

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119940.D
 Acq On : 14 Apr 2020 7:32
 Operator : MA/SJ
 Sample : L2197-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH-PIT

Quant Time: Apr 14 09:01:27 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

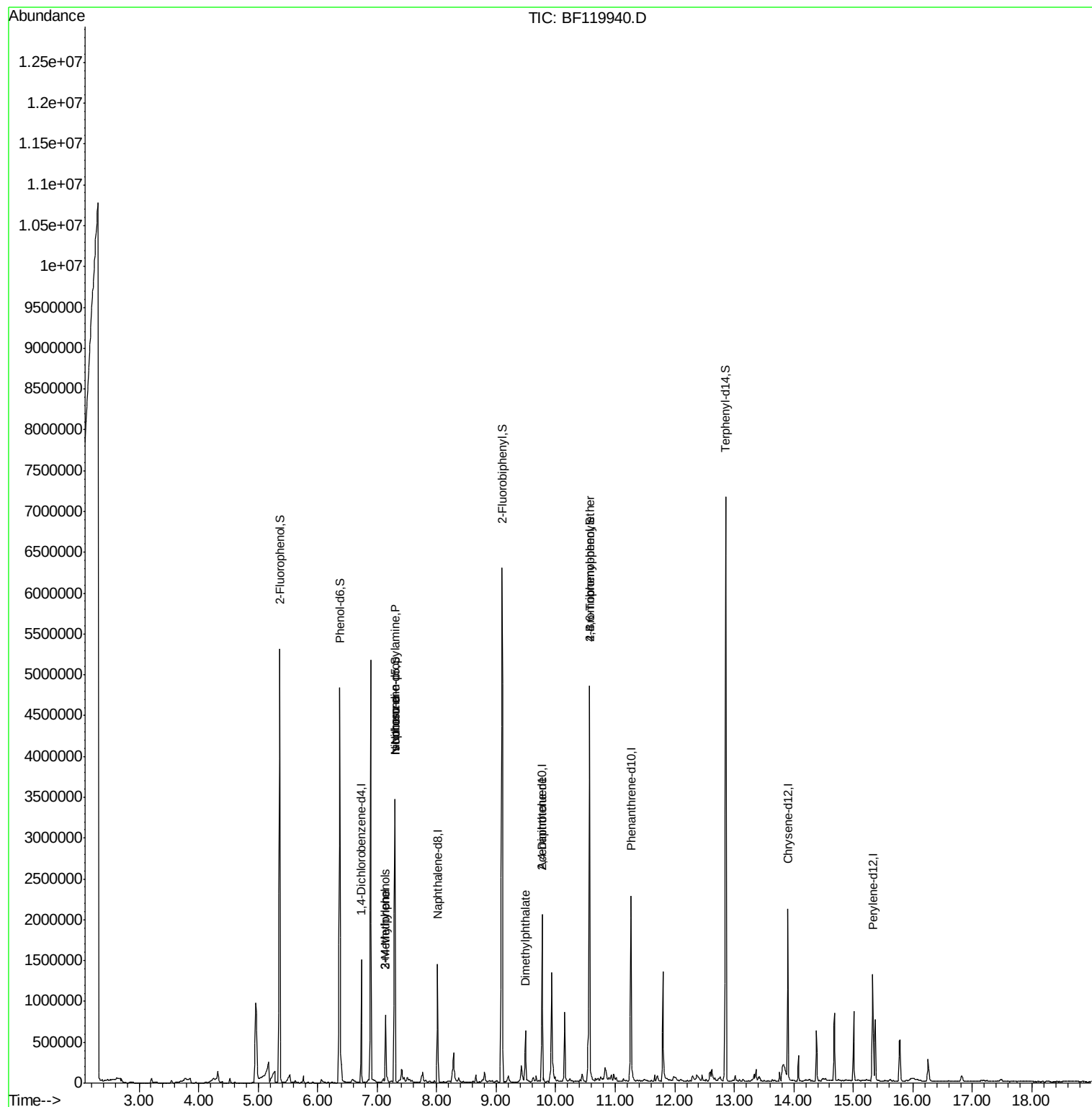
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	213912	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	847820	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	454024	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	896108	20.00	ng	0.00
76) Chrysene-d12	13.90	240	701509	20.00	ng	-0.01
87) Perylene-d12	15.32	264	607459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1688643	136.42	ng	0.02
7) Phenol-d6	6.37	99	1920927	120.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1465319	89.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	724521	130.34	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2759794	86.30	ng	-0.01
79) Terphenyl-d14	12.86	244	3251803	78.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	613	Below Cal		Qvalue
17) 2-Methylphenol	7.14	107	256823	20.808 ng	#	77
19) n-Nitroso-di-n-propylamine	7.30	70	193601	18.876 ng	#	75
20) 3+4-Methylphenols	7.14	107	256823	17.014 ng	#	61
25) Isophorone	7.30	82	1461890	46.275 ng	#	65
50) Dimethylphthalate	9.49	163	254991	7.261 ng		98
57) 2,4-Dinitrotoluene	9.77	165	57442	5.669 ng	#	23
67) 4-Bromophenyl-phenylether	10.57	248	41987	3.768 ng	#	1

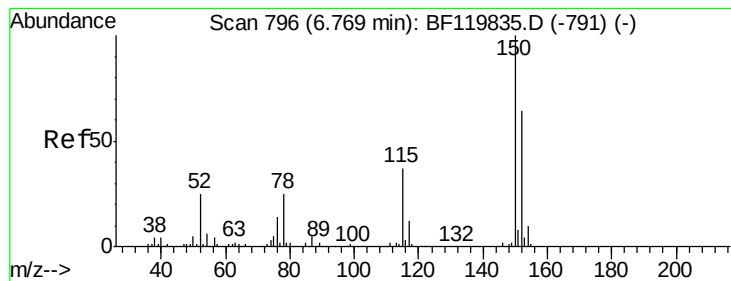
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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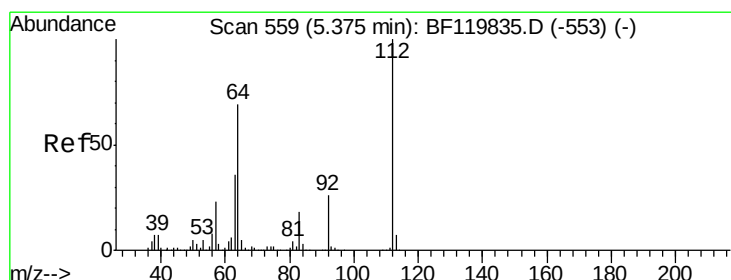
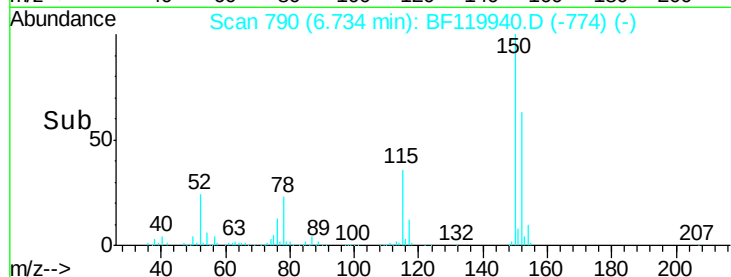
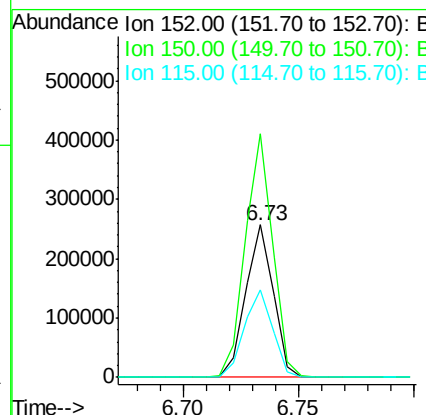
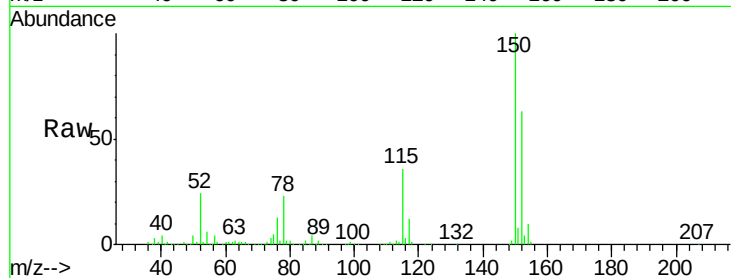


