

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119531.D
 Acq On : 26 Mar 2020 7:13
 Operator : CG/JU
 Sample : L2026-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-PIT

Quant Time: Mar 26 08:05:48 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

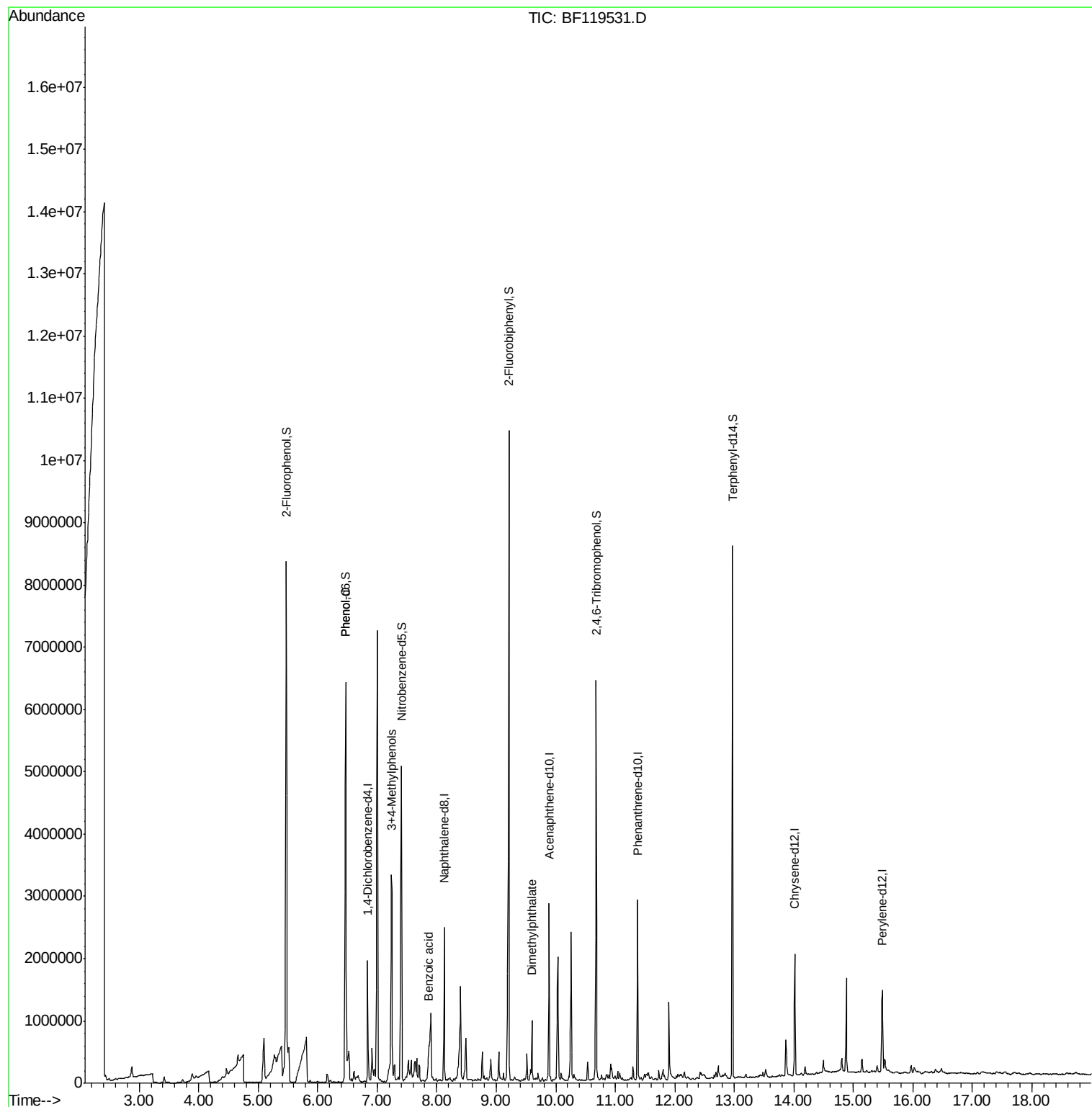
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	306312	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1136511	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	546157	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	899027	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	615432	20.00	ng	-0.02
87) Perylene-d12	15.49	264	628045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2368699	123.10	ng	0.02
7) Phenol-d6	6.47	99	2669151	108.59	ng	0.00
23) Nitrobenzene-d5	7.41	82	2085003	99.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	799980	141.98	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3585097	97.25	ng	-0.01
79) Terphenyl-d14	12.97	244	3091508	98.42	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	136203	5.193	ng	92
20) 3+4-Methylphenols	7.25	107	922073	40.633	ng	# 77
32) Benzoic acid	7.87	122	53875	4.603	ng	97
50) Dimethylphthalate	9.60	163	359490	9.267	ng	99

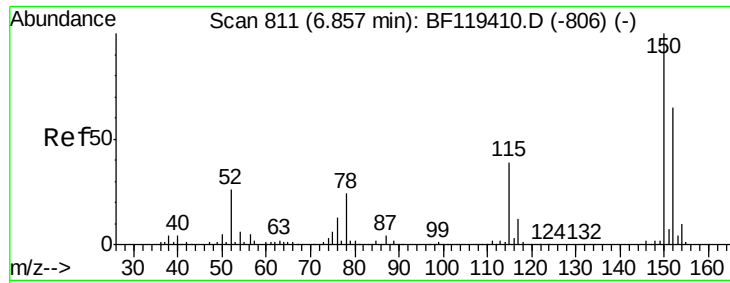
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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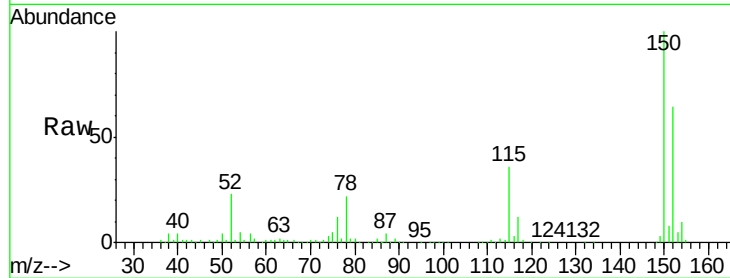


