

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 09:11:10 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

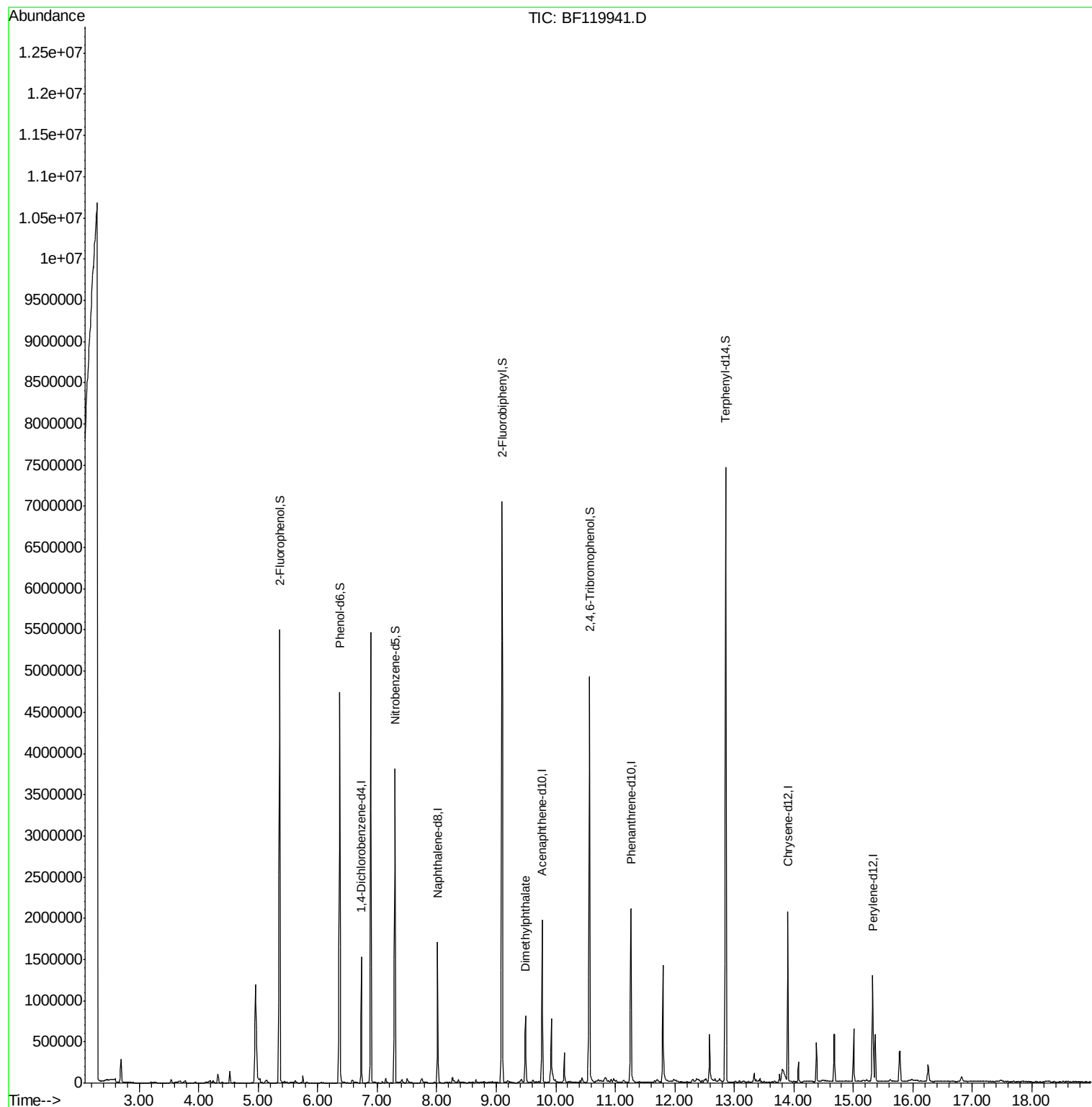
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	207678	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	804511	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	425378	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	865194	20.00	ng	0.00
76) Chrysene-d12	13.90	240	678487	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						
50) Dimethylphthalate	9.49	163	331306	10.069	ng	Qvalue 99

