

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119565.D
 Acq On : 27 Mar 2020 13:09
 Operator : CG/JU
 Sample : L2033-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-PIT

Quant Time: Mar 27 13:51:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

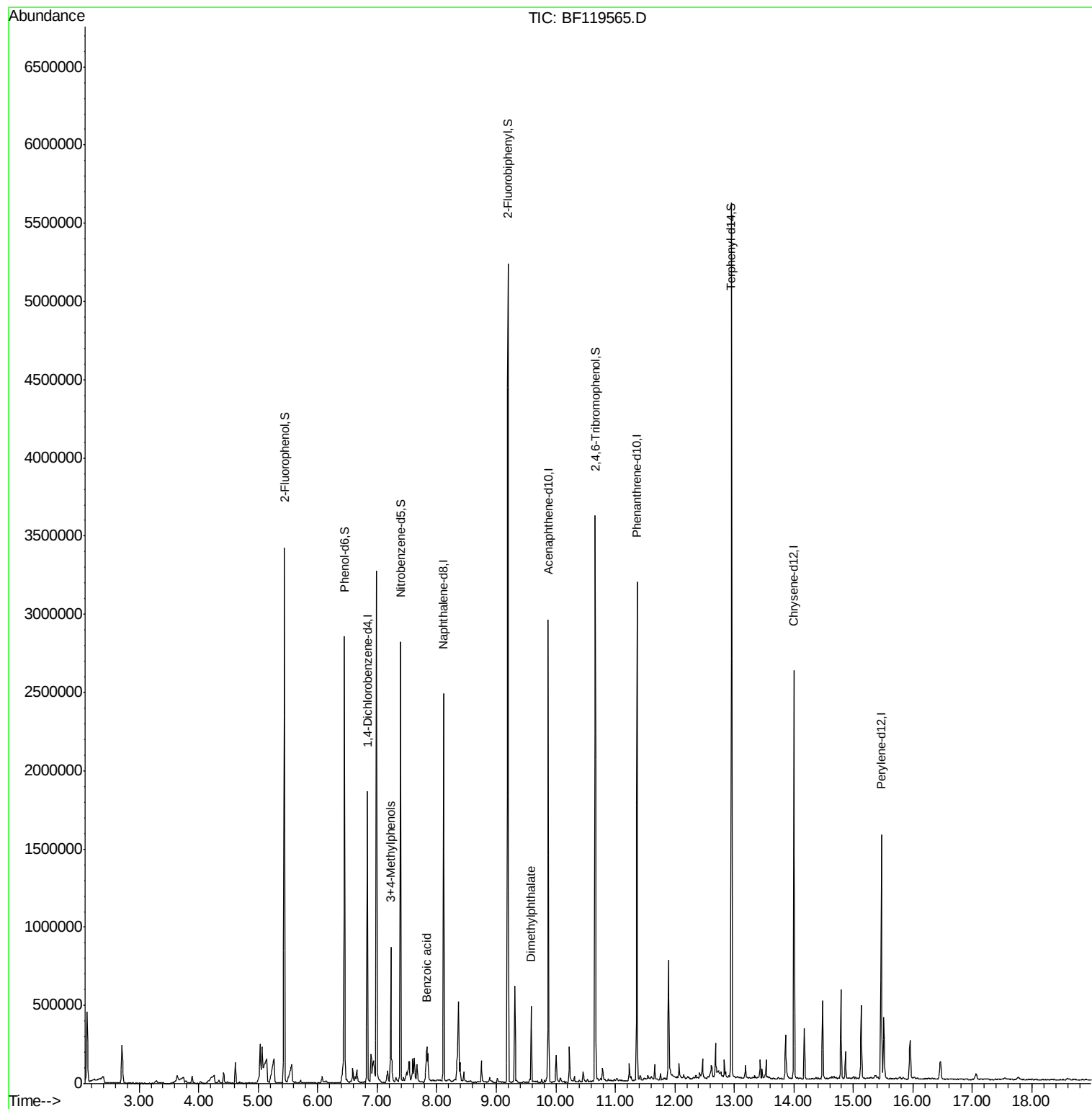
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	262682	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1011861	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	556051	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1097062	20.00	ng	0.00
76) Chrysene-d12	14.00	240	838188	20.00	ng	-0.01
87) Perylene-d12	15.47	264	692217	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	817964	49.57	ng	0.00
7) Phenol-d6	6.45	99	904091	42.89	ng	-0.01
23) Nitrobenzene-d5	7.39	82	778135	41.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	415778	72.48	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1637056	43.62	ng	0.00
79) Terphenyl-d14	12.95	244	2049392	47.90	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.23	107	188517	9.687	ng	Qvalue # 73
32) Benzoic acid	7.83	122	57958	5.562	ng	94
50) Dimethylphthalate	9.59	163	179394	4.542	ng	100

