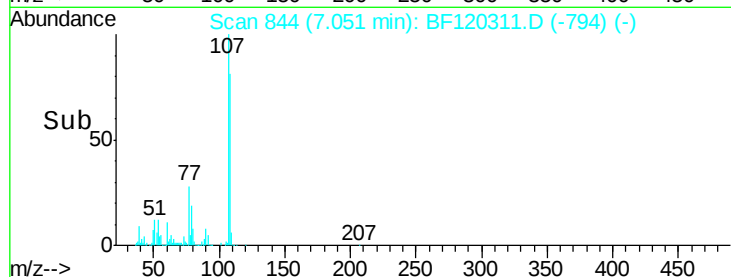


Abundance Ion 107.00 (106.70 to 107.70): E

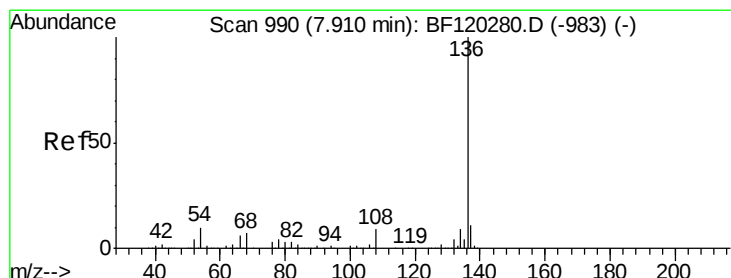
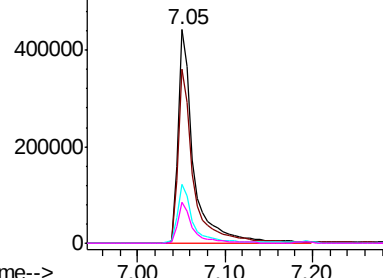
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120311.D

Acq: 15 May 2020 00:40

Tgt Ion:136 Resp: 1180668

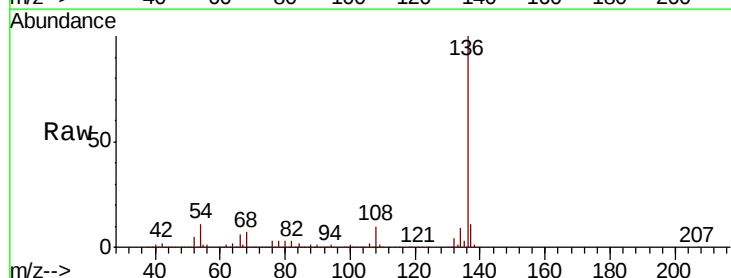
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.5 7.9 11.9

68 7.0 5.4 8.2

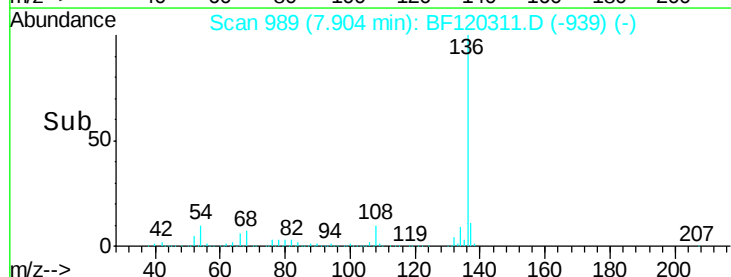


Abundance Ion 136.00 (135.70 to 136.70): E

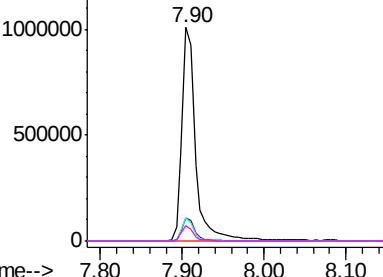
Ion 137.00 (136.70 to 137.70): E

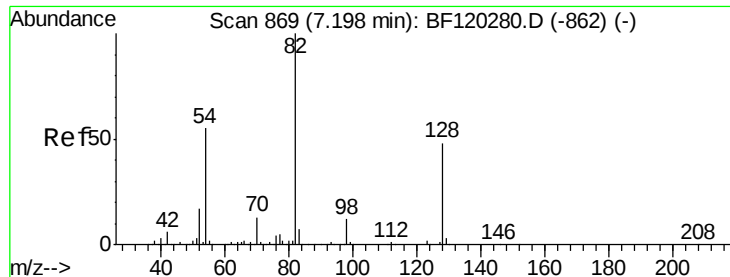
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



