

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112897.D
 Acq On : 6 Mar 2019 22:24
 Operator : JU/SJ
 Sample : K1738-02 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Mar 07 04:21:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

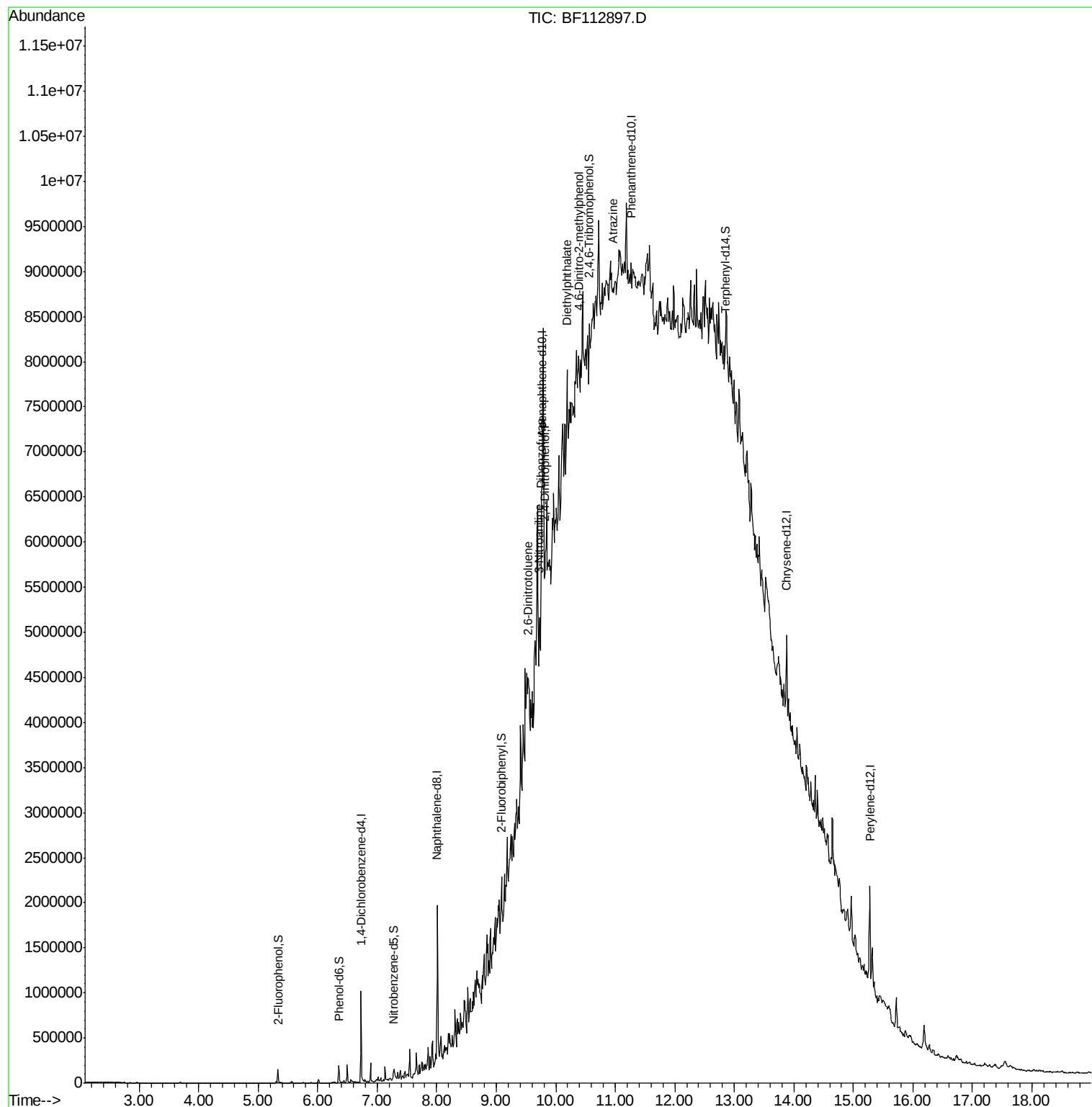
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	168761	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	631585	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	188388	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	246918	20.00	ng	0.02
76) Chrysene-d12	13.88	240	395079	20.00	ng	0.00
87) Perylene-d12	15.27	264	539776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	51376	4.74	ng	-0.01
7) Phenol-d6	6.36	99	72248	5.30	ng	-0.01
23) Nitrobenzene-d5	7.29	82	37342	3.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	8237	4.12	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	72730	3.74	ng	-0.01
79) Terphenyl-d14	12.84	244	45132	2.21	ng	0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.55	165	31580	10.917	ng	# 29
53) 3-Nitroaniline	9.73	138	13705	3.888	ng	# 26
54) 2,4-Dinitrophenol	9.81	184	1050	7.269	ng	# 1
55) Dibenzofuran	9.75	168	43394	2.507	ng	93
60) Diethylphthalate	10.19	149	55917	3.811	ng	# 61
65) 4,6-Dinitro-2-methylphenol	10.39	198	1774	6.193	ng	# 1
69) Atrazine	10.97	200	20382	8.404	ng	# 13

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

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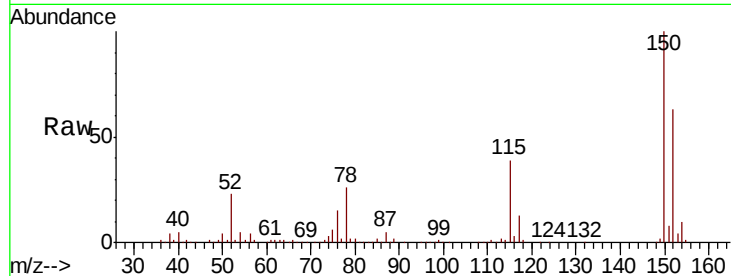


