

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119941.D
 Acq On : 14 Apr 2020 7:59
 Operator : MA/SJ
 Sample : L2197-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 14 09:01:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

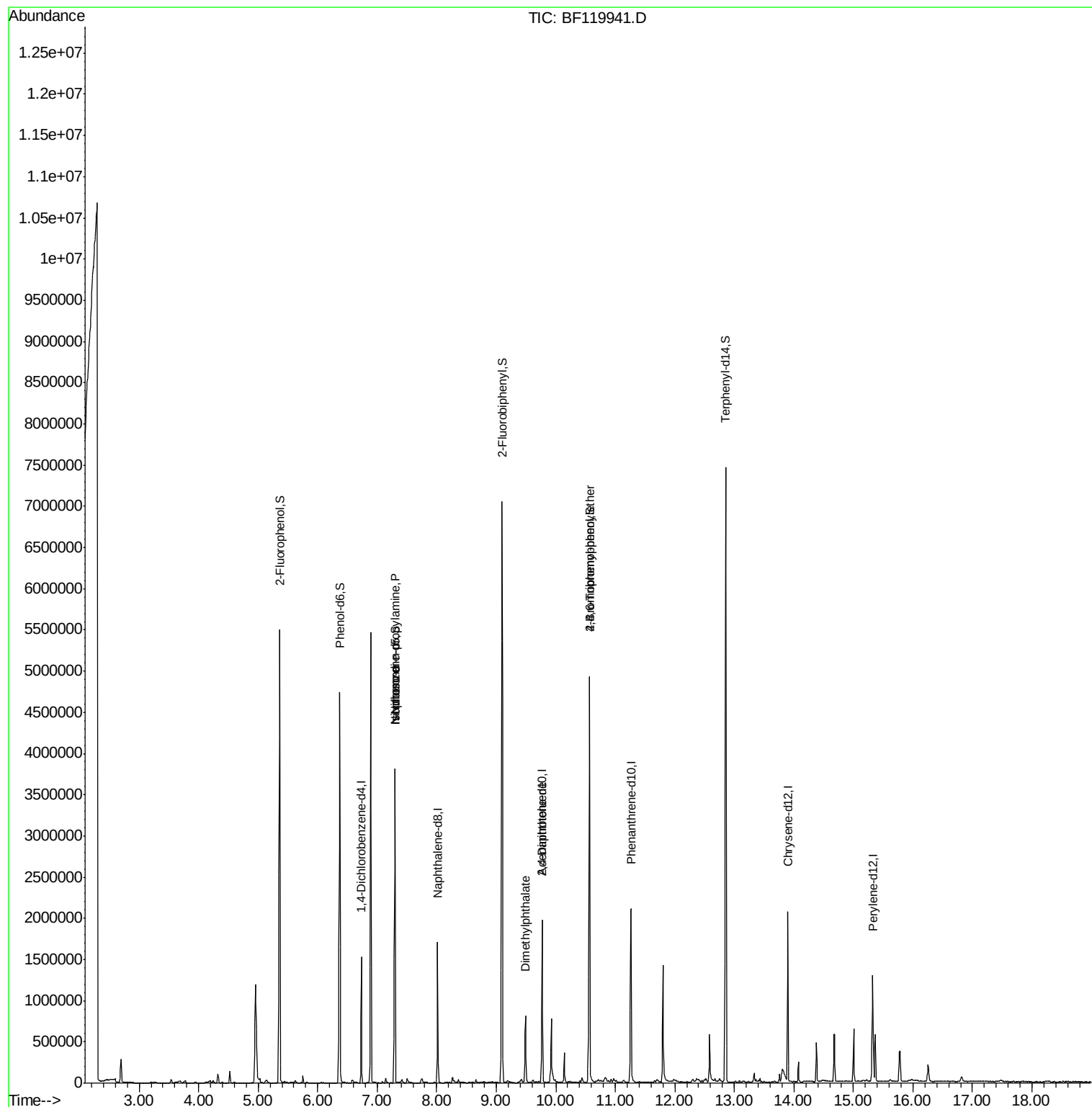
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	207678	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	804511	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	425378	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	865194	20.00	ng	0.00
76) Chrysene-d12	13.90	240	678487	20.00	ng	-0.01
87) Perylene-d12	15.32	264	586024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1683325	140.08	ng	0.02
7) Phenol-d6	6.37	99	1911975	123.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	1460478	93.92	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	729277	140.03	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2670185	89.12	ng	-0.01
79) Terphenyl-d14	12.86	244	3348209	83.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	453	Below Cal		Qvalue # 43
19) n-Nitroso-di-n-propylamine	7.30	70	191428	19.225	ng	# 75
25) Isophorone	7.30	82	1457597	48.623	ng	# 65
50) Dimethylphthalate	9.49	163	331306	10.069	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	55240	5.819	ng	# 23
67) 4-Bromophenyl-phenylether	10.57	248	41917	3.896	ng	# 1

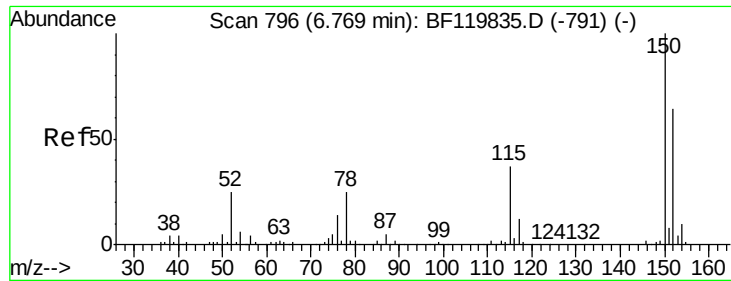
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119941.D
Acq On : 14 Apr 2020 7:59
Operator : MA/SJ
Sample : L2197-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 14 09:01:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration