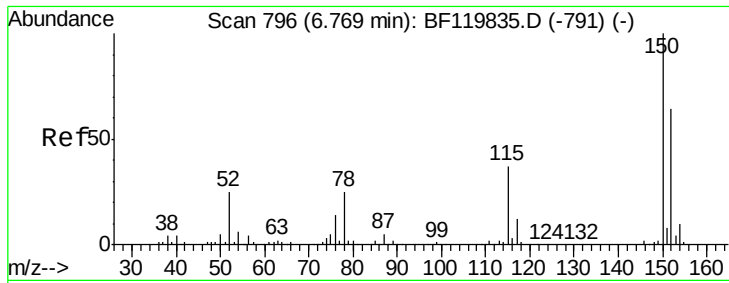
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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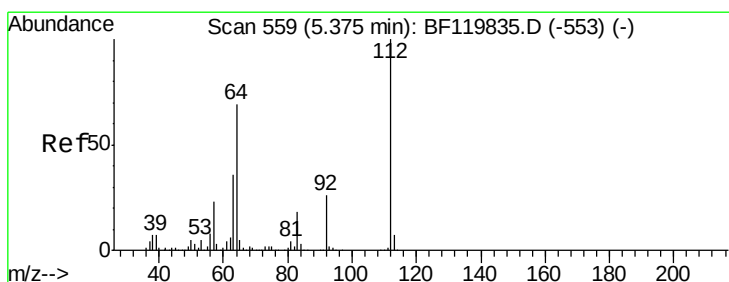
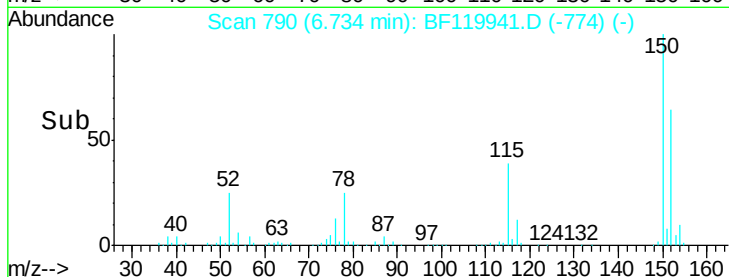
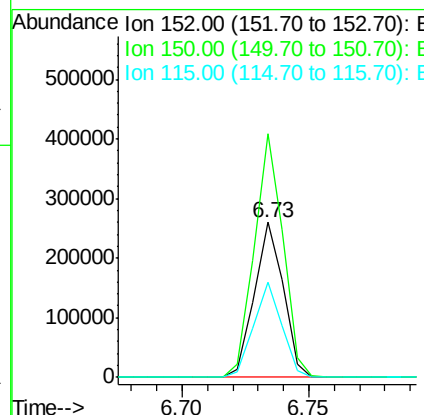
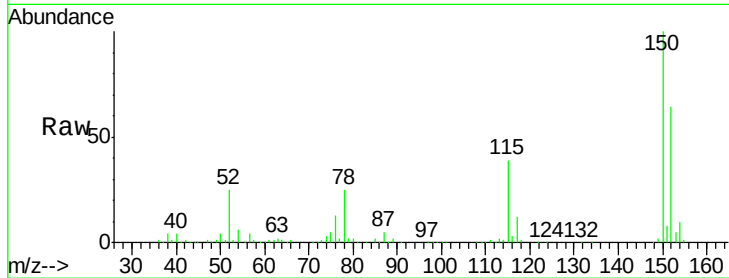




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

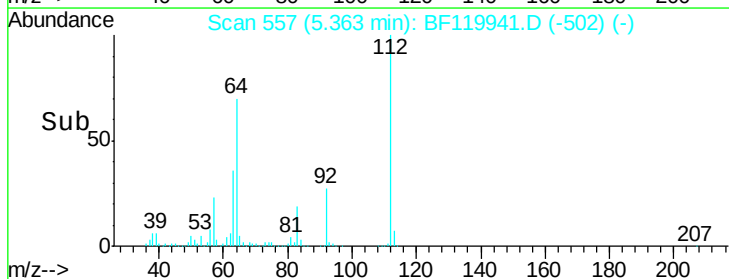
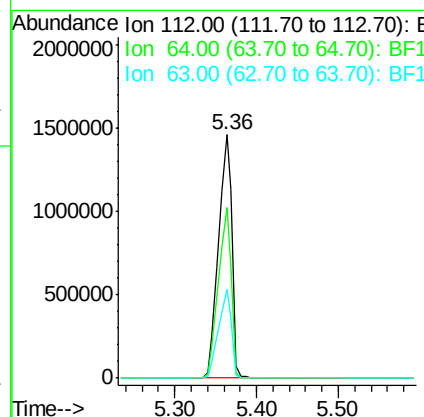
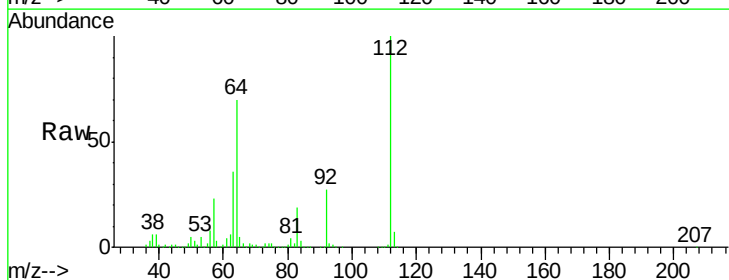
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

