

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 13 11:29:51 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

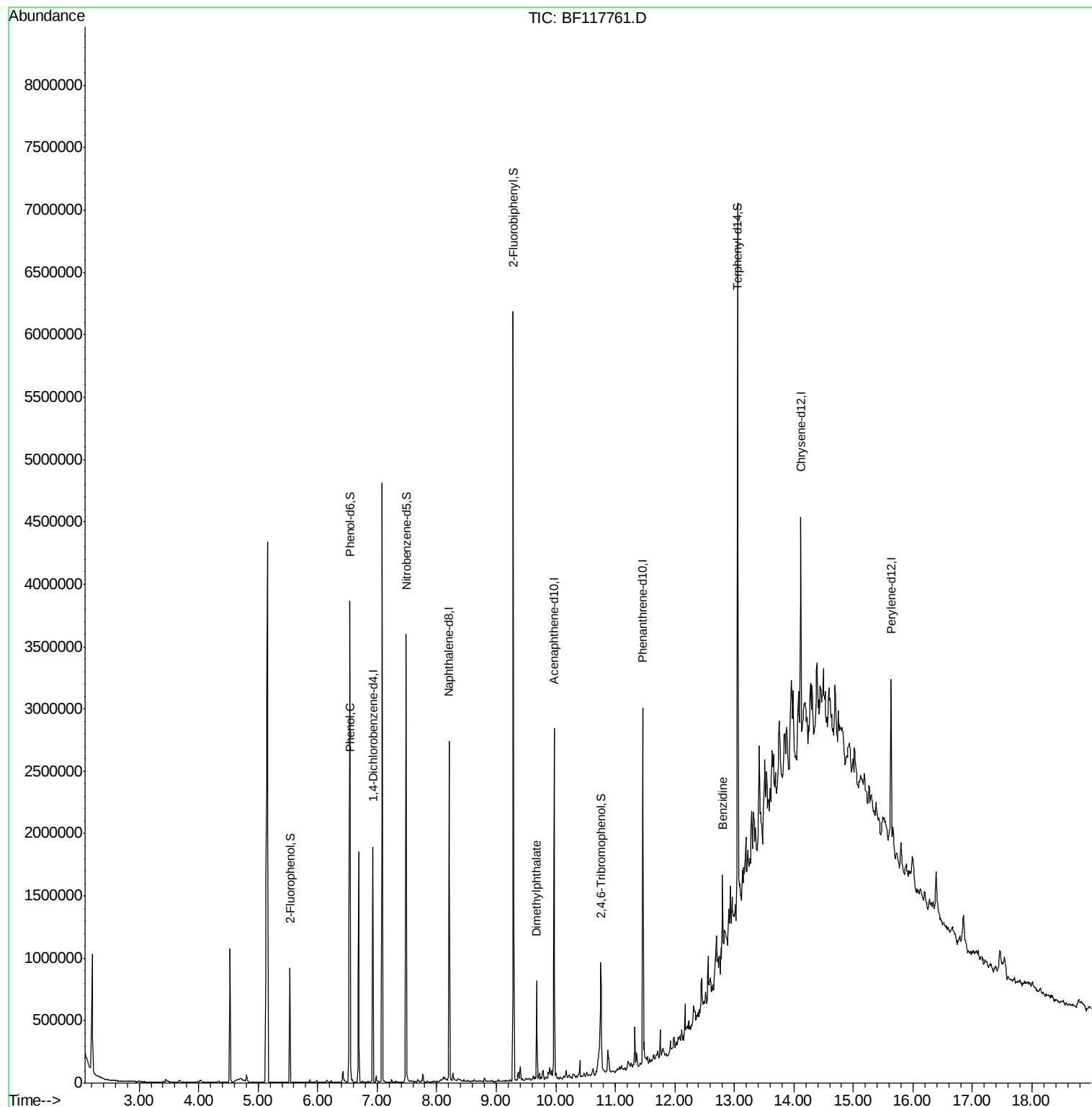
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	289048	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1125840	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	582880	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1006033	20.00	ng	0.00
76) Chrysene-d12	14.12	240	560970	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
50) Dimethylphthalate	9.68	163	278635	7.071	ng	98
77) Benzidine	12.80	184	200919	10.302	ng	99

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

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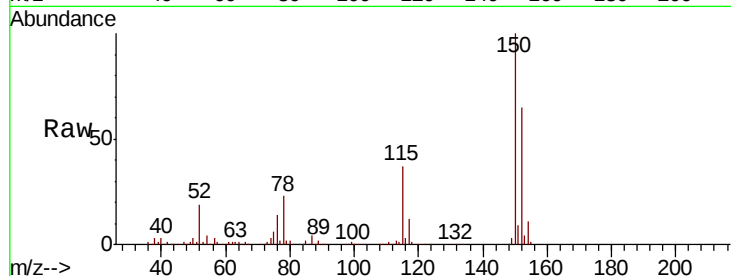


