

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098240.D
 Acq On : 1 Sep 2017 21:27
 Operator : SJ/JU
 Sample : I5048-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-RAGS-DEBRIS

Quant Time: Sep 01 22:55:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

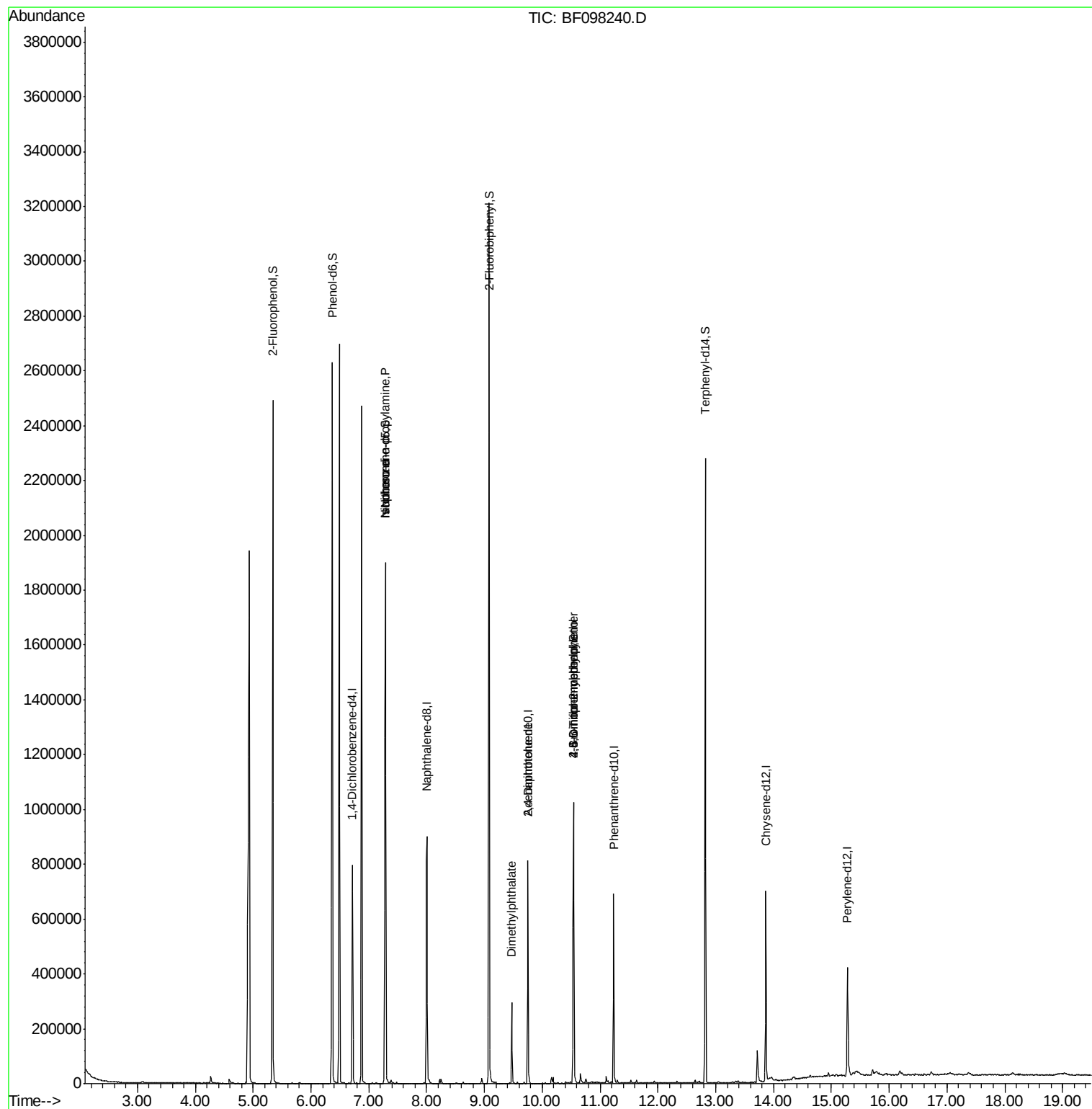
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	110292	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	423446	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	155180	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	237368	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	239483	20.00	ng	-0.03
86) Perylene-d12	15.28	264	173058	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	708407	97.70	ng	-0.01
7) Phenol-d6	6.37	99	1054804	107.07	ng	-0.02
23) Nitrobenzene-d5	7.29	82	709724	91.05	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	109671	81.45	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	1006033	95.25	ng	-0.03
78) Terphenyl-d14	12.82	244	672265	58.54	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	93212	13.821	ng	# 71
25) Isophorone	7.29	82	701535	43.283	ng	# 67
49) Dimethylphthalate	9.47	163	118693	10.464	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	19681	6.926	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.54	198	116	8.406	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	7460	3.026	ng	# 1

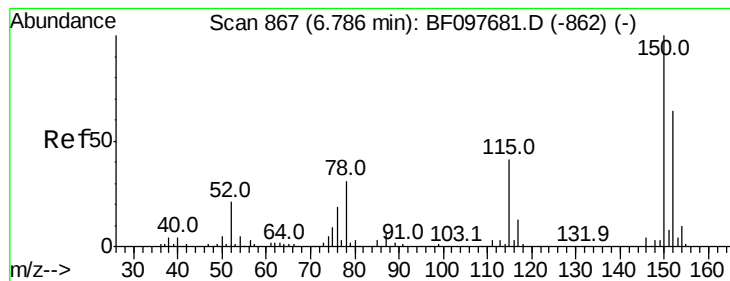
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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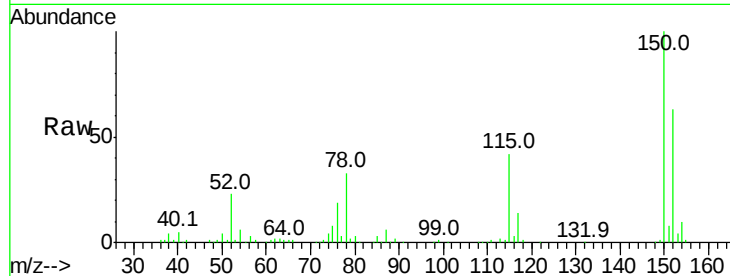


