

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121420.D
 Acq On : 25 Aug 2020 2:07
 Operator : JU/CG
 Sample : L3773-03 20X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Aug 25 03:27:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	131690	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	371455	20.00	ng	0.01
39) Acenaphthene-d10	9.73	164	210753	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	362513	20.00	ng	0.00
76) Chrysene-d12	13.85	240	320402	20.00	ng	0.00
86) Perylene-d12	15.27	264	377599	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	44773	5.57	ng	0.02
7) Phenol-d6	6.35	99	58347	5.69	ng	0.01
23) Nitrobenzene-d5	7.26	82	48605	7.40	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	9248	3.77	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	76639	-7.01	ng	0.00
79) Terphenyl-d14	12.79	244	62452	3.81	ng	0.00

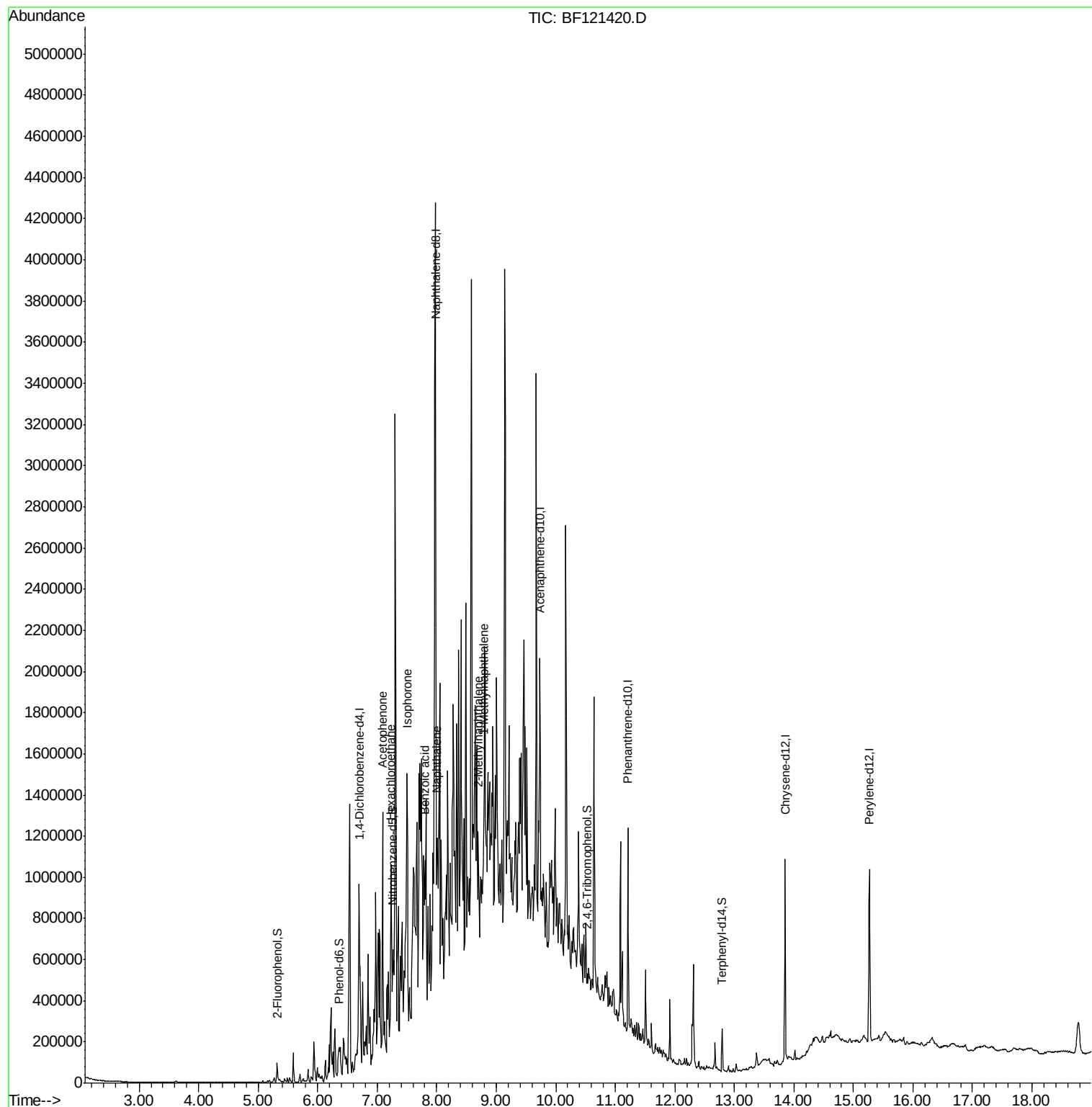
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.23	117	40090	11.341	ng	# 1
20) 3+4-Methylphenols	7.13	107	257	Below Cal		# 1
22) Acetophenone	7.09	105	99375	11.443	ng	# 43
25) Isophorone	7.50	82	49964	4.180	ng	# 1
31) Naphthalene	8.00	128	44144	2.388	ng	# 71
32) Benzoic acid	7.80	122	1434	7.385	ng	# 1
37) 2-Methylnaphthalene	8.70	142	108407	9.047	ng	# 99
38) 1-Methylnaphthalene	8.79	142	62901	5.521	ng	# 96
55) Dibenzofuran	9.93	168	5395	Below Cal		# 1
58) Fluorene	10.28	166	9905	Below Cal		# 63
61) 4-Chlorophenyl-phenylether	10.29	204	1062	Below Cal		# 1

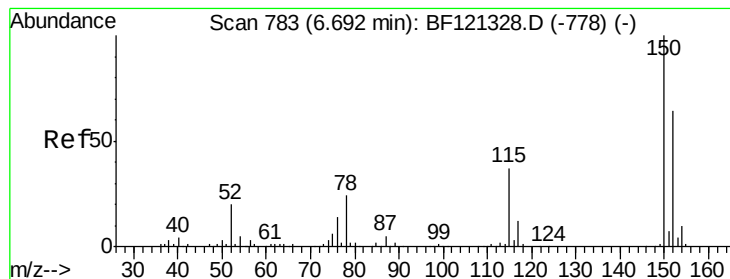
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121420.D
Acq On : 25 Aug 2020 2:07
Operator : JU/CG
Sample : L3773-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Quant Time: Aug 25 03:27:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration



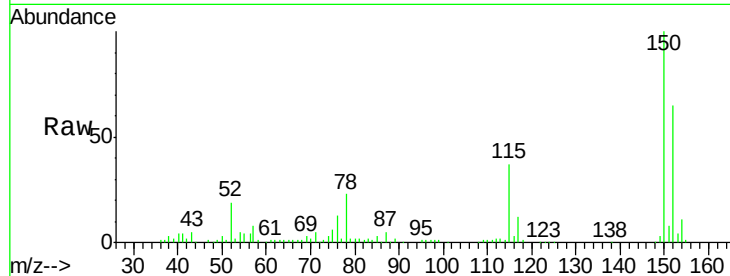


#1

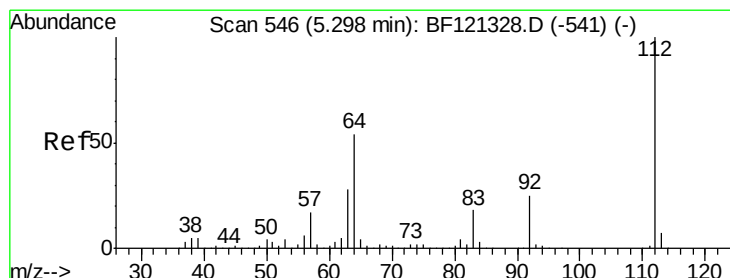
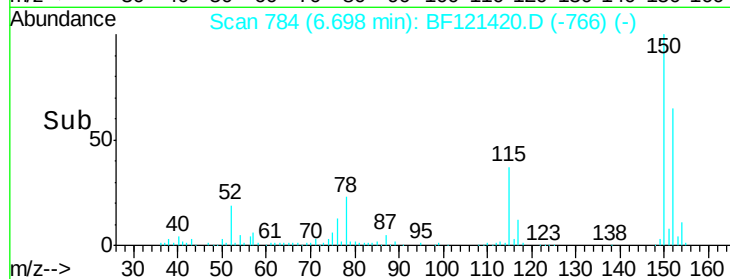
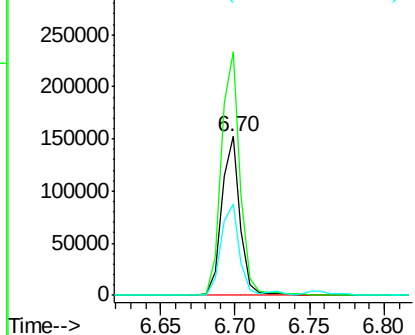
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:152 Resp: 131690
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.8 187.2
 115 57.3 46.1 69.1



