

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117761.D
 Acq On : 12 Nov 2019 16:02
 Operator : JU
 Sample : K5786-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-CONTAMINATED-SAMPLE

Quant Time: Nov 12 16:33:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

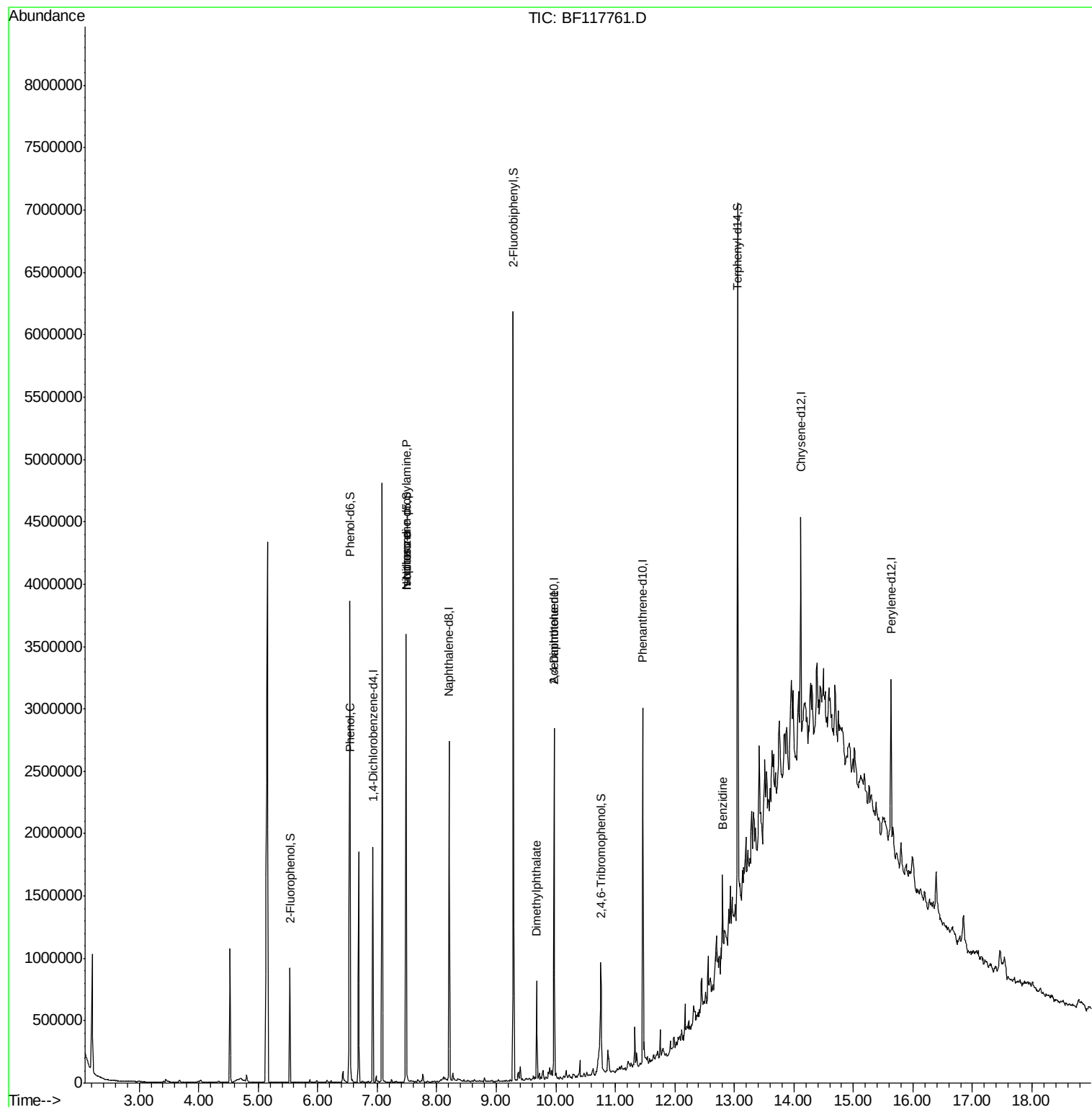
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	289048	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1125840	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	582880	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1006033	20.00	ng	0.00
76) Chrysene-d12	14.12	240	560970	20.00	ng	0.00
87) Perylene-d12	15.63	264	683801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	243114	15.22	ng	0.00
7) Phenol-d6	6.54	99	1329778	67.54	ng	0.00
23) Nitrobenzene-d5	7.49	82	1089094	57.11	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	56589	9.92	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2030770	68.74	ng	0.00
79) Terphenyl-d14	13.06	244	1850256	67.90	ng	0.00
Target Compounds						
10) Phenol	6.55	94	83130	3.918	ng	98
19) n-Nitroso-di-n-propylamine	7.49	70	171271	13.230	ng	# 77
25) Isophorone	7.49	82	1086877	29.800	ng	# 63
50) Dimethylphthalate	9.68	163	278635	7.071	ng	98
57) 2,4-Dinitrotoluene	9.97	165	77344	6.833	ng	# 24
77) Benzidine	12.80	184	200919	10.302	ng	99

