

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119454.D
 Acq On : 19 Mar 2020 22:51
 Operator : CG/JU
 Sample : L1980-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 20 04:58:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

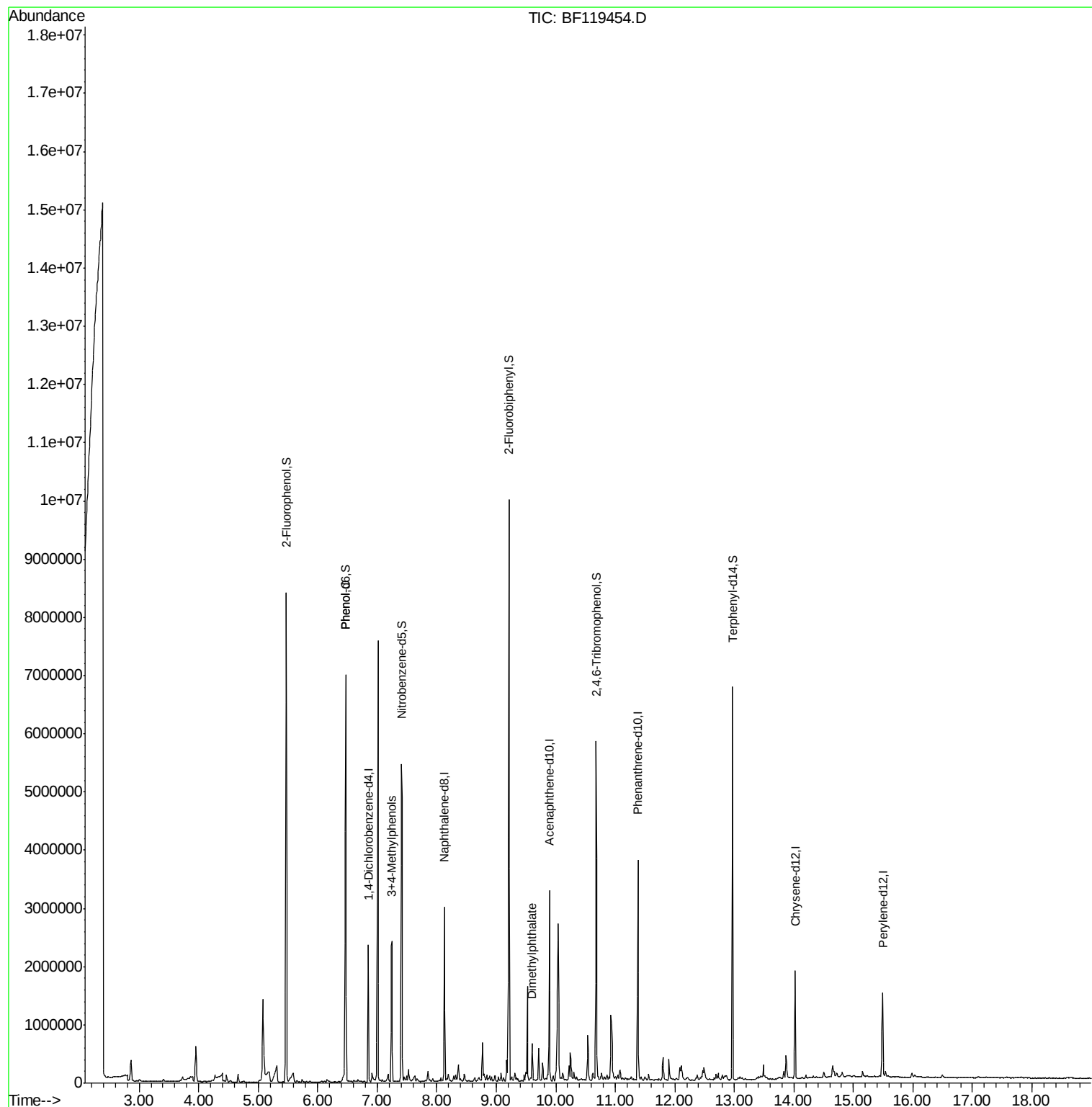
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	325145	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1247637	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	619008	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1038419	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	571442	20.00	ng	-0.01
87) Perylene-d12	15.49	264	672498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2271245	111.20	ng	0.02
7) Phenol-d6	6.47	99	2587682	99.18	ng	0.00
23) Nitrobenzene-d5	7.41	82	1929350	84.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	738306	115.61	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	3308692	79.19	ng	0.00
79) Terphenyl-d14	12.97	244	2429316	83.29	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	57563	2.068	ng	79
20) 3+4-Methylphenols	7.25	107	591980	24.576	ng	# 76
50) Dimethylphthalate	9.60	163	155548	3.538	ng	98

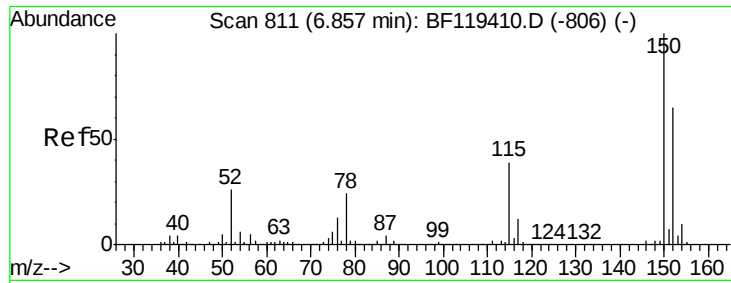
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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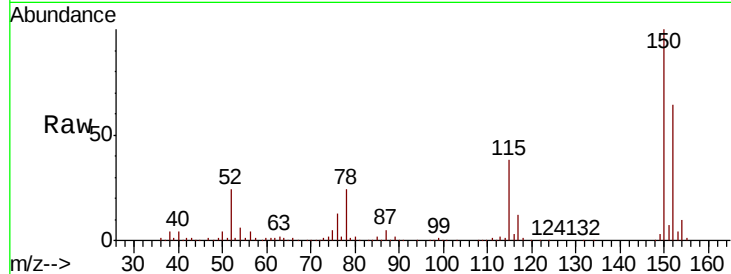


