

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
 Data File : BF120372.D
 Acq On : 20 May 2020 16:25
 Operator : MA/SJ
 Sample : L2713-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PIT

Quant Time: May 20 17:06:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

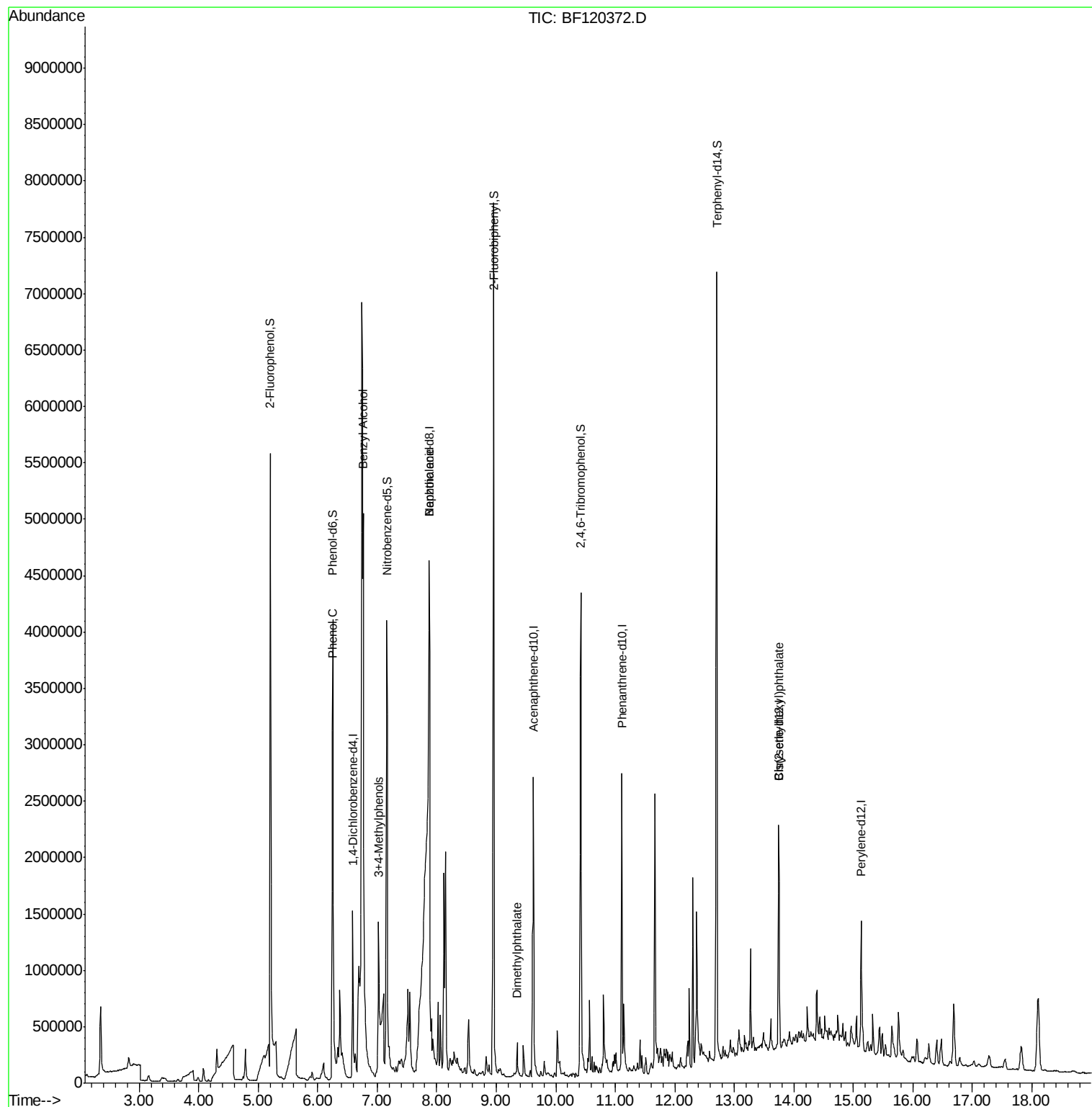
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	292642	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1212123	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	622593	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1136882	20.00	ng	0.00
76) Chrysene-d12	13.74	240	682435	20.00	ng	0.00
87) Perylene-d12	15.13	264	513534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1833399	121.90	ng	0.01
7) Phenol-d6	6.25	99	2167075	113.94	ng	0.00
23) Nitrobenzene-d5	7.16	82	1731639	97.81	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	655655	129.16	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	3178996	104.90	ng	0.00
79) Terphenyl-d14	12.70	244	3000860	97.15	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.26	94	94846	4.27	ng	91
15) Benzyl Alcohol	6.77	79	1669491	123.55	ng	98
20) 3+4-Methylphenols	7.03	107	468108	24.32	ng	# 83
32) Benzoic acid	7.88	122	3399553	357.79	ng	97
50) Dimethylphthalate	9.35	163	134981	3.43	ng	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	93500	3.28	ng	99