#1

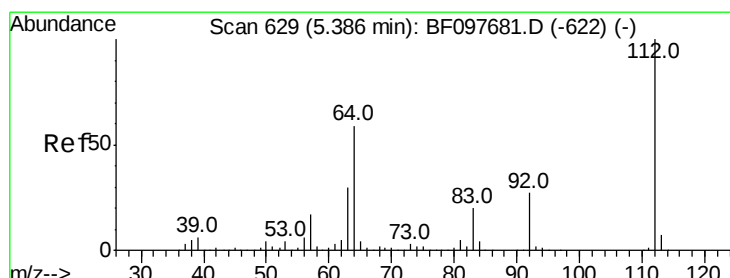
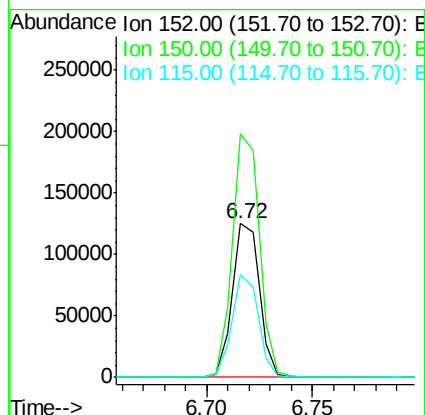
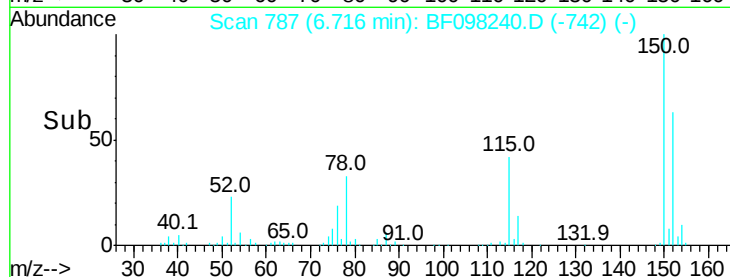
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098240.D
Acq: 1 Sep 2017 21:27

Instrument :
BNA_F
ClientSampleId :
OILY-RAGS-DEBRIS

Tot Ion:152 Resp: 110292
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 67.2 52.2 78.2



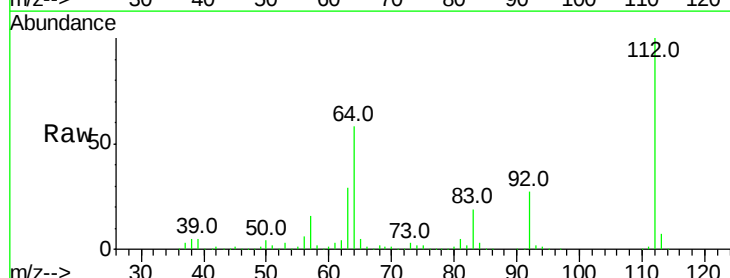
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



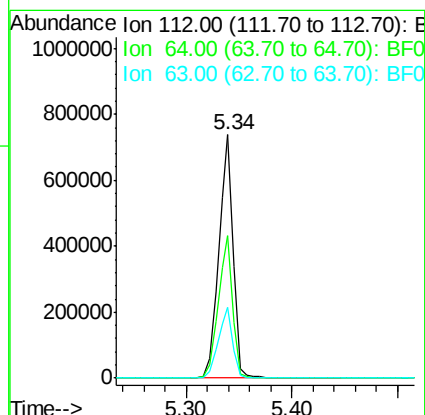
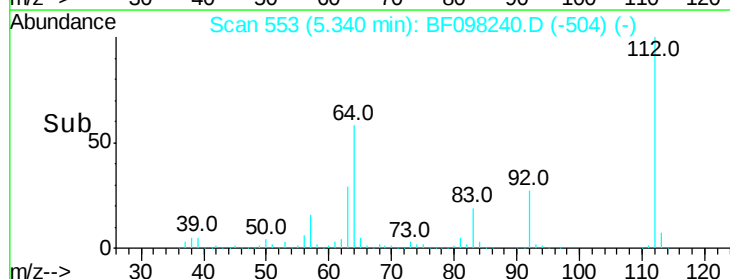
#5

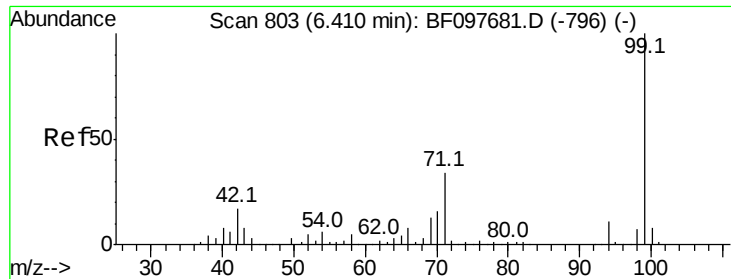
2-Fluorophenol
Concen: 97.699 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098240.D
Acq: 1 Sep 2017 21:27

Tgt Ion:112 Resp: 708407
Ion Ratio Lower Upper
112 100
64 58.4 46.0 69.0
63 29.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.066 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

Instrument :

BNA_F

ClientSampleId :

OILY-RAGS-DEBRIS

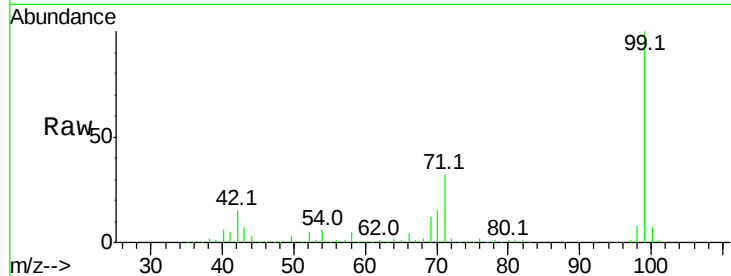
Tot Ion: 99 Resp: 1054804

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

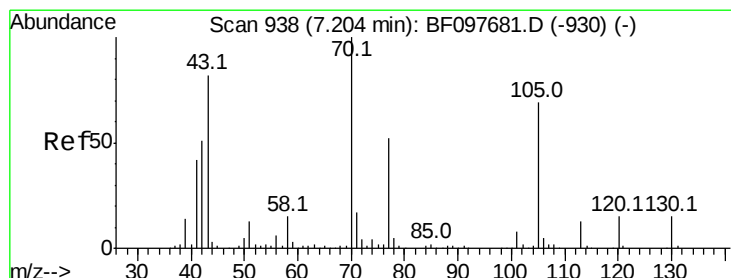
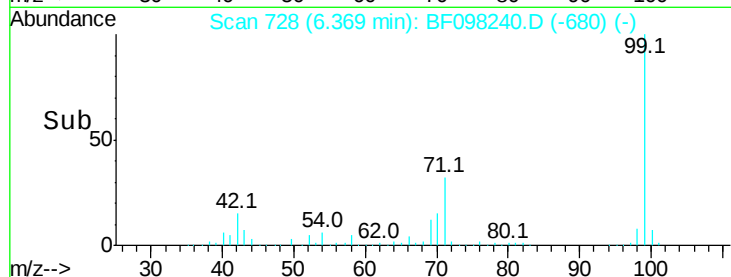
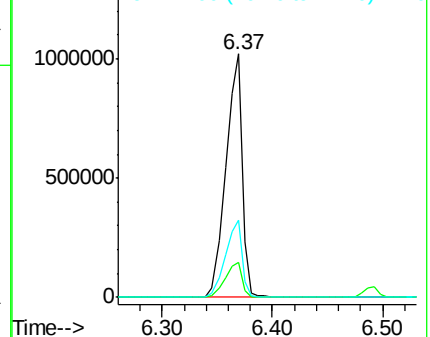
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.821 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