#1

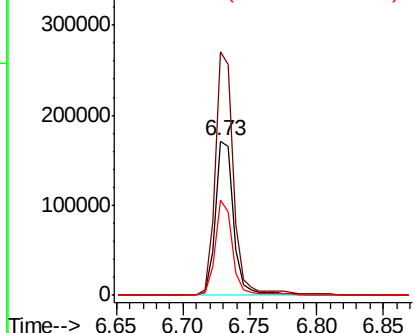
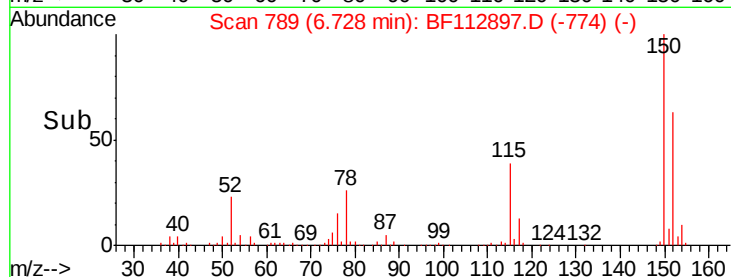
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tgt Ion:152 Resp: 168761
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.2 186.2
 115 61.4 48.2 72.4



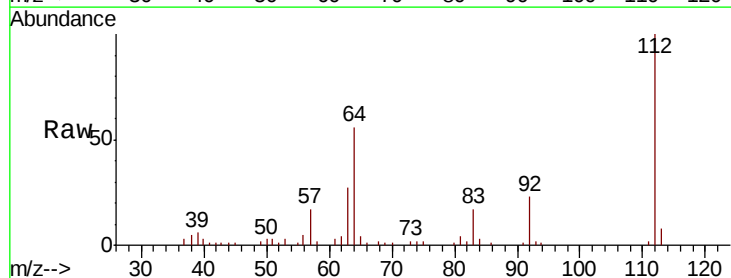
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



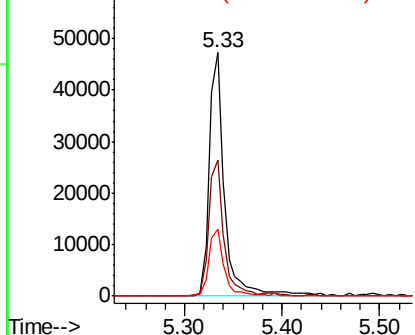
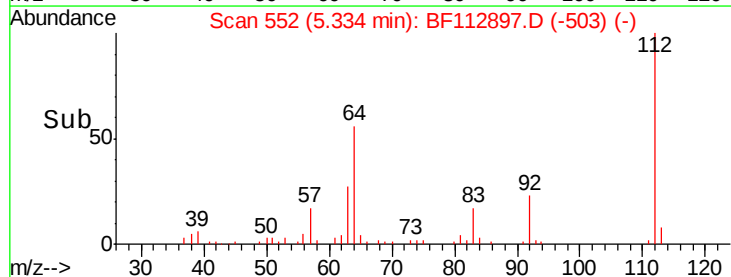
#5

2-Fluorophenol
 Concen: 4.736 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

Tgt Ion:112 Resp: 51376
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.6 71.4
 63 27.4 24.4 36.6



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: 5.301 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

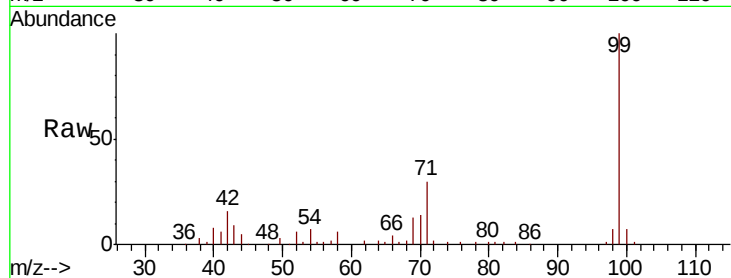
Tgt Ion: 99 Resp: 72248

Ion Ratio Lower Upper

99 100

42 16.2 16.3 24.5#

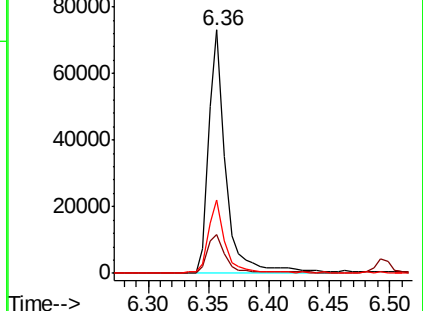
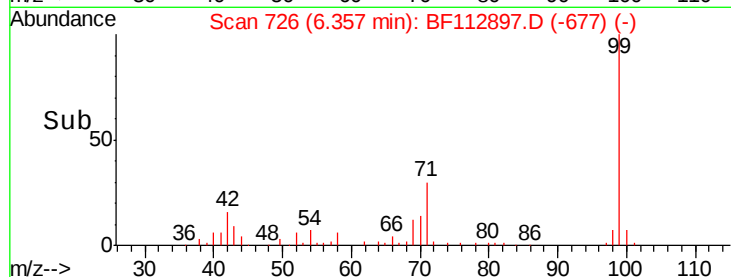
71 30.1 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Tgt Ion: 136 Resp: 631585

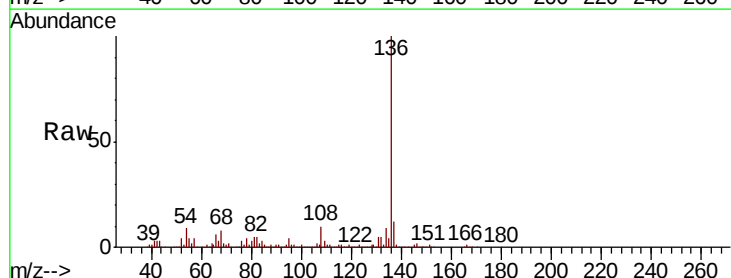
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 8.9 7.3 10.9

68 7.5 5.4 8.2

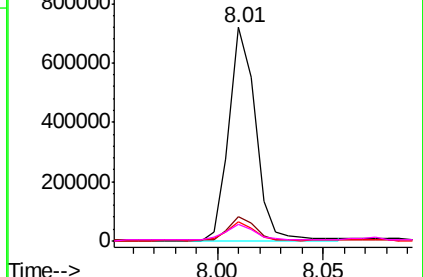
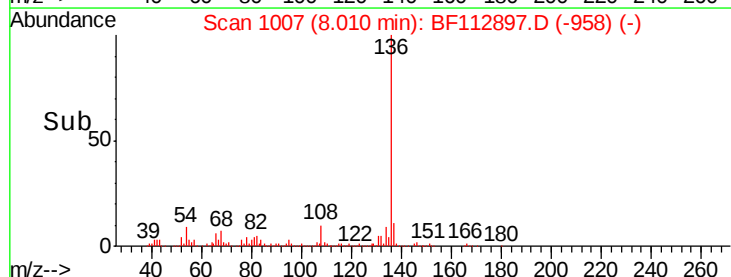


