

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113064.D
 Acq On : 15 Mar 2019 14:31
 Operator : JU/SJ
 Sample : K1906-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Mar 15 22:53:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

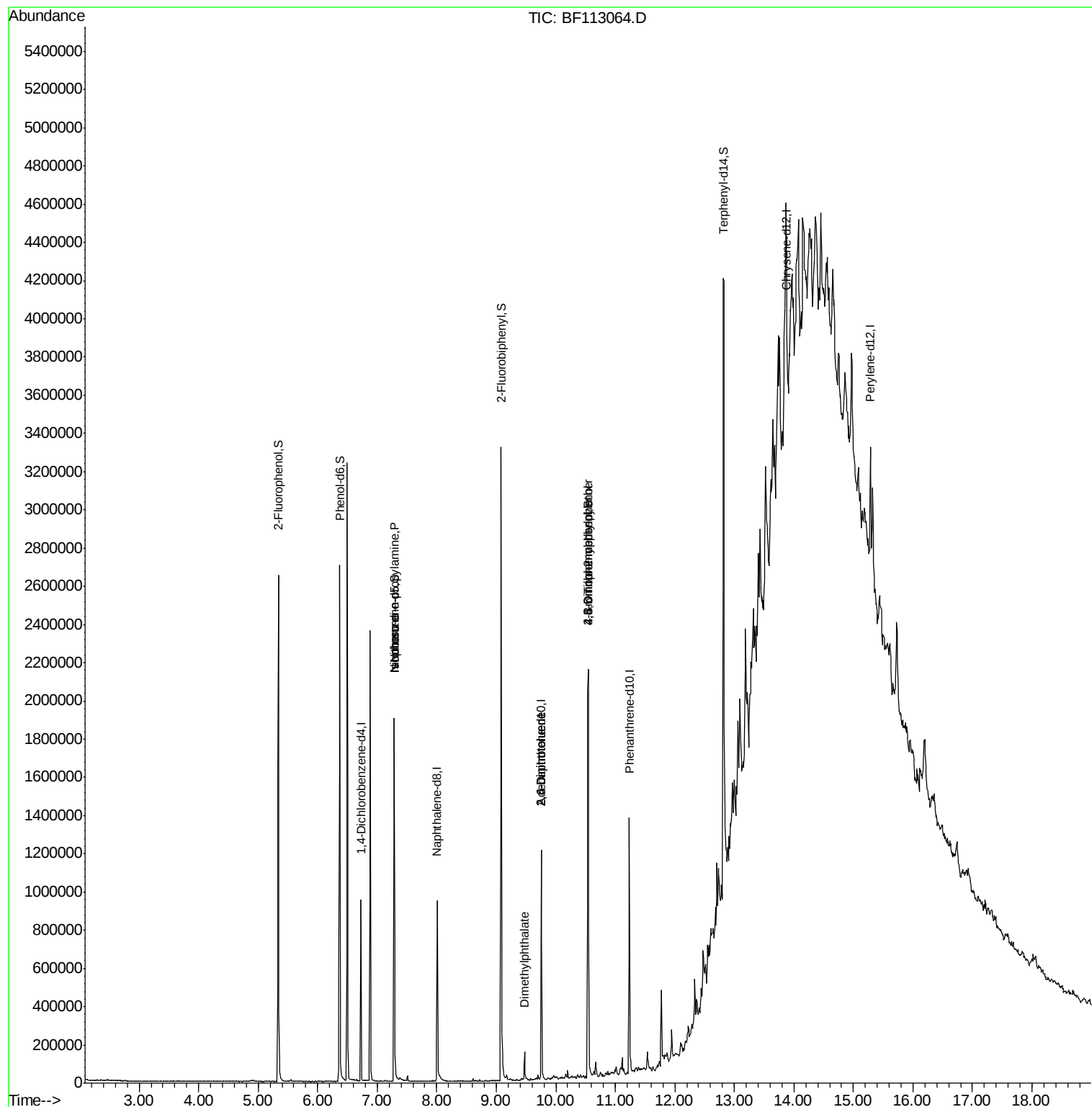
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	138119	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	510489	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	241843	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	532673	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	338411	20.00	ng	0.00
87) Perylene-d12	15.29	264	381300	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	769910	86.71	ng	0.00
7) Phenol-d6	6.37	99	1008638	90.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	598036	70.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	327321	127.49	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1198906	81.16	ng	-0.01
79) Terphenyl-d14	12.82	244	1300646	74.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	78543	11.119	ng	# 76
25) Isophorone	7.29	82	593356	32.284	ng	# 66
50) Dimethylphthalate	9.47	163	61985	3.476	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	31818	8.568	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	31818	6.893	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	513	4.825	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	18496	3.297	ng	# 1

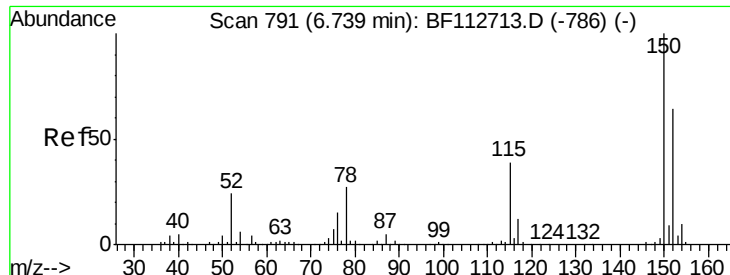
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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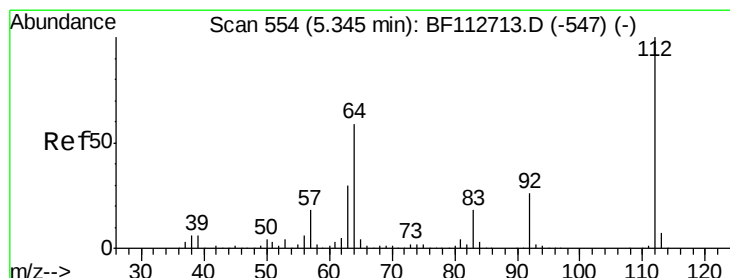
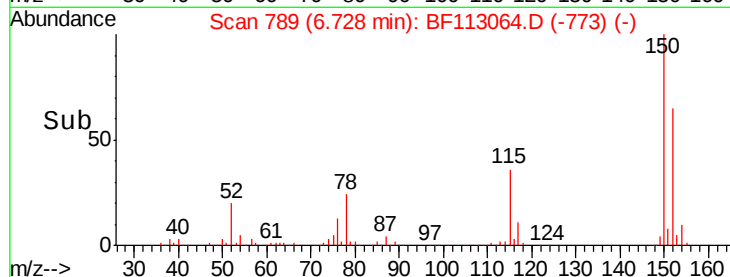
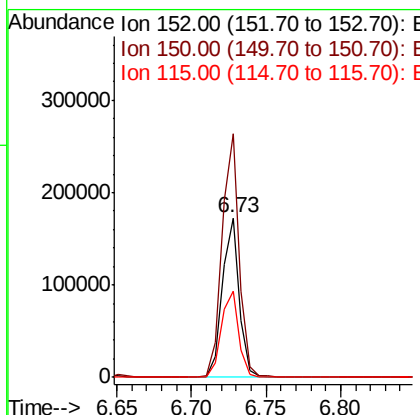
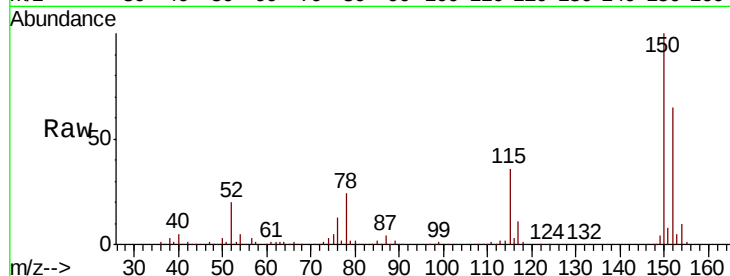