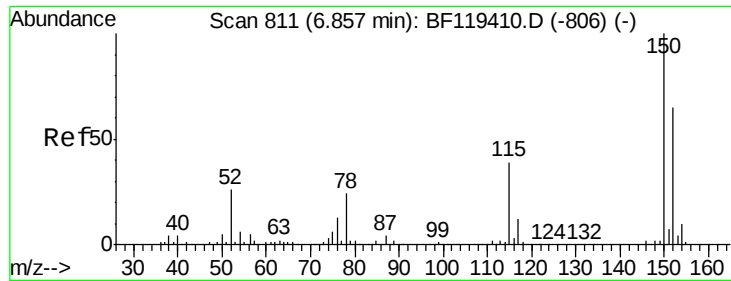
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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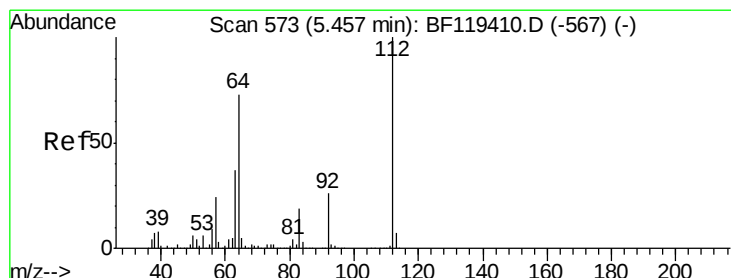
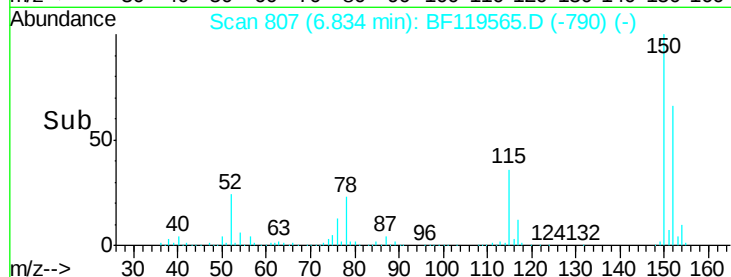
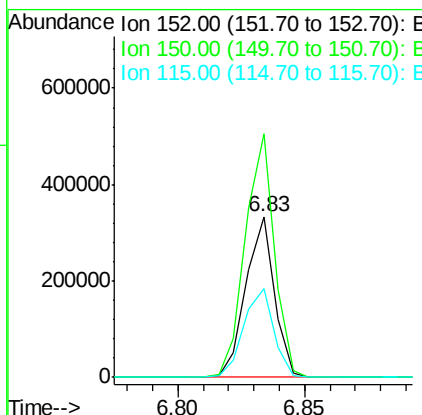
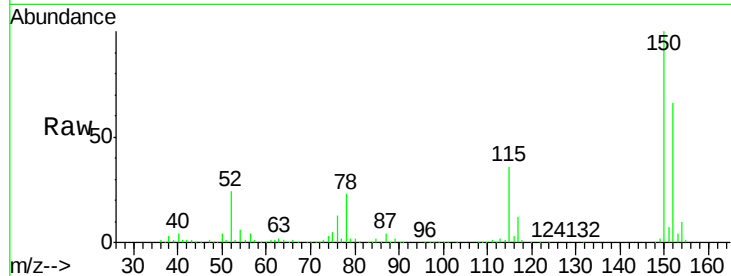


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119565.D
Acq: 27 Mar 2020 13:09

Instrument :
BNA_F
ClientSampleId :
SLUDGE-PIT

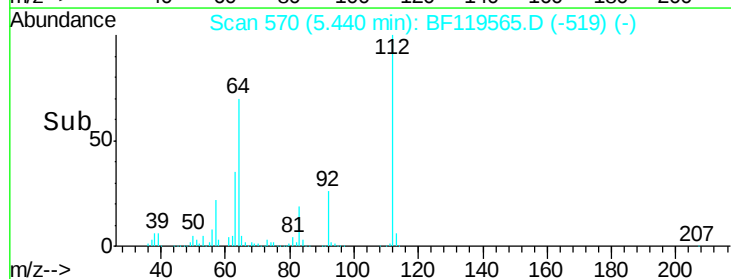
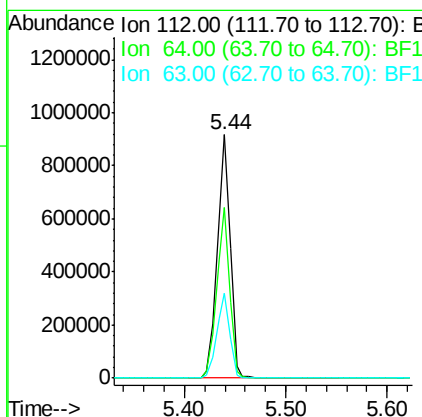
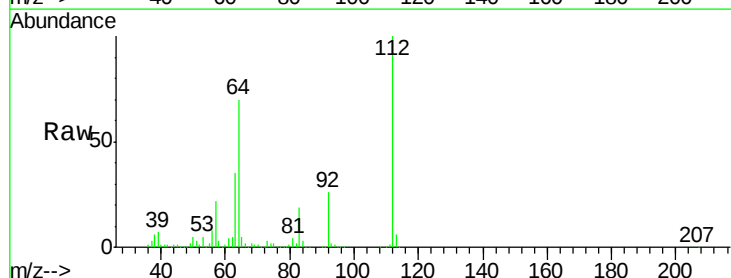
Tot Ion:152 Resp: 262682
Ion Ratio Lower Upper
152 100
150 151.4 124.5 186.7
115 55.0 49.6 74.4

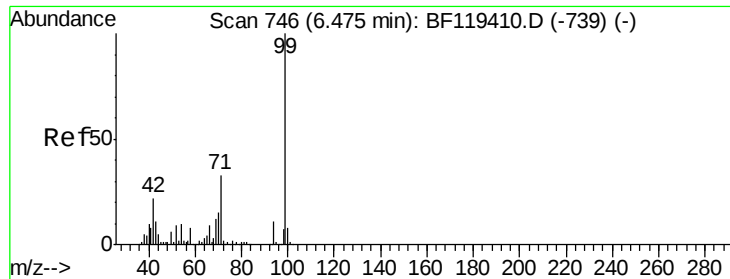


#5

2-Fluorophenol
Concen: 49.570 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF119565.D
Acq: 27 Mar 2020 13:09

