

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098765.D
 Acq On : 24 Sep 2017 4:33
 Operator : SJ/JU
 Sample : I5291-01DL 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONEDL

Quant Time: Sep 25 08:32:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

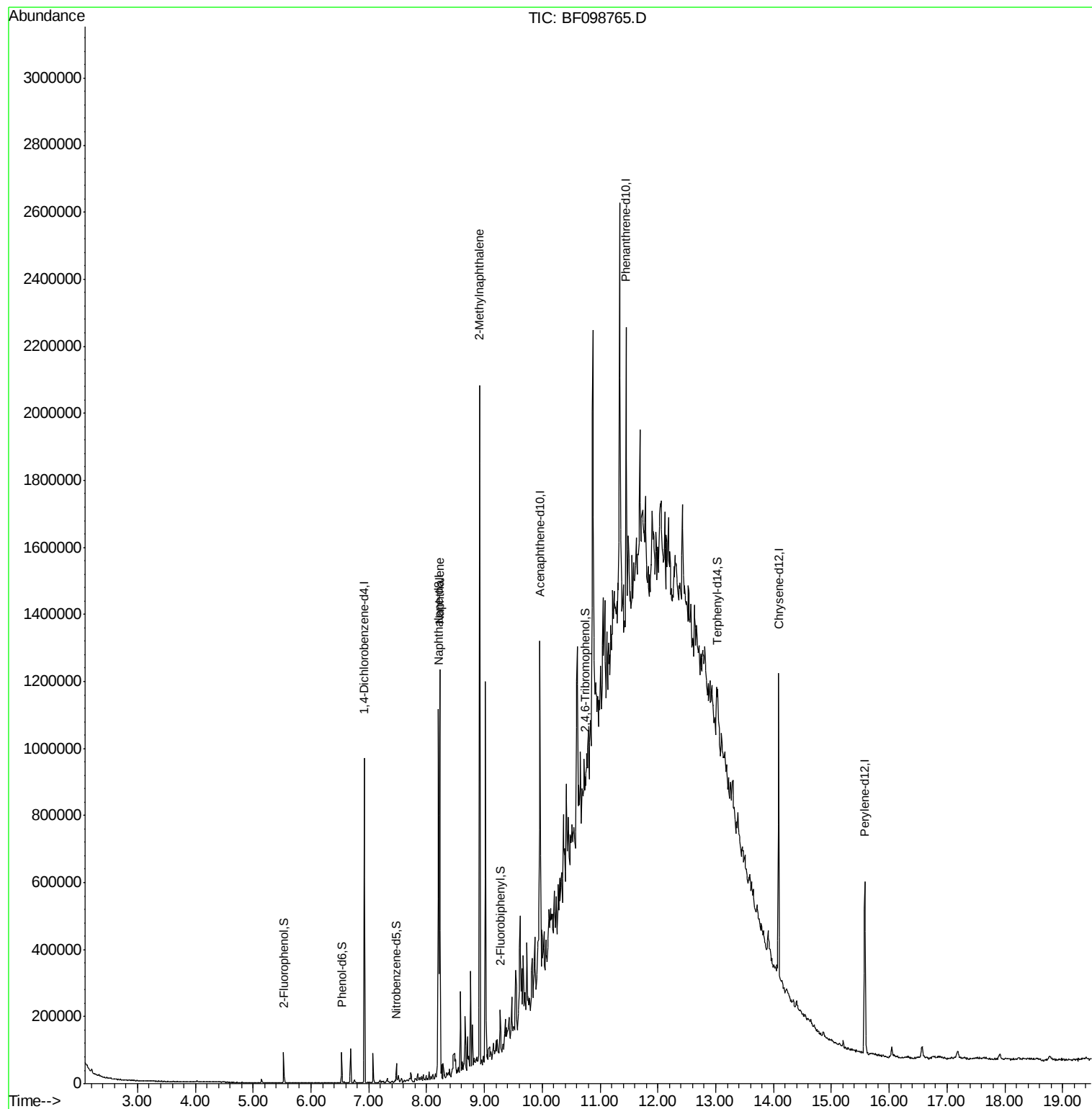
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130318	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	463323	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	168425	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	264906	20.00	ng	0.00
75) Chrysene-d12	14.09	240	277859	20.00	ng	0.00
86) Perylene-d12	15.58	264	213496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	23647	2.89	ng	-0.01
7) Phenol-d6	6.53	99	29116	2.88	ng	-0.01
23) Nitrobenzene-d5	7.47	82	14880	2.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	3264	2.37	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	28476	2.82	ng	0.00
78) Terphenyl-d14	13.03	244	25905	2.12	ng	0.00
Target Compounds						
31) Naphthalene	8.23	128	457384	21.019	ng	100
37) 2-Methylnaphthalene	8.92	142	564475	39.903	ng	99