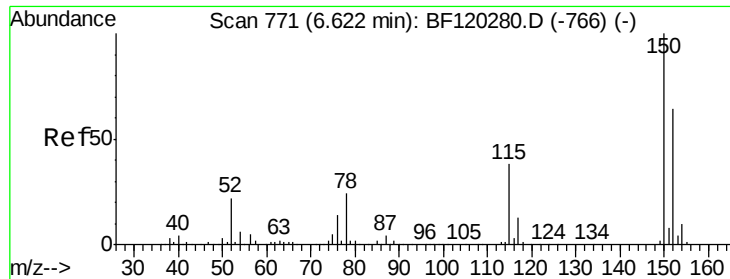
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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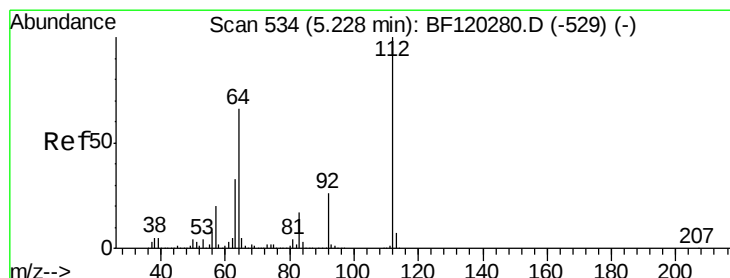
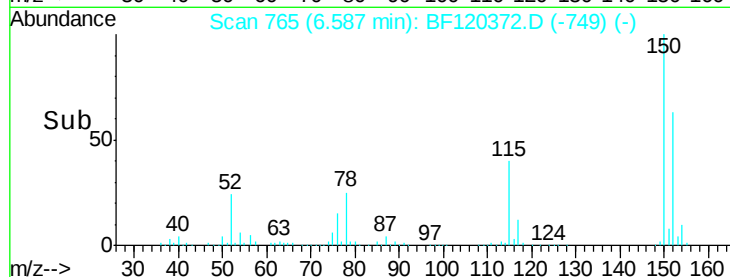
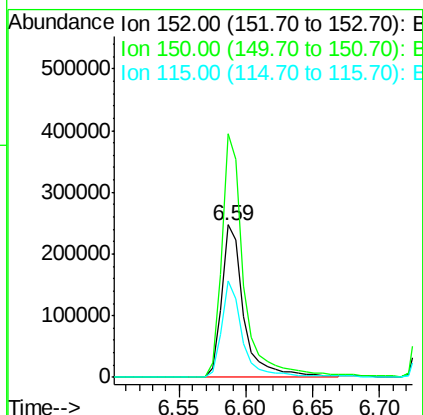
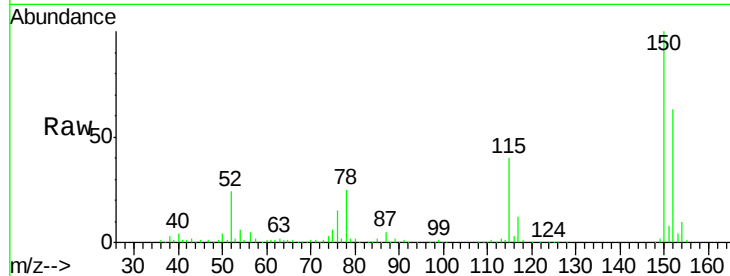


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF120372.D
Acq: 20 May 2020 16:25

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PIT

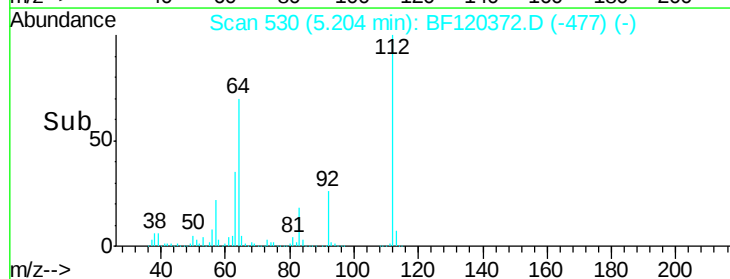
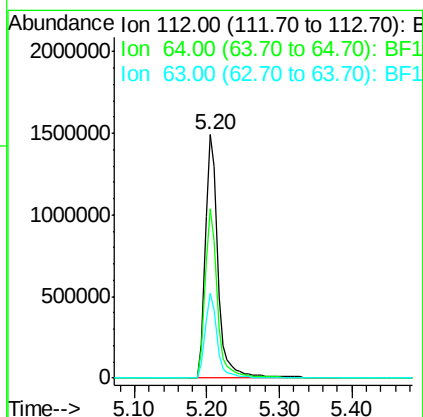
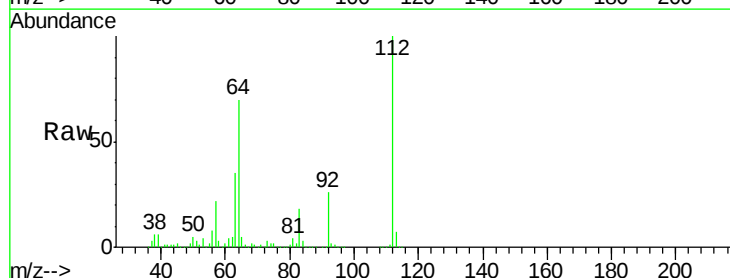
Tgt Ion:152 Resp: 292642
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 63.4 47.9 71.9

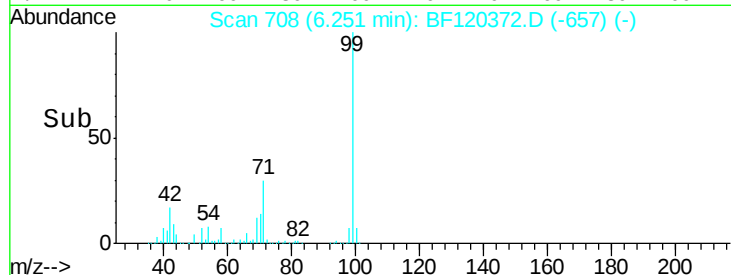
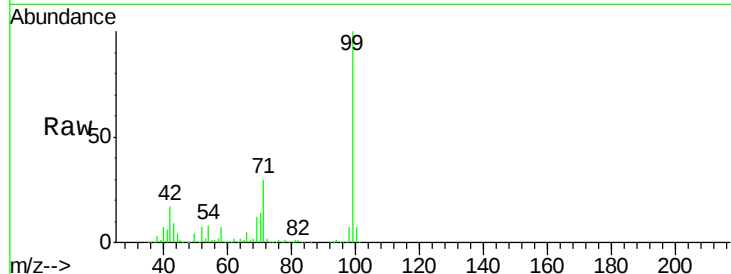
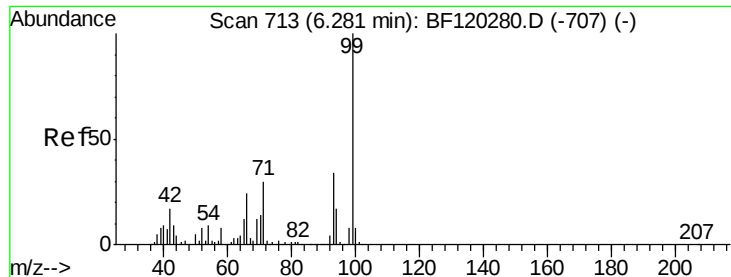


#5

2-Fluorophenol
Concen: 121.90 ng
RT: 5.20 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF120372.D
Acq: 20 May 2020 16:25

Tgt Ion:112 Resp: 1833399
Ion Ratio Lower Upper
112 100
64 69.6 52.7 79.1
63 34.6 26.2 39.4





