

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097626.D
 Acq On : 12 Aug 2017 8:14
 Operator : SJ/JU
 Sample : I4704-02 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-4-OILY-DEBRIS

Quant Time: Aug 14 01:55:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

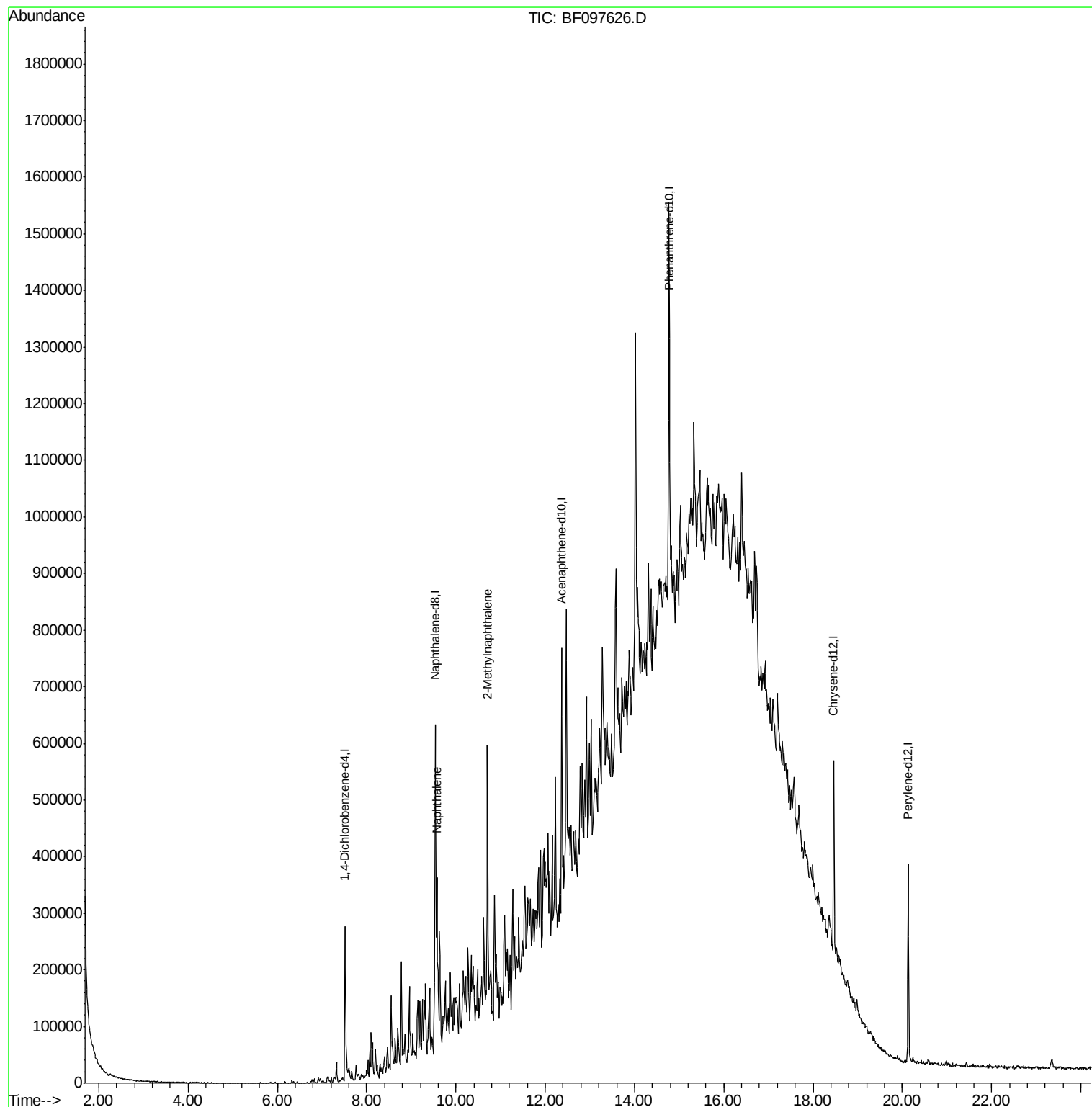
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	76596	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	313546	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	105682	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	154024	20.00	ng	0.01
75) Chrysene-d12	18.46	240	160314	20.00	ng	0.00
86) Perylene-d12	20.13	264	155245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.32	99	234	0.04	ng	0.26
23) Nitrobenzene-d5	8.45	82	1866	0.37	ng	0.03
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.33	172	1351	0.19	ng	0.01
78) Terphenyl-d14	17.13	244	1260	0.16	ng	0.00
Target Compounds						
31) Naphthalene	9.57	128	206141	13.126	ng	98
37) 2-Methylnaphthalene	10.70	142	185656	18.788	ng	98