#1

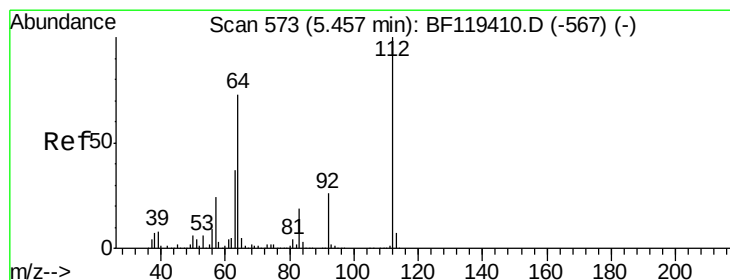
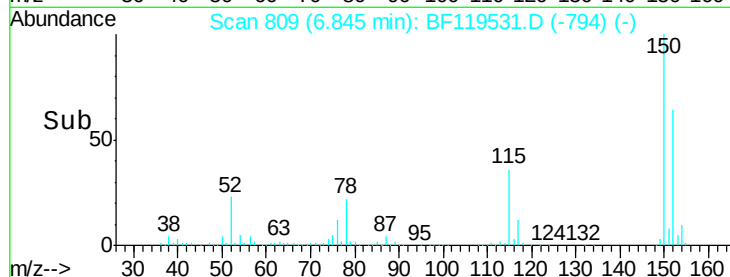
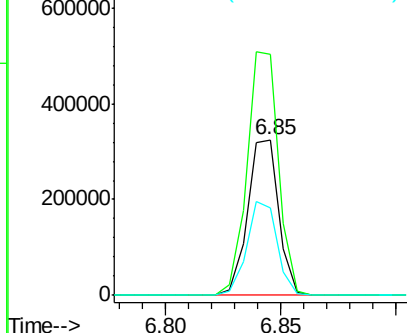
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Instrument :
BNA_F
ClientSampleId :
SLUDGE-PIT

Tot Ion:152 Resp: 306312
Ion Ratio Lower Upper
152 100
150 155.1 123.9 185.9
115 55.9 47.8 71.6



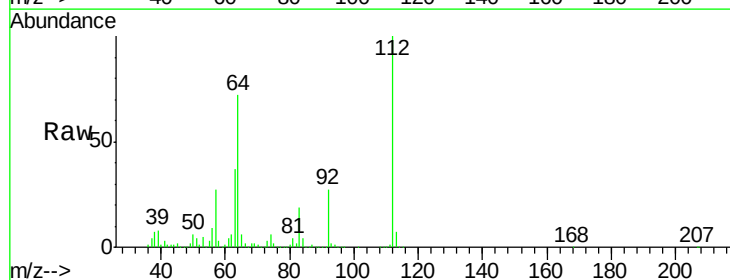
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



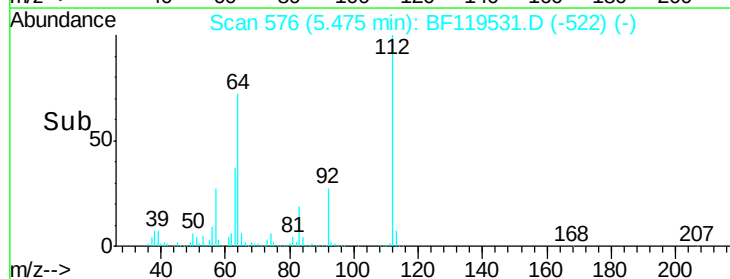
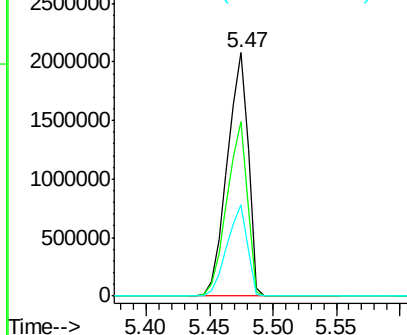
#5

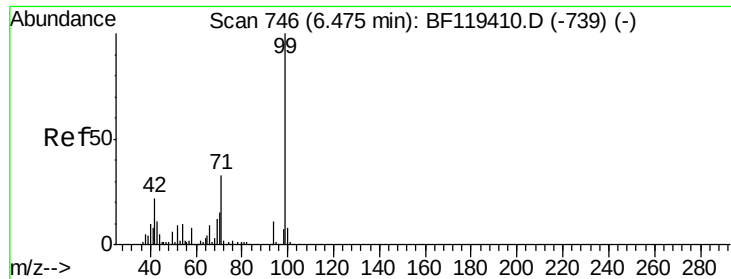
2-Fluorophenol
Concen: 123.101 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Tgt Ion:112 Resp: 2368699
Ion Ratio Lower Upper
112 100
64 71.7 58.1 87.1
63 37.3 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: 108.590 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119531.D

Acq: 26 Mar 2020 7:13

Instrument :

BNA_F

ClientSampleId :