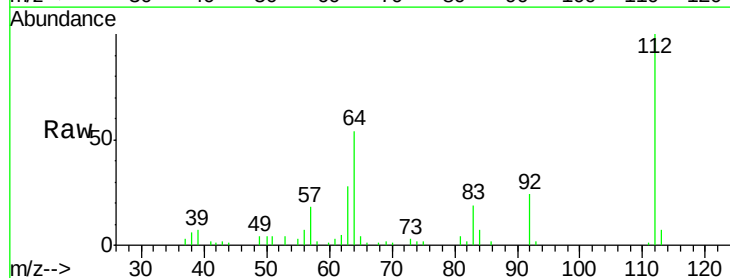
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



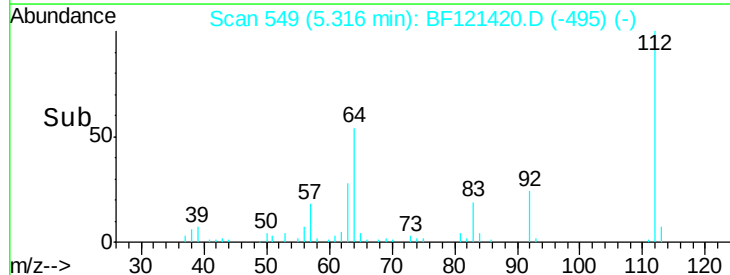
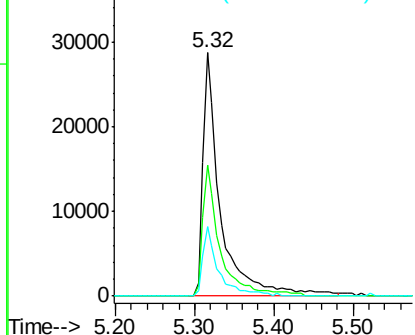
#5

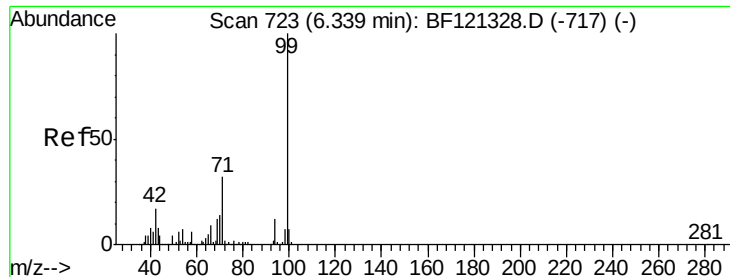
2-Fluorophenol
 Concen: 5.575 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.02 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Tgt Ion:112 Resp: 44773
 Ion Ratio Lower Upper
 112 100
 64 53.8 43.5 65.3
 63 28.5 22.0 33.0



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: 5.691 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

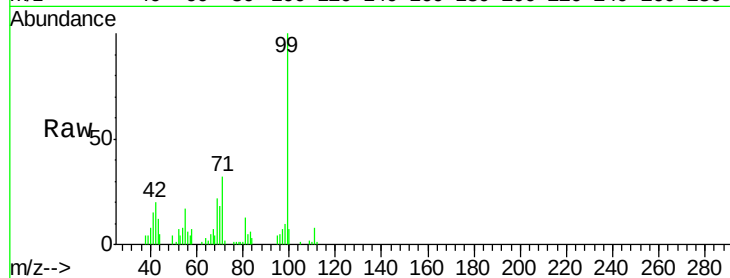
Tot Ion: 99 Resp: 58347

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

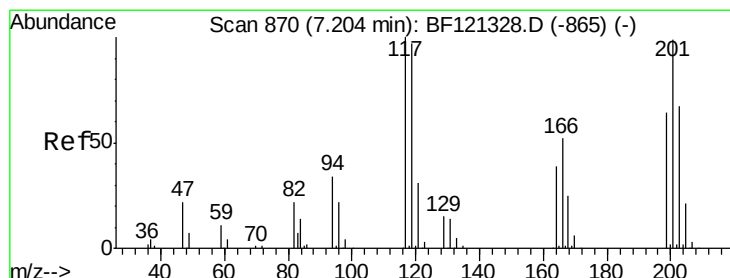
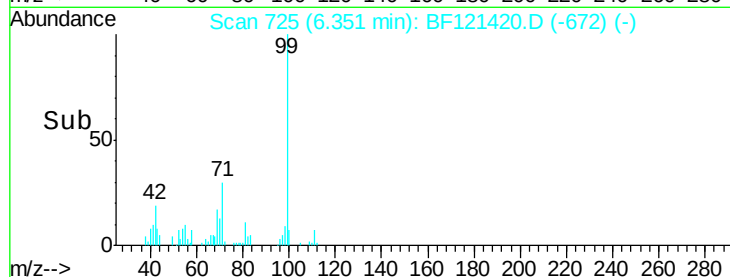
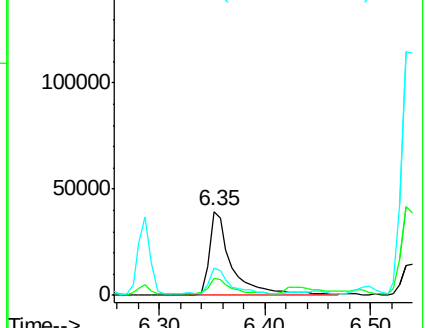
71 32.0 25.2 37.8



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



#18

Hexachloroethane

Concen: 11.341 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.03 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

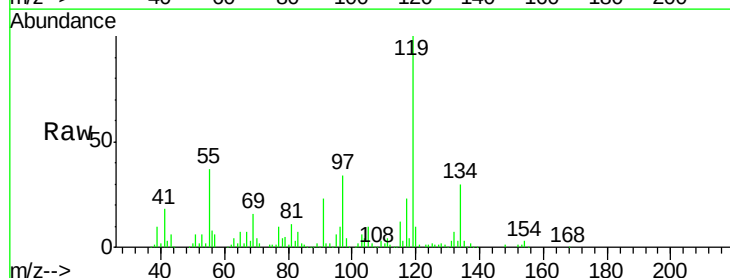
Tgt Ion: 117 Resp: 40090

Ion Ratio Lower Upper

117 100

119 427.3 77.9 116.9#

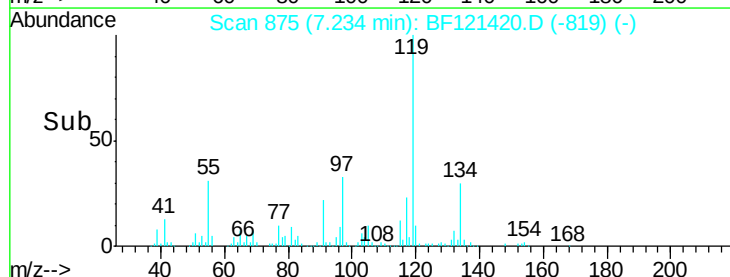
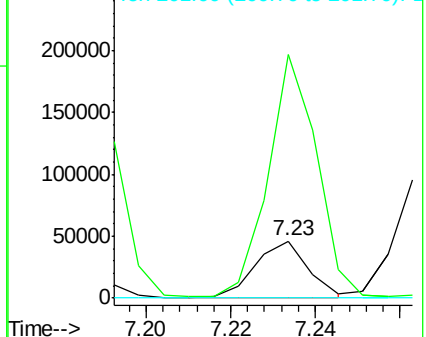
201 0.0 79.4 119.0#