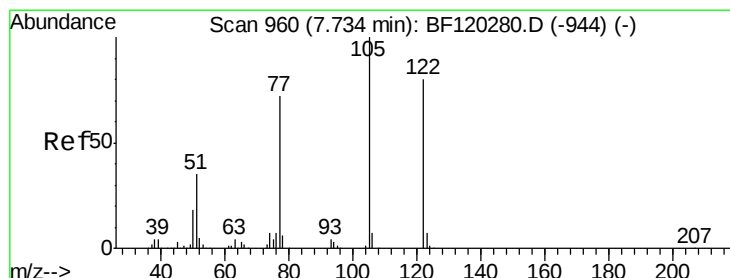
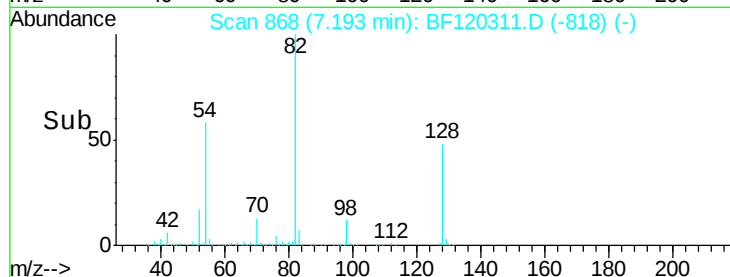
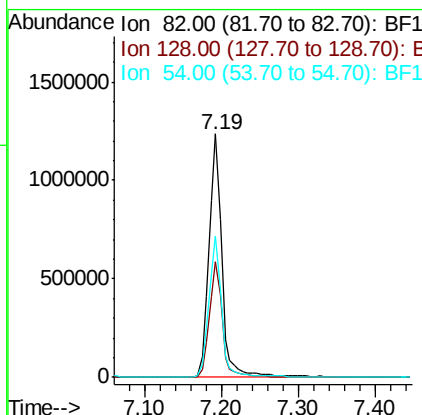
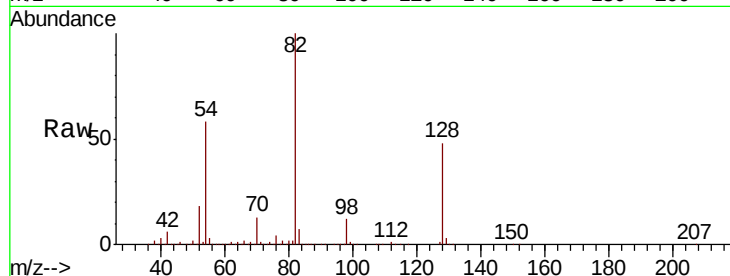


#23
 Nitrobenzene-d5
 Concen: 83.135 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF120311.D
 Acq: 15 May 2020 00:40

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion: 82 Resp: 1433617

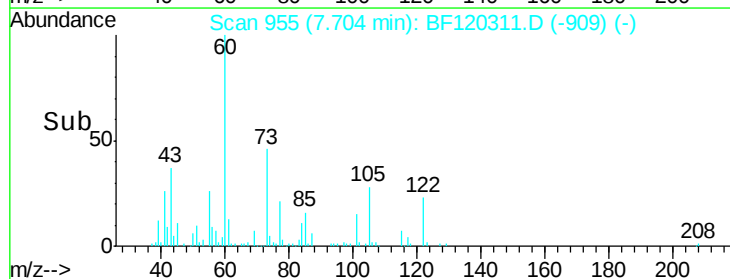
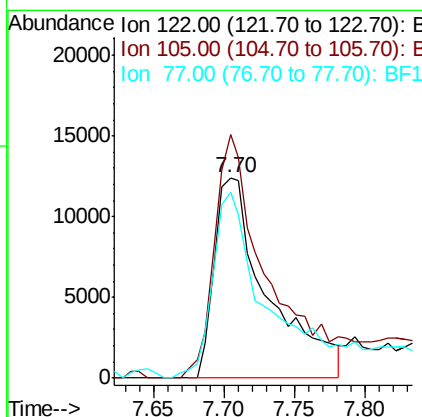
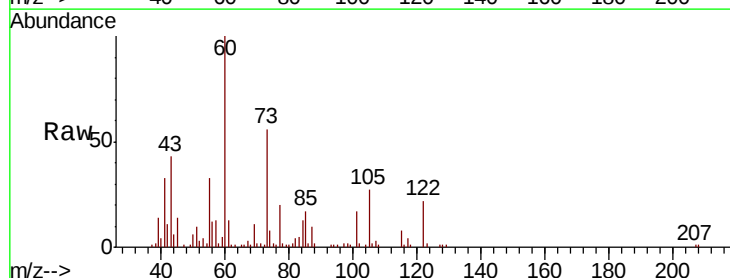
Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.3	57.5
54	57.7	43.9	65.9