SLUDGE-PIT

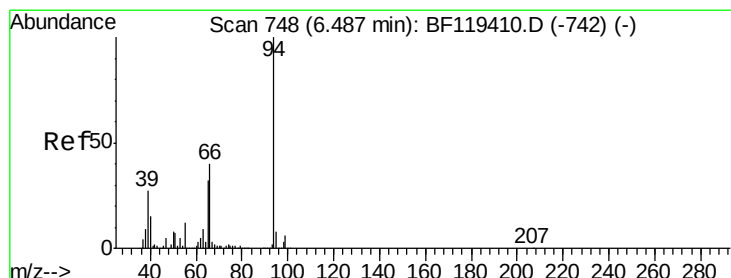
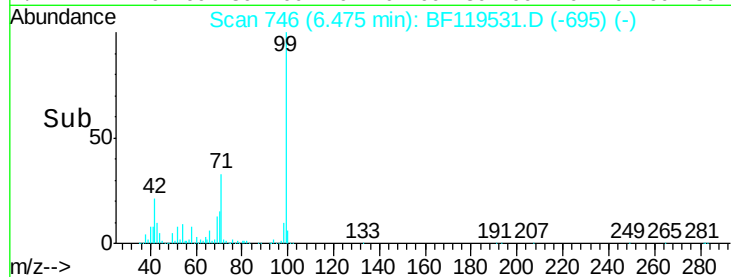
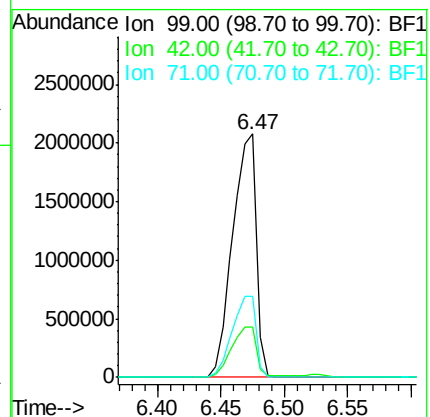
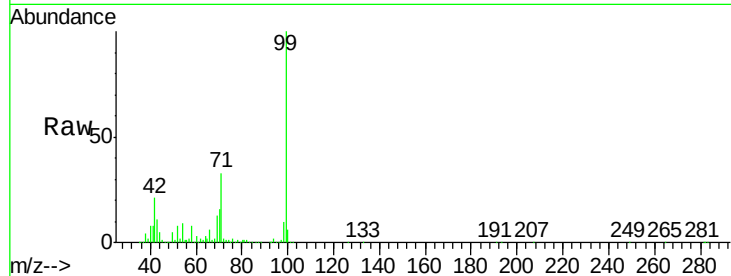
Tot Ion: 99 Resp: 2669151

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 33.3 26.0 39.0



#10

Phenol

Concen: 5.193 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119531.D

Acq: 26 Mar 2020 7:13

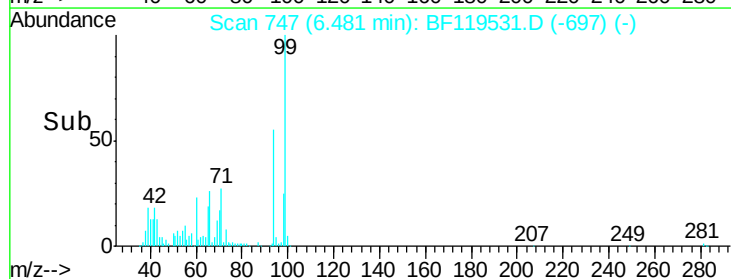
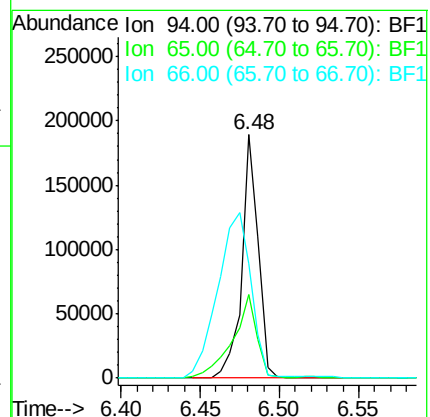
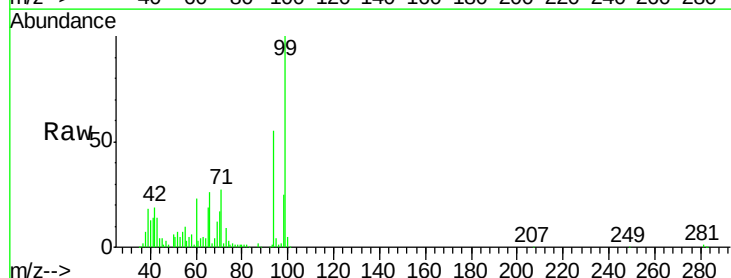
Tgt Ion: 94 Resp: 136203

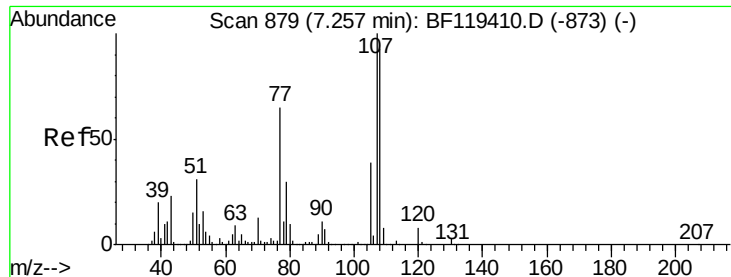
Ion Ratio Lower Upper

94 100

65 34.4 12.0 52.0

66 47.1 20.6 60.6

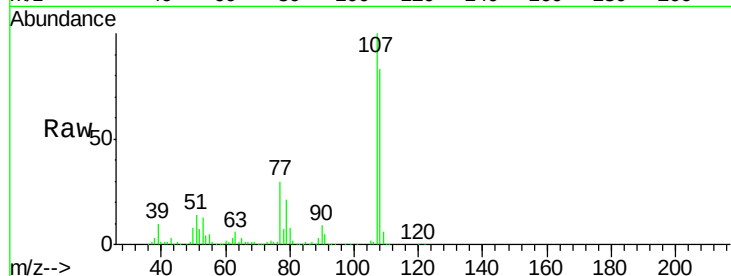




#20
3+4-Methylphenols
Concen: 40.633 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Instrument :
BNA_F
ClientSampleId :
SLUDGE-PIT

Tot Ion	Ratio	Lower	Upper
107	100		
108	82.6	72.6	112.6
77	30.2	44.7	84.7#
79	21.2	10.2	50.2