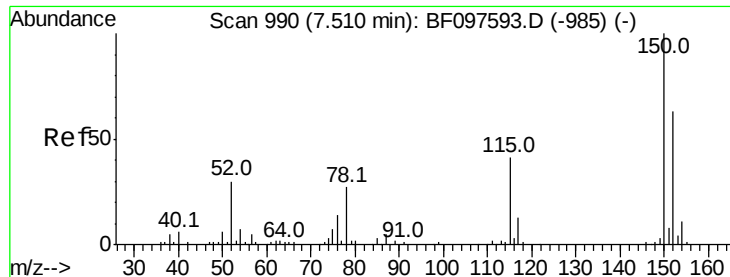
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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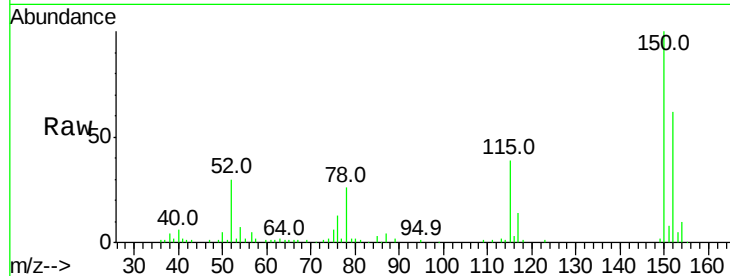


#1

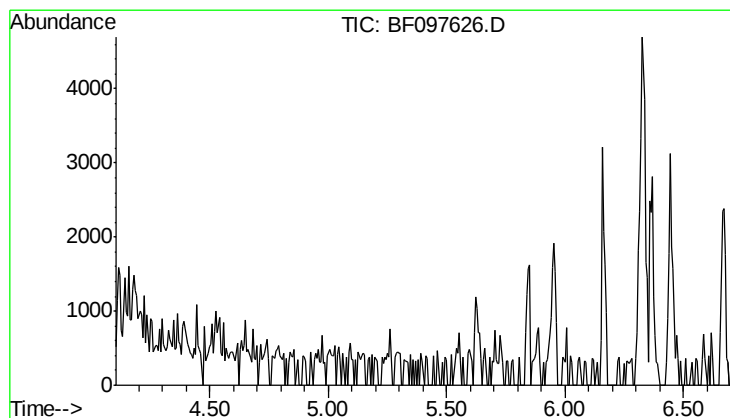
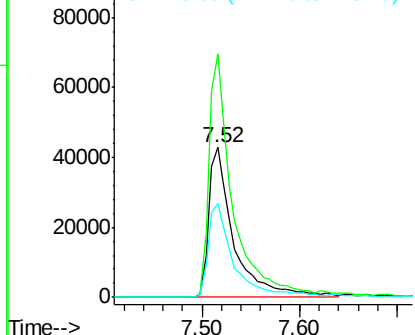
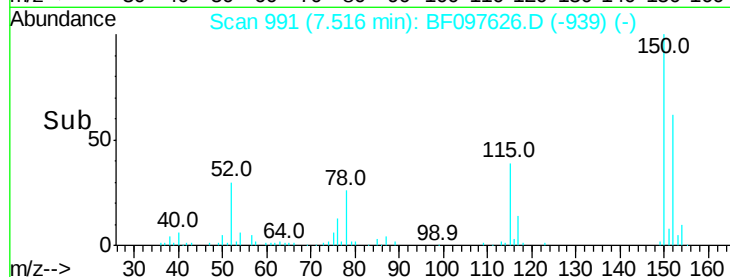
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF097626.D
 Acq: 12 Aug 2017 8:14

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-4-OILY-DEBRIS

Tot Ion:152 Resp: 76596
 Ion Ratio Lower Upper
 152 100
 150 162.3 126.2 189.2
 115 63.0 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

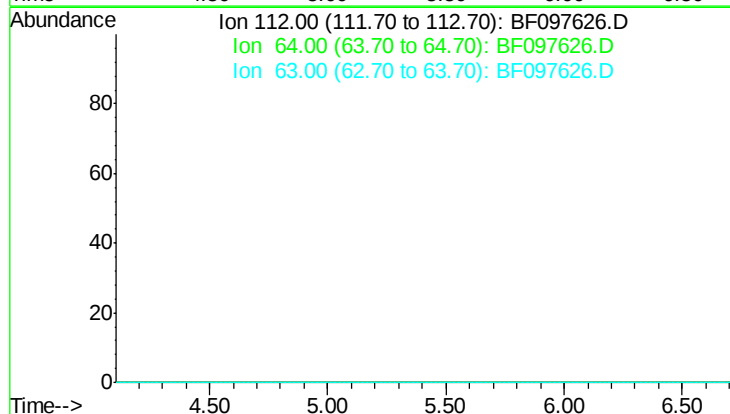


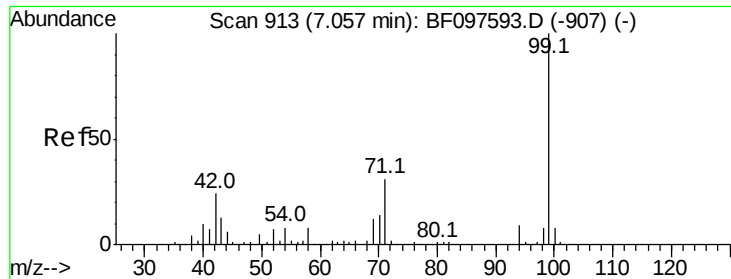
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min