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113064.D
 Acq: 15 Mar 2019 14:31

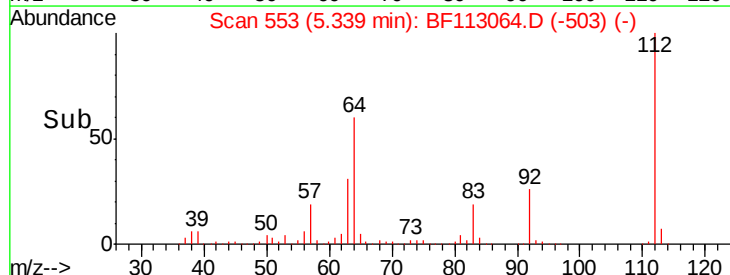
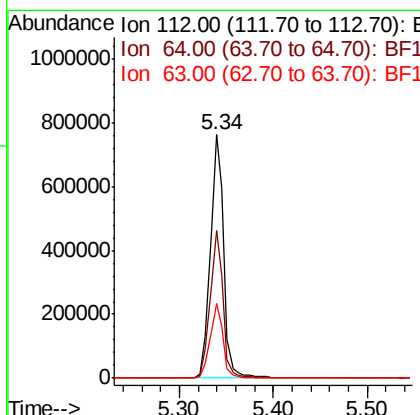
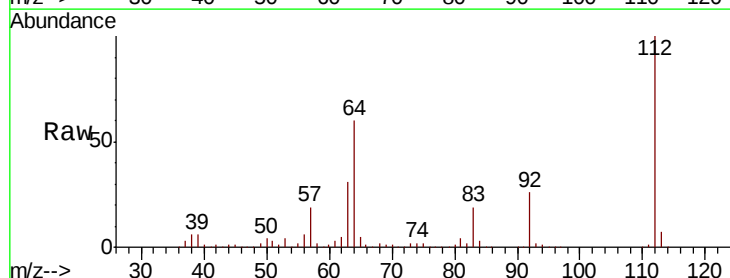
Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

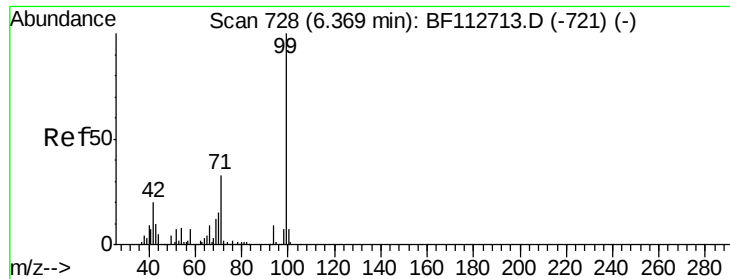
Tgt Ion:152 Resp: 138119
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.2 186.2
 115 54.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 86.710 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113064.D
 Acq: 15 Mar 2019 14:31

Tgt Ion:112 Resp: 769910
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.6 71.4
 63 30.7 24.4 36.6





#7

Phenol-d6

Concen: 90.431 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113064.D

Acq: 15 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

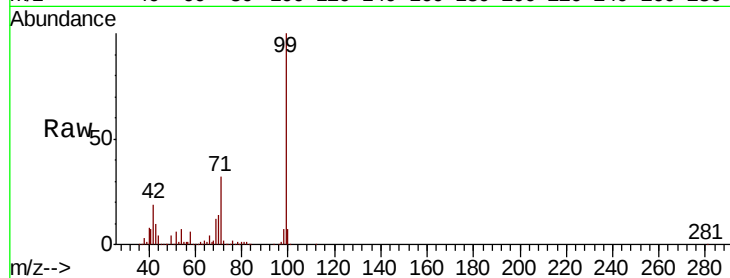
Tgt Ion: 99 Resp: 1008638

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

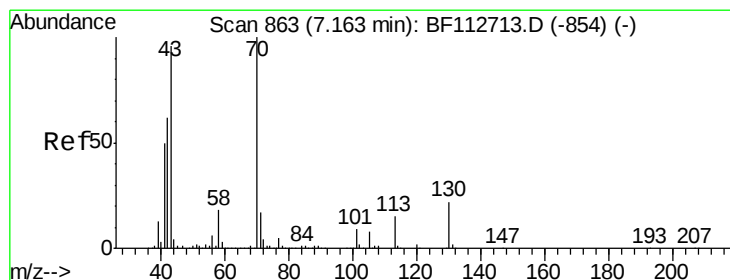
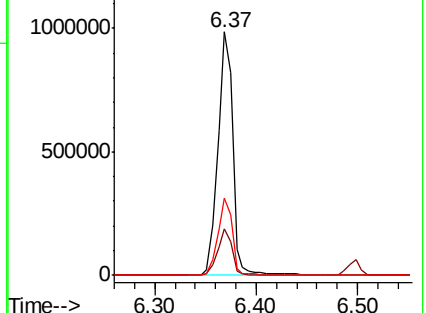
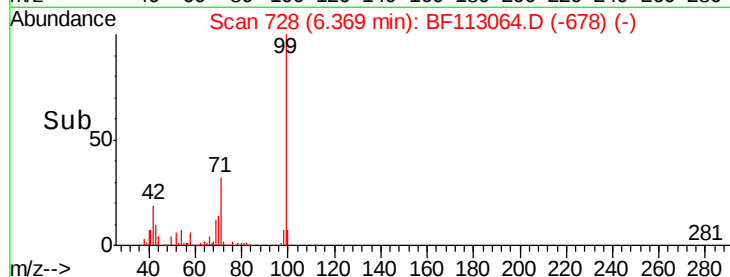
71 31.9 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.119 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113064.D