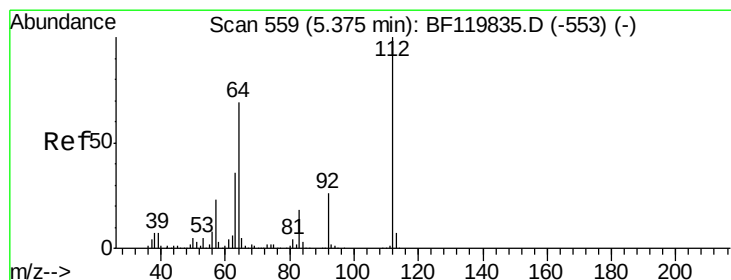
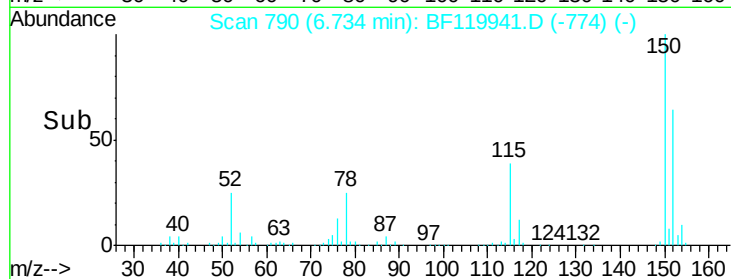
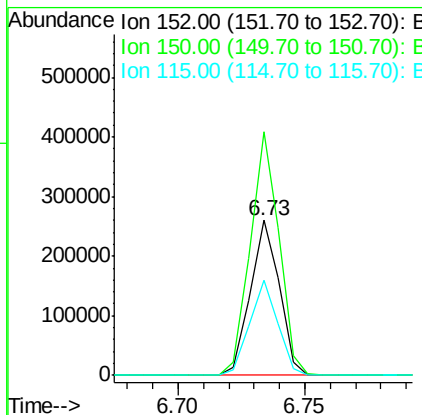
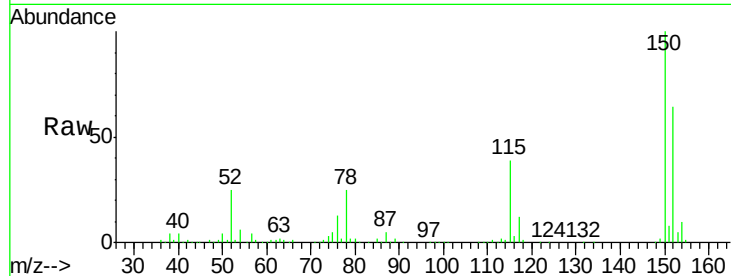


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119941.D
Acq: 14 Apr 2020 7:59

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

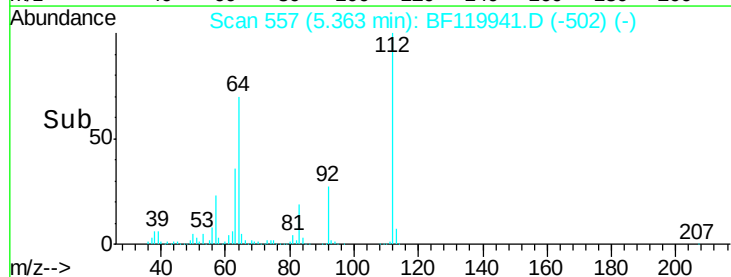
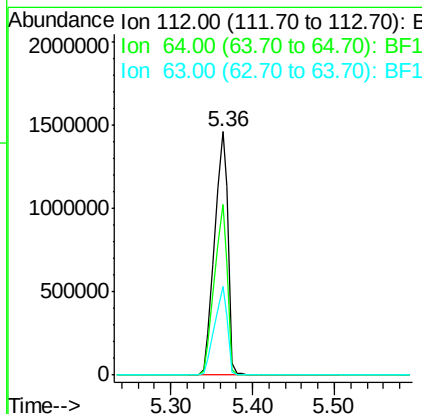
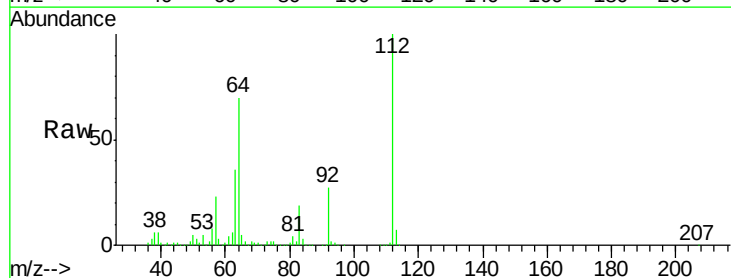
Tot Ion:152 Resp: 207678
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 61.3 46.5 69.7

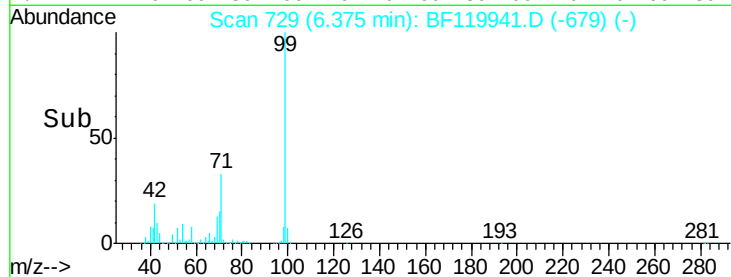
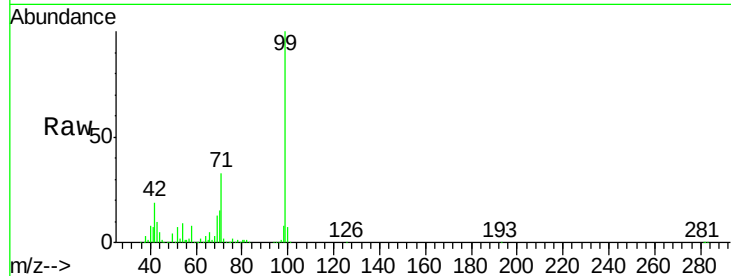
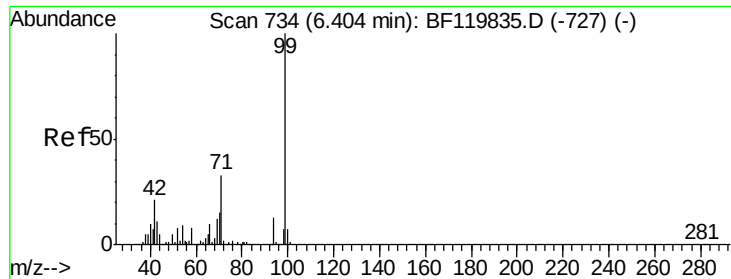