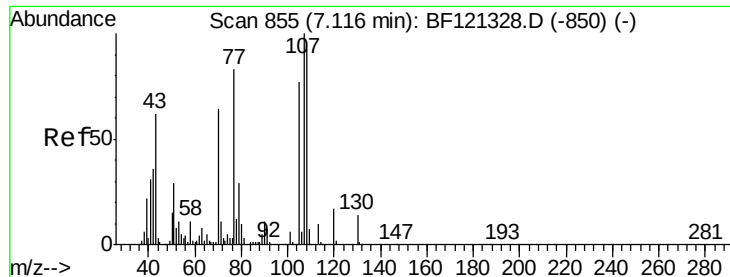


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

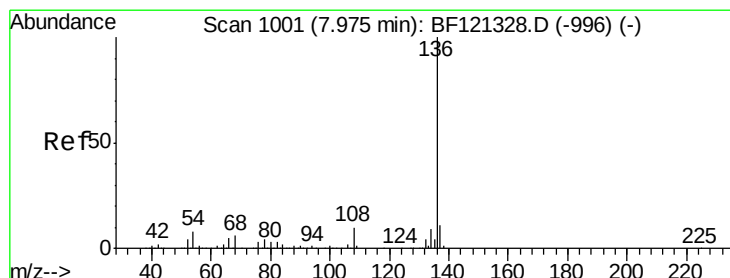
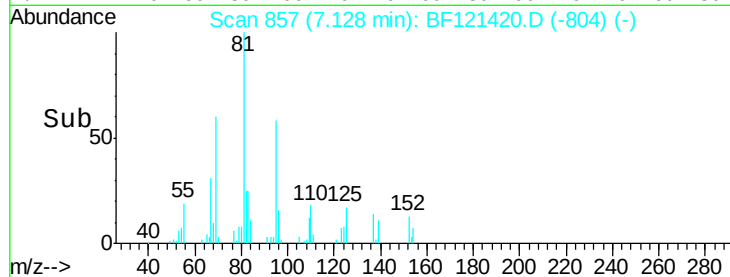
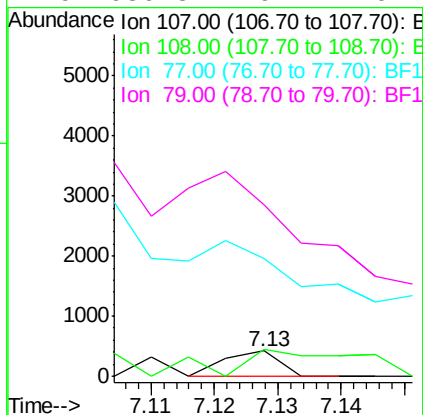
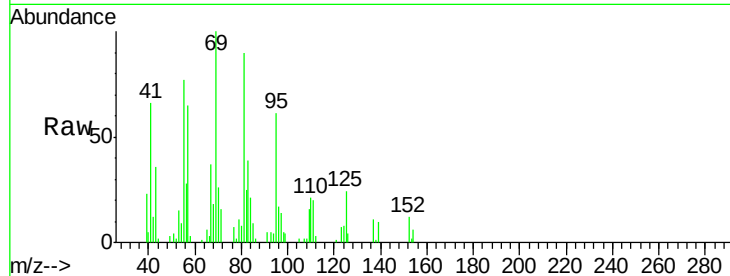




#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

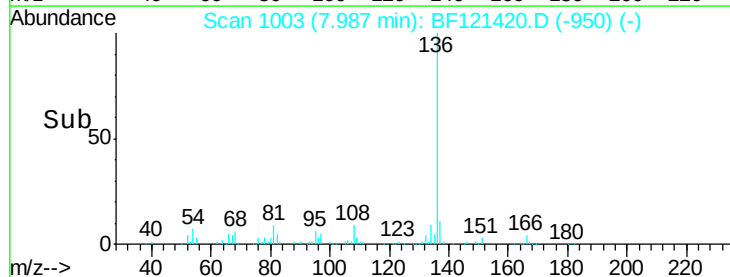
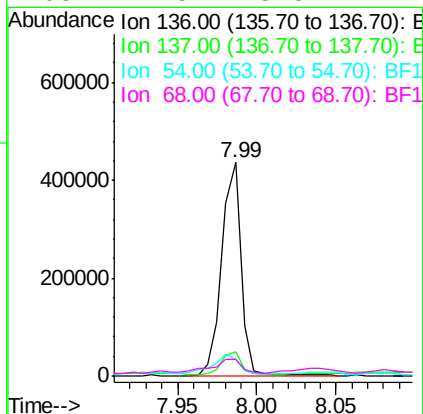
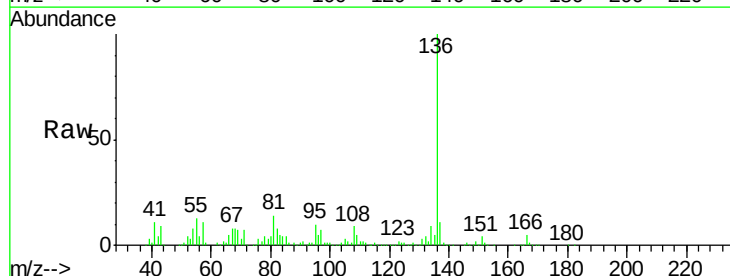
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

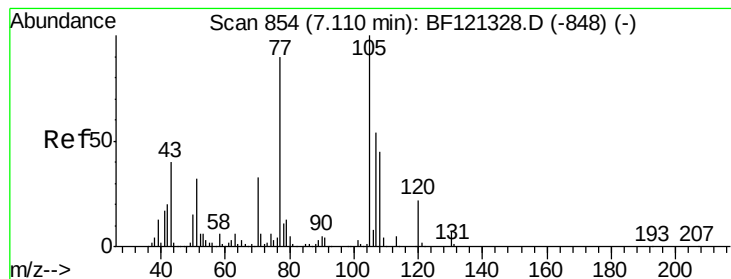
Tot Ion:107 Resp: 257
Ion Ratio Lower Upper
107 100
108 107.8 72.6 112.6
77 465.8 63.8 103.8#
79 680.3 9.1 49.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Tgt Ion:136 Resp: 371455
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.1 6.1 9.1
68 7.5 5.0 7.4#





#22

Acetophenone

Concen: 11.443 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

Tot Ion:105 Resp: 99375

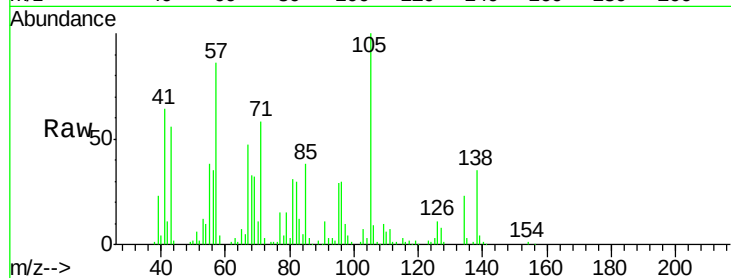
Ion Ratio Lower Upper

105 100

71 57.7 4.5 6.7#

51 5.8 25.4 38.0#

120 0.3 17.6 26.4#

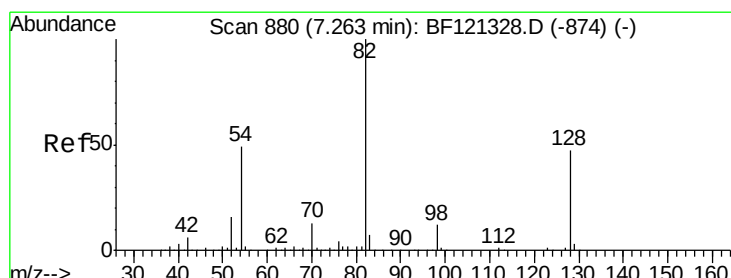
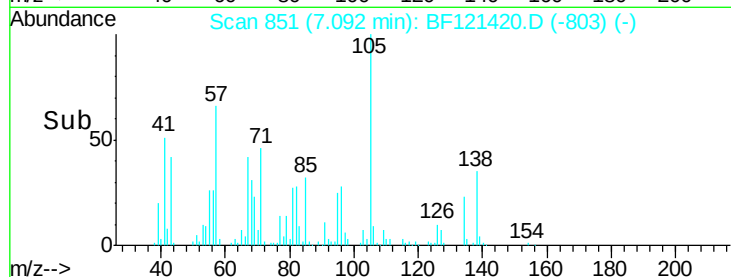
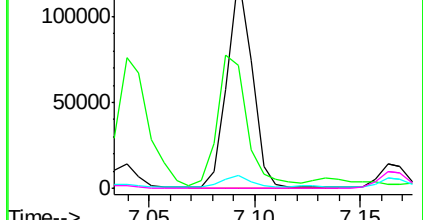


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 7.400 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