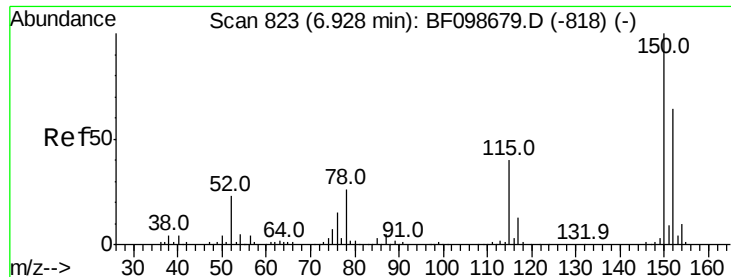
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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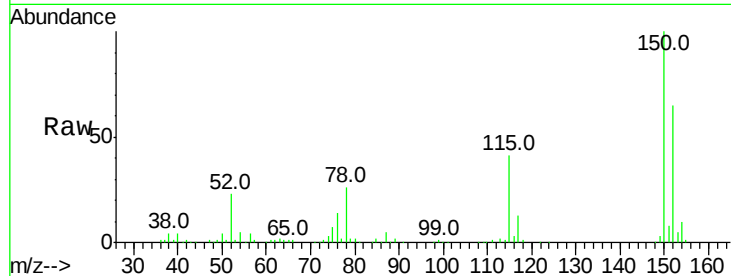


#1

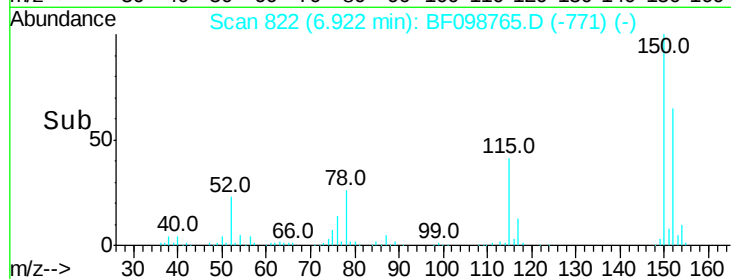
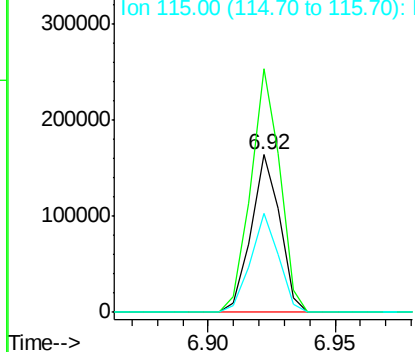
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONEDL

Tot Ion:152 Resp: 130318
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 62.7 50.1 75.1



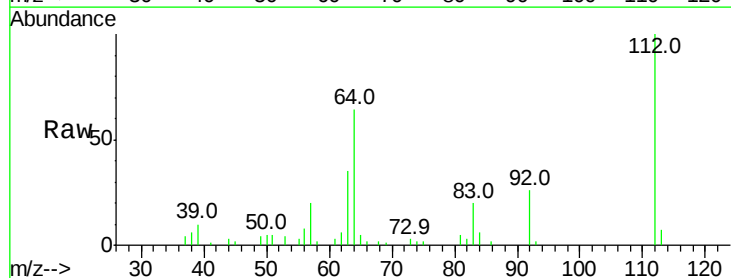
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



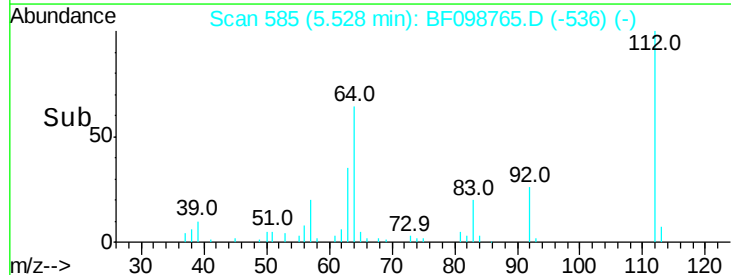
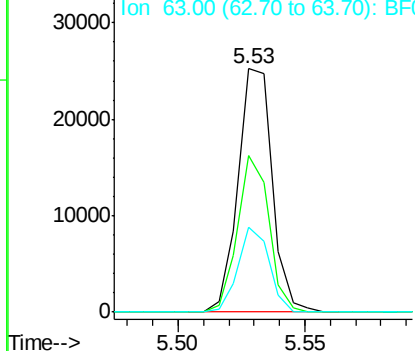
#5

2-Fluorophenol
 Concen: 2.889 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion:112 Resp: 23647
 Ion Ratio Lower Upper
 112 100
 64 64.1 47.9 71.9
 63 35.0 23.7 35.5



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: 2.883 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