#5

2-Fluorophenol
Concen: 140.077 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119941.D
Acq: 14 Apr 2020 7:59

Tgt Ion:112 Resp: 1683325
Ion Ratio Lower Upper
112 100
64 70.1 55.5 83.3
63 36.3 29.1 43.7





#7

Phenol-d6

Concen: 123.475 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

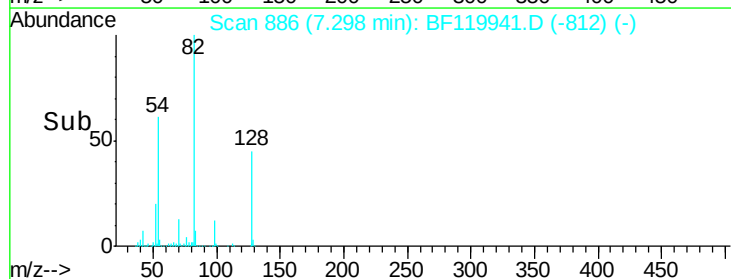
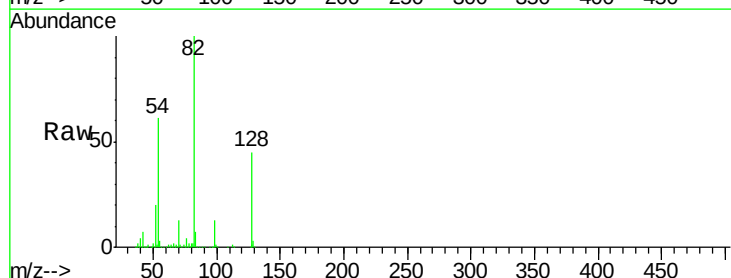
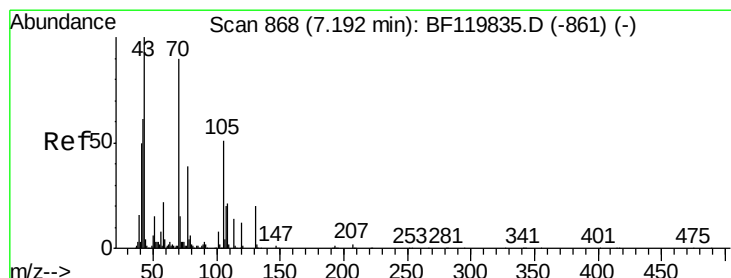
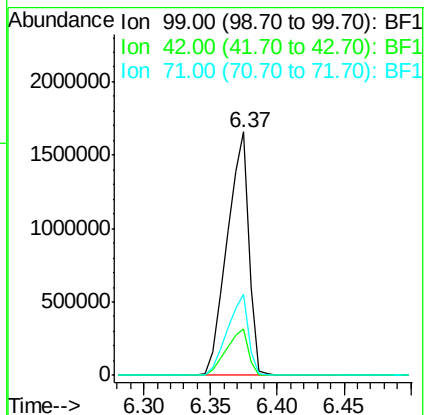
Tot Ion: 99 Resp: 1911975

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

71 33.0 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.225 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Tgt Ion: 70 Resp: 191428

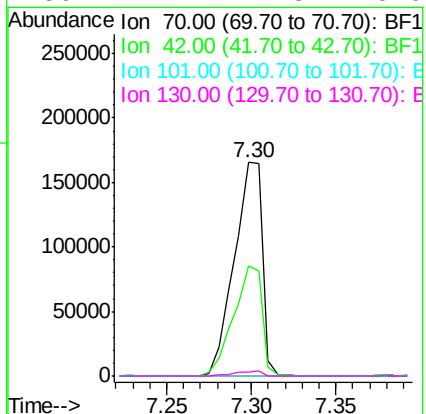
Ion Ratio Lower Upper

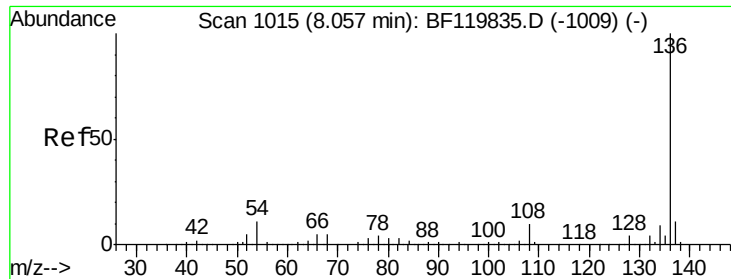
70 100

42 51.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

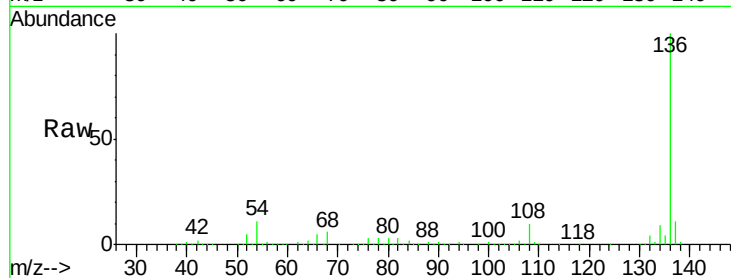




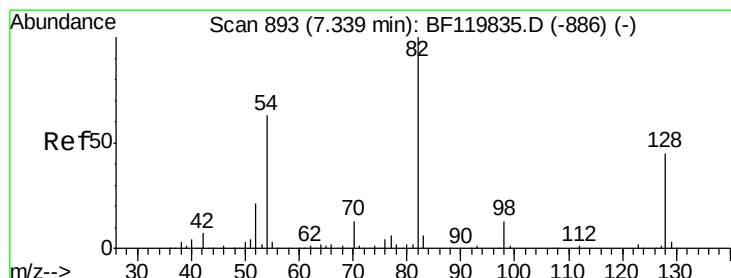
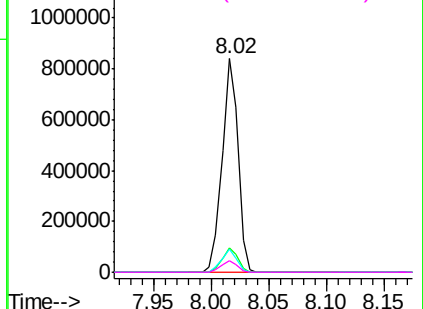
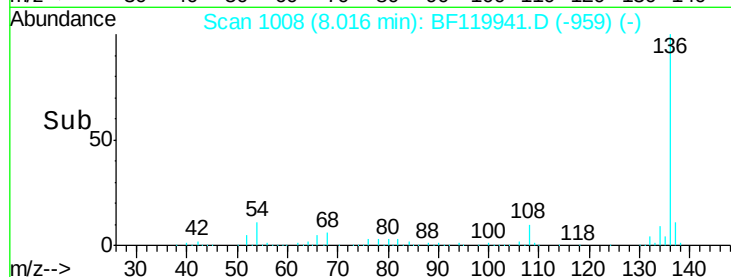
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119941.D
Acq: 14 Apr 2020 7:59