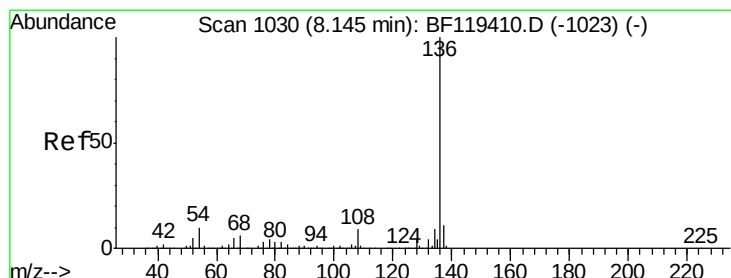
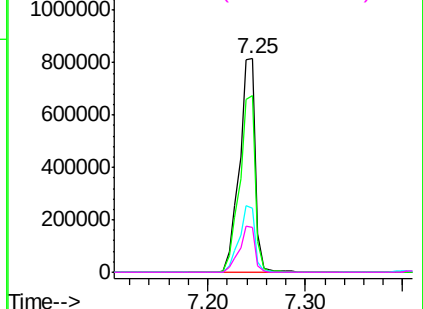
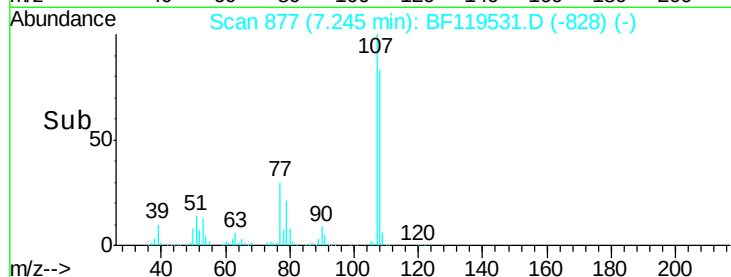
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

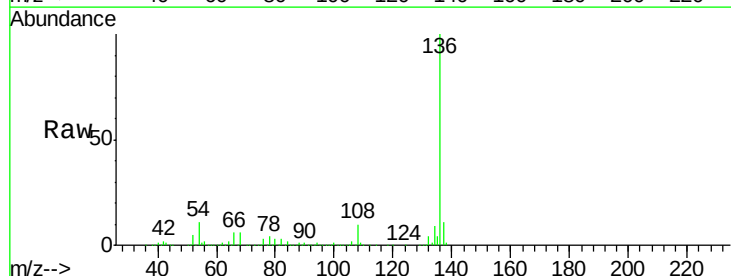
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	10.6	8.3	12.5
68	5.7	4.9	7.3



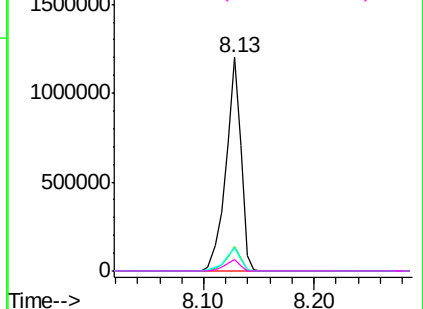
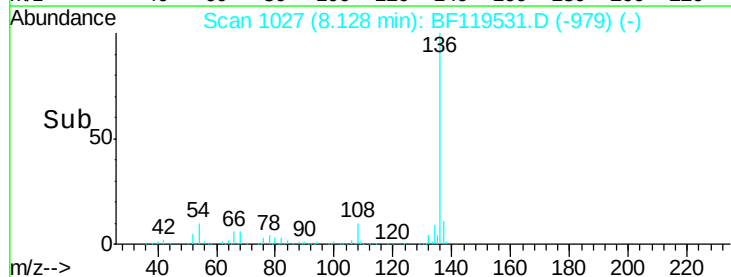
Abundance