OILY-STONEDL

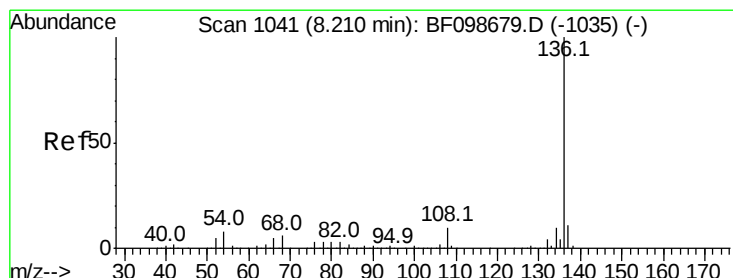
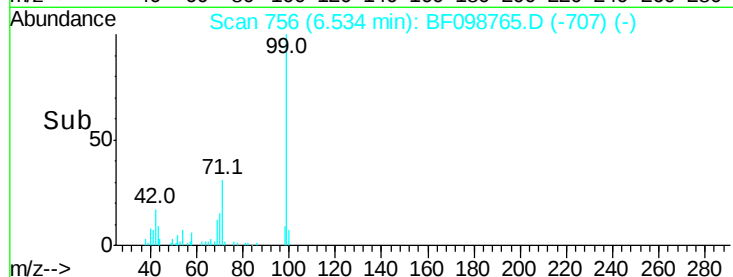
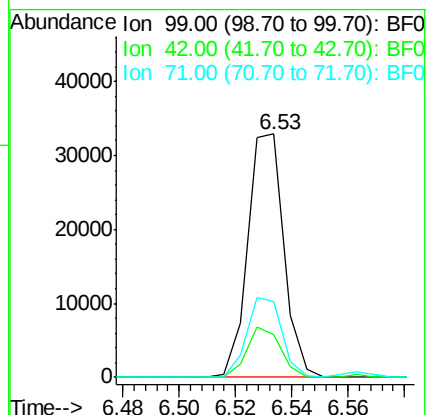
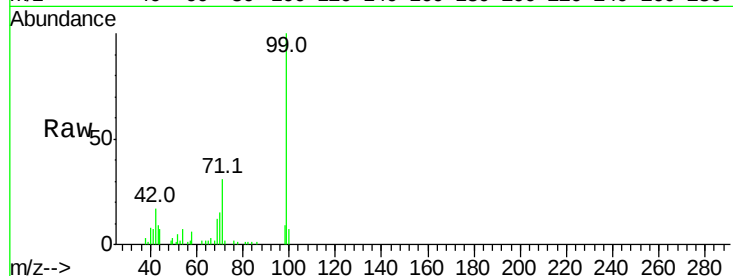
Tot Ion: 99 Resp: 29116

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 31.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Tgt Ion: 136 Resp: 463323

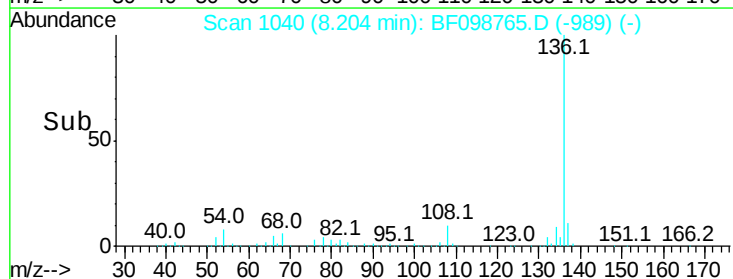
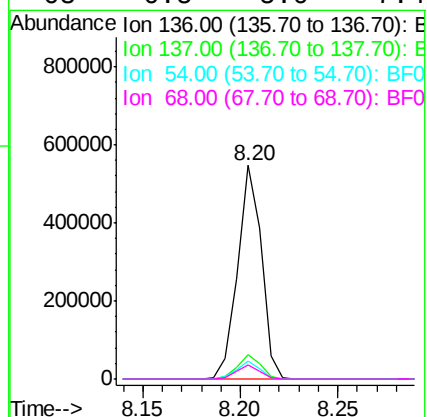
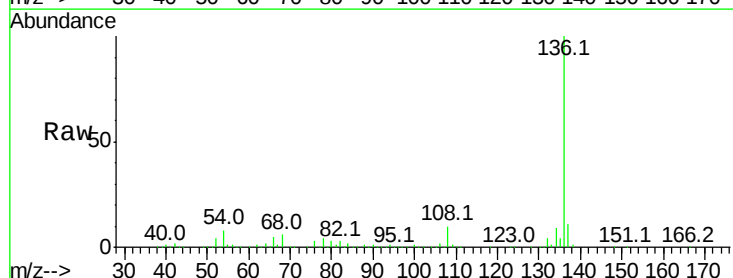
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.1 6.6 9.8