#1

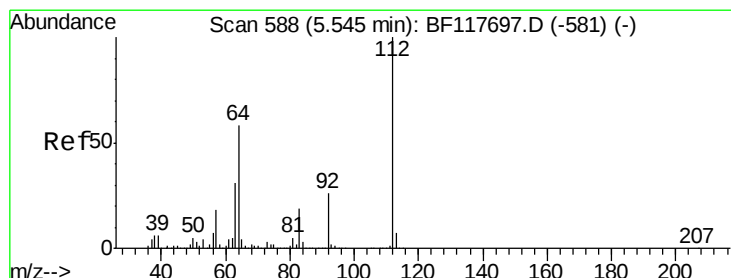
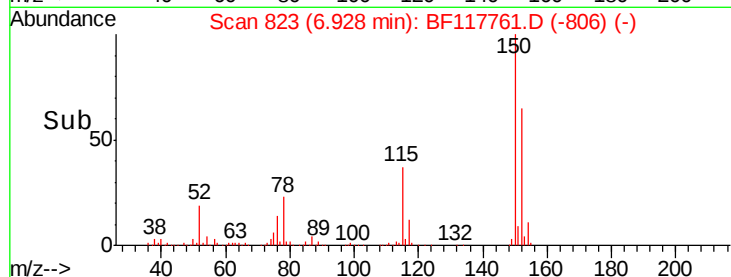
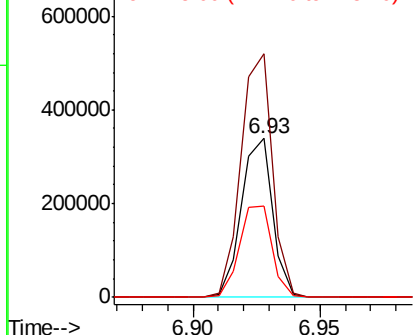
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

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



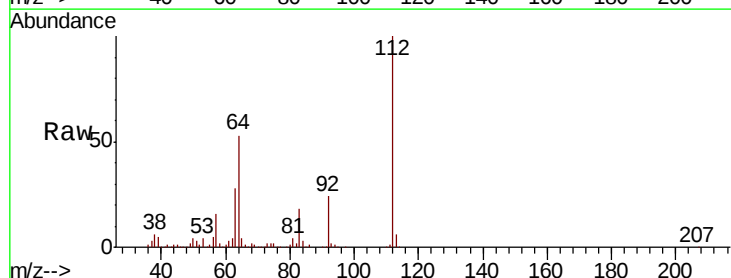
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



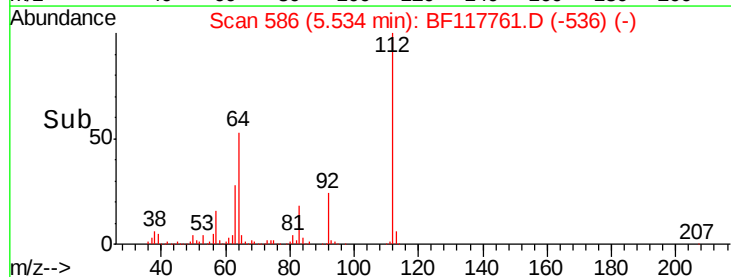
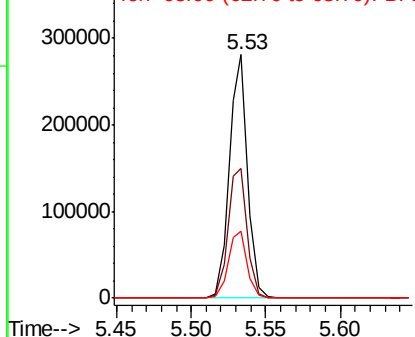
#5

2-Fluorophenol
Concen: 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



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: 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

