

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
 Data File : BF120373.D
 Acq On : 20 May 2020 16:52
 Operator : MA/SJ
 Sample : L2713-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZIPPER-DRAINS-SLUDGE-PIT

Quant Time: May 20 17:25:26 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

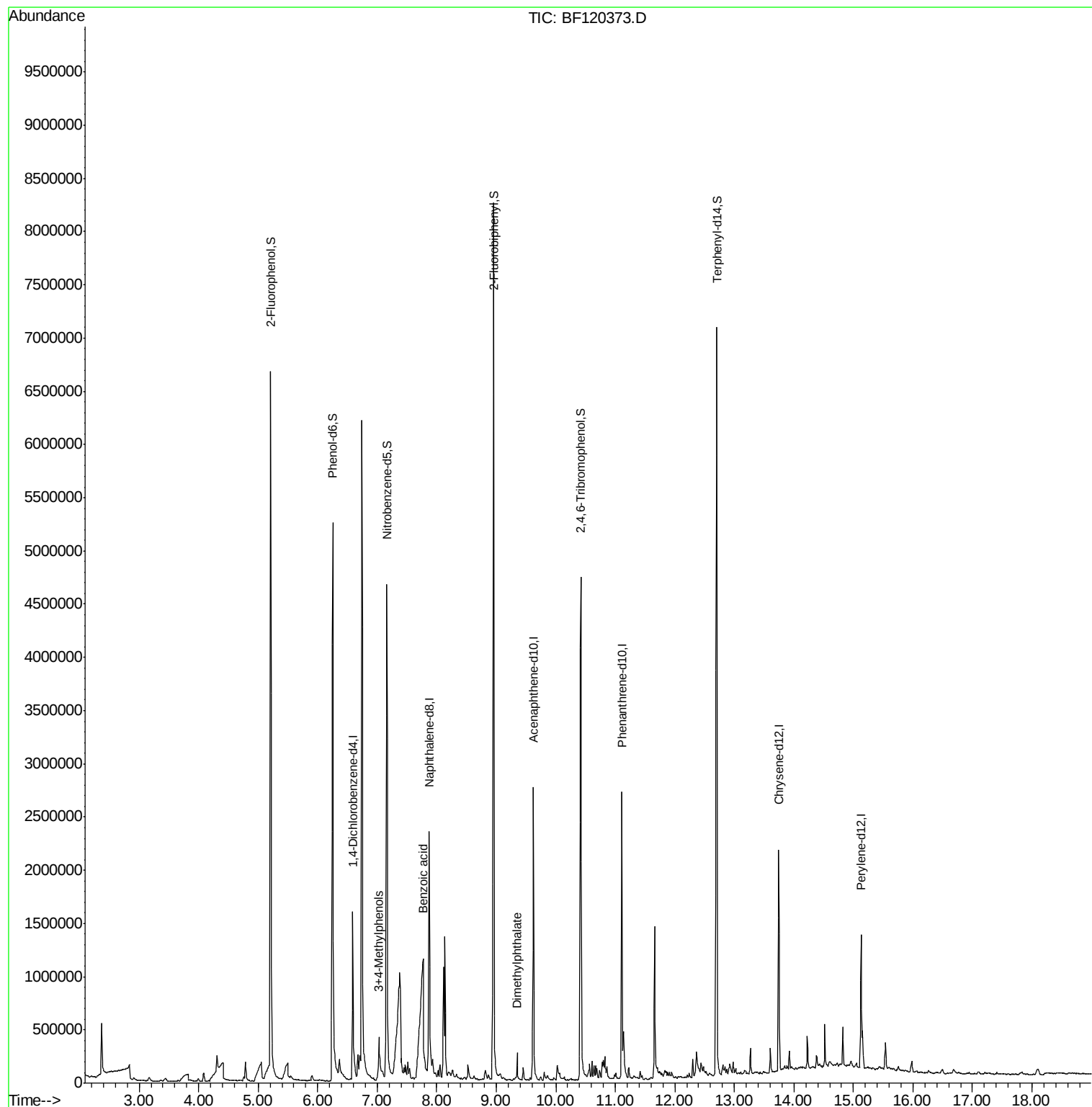
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	320796	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1288558	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	661246	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1120294	20.00	ng	0.00
76) Chrysene-d12	13.74	240	740264	20.00	ng	0.00
87) Perylene-d12	15.13	264	568136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2146836	130.21	ng	0.02
7) Phenol-d6	6.25	99	2726105	130.75	ng	0.00
23) Nitrobenzene-d5	7.16	82	1999967	106.27	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	738491	136.97	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	3320709	103.17	ng	0.00
79) Terphenyl-d14	12.70	244	3090239	92.22	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.03	107	173665	8.23	ng	Qvalue # 84
32) Benzoic acid	7.77	122	926303	91.71	ng	99
50) Dimethylphthalate	9.35	163	103418	2.47	ng	99