Tgt Ion:112 Resp: 817964
Ion Ratio Lower Upper
112 100
64 70.1 56.7 85.1
63 34.8 29.5 44.3





#7

Phenol-d6

Concen: 42.891 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

Instrument :

BNA_F

ClientSampleId :

SLUDGE-PIT

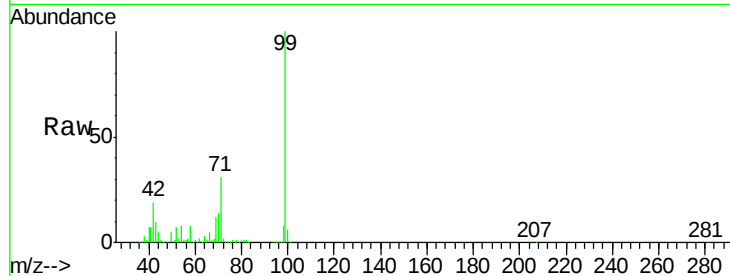
Tot Ion: 99 Resp: 904091

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

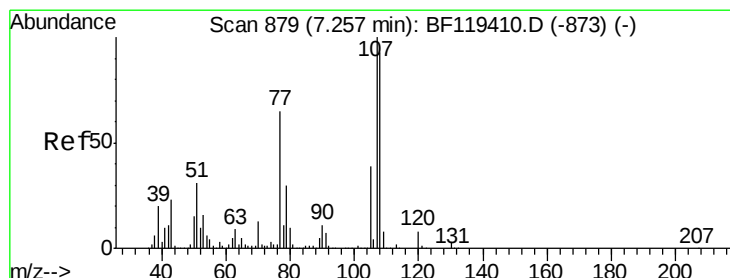
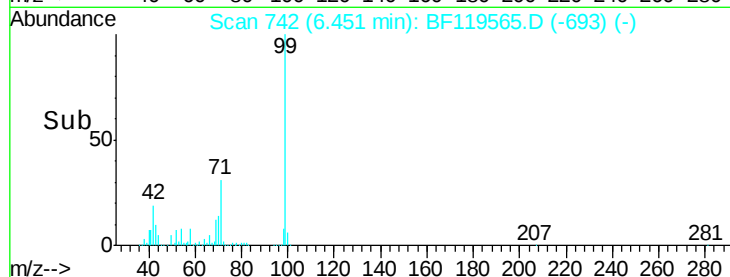
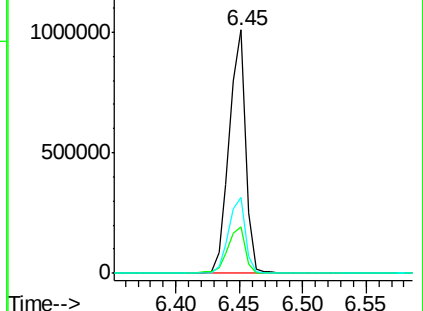
71 31.3 26.4 39.6



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: 9.687 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

Tgt Ion: 107 Resp: 188517

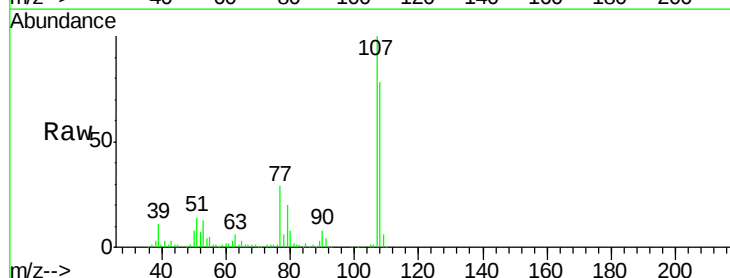
Ion Ratio Lower Upper

107 100

108 78.2 67.9 107.9

77 29.5 52.9 92.9#

79 20.4 7.7 47.7

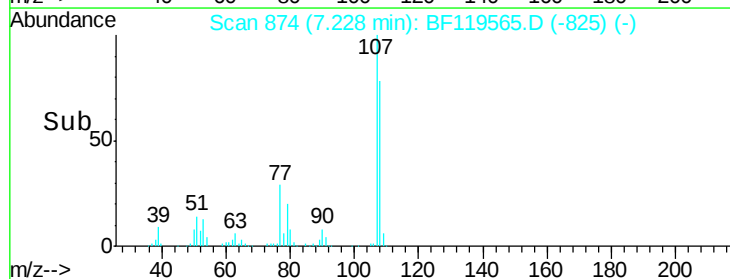
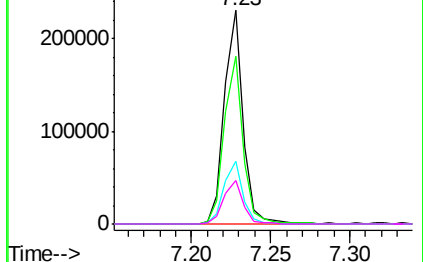


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

Instrument :

BNA_F

ClientSampleId :