#1

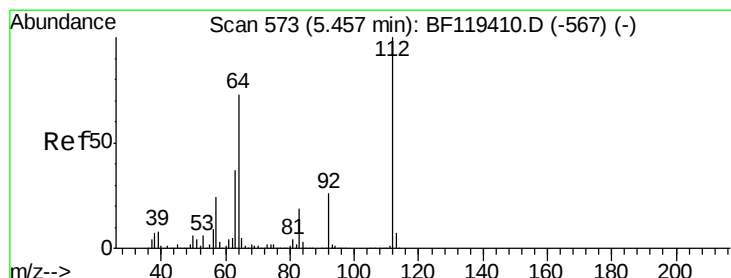
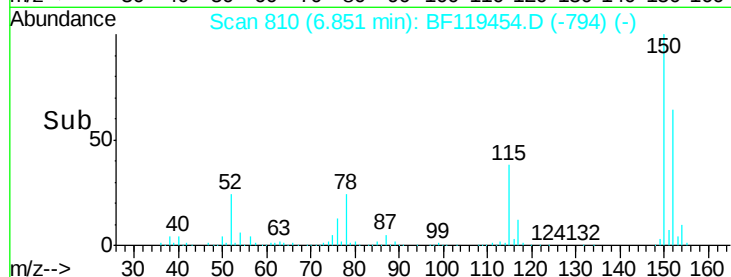
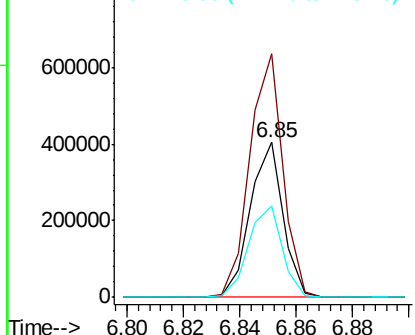
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

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

Tot Ion:152 Resp: 325145
Ion Ratio Lower Upper
152 100
150 156.8 123.9 185.9
115 59.1 47.8 71.6



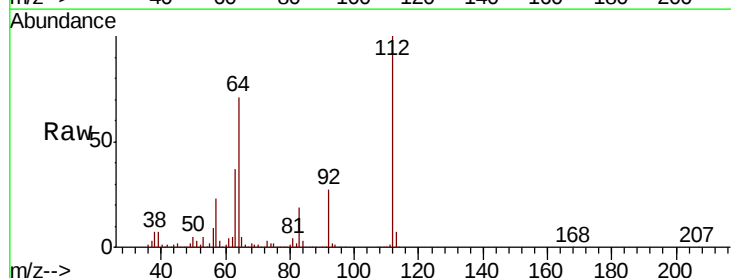
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



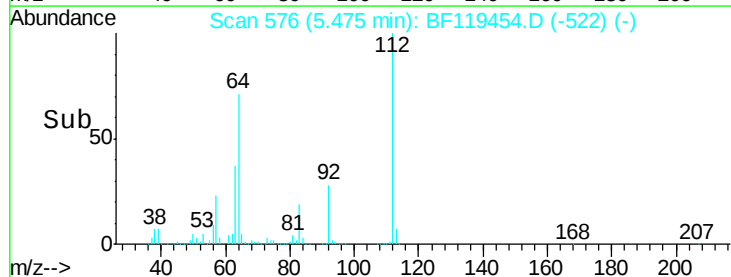
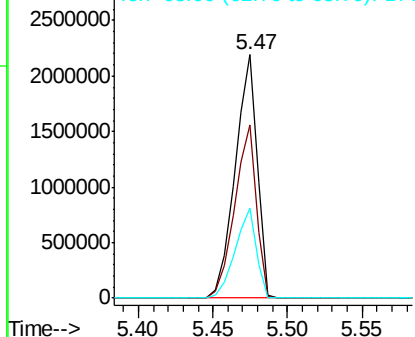
#5

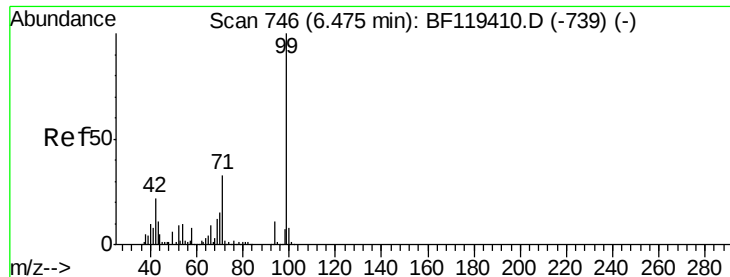
2-Fluorophenol
Concen: 111.200 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

Tgt Ion:112 Resp: 2271245
Ion Ratio Lower Upper
112 100
64 71.0 58.1 87.1
63 36.9 29.7 44.5



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: 99.178 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119454.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