Acq: 15 Mar 2019 14:31

Tgt Ion: 70 Resp: 78543

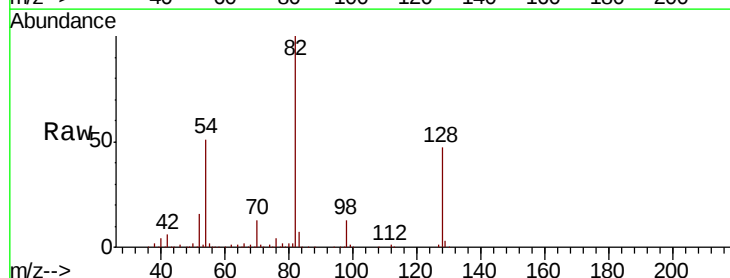
Ion Ratio Lower Upper

70 100

42 48.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

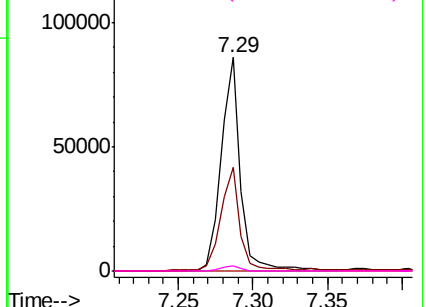
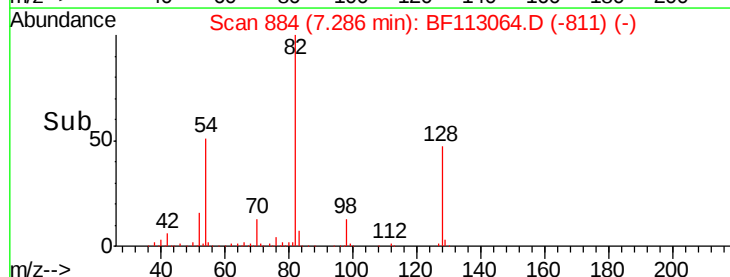


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

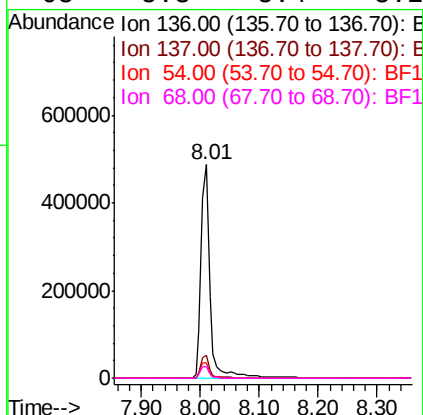
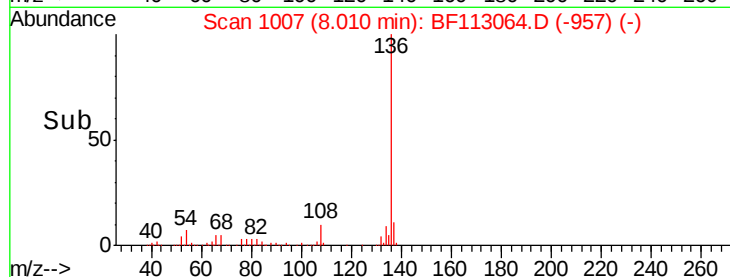
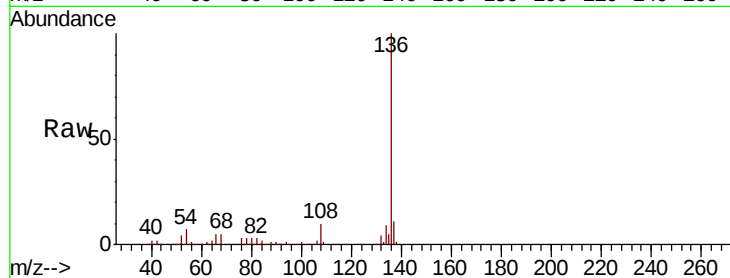




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

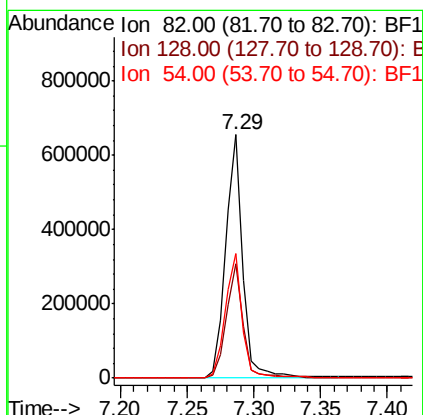
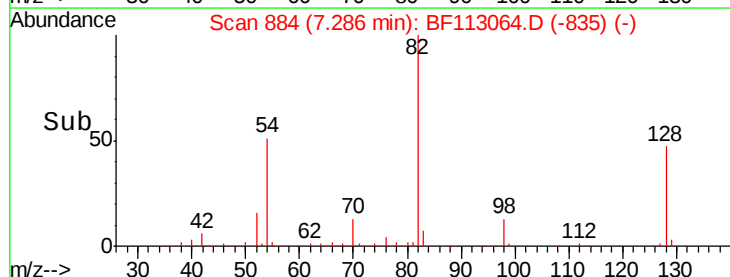
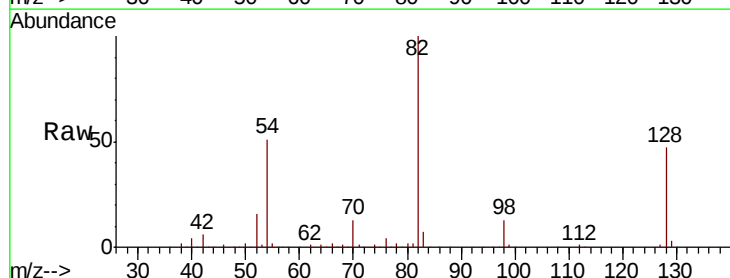
Instrument :
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OILY-DEBRIS