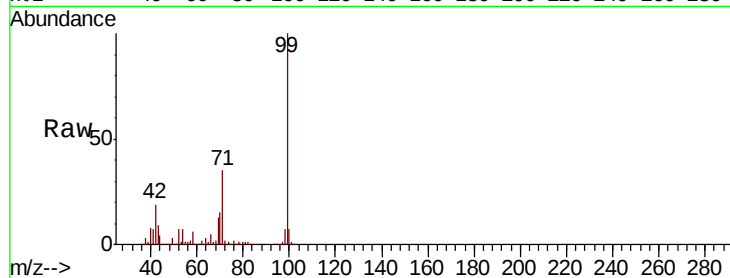
Tot Ion: 99 Resp: 1329778

Ion Ratio Lower Upper

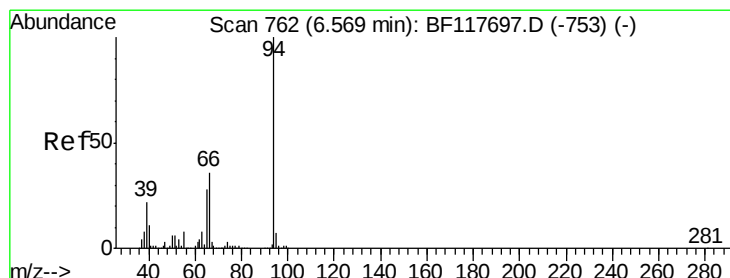
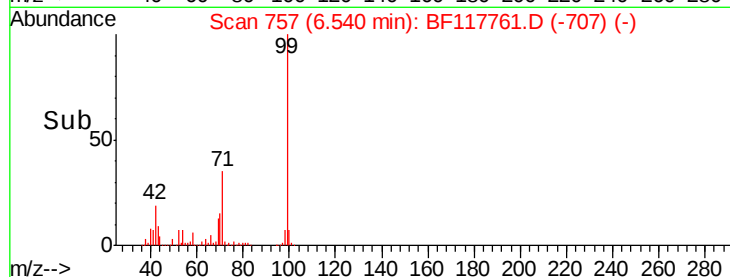
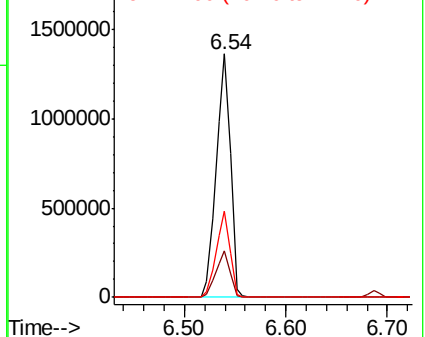
99 100

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

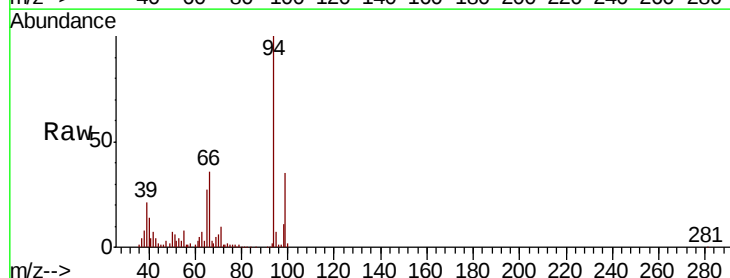
Tgt Ion: 94 Resp: 83130

Ion Ratio Lower Upper

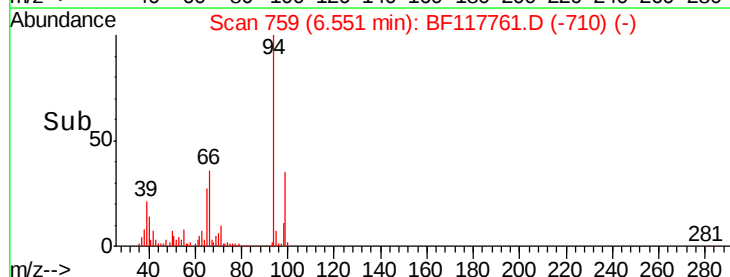
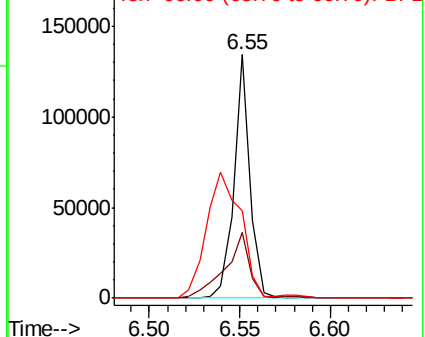
94 100