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH-PIT

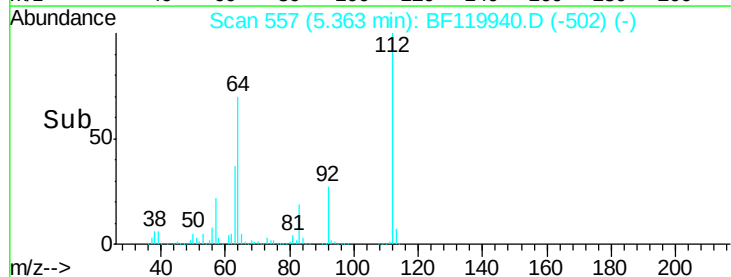
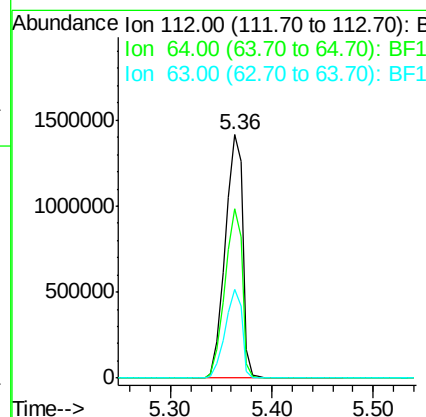
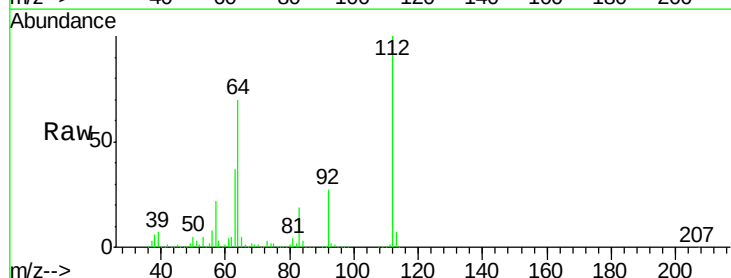
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.8	187.2
115	57.3	46.5	69.7

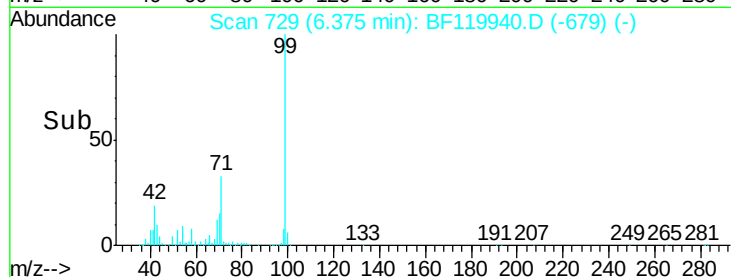
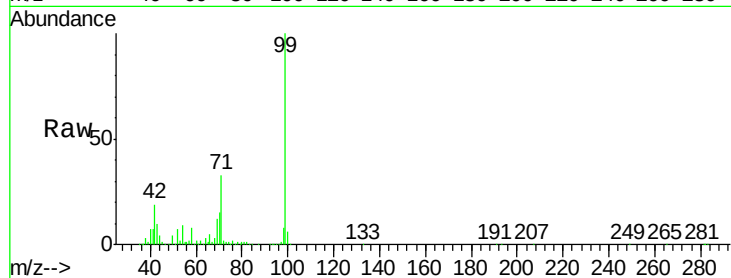
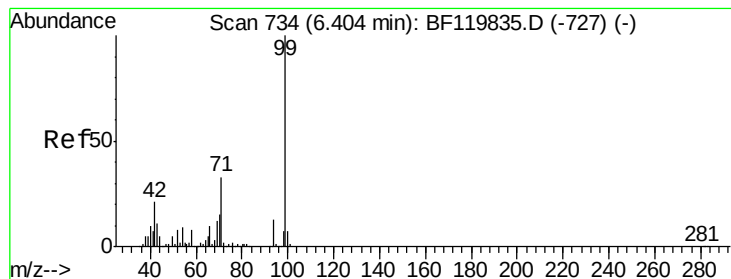


#5

2-Fluorophenol
 Concen: 136.425 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.5	83.3
63	36.6	29.1	43.7