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

Tot Ion:136	Resp:	804511
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	10.9	8.5 12.7
68	5.7	3.9 5.9

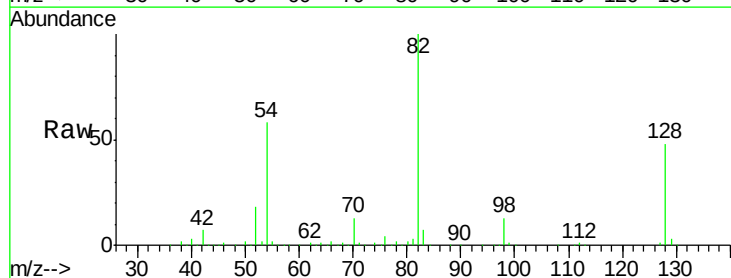


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

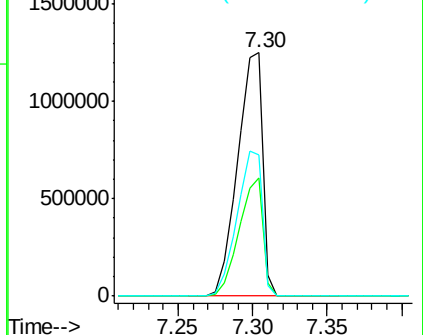
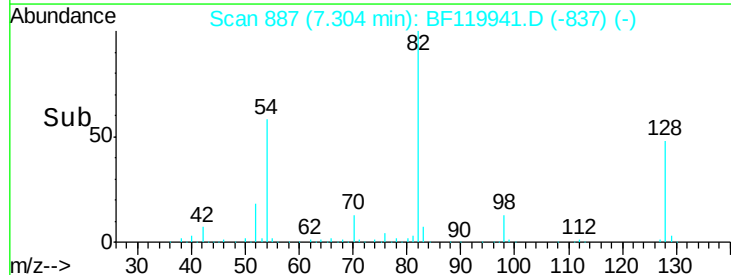


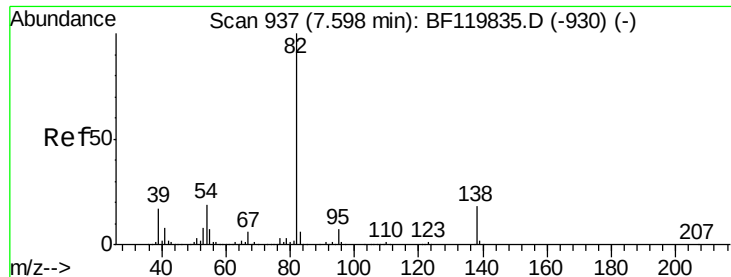
#23
Nitrobenzene-d5
Concen: 93.915 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119941.D
Acq: 14 Apr 2020 7:59

Tgt Ion: 82	Resp:	1460478
Ion Ratio	Lower	Upper
82	100	
128	48.3	36.2 54.4
54	58.1	50.4 75.6



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





#25

Isophorone

Concen: 48.623 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

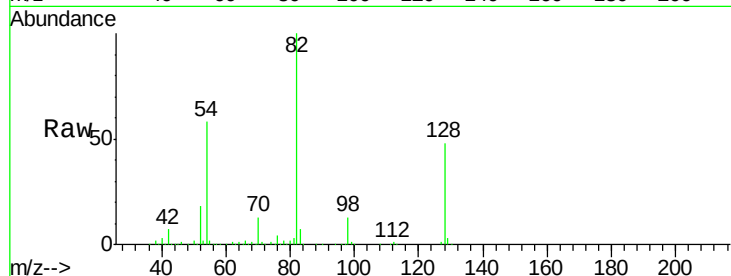
Tot Ion: 82 Resp: 1457597

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

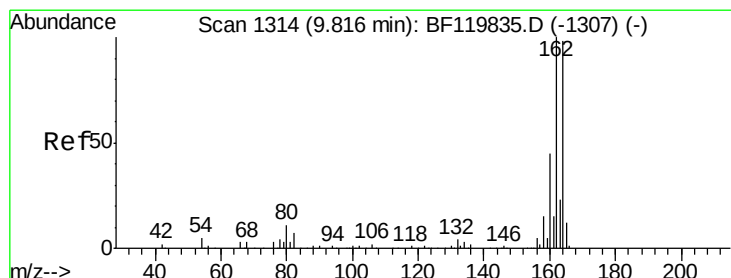
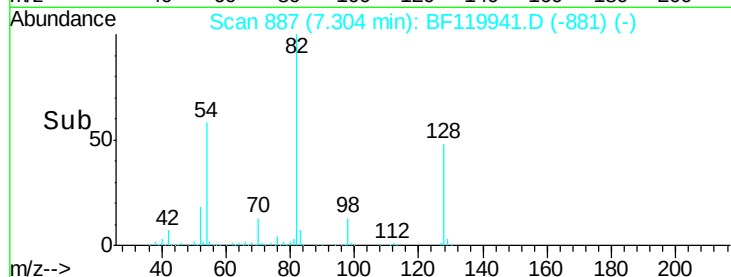
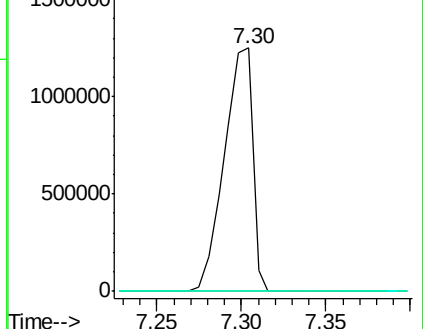
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