68 6.5 5.0 7.4

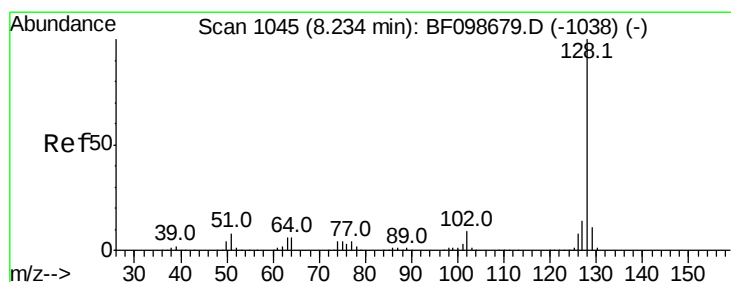
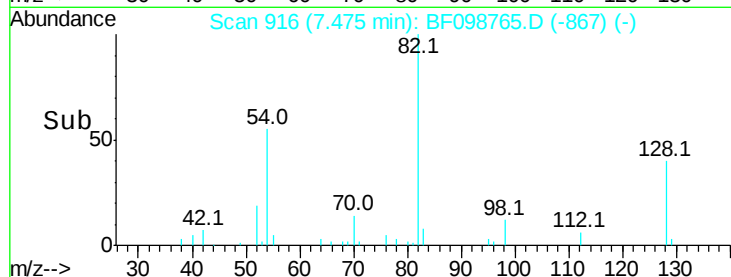
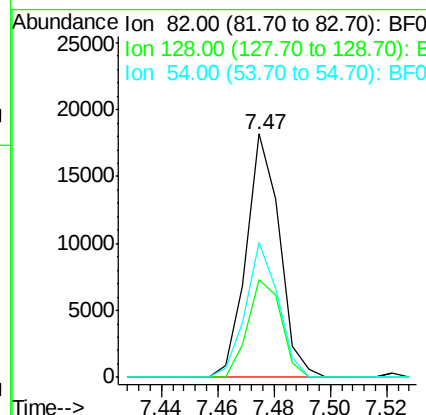
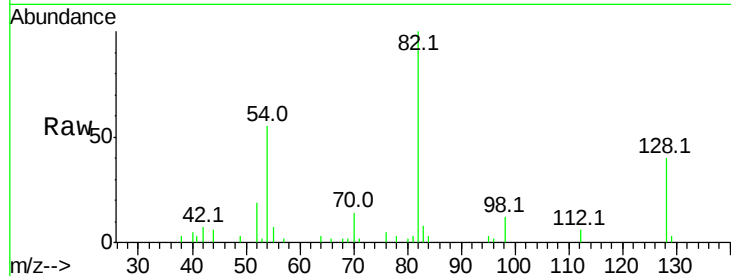




#23
Nitrobenzene-d5
Concen: 2.060 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

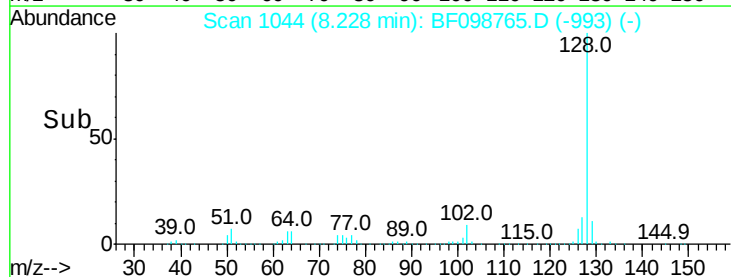
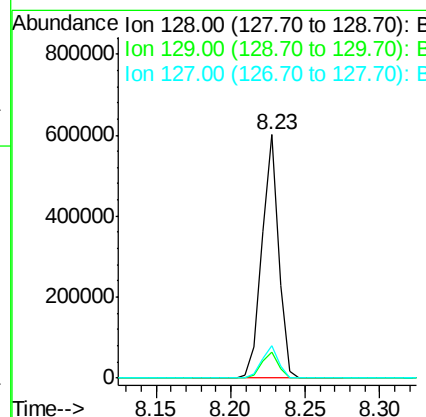
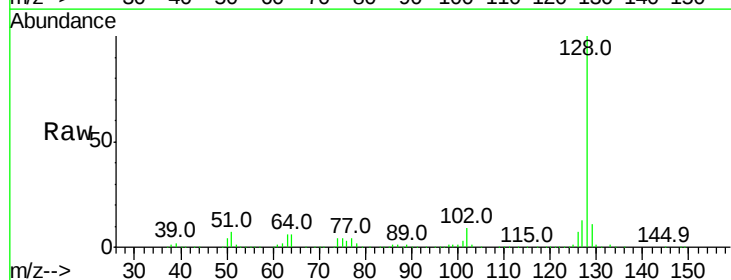
Instrument :
BNA_F
ClientSampleId :
OILY-STONEDL

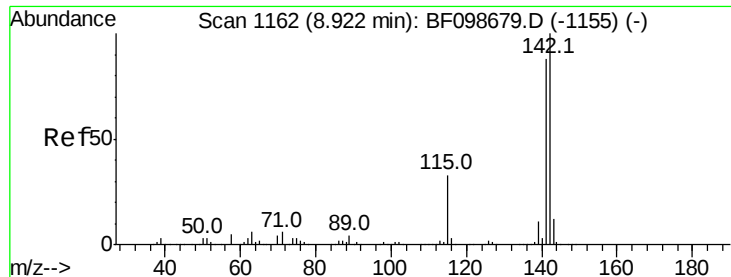
Tot Ion: 82 Resp: 14880
Ion Ratio Lower Upper
82 100
128 40.0 36.1 54.1
54 55.1 41.4 62.2