#7

Phenol-d6

Concen: 113.94 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

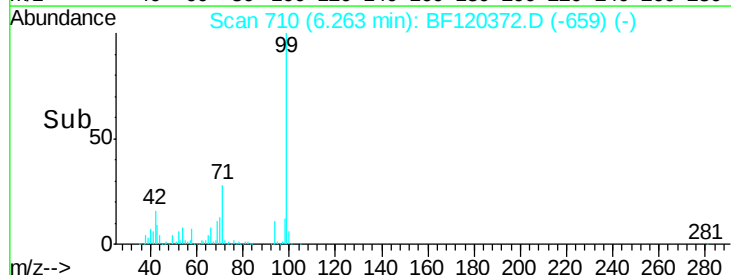
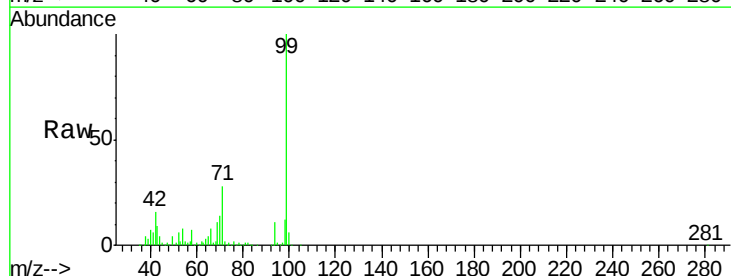
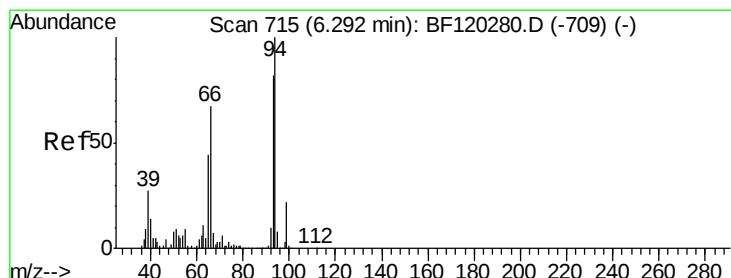
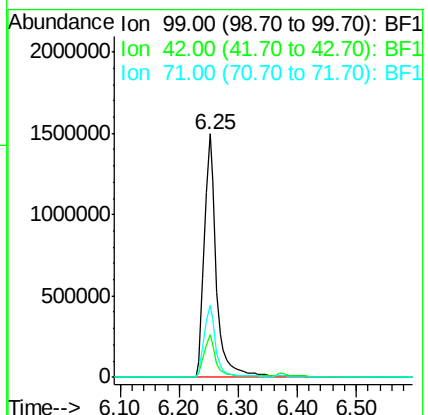
Tgt Ion: 99 Resp: 2167075

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 29.8 24.2 36.4



#10

Phenol

Concen: 4.27 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

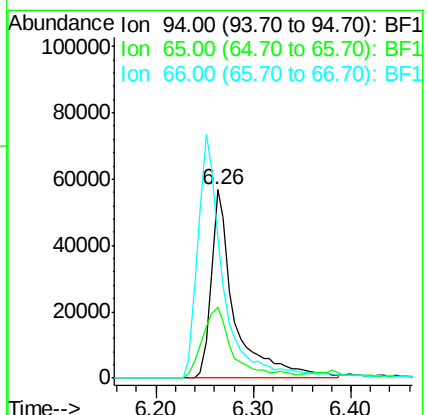
Tgt Ion: 94 Resp: 94846

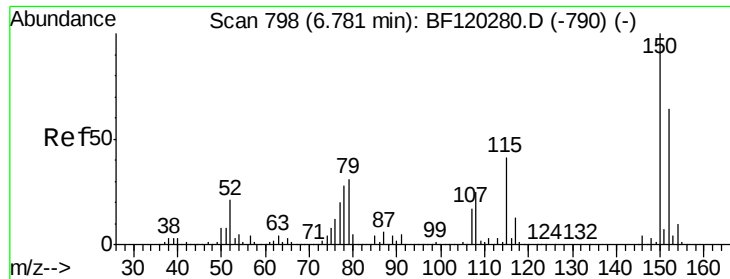
Ion Ratio Lower Upper

94 100

65 37.5 24.1 64.1

66 74.1 47.5 87.5





#15

Benzyl Alcohol

Concen: 123.55 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.02 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

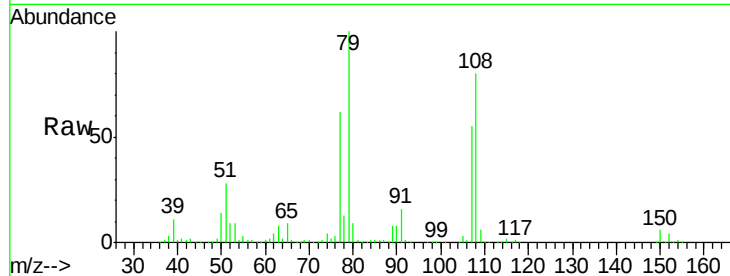
Tgt Ion: 79 Resp: 1669491

Ion Ratio Lower Upper

79 100

108 79.9 64.2 96.4

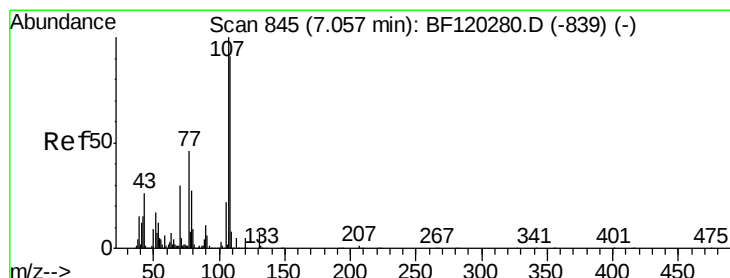
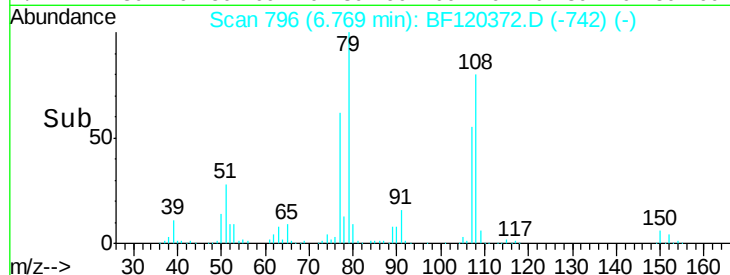
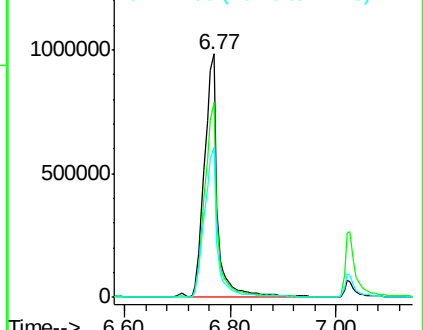
77 61.8 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#20