#7

Phenol-d6

Concen: 120.438 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119940.D

Acq: 14 Apr 2020 7:32

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH-PIT

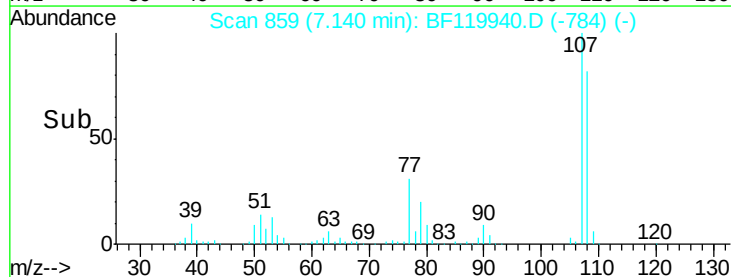
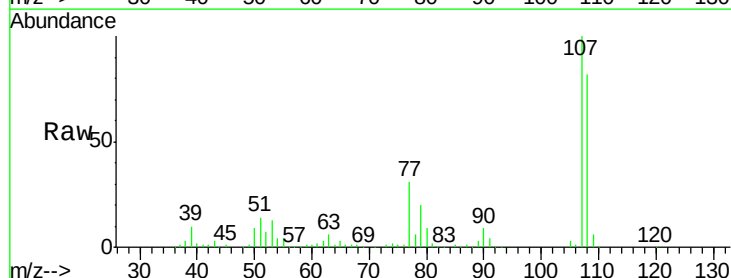
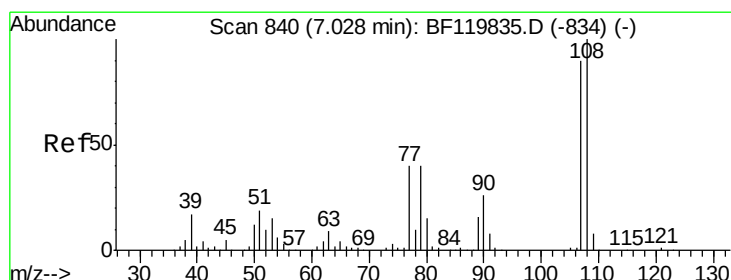
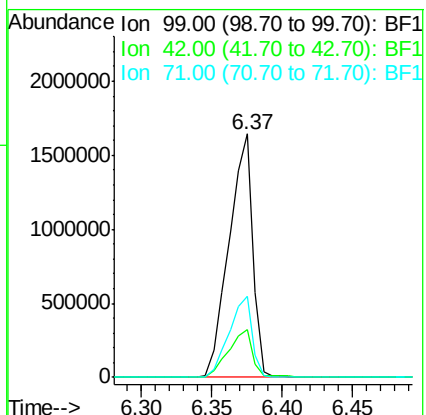
Tot Ion: 99 Resp: 1920927

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 33.4 26.3 39.5



#17

2-Methylphenol

Concen: 20.808 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.14 min

Lab File: BF119940.D

Acq: 14 Apr 2020 7:32

Tgt Ion:107 Resp: 256823

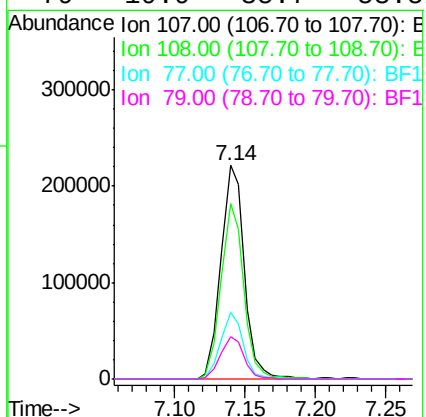
Ion Ratio Lower Upper

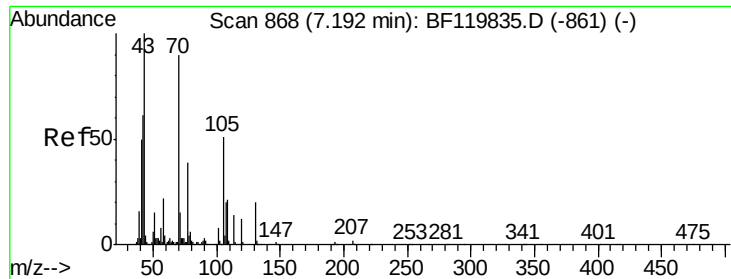
107 100

108 82.4 88.8 133.2#

77 31.4 36.0 54.0#

79 19.9 35.7 53.5#

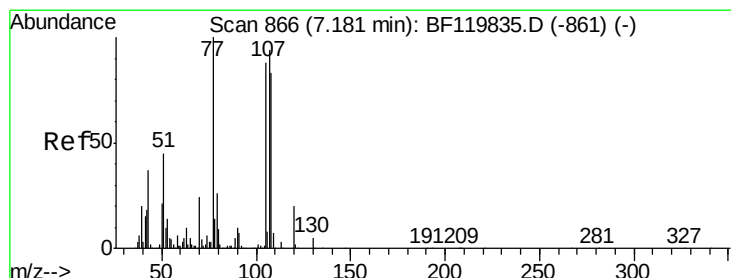
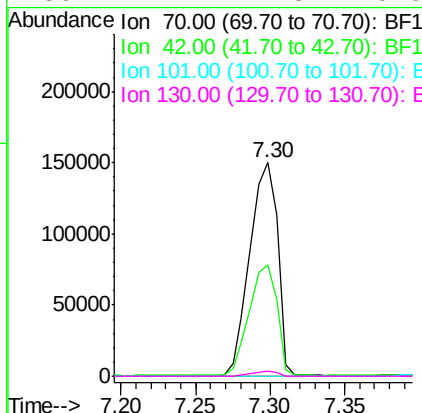
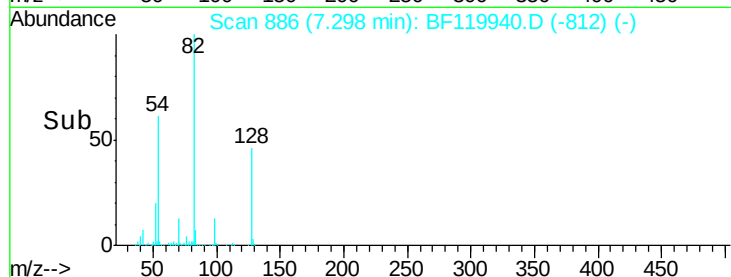
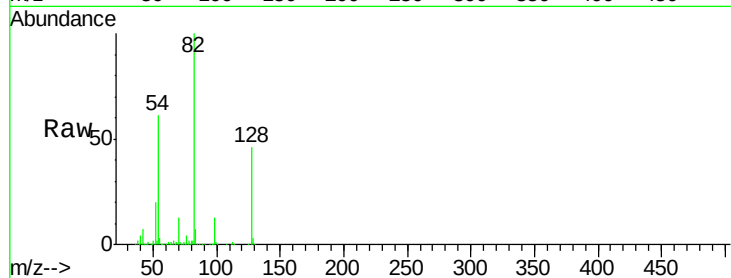




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.876 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.14 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

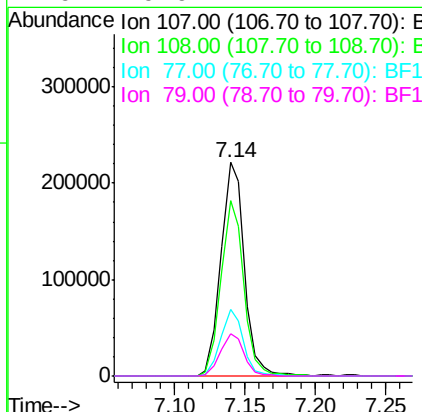
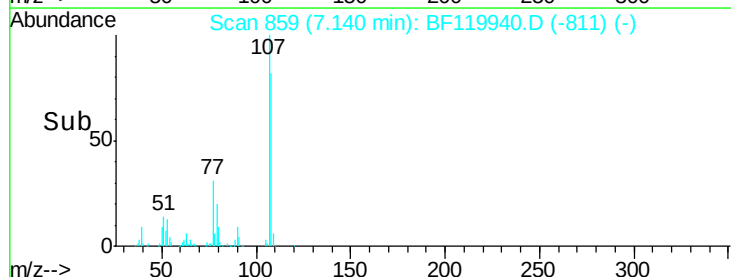
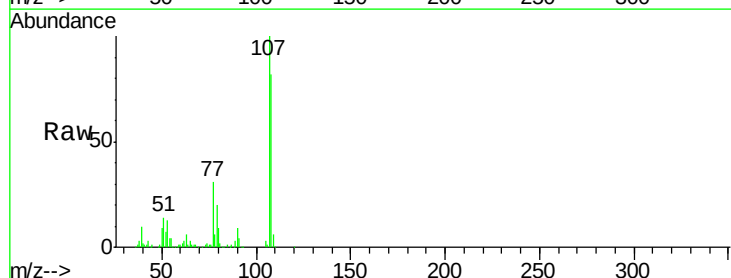
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH-PIT