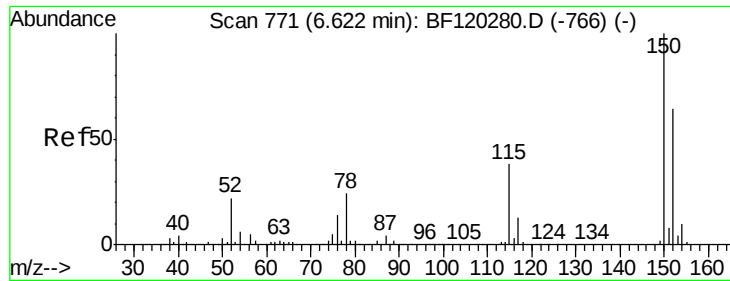
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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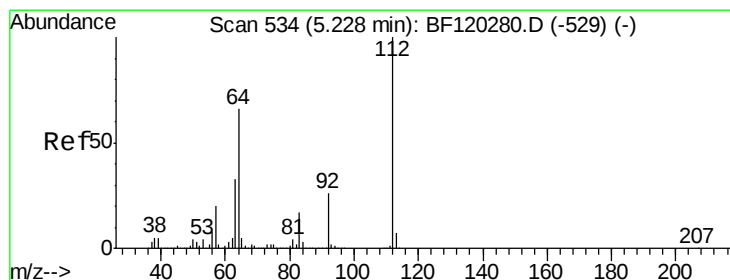
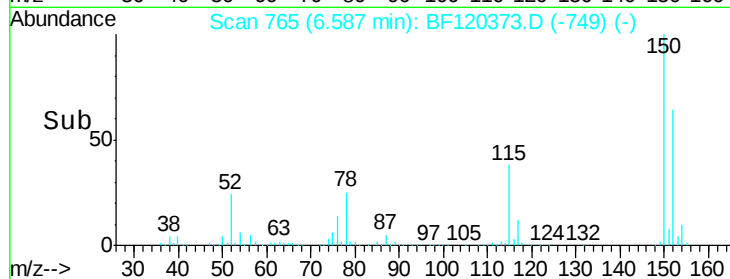
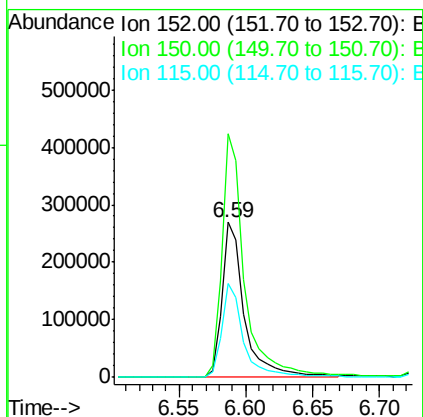
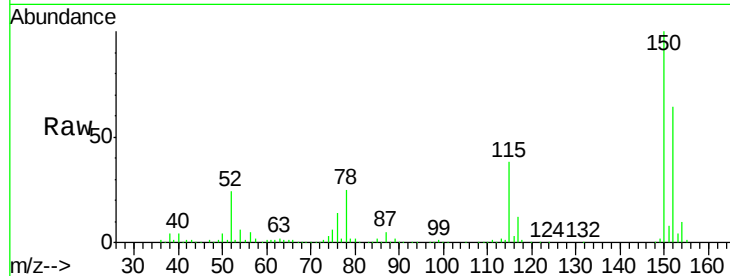




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF120373.D
 Acq: 20 May 2020 16:52

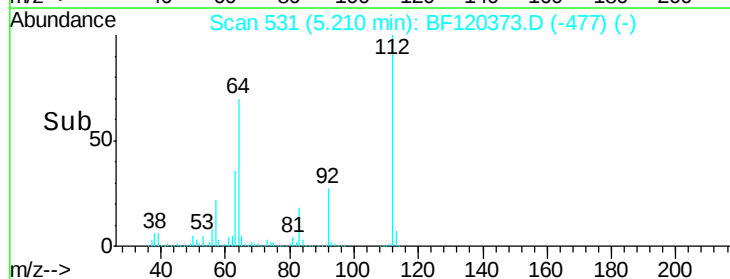
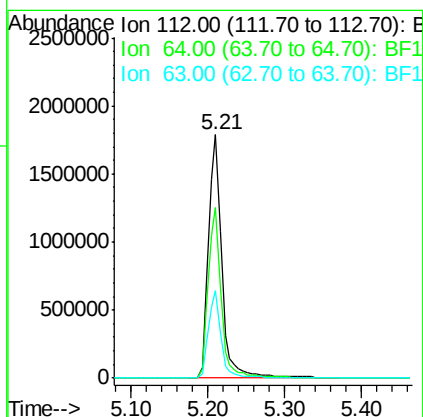
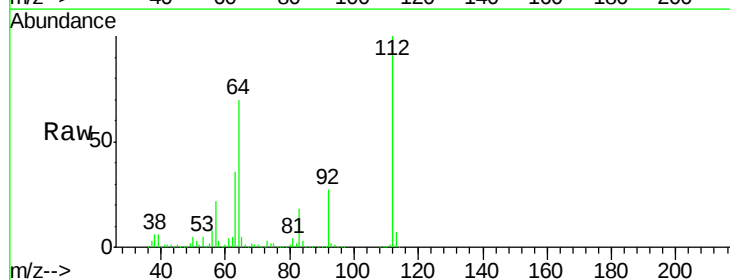
Instrument :
 BNA_F
 ClientSampleId :
 ZIPPER-DRAINS-SLUDGE-PIT

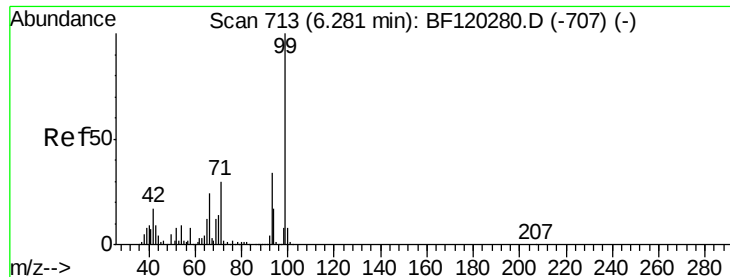
Tgt Ion:152 Resp: 320796
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 60.5 47.9 71.9



#5
 2-Fluorophenol
 Concen: 130.21 ng
 RT: 5.21 min Scan# 531
 Delta R.T. 0.02 min
 Lab File: BF120373.D
 Acq: 20 May 2020 16:52

Tgt Ion:112 Resp: 2146836
 Ion Ratio Lower Upper
 112 100
 64 70.1 52.7 79.1
 63 35.8 26.2 39.4