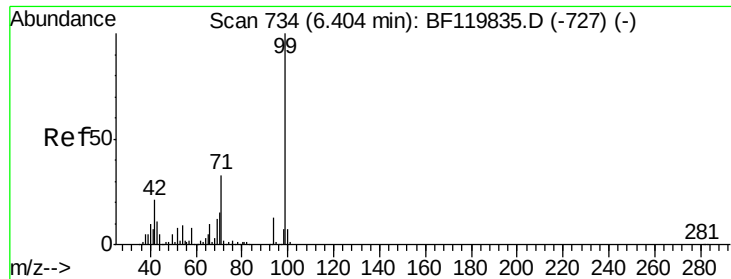
Tot Ion:152 Resp: 207678
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 61.3 46.5 69.7



#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

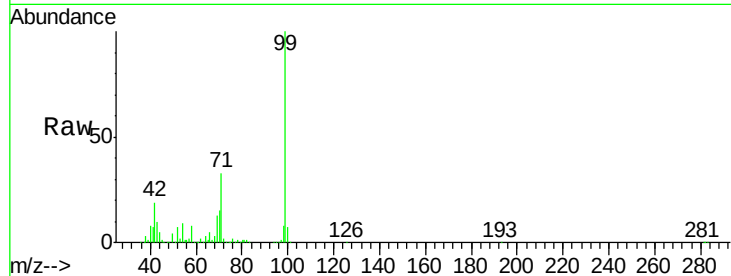
Tot Ion: 99 Resp: 1911975

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

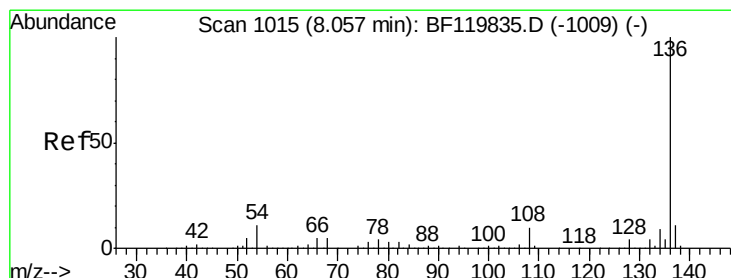
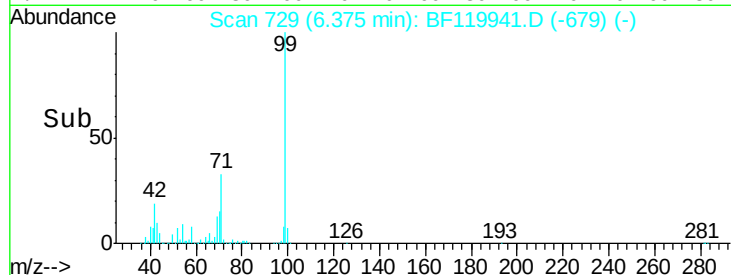
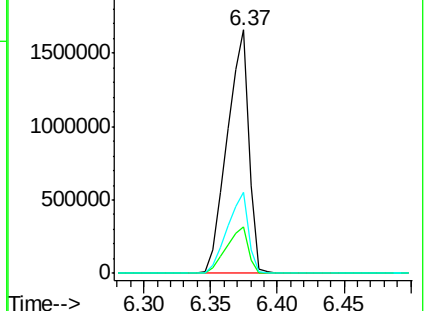
71 33.0 26.3 39.5



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



#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

Tgt Ion: 136 Resp: 804511

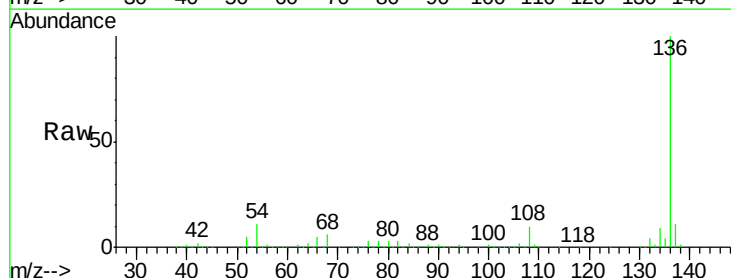
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 8.5 12.7