#31
Naphthalene
Concen: 21.019 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:128 Resp: 457384
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.9 16.3

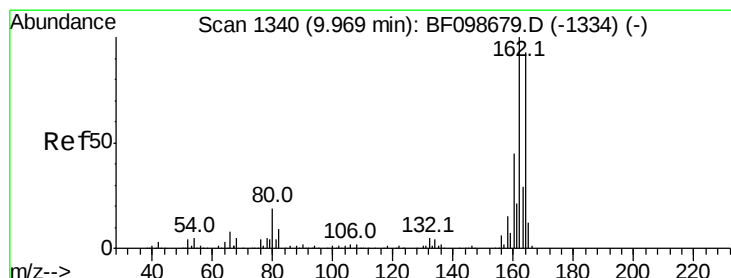
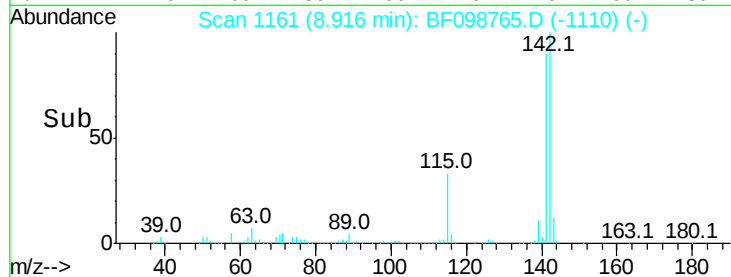
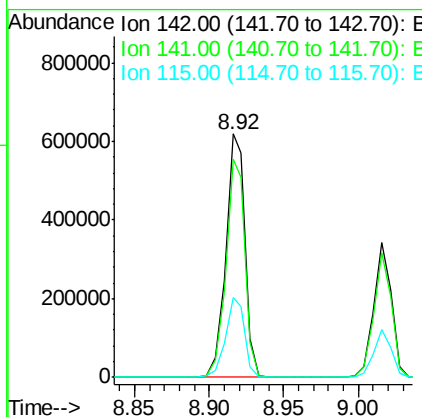
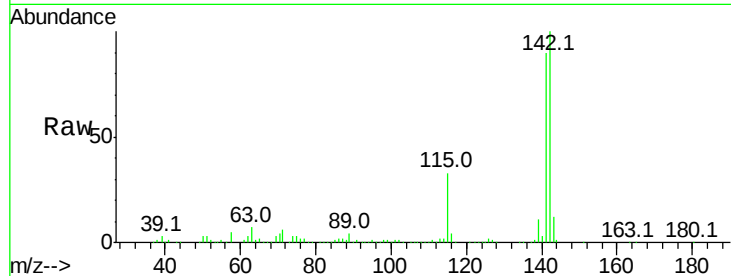




#37
 2-Methylnaphthalene
 Concen: 39.903 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

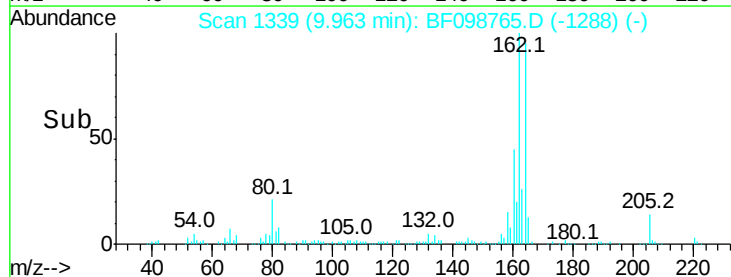
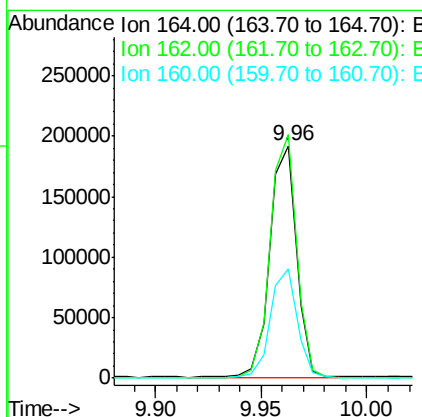
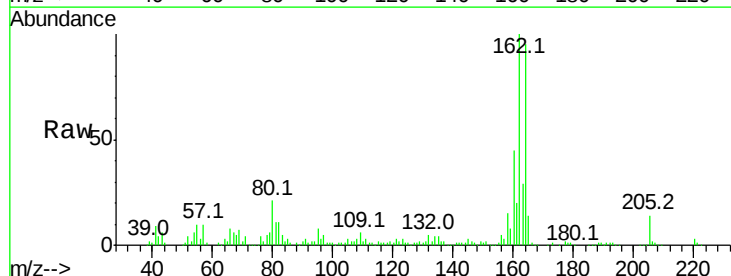
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONEDL