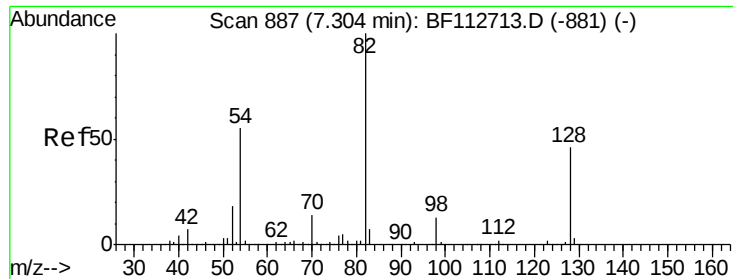
Abundance Ion 136.00 (135.70 to 136.70): E

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

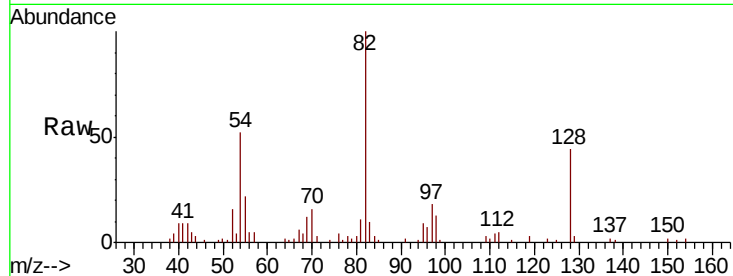




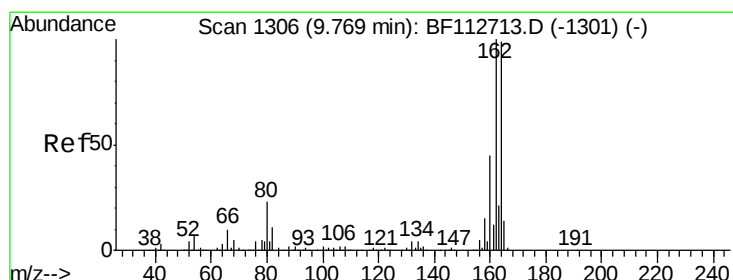
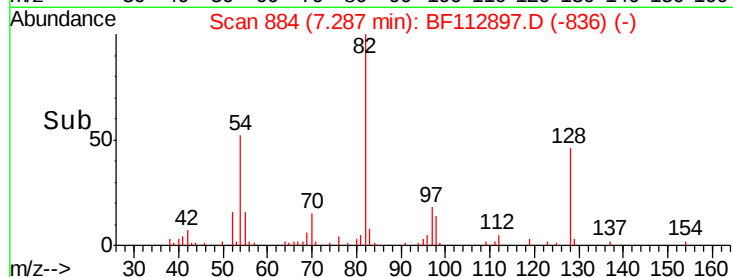
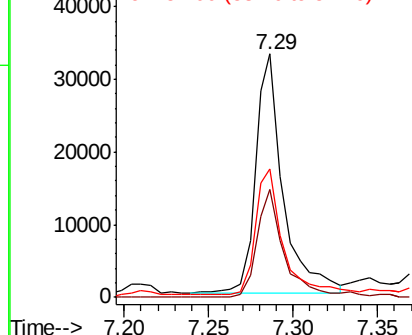
#23
Nitrobenzene-d5
Concen: 3.538 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tgt Ion: 82 Resp: 37342
Ion Ratio Lower Upper
82 100
128 44.4 36.3 54.5
54 52.5 43.7 65.5

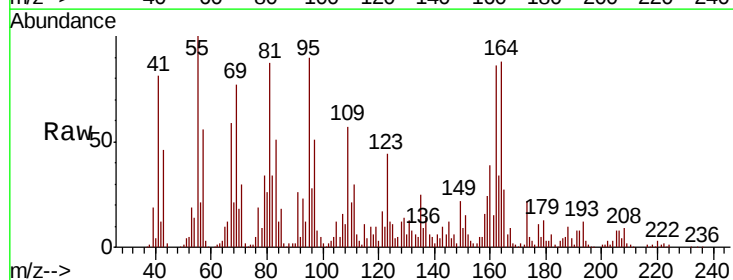


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

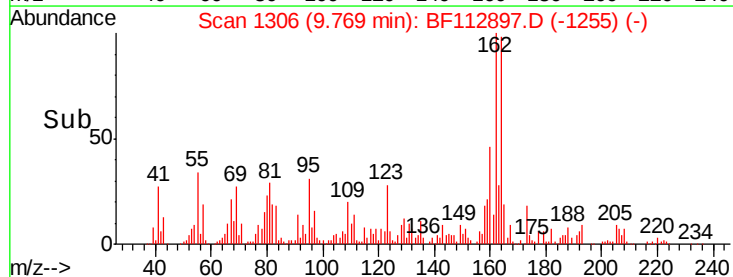
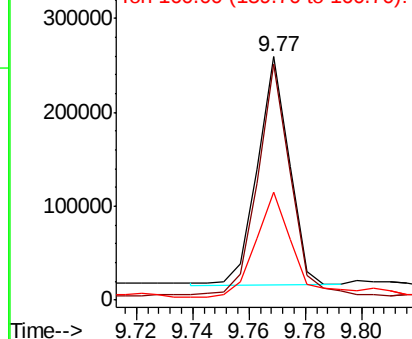


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Tgt Ion: 164 Resp: 188388
Ion Ratio Lower Upper
164 100
162 96.8 80.6 120.8
160 44.6 36.0 54.0



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: 4.119 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