68 5.7 3.9 5.9

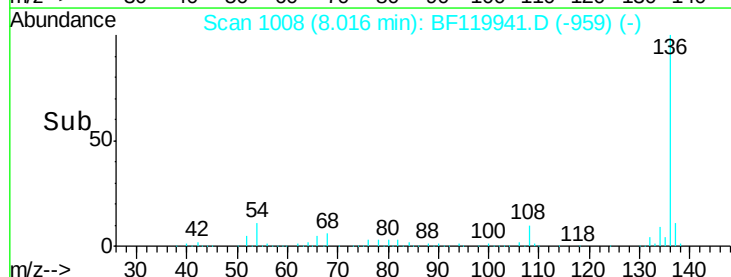
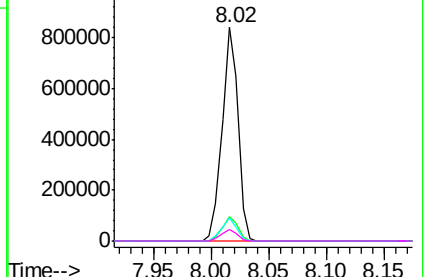


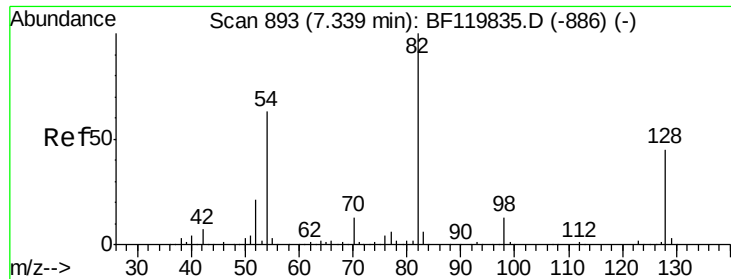
Abundance Ion 136.00 (135.70 to 136.70): E

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

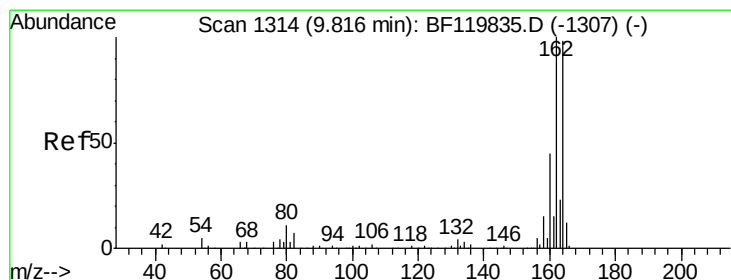
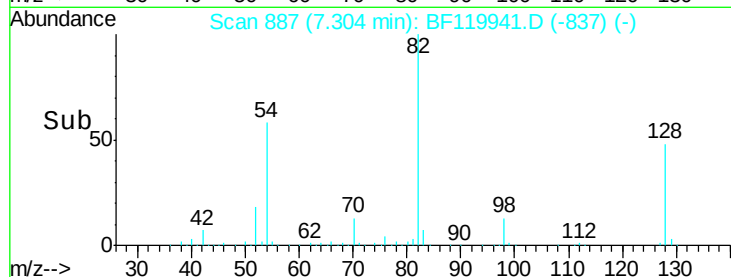
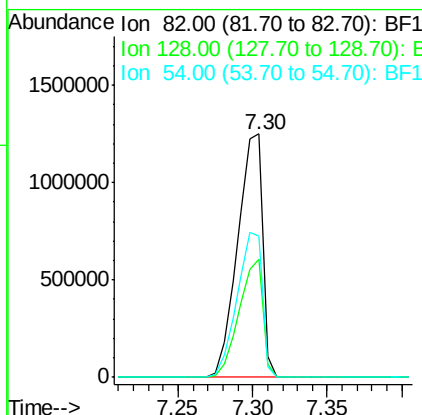
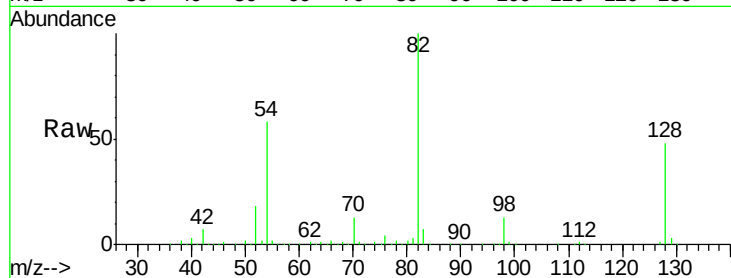




#23
Nitrobenzene-d5
Concen: 93.915 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119941.D
Acq: 14 Apr 2020 7:59