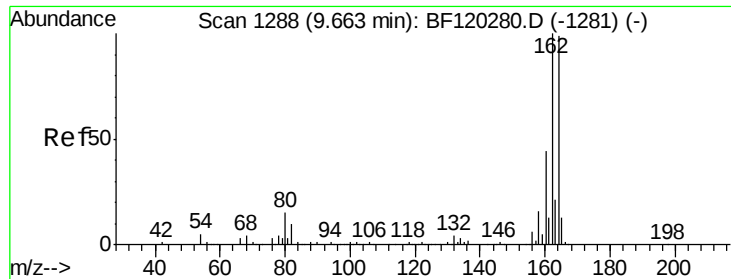


#32
 Benzoic acid
 Concen: 3.535 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BF120311.D
 Acq: 15 May 2020 00:40

Tgt Ion: 122 Resp: 32717

Ion	Ratio	Lower	Upper
122	100		
105	121.6	98.1	138.1
77	93.2	66.7	106.7

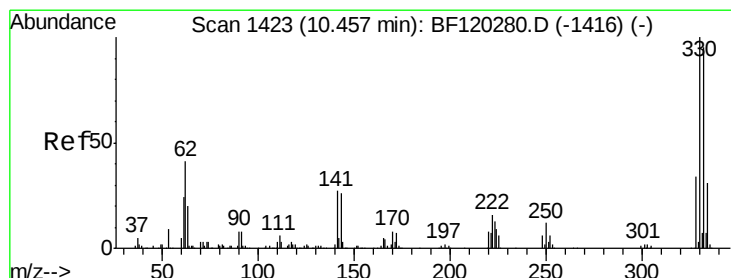
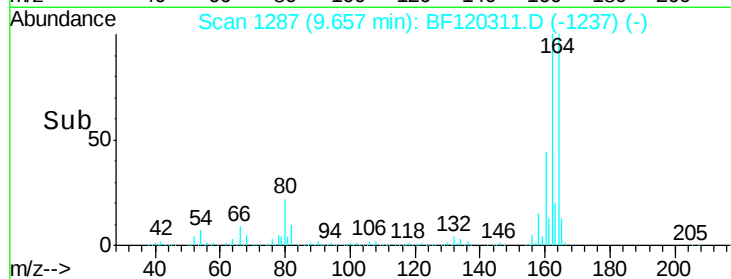
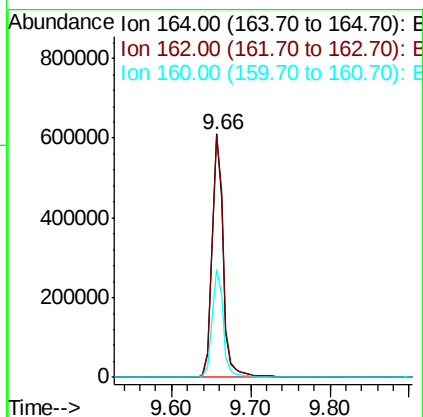
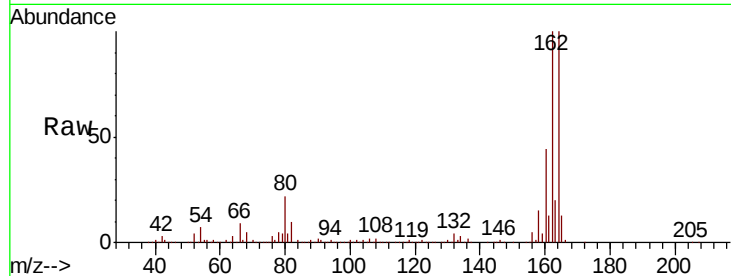




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120311.D
 Acq: 15 May 2020 00:40