Tgt Ion: 70 Resp: 93212

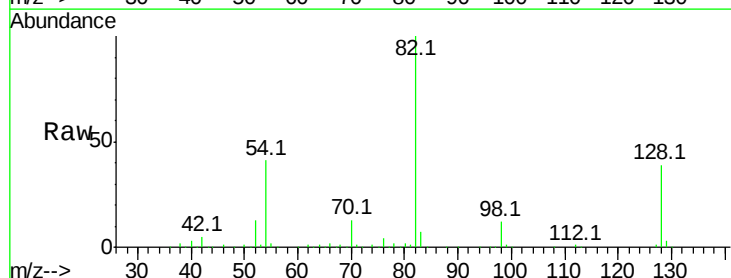
Ion Ratio Lower Upper

70 100

42 38.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

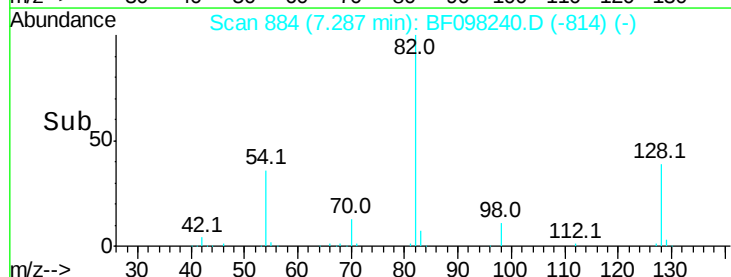
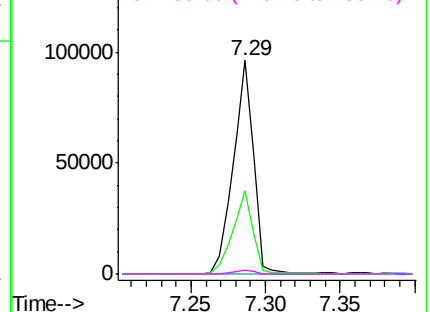


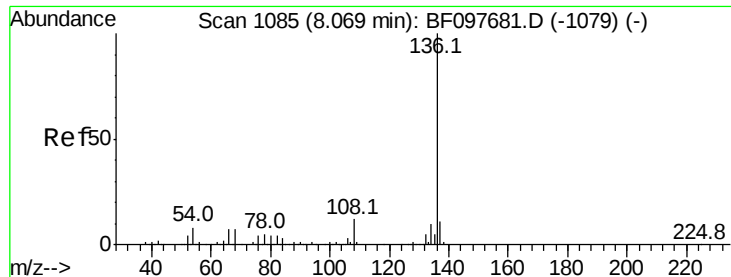
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

Instrument :

BNA_F

ClientSampleId :

OILY-RAGS-DEBRIS

Tot Ion:136 Resp: 423446

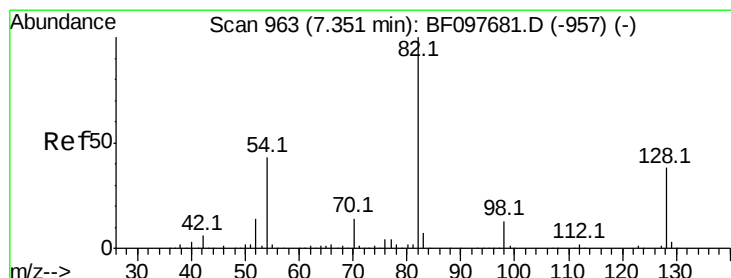
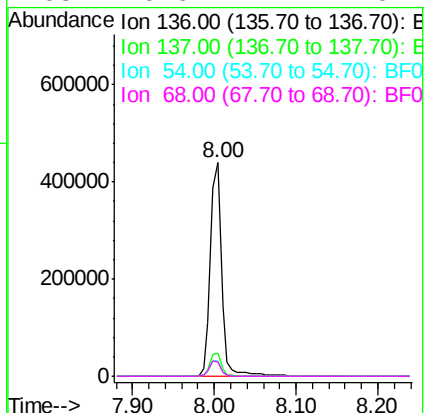
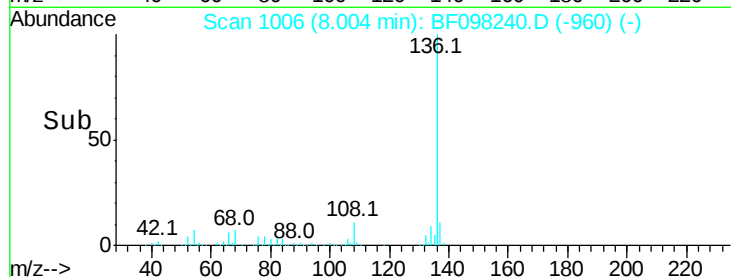
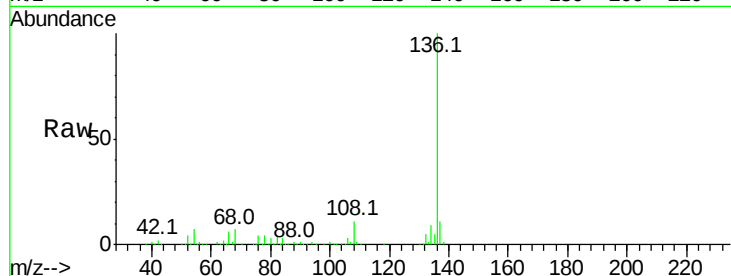
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 6.6 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 91.052 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