Lab File: BF097626.D
 Acq: 12 Aug 2017 8:14

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.5
 63 29.2





#7

Phenol-d6

Concen: 0.039 ng

RT: 7.32 min Scan# 957

Delta R.T. 0.26 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-4-OILY-DEBRIS

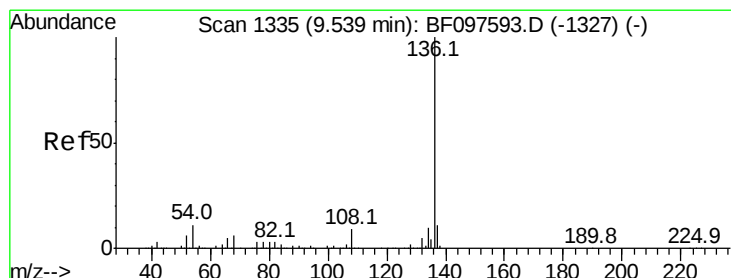
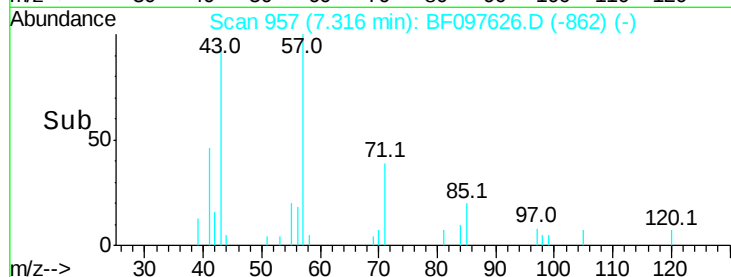
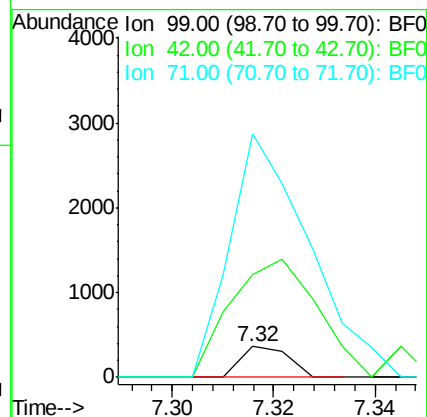
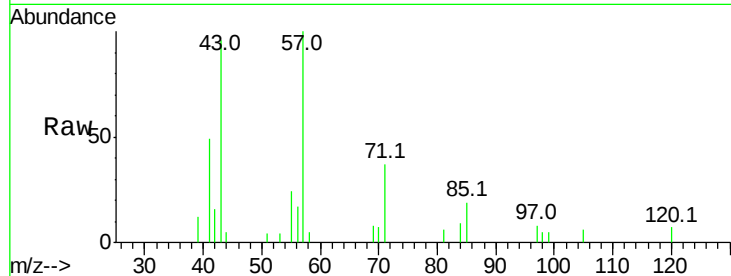
Tot Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 334.6 13.5 20.3#

71 789.3 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.54 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

Tgt Ion: 136 Resp: 313546

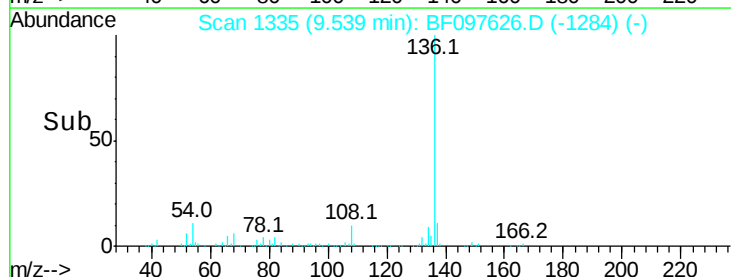
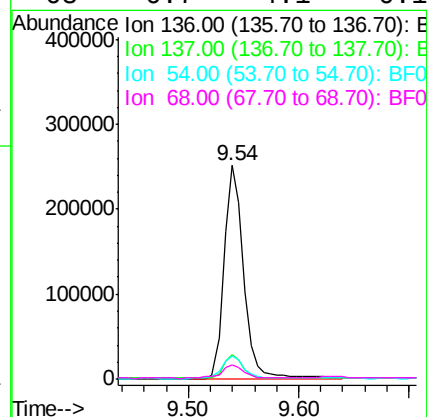
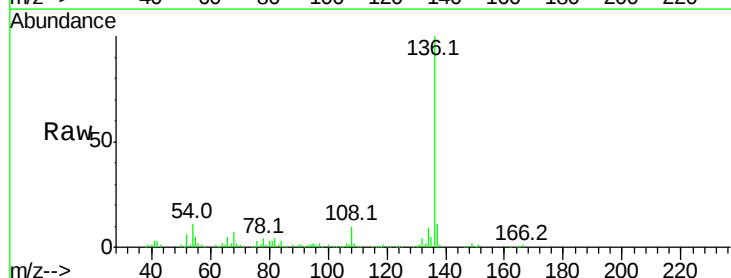
Ion Ratio Lower Upper