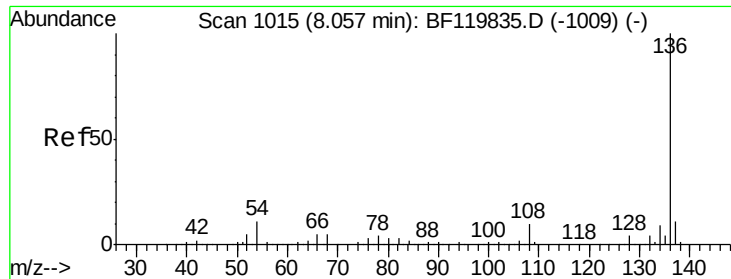
Tot Ion: 70 Resp: 193601
 Ion Ratio Lower Upper
 70 100
 42 51.9 54.2 81.4#
 101 0.0 7.4 11.2#
 130 2.4 17.8 26.6#



#20
 3+4-Methylphenols
 Concen: 17.014 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

Tgt Ion: 107 Resp: 256823
 Ion Ratio Lower Upper
 107 100
 108 82.4 68.2 108.2
 77 31.4 86.6 126.6#
 79 19.9 7.7 47.7

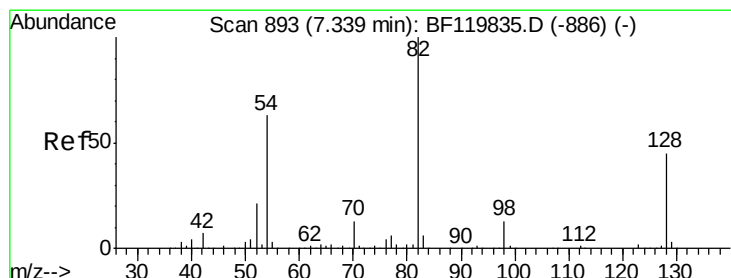
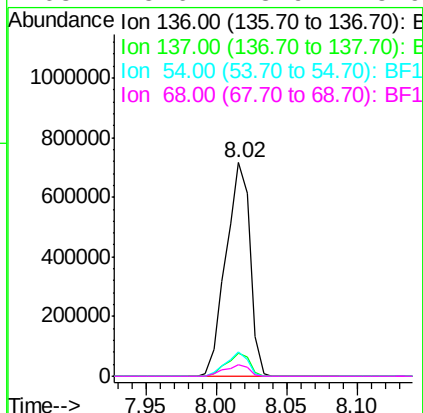
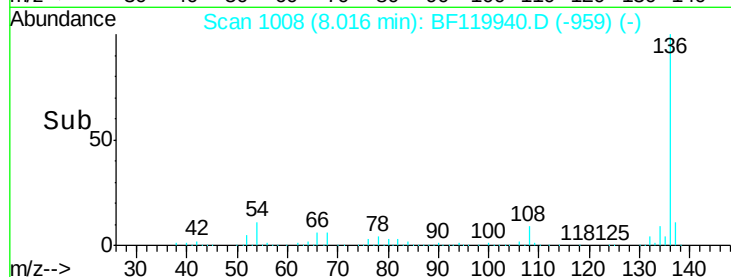
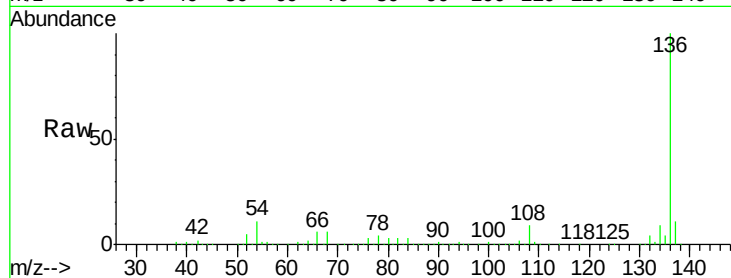




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119940.D
Acq: 14 Apr 2020 7:32

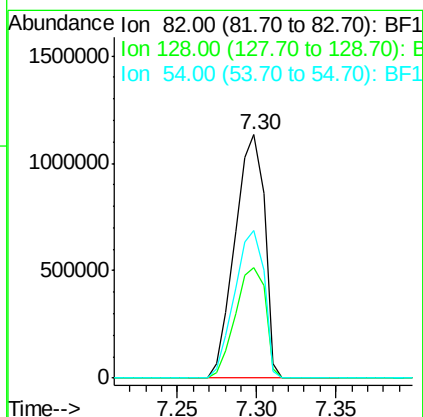
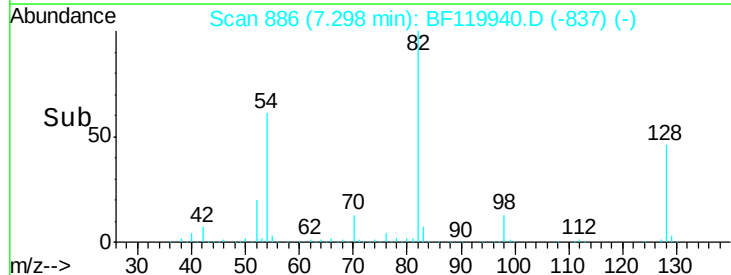
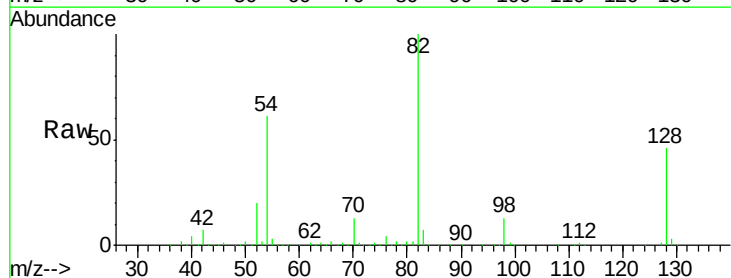
Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH-PIT

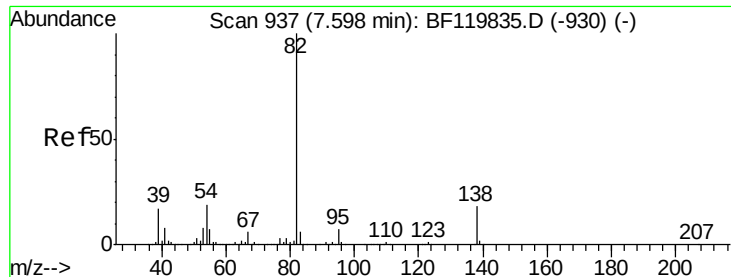
Tot Ion:136 Resp: 847820
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.2 8.5 12.7
68 5.6 3.9 5.9