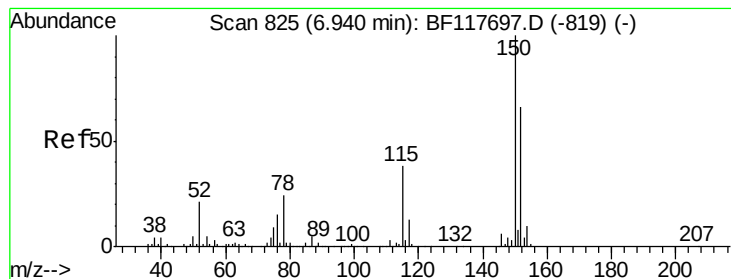
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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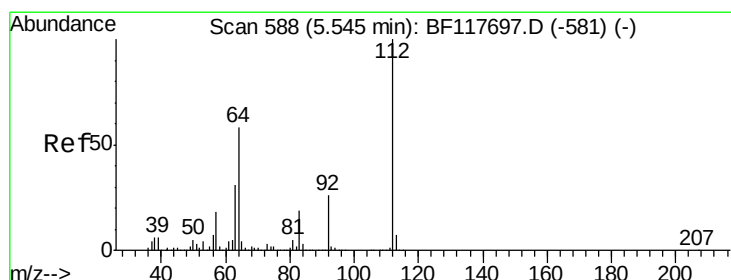
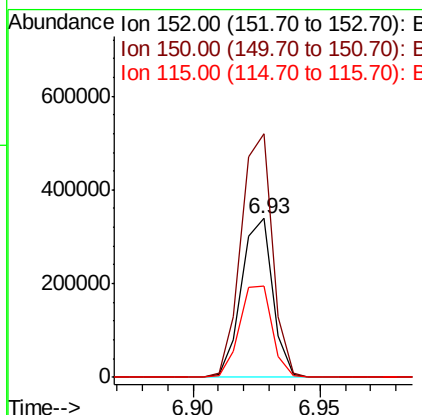
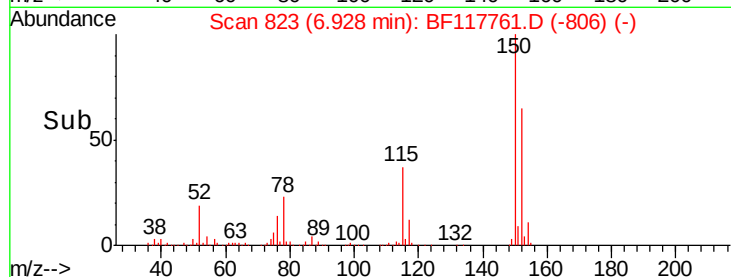
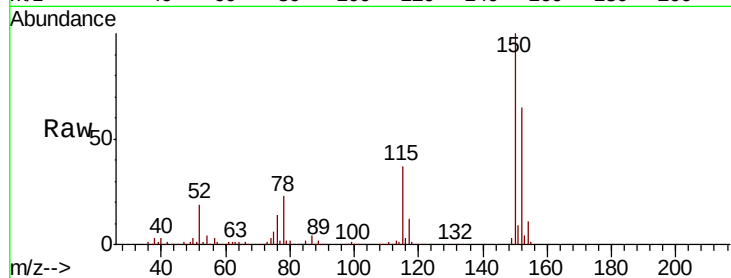


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Instrument :
BNA_F
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

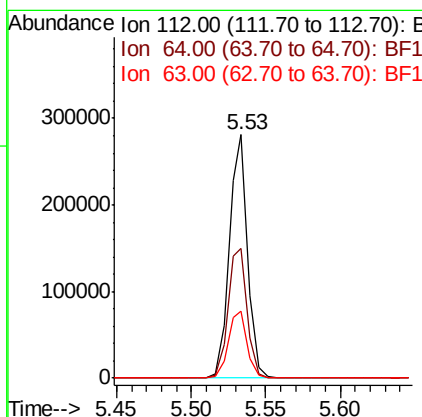
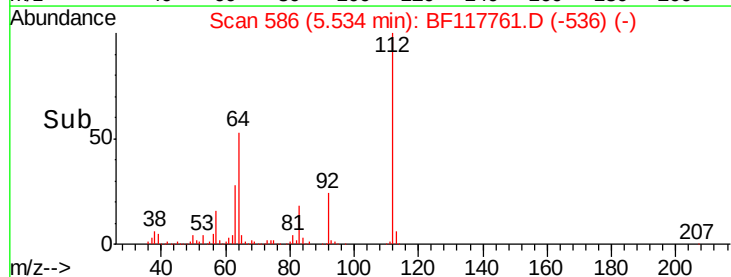
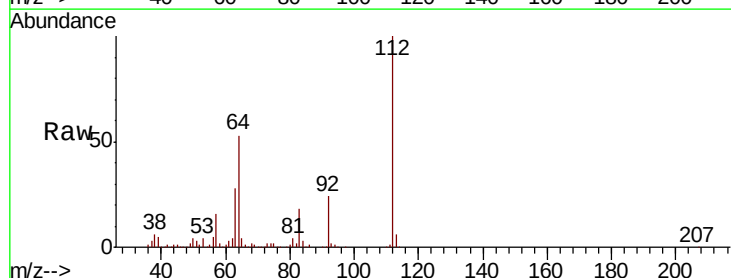
Tot Ion:152 Resp: 289048
Ion Ratio Lower Upper
152 100
150 153.1 126.6 190.0
115 57.2 47.6 71.4

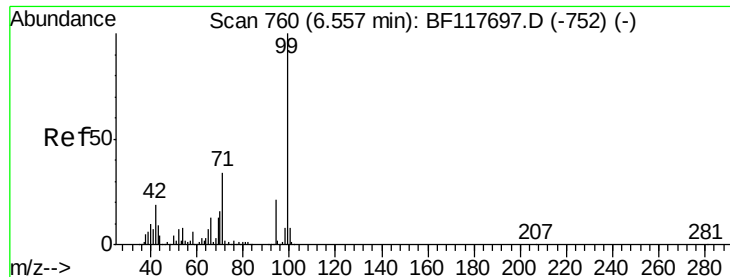


#5

2-Fluorophenol
Concen: 15.225 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Tgt Ion:112 Resp: 243114
Ion Ratio Lower Upper
112 100
64 53.4 43.5 65.3
63 27.5 23.5 35.3





#7

Phenol-d6

Concen: 67.538 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117761.D

Acq: 12 Nov 2019 16:02

Instrument :

BNA_F

ClientSampleId :

OIL-CONTAMINATED-SAMPLE

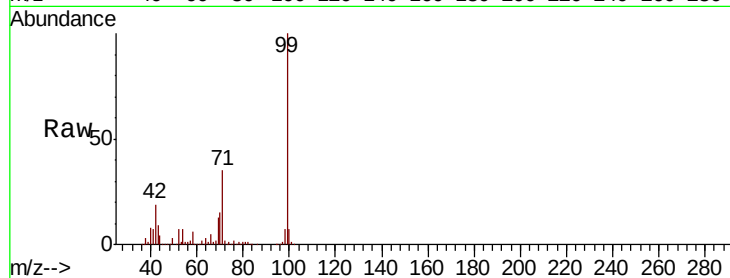
Tot Ion: 99 Resp: 1329778

Ion Ratio Lower Upper

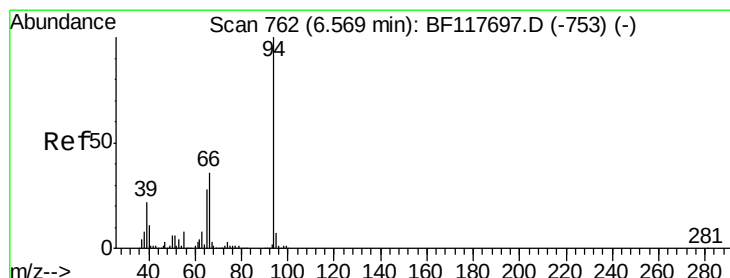
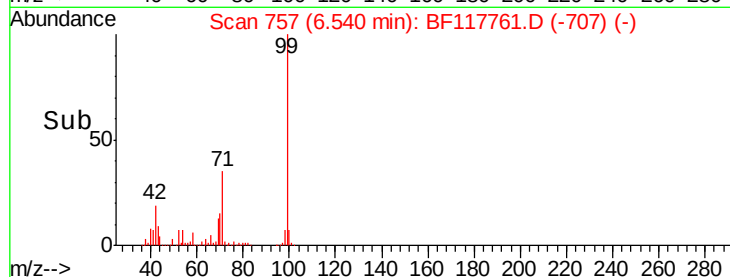
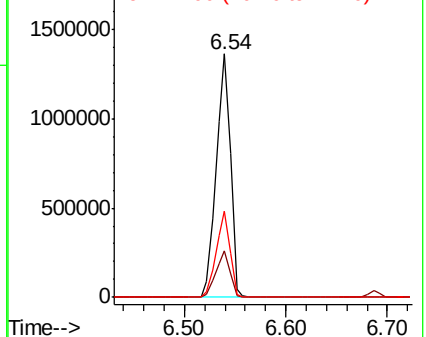
99 100