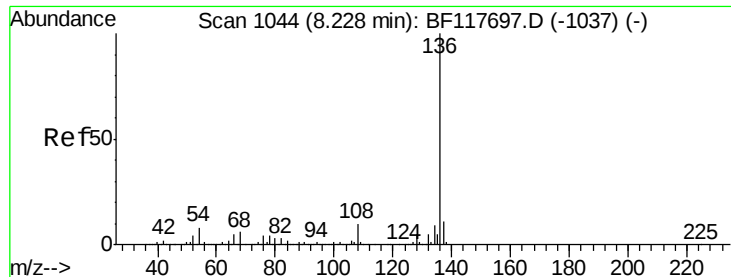
65 26.9 6.4 46.4

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

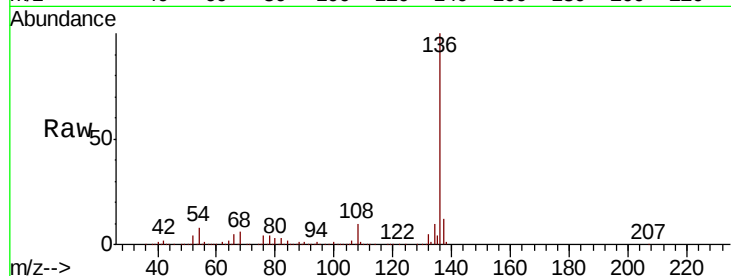




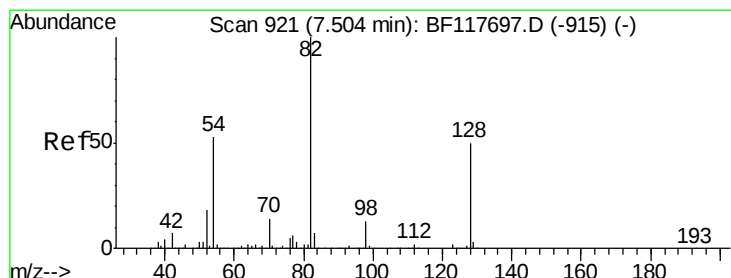
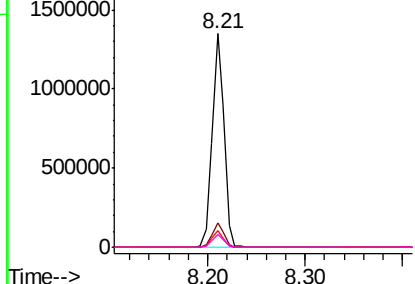
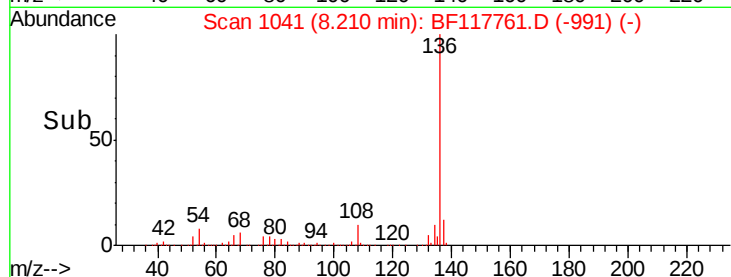
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Instrument :
BNA_F
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

Tot 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

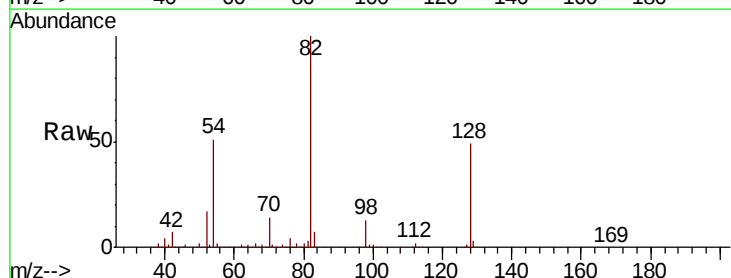


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

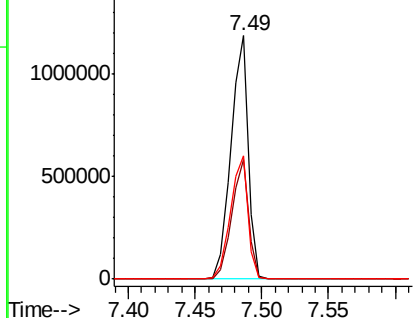
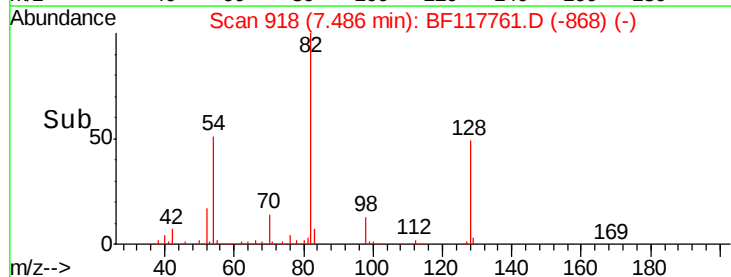


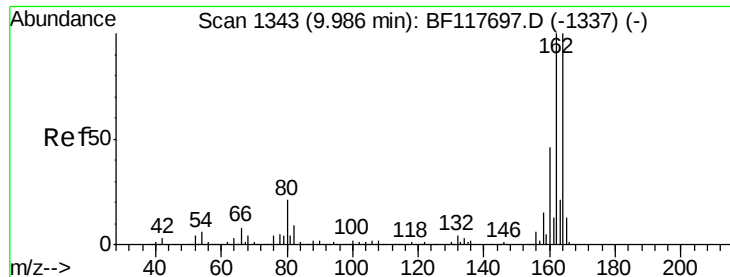
#23
Nitrobenzene-d5
Concen: 57.112 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1