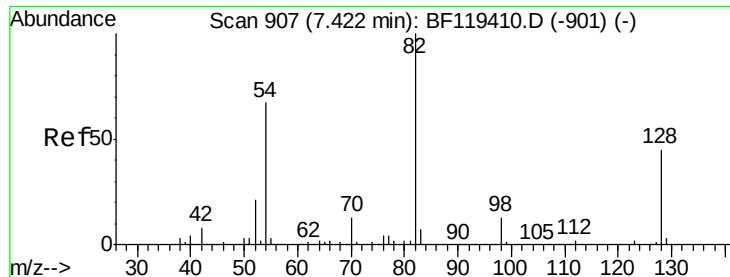
Ion 136.00 (135.70 to 136.70): E

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

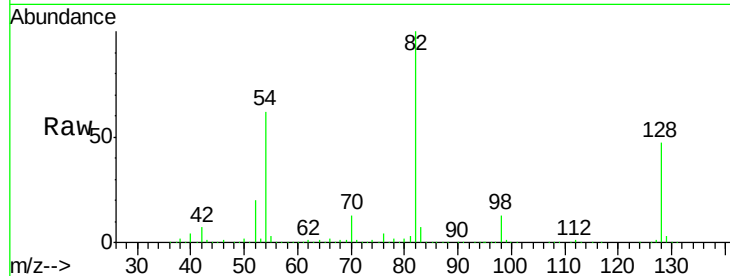




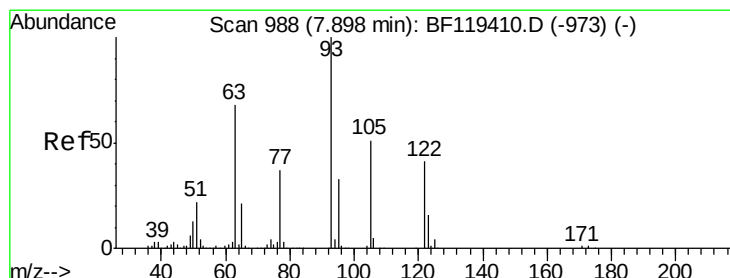
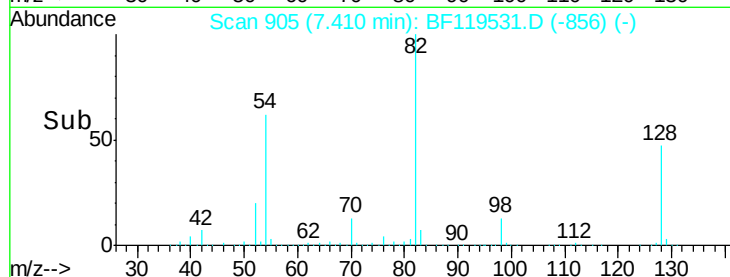
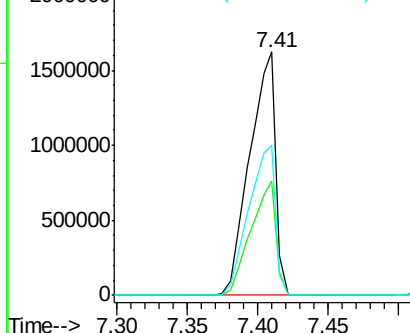
#23
Nitrobenzene-d5
Concen: 99.705 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Instrument :
BNA_F
ClientSampleId :
SLUDGE-PIT

Tot Ion: 82 Resp: 2085003
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.8
54 61.9 53.4 80.0

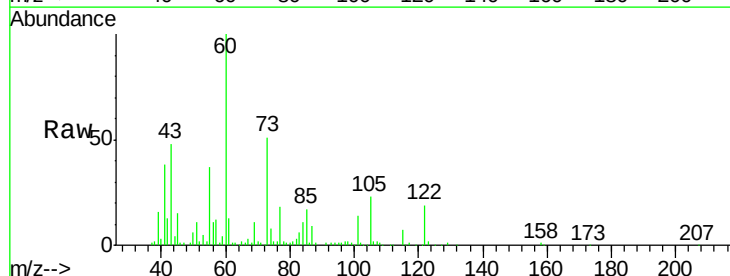


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

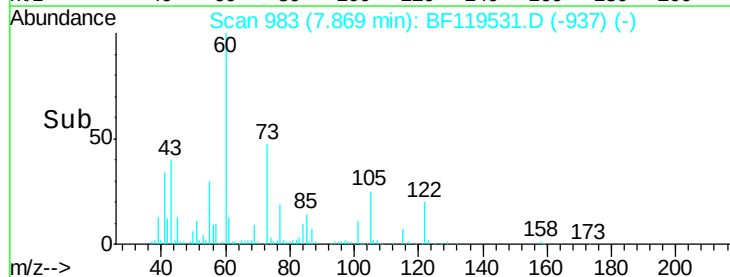
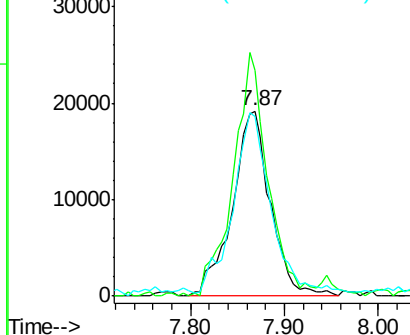


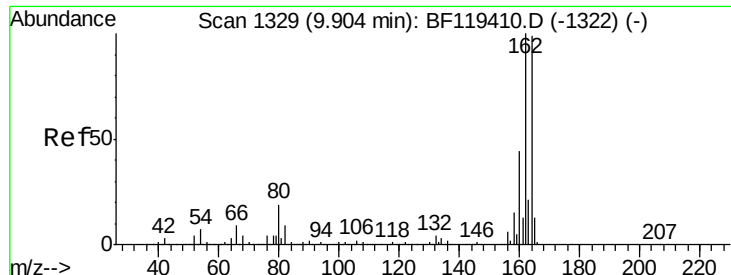
#32
Benzoic acid
Concen: 4.603 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Tgt Ion: 122 Resp: 53875
Ion Ratio Lower Upper
122 100
105 121.9 102.9 142.9
77 96.6 70.1 110.1



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

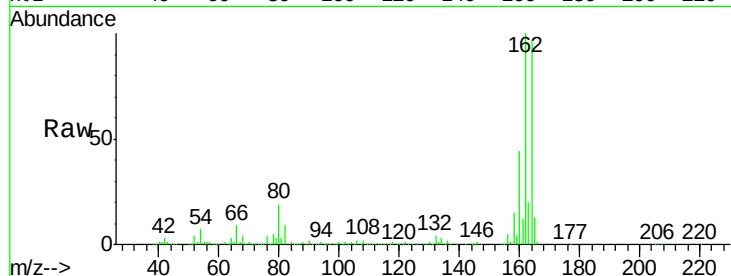




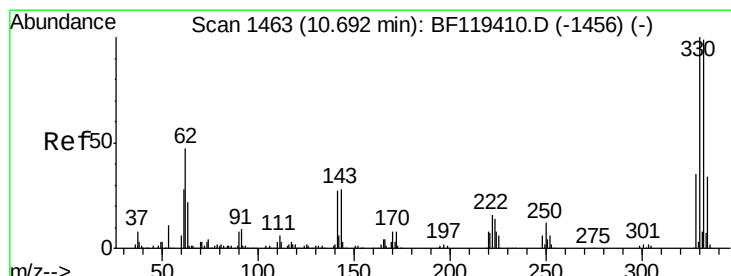
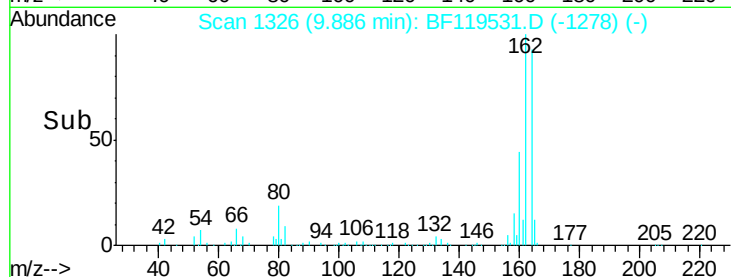
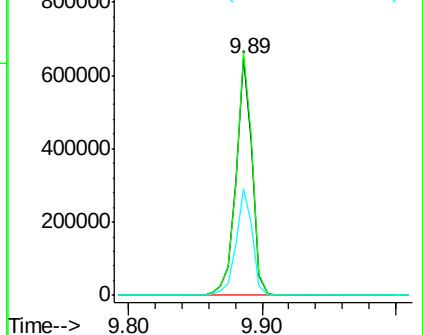
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Instrument :
BNA_F
ClientSampleId :
SLUDGE-PIT