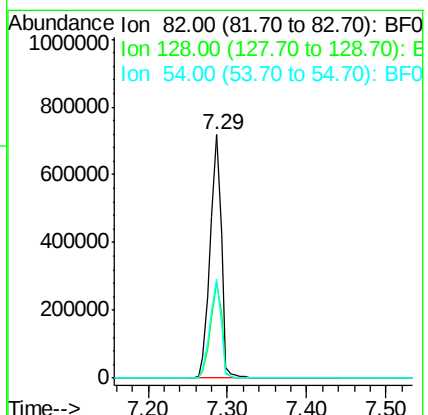
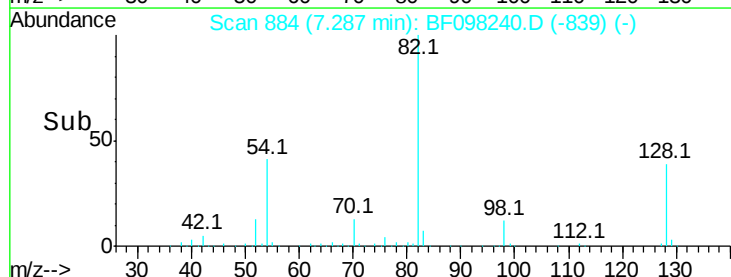
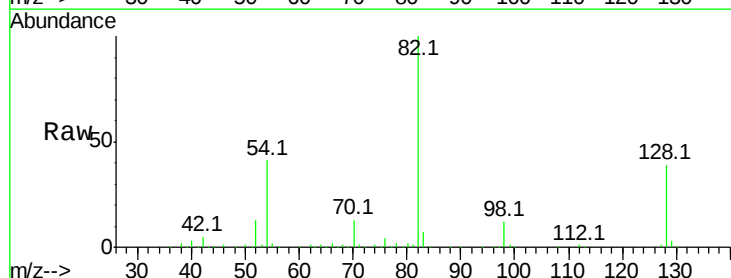
Tgt Ion: 82 Resp: 709724

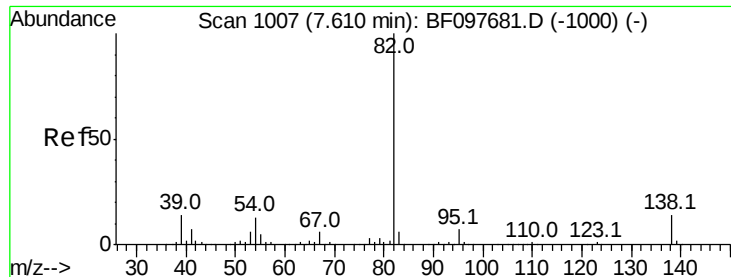
Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

54 40.6 42.2 63.2#





#25

Isophorone

Concen: 43.283 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

Instrument :

BNA_F

ClientSampleId :

OILY-RAGS-DEBRIS

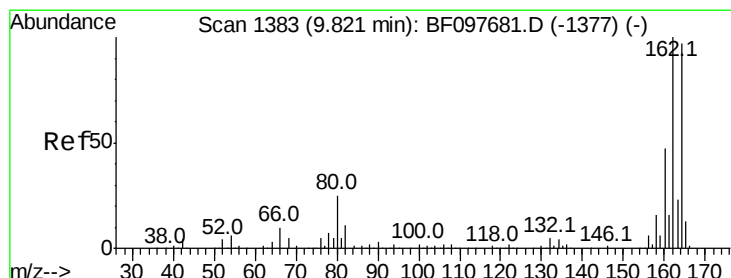
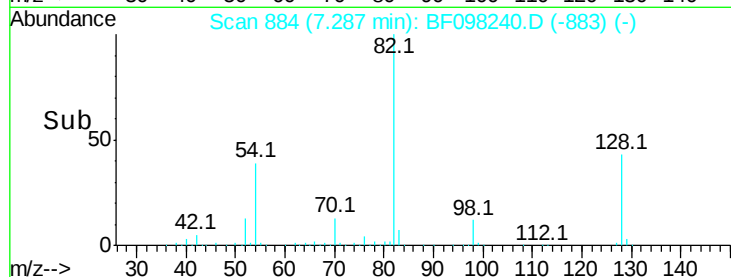
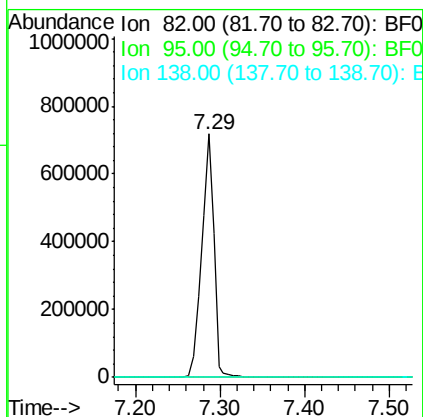
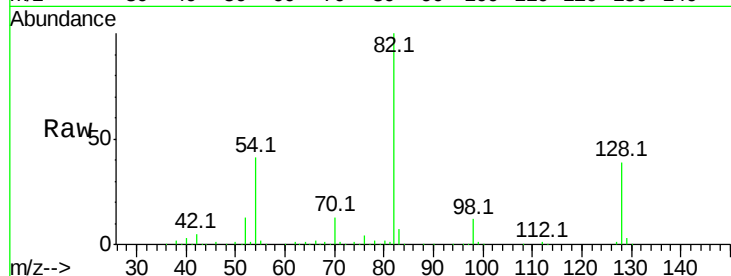
Tot Ion: 82 Resp: 701535

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

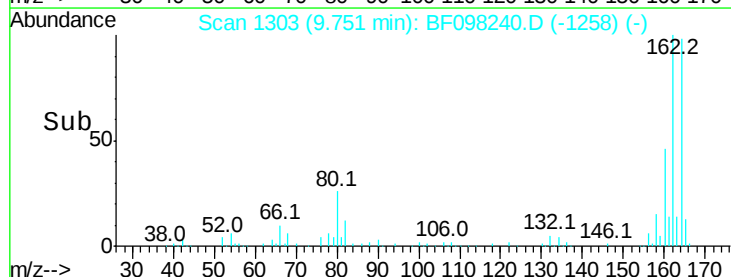
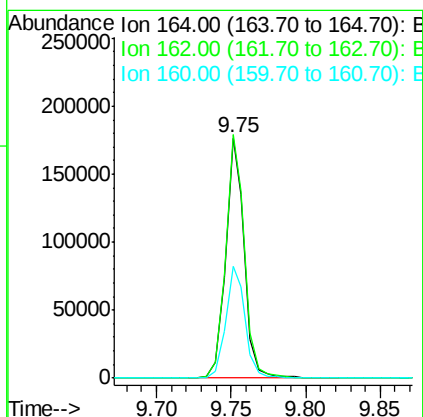
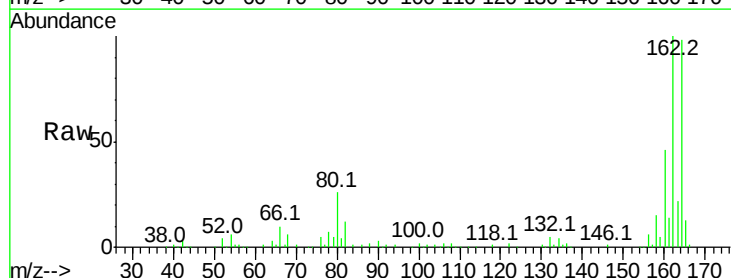
Tgt Ion:164 Resp: 155180