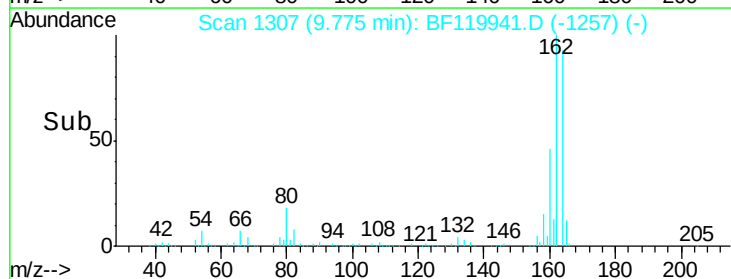
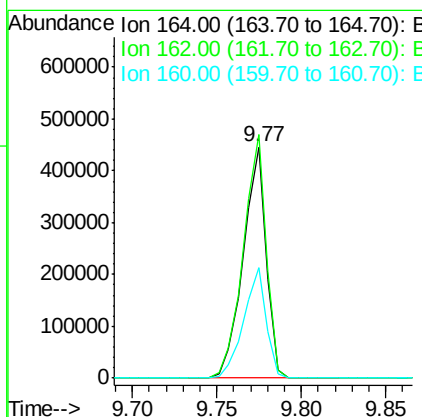
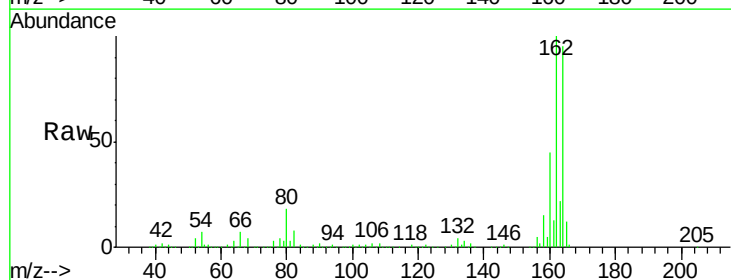
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SEDIMENT-PIT

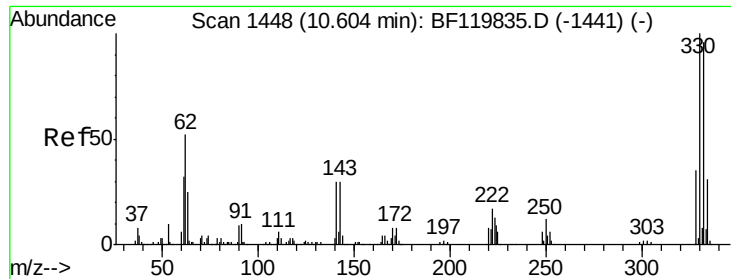
Tot Ion: 82 Resp: 1460478
Ion Ratio Lower Upper
82 100
128 48.3 36.2 54.4
54 58.1 50.4 75.6



#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

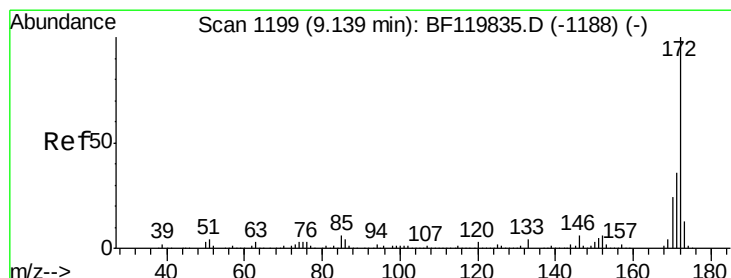
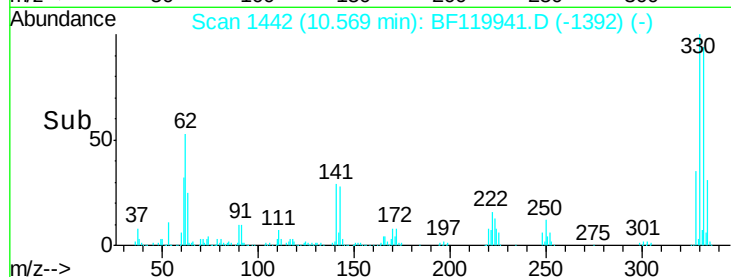
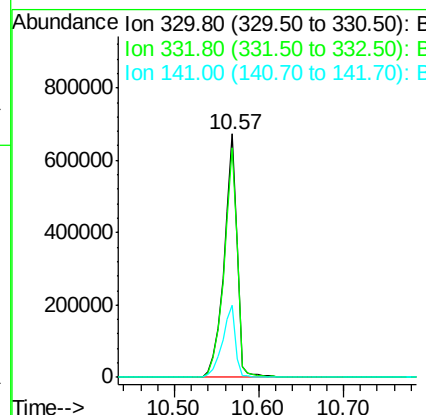
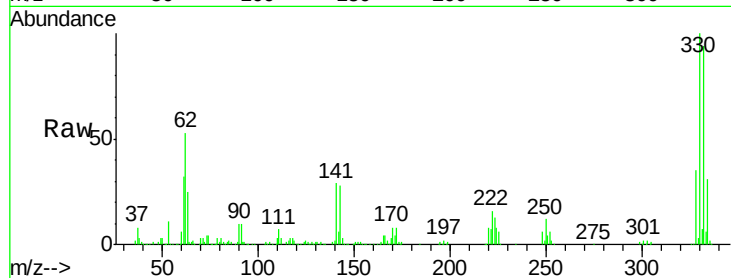