3+4-Methylphenols

Concen: 24.32 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

Tgt Ion: 107 Resp: 468108

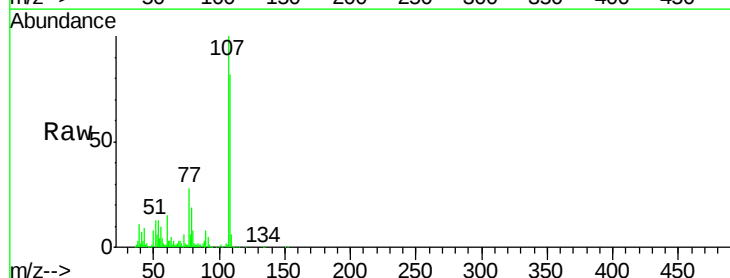
Ion Ratio Lower Upper

107 100

108 81.7 71.1 111.1

77 27.7 28.1 68.1#

79 19.0 6.8 46.8

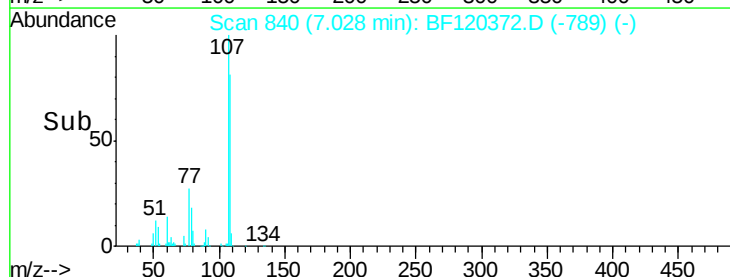
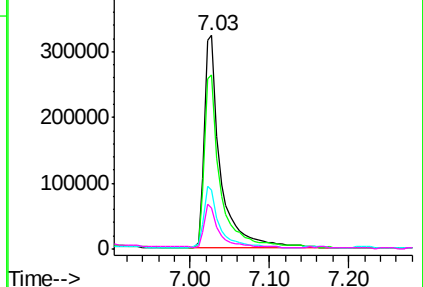


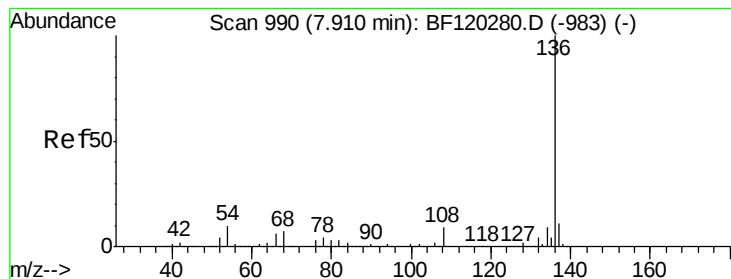
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

Tgt Ion: 136 Resp: 1212123

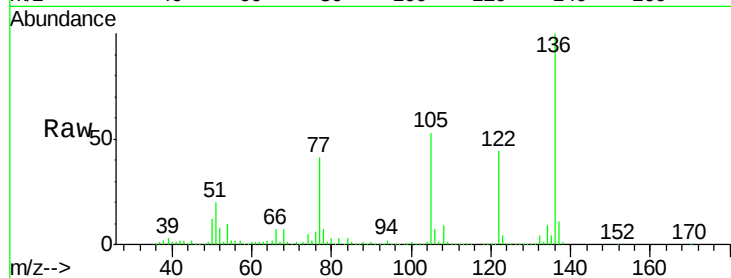
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.3 7.9 11.9

68 6.5 5.4 8.2

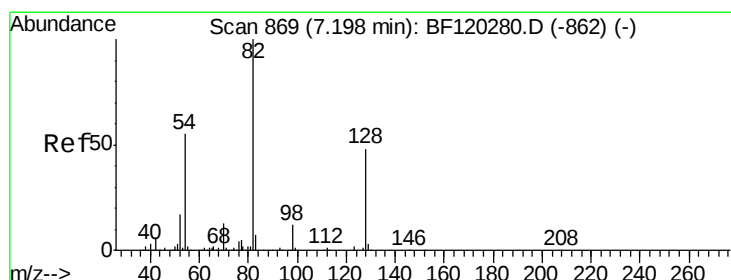
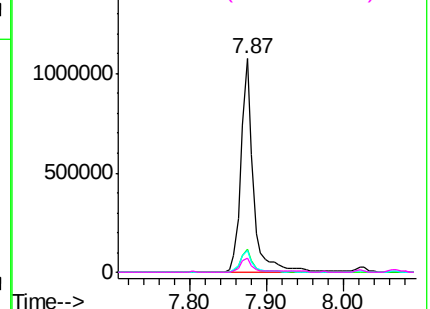
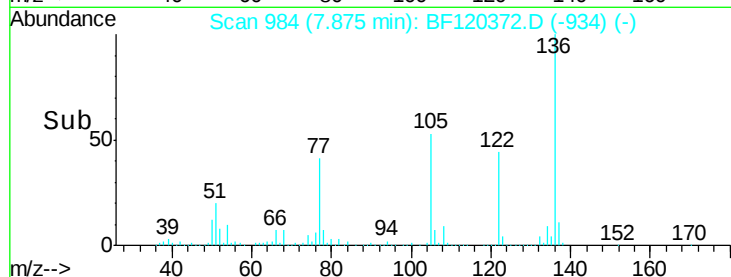


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.81 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

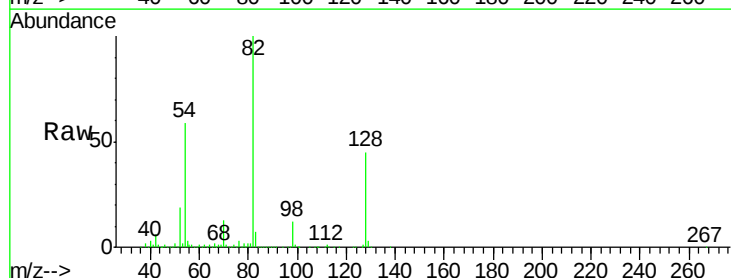
Tgt Ion: 82 Resp: 1731639

Ion Ratio Lower Upper

82 100

128 44.7 38.3 57.5

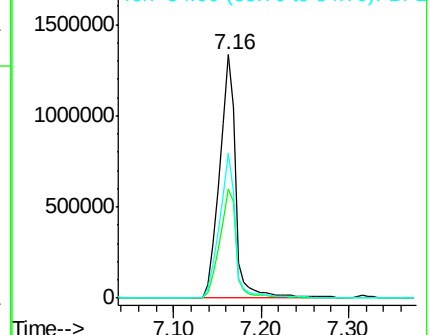
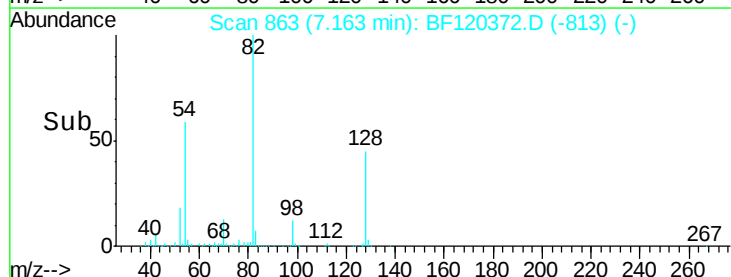
54 59.3 43.9 65.9