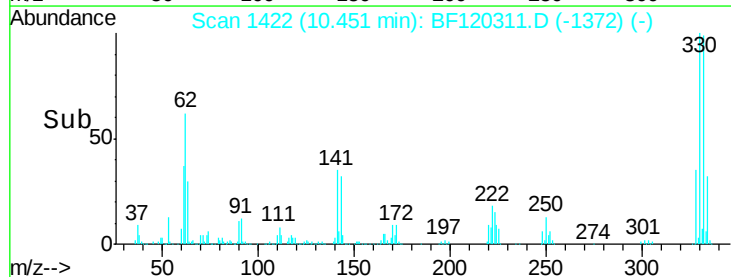
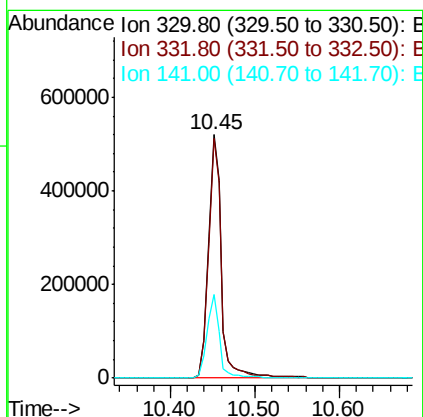
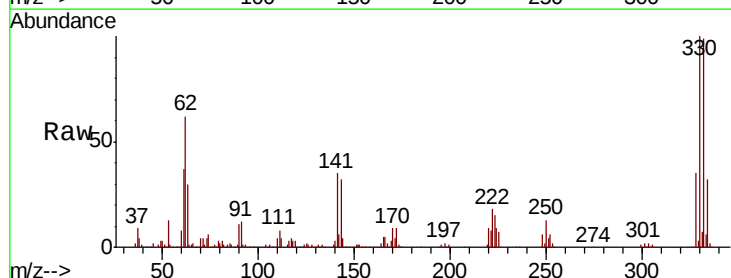
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

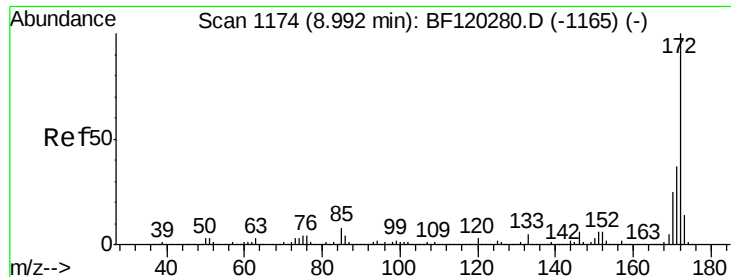
Tot Ion:	164	Resp:	584002
Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.2	121.8
160	44.2	35.8	53.6



#42
 2,4,6-Tribromophenol
 Concen: 118.178 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120311.D
 Acq: 15 May 2020 00:40

Tgt Ion:	330	Resp:	562723
Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.5	114.7
141	32.8	25.4	38.0



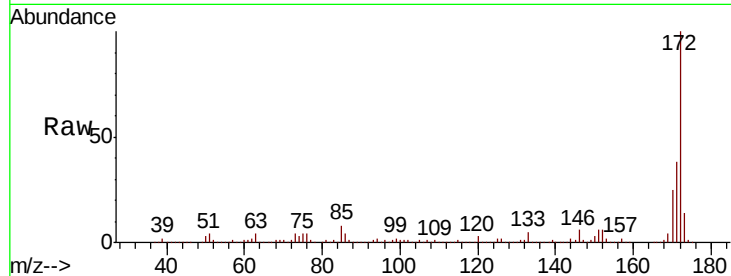


#45
 2-Fluorobiphenyl
 Concen: 99.679 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120311.D
 Acq: 15 May 2020 00:40