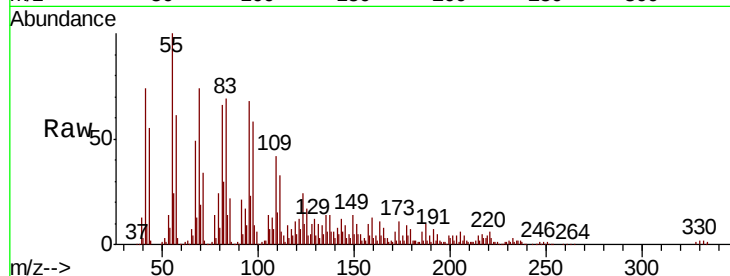
Tgt Ion:330 Resp: 8237

Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

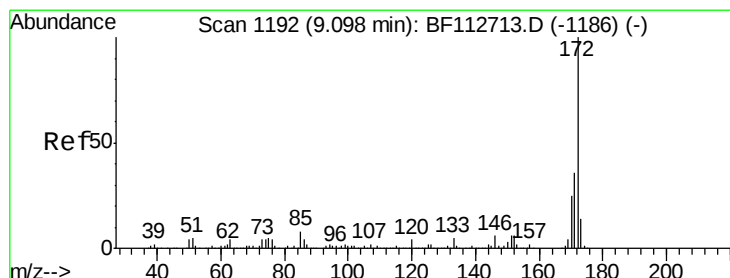
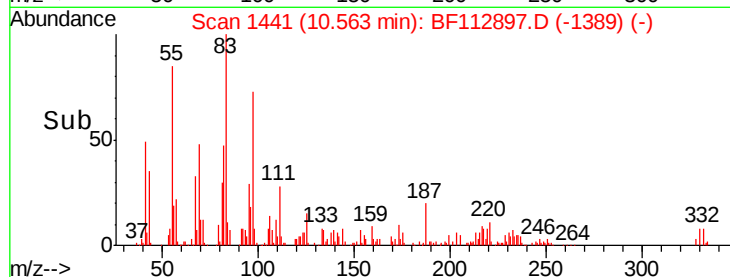
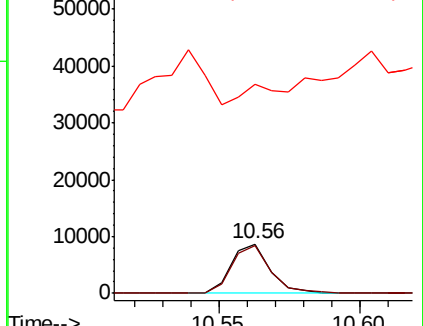
141 0.0 27.0 40.6#



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: 3.738 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

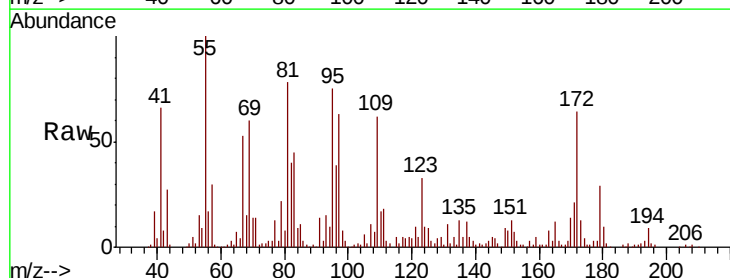
Tgt Ion:172 Resp: 72730

Ion Ratio Lower Upper

172 100

171 33.0 29.0 43.4

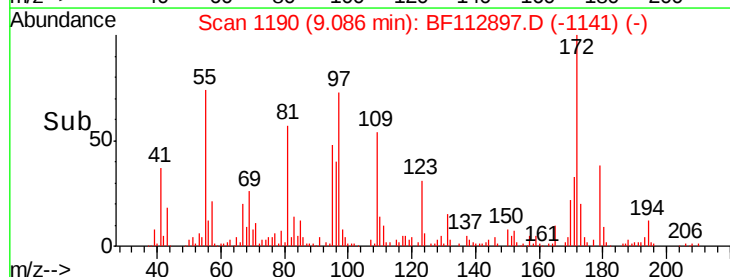
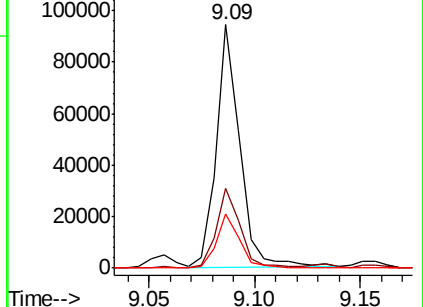
170 22.4 20.0 30.0

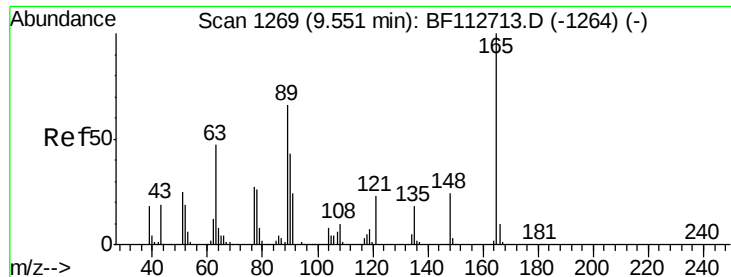


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

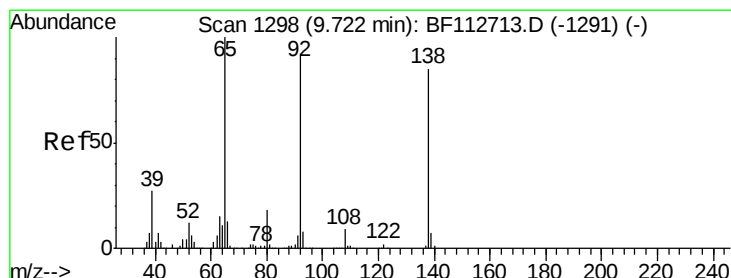
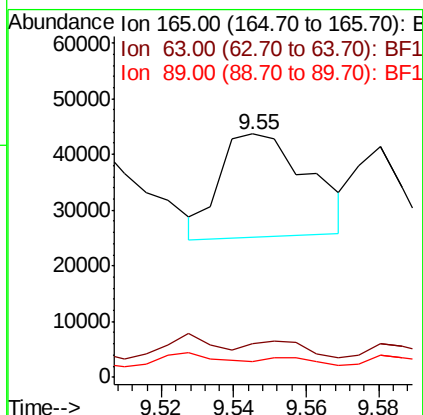
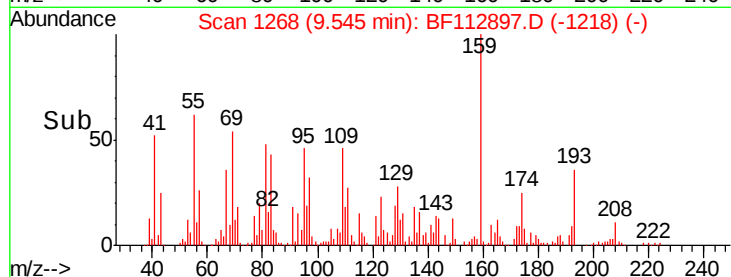
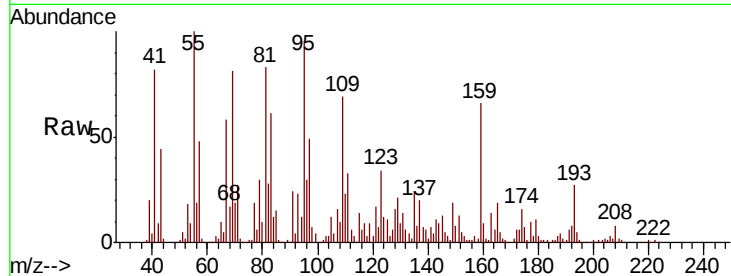