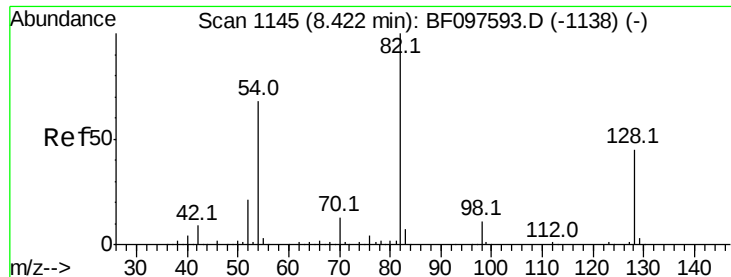
136 100

137 11.2 8.5 12.7

54 11.0 4.9 7.3#

68 6.7 4.1 6.1#

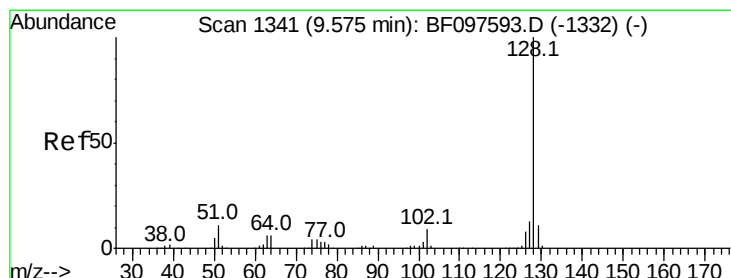
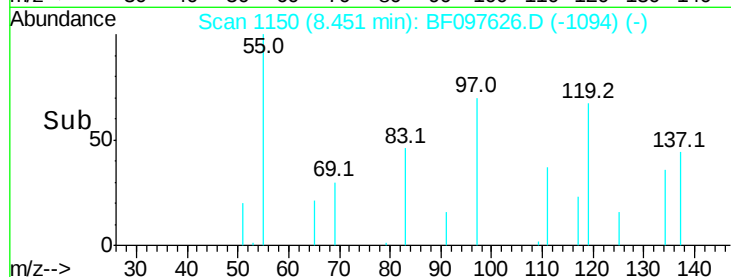
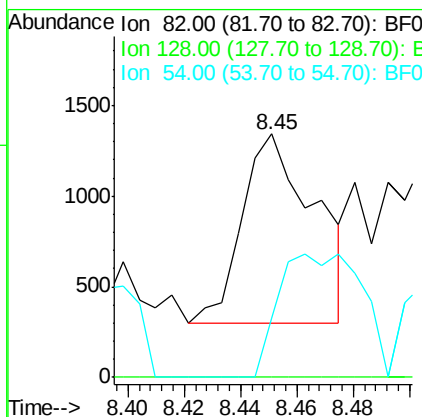
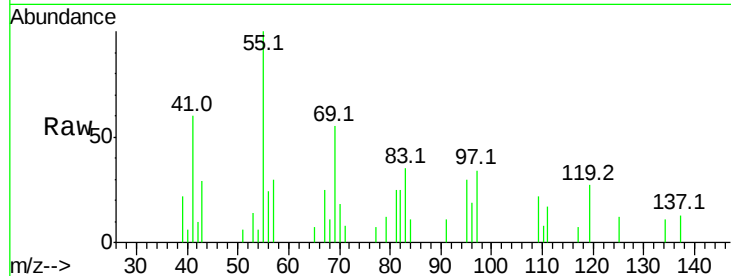




#23
 Nitrobenzene-d5
 Concen: 0.373 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. 0.03 min
 Lab File: BF097626.D
 Acq: 12 Aug 2017 8:14

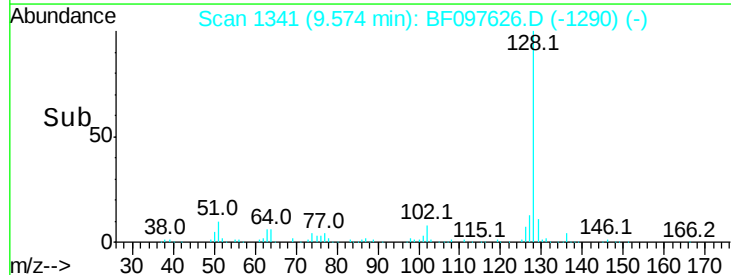
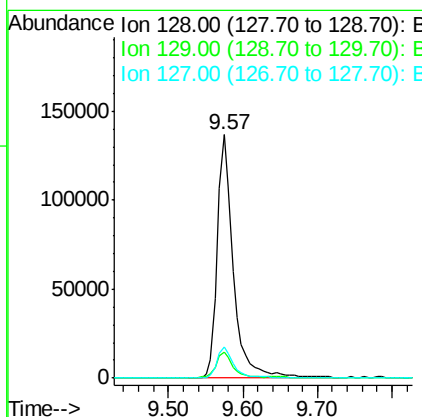
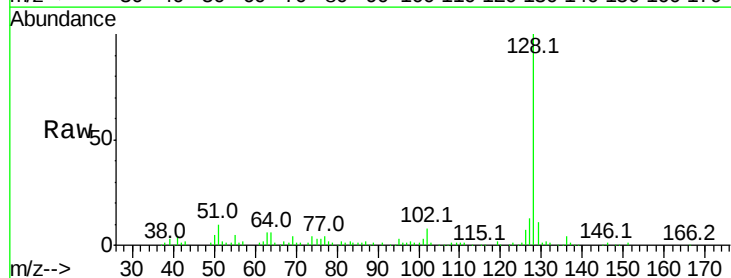
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-4-OILY-DEBRIS