#42
 2,4,6-Tribromophenol
 Concen: 140.028 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119941.D
 Acq: 14 Apr 2020 7:59

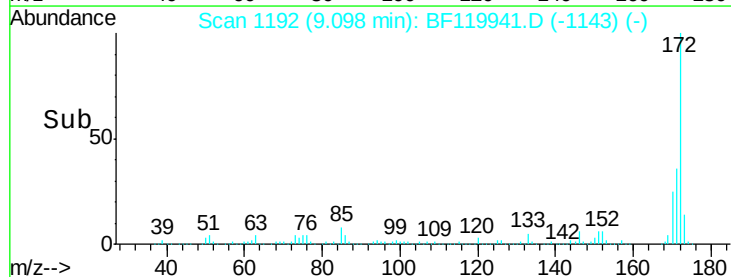
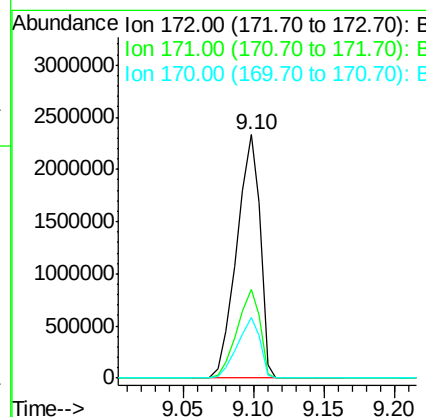
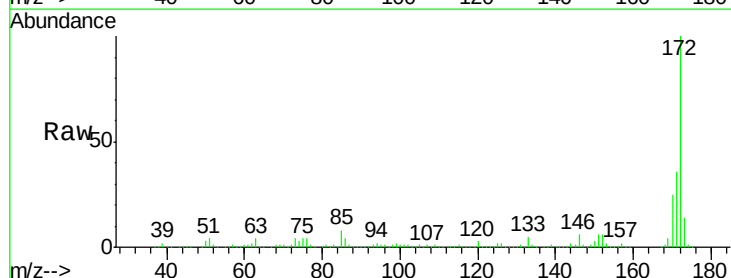
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

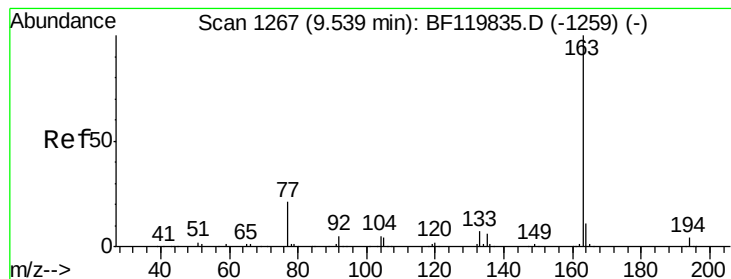
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	30.0	25.1	37.7