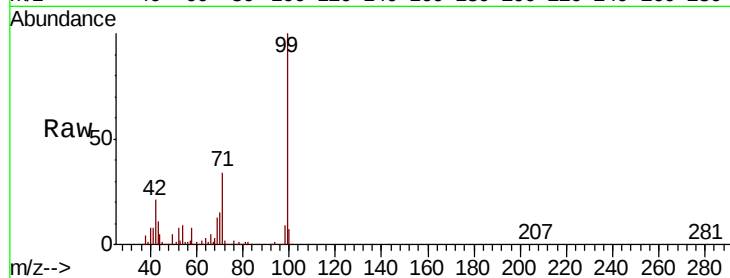
Tot Ion: 99 Resp: 2587682

Ion Ratio Lower Upper

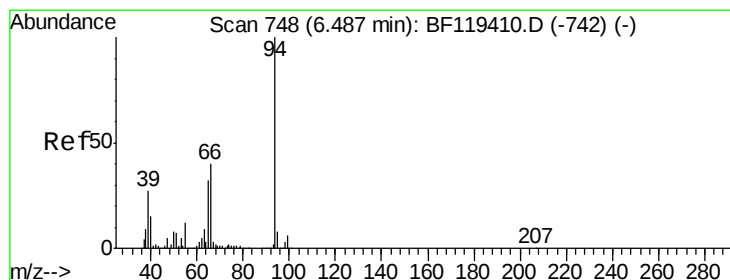
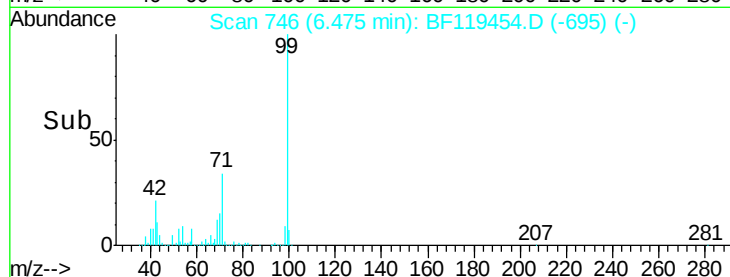
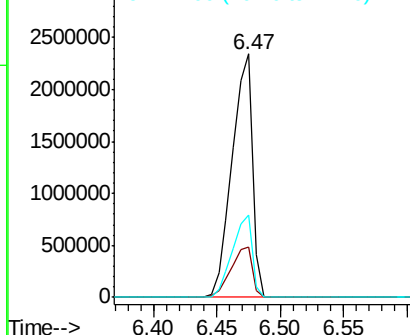
99 100

42 20.8 17.8 26.6

71 33.6 26.0 39.0



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: 2.068 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119454.D

Acq: 19 Mar 2020 22:51

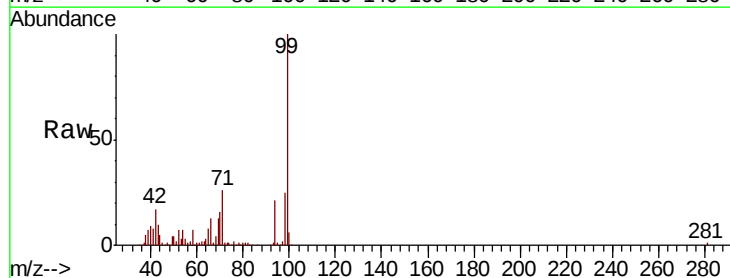
Tgt Ion: 94 Resp: 57563

Ion Ratio Lower Upper

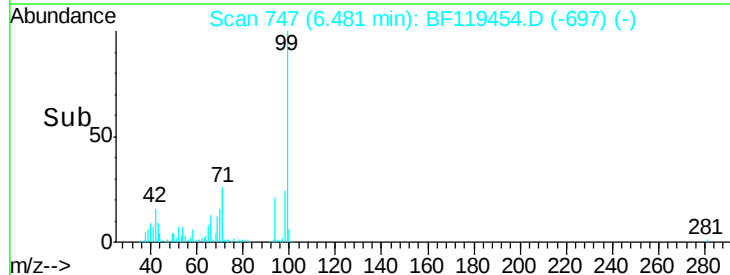
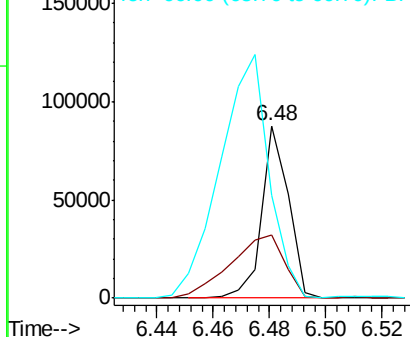
94 100

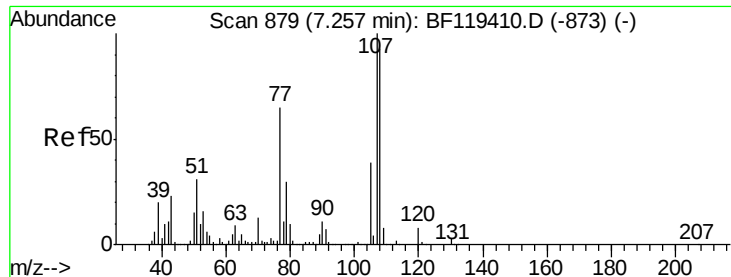
65 36.7 12.0 52.0

66 59.3 20.6 60.6



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

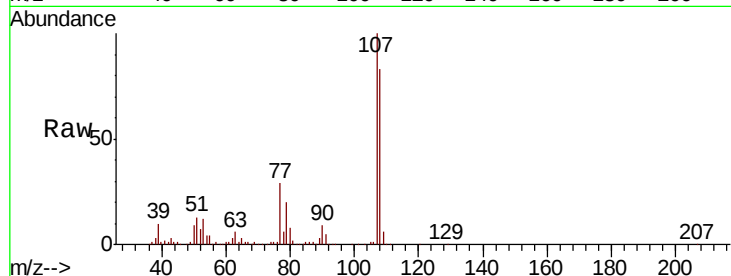




#20
3+4-Methylphenols
Concen: 24.576 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