42 18.9 15.3 22.9

71 35.3 28.2 42.2



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: 3.918 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117761.D

Acq: 12 Nov 2019 16:02

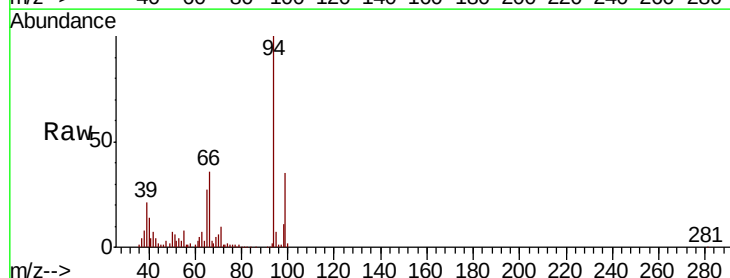
Tgt Ion: 94 Resp: 83130

Ion Ratio Lower Upper

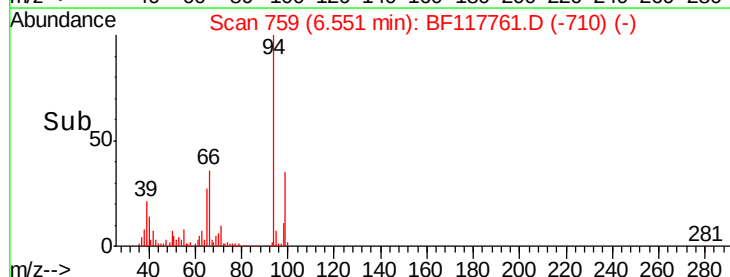
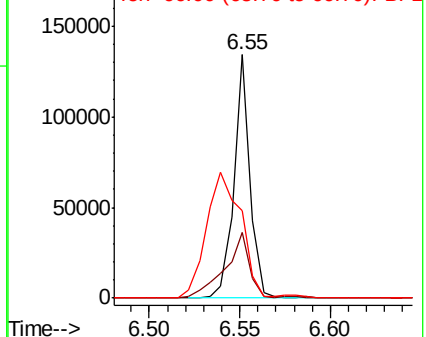
94 100

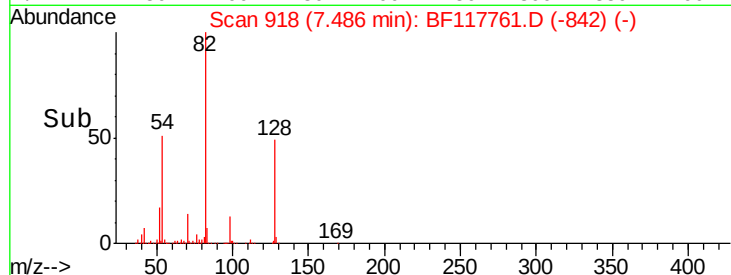
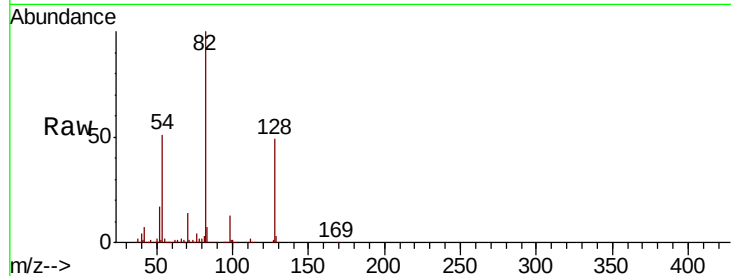
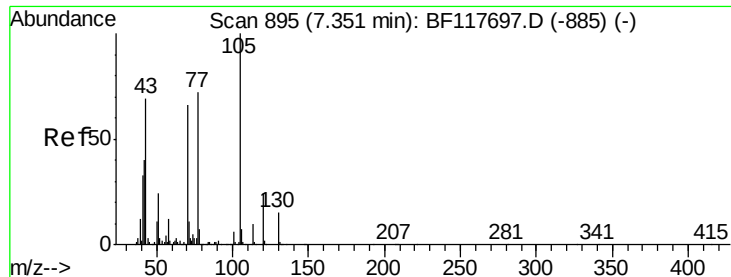
65 26.9 6.4 46.4

66 36.1 14.9 54.9



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

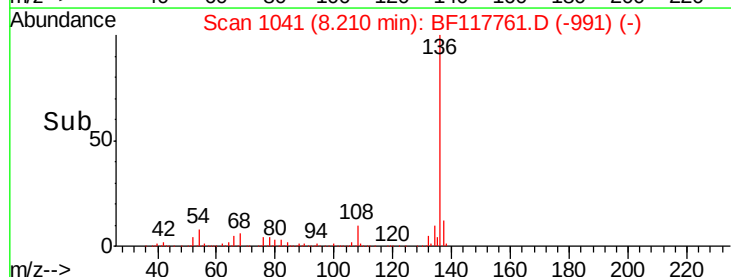
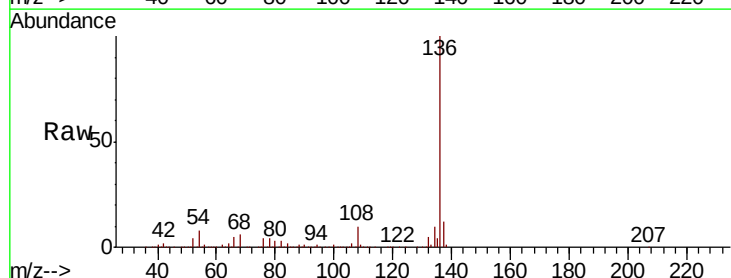
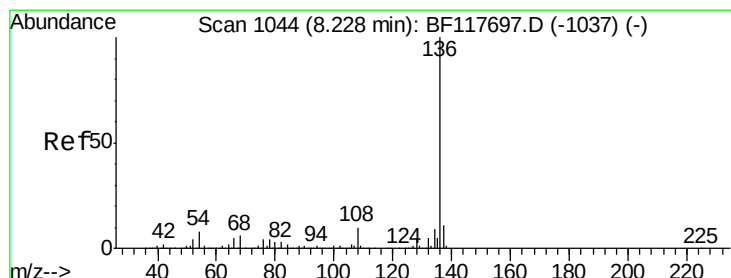
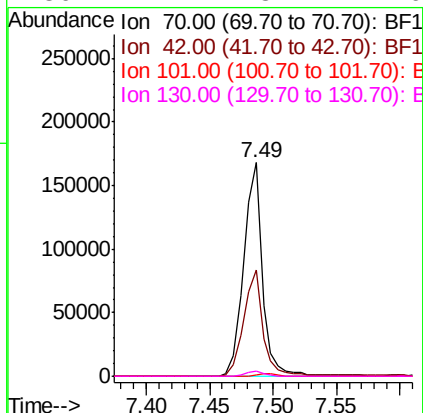