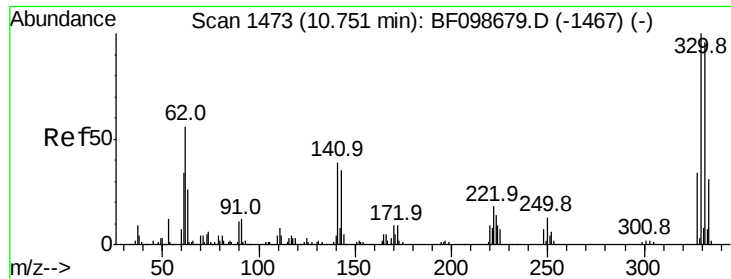
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	32.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.1	38.3	57.5

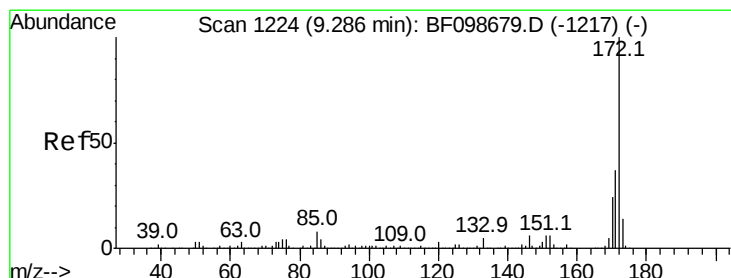
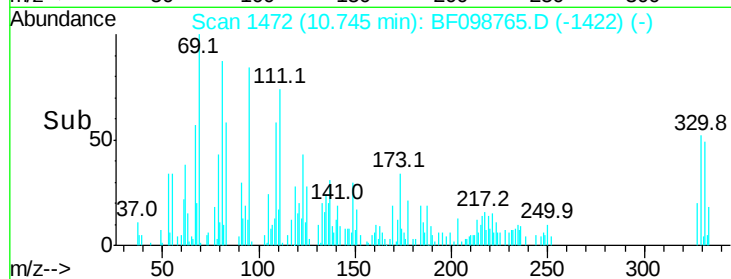
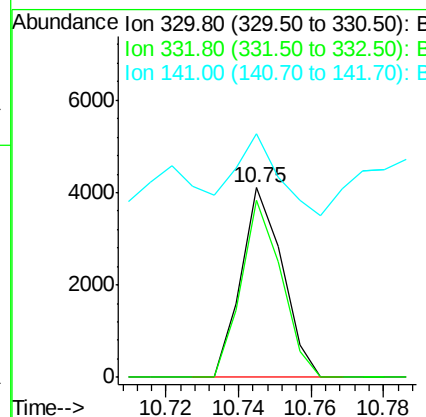
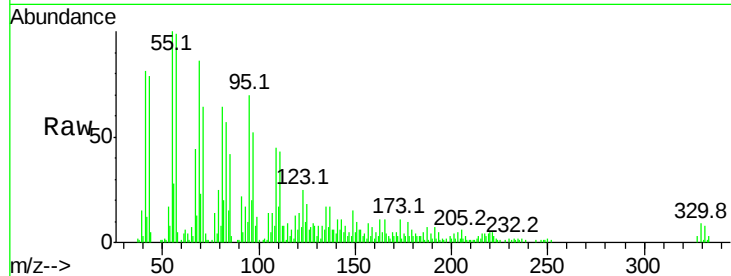




#41
 2,4,6-Tribromophenol
 Concen: 2.368 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

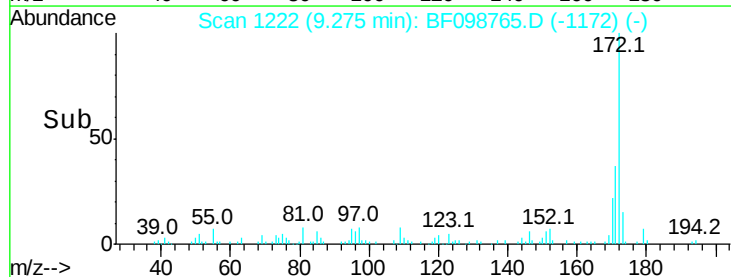
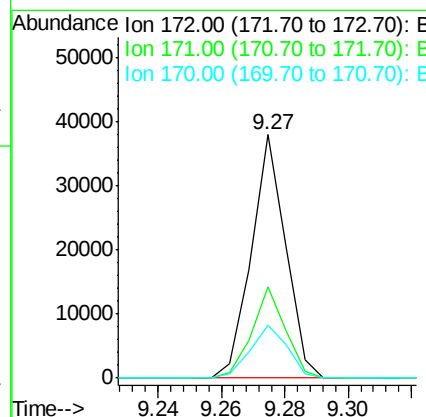
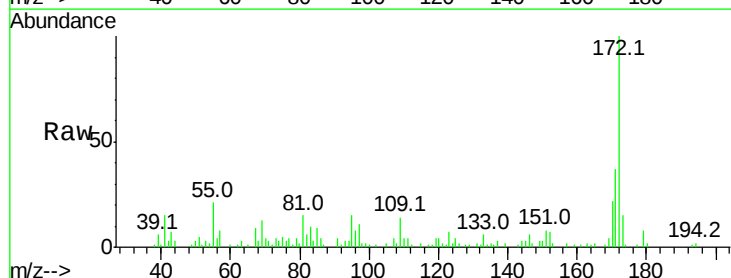
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONEDL