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

Tot Ion:	107	Resp:	591980
Ion	Ratio	Lower	Upper
107	100		
108	82.8	72.6	112.6
77	28.9	44.7	84.7#
79	20.1	10.2	50.2



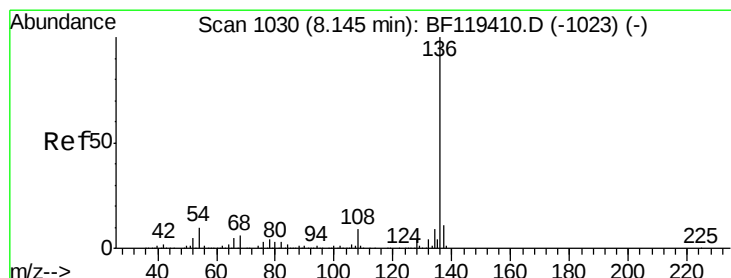
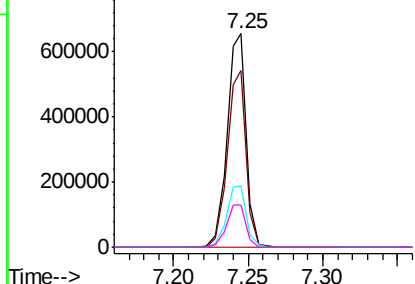
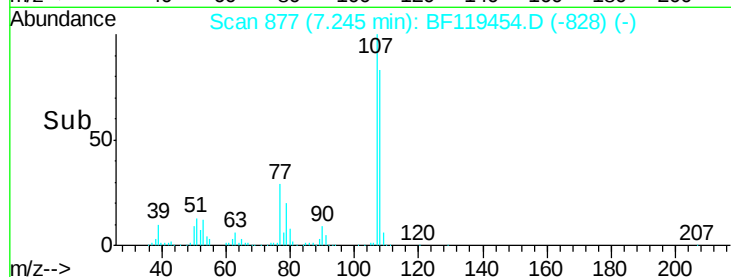
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

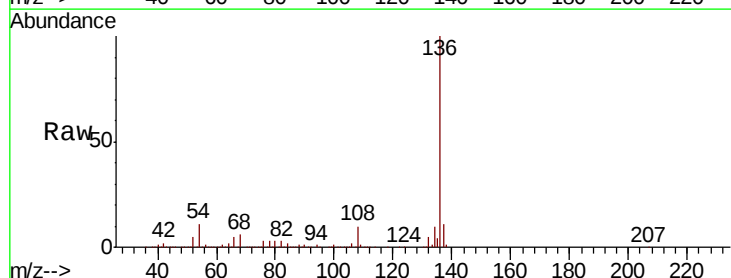
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

Tgt Ion:	136	Resp:	1247637
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.8	8.3	12.5
68	6.0	4.9	7.3



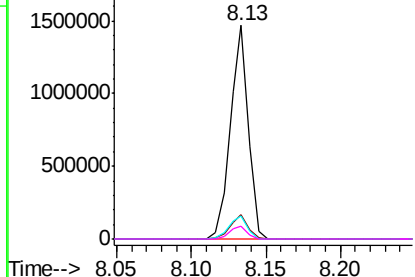
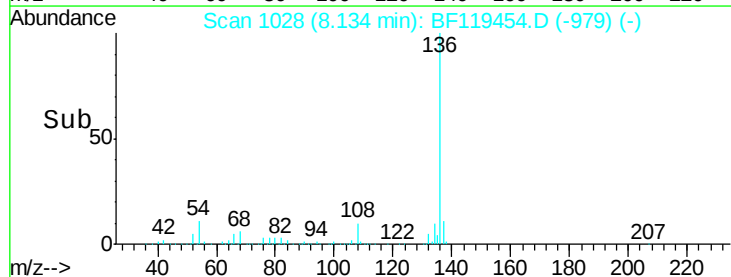
Abundance