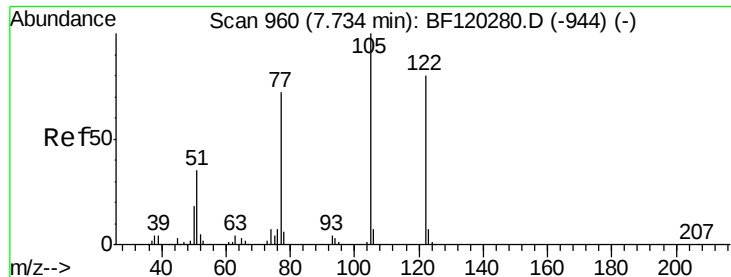


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 357.79 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.18 min

Lab File: BF120372.D

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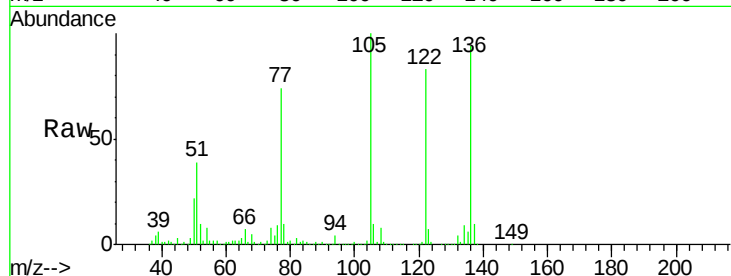
Tgt Ion:122 Resp: 3399553

Ion Ratio Lower Upper

122 100

105 120.5 98.1 138.1

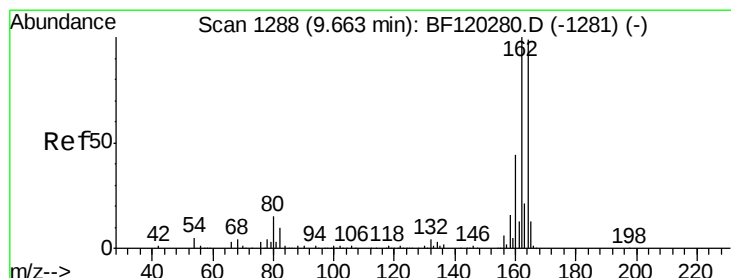
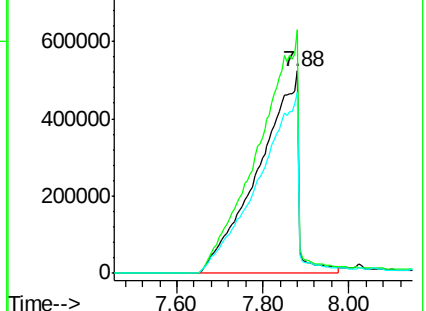
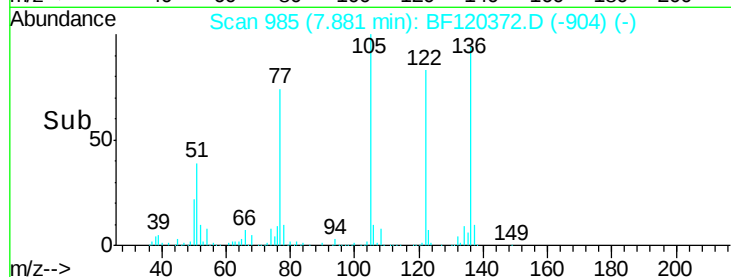
77 89.7 66.7 106.7



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: 20.00 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

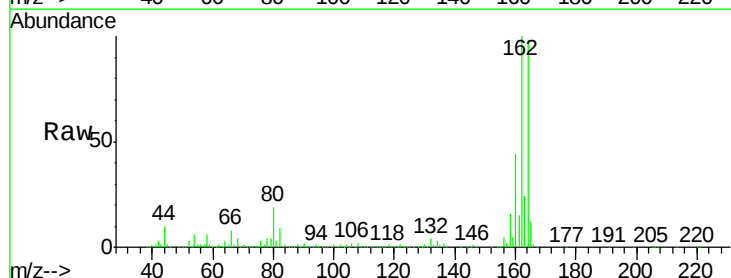
Tgt Ion:164 Resp: 622593

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

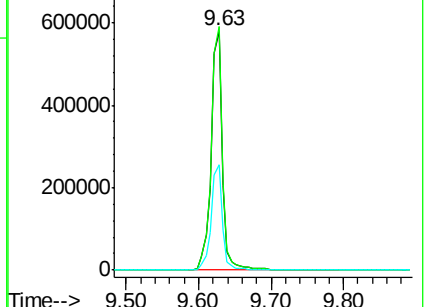
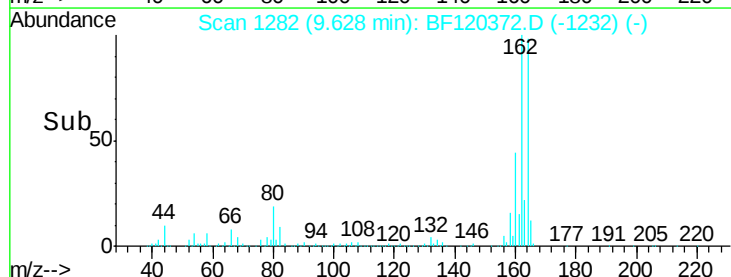
160 44.4 35.8 53.6