#23
Nitrobenzene-d5
Concen: 89.413 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119940.D
Acq: 14 Apr 2020 7:32

Tgt Ion: 82 Resp: 1465319
Ion Ratio Lower Upper
82 100
128 45.6 36.2 54.4
54 60.8 50.4 75.6





#25

Isophorone

Concen: 46.275 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119940.D

Acq: 14 Apr 2020 7:32

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH-PIT

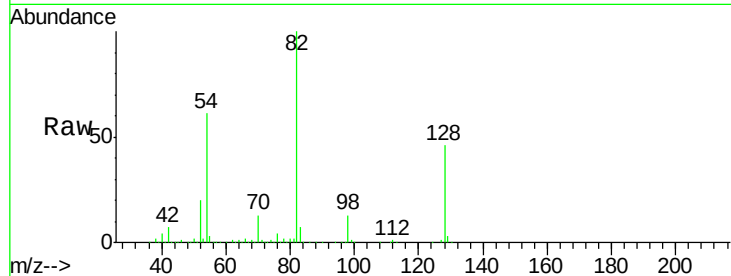
Tot Ion: 82 Resp: 1461890

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

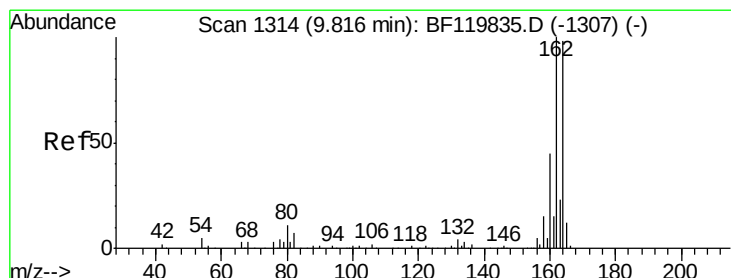
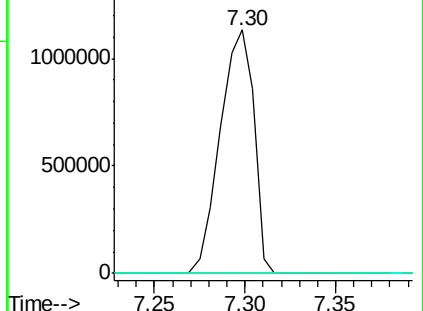
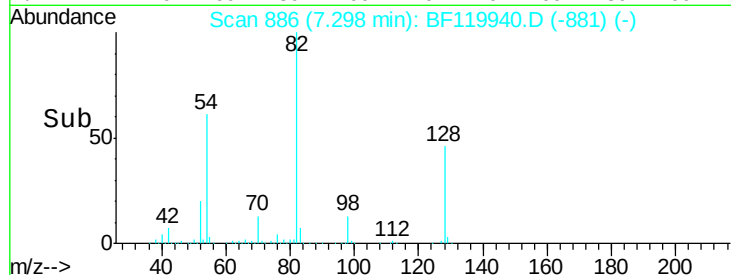
138 0.0 14.5 21.7#



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: BF119940.D

Acq: 14 Apr 2020 7:32

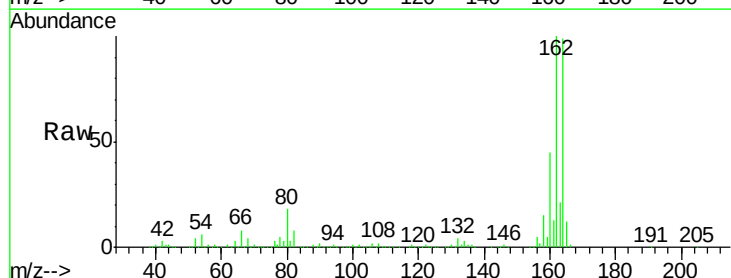
Tgt Ion:164 Resp: 454024

Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

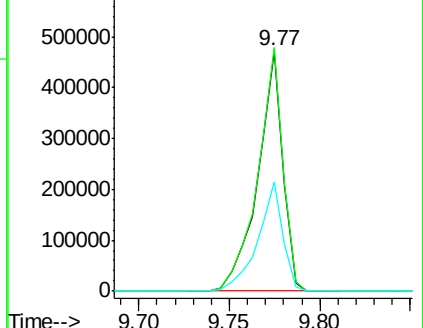
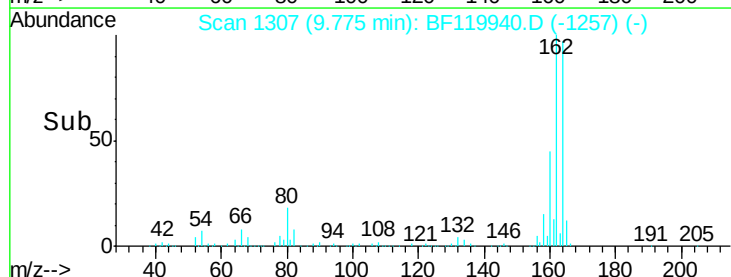
160 45.3 36.6 54.8