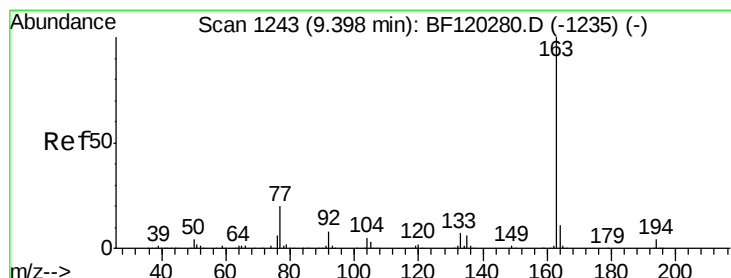
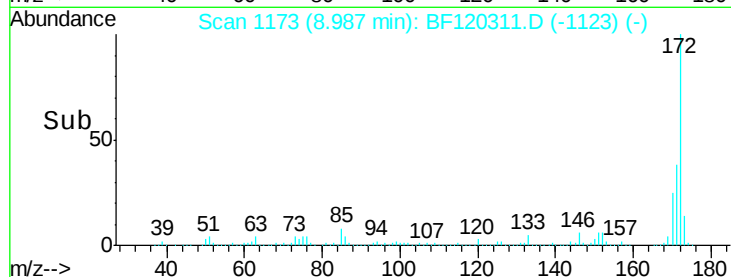
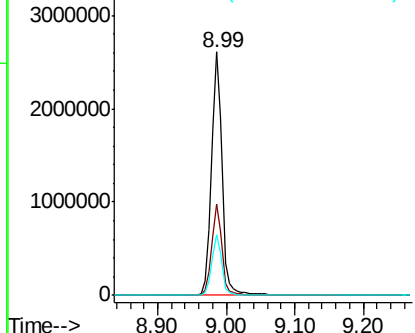
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion:172 Resp: 2833462

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	24.8	19.9	29.9



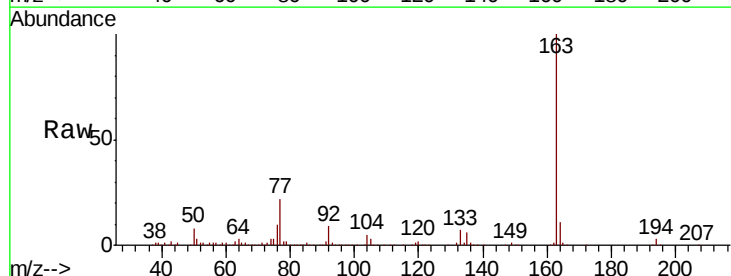
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



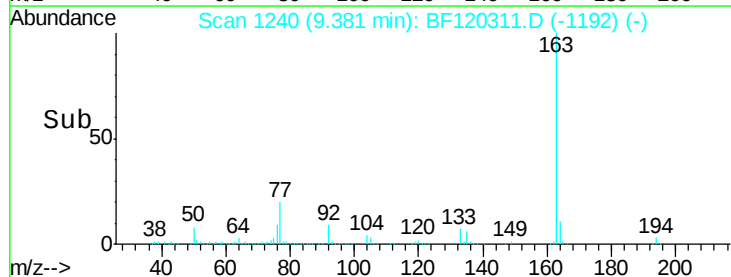
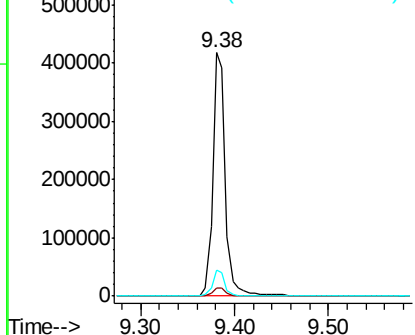
#50
 Dimethylphthalate
 Concen: 10.808 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: BF120311.D
 Acq: 15 May 2020 00:40

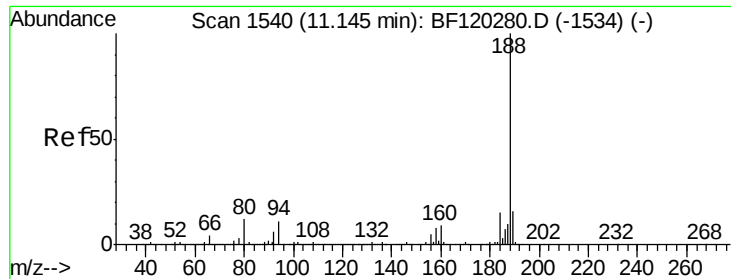
Tgt Ion:163 Resp: 399005

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.8	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