SLUDGE-PIT

Tot Ion:136 Resp: 1011861

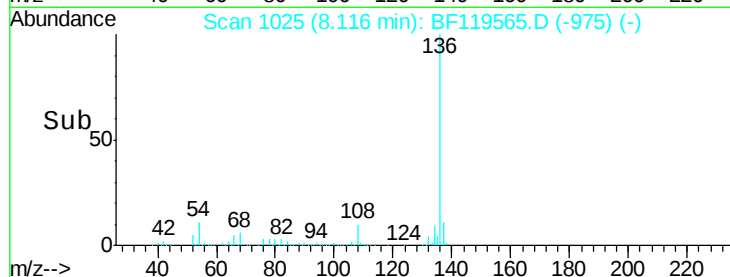
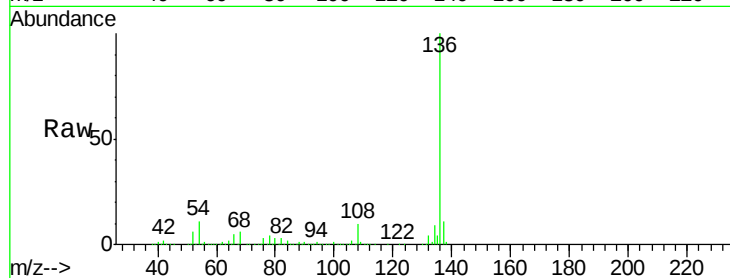
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 9.1 13.7

68 6.0 4.6 6.8

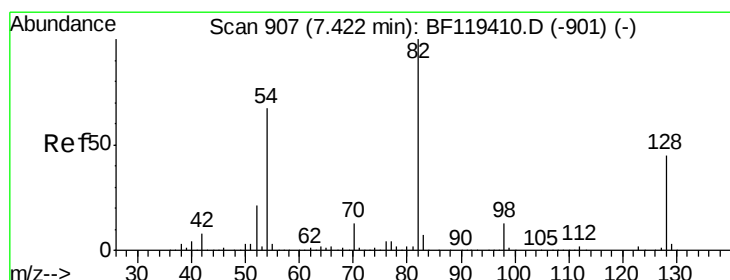
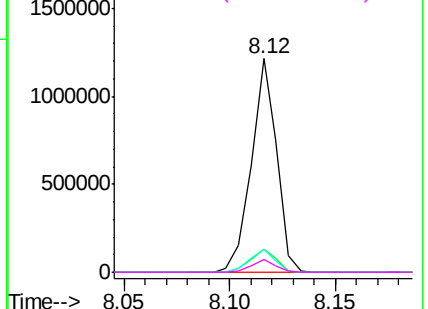


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 41.794 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

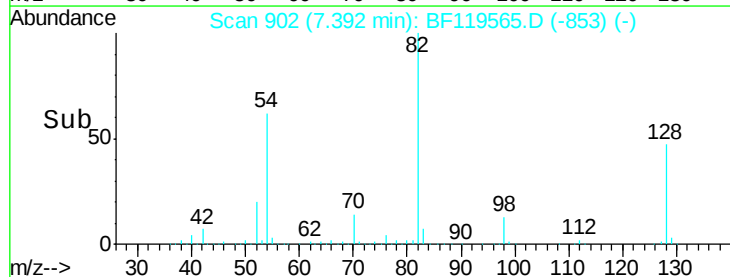
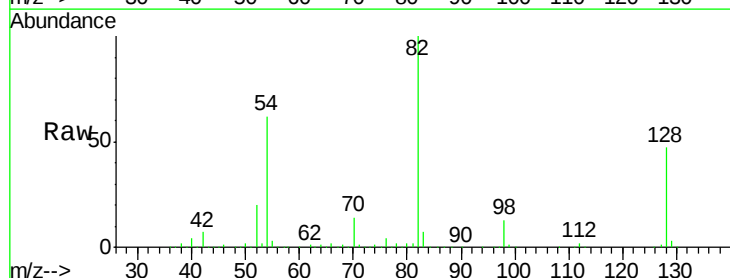
Tgt Ion: 82 Resp: 778135

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

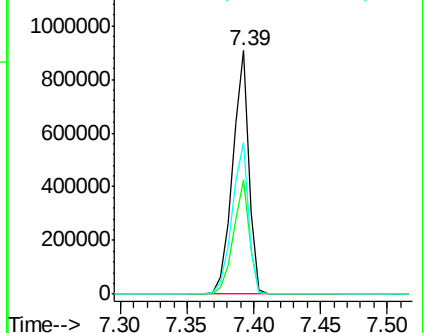
54 62.3 50.6 75.8

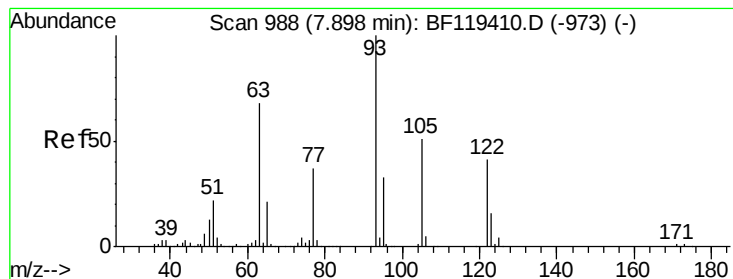


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 5.562 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.06 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

Instrument :

BNA_F

ClientSampleId :