Tgt Ion:	136	Resp:	510489
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.0	7.3	10.9#
68	5.3	5.4	8.2#



#23
Nitrobenzene-d5
Concen: 70.100 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

Tgt Ion:	82	Resp:	598036
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	51.3	43.7	65.5





#25

Isophorone

Concen: 32.284 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113064.D

Acq: 15 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

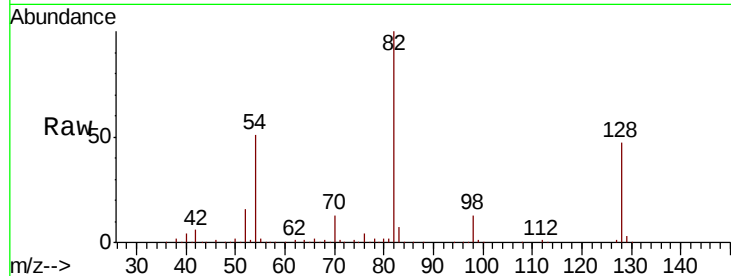
Tgt Ion: 82 Resp: 593356

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

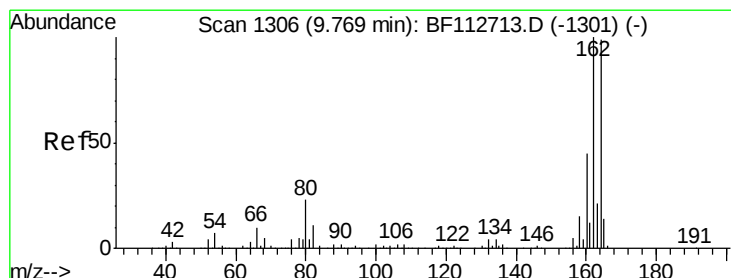
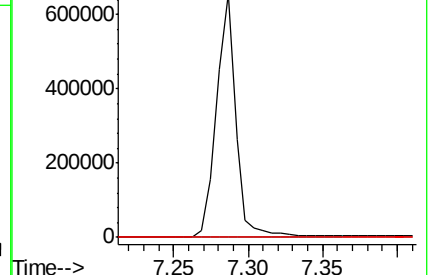
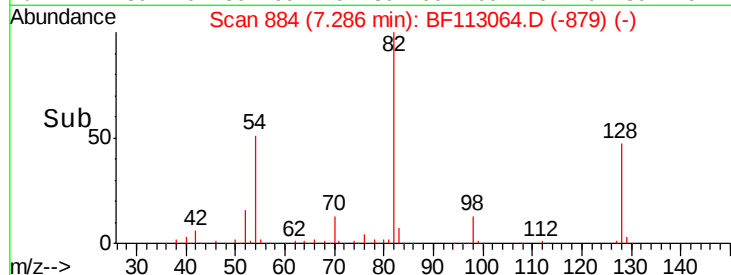
138 0.0 13.8 20.8#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113064.D

Acq: 15 Mar 2019 14:31

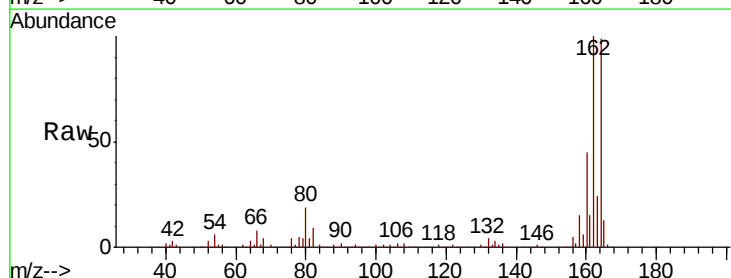
Tgt Ion: 164 Resp: 241843

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

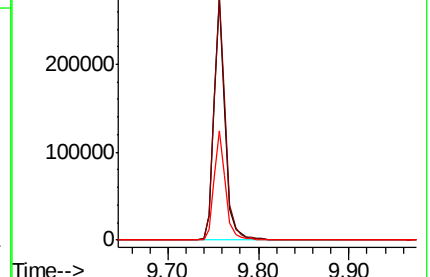
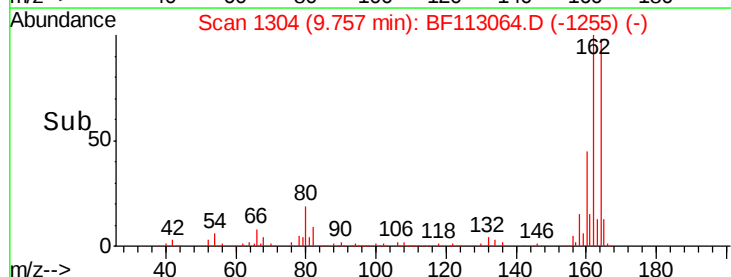
160 45.1 36.0 54.0

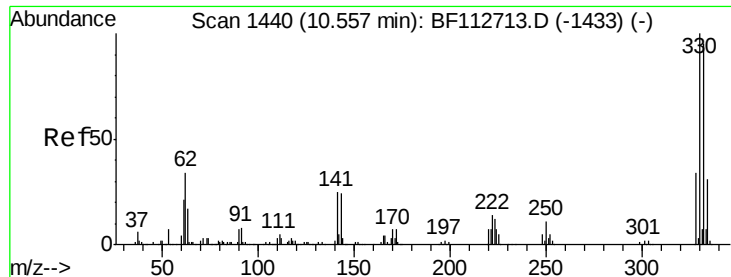


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 127.488 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113064.D

Acq: 15 Mar 2019 14:31

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ClientSampleId :

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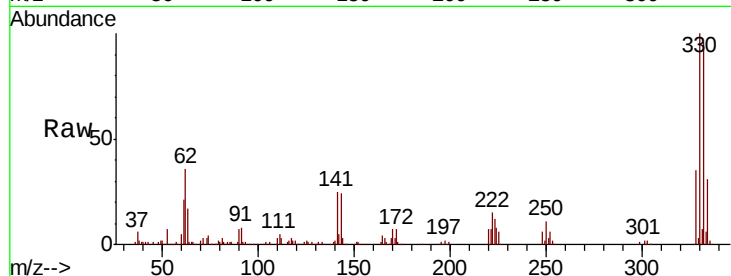
Tgt Ion:330 Resp: 327321