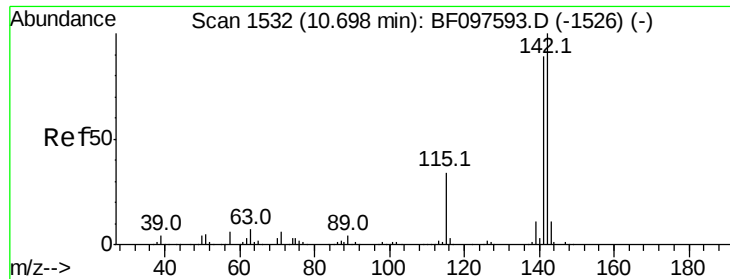
Tot Ion: 82 Resp: 1866
 Ion Ratio Lower Upper
 82 100
 128 0.0 34.0 51.0#
 54 24.4 42.2 63.2#



#31
 Naphthalene
 Concen: 13.126 ng
 RT: 9.57 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF097626.D
 Acq: 12 Aug 2017 8:14

Tgt Ion:128 Resp: 206141
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.6
 127 12.7 10.8 16.2

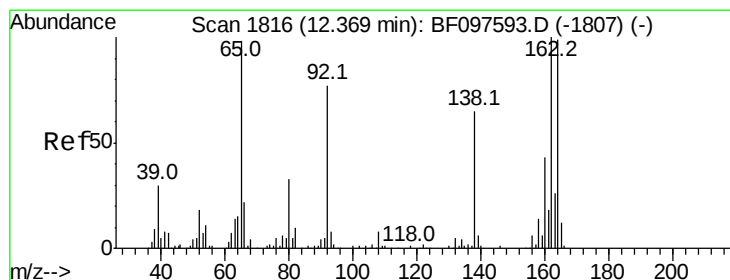
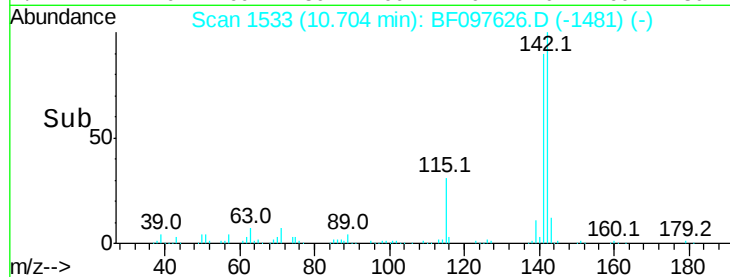
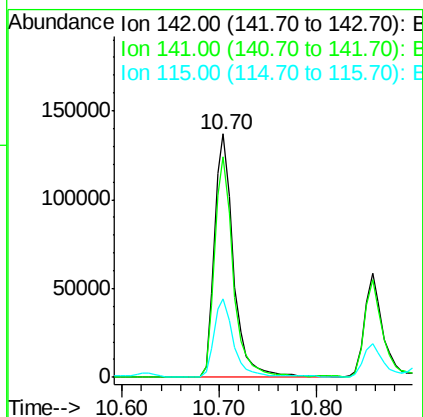
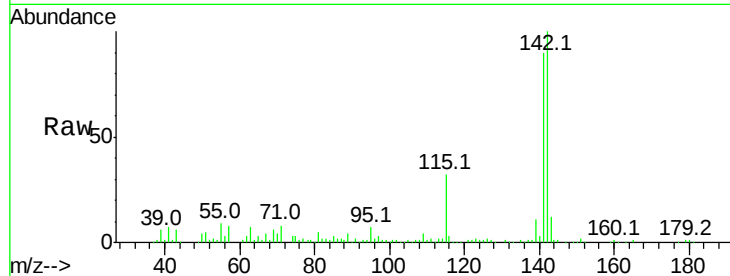




#37
2-Methylnaphthalene
Concen: 18.788 ng
RT: 10.70 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF097626.D
Acq: 12 Aug 2017 8:14

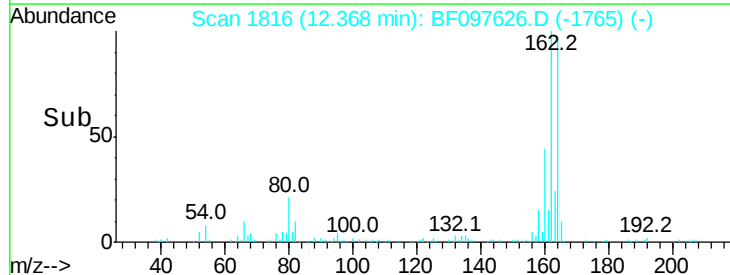
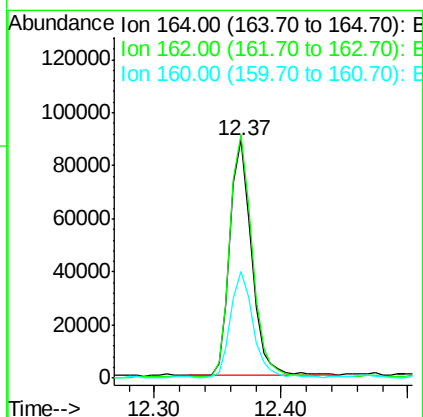
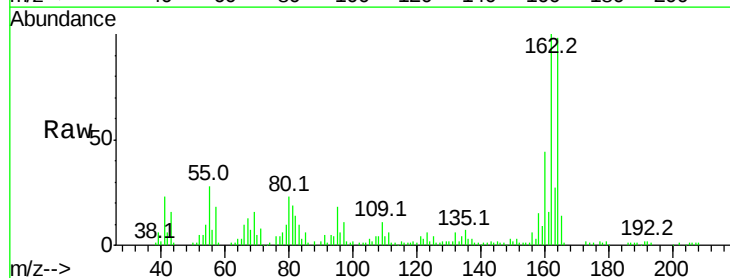
Instrument :
BNA_F
ClientSampleId :
DRUM-2-3-4-OILY-DEBRIS