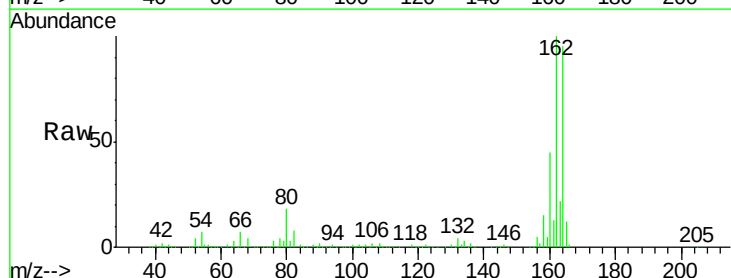
Tgt Ion:164 Resp: 425378

Ion Ratio Lower Upper

164 100

162 105.2 81.9 122.9

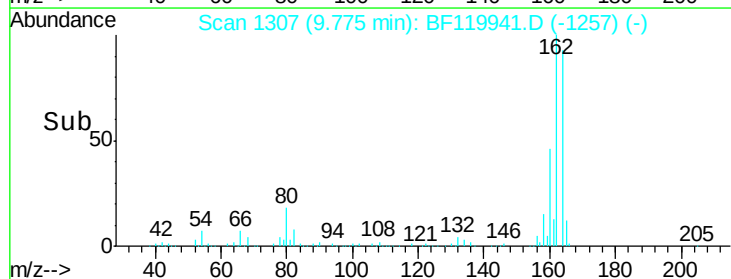
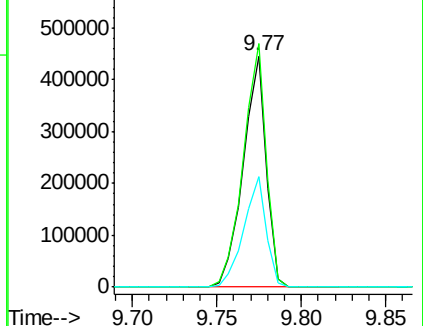
160 47.9 36.6 54.8

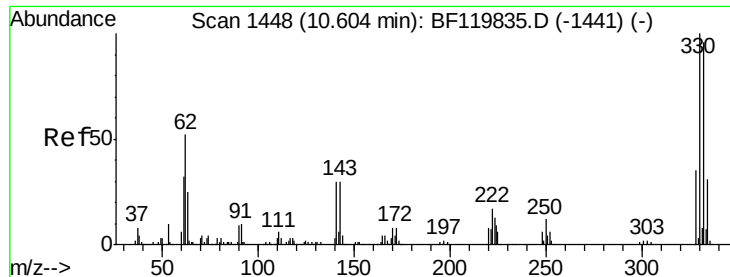


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

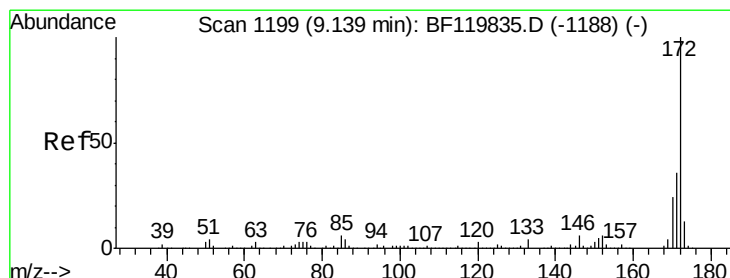
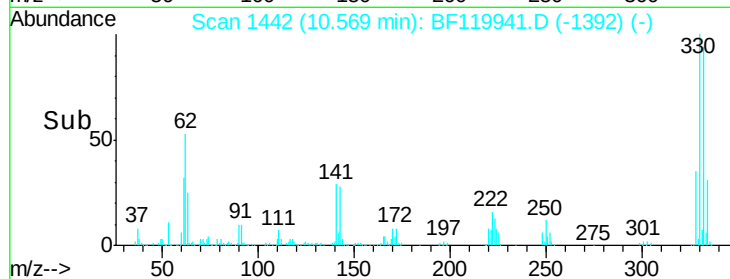
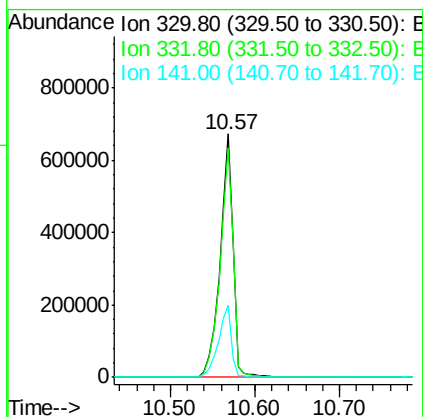
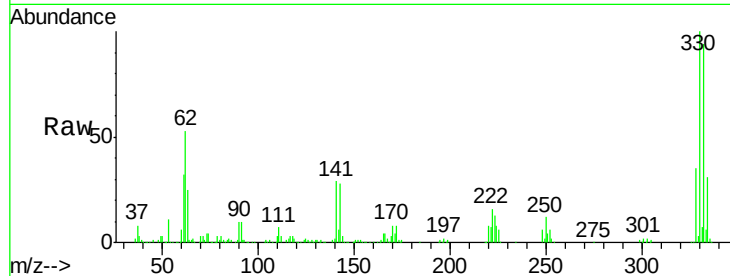




#42
 2,4,6-Tribromophenol
 Concen: 140.028 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