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

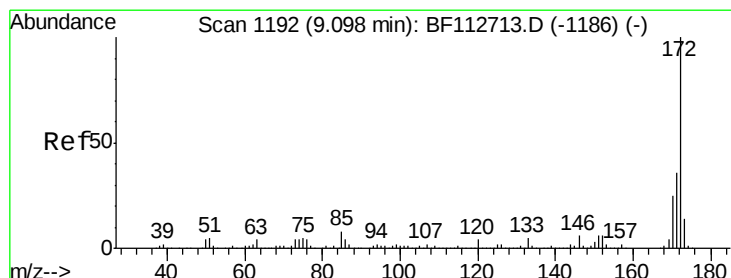
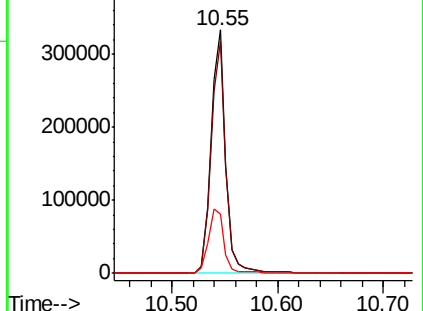
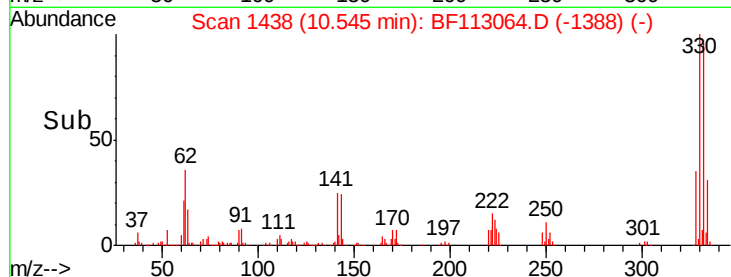
141 28.6 27.0 40.6



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: 81.160 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113064.D

Acq: 15 Mar 2019 14:31

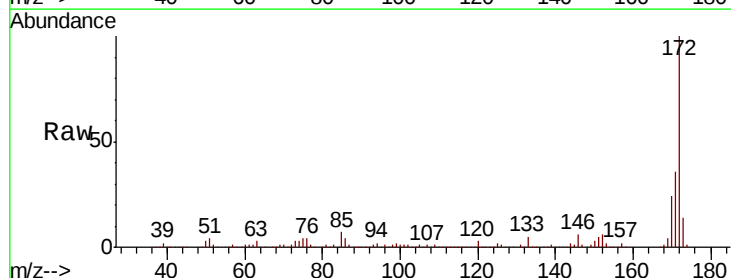
Tgt Ion:172 Resp: 1198906

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

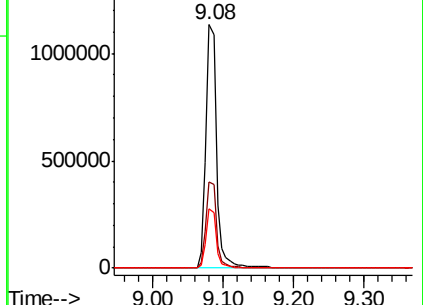
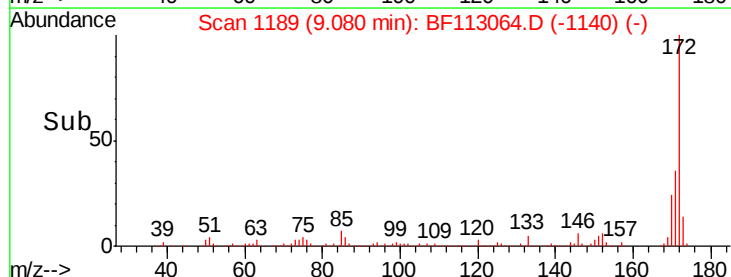
170 24.1 20.0 30.0

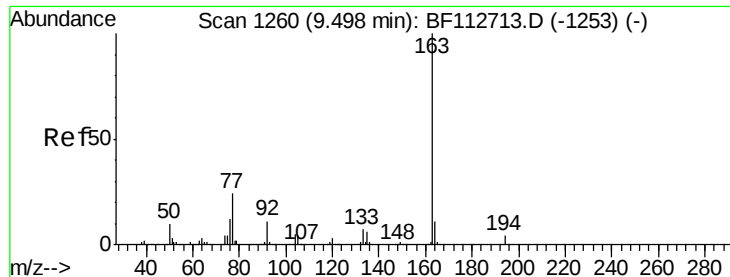


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

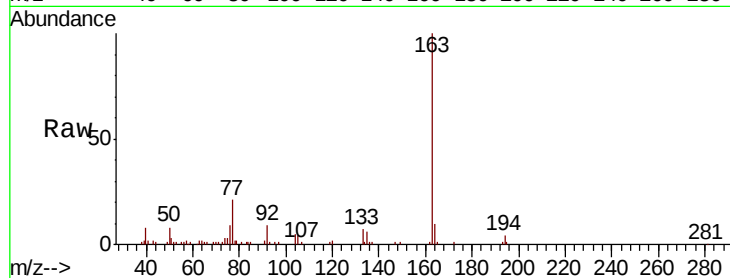




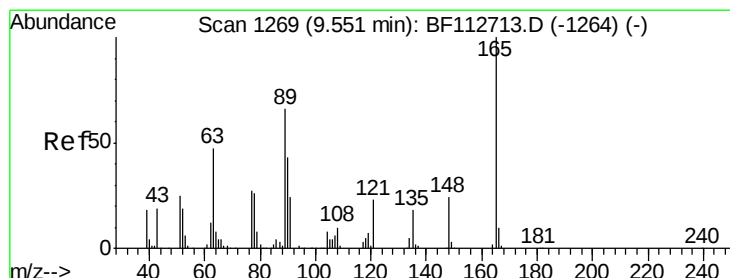
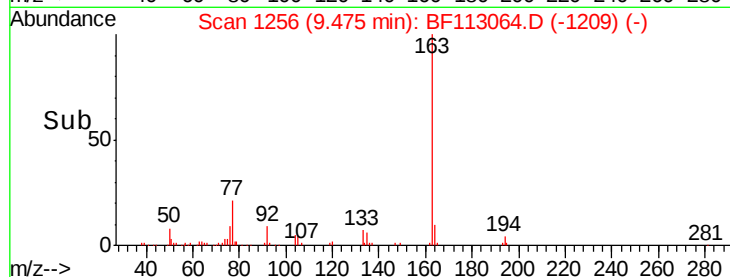
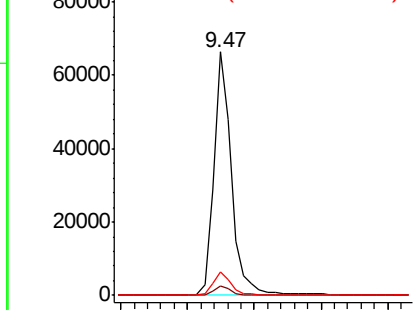
#50
Dimethylphthalate
Concen: 3.476 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.4	12.6