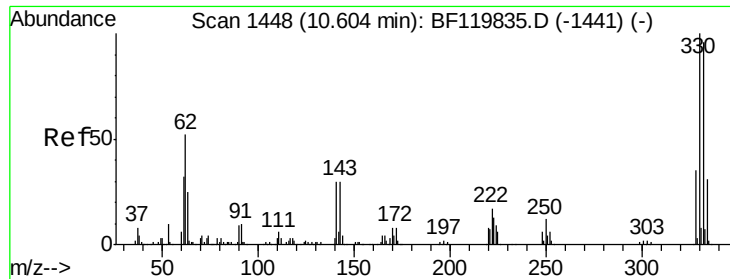


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

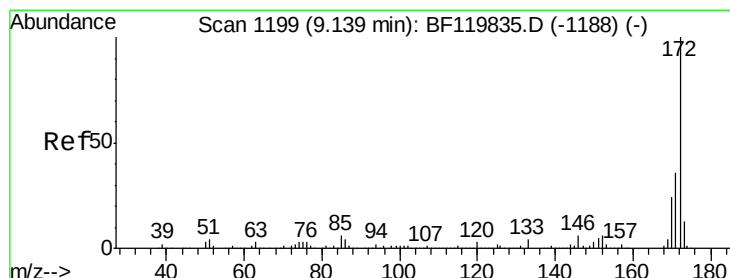
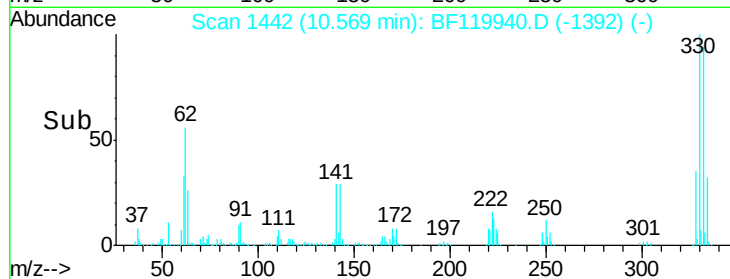
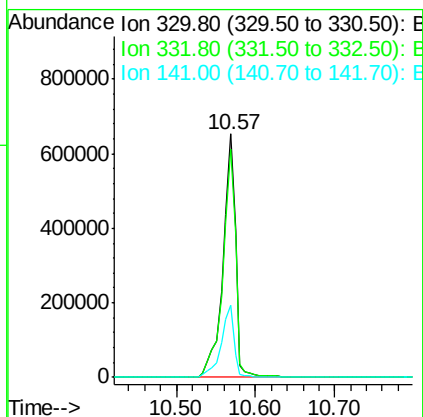
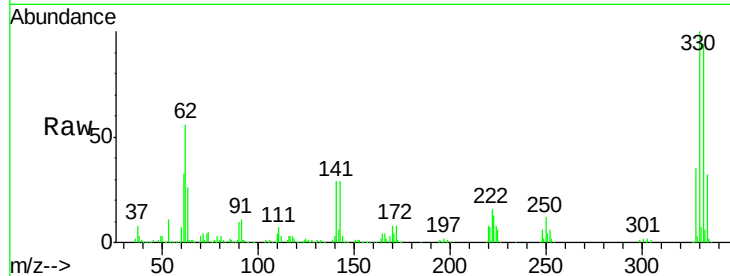




#42
 2,4,6-Tribromophenol
 Concen: 130.338 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

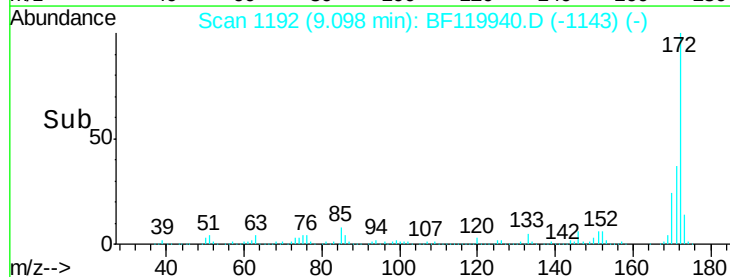
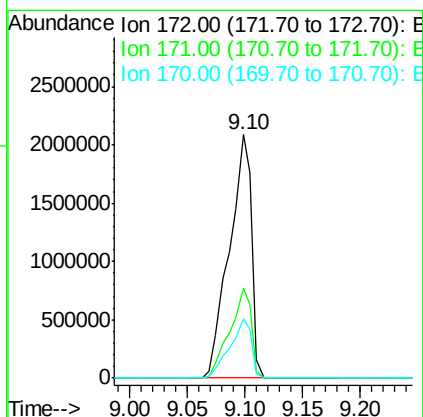
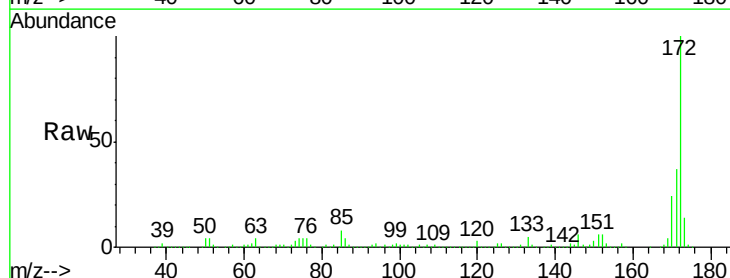
Instrument :
 BNA_F
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 CHASSIE-WASH-PIT

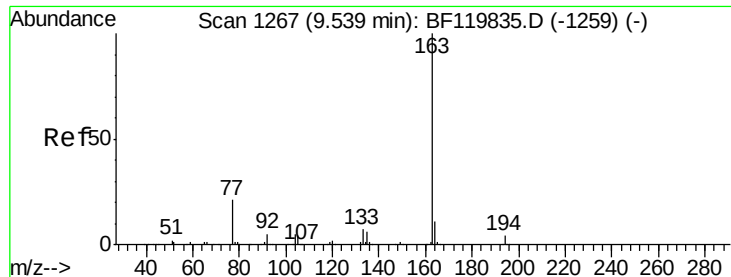
Tot Ion:330 Resp: 724521
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 29.9 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 86.302 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

Tgt Ion:172 Resp: 2759794
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.2 19.4 29.2





#50

Dimethylphthalate

Concen: 7.261 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119940.D

Acq: 14 Apr 2020 7:32

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH-PIT

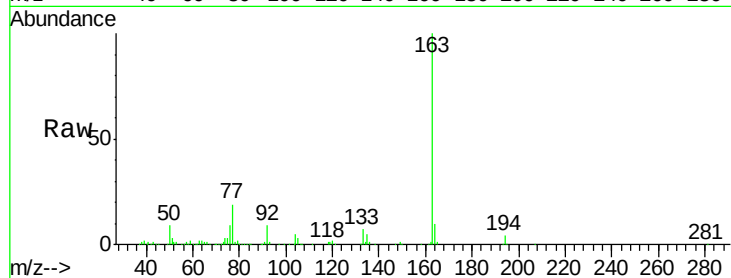
Tot Ion:163 Resp: 254991

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

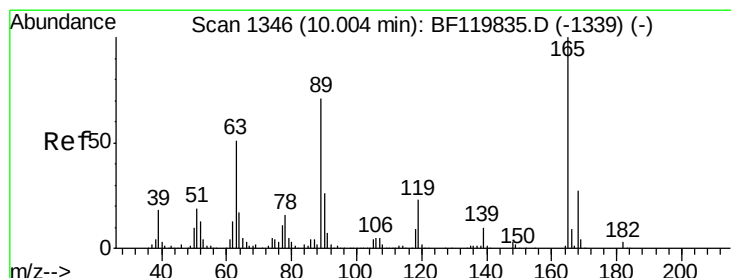
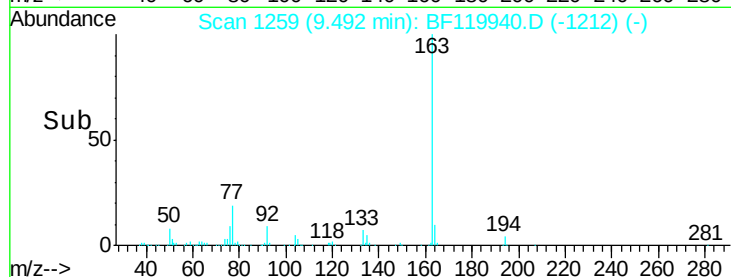
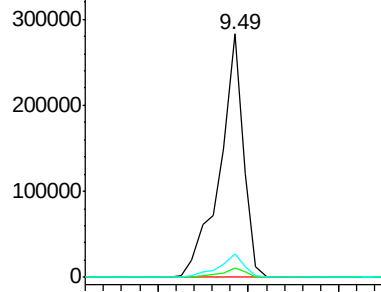
164 9.6 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.669 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119940.D