#51
 2,6-Dinitrotoluene
 Concen: 10.917 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

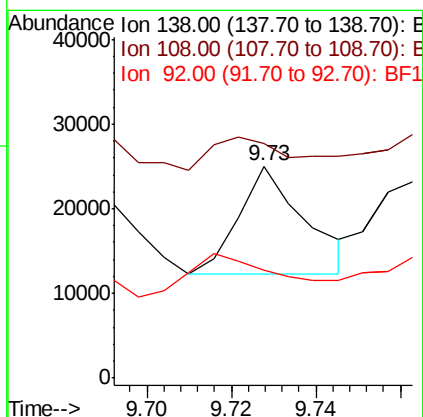
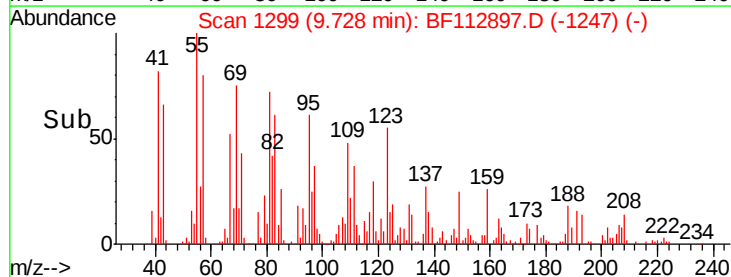
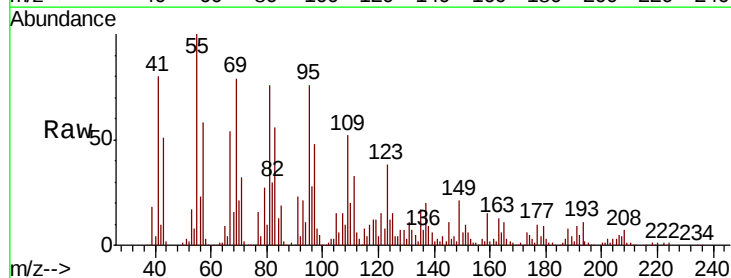
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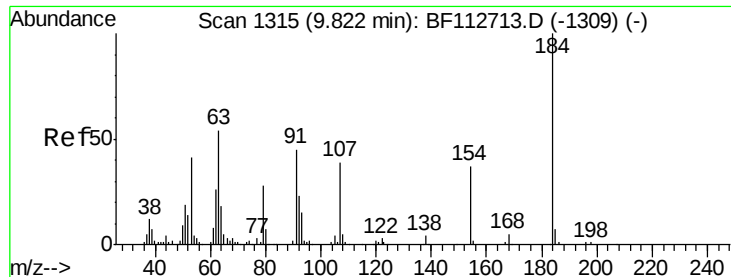
Tgt Ion:165 Resp: 31580
 Ion Ratio Lower Upper
 165 100
 63 13.8 54.1 81.1#
 89 6.7 52.8 79.2#



#53
 3-Nitroaniline
 Concen: 3.888 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

Tgt Ion:138 Resp: 13705
 Ion Ratio Lower Upper
 138 100
 108 110.9 8.6 13.0#
 92 51.0 86.6 129.8#





#54

2,4-Dinitrophenol

Concen: 7.269 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

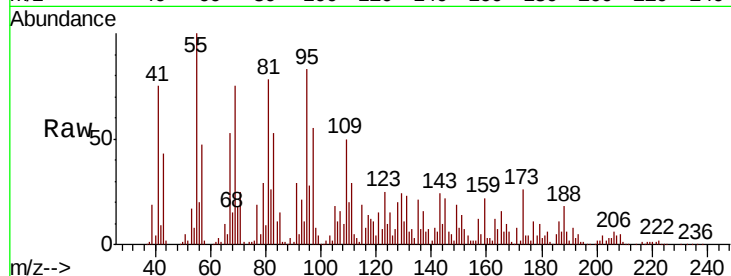
Tgt Ion:184 Resp: 1050

Ion Ratio Lower Upper

184 100

63 1361.5 45.3 67.9#

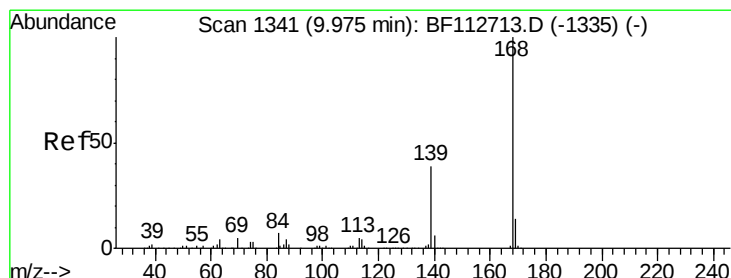
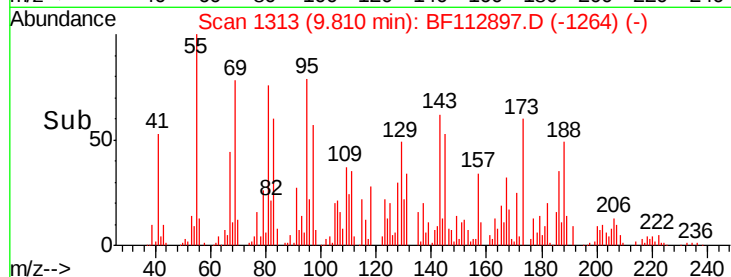
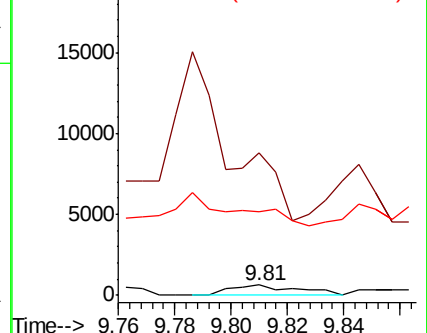
154 797.7 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 2.507 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