Tot Ion:164 Resp: 546157
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 44.9 35.5 53.3

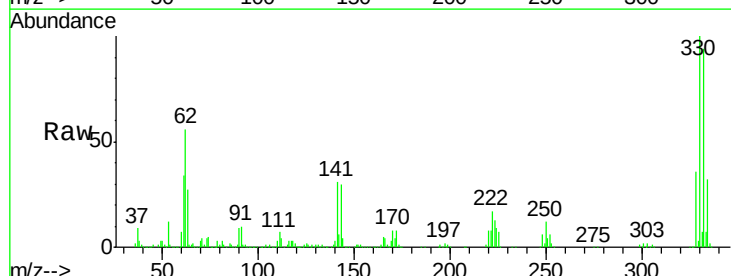


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

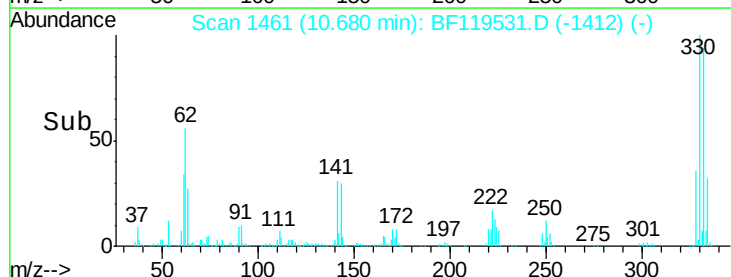
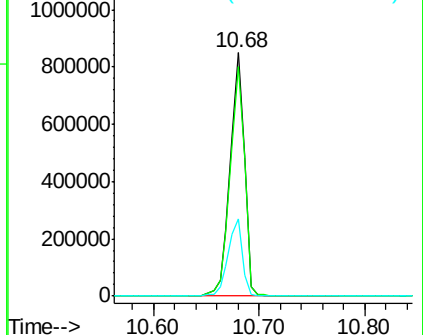


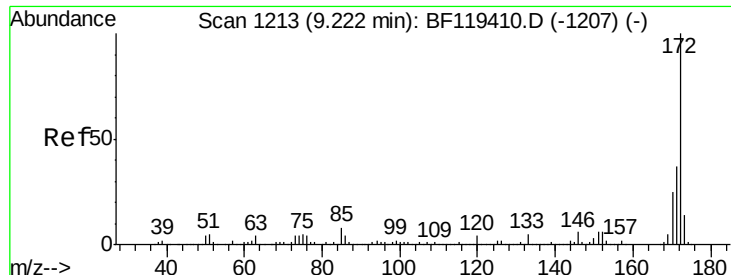
#42
2,4,6-Tribromophenol
Concen: 141.979 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Tgt Ion:330 Resp: 799980
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 31.8 26.6 40.0



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

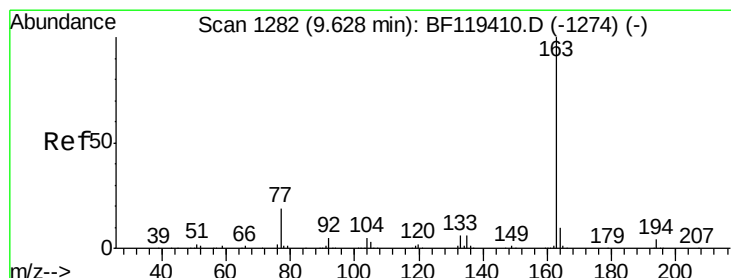
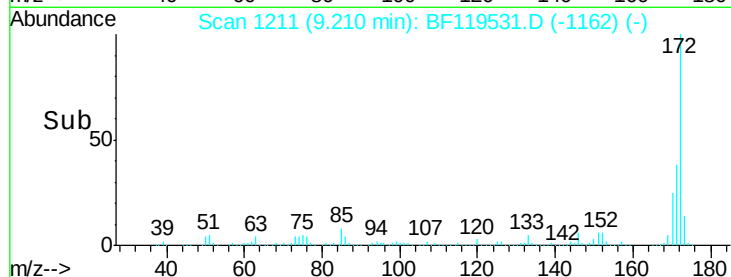
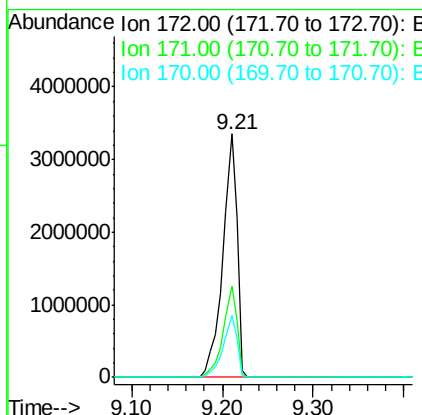
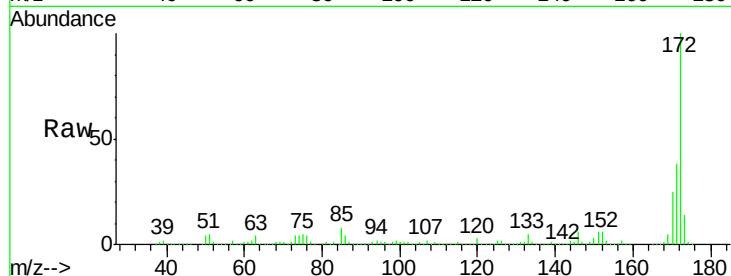