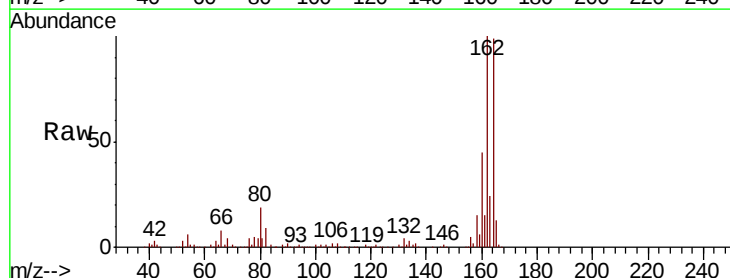


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

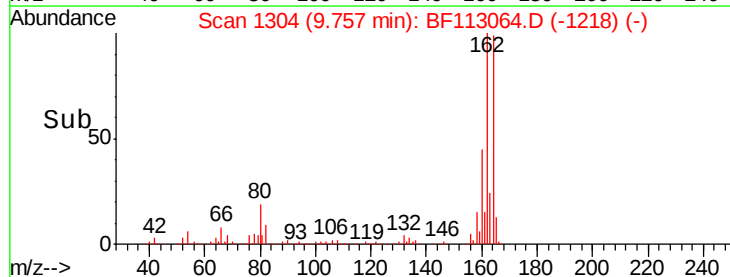
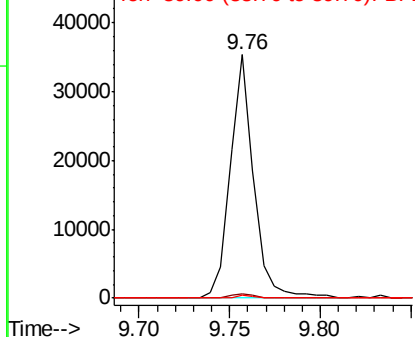


#51
2,6-Dinitrotoluene
Concen: 8.568 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	54.1	81.1#
89	1.2	52.8	79.2#



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

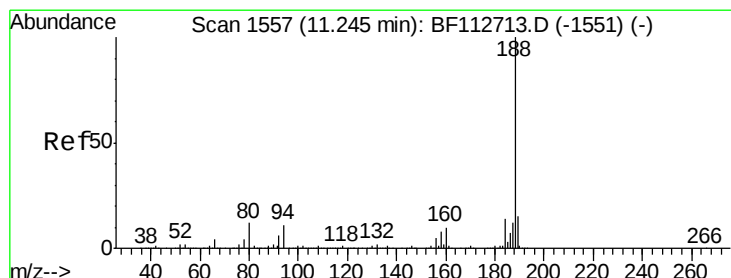
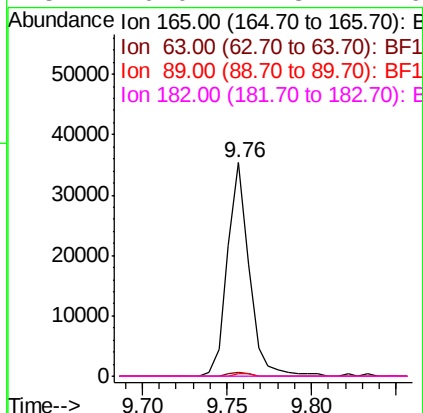
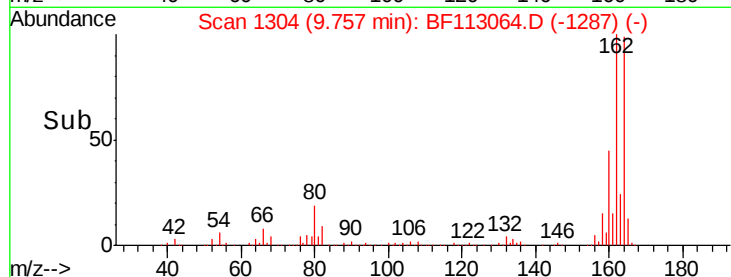
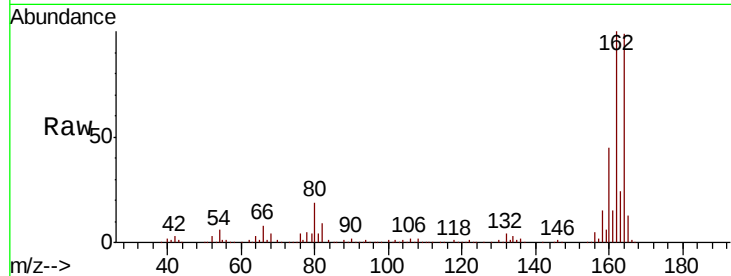




#57
2,4-Dinitrotoluene
Concen: 6.893 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