SLUDGE-PIT

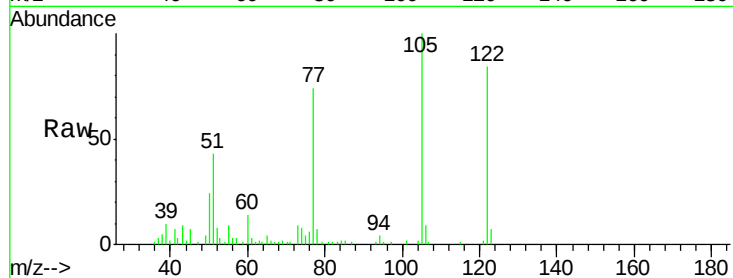
Tot Ion:122 Resp: 57958

Ion Ratio Lower Upper

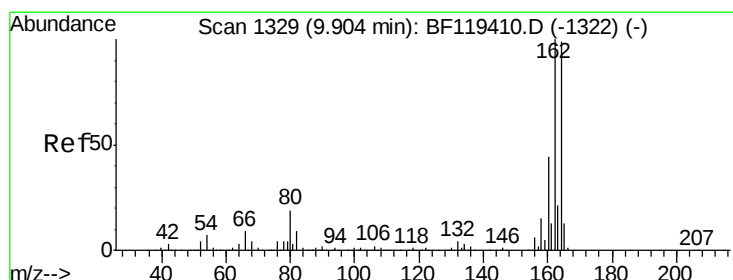
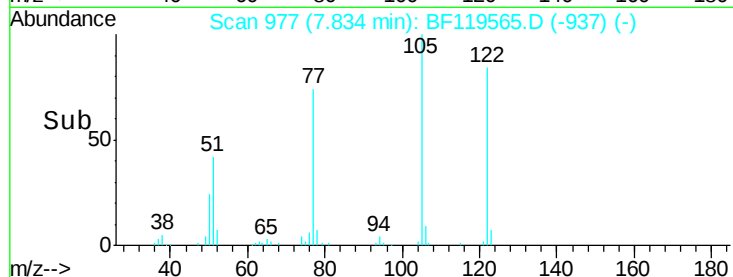
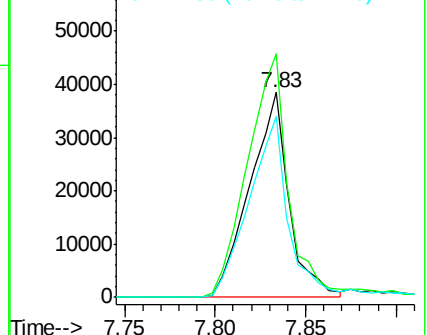
122 100

105 118.9 104.9 144.9

77 88.1 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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

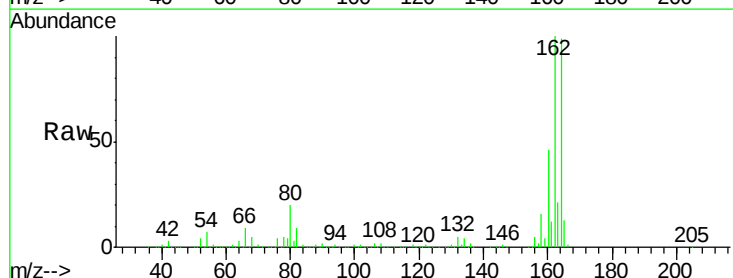
Tgt Ion:164 Resp: 556051

Ion Ratio Lower Upper

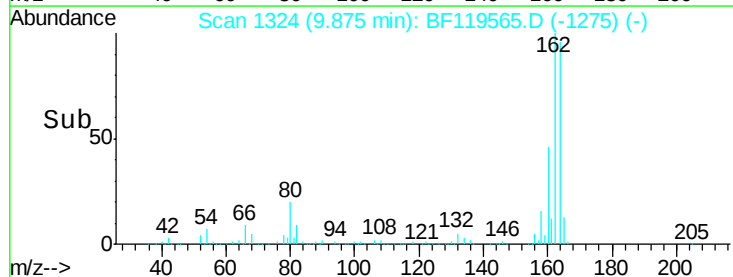
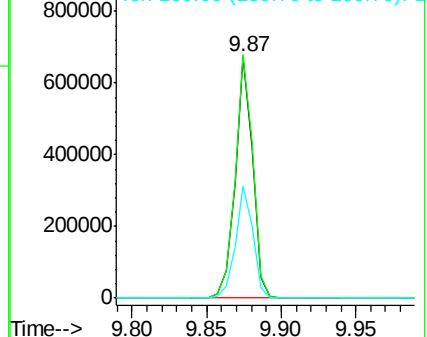
164 100