Acq: 14 Apr 2020 7:32

Tgt Ion:165 Resp: 57442

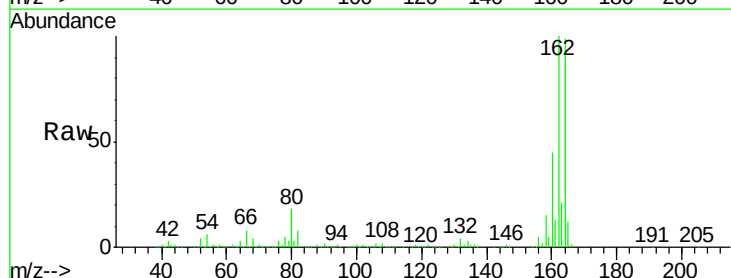
Ion Ratio Lower Upper

165 100

63 1.7 40.8 61.2#

89 1.3 56.9 85.3#

182 0.0 2.0 3.0#

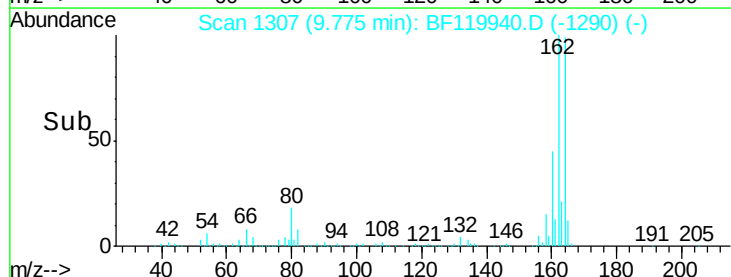
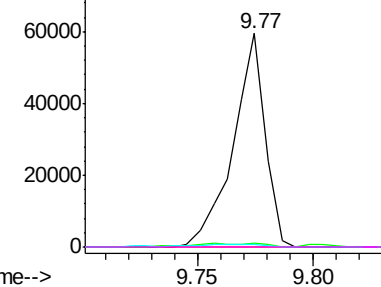


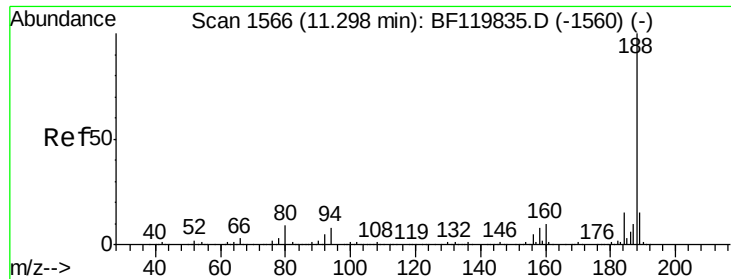
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

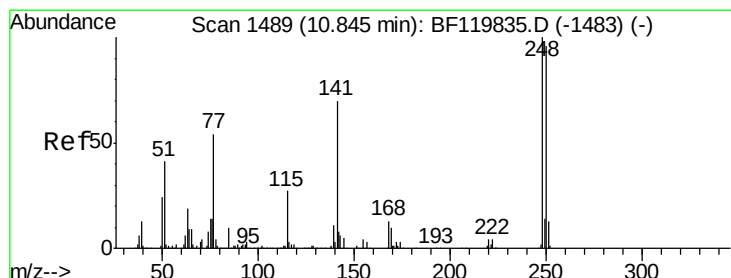
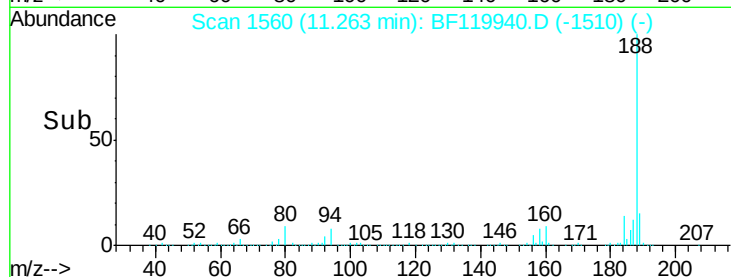
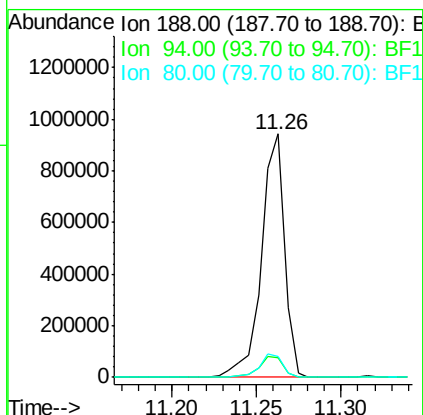
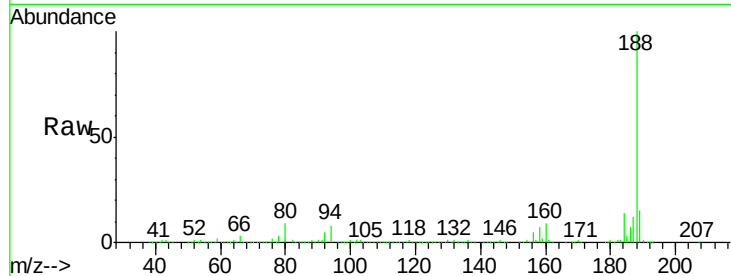




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

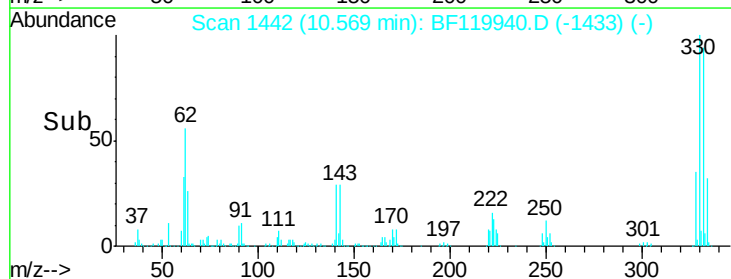
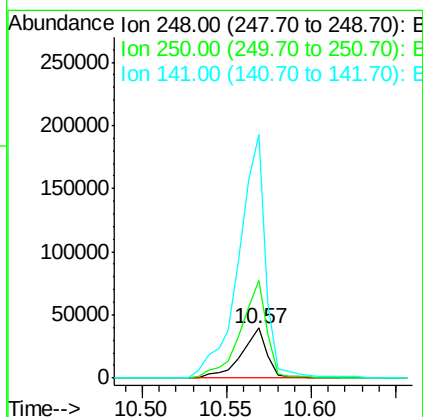
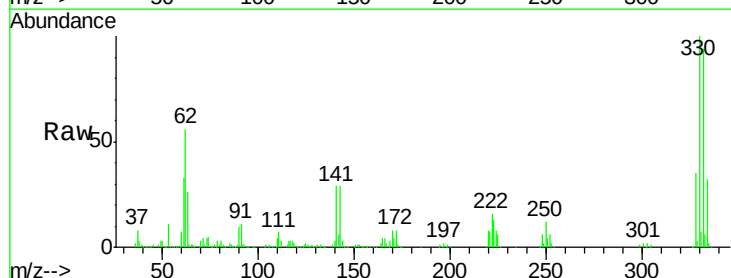
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH-PIT