#7

Phenol-d6

Concen: 130.75 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS-SLUDGE-PIT

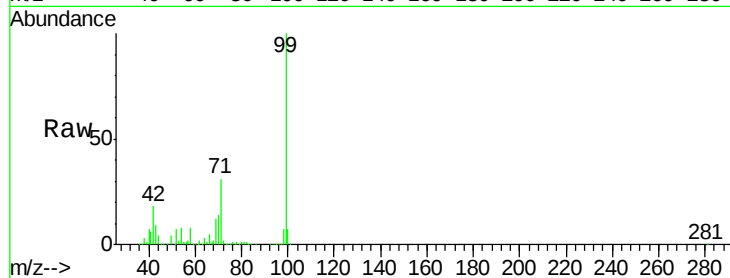
Tgt Ion: 99 Resp: 2726105

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

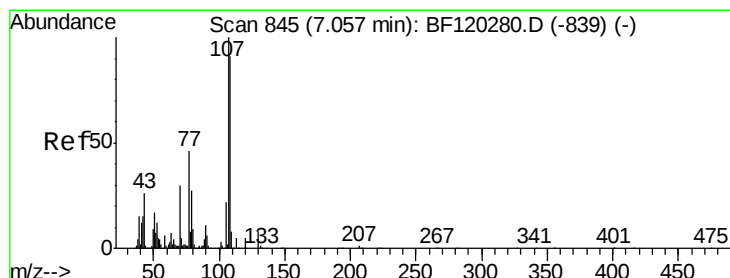
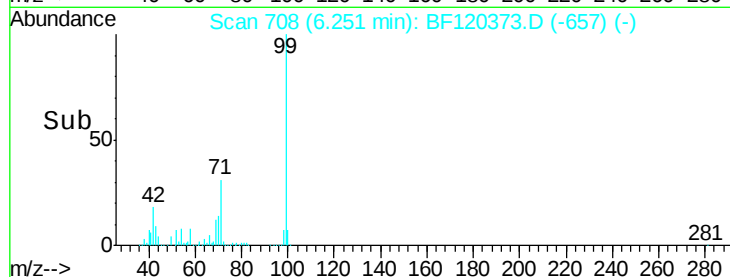
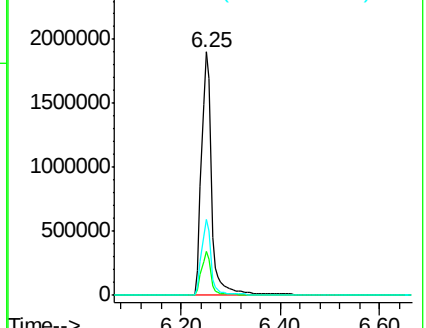
71 31.0 24.2 36.4



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



#20

3+4-Methylphenols

Concen: 8.23 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

Tgt Ion: 107 Resp: 173665

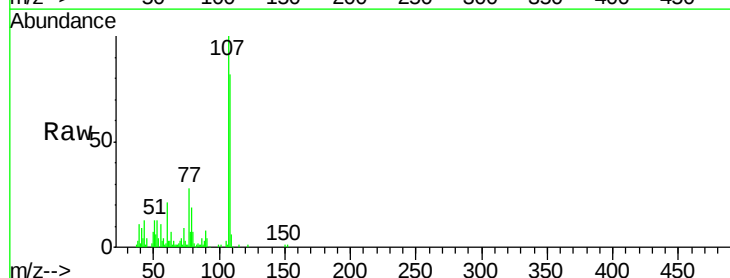
Ion Ratio Lower Upper

107 100

108 82.3 71.1 111.1

77 27.6 28.1 68.1#

79 19.0 6.8 46.8

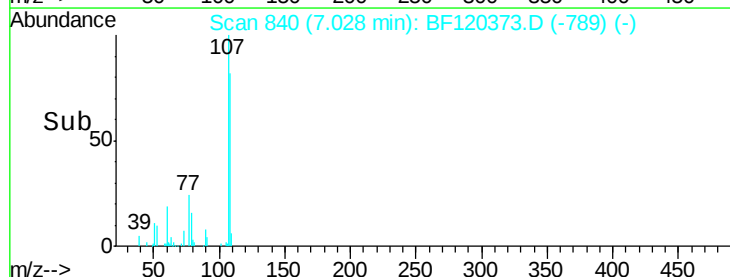
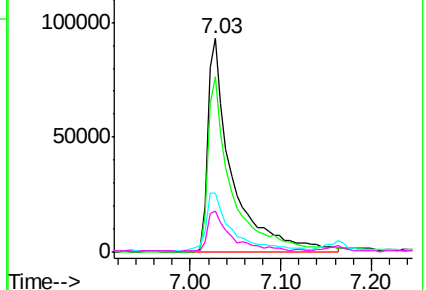


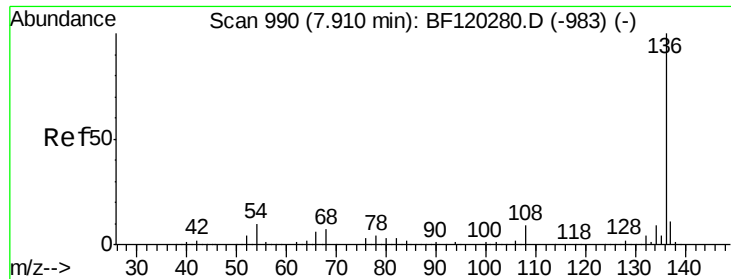
Abundance Ion 107.00 (106.70 to 107.70): E