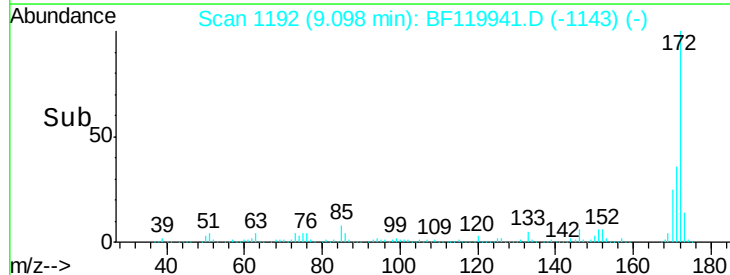
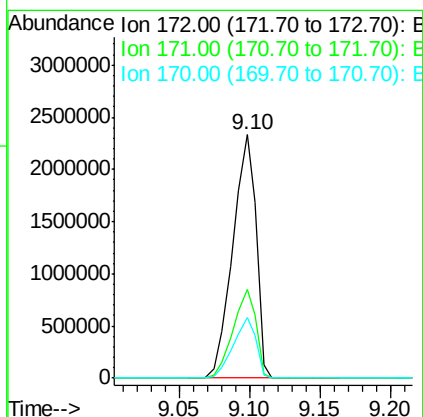
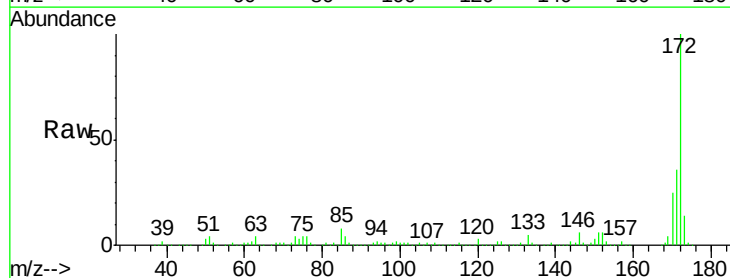
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

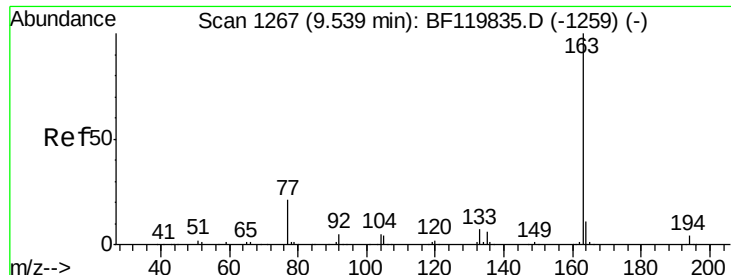
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	30.0	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 89.123 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.8	19.4	29.2

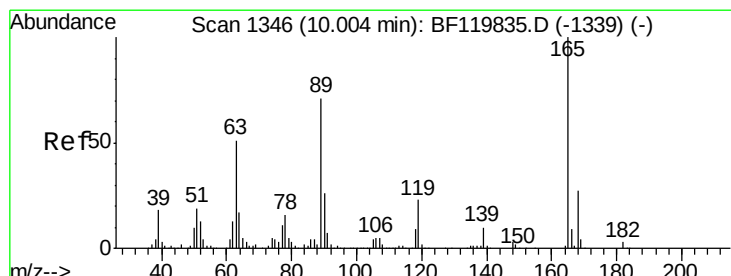
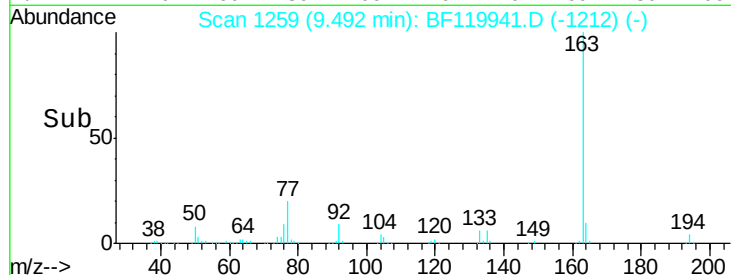
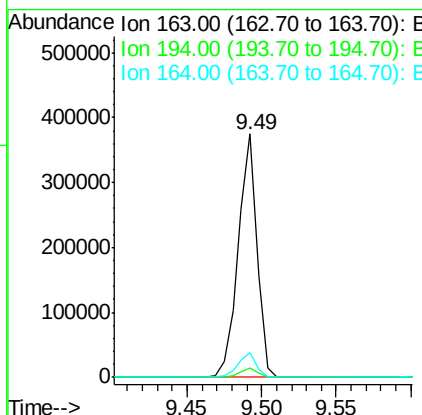
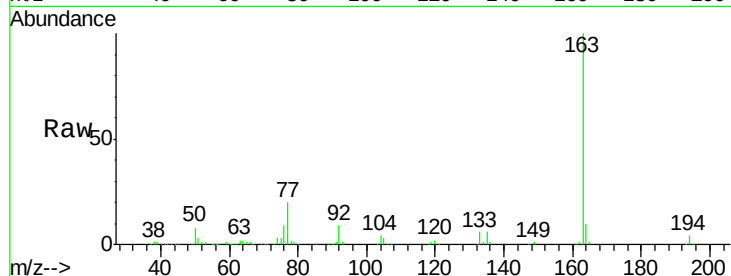




#50
 Dimethylphthalate
 Concen: 10.069 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

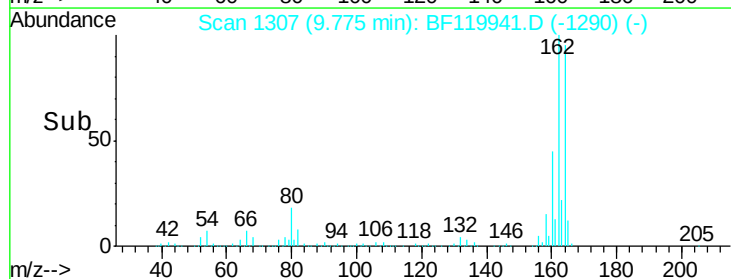
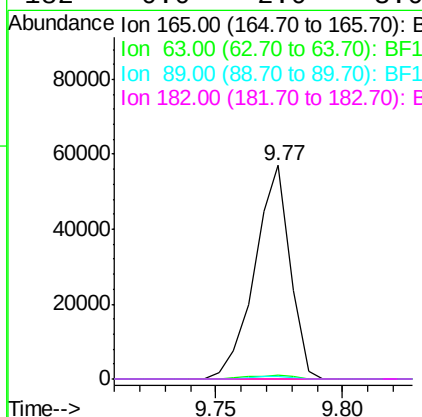
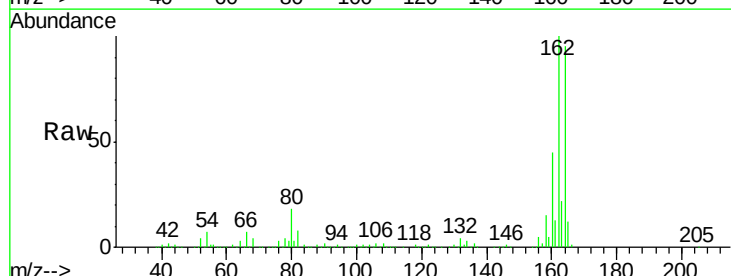
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