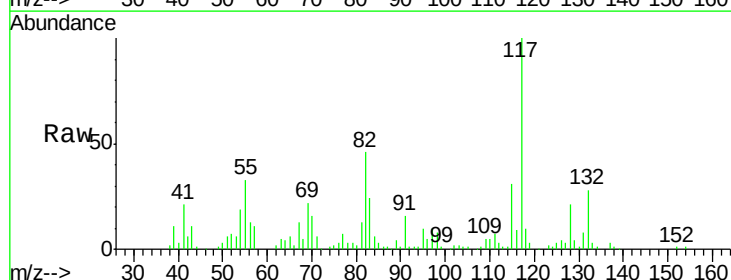
Tgt Ion: 82 Resp: 48605

Ion Ratio Lower Upper

82 100

128 45.7 37.9 56.9

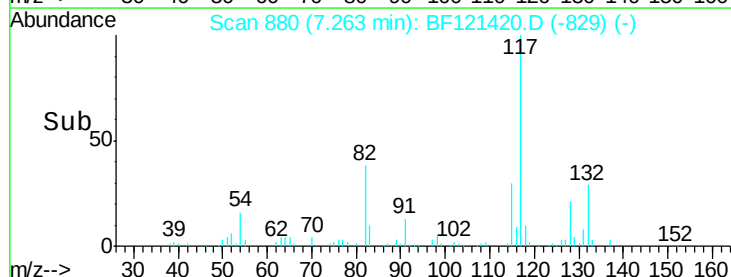
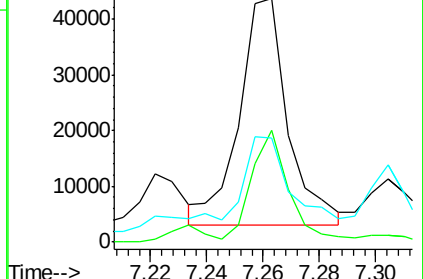
54 42.5 39.0 58.4

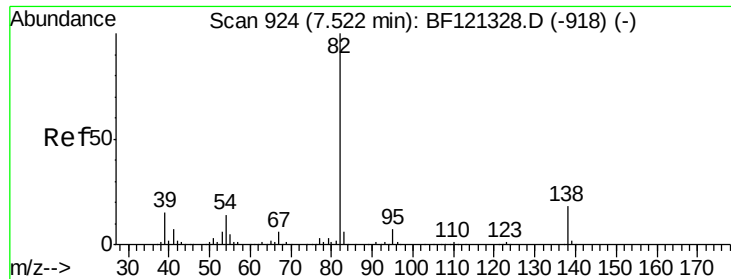


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 4.180 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

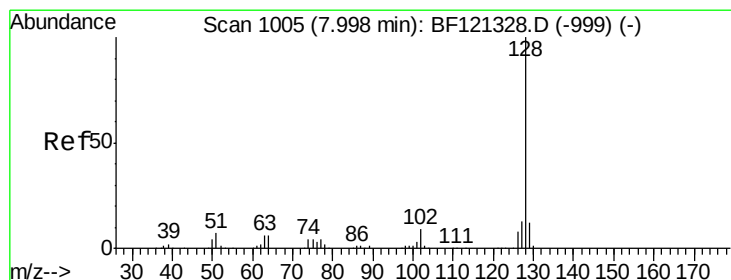
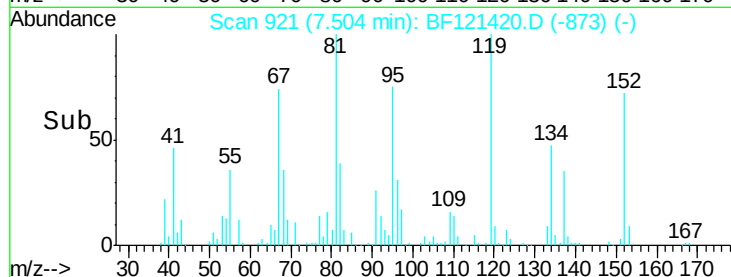
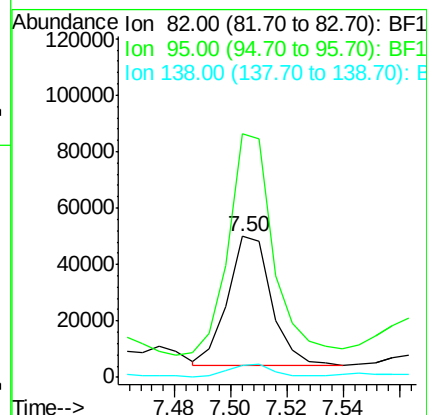
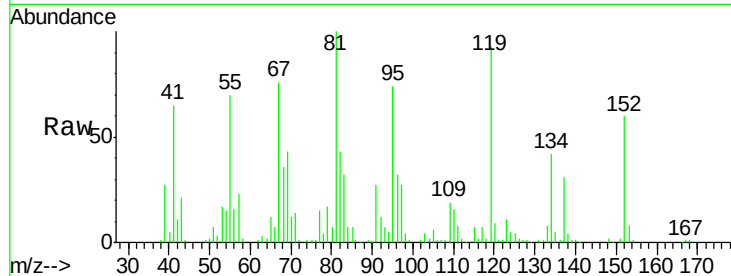
Tot Ion: 82 Resp: 49964

Ion Ratio Lower Upper

82 100

95 173.1 5.3 7.9#

138 8.7 14.6 21.8#



#31

Naphthalene

Concen: 2.388 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

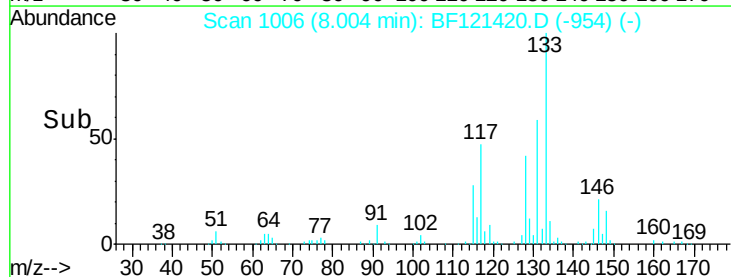
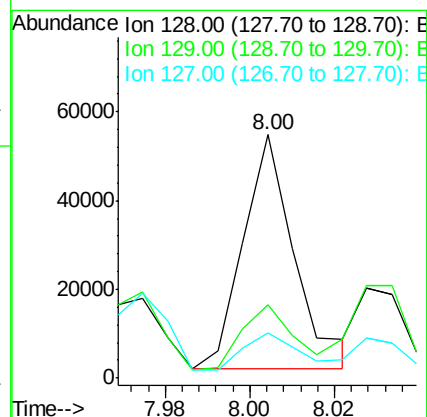
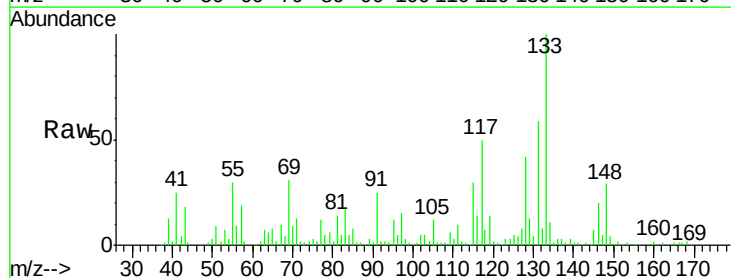
Tgt Ion: 128 Resp: 44144