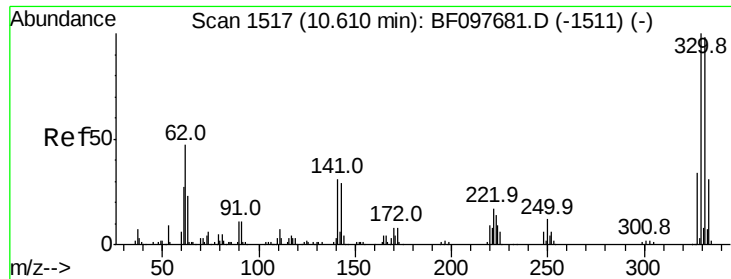
Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

160 46.8 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 81.453 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.04 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

Instrument :

BNA_F

ClientSampleId :

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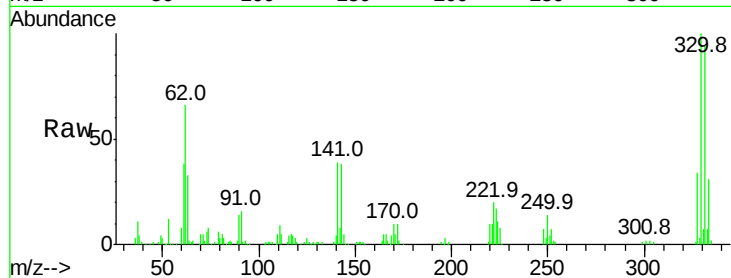
Tot Ion:330 Resp: 109671

Ion Ratio Lower Upper

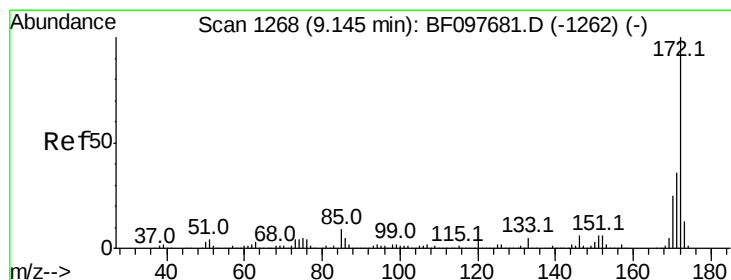
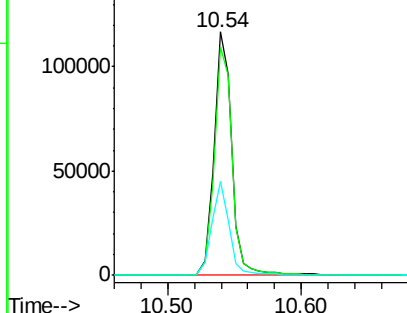
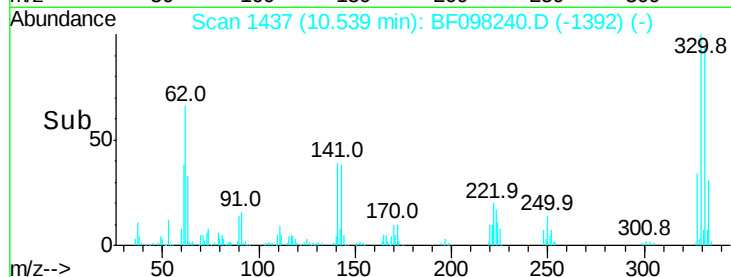
330 100

332 95.6 76.6 115.0

141 38.0 31.4 47.2



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



#44

2-Fluorobiphenyl

Concen: 95.249 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

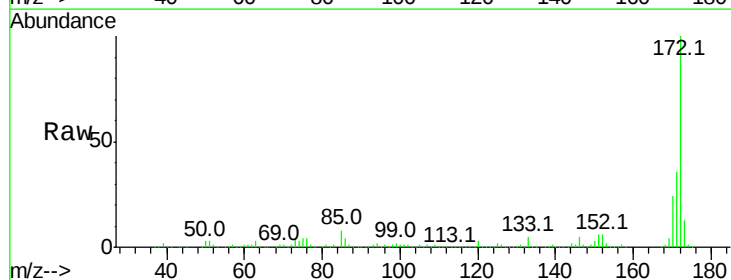
Tgt Ion:172 Resp: 1006033

Ion Ratio Lower Upper

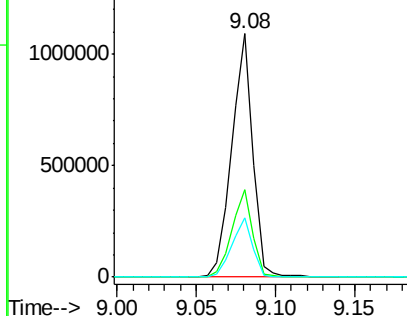
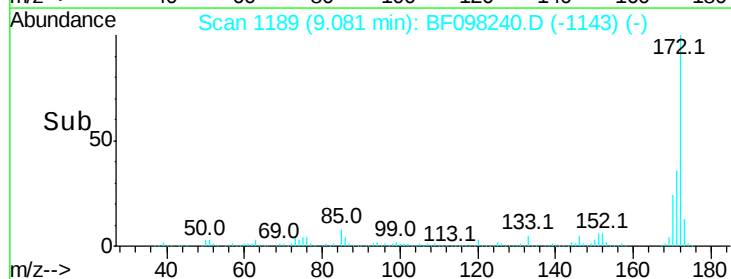
172 100