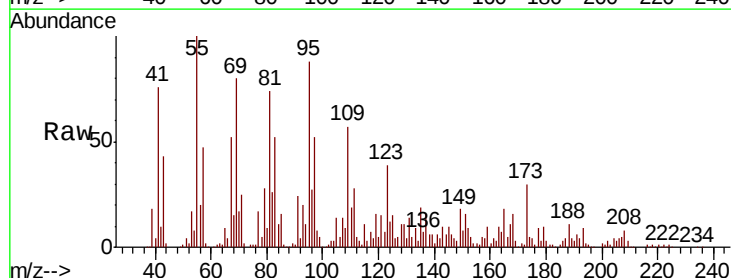
Tgt Ion:168 Resp: 43394

Ion Ratio Lower Upper

168 100

139 34.4 31.3 46.9

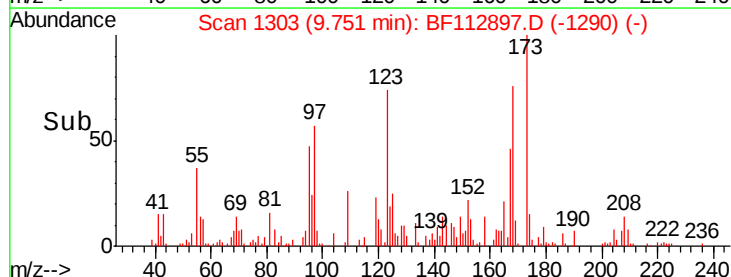
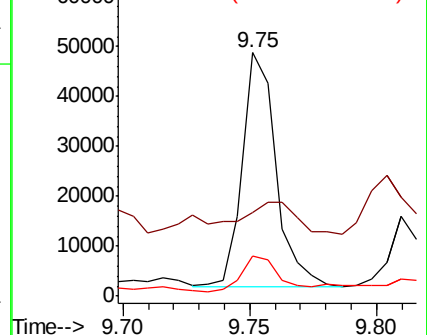
169 16.6 11.3 16.9

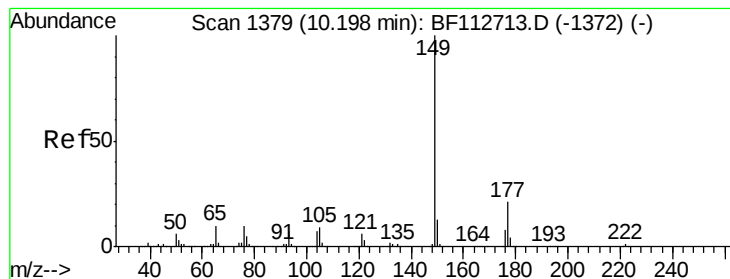


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#60

Diethylphthalate

Concen: 3.811 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

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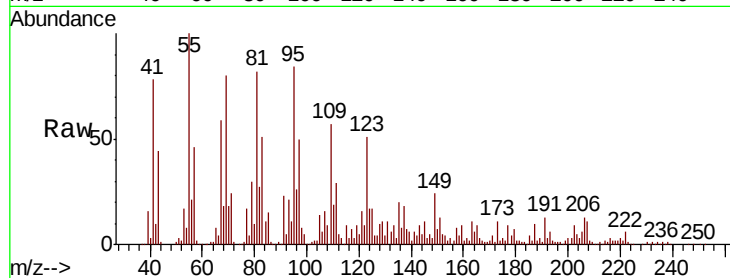
Tgt Ion:149 Resp: 55917

Ion Ratio Lower Upper

149 100

177 38.2 17.0 25.6#

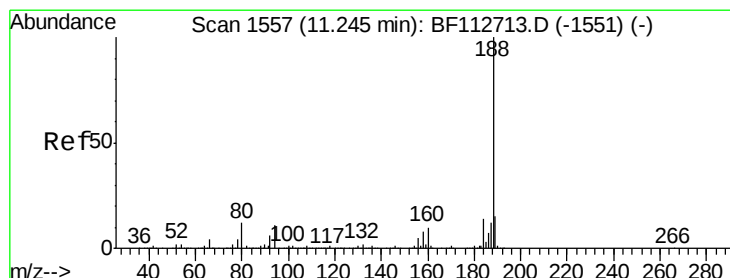
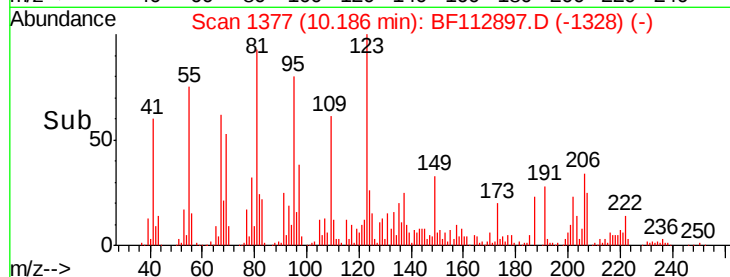
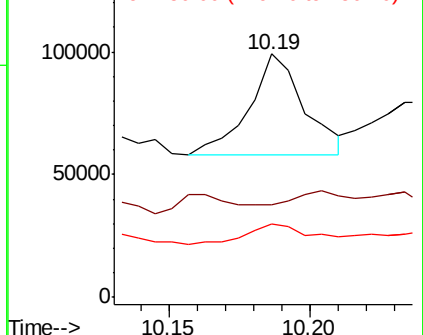
150 30.1 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.02 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