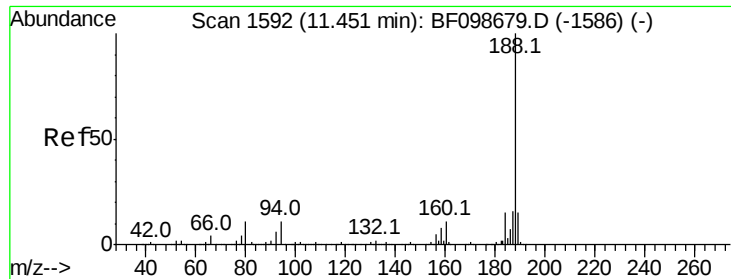
Tot Ion:330 Resp: 3264
 Ion Ratio Lower Upper
 330 100
 332 90.4 77.0 115.6
 141 43.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 2.823 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion:172 Resp: 28476
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 21.9 19.6 29.4

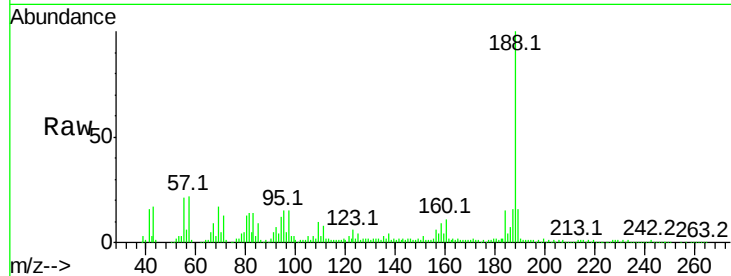




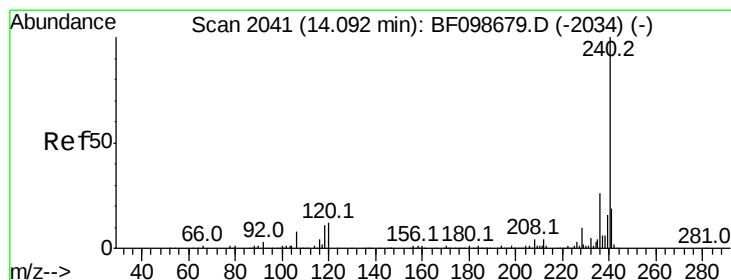
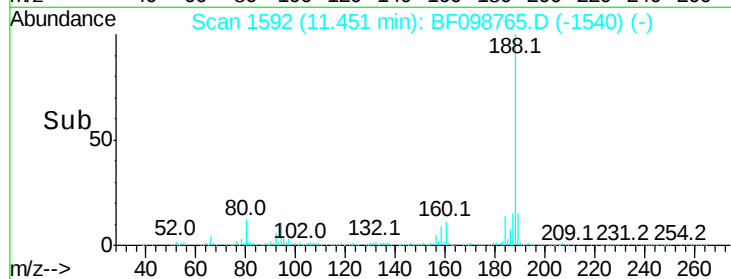
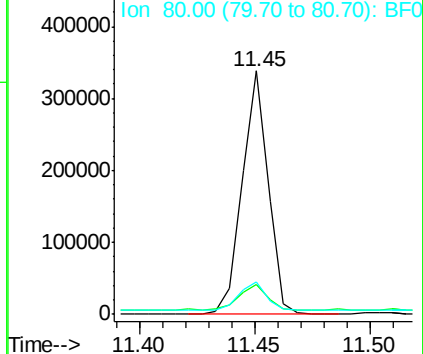
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Instrument :
BNA_F
ClientSampleId :
OILY-STONEDL

Tot Ion:188 Resp: 264906
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.4 9.2 13.8