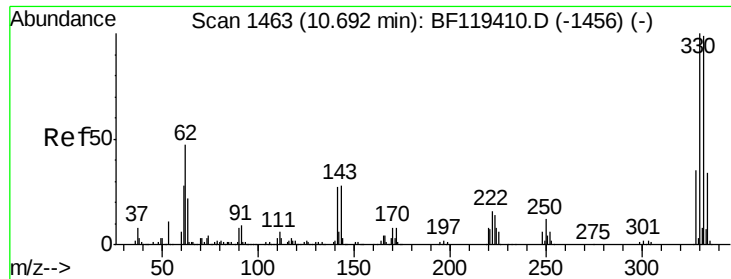
162 100.9 80.6 121.0

160 46.4 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

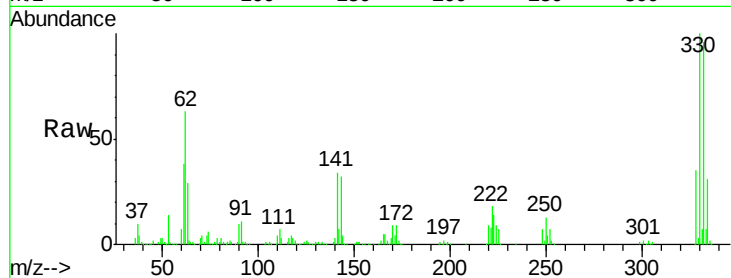




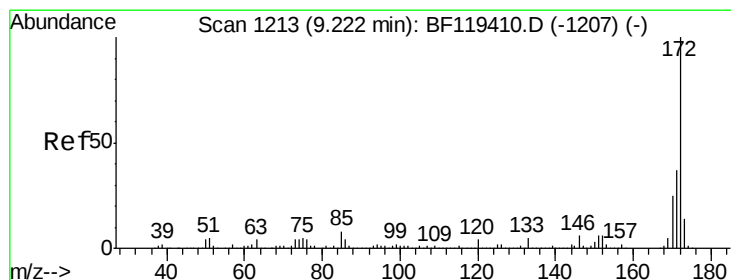
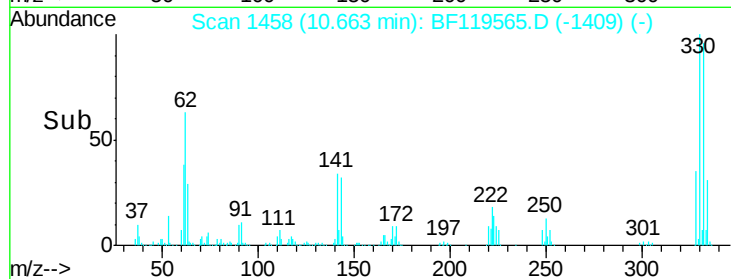
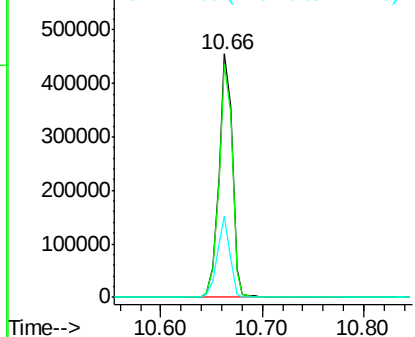
#42
 2,4,6-Tribromophenol
 Concen: 72.478 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119565.D
 Acq: 27 Mar 2020 13:09

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-PIT

Tot Ion:330 Resp: 415778
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 31.6 25.4 38.0

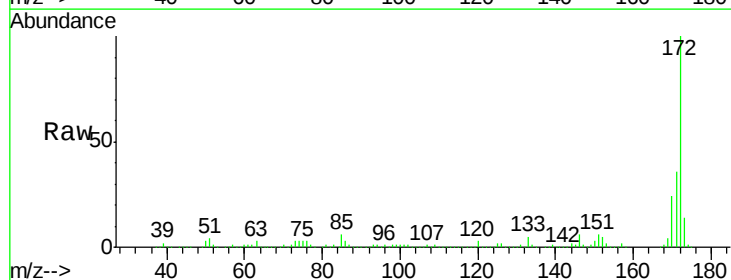


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

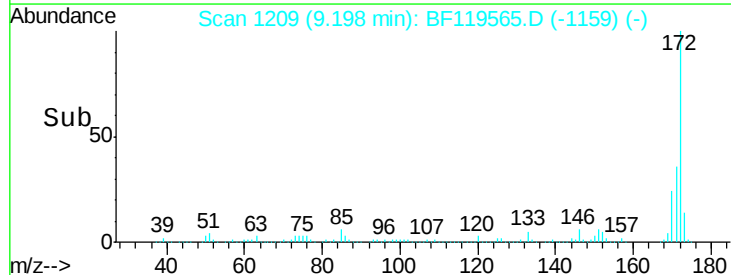
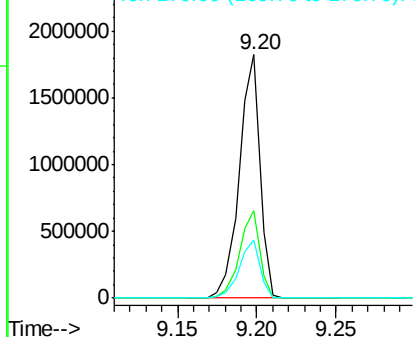


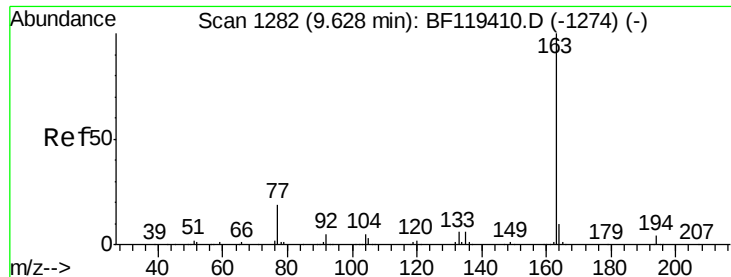
#45
 2-Fluorobiphenyl
 Concen: 43.616 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119565.D
 Acq: 27 Mar 2020 13:09

Tgt Ion:172 Resp: 1637056
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 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