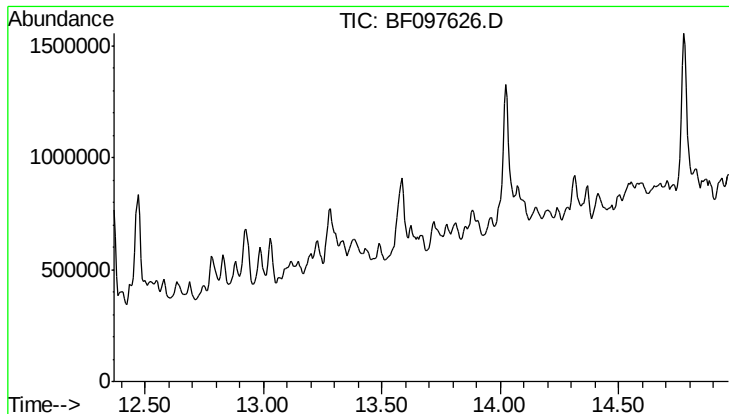
Tot Ion:142 Resp: 185656
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 32.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097626.D
Acq: 12 Aug 2017 8:14

Tgt Ion:164 Resp: 105682
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 44.9 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 13.66 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-4-OILY-DEBRIS

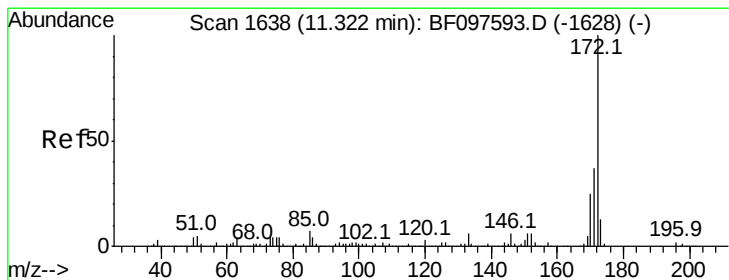
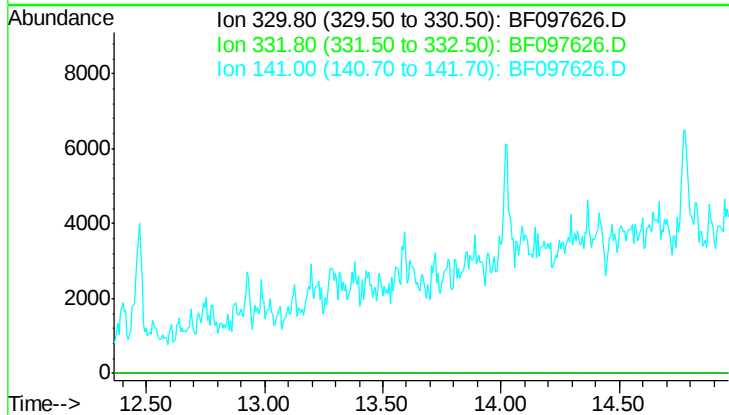
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3



#44

2-Fluorobiphenyl

Concen: 0.193 ng

RT: 11.33 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

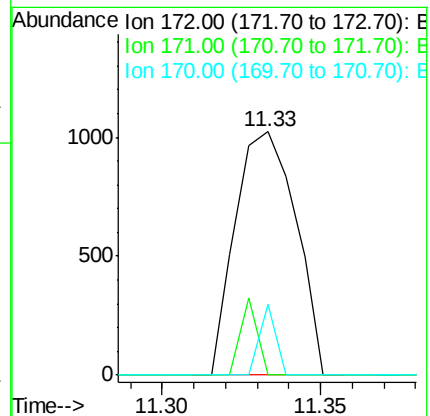
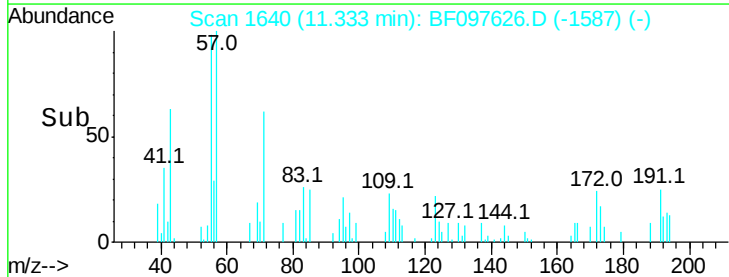
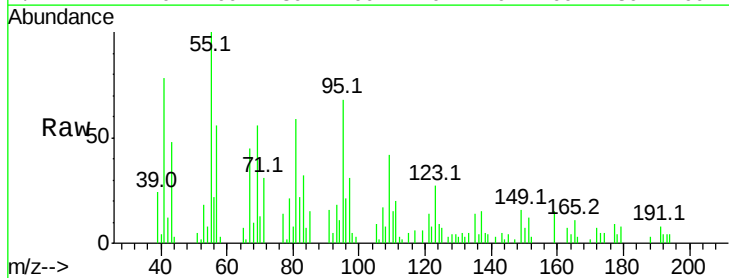
Tgt Ion:172 Resp: 1351