#19
n-Nitroso-di-n-propylamine
Concen: 13.230 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

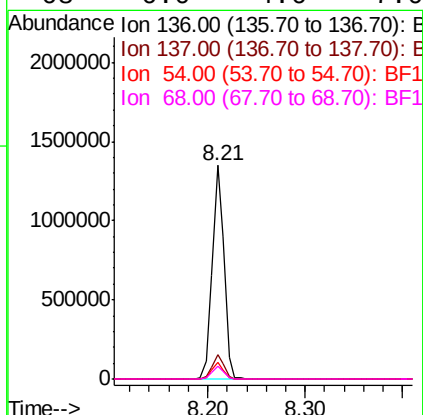
Instrument :
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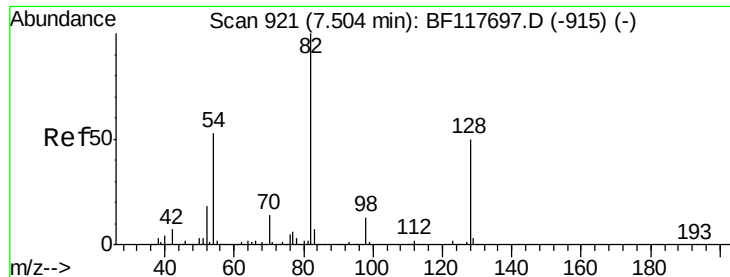
Tot Ion: 70 Resp: 171271
Ion Ratio Lower Upper
70 100
42 49.8 48.7 73.1
101 0.6 8.4 12.6#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Tgt Ion: 136 Resp: 1125840
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 7.9 6.1 9.1
68 6.0 4.6 7.0

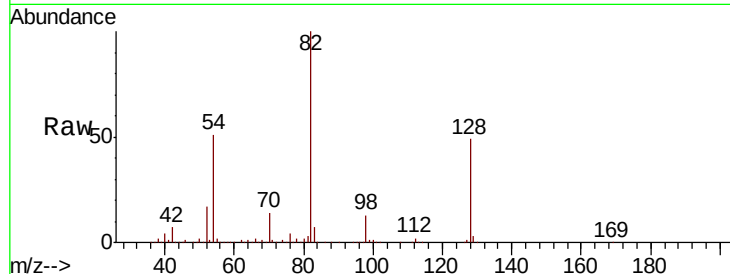




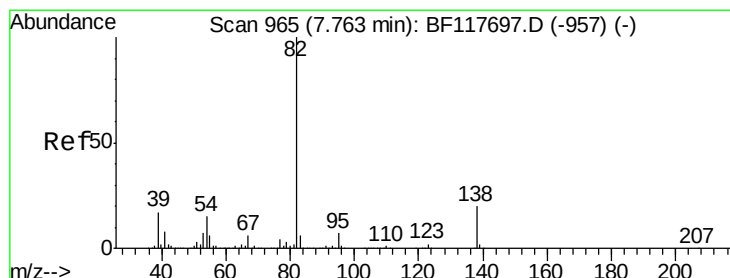
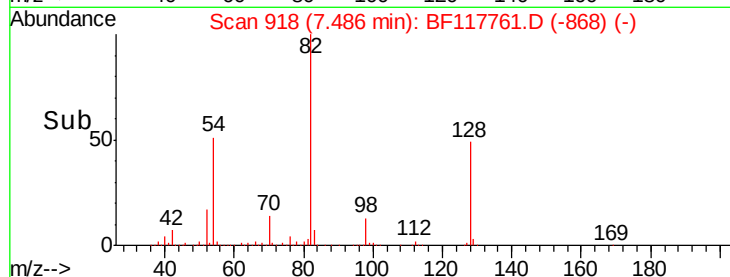
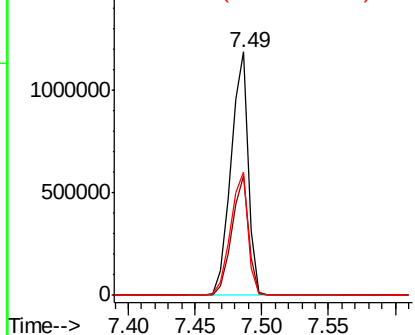
#23
Nitrobenzene-d5
Concen: 57.112 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Instrument :
BNA_F
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

Tot Ion: 82 Resp: 1089094
Ion Ratio Lower Upper
82 100
128 49.2 38.7 58.1
54 50.5 41.4 62.2

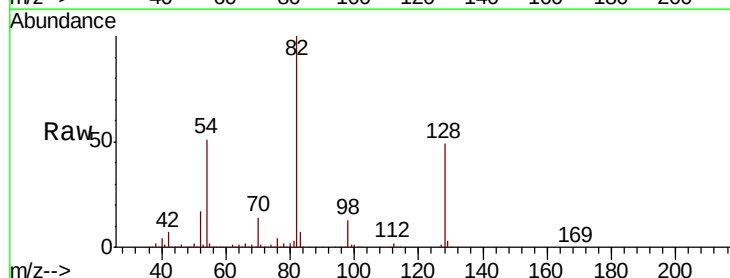


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

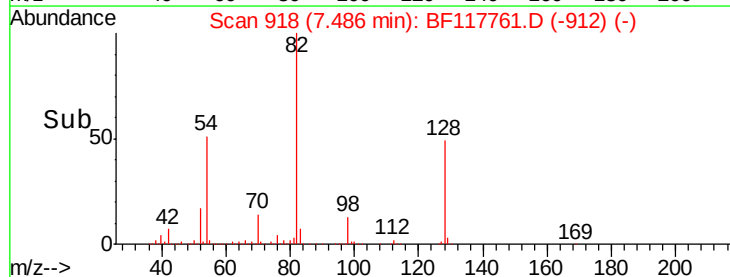
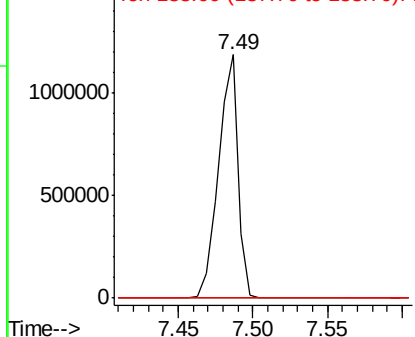