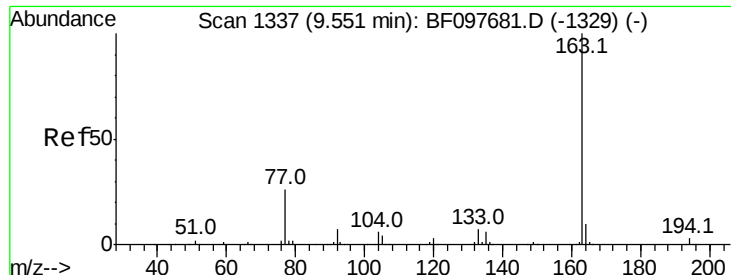
171 36.0 29.6 44.4

170 24.4 19.8 29.8



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

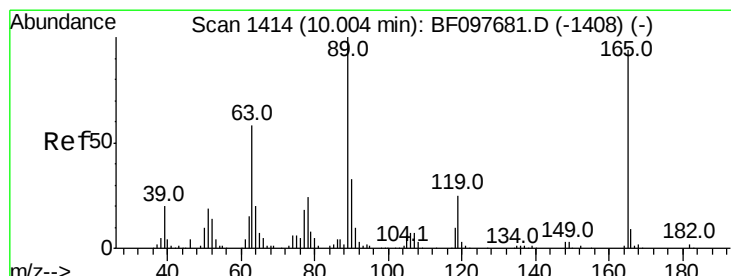
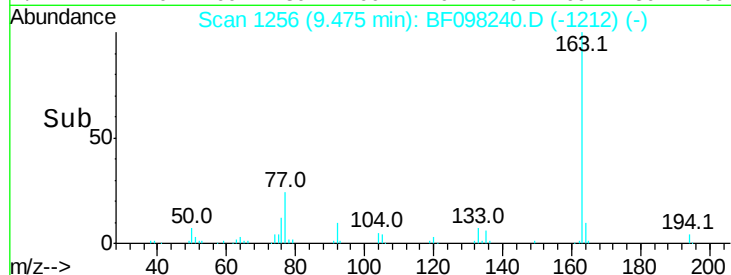
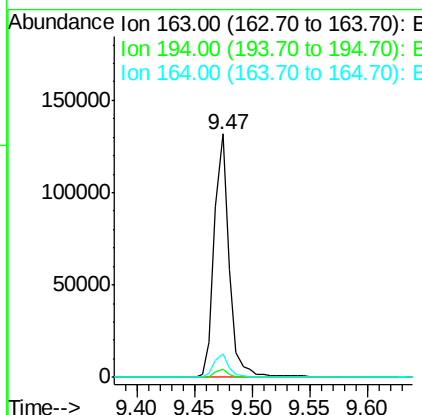
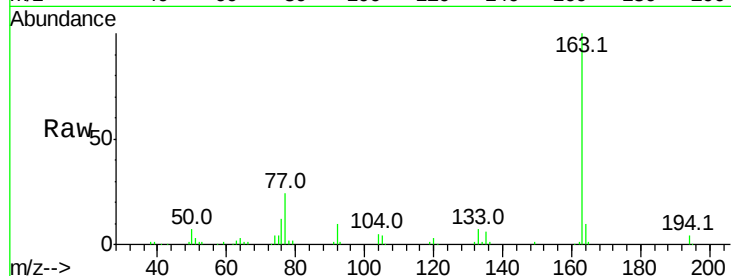




#49
 Dimethylphthalate
 Concen: 10.464 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BF098240.D
 Acq: 1 Sep 2017 21:27

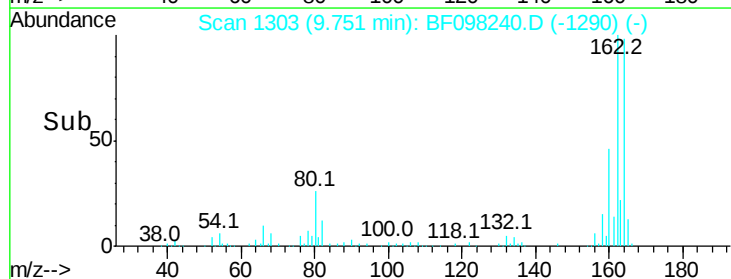
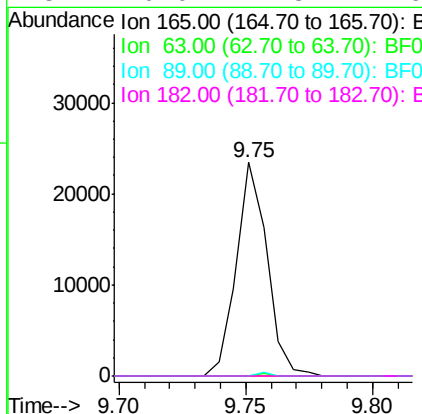
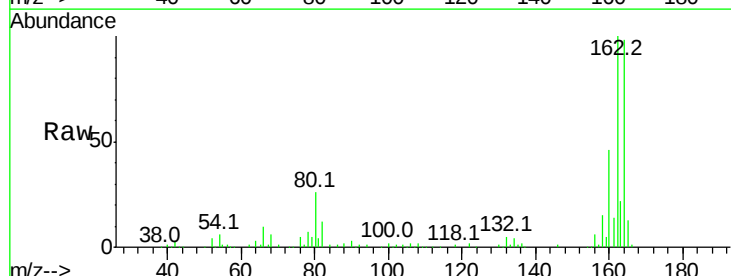
Instrument :
 BNA_F
 ClientSampleId :
 OILY-RAGS-DEBRIS

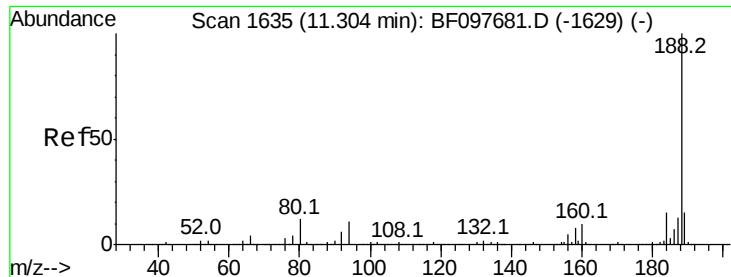
Tot Ion:	163	Resp:	118693
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.926 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.22 min
 Lab File: BF098240.D
 Acq: 1 Sep 2017 21:27