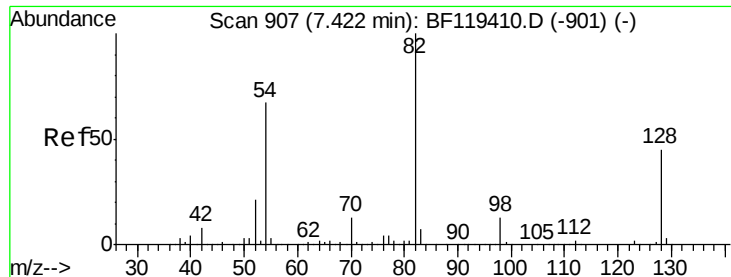
Ion 136.00 (135.70 to 136.70): E

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

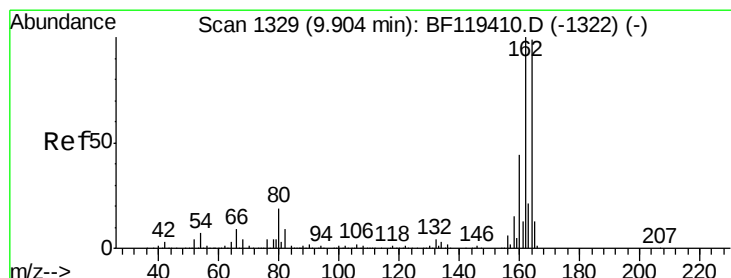
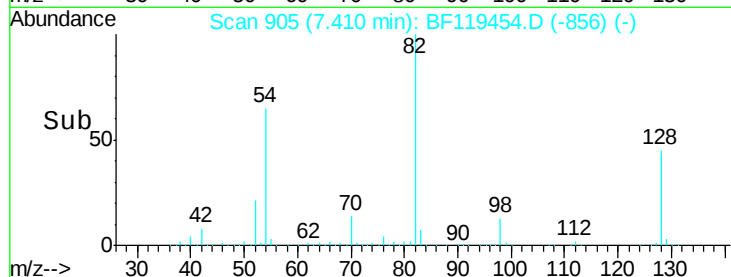
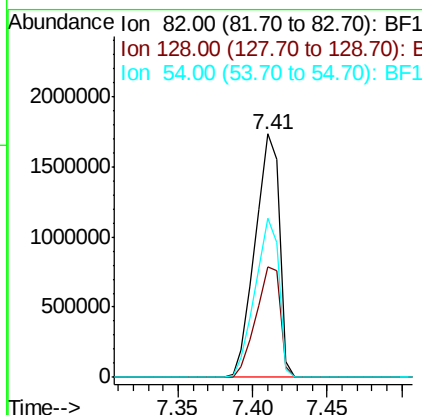
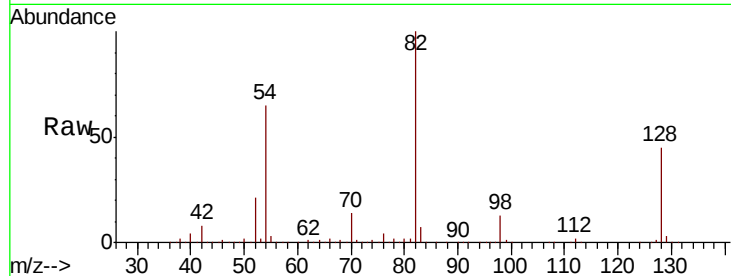




#23
Nitrobenzene-d5
Concen: 84.044 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

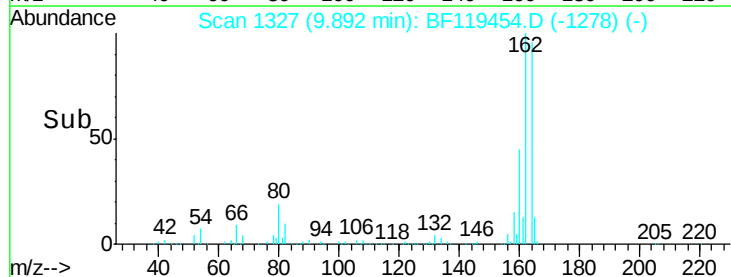
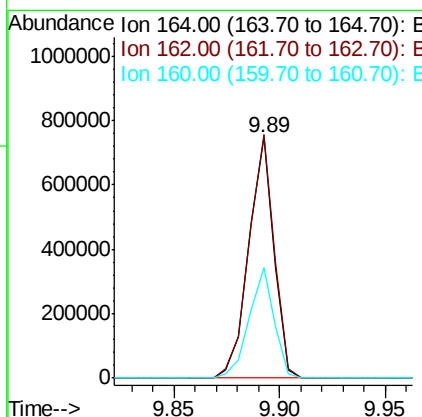
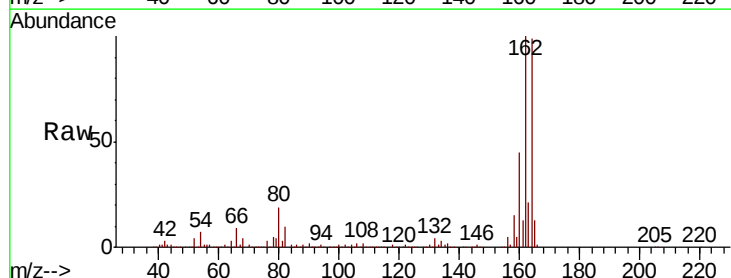
Instrument :
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BUS-WASH-SLUDGE-PIT

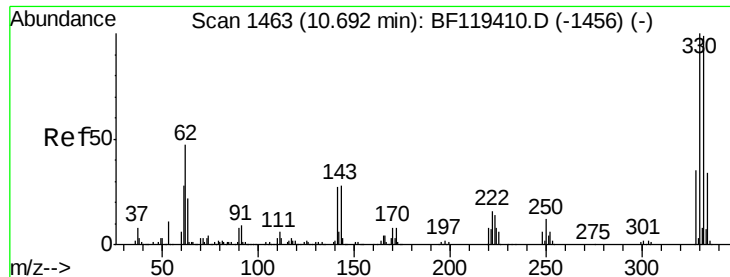
Tot Ion: 82 Resp: 1929350
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.8
54 65.3 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

Tgt Ion:164 Resp: 619008
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 46.0 35.5 53.3