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

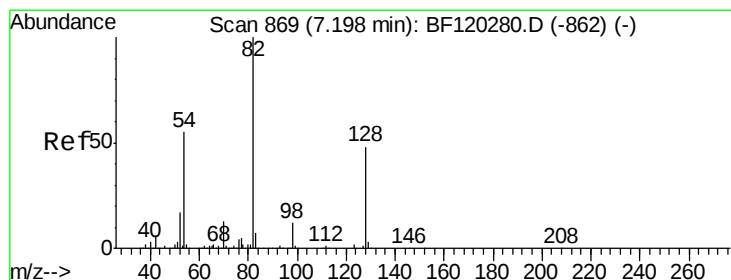
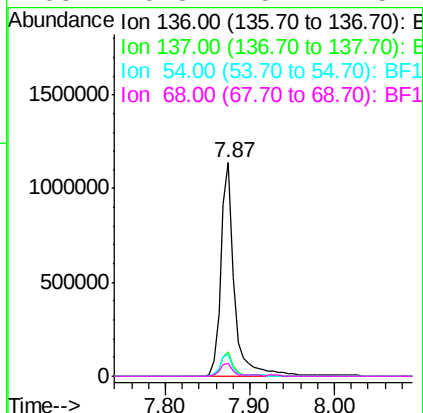
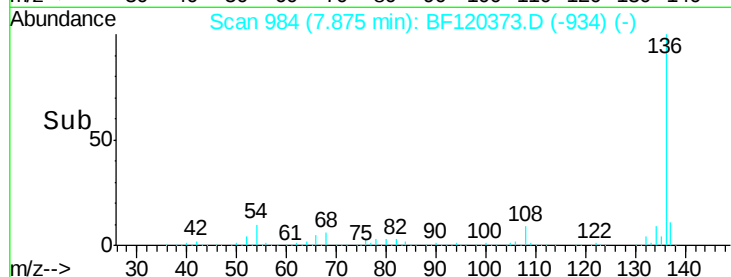
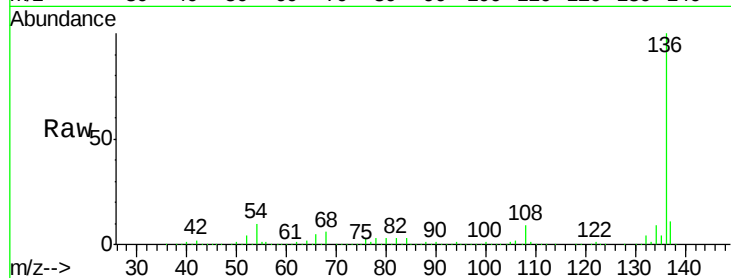




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120373.D
Acq: 20 May 2020 16:52

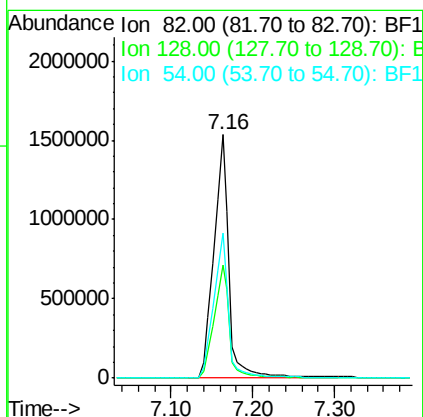
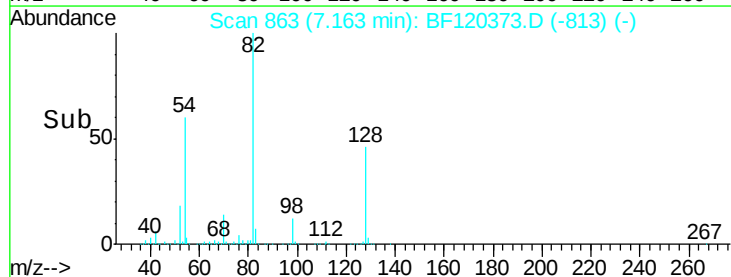
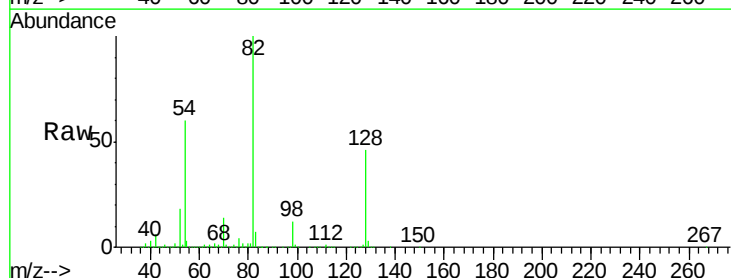
Instrument :
BNA_F
ClientSampleId :
ZIPPER-DRAINS-SLUDGE-PIT

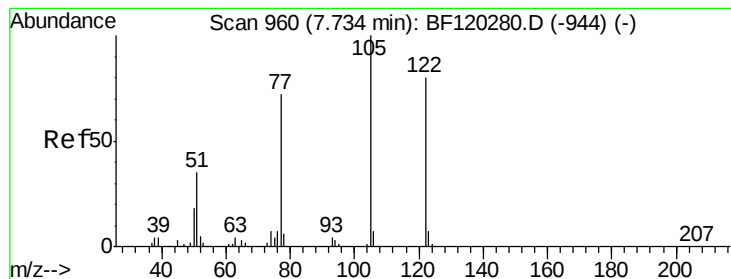
Tgt Ion:	136	Resp:	1288558
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.2	7.9	11.9
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 106.27 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF120373.D
Acq: 20 May 2020 16:52

Tgt Ion:	82	Resp:	1999967
Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.3	57.5
54	59.7	43.9	65.9





#32

Benzoic acid

Concen: 91.71 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.07 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS-SLUDGE-PIT