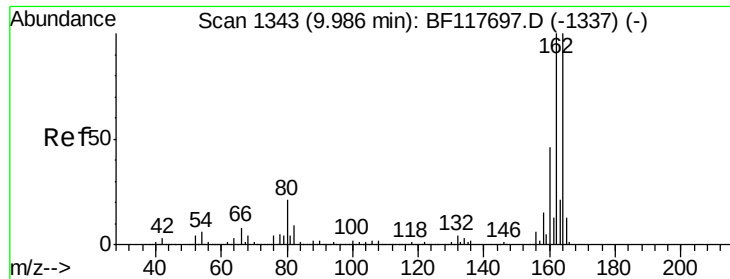
#25
Isophorone
Concen: 29.800 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Tgt Ion: 82 Resp: 1086877
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 16.0 24.0#



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

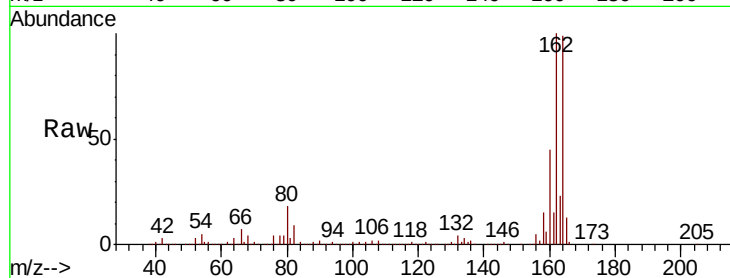




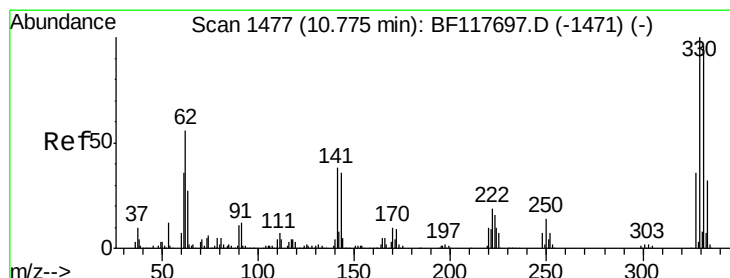
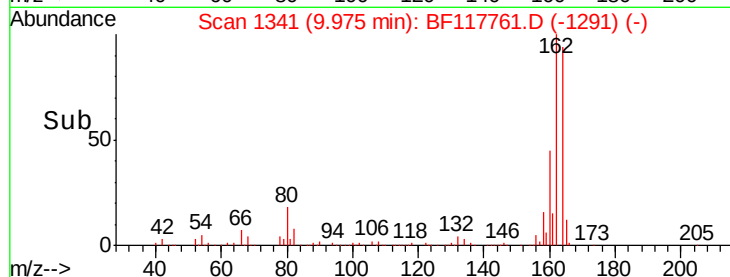
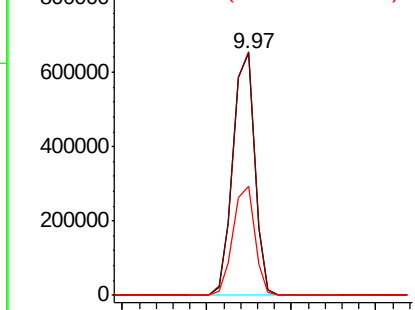
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF117761.D
 Acq: 12 Nov 2019 16:02

Instrument :
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 ClientSampleId :
 OIL-CONTAMINATED-SAMPLE

Tot Ion:164 Resp: 582880
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.2 121.8
 160 45.0 36.3 54.5

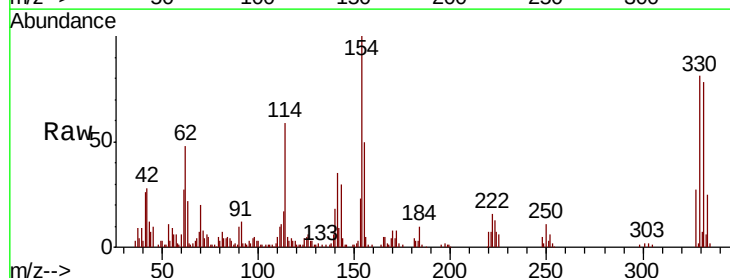


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

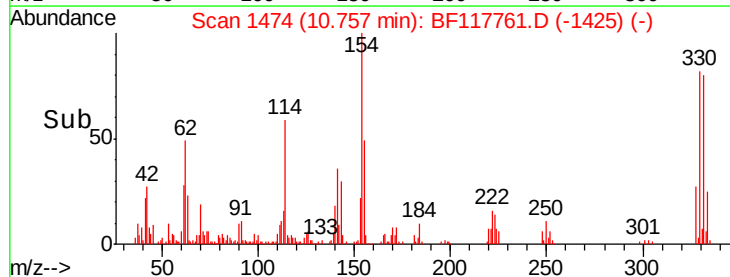
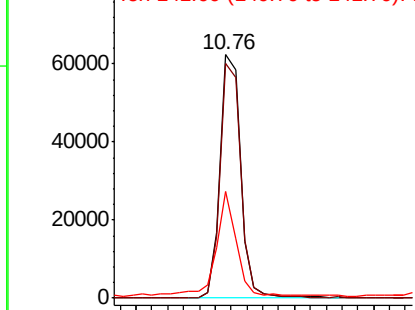


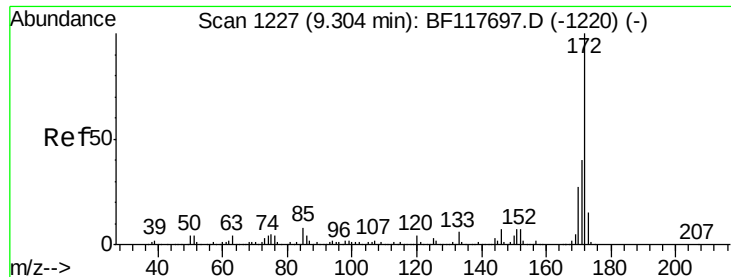
#42
 2,4,6-Tribromophenol
 Concen: 9.925 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117761.D
 Acq: 12 Nov 2019 16:02