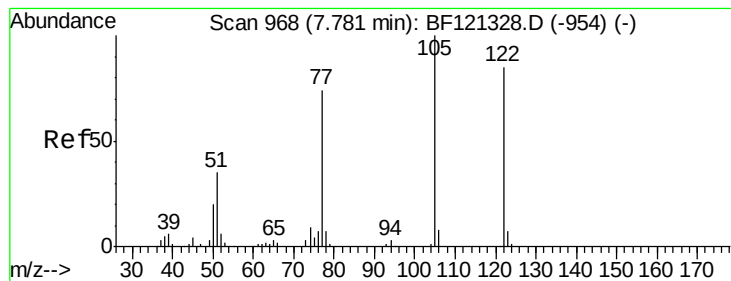
Ion Ratio Lower Upper

128 100

129 29.9 9.3 13.9#

127 18.4 10.6 16.0#





#32

Benzoic acid

Concen: 7.385 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

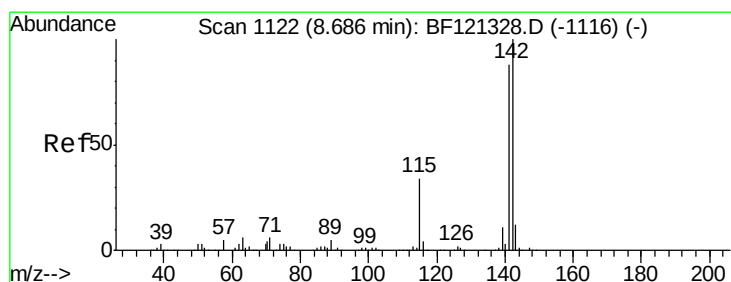
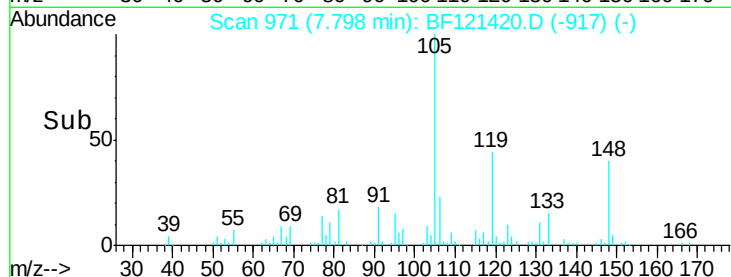
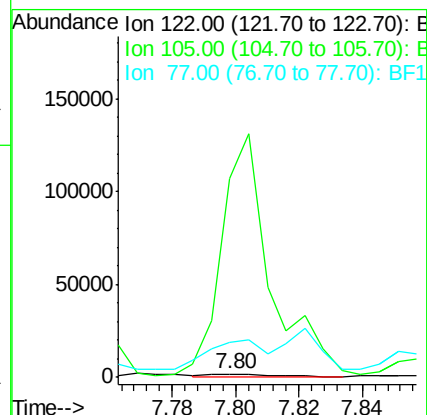
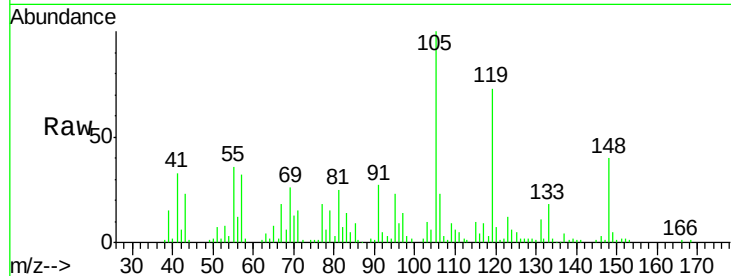
Tot Ion:122 Resp: 1434

Ion Ratio Lower Upper

122 100

105 5750.2 96.7 136.7#

77 1023.3 66.7 106.7#



#37

2-Methylnaphthalene

Concen: 9.047 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

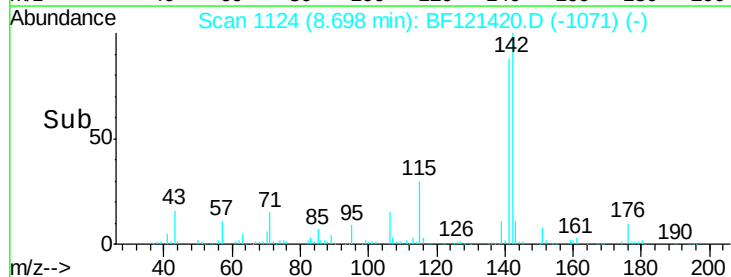
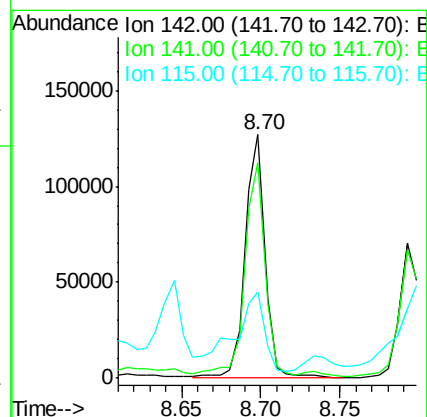
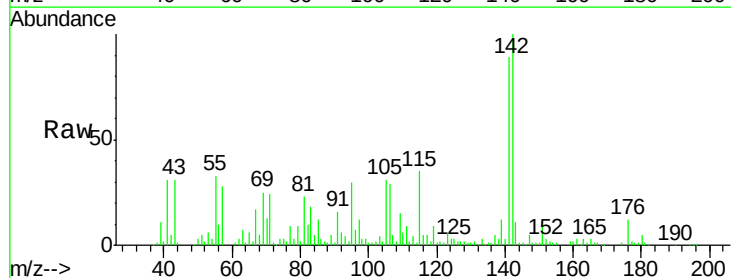
Tgt Ion:142 Resp: 108407

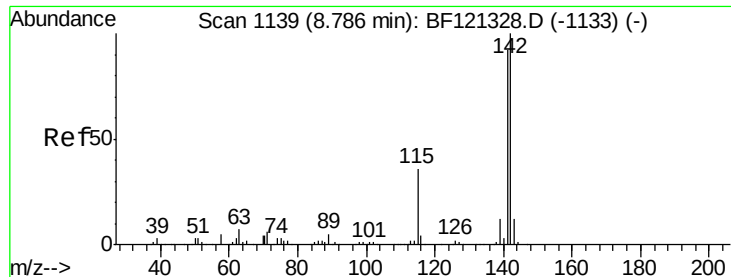
Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5

115 35.4 26.9 40.3

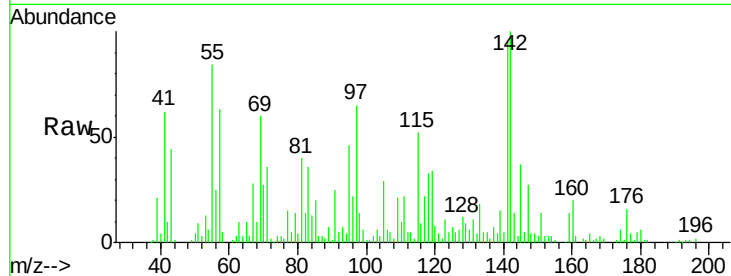




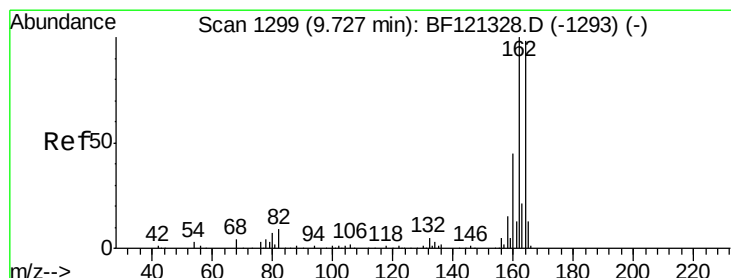
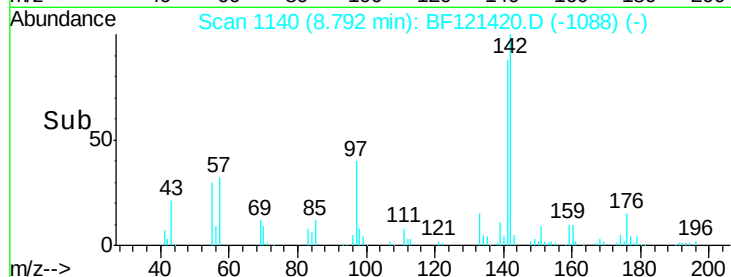
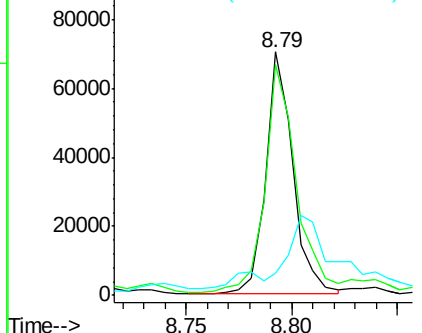
#38
1-Methylnaphthalene
Concen: 5.521 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion:142 Resp: 62901
Ion Ratio Lower Upper
142 100
141 94.9 73.6 110.4
116 9.2 3.0 4.4#