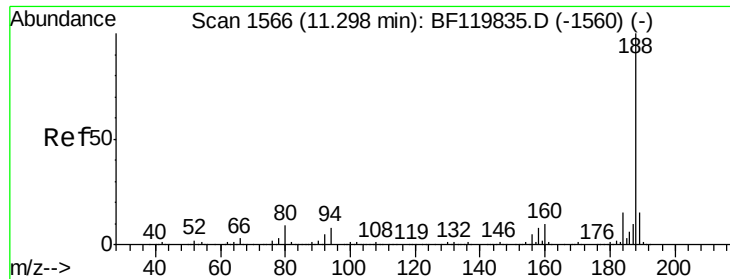
Tot Ion:163	Resp:	331306
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.4
164	9.9	8.4 12.6



#57
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

Tgt Ion:165	Resp:	55240
Ion Ratio	Lower	Upper
165	100	
63	2.1	40.8 61.2#
89	1.2	56.9 85.3#
182	0.0	2.0 3.0#

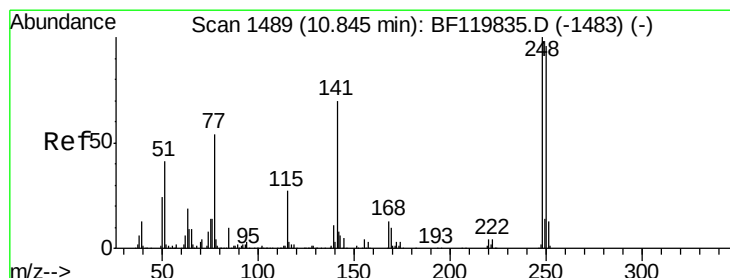
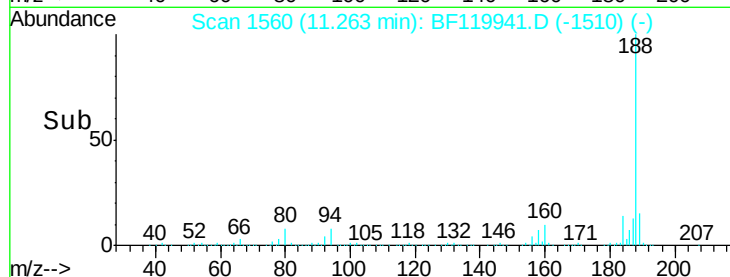
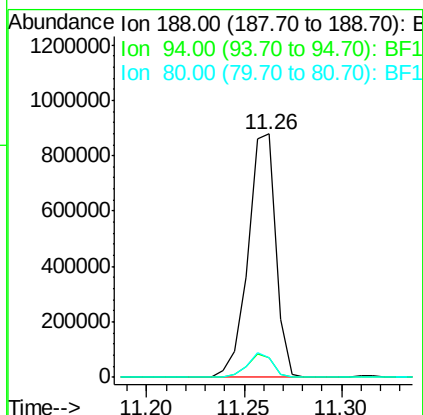
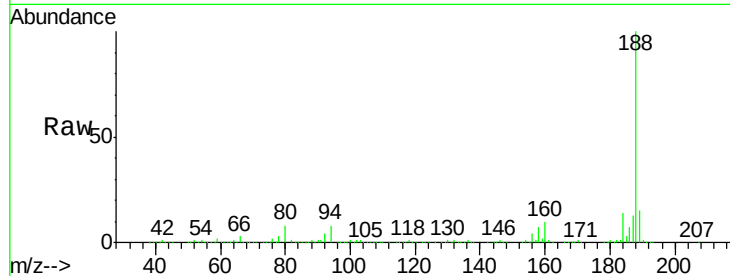




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

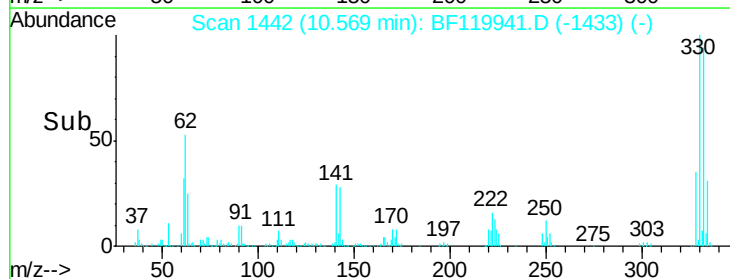
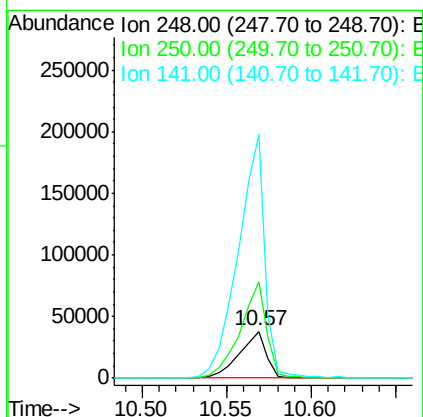
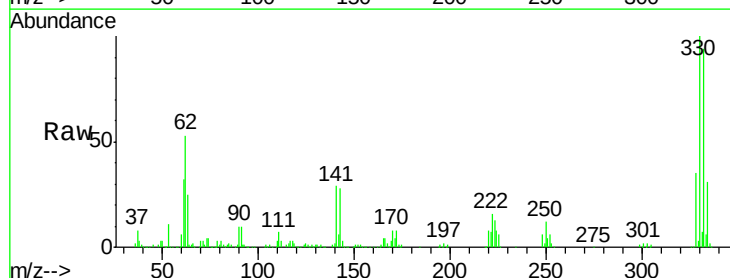
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

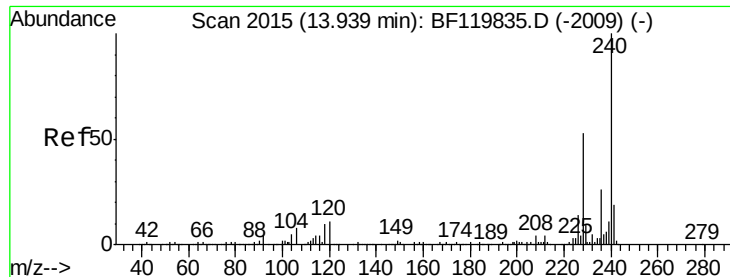
Tot Ion:188 Resp: 865194
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 8.3 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.896 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