#45
2-Fluorobiphenyl
Concen: 97.247 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

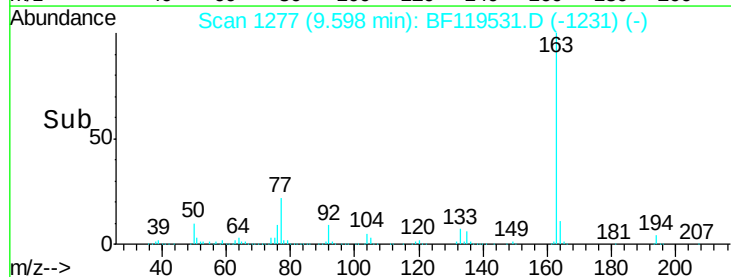
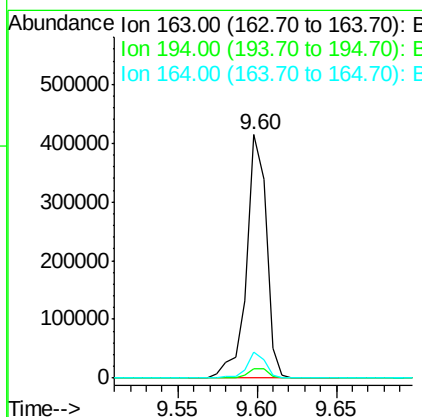
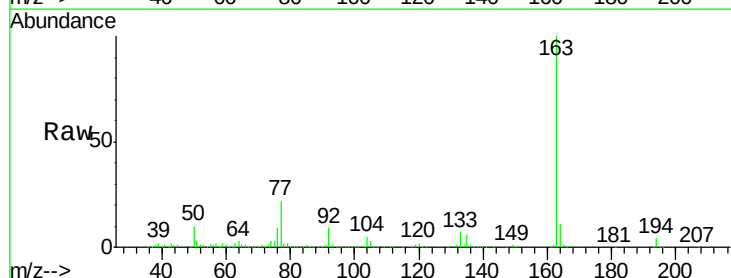
Instrument :
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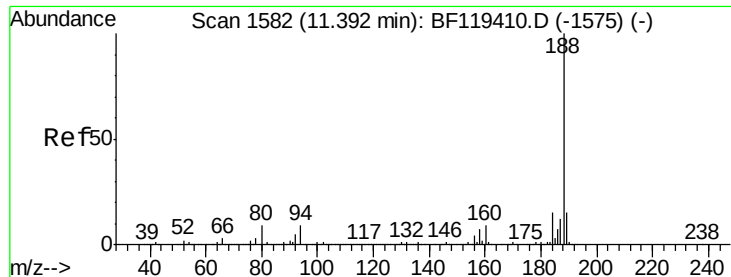
Tot Ion:172 Resp: 3585097
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.3 20.1 30.1



#50
Dimethylphthalate
Concen: 9.267 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Tgt Ion:163 Resp: 359490
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.6 8.1 12.1

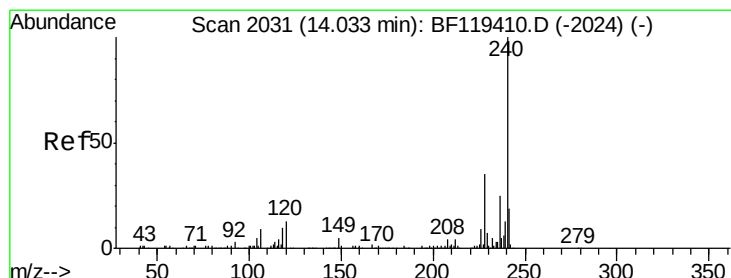
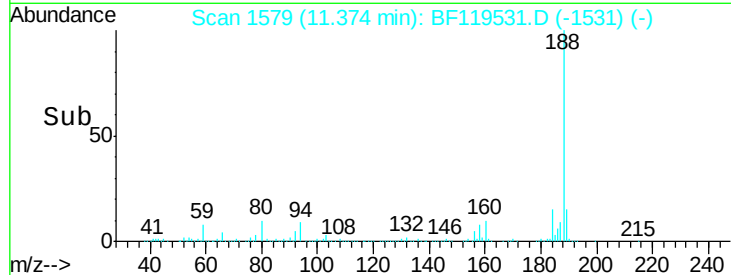
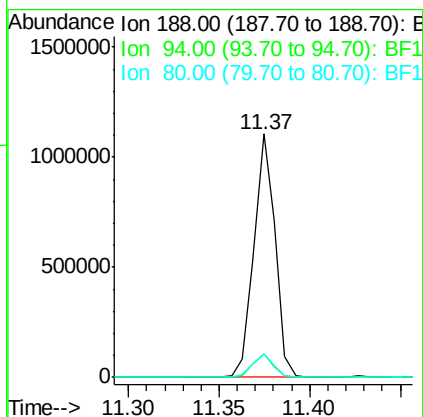
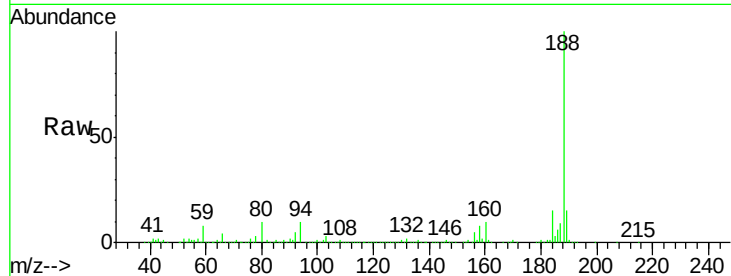