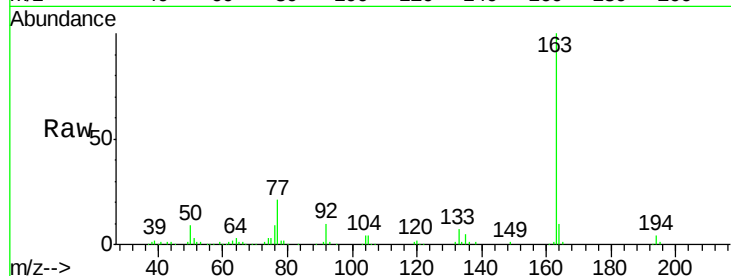




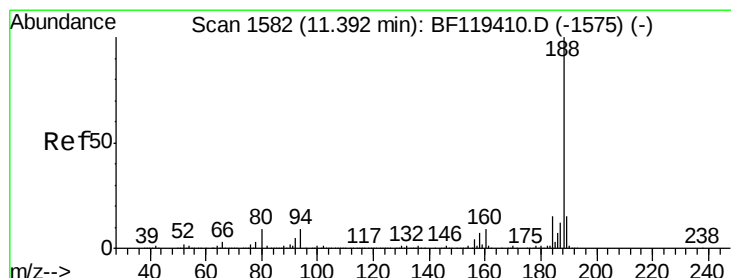
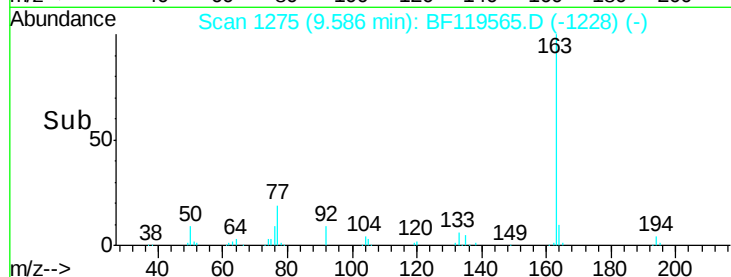
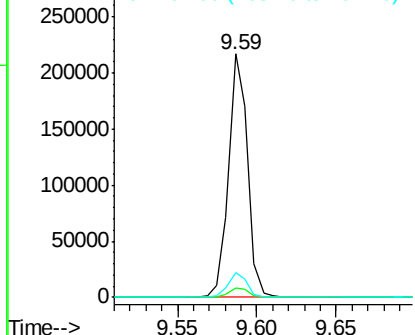
#50
Dimethylphthalate
Concen: 4.542 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119565.D
Acq: 27 Mar 2020 13:09

Instrument :
BNA_F
ClientSampleId :
SLUDGE-PIT

Tot Ion:163 Resp: 179394
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2

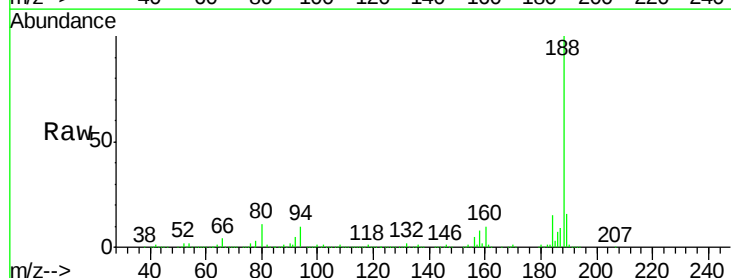


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

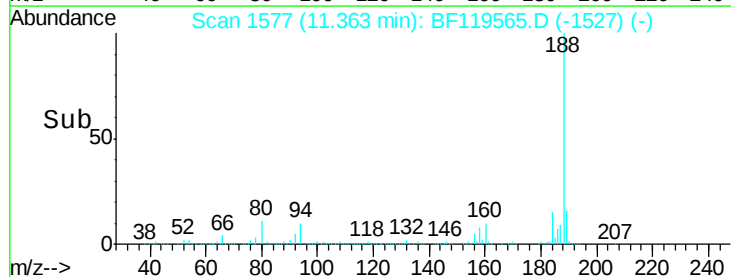
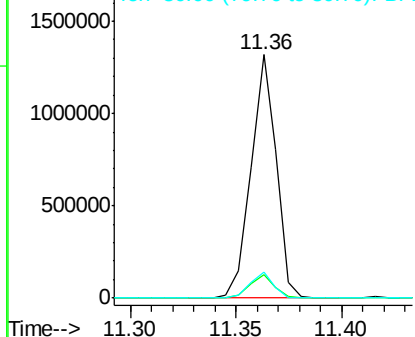


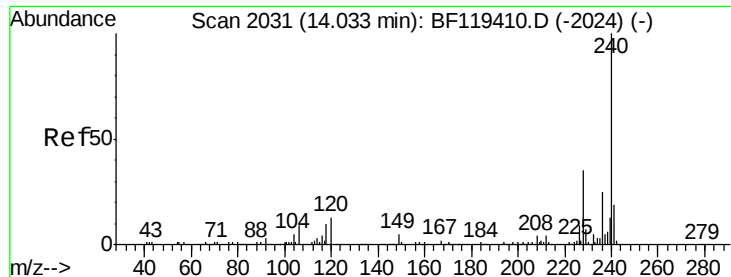
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119565.D
Acq: 27 Mar 2020 13:09

Tgt Ion:188 Resp: 1097062
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.7 9.0 13.4



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: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

Instrument :

BNA_F

ClientSampleId :