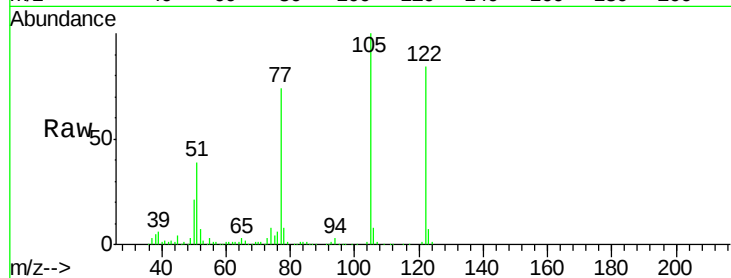
Tgt Ion:122 Resp: 926303

Ion Ratio Lower Upper

122 100

105 119.4 98.1 138.1

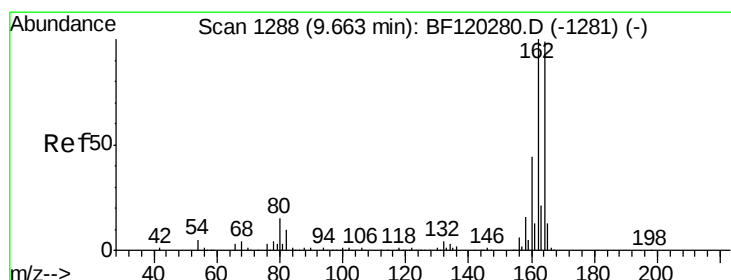
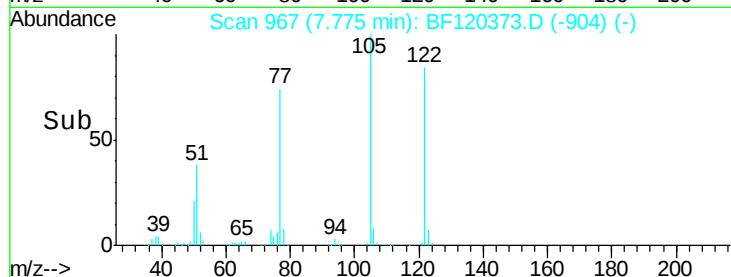
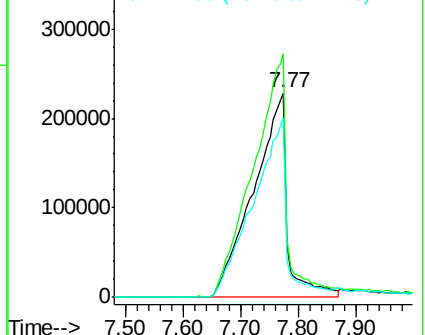
77 88.4 66.7 106.7



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: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

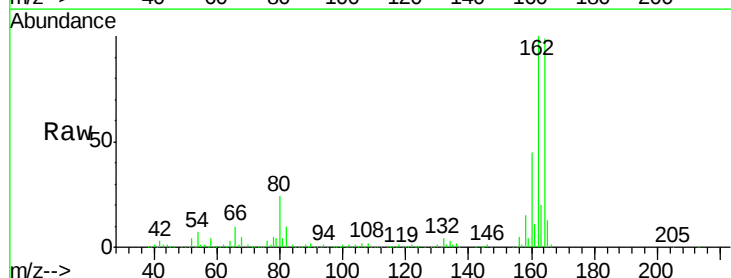
Tgt Ion:164 Resp: 661246

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

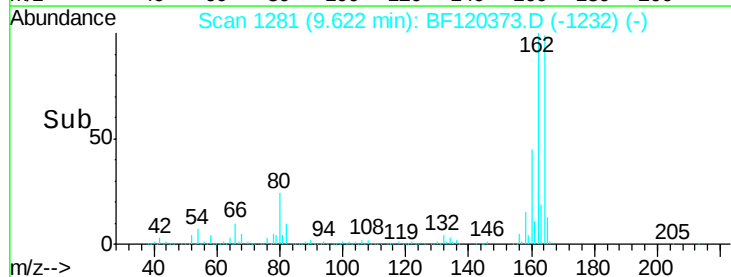
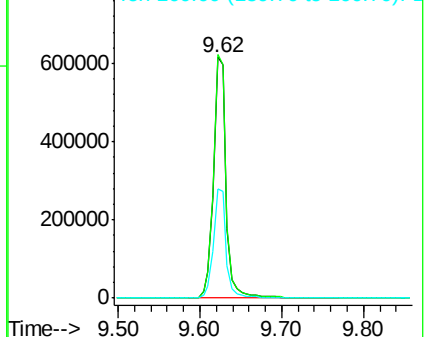
160 45.4 35.8 53.6

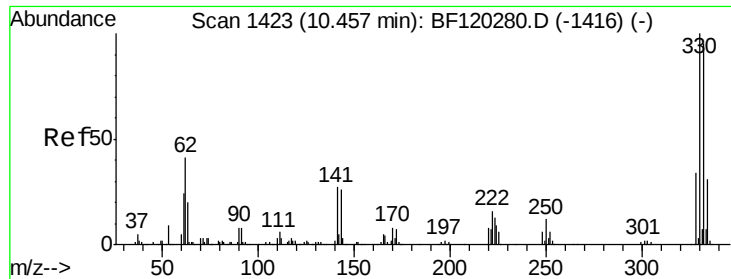


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 136.97 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS-SLUDGE-PIT