Tgt Ion:	165	Resp:	19681
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

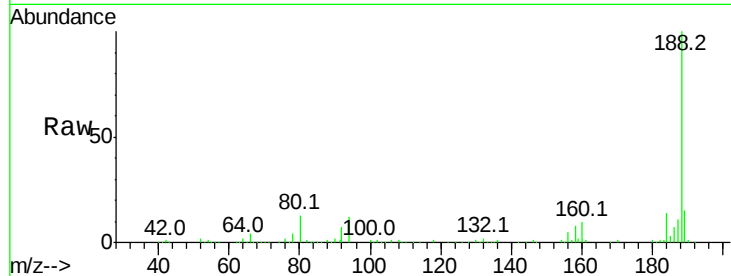




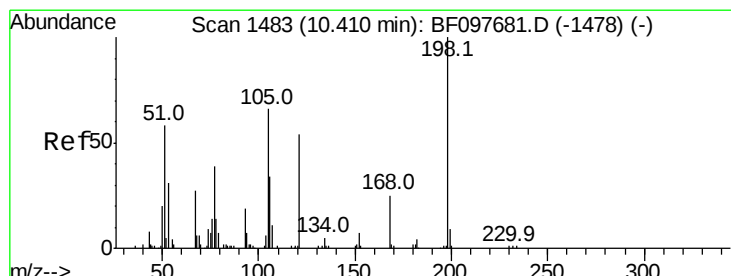
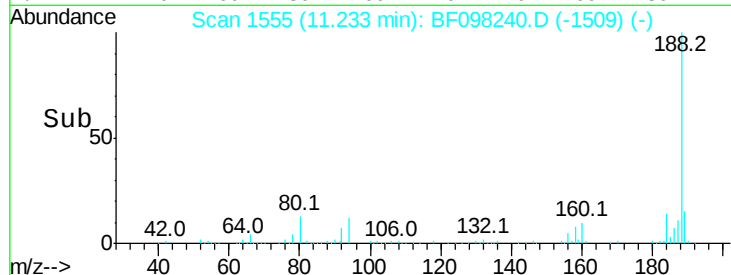
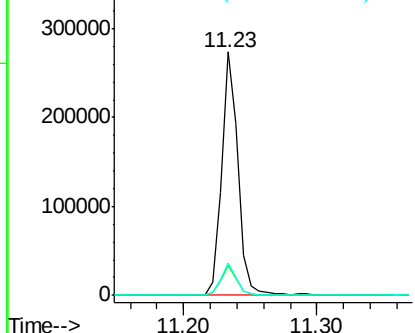
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098240.D
Acq: 1 Sep 2017 21:27

Instrument :
BNA_F
ClientSampleId :
OILY-RAGS-DEBRIS

Tot Ion:188 Resp: 237368
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.2 10.2 15.2

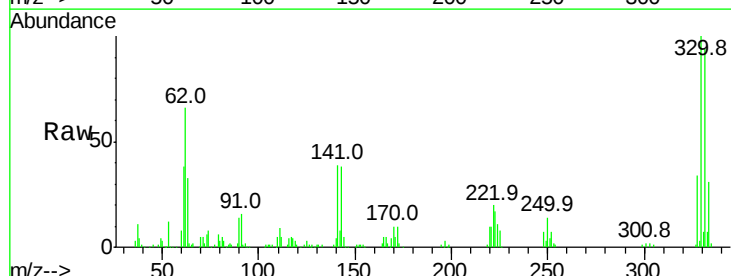


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

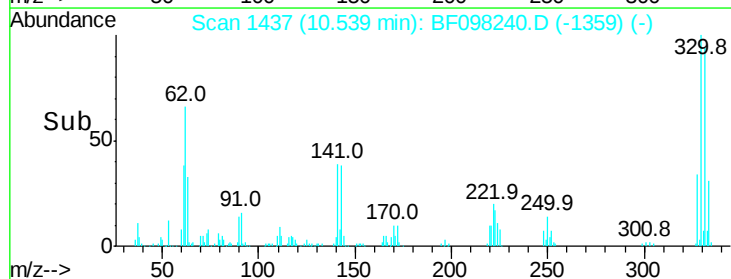
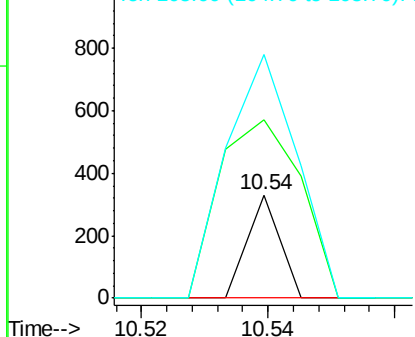


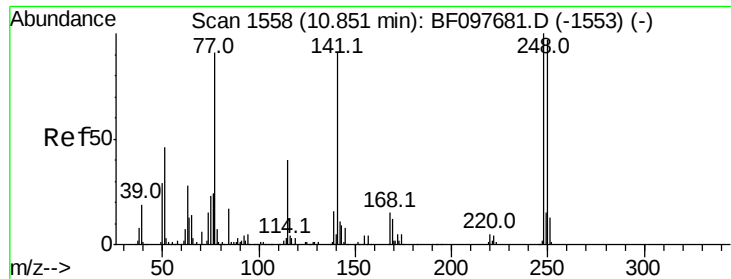
#64
4,6-Dinitro-2-methylphenol
Concen: 8.406 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.16 min
Lab File: BF098240.D
Acq: 1 Sep 2017 21:27

Tgt Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 173.3 53.2 93.2#
105 236.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

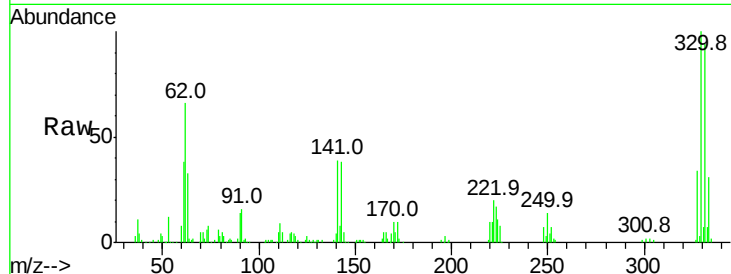




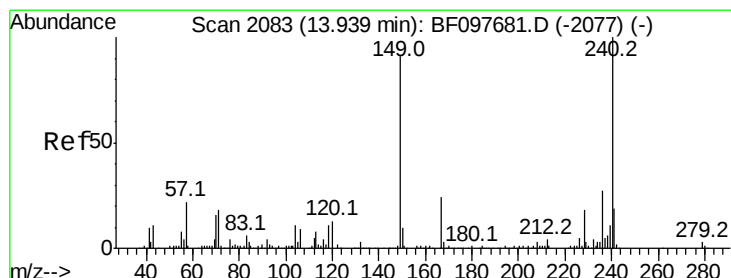
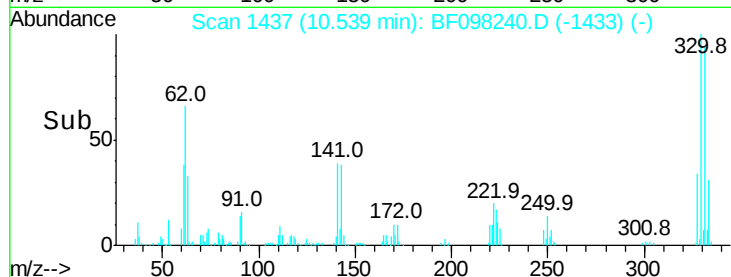
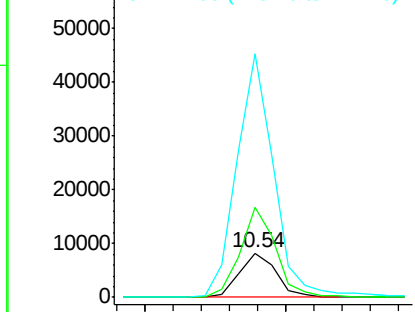
#66
4-Bromophenyl-phenylether
Concen: 3.026 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.28 min
Lab File: BF098240.D
Acq: 1 Sep 2017 21:27