#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

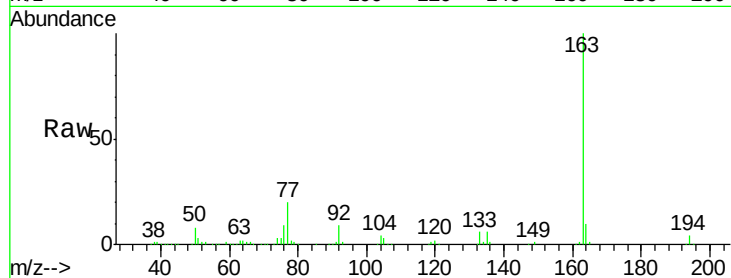
Tot Ion:163 Resp: 331306

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

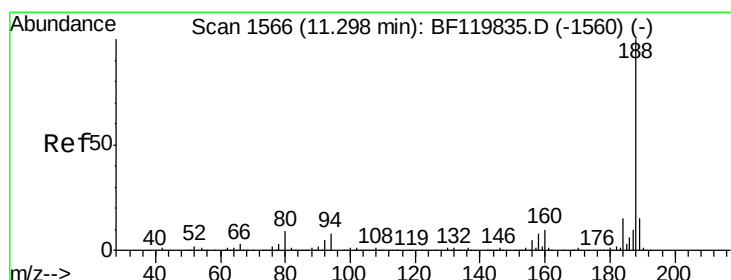
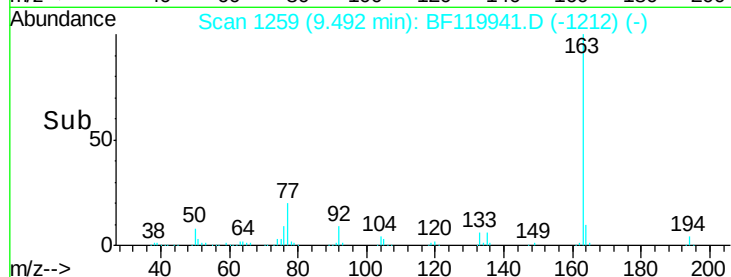
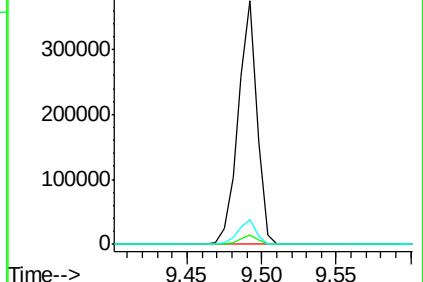
164 9.9 8.4 12.6



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: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

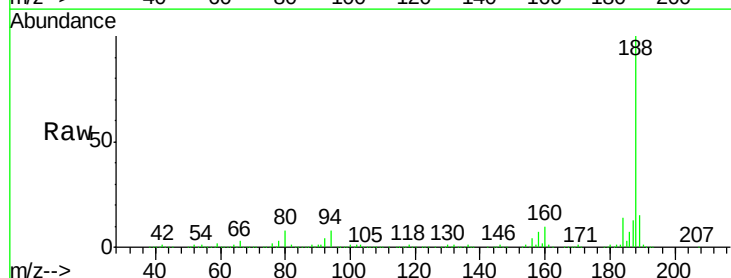
Tgt Ion:188 Resp: 865194

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

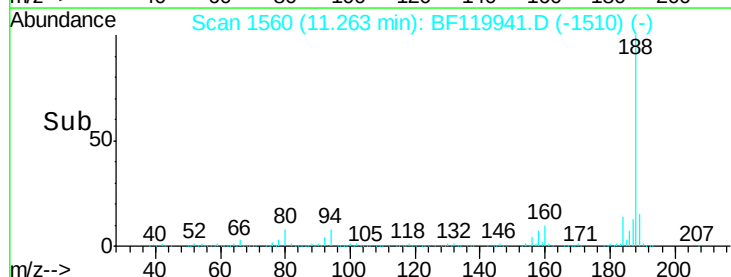
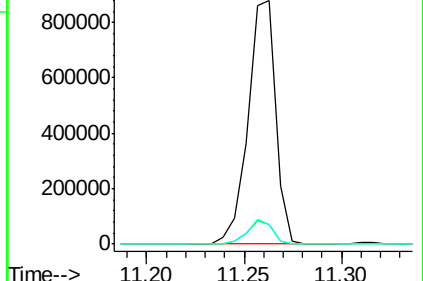
80 8.3 7.4 11.2

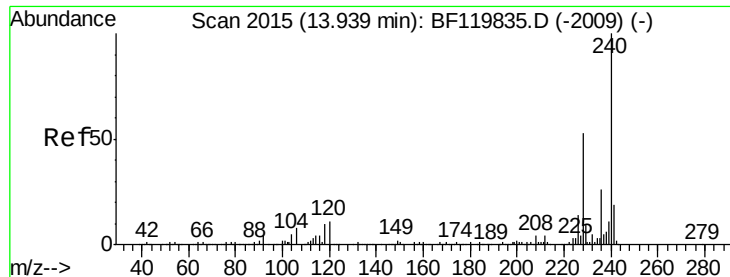


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Instrument :