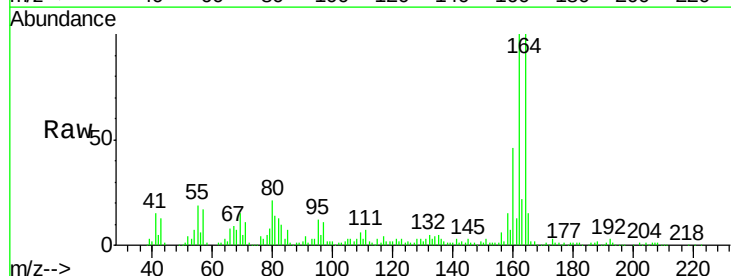


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

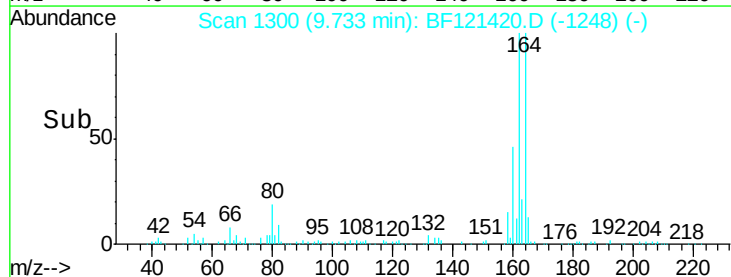
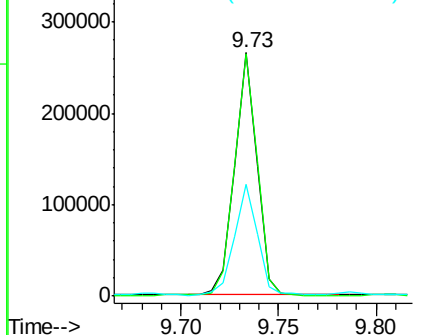


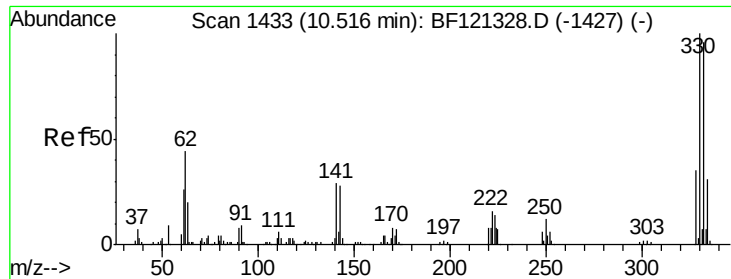
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Tgt Ion:164 Resp: 210753
Ion Ratio Lower Upper
164 100
162 99.6 81.7 122.5
160 45.9 37.0 55.4



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

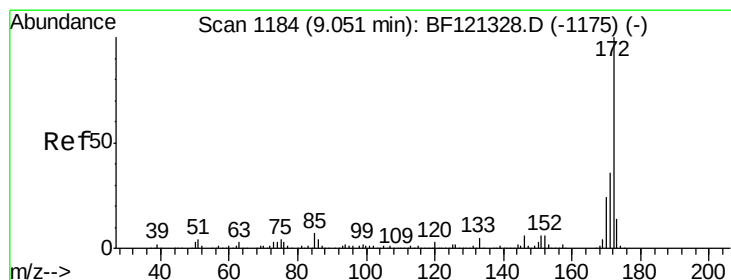
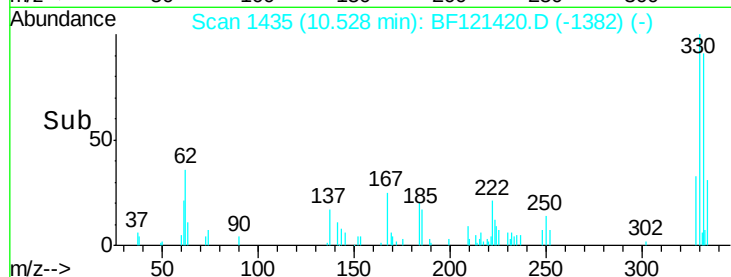
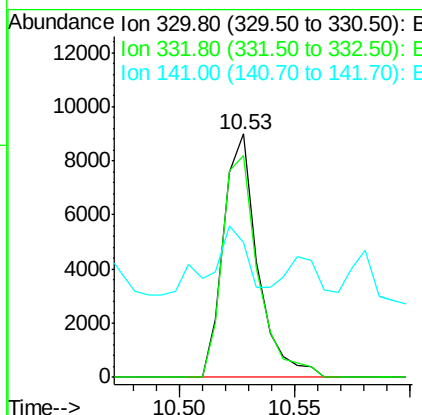
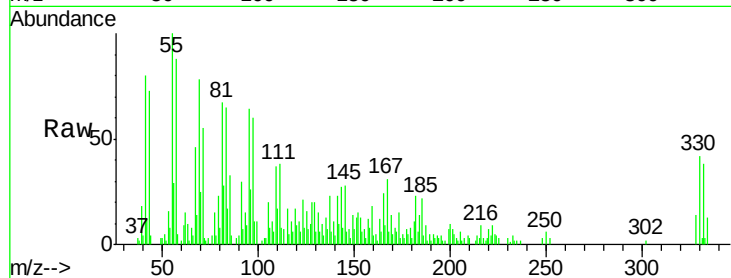




#42
 2,4,6-Tribromophenol
 Concen: 3.766 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

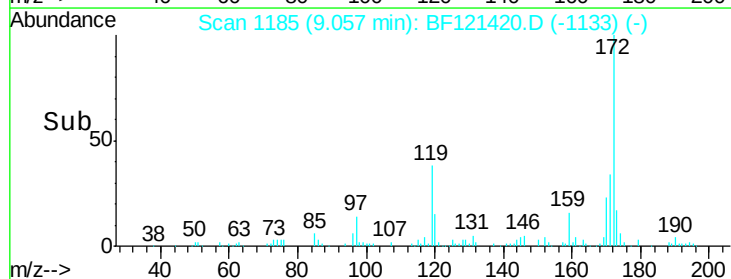
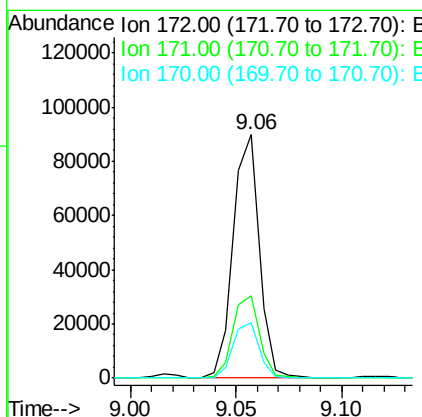
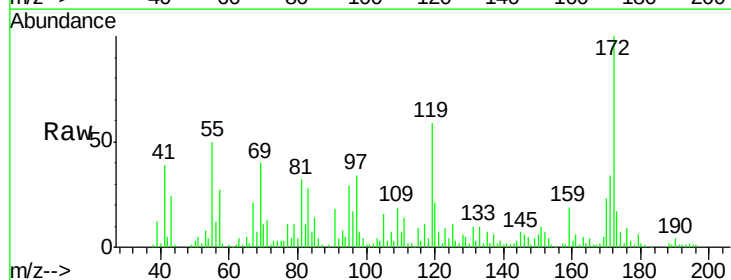
Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

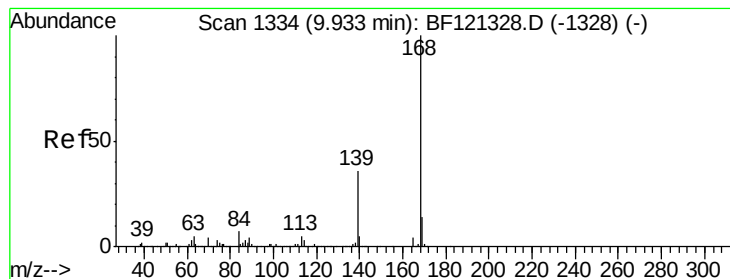
Tot Ion:330 Resp: 9248
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.9 115.3
 141 30.1 22.8 34.2



#45
 2-Fluorobiphenyl
 Concen: -7.013 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Tgt Ion:172 Resp: 76639
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.0 43.6
 170 22.7 19.4 29.2