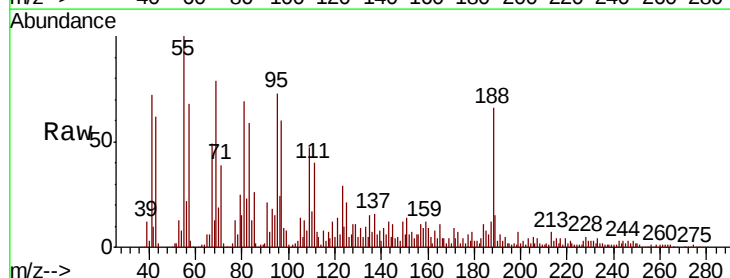
Tgt Ion:188 Resp: 246918

Ion Ratio Lower Upper

188 100

94 22.6 9.0 13.4#

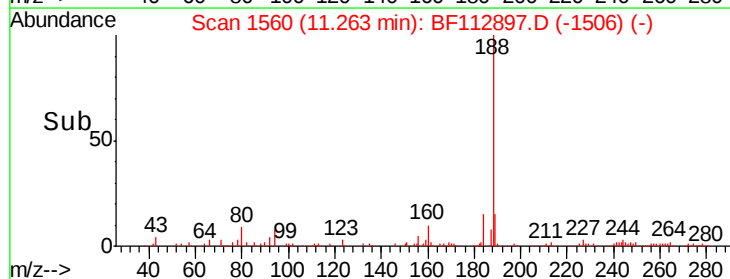
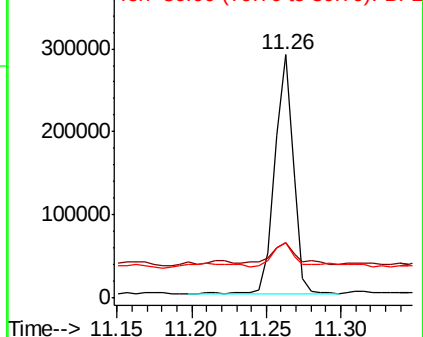
80 22.7 9.2 13.8#

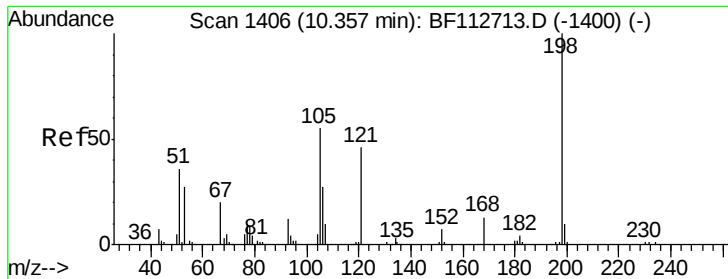


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

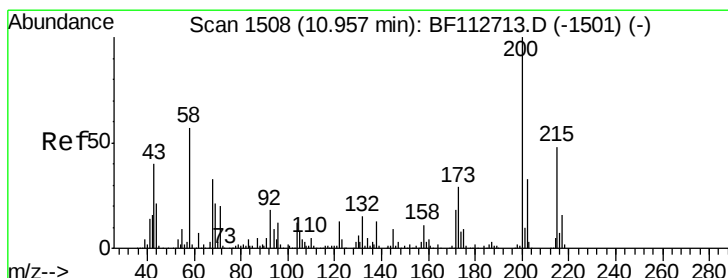
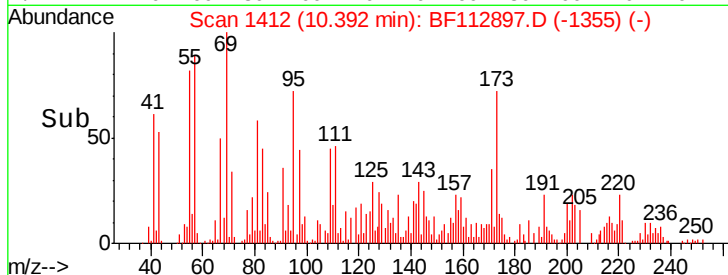
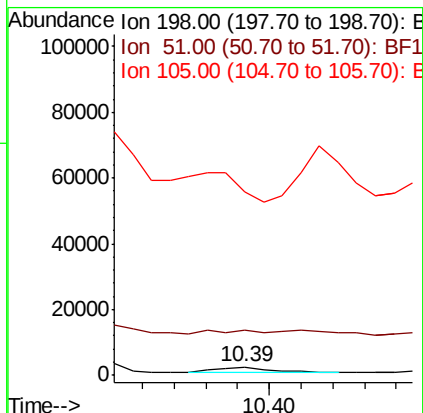
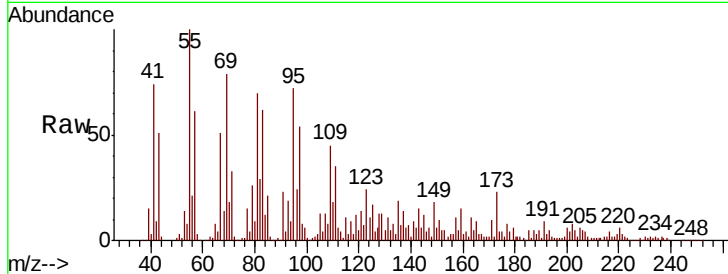




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.193 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.04 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

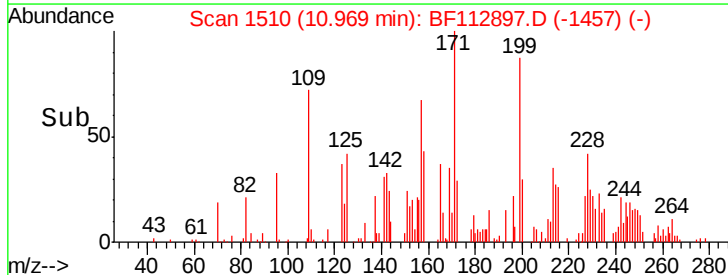
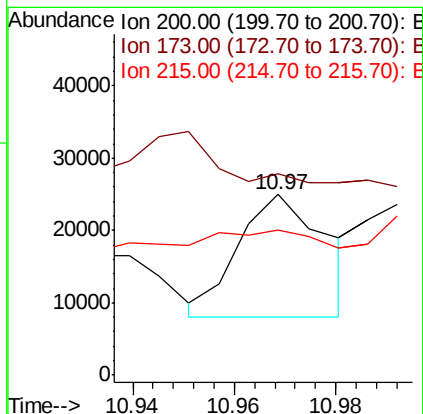
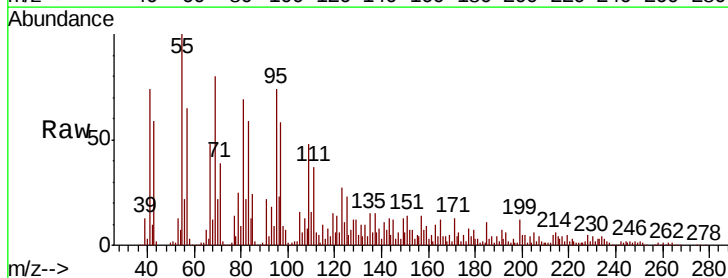
Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