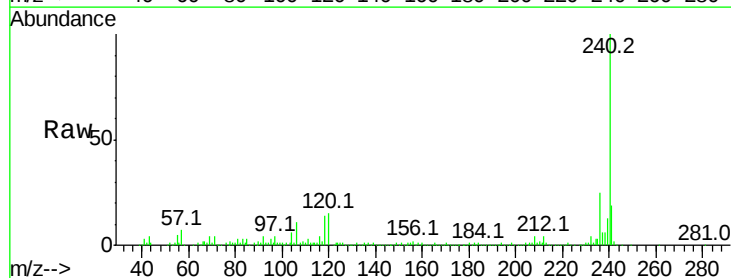


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

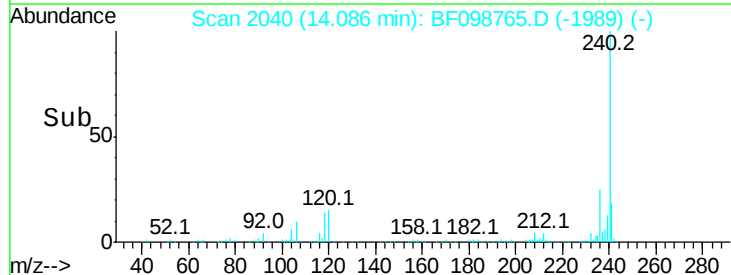
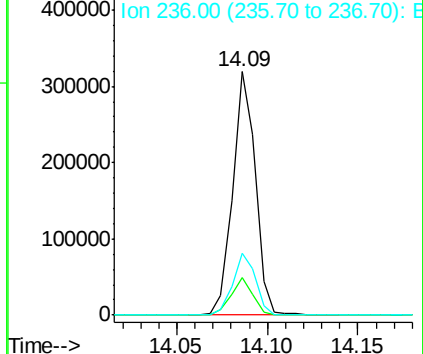


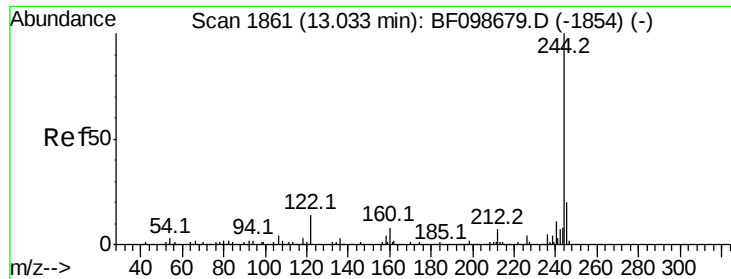
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:240 Resp: 277859
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 25.3 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

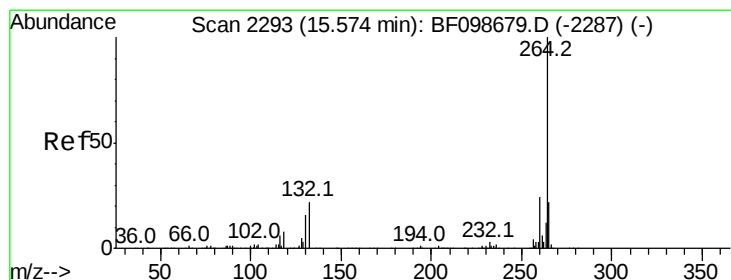
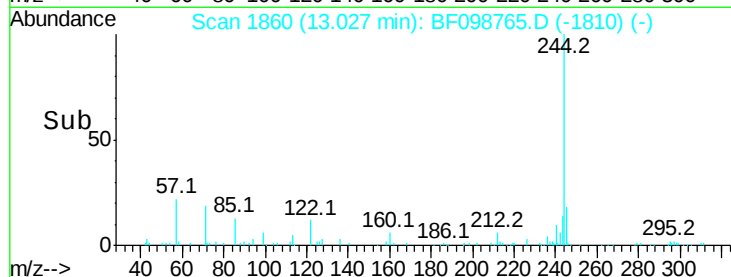
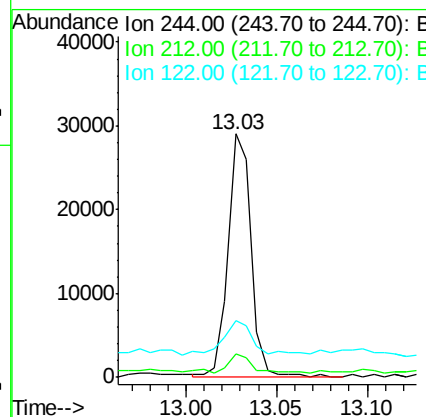
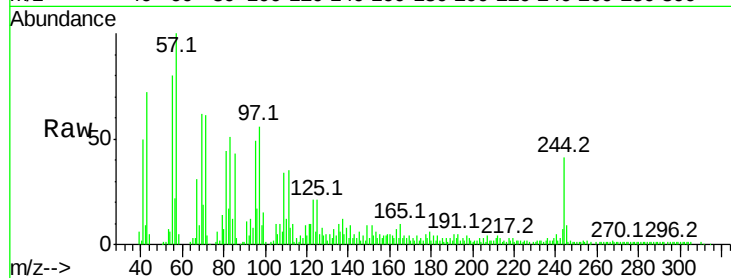




#78
 Terphenyl-d14
 Concen: 2.120 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONEDL

Tot Ion:244 Resp: 25905
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.4 8.0#
 122 23.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion:264 Resp: 213496
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.5 26.3