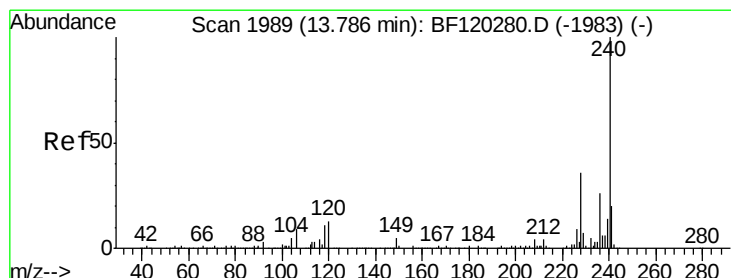
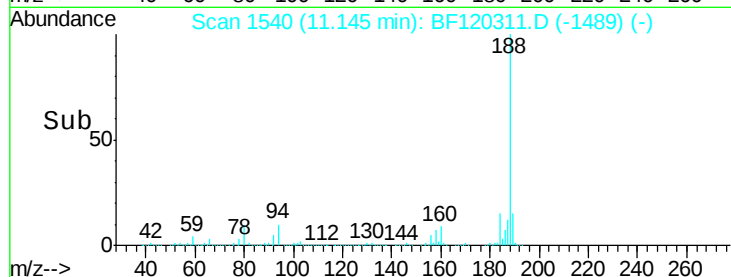
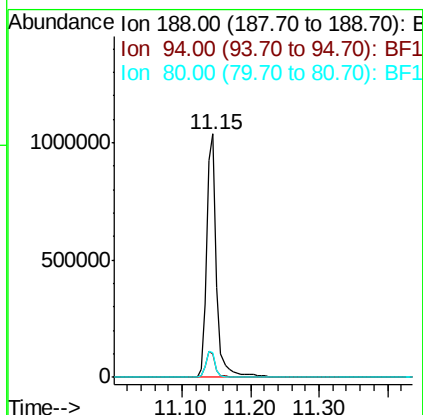
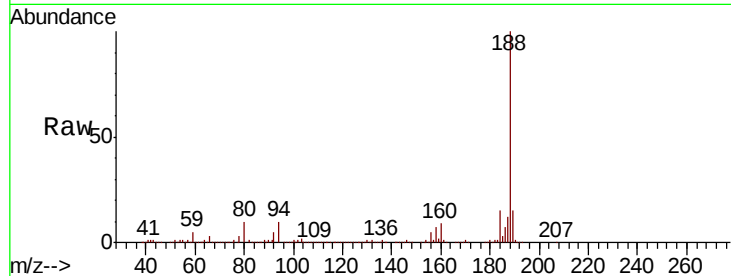




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF120311.D
Acq: 15 May 2020 00:40

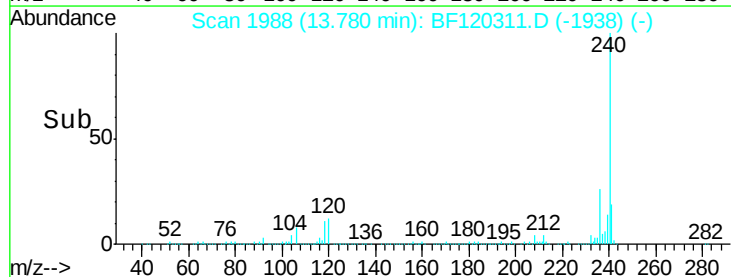
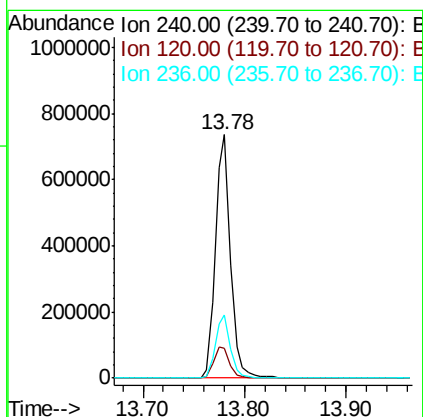
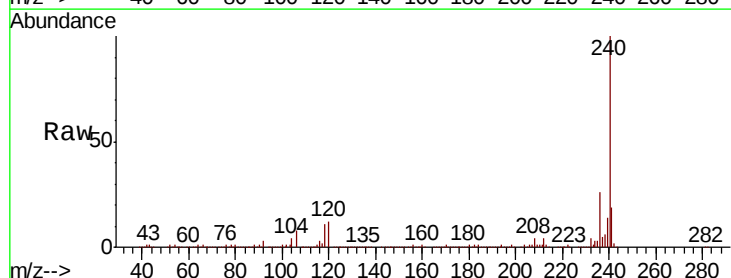
Instrument :
BNA_F
ClientSampled :
BUS-WASH