Tgt Ion:330 Resp: 56589
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 42.8 26.5 39.7#



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

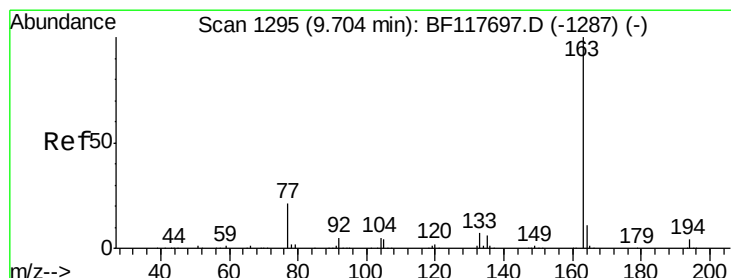
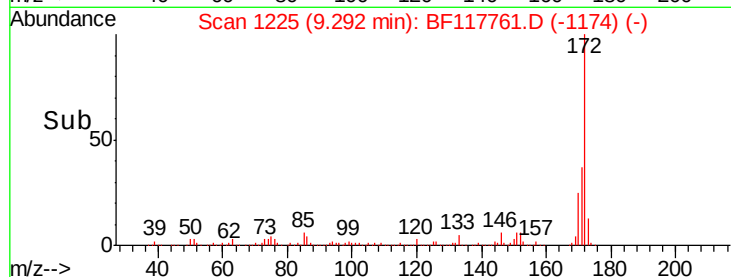
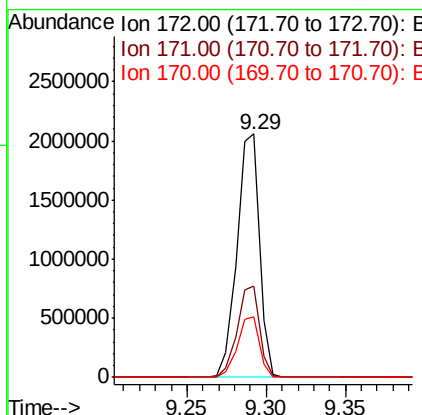
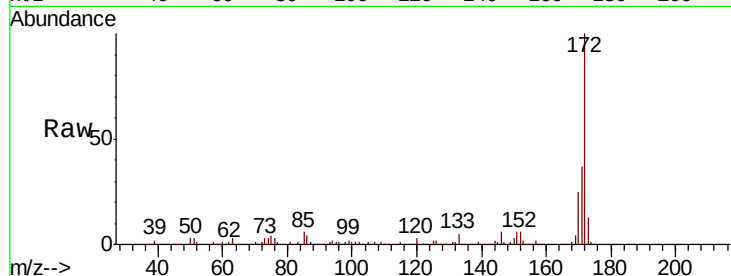




#45
2-Fluorobiphenyl
Concen: 68.740 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

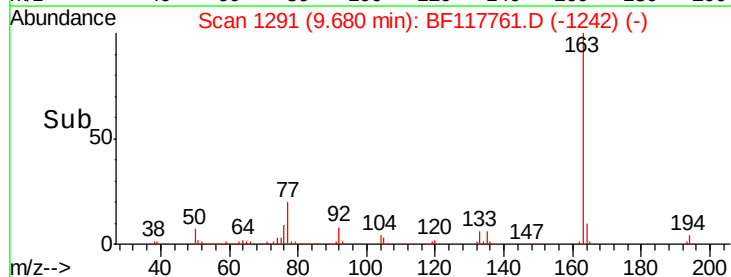
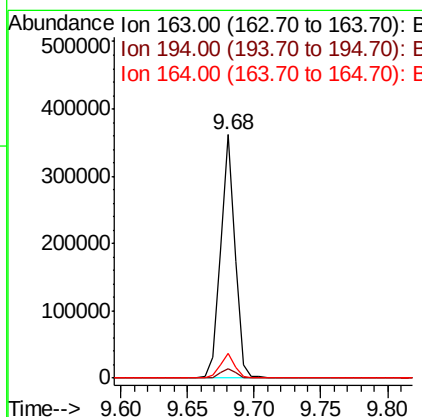
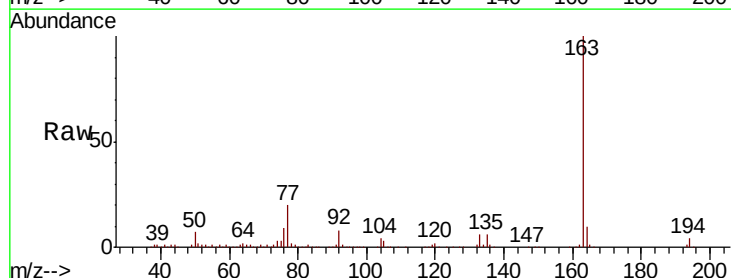
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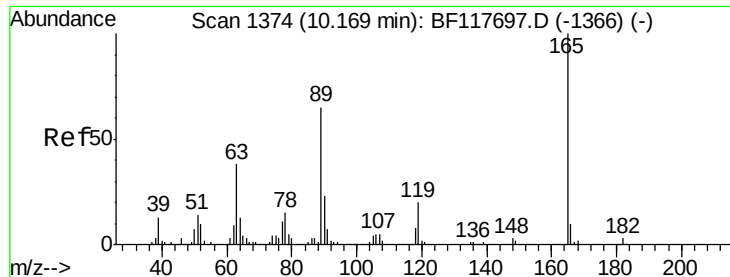
Tot Ion:172 Resp: 2030770
Ion Ratio Lower Upper
172 100
171 37.4 30.7 46.1
170 25.1 20.6 30.8



#50
Dimethylphthalate
Concen: 7.071 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Tgt Ion:163 Resp: 278635
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.6 13.0