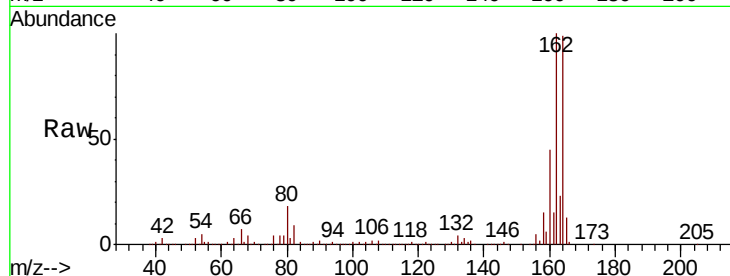




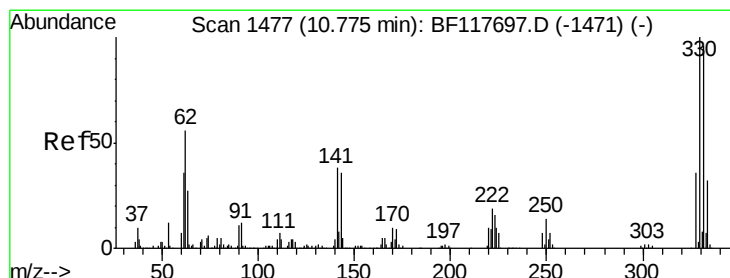
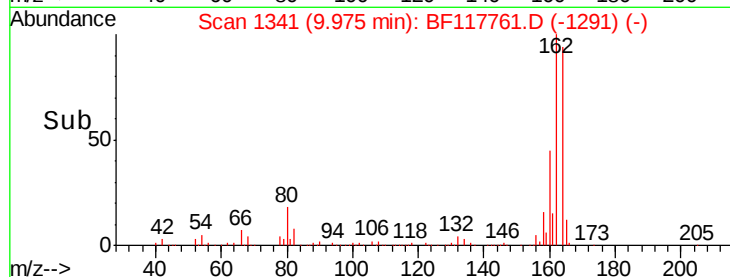
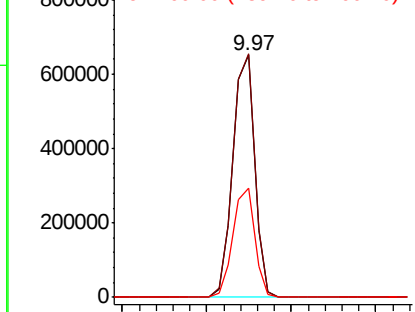
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF117761.D
 Acq: 12 Nov 2019 16:02

Instrument :
 BNA_F
 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

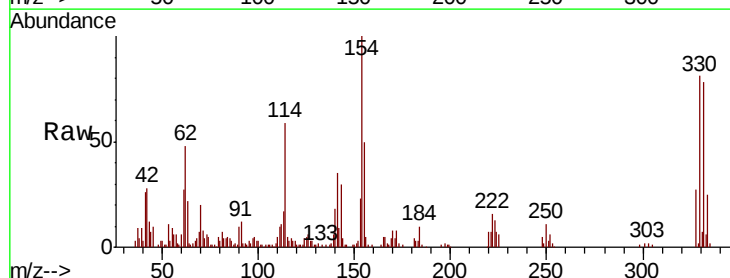


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

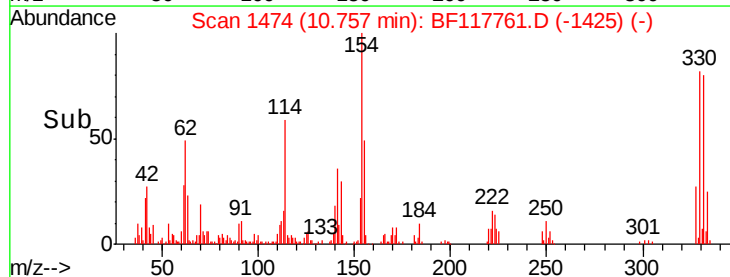
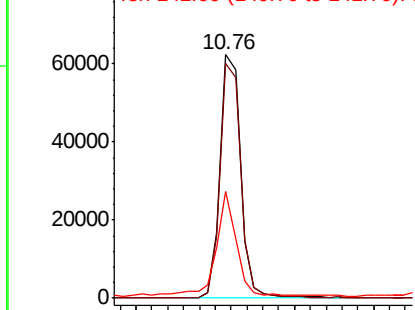


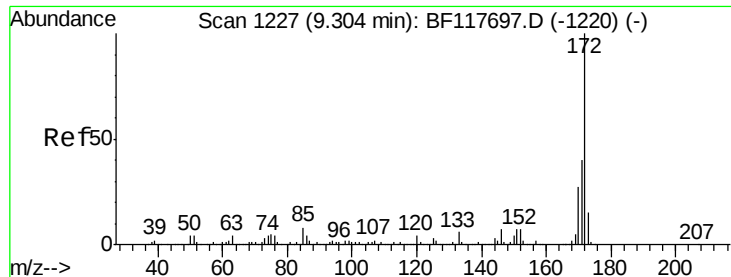
#42
 2,4,6-Tribromophenol
 Concen: 9.925 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117761.D
 Acq: 12 Nov 2019 16:02

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

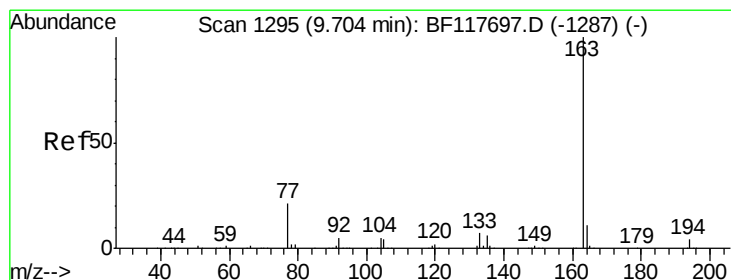
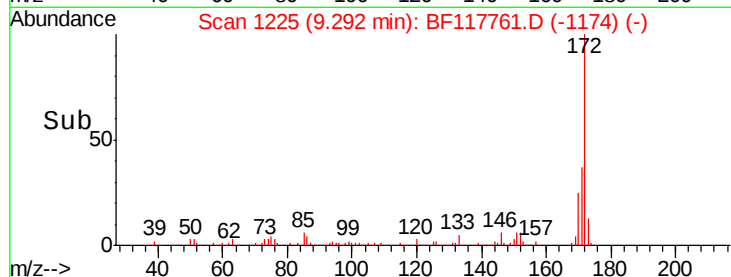
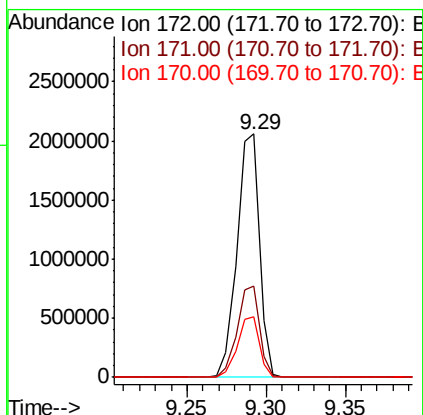
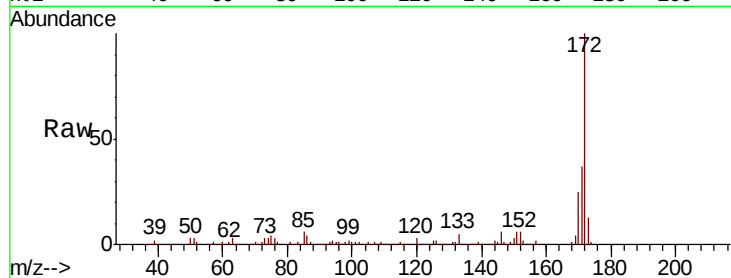