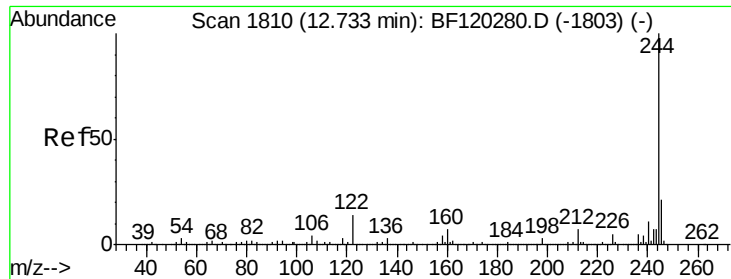
Tot Ion:188 Resp: 1065018
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120311.D
Acq: 15 May 2020 00:40

Tgt Ion:240 Resp: 760501
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 70.903 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120311.D

Acq: 15 May 2020 00:40

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

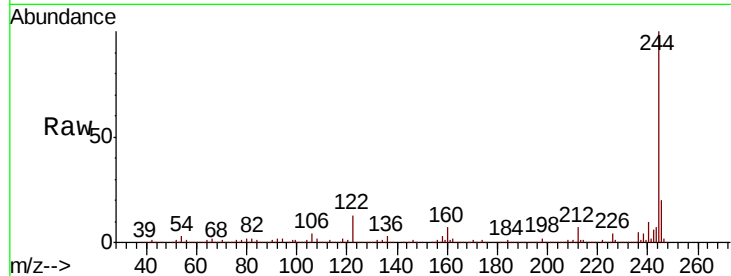
Tot Ion:244 Resp: 2440769

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

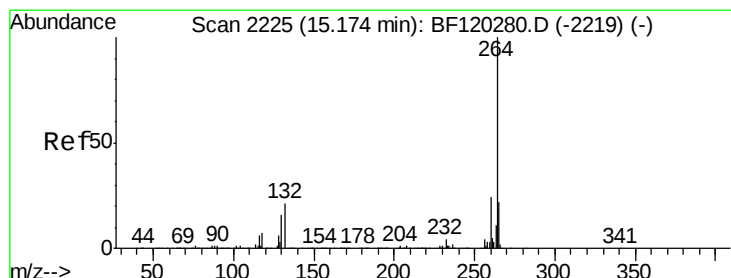
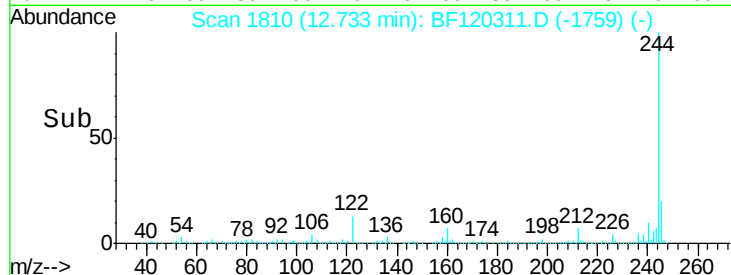
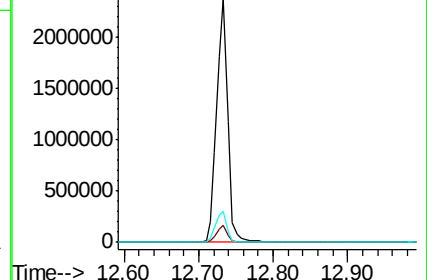
122 13.0 10.8 16.2



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: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF120311.D

Acq: 15 May 2020 00:40

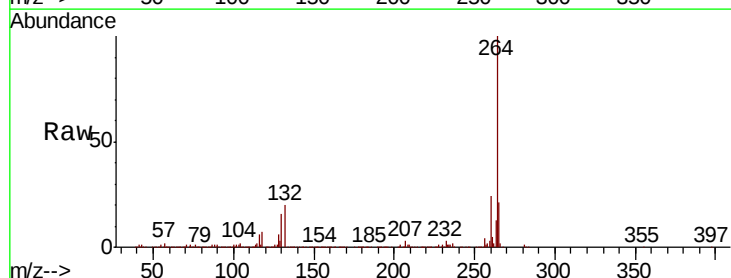
Tgt Ion:264 Resp: 681347

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.4 17.5 26.3



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