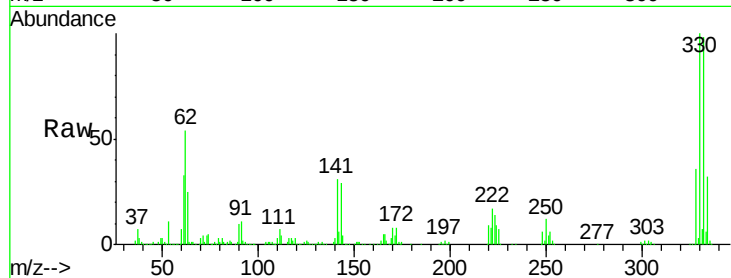
Tgt Ion:330 Resp: 738491

Ion Ratio Lower Upper

330 100

332 96.0 76.5 114.7

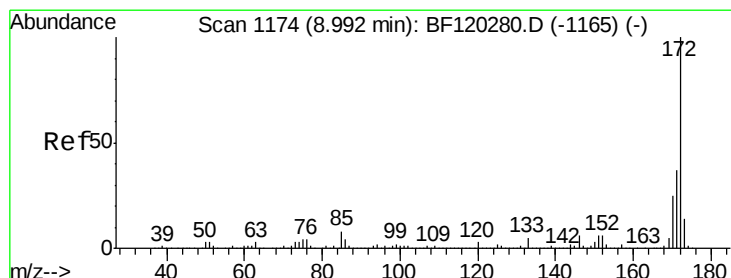
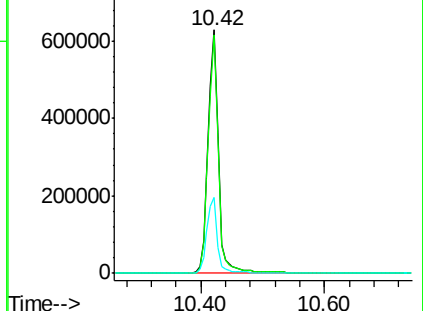
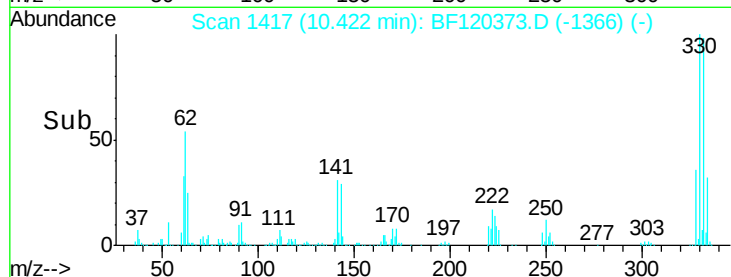
141 31.6 25.4 38.0



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: 103.17 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

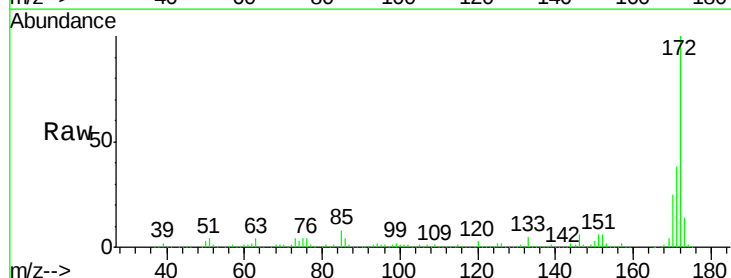
Tgt Ion:172 Resp: 3320709

Ion Ratio Lower Upper

172 100

171 37.7 29.7 44.5

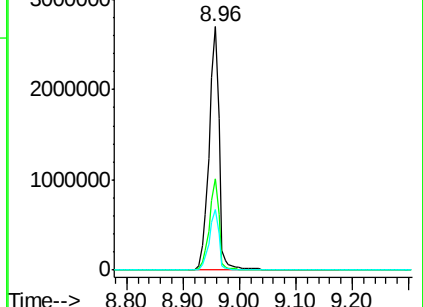
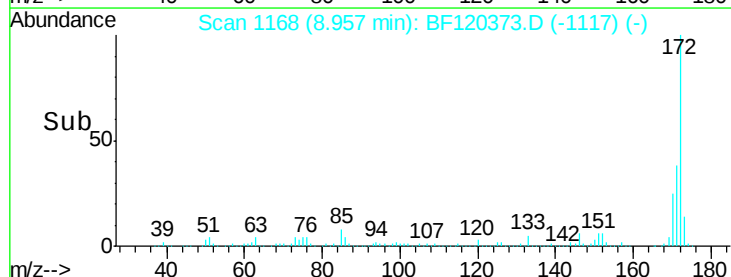
170 25.0 19.9 29.9

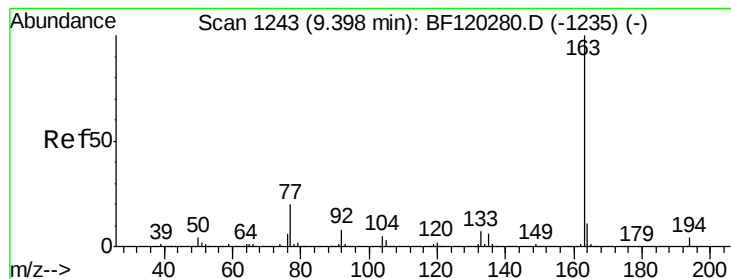


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.47 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.02 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

Instrument :