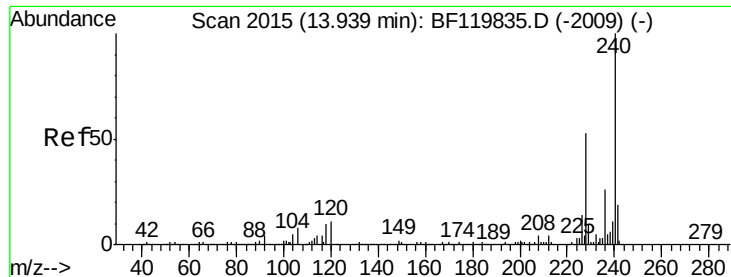
Tot Ion:188 Resp: 896108
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 8.6 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.768 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

Tgt Ion:248 Resp: 41987
 Ion Ratio Lower Upper
 248 100
 250 196.5 76.6 114.8#
 141 489.3 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: BF119940.D

Acq: 14 Apr 2020 7:32

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH-PIT

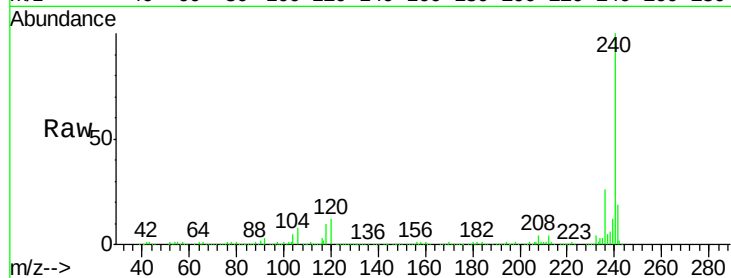
Tot Ion:240 Resp: 701509

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

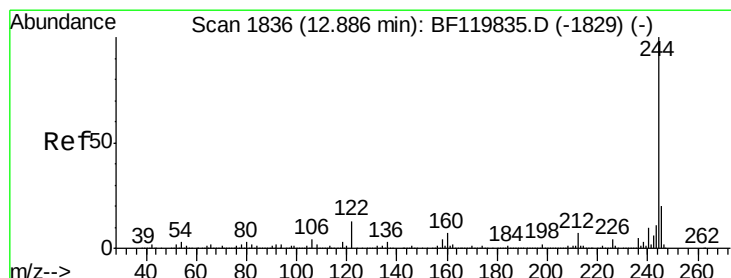
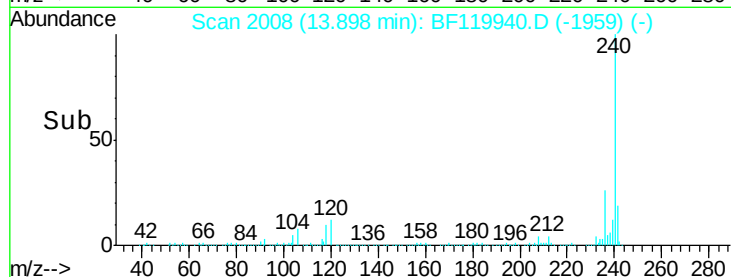
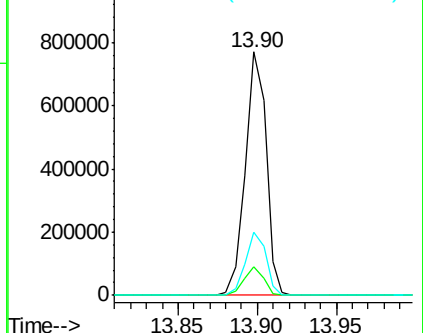
236 25.9 20.7 31.1



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: 77.998 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119940.D

Acq: 14 Apr 2020 7:32

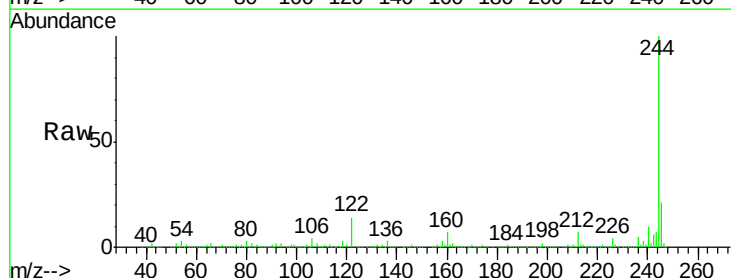
Tgt Ion:244 Resp: 3251803

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

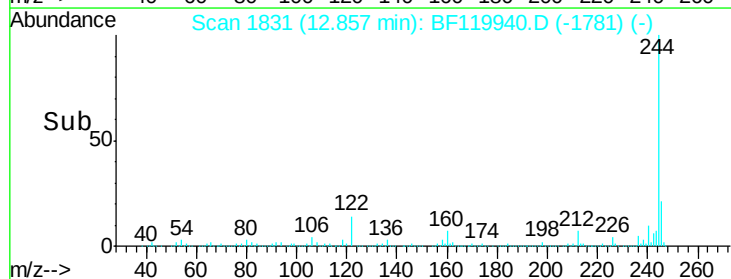
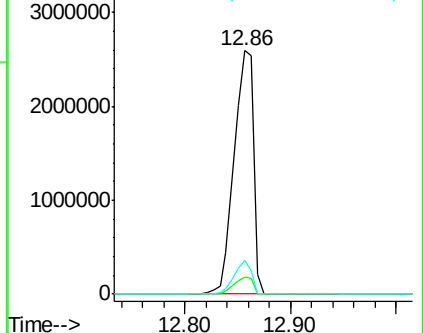
122 13.8 10.3 15.5

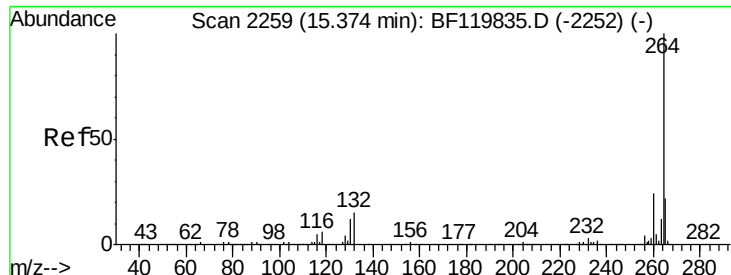


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

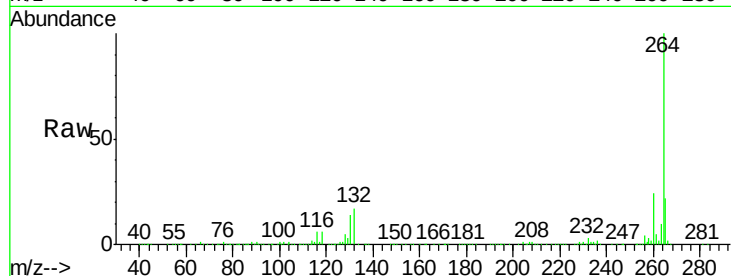




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119940.D
 Acq: 14 Apr 2020 7:32

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH-PIT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.3	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