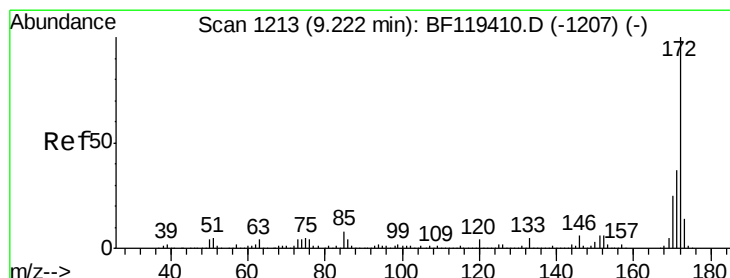
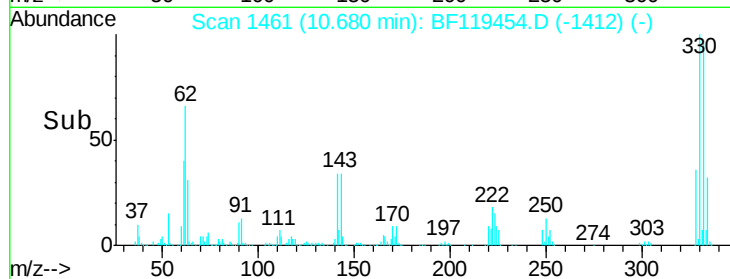
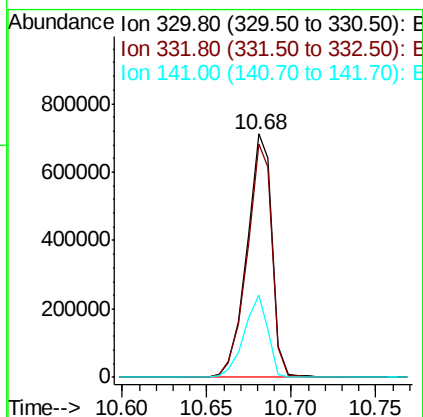
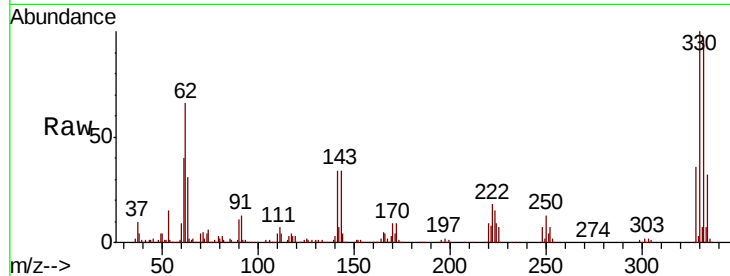




#42
 2,4,6-Tribromophenol
 Concen: 115.612 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119454.D
 Acq: 19 Mar 2020 22:51

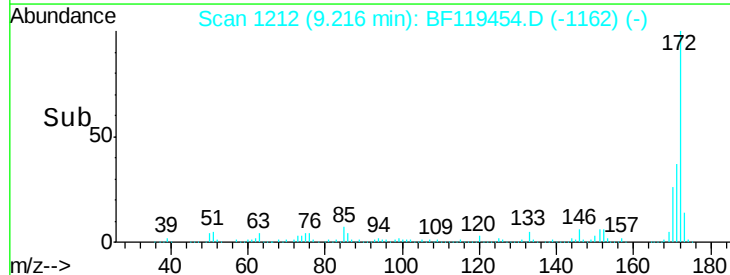
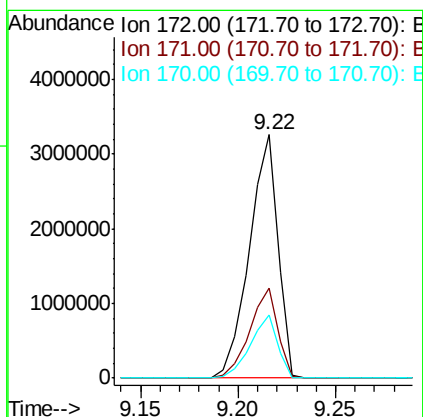
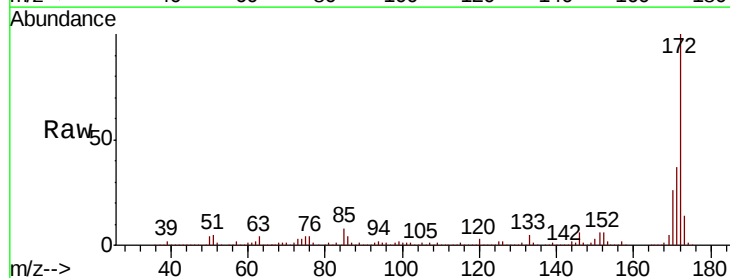
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PIT

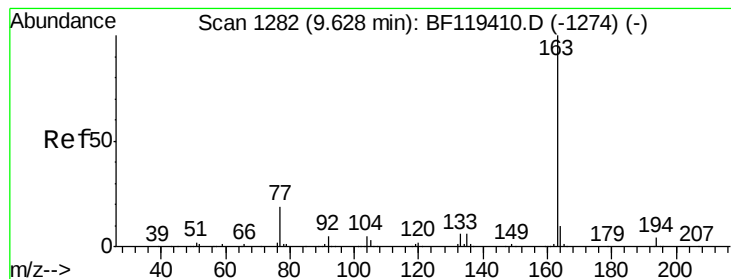
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.6	116.4
141	32.0	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 79.187 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119454.D
 Acq: 19 Mar 2020 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.8	20.1	30.1





#50

Dimethylphthalate

Concen: 3.538 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119454.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