BNA_F

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ZIPPER-DRAINS-SLUDGE-PIT

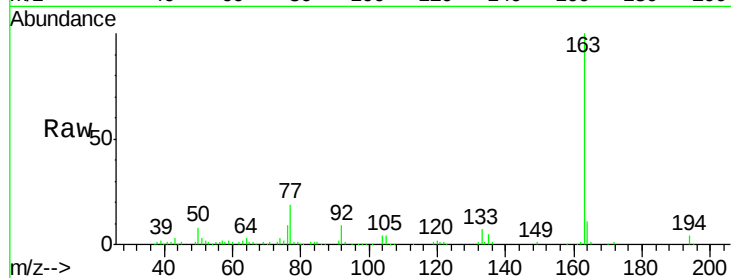
Tgt Ion:163 Resp: 103418

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

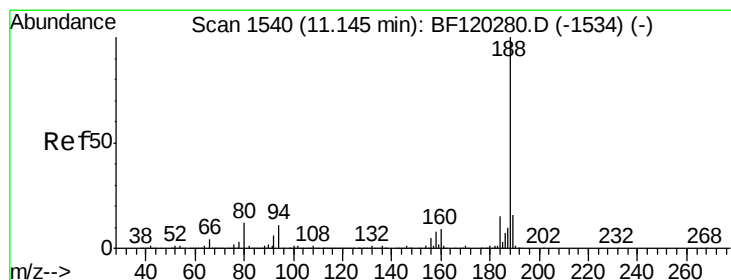
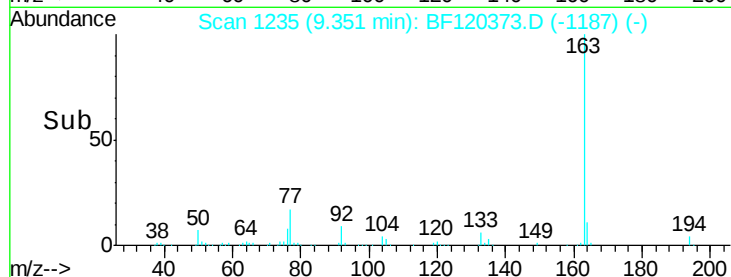
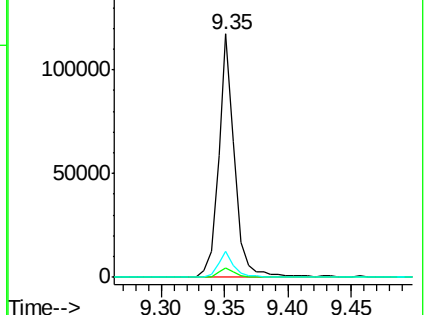
164 10.5 8.6 12.8



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: BF120373.D

Acq: 20 May 2020 16:52

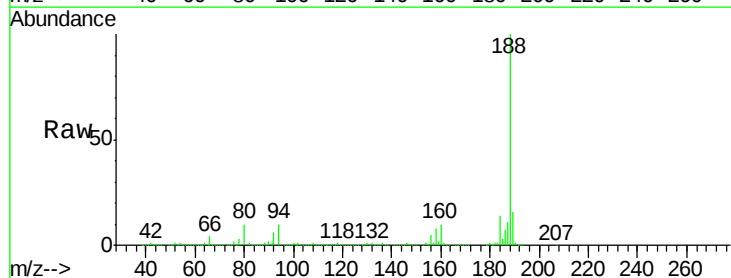
Tgt Ion:188 Resp: 1120294

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

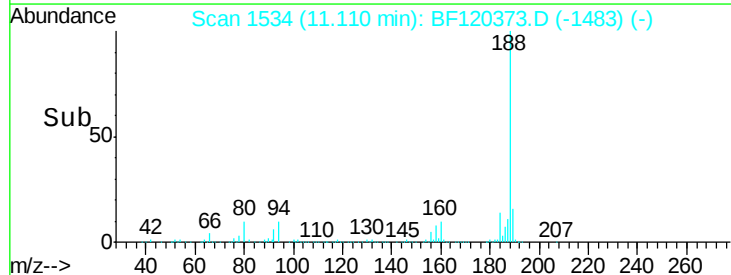
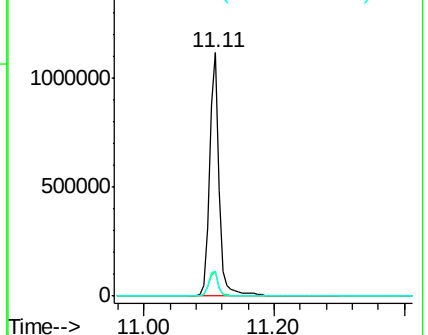
80 10.3 9.2 13.8

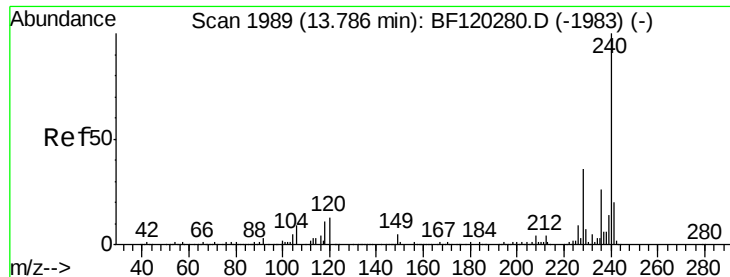


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

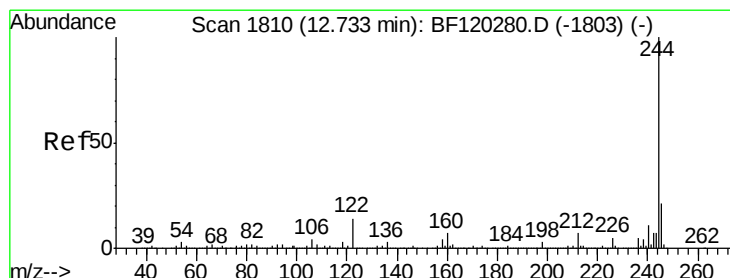
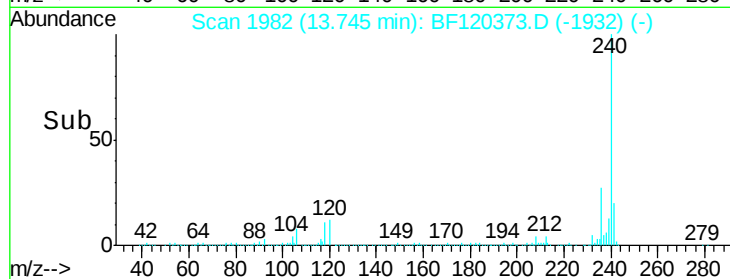
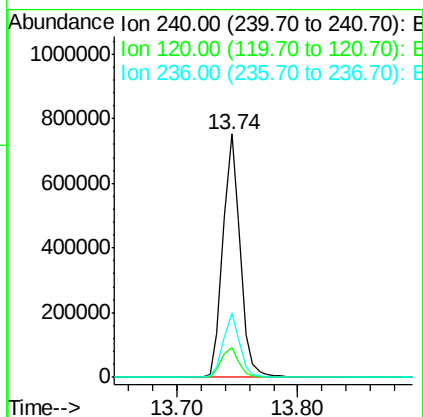
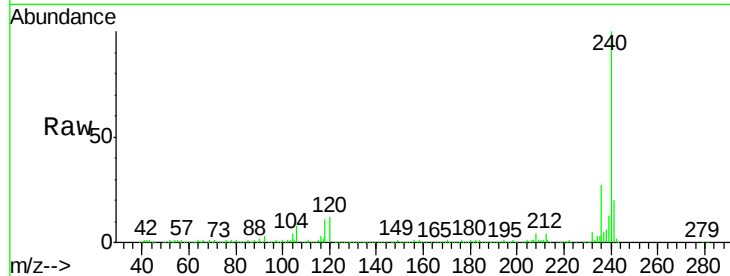