#45
2-Fluorobiphenyl
Concen: 68.740 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

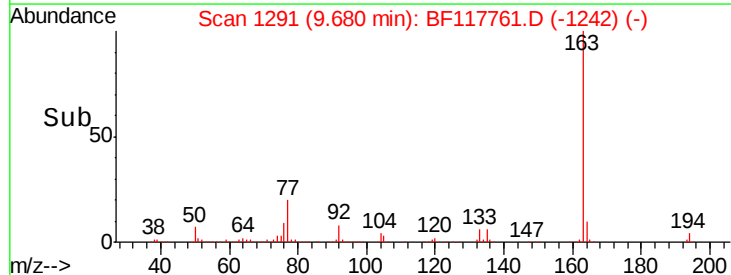
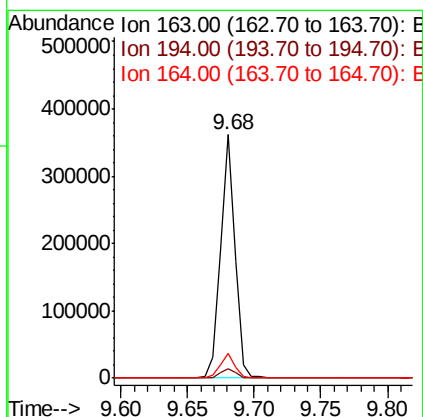
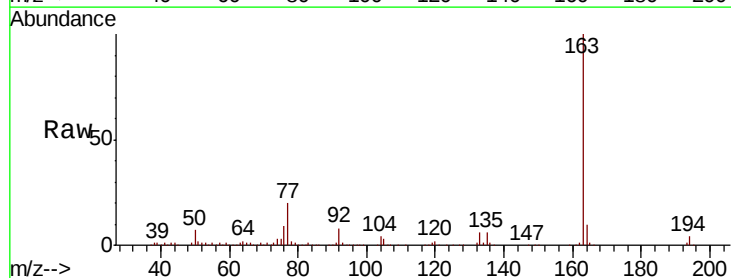
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OIL-CONTAMINATED-SAMPLE

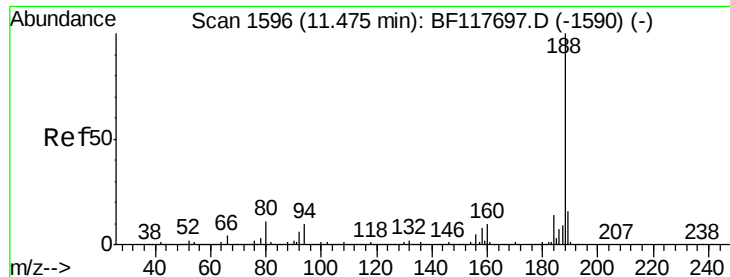
Tot Ion:172 Resp: 2030770
Ion Ratio Lower Upper
172 100
171 37.4 30.7 46.1
170 25.1 20.6 30.8