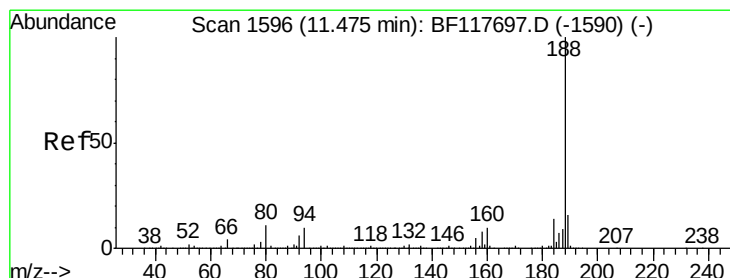
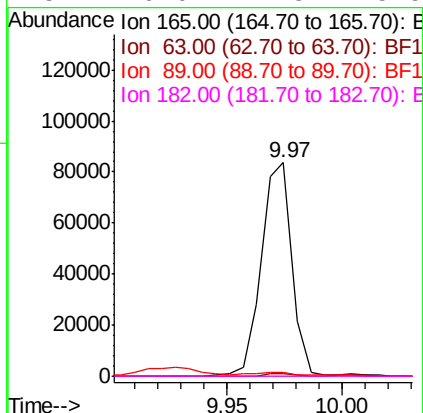
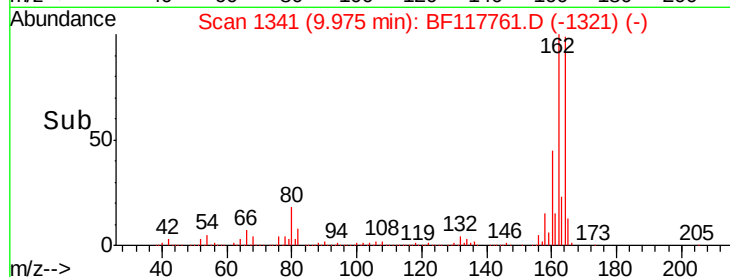
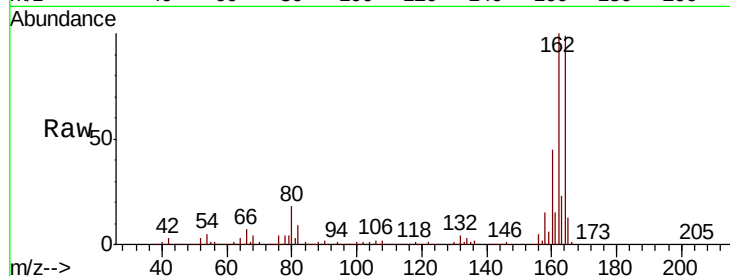




#57
 2,4-Dinitrotoluene
 Concen: 6.833 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117761.D
 Acq: 12 Nov 2019 16:02

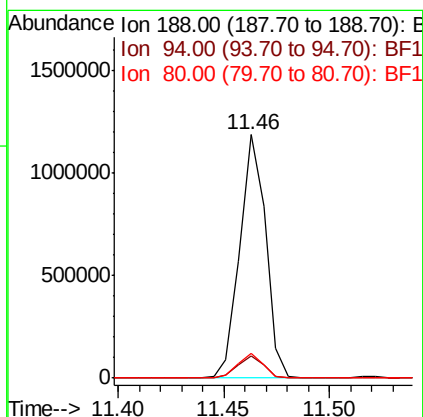
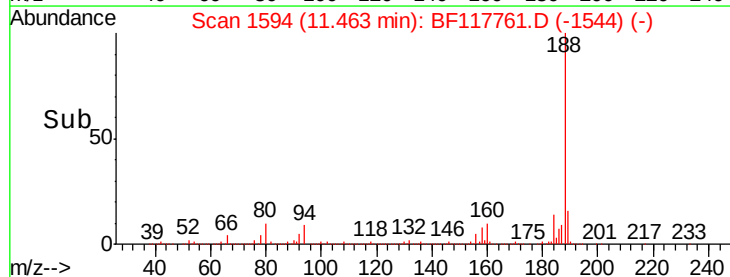
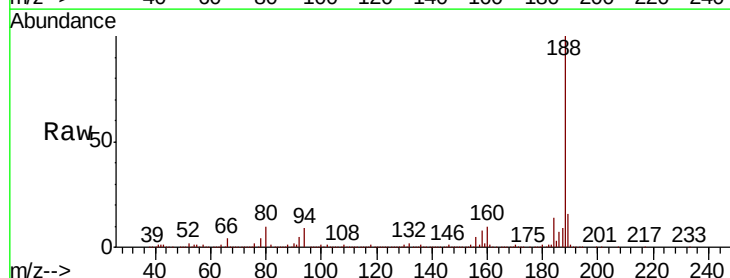
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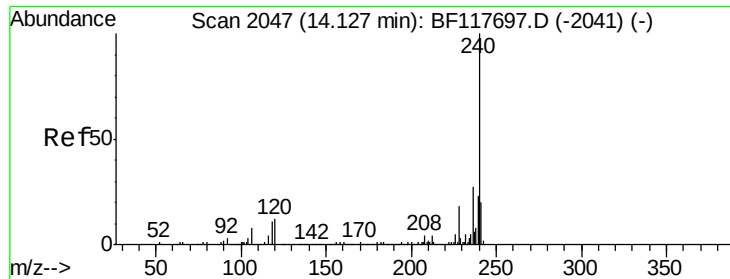
Tot Ion:165 Resp: 77344
 Ion Ratio Lower Upper
 165 100
 63 1.1 34.4 51.6#
 89 1.9 57.8 86.8#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117761.D
 Acq: 12 Nov 2019 16:02

Tgt Ion:188 Resp: 1006033
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.4 11.2
 80 10.0 8.1 12.1

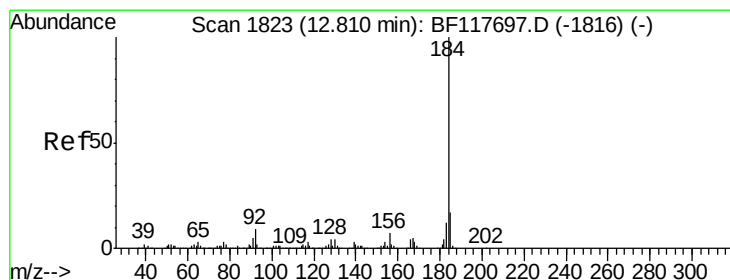
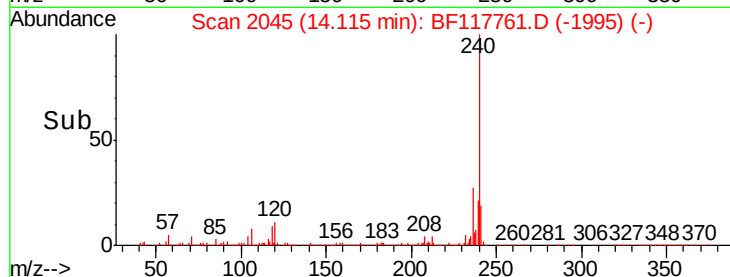
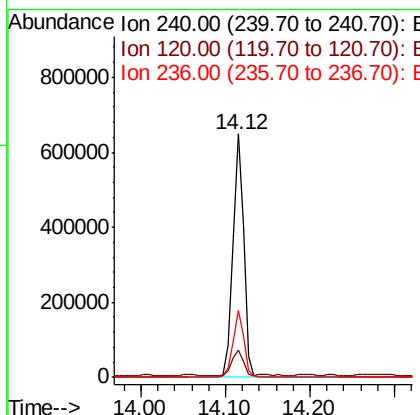
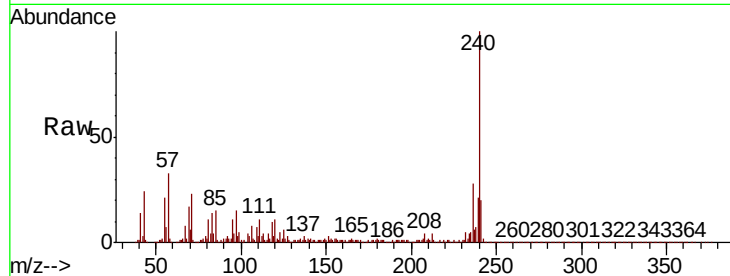