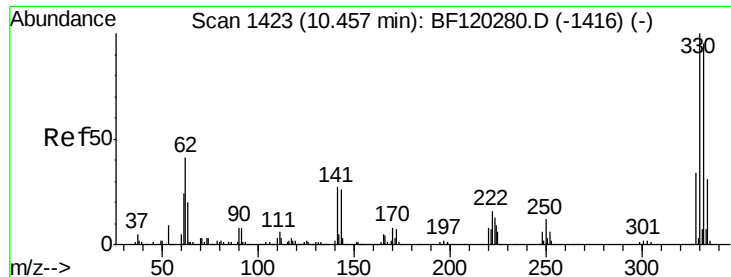


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

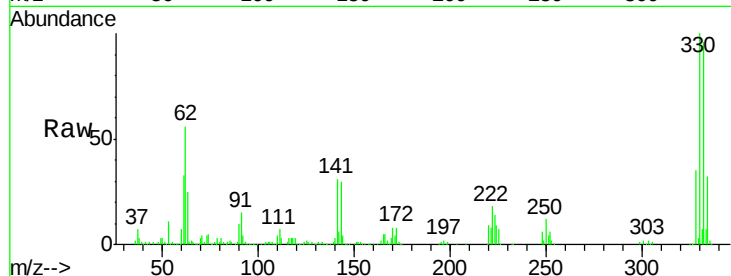




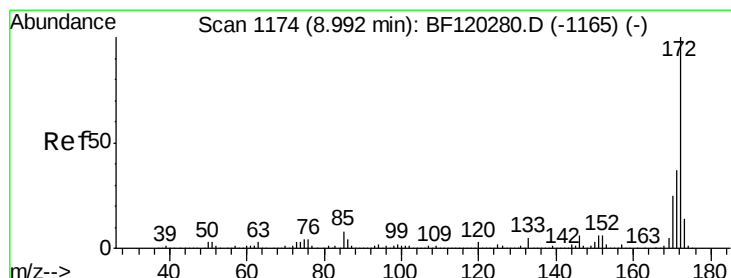
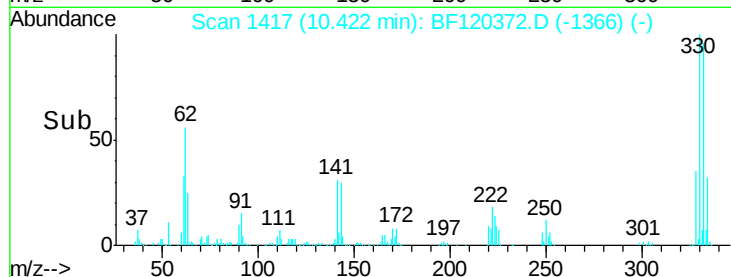
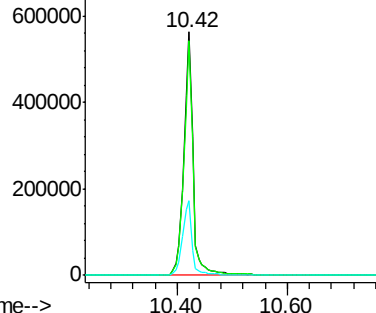
#42
 2,4,6-Tribromophenol
 Concen: 129.16 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF120372.D
 Acq: 20 May 2020 16:25

Instrument :
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Tgt Ion:330 Resp: 655655
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.5 114.7
 141 31.9 25.4 38.0

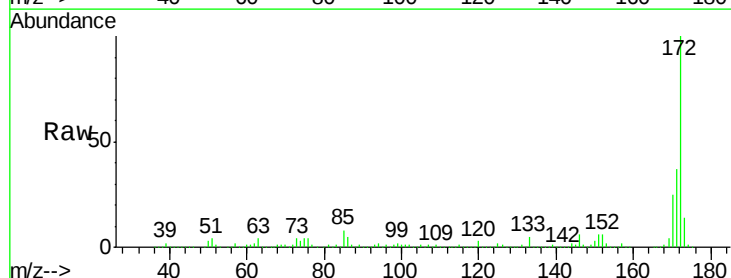


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

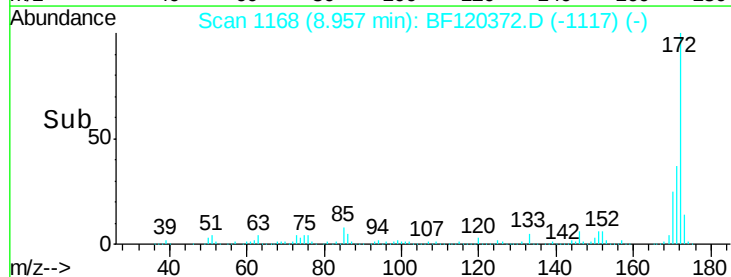
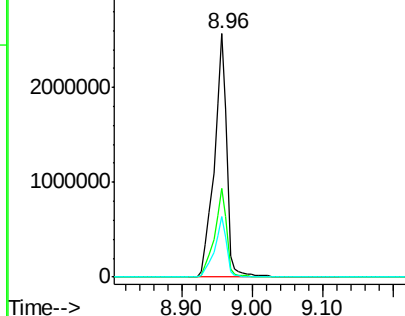


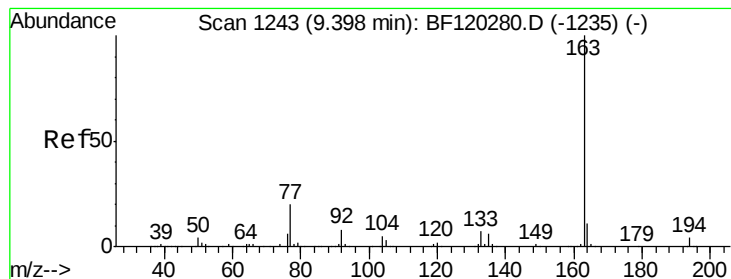
#45
 2-Fluorobiphenyl
 Concen: 104.90 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120372.D
 Acq: 20 May 2020 16:25

Tgt Ion:172 Resp: 3178996
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 25.0 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: 3.43 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.02 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

Instrument :

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ClientSampleId :