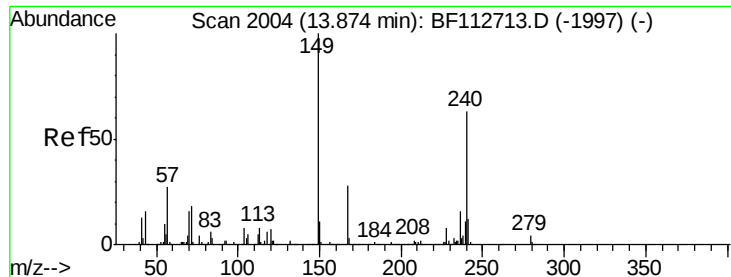
Tgt Ion:198 Resp: 1774
 Ion Ratio Lower Upper
 198 100
 51 552.4 43.8 83.8#
 105 2246.7 36.5 76.5#



#69
 Atrazine
 Concen: 8.404 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

Tgt Ion:200 Resp: 20382
 Ion Ratio Lower Upper
 200 100
 173 111.6 9.1 49.1#
 215 80.1 28.2 68.2#

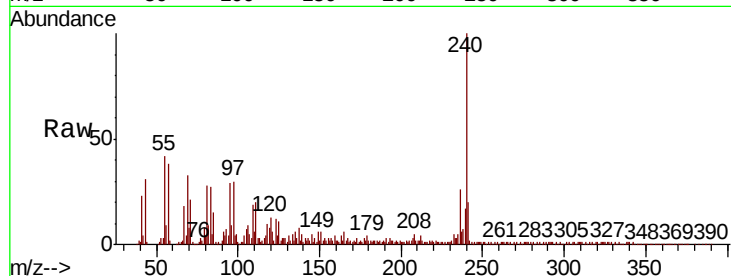




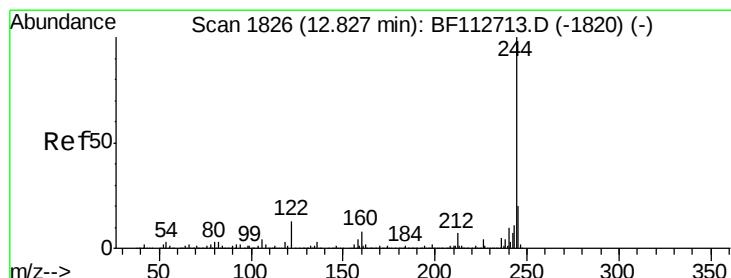
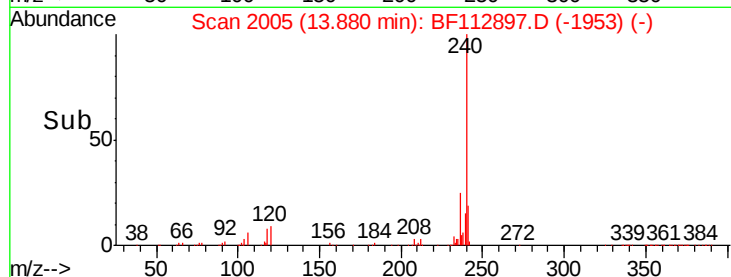
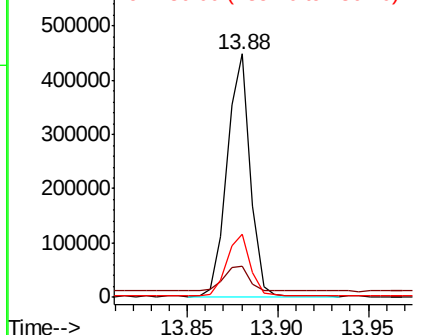
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tgt Ion:240 Resp: 395079
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.9 20.7 31.1

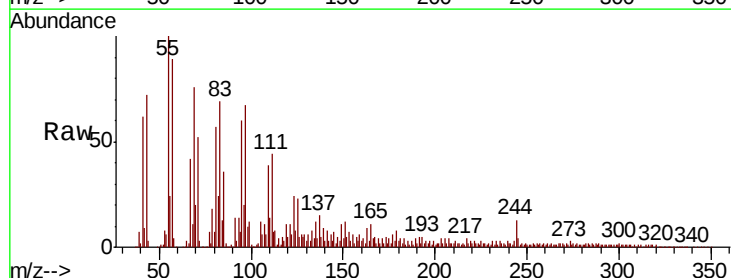


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

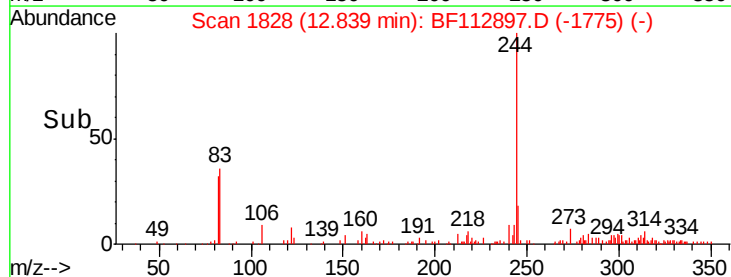
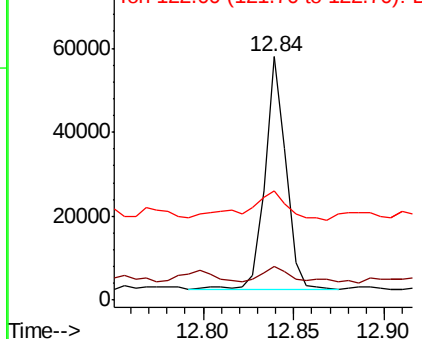


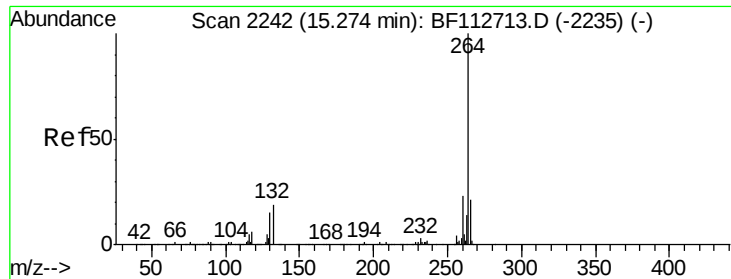
#79
Terphenyl-d14
Concen: 2.214 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Tgt Ion:244 Resp: 45132
Ion Ratio Lower Upper
244 100
212 13.9 5.6 8.4#
122 44.9 10.5 15.7#



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
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.5	17.2	25.8