#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

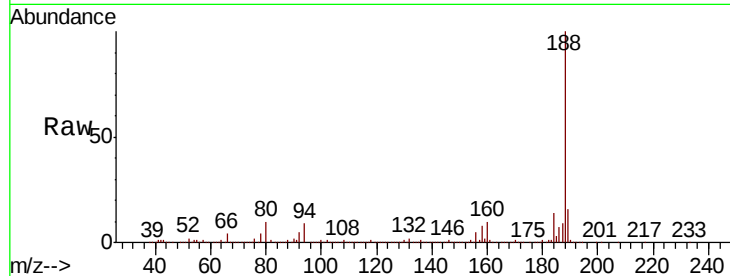




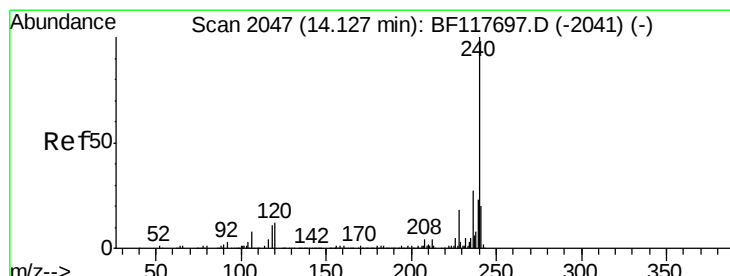
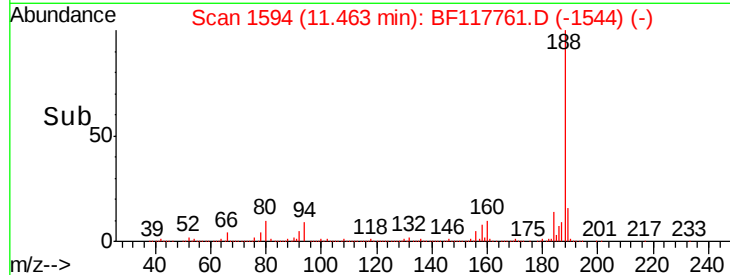
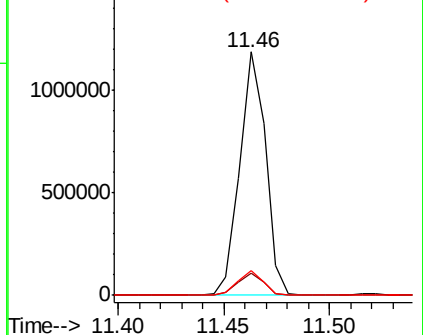
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Instrument :
BNA_F
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

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

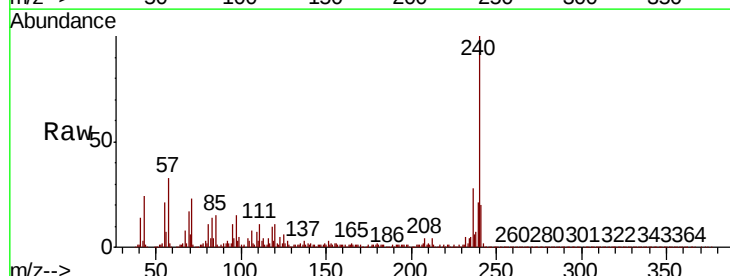


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

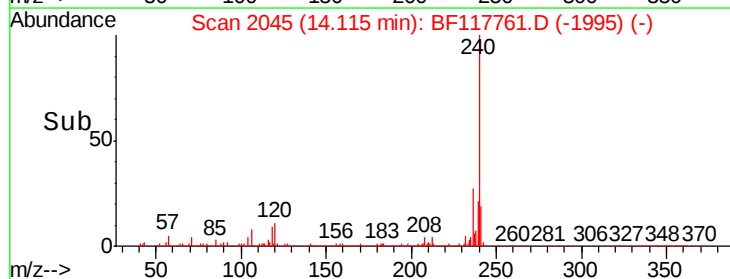
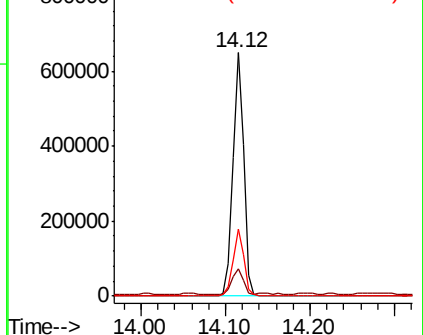


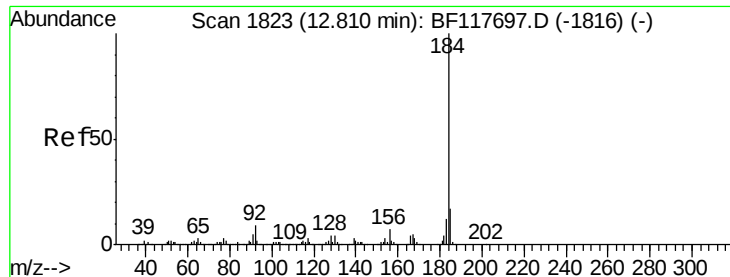
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

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



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





#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

Instrument :

BNA_F

ClientSampleId :