Instrument :
BNA_F
ClientSampleId :
OILY-RAGS-DEBRIS

Tot Ion:248 Resp: 7460
Ion Ratio Lower Upper
248 100
250 202.2 76.8 115.2#
141 547.0 68.6 103.0#

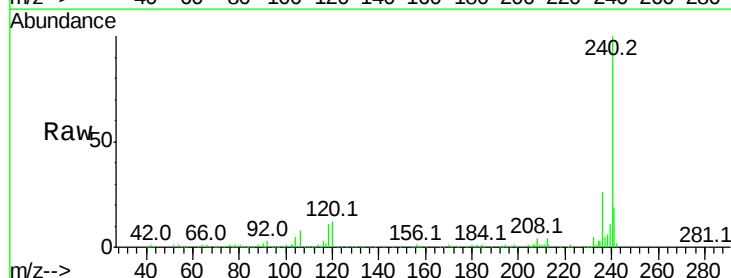


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

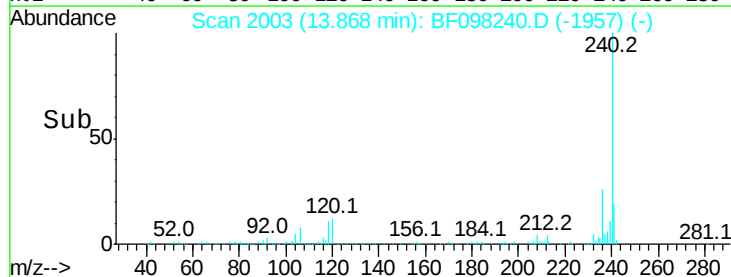
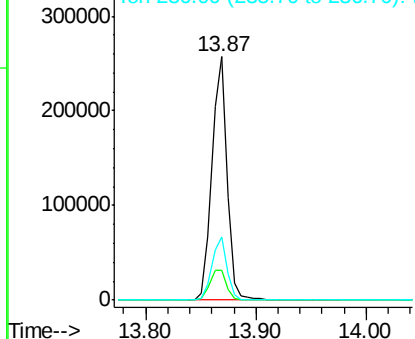


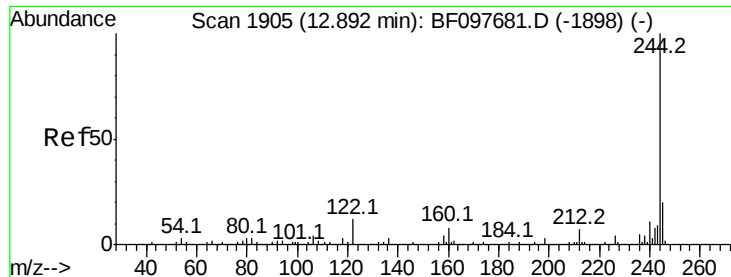
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098240.D
Acq: 1 Sep 2017 21:27

Tgt Ion:240 Resp: 239483
Ion Ratio Lower Upper
240 100
120 12.2 5.8 8.8#
236 26.1 20.5 30.7



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





#78

Terphenyl-d14

Concen: 58.539 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

Instrument :

BNA_F

ClientSampleId :

OILY-RAGS-DEBRIS

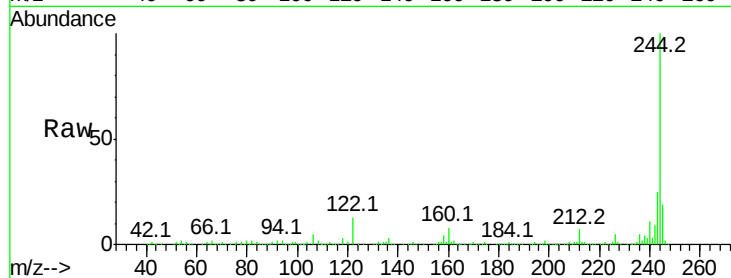
Tot Ion:244 Resp: 672265

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

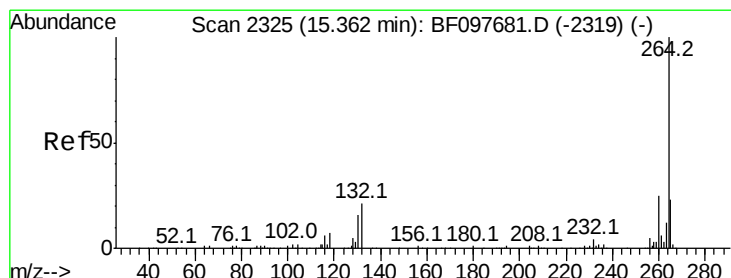
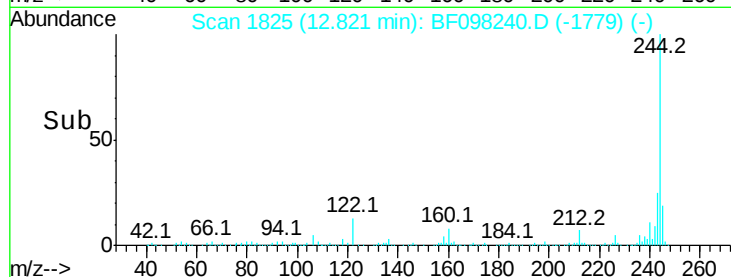
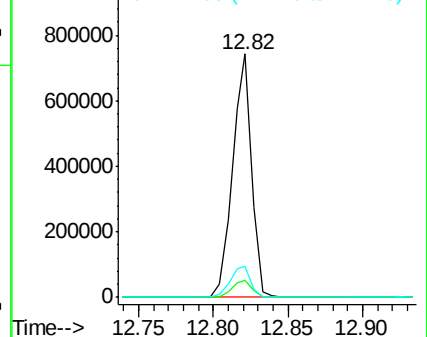
122 12.8 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098240.D

Acq: 1 Sep 2017 21:27

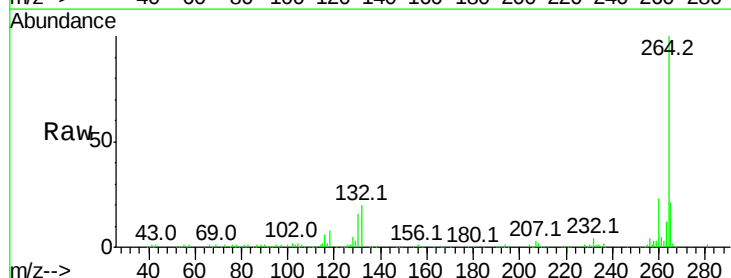
Tgt Ion:264 Resp: 173058

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.4 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