BUS-WASH-SLUDGE-PIT

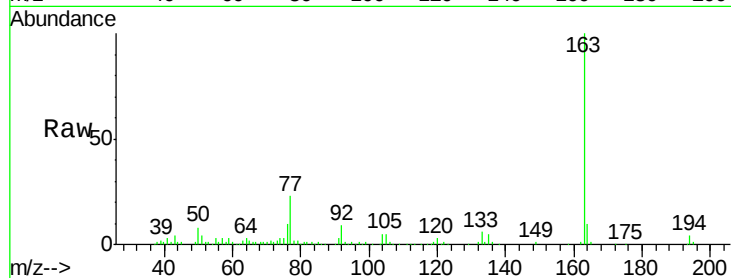
Tgt Ion:163 Resp: 134981

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

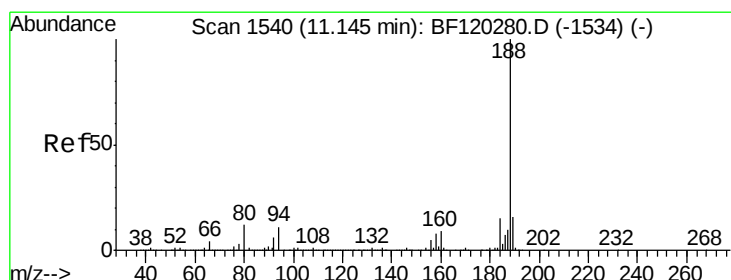
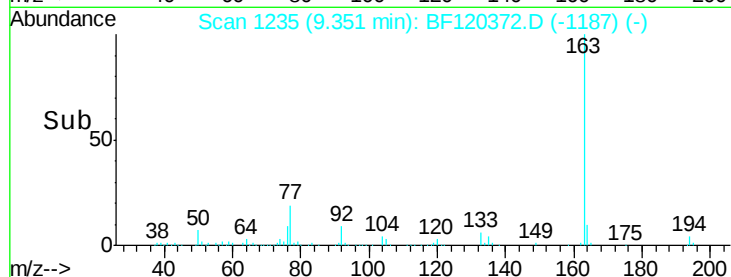
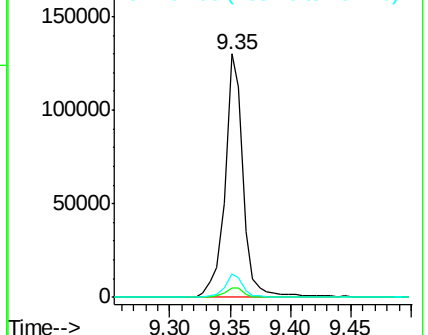
164 9.5 8.6 12.8



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: 20.00 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

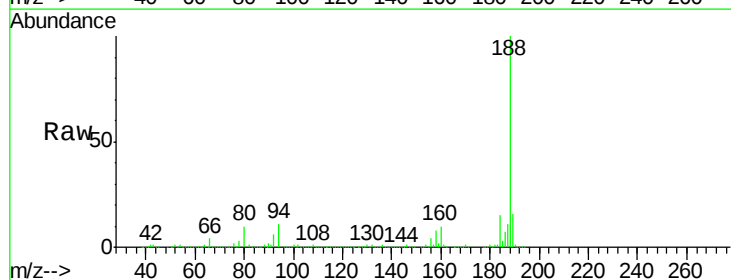
Tgt Ion:188 Resp: 1136882

Ion Ratio Lower Upper

188 100

94 10.5 8.6 13.0

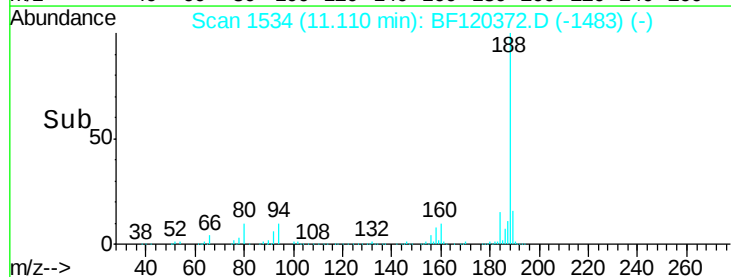
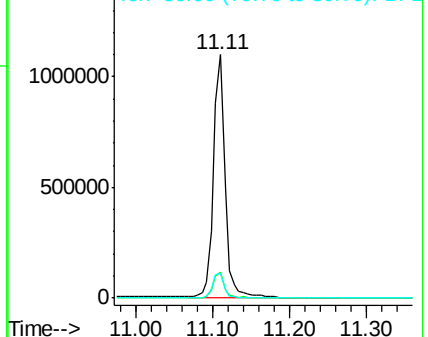
80 10.2 9.2 13.8

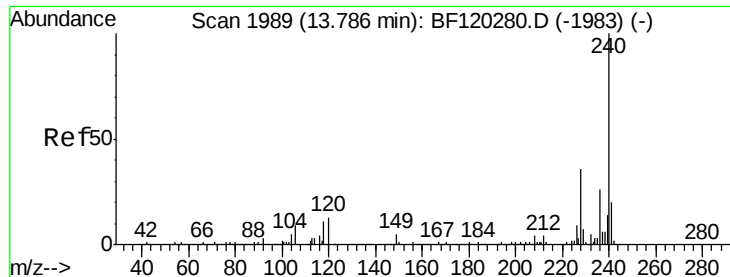


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

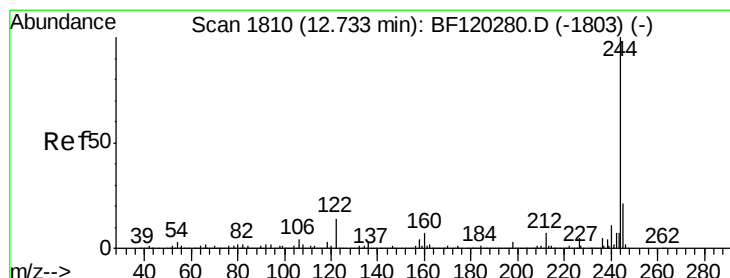
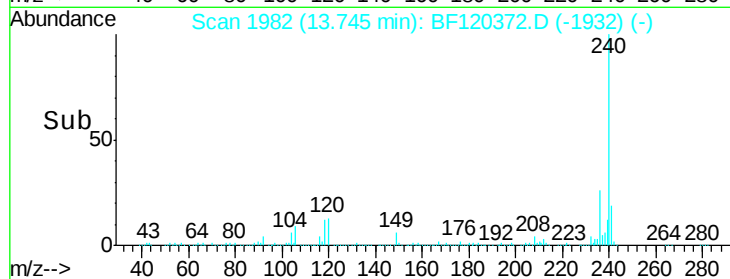
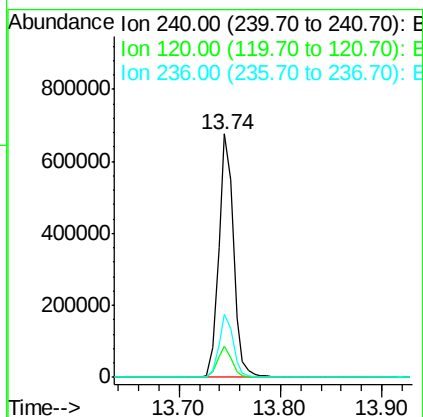
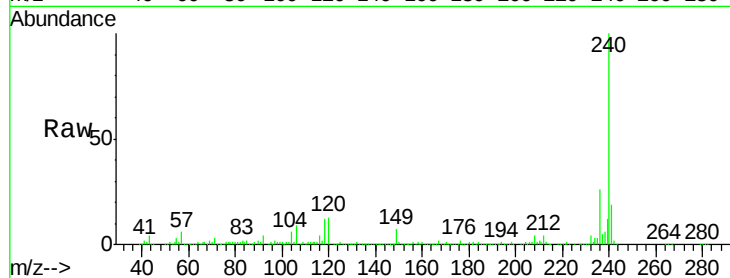