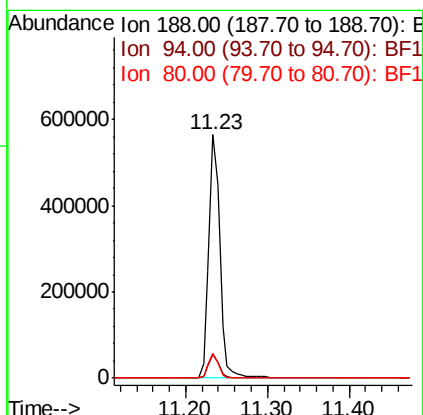
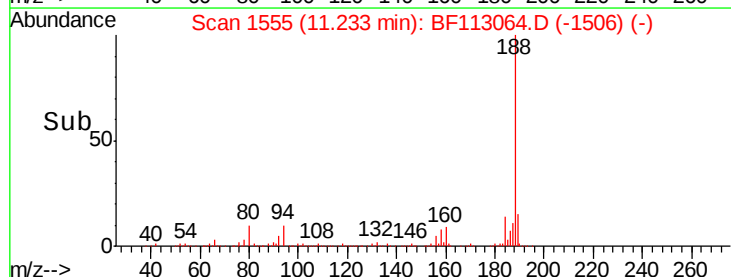
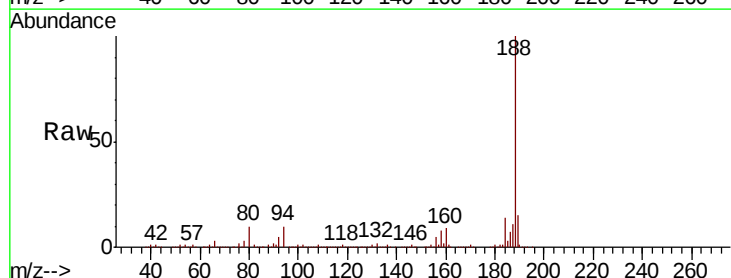
Instrument :
BNA_F
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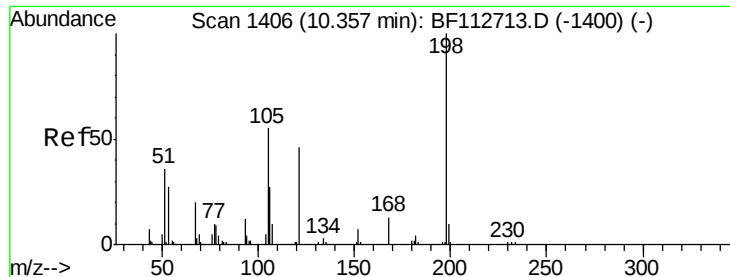
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.0	9.2	13.8

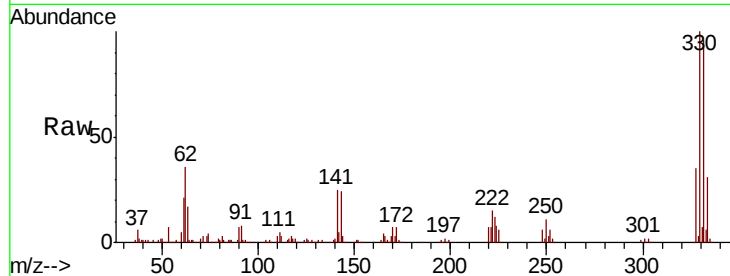




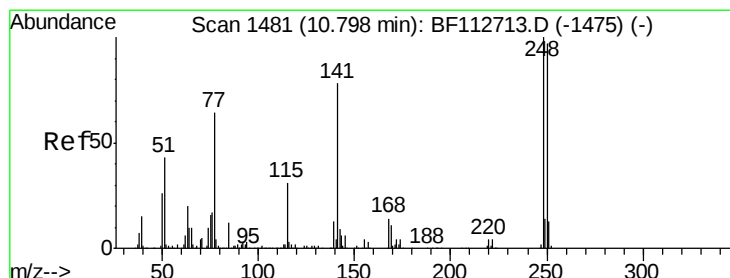
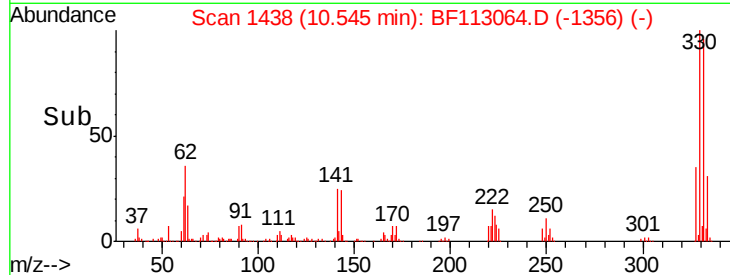
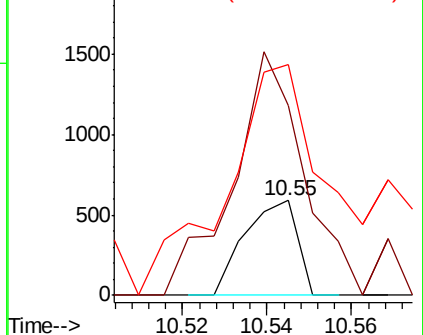
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.825 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113064.D
 Acq: 15 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tgt Ion:198 Resp: 513
 Ion Ratio Lower Upper
 198 100
 51 199.5 43.8 83.8#
 105 242.5 36.5 76.5#

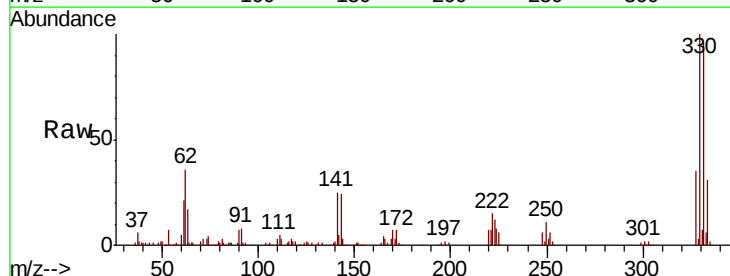


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

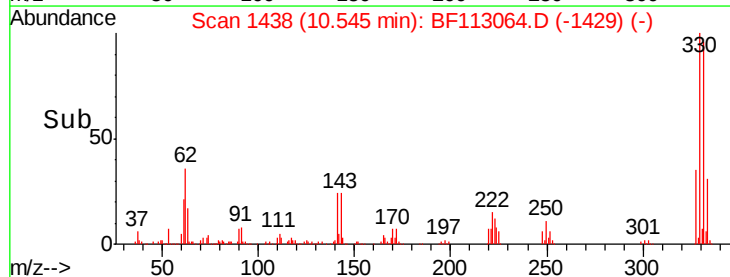
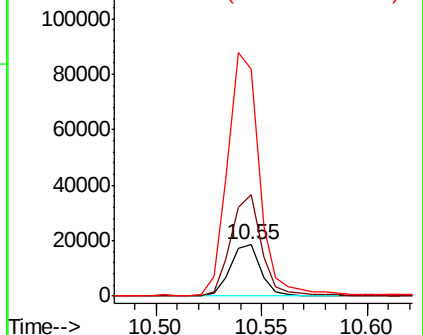