OIL-CONTAMINATED-SAMPLE

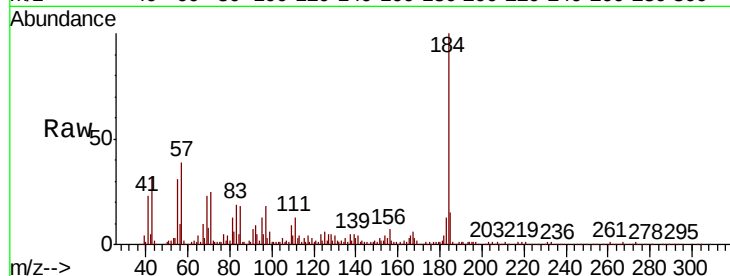
Tot Ion:184 Resp: 200919

Ion Ratio Lower Upper

184 100

185 15.3 12.4 18.6

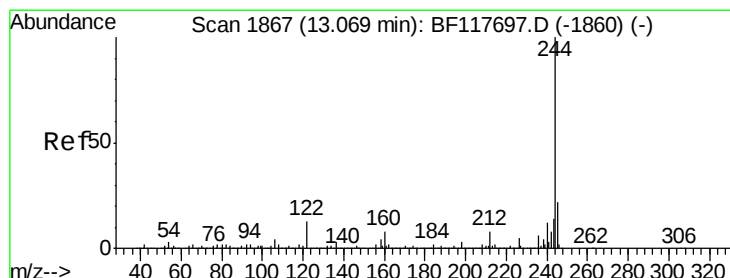
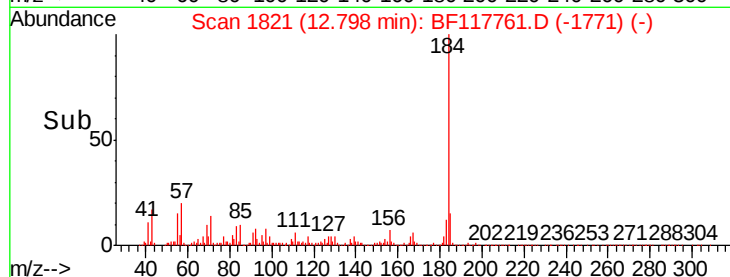
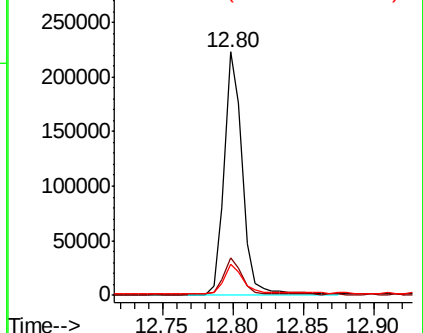
183 12.6 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#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

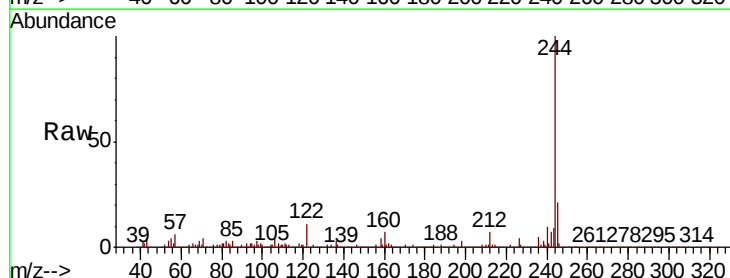
Tgt Ion:244 Resp: 1850256

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

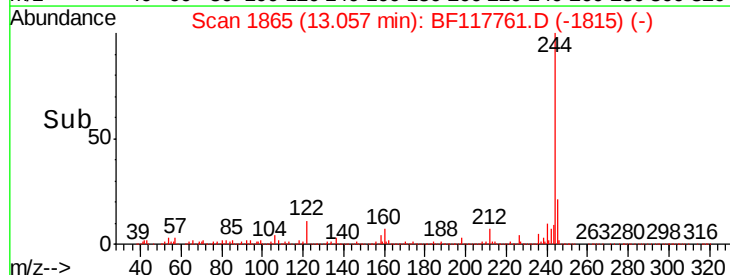
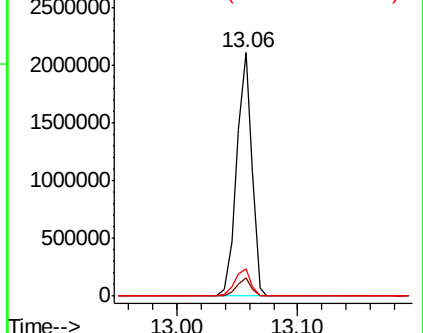
122 11.4 9.1 13.7

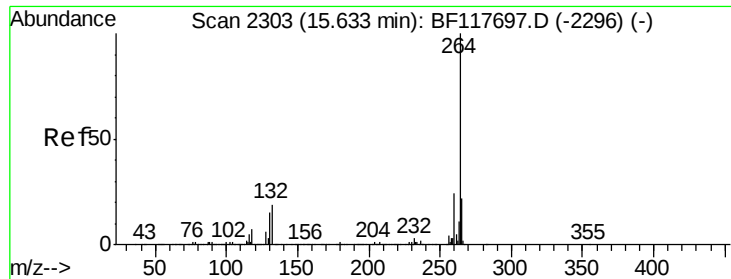


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

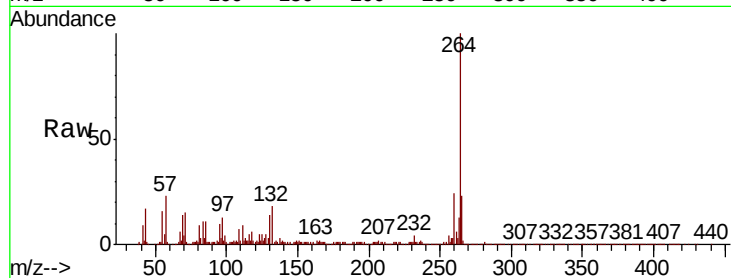




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF117761.D
Acq: 12 Nov 2019 16:02

Instrument :
BNA_F
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.6	17.2	25.8



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