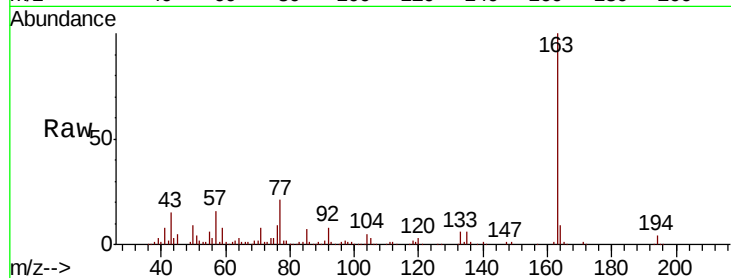
Tot Ion:163 Resp: 155548

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

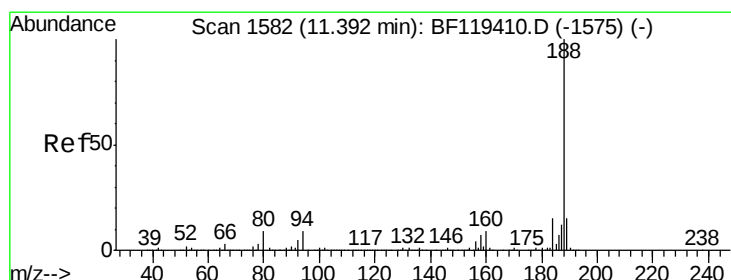
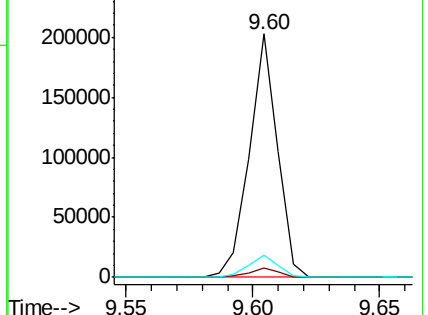
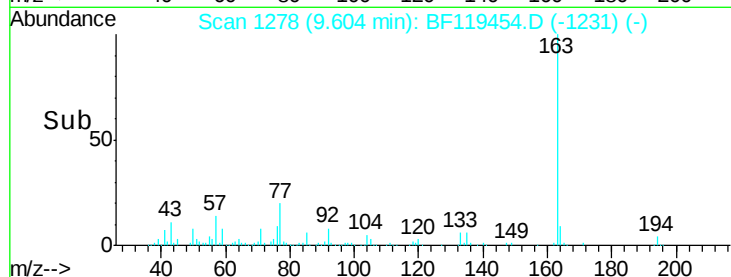
164 9.4 8.1 12.1



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119454.D

Acq: 19 Mar 2020 22:51

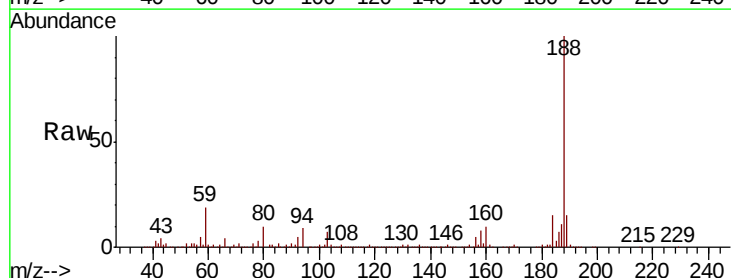
Tgt Ion:188 Resp: 1038419

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

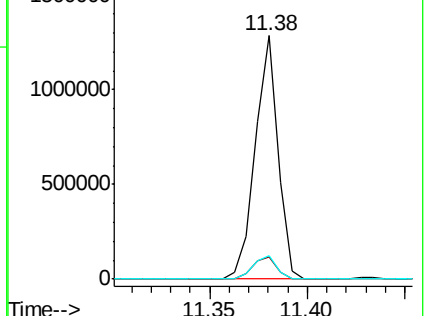
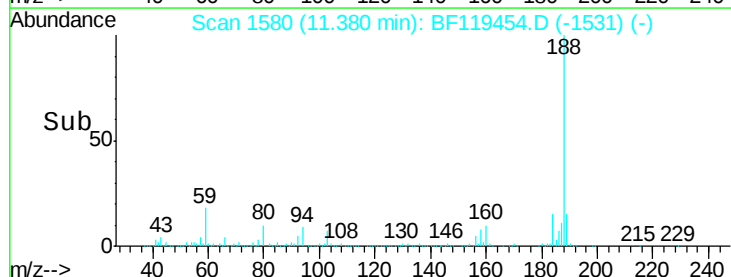
80 9.9 7.5 11.3