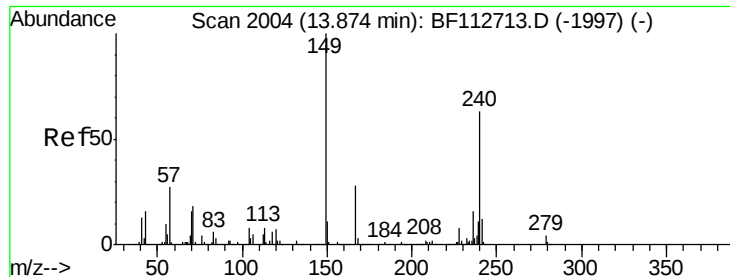
#67
 4-Bromophenyl-phenylether
 Concen: 3.297 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113064.D
 Acq: 15 Mar 2019 14:31

Tgt Ion:248 Resp: 18496
 Ion Ratio Lower Upper
 248 100
 250 196.6 77.5 116.3#
 141 439.8 62.4 93.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

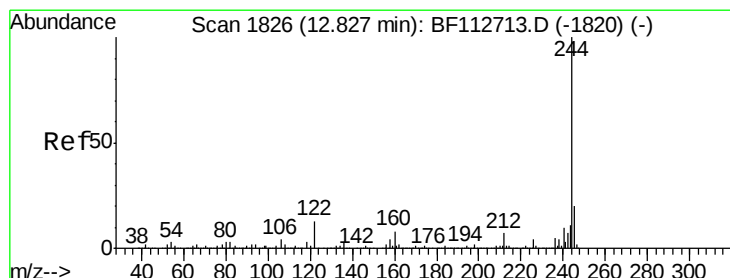
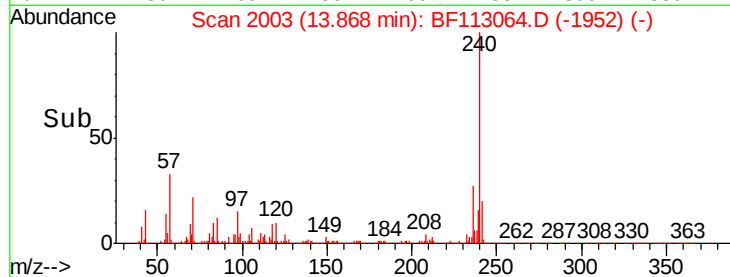
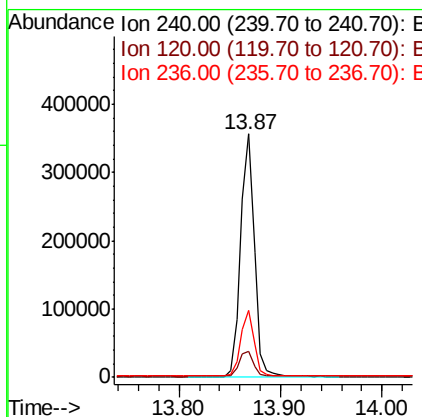
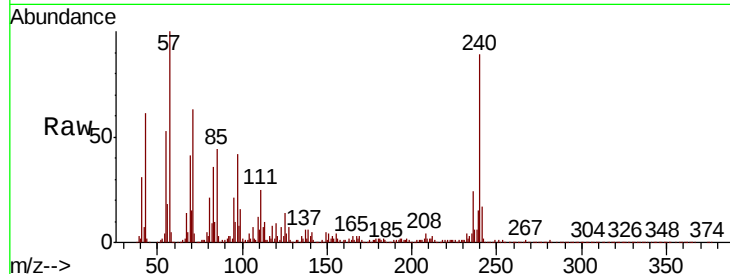




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

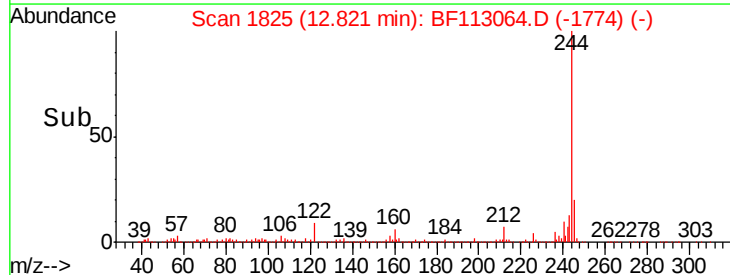
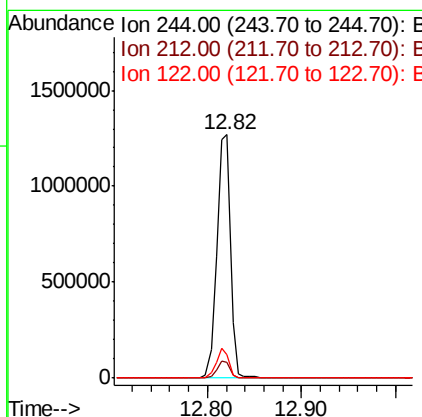
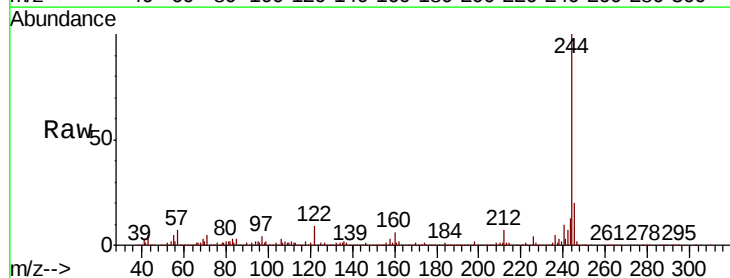
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

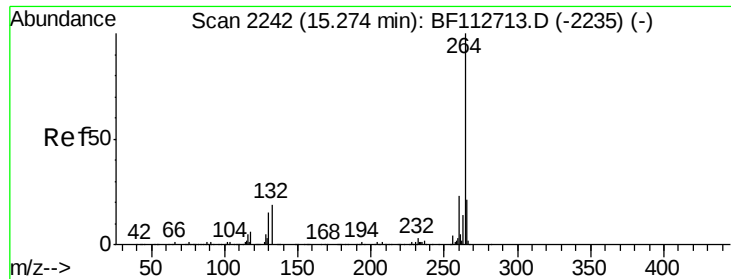
Tgt Ion:240 Resp: 338411
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 27.3 20.7 31.1



#79
Terphenyl-d14
Concen: 74.504 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

Tgt Ion:244 Resp: 1300646
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.4 10.5 15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113064.D
Acq: 15 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tgt Ion: 264 Resp: 381300

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.6	17.2	25.8