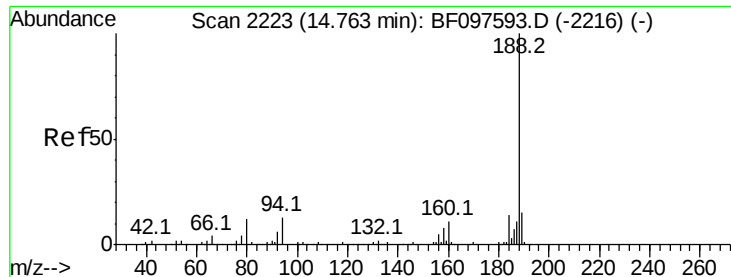
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 29.3 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-4-OILY-DEBRIS

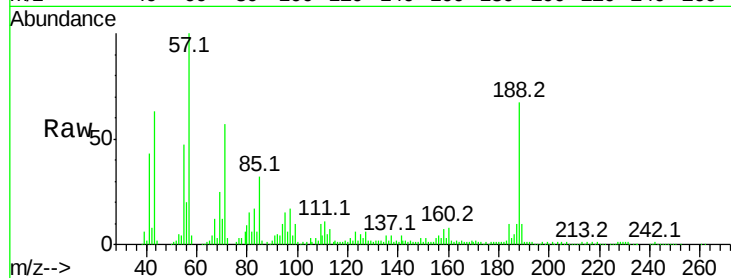
Tot Ion:188 Resp: 154024

Ion Ratio Lower Upper

188 100

94 14.6 9.4 14.2#

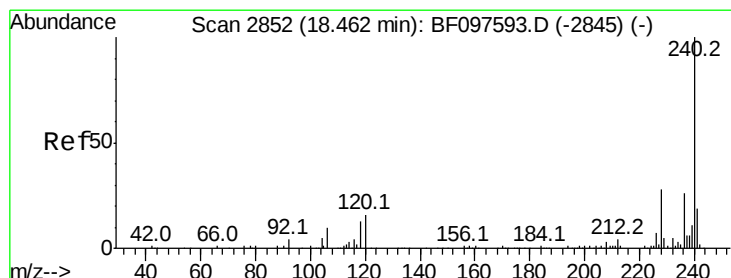
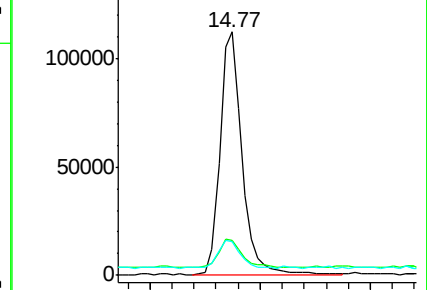
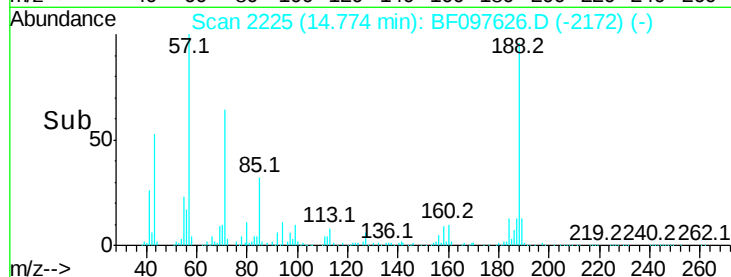
80 13.6 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