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

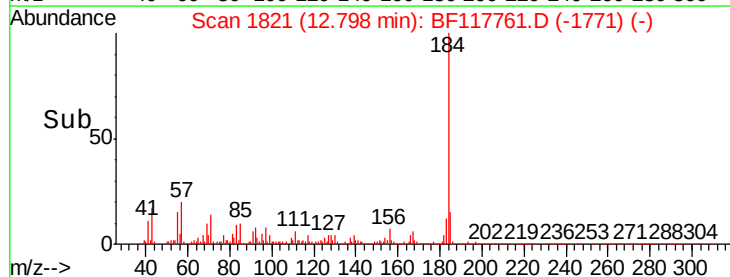
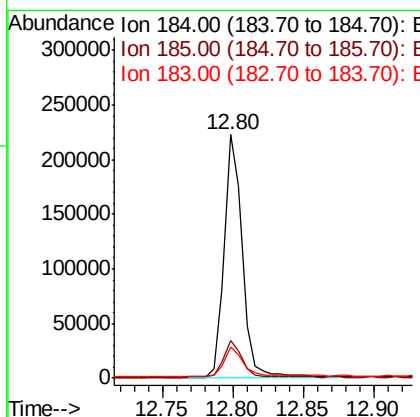
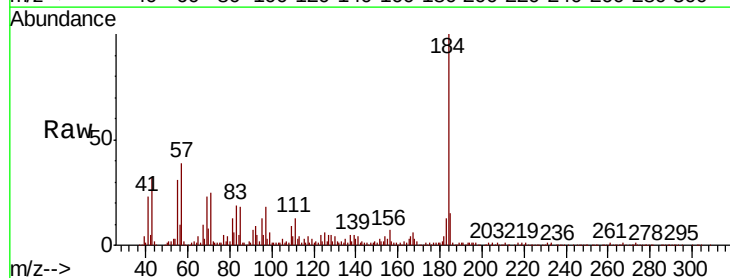
Instrument :
BNA_F
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

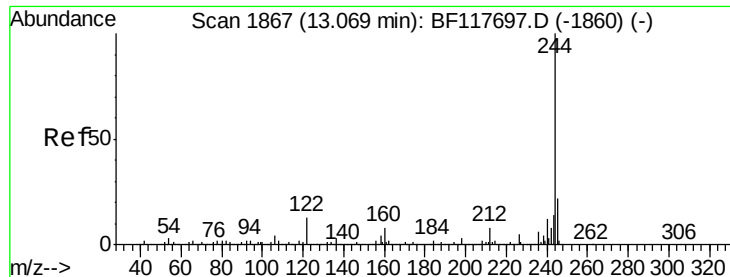
Tot Ion:240 Resp: 560970
Ion Ratio Lower Upper
240 100
120 11.5 9.3 13.9
236 27.5 21.4 32.0



#77
Benzidine
Concen: 10.302 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Tgt Ion:184 Resp: 200919
Ion Ratio Lower Upper
184 100
185 15.3 12.4 18.6
183 12.6 9.8 14.6





#79

Terphenyl-d14

Concen: 67.899 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117761.D

Acq: 12 Nov 2019 16:02

Instrument :

BNA_F

ClientSampleId :

OIL-CONTAMINATED-SAMPLE

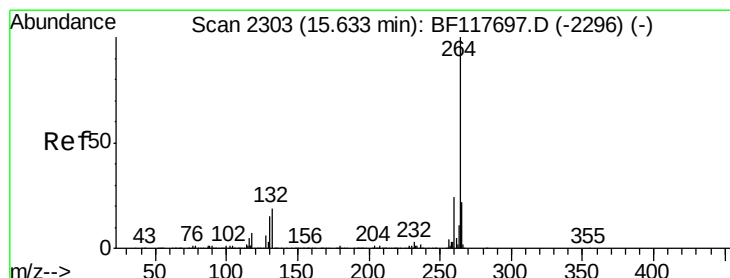
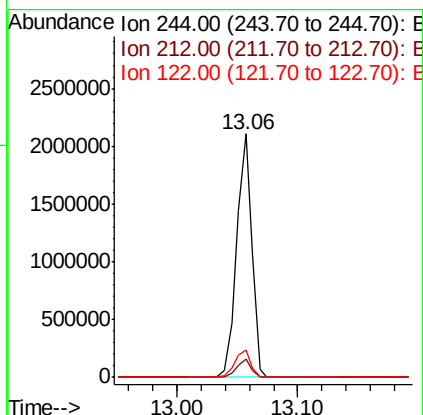
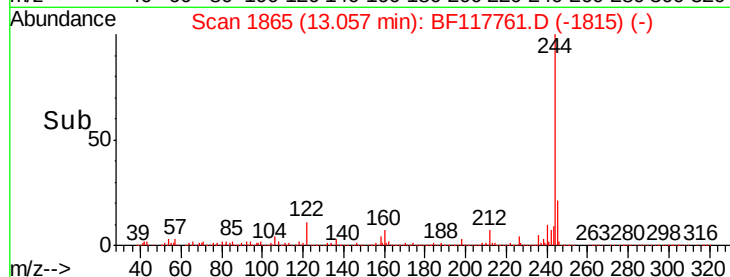
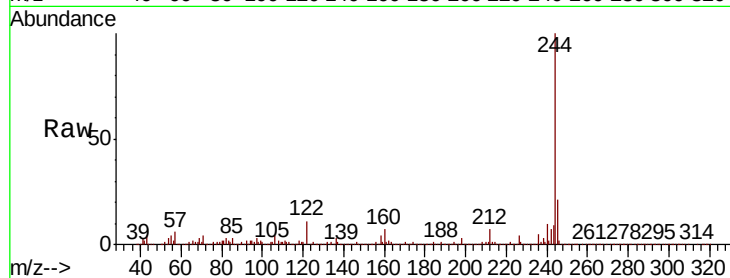
Tot Ion:244 Resp: 1850256

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 11.4 9.1 13.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BF117761.D

Acq: 12 Nov 2019 16:02

Tgt Ion:264 Resp: 683801

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.6 17.2 25.8