#55

Dibenzenofuran

Concen: Below Cal

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

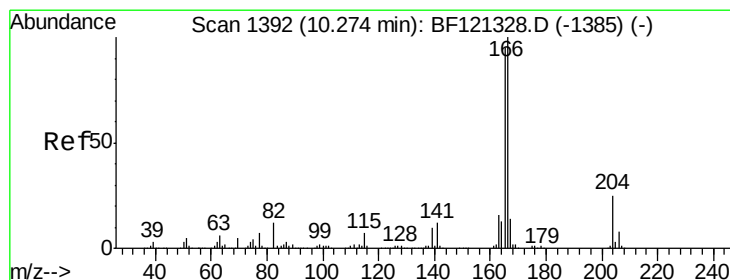
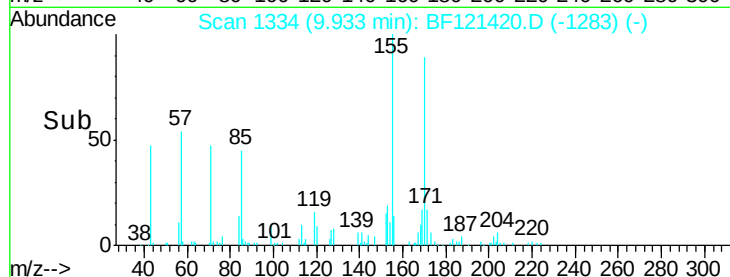
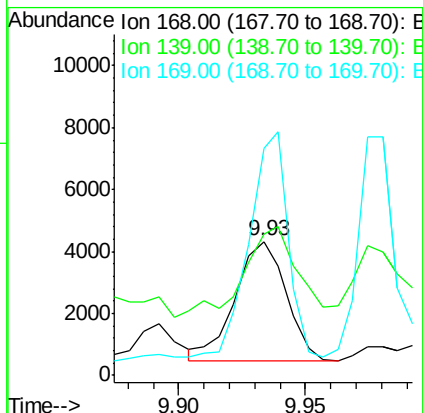
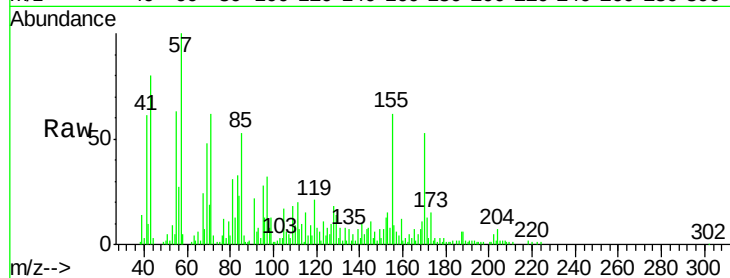
Tot Ion:168 Resp: 5395

Ion Ratio Lower Upper

168 100

139 105.9 29.1 43.7#

169 169.4 11.0 16.6#



#58

Fluorene

Concen: Below Cal

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

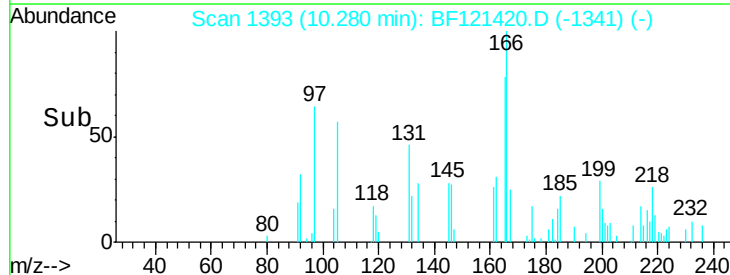
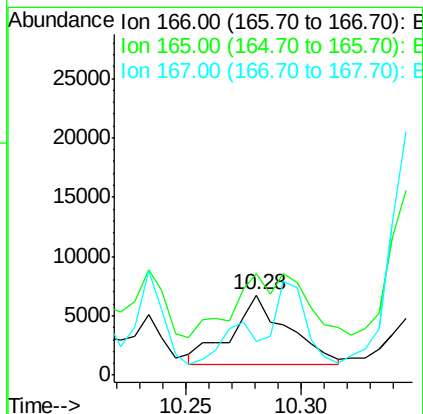
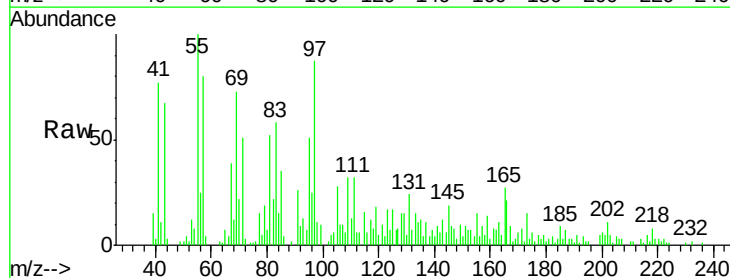
Tgt Ion:166 Resp: 9905

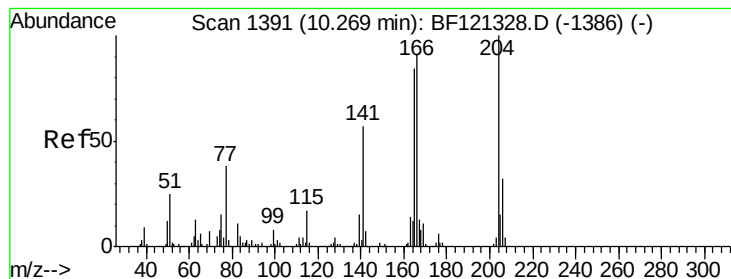
Ion Ratio Lower Upper

166 100

165 126.4 75.8 113.8#

167 42.0 11.0 16.4#





#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.29 min Scan# 1394

Delta R.T. 0.02 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

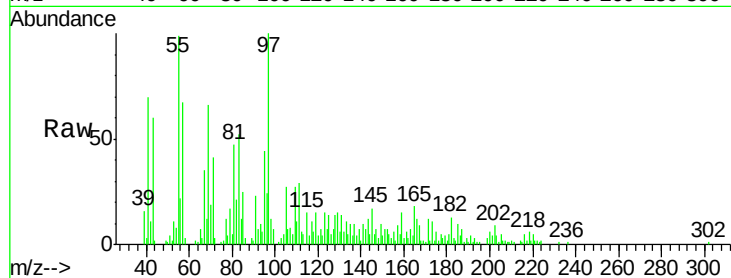
Tot Ion:204 Resp: 1062

Ion Ratio Lower Upper

204 100

206 142.1 25.9 38.9#

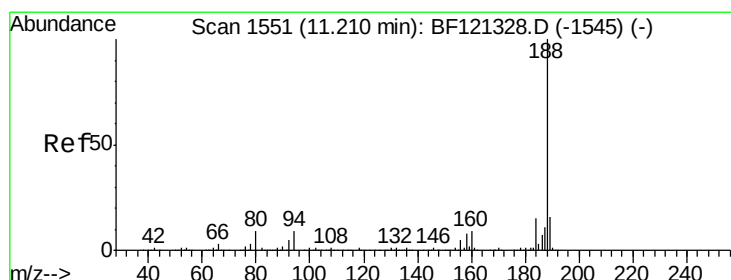
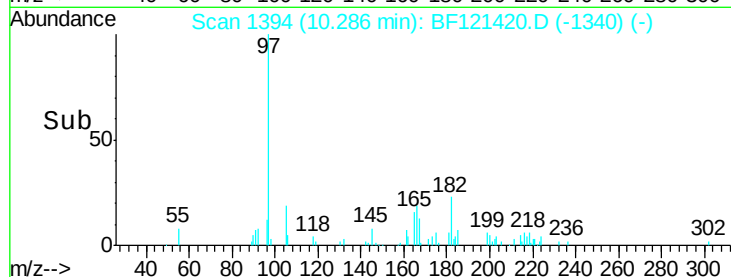
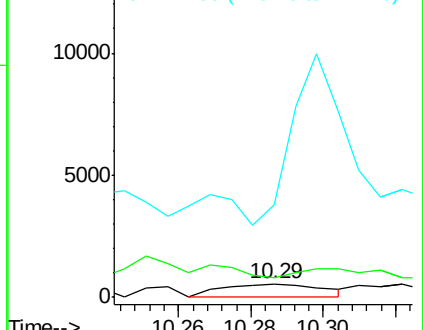
141 686.4 45.5 68.3#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