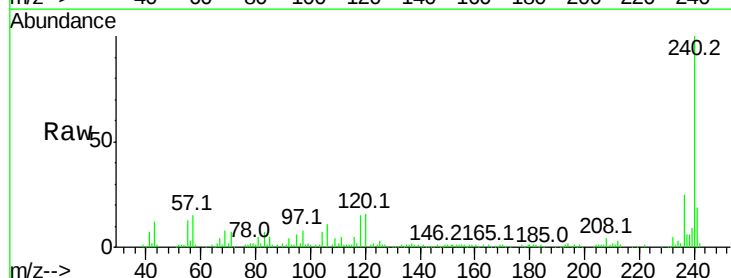
Tgt Ion:240 Resp: 160314

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

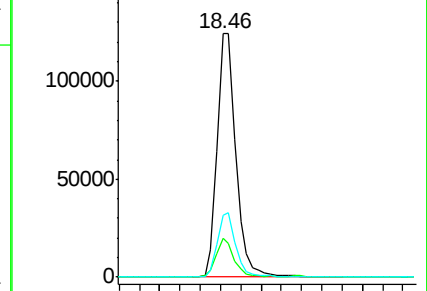
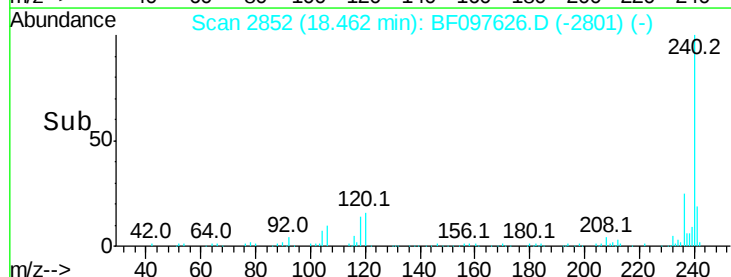
236 25.3 20.5 30.7

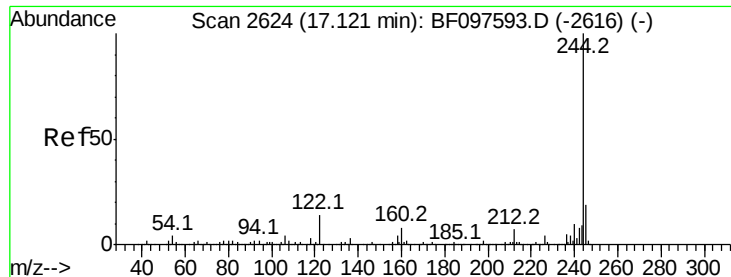


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.163 ng

RT: 17.13 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-4-OILY-DEBRIS

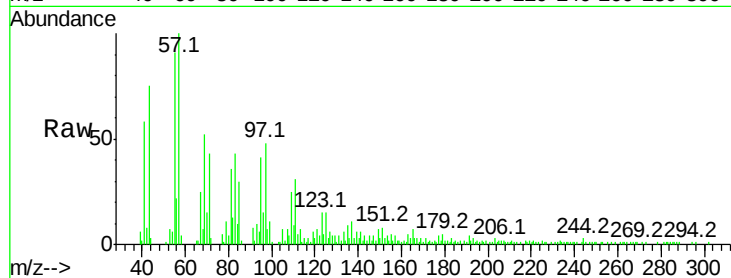
Tot Ion:244 Resp: 1260

Ion Ratio Lower Upper

244 100

212 32.8 6.0 9.0#

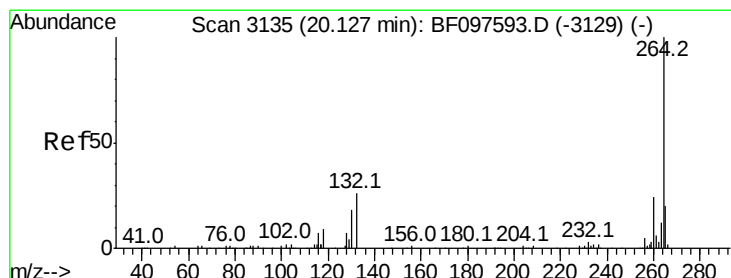
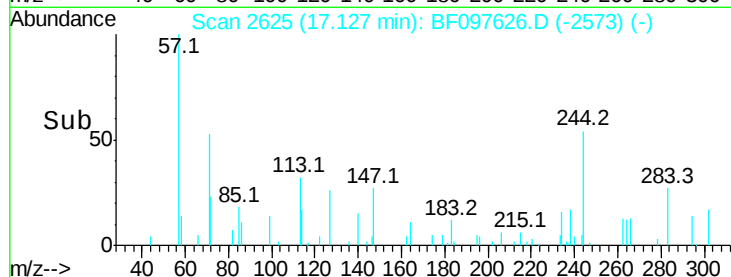
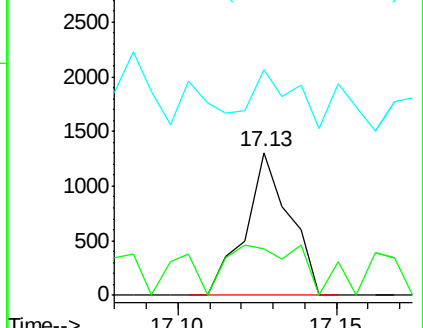
122 158.2 10.3 15.5#



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: 20.13 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BF097626.D

Acq: 12 Aug 2017 8:14

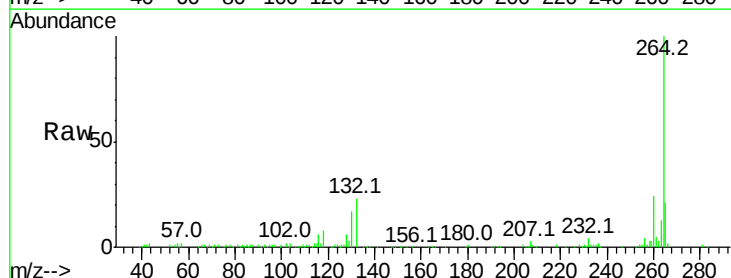
Tgt Ion:264 Resp: 155245

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.0 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