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

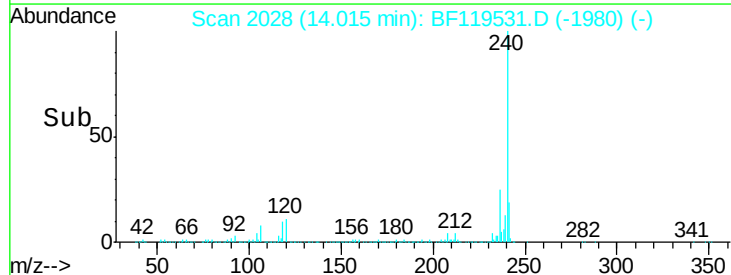
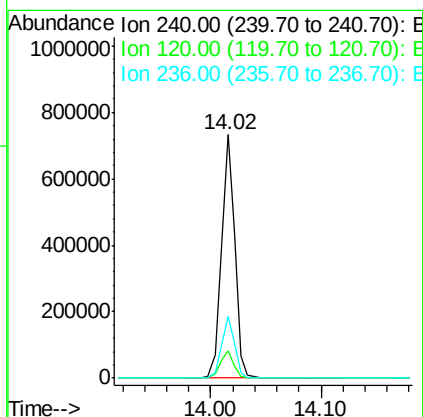
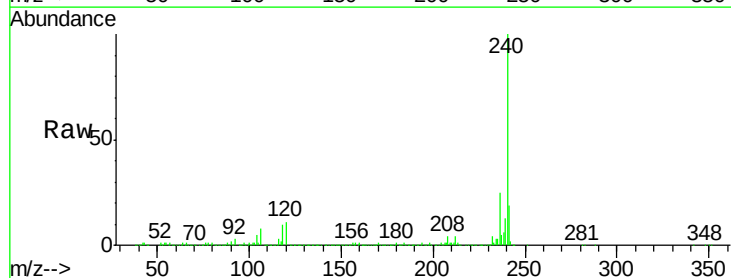
Instrument :
BNA_F
ClientSampled :
SLUDGE-PIT

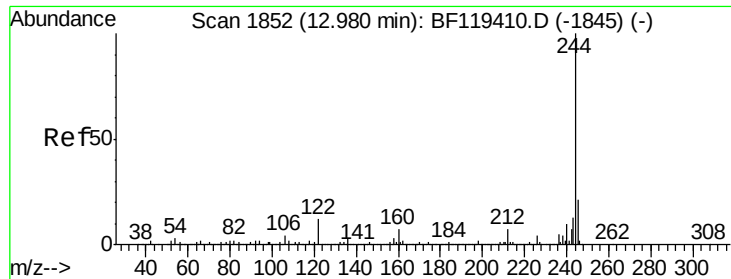
Tot Ion:188 Resp: 899027
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119531.D
Acq: 26 Mar 2020 7:13

Tgt Ion:240 Resp: 615432
Ion Ratio Lower Upper
240 100
120 11.4 10.2 15.4
236 25.2 20.4 30.6

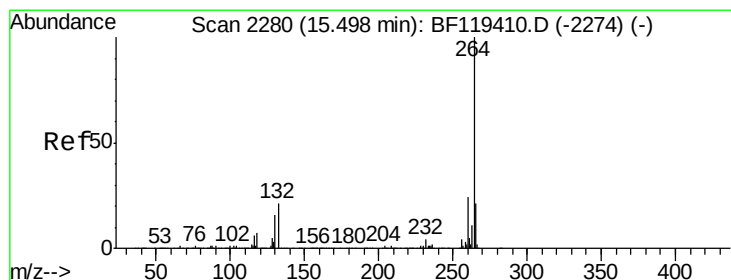
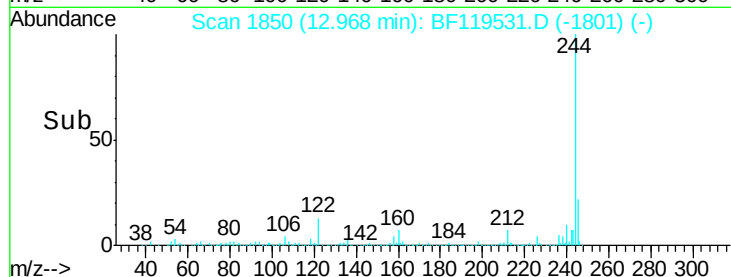
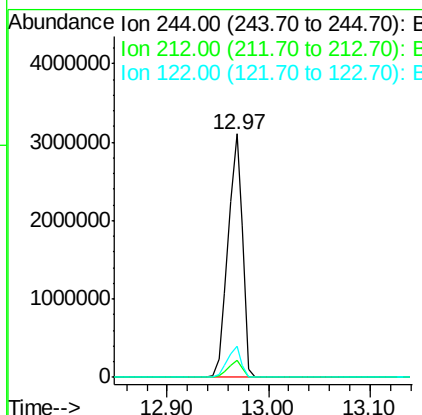
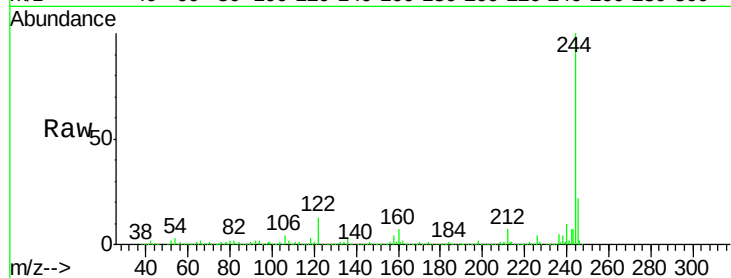




#79
 Terphenyl-d14
 Concen: 98.417 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119531.D
 Acq: 26 Mar 2020 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-PIT

Tot Ion:244 Resp: 3091508
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 12.7 9.8 14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF119531.D
 Acq: 26 Mar 2020 7:13

Tgt Ion:264 Resp: 628045
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.5 16.9 25.3