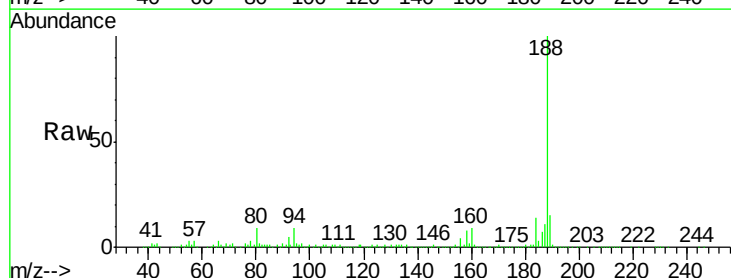
Tgt Ion:188 Resp: 362513

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

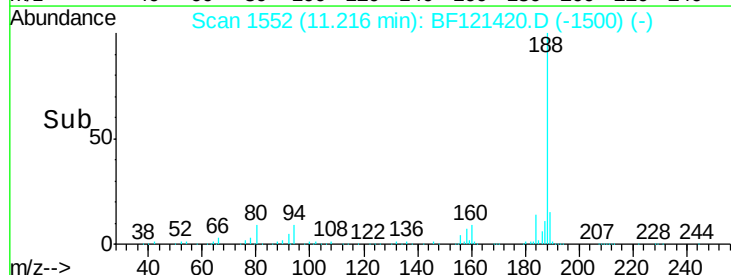
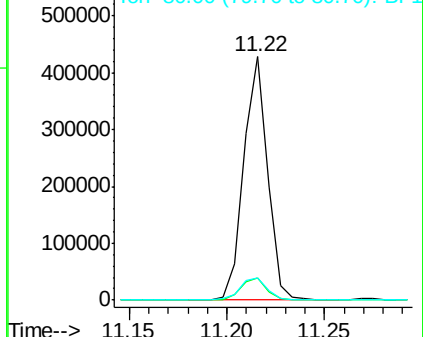
80 9.3 7.4 11.0

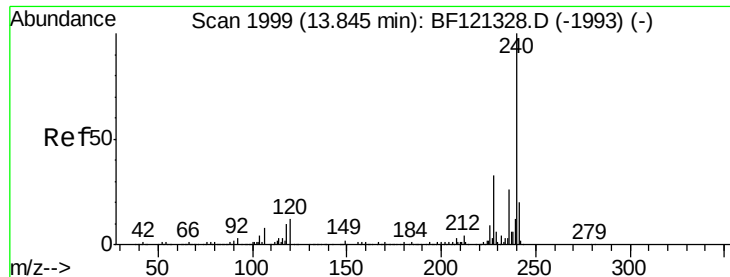


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

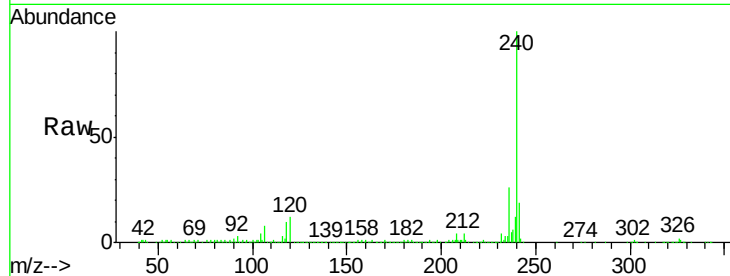




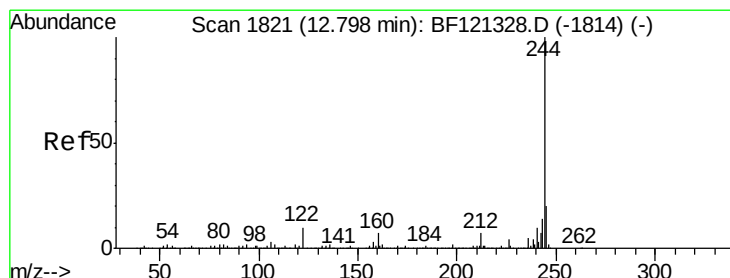
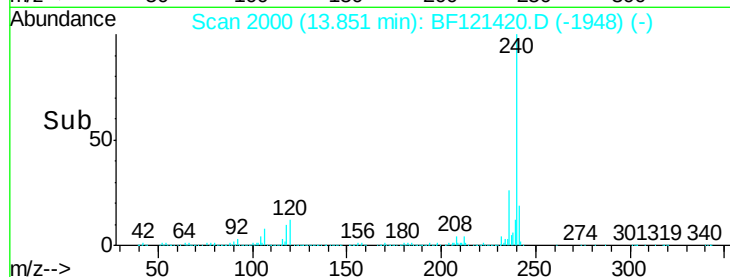
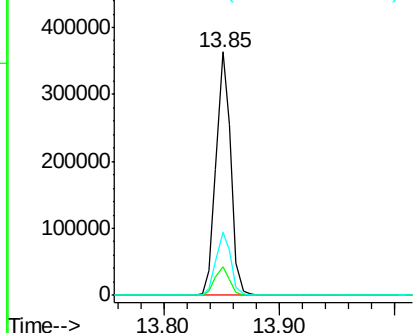
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	26.0	20.6	31.0

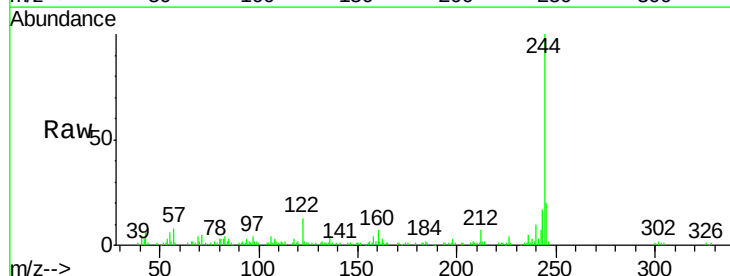


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

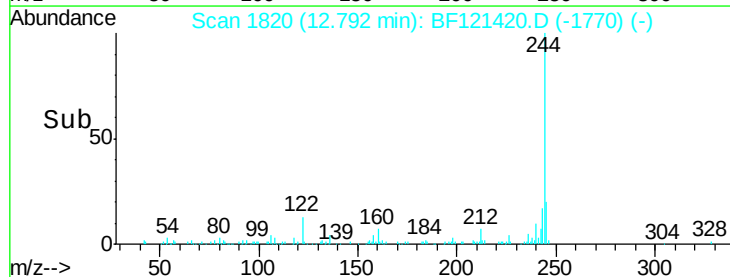
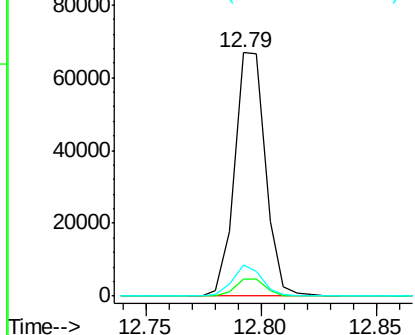


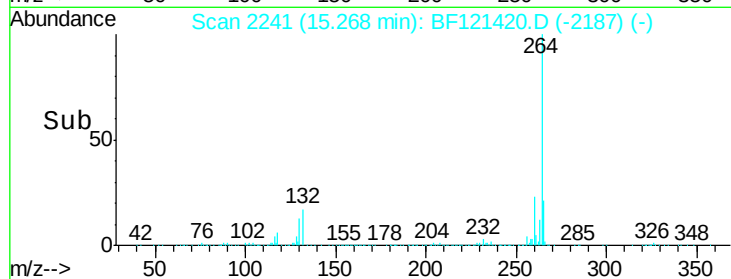
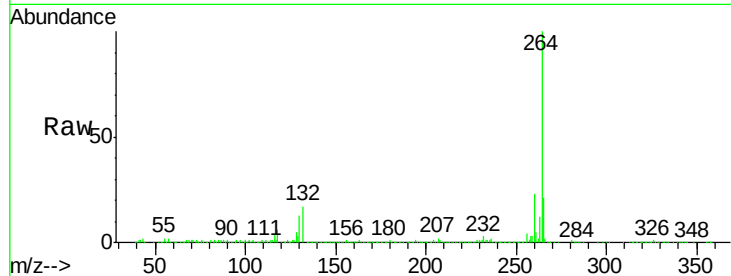
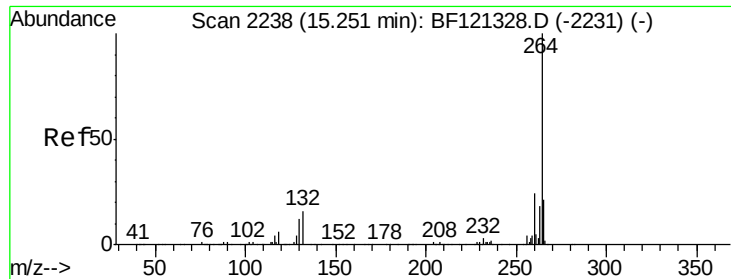
#79
 Terphenyl-d14
 Concen: 3.809 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	7.8	11.8#



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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.1	25.7