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120373.D
Acq: 20 May 2020 16:52

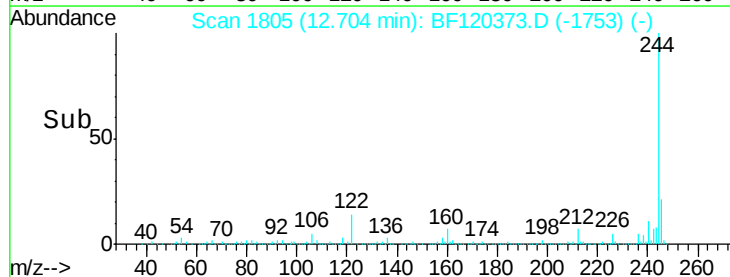
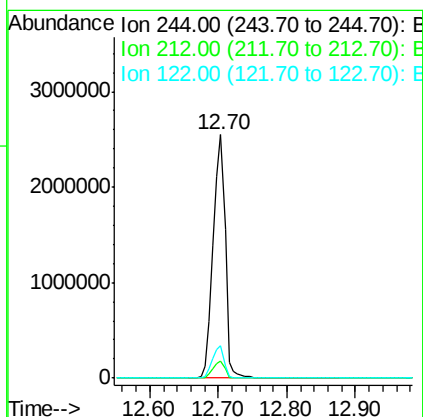
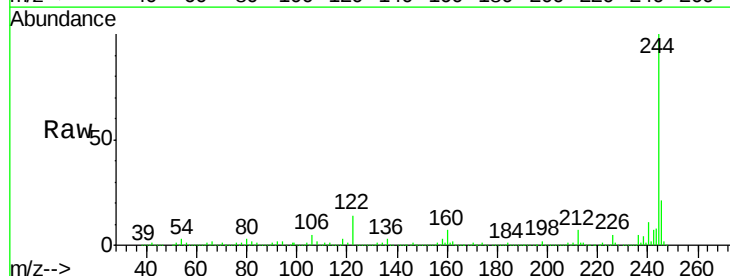
Instrument :
BNA_F
ClientSampleId :
ZIPPER-DRAINS-SLUDGE-PIT

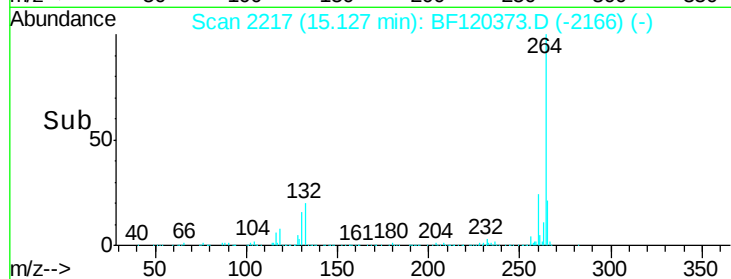
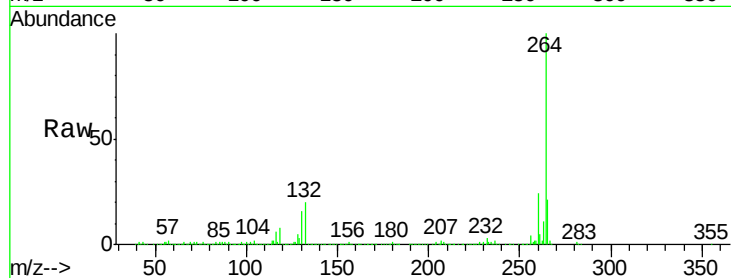
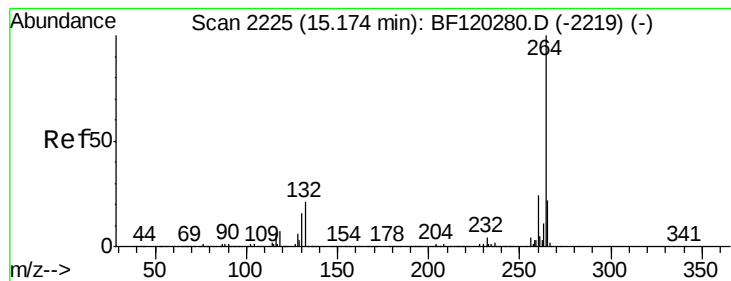
Tgt Ion:240 Resp: 740264
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.5 21.0 31.6



#79
Terphenyl-d14
Concen: 92.22 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF120373.D
Acq: 20 May 2020 16:52

Tgt Ion:244 Resp: 3090239
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 13.6 10.8 16.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF120373.D

Acq: 20 May 2020 16:52

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS-SLUDGE-PIT

Tgt Ion:264 Resp: 568136

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.2 17.5 26.3