Tgt Ion:248 Resp: 41917
 Ion Ratio Lower Upper
 248 100
 250 206.0 76.6 114.8#
 141 518.0 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Instrument :

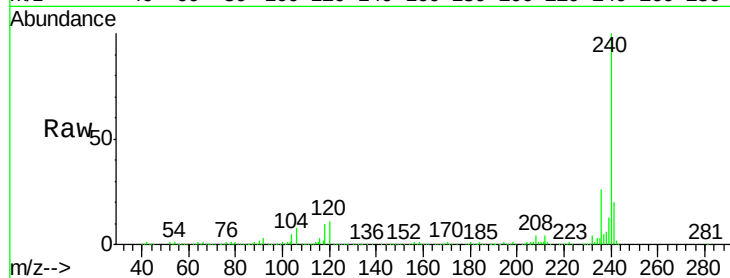
BNA_F

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

Tot Ion:240 Resp: 678487

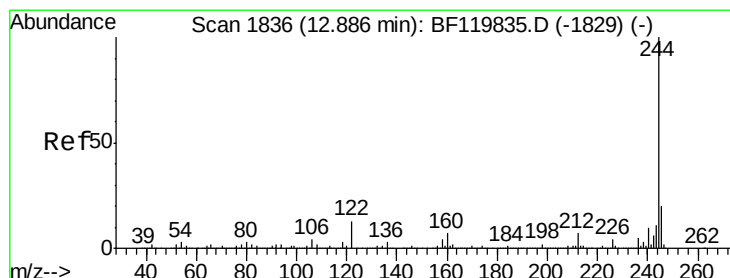
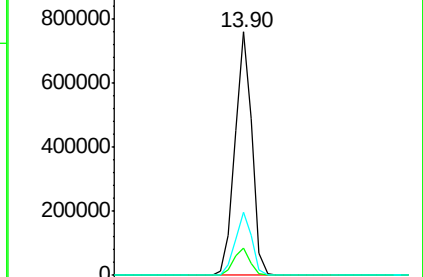
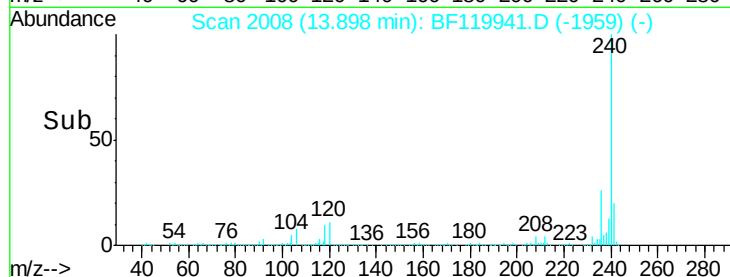
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	26.2	20.7	31.1



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: 83.036 ng

RT: 12.86 min Scan# 1831

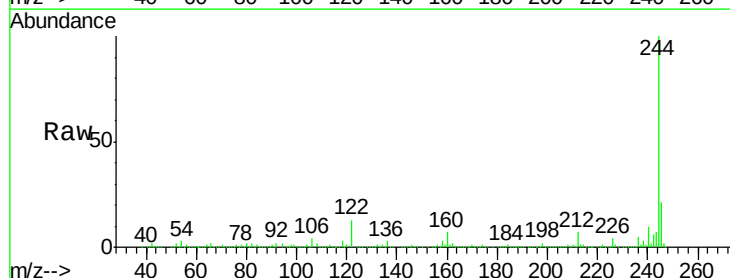
Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Tgt Ion:244 Resp: 3348209

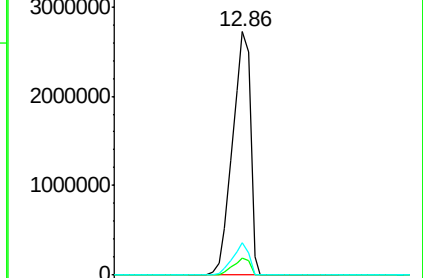
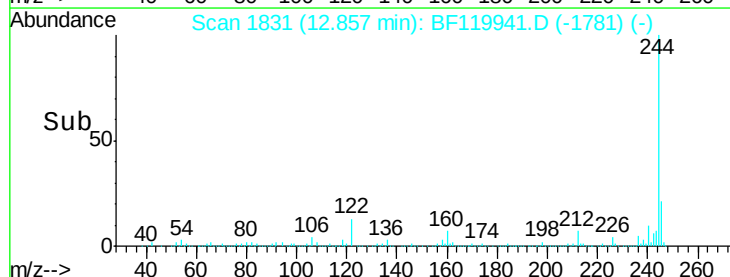
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.1	10.3	15.5

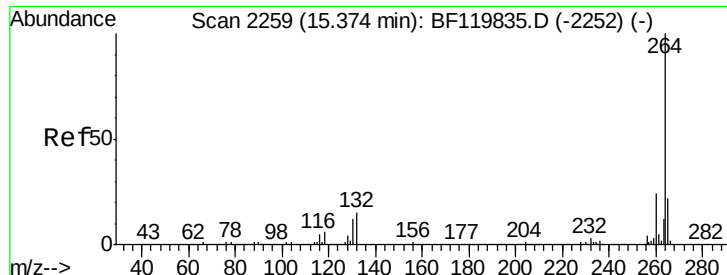


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

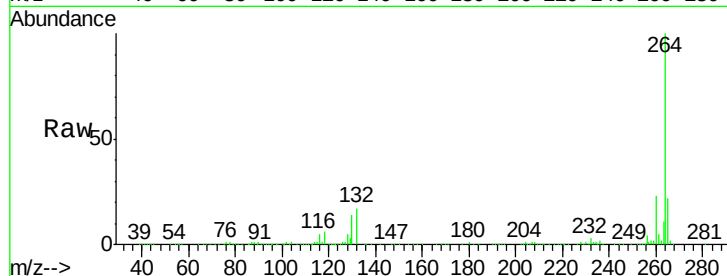




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.7	17.6	26.4



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