SLUDGE-PIT

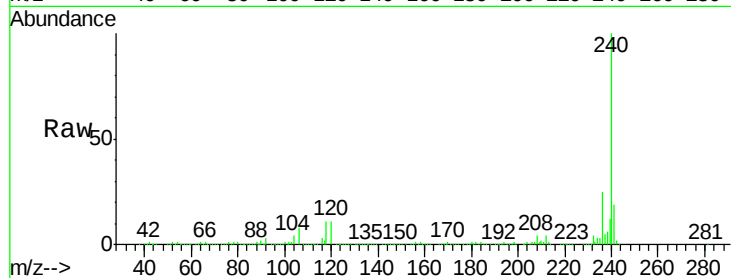
Tot Ion:240 Resp: 838188

Ion Ratio Lower Upper

240 100

120 10.9 10.6 15.8

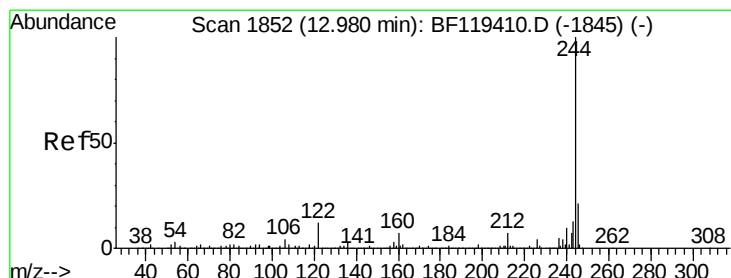
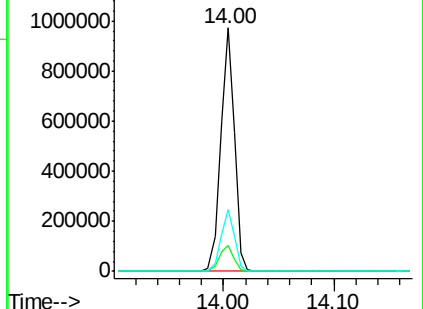
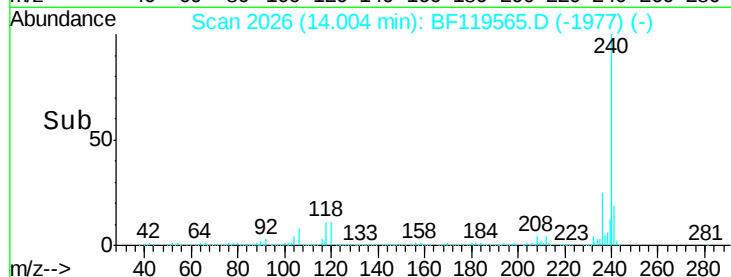
236 25.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 47.903 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119565.D

Acq: 27 Mar 2020 13:09

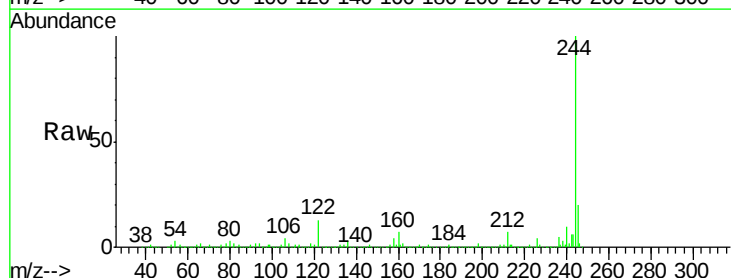
Tgt Ion:244 Resp: 2049392

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

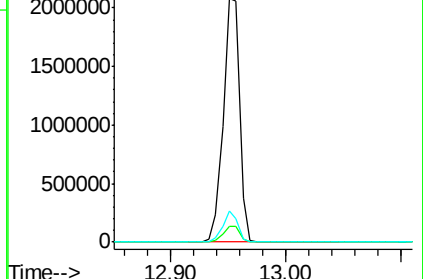
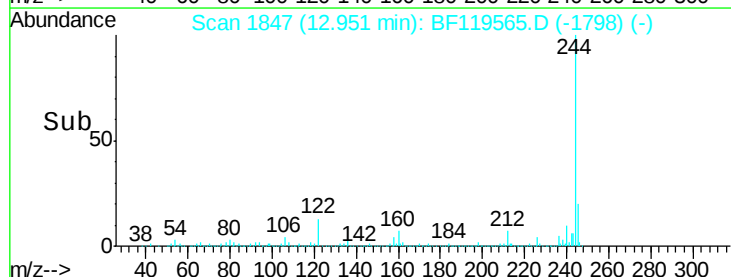
122 12.7 10.3 15.5

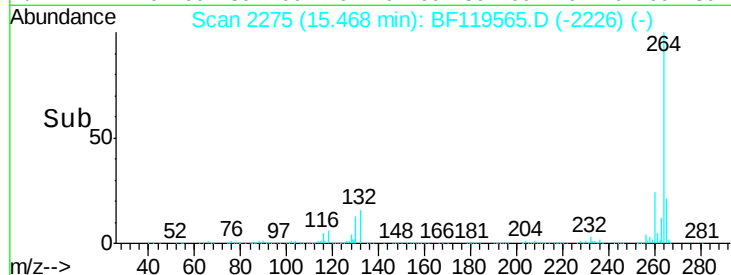
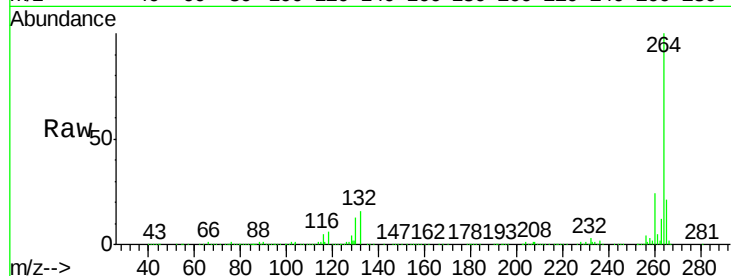
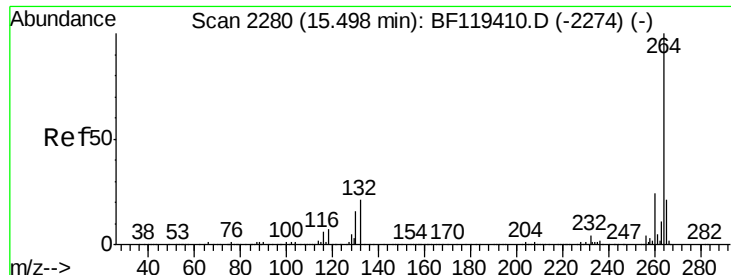


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119565.D
 Acq: 27 Mar 2020 13:09

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-PIT

Tot Ion:	264	Resp:	692217
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.4	17.7	26.5