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120372.D
Acq: 20 May 2020 16:25

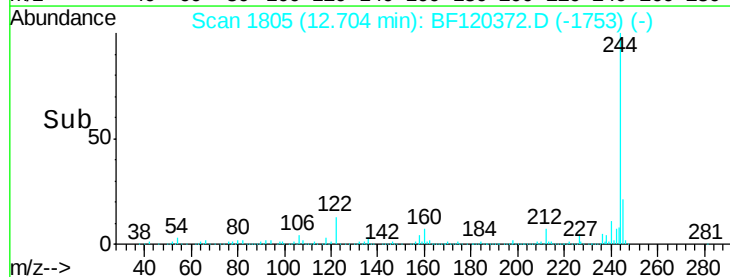
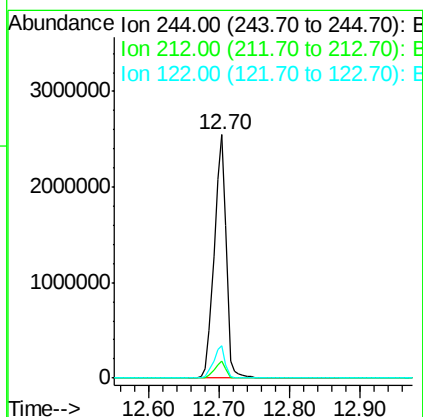
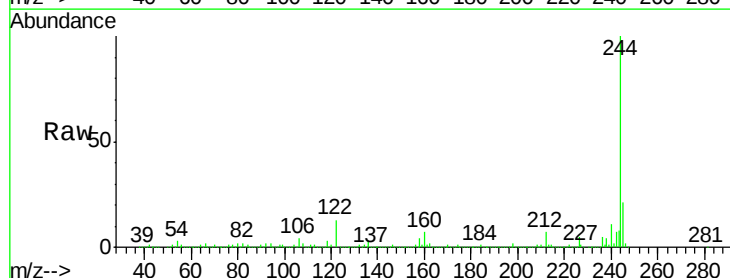
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PIT

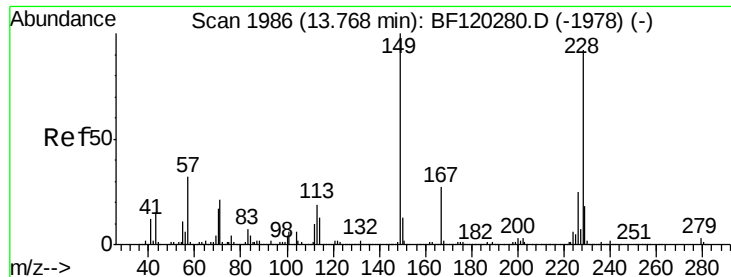
Tgt Ion:240 Resp: 682435
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 25.7 21.0 31.6



#79
Terphenyl-d14
Concen: 97.15 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF120372.D
Acq: 20 May 2020 16:25

Tgt Ion:244 Resp: 3000860
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 13.3 10.8 16.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.28 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

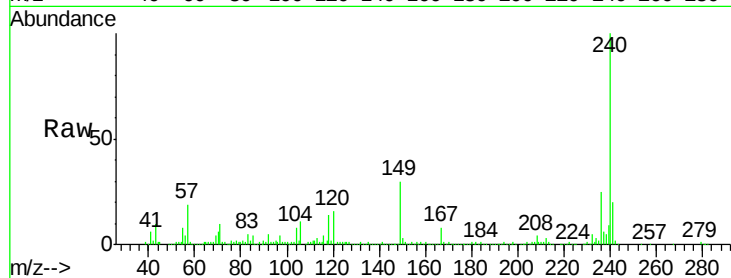
Tgt Ion:149 Resp: 93500

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

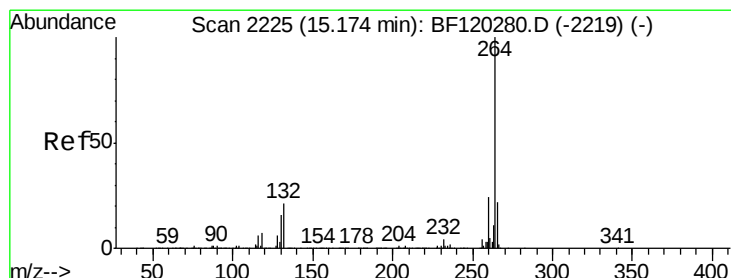
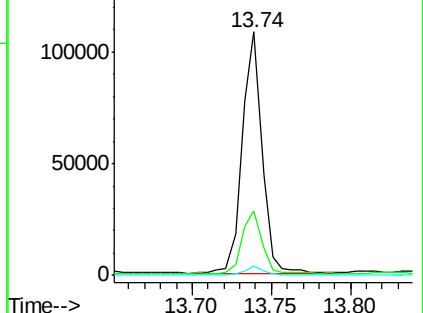
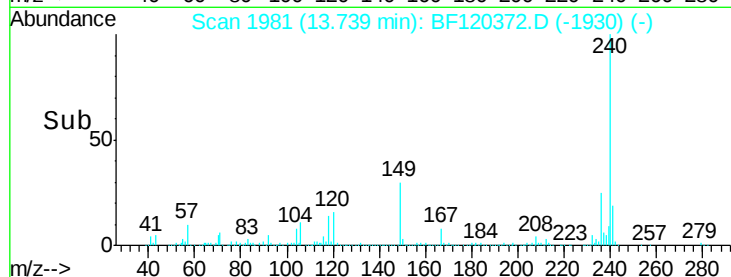
279 3.8 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF120372.D

Acq: 20 May 2020 16:25

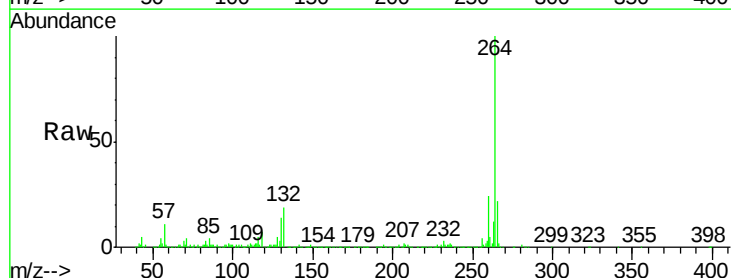
Tgt Ion:264 Resp: 513534

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.5 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