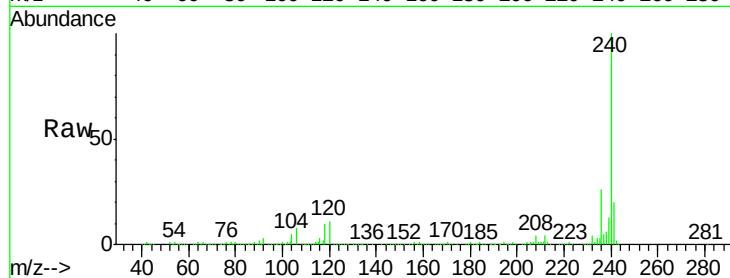
BNA_F

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

Tot Ion:240 Resp: 678487

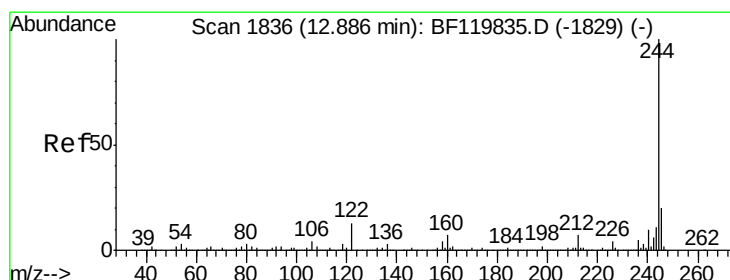
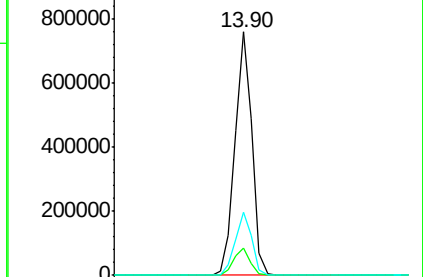
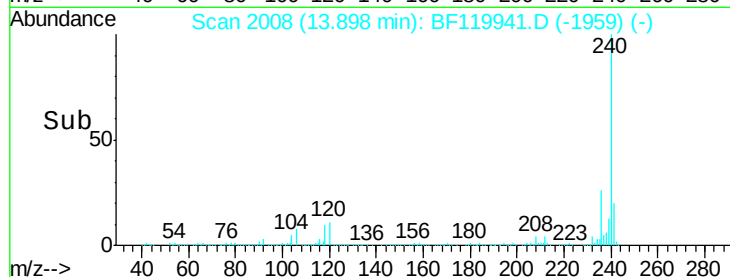
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	26.2	20.7	31.1



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

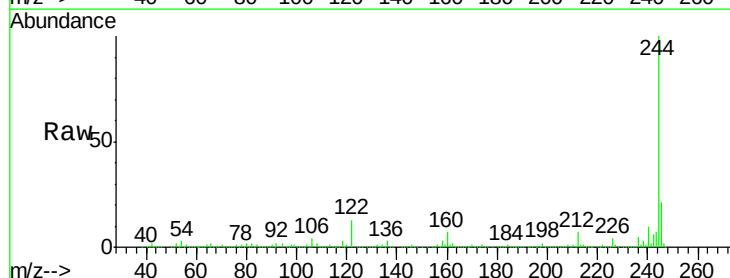
Delta R.T. -0.01 min

Lab File: BF119941.D

Acq: 14 Apr 2020 7:59

Tgt Ion:244 Resp: 3348209

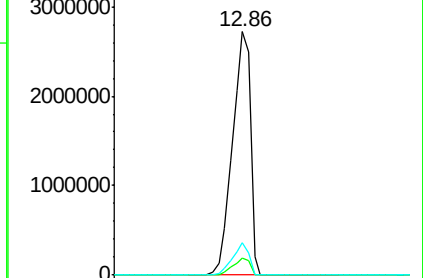
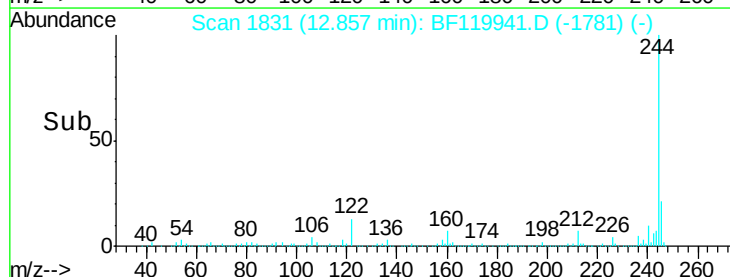
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.1	10.3	15.5

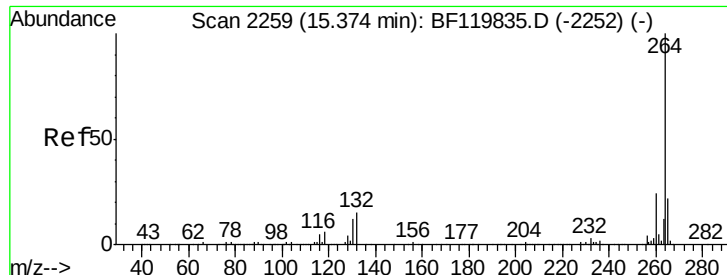


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

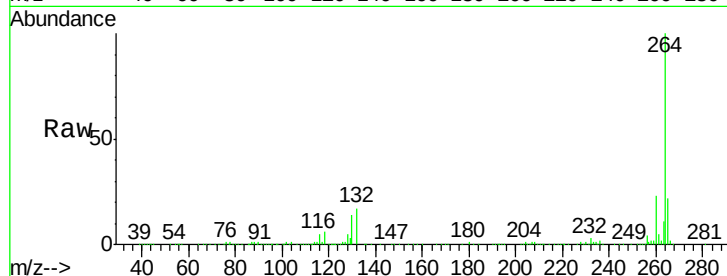




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119941.D
Acq: 14 Apr 2020 7:59

Instrument :
BNA_F
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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