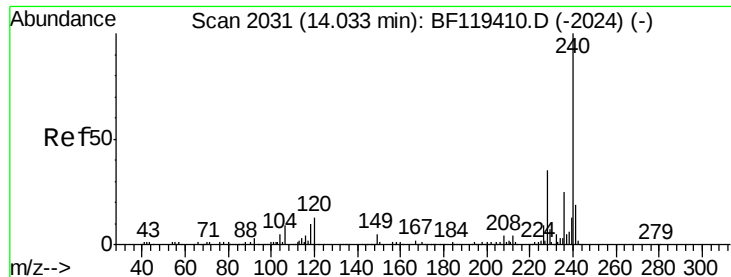


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

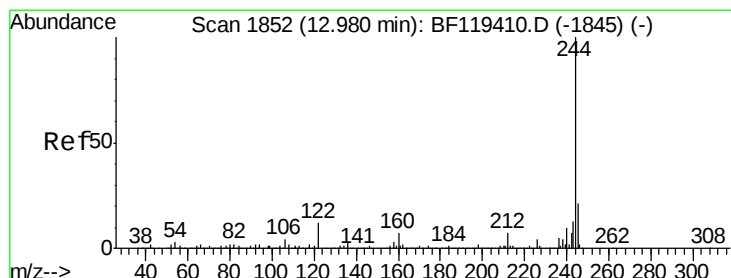
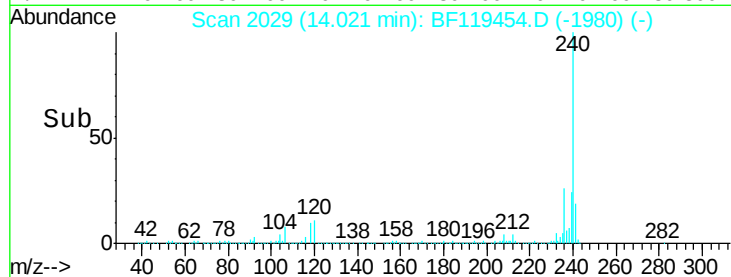
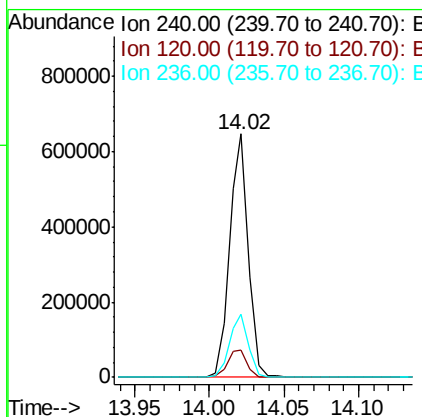
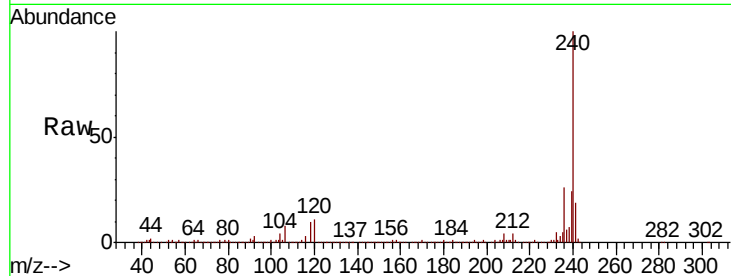




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

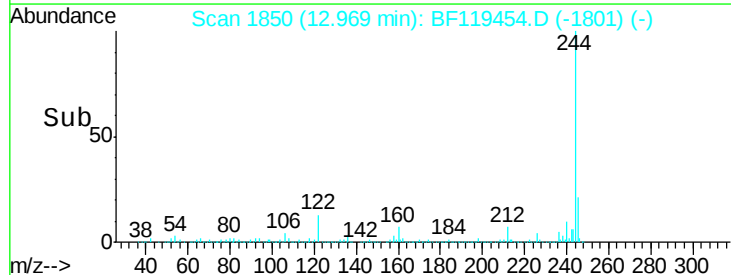
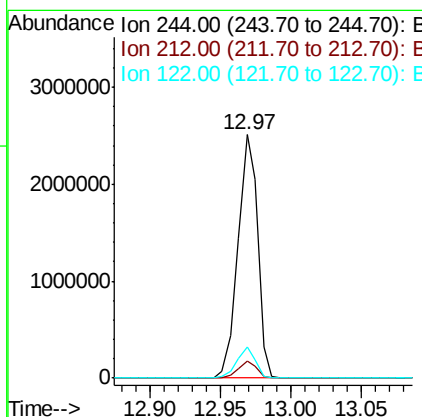
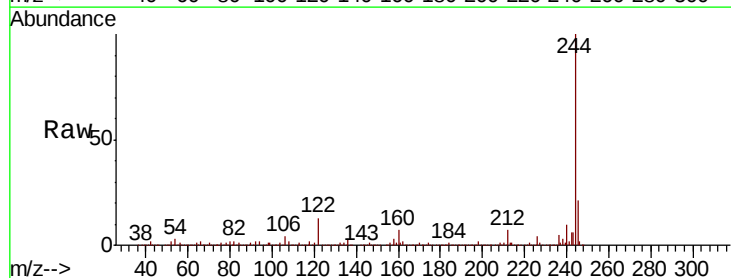
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PIT

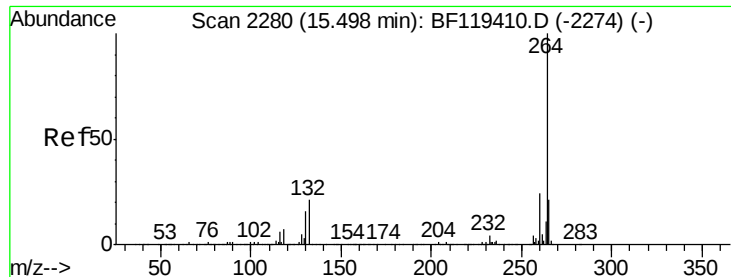
Tot Ion:240 Resp: 571442
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 83.290 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

Tgt Ion:244 Resp: 2429316
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 12.5 9.8 14.8

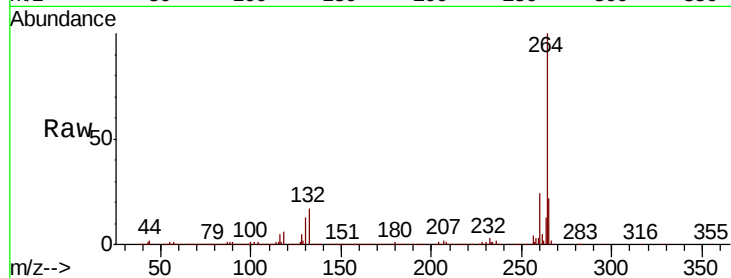




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119454.D
Acq: 19 Mar 2020 22:51

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	16.9	25.3



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

