

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110256.D
 Acq On : 29 Oct 2018 12:25
 Operator : JU/SJ
 Sample : J5703-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-01-BASE

Quant Time: Oct 29 13:03:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

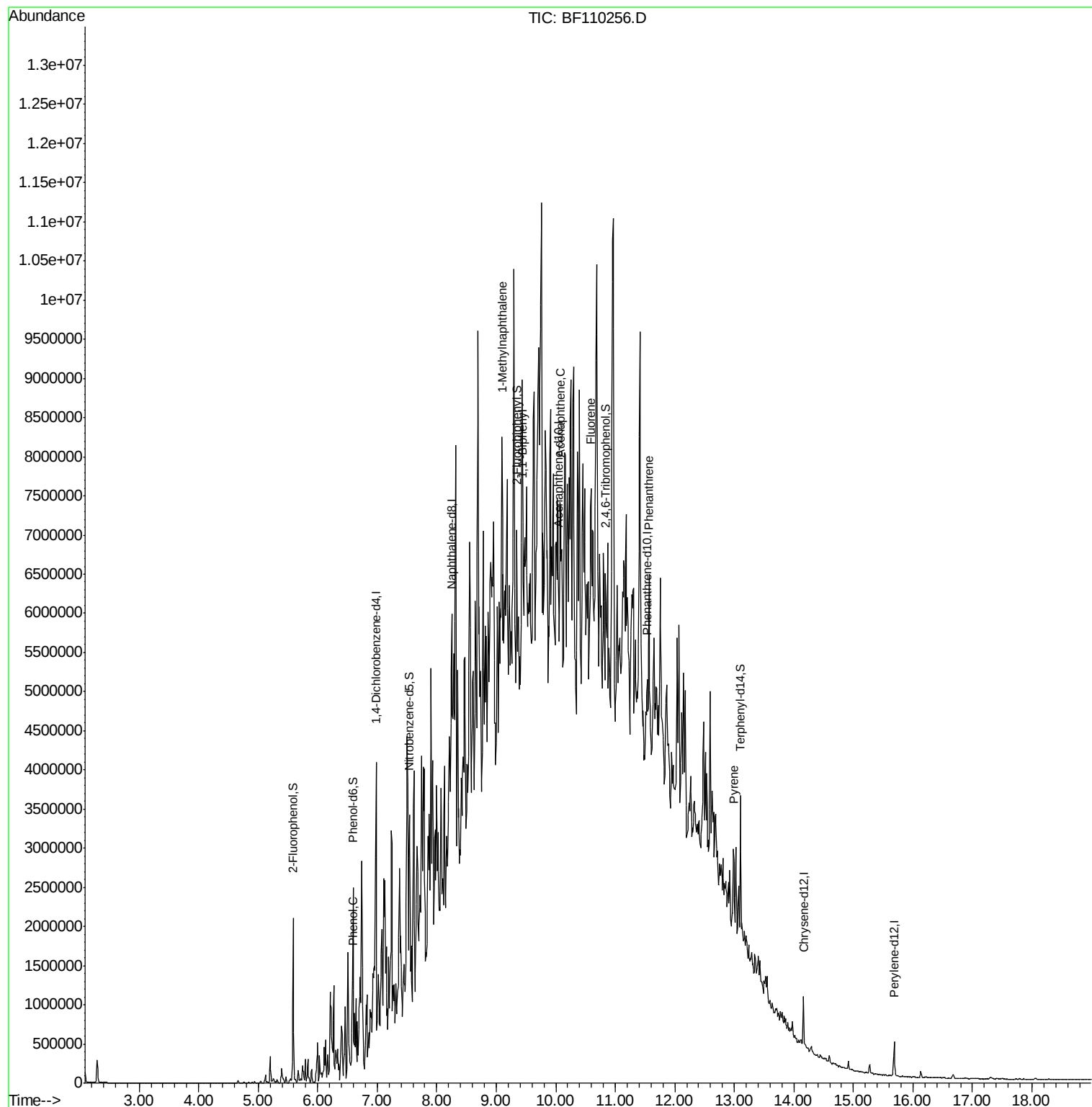
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	86600	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	306822	20.00	ng	0.01
39) Acenaphthene-d10	10.05	164	120266	20.00	ng	0.03
64) Phenanthrene-d10	11.53	188	187182	20.00	ng	0.02
76) Chrysene-d12	14.16	240	206889	20.00	ng	0.00
87) Perylene-d12	15.69	264	182953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	580759	109.21	ng	0.00
7) Phenol-d6	6.59	99	730189	107.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	444142	85.86	ng	0.00
42) 2,4,6-Tribromophenol	10.84	330	98590	82.76	ng	0.03
45) 2-Fluorobiphenyl	9.35	172	609188	79.54	ng	0.02
79) Terphenyl-d14	13.10	244	521368	52.41	ng	0.01
Target Compounds						
10) Phenol	6.60	94	45994	6.326	ng	# 66
38) 1-Methylnaphthalene	9.09	142	914877	101.186	ng	# 98
46) 1,1'-Biphenyl	9.45	154	265583	24.420	ng	# 98
52) Acenaphthene	10.08	154	193330	25.363	ng	# 61
58) Fluorene	10.60	166	326029	41.047	ng	# 87
71) Phenanthrene	11.57	178	1171362	119.597	ng	# 95
78) Pyrene	12.98	202	211203	14.240	ng	# 81

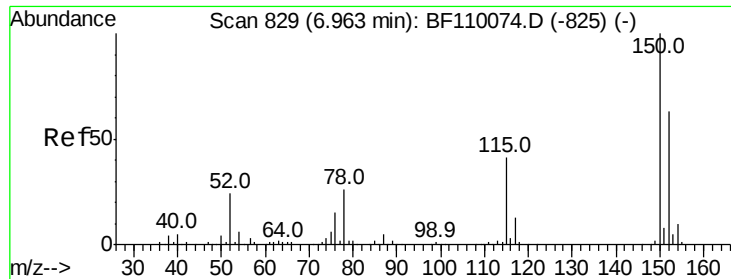
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASE

Quant Time: Oct 29 13:03:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 12:32:31 2018
Response via : Initial Calibration



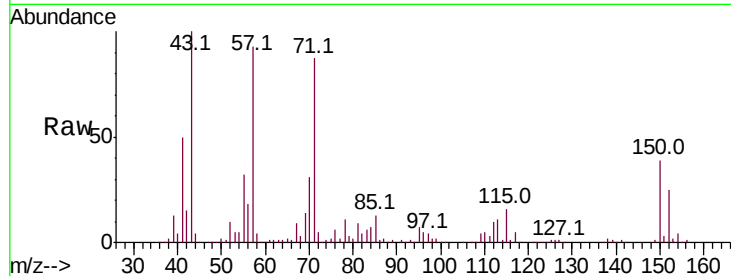


#1

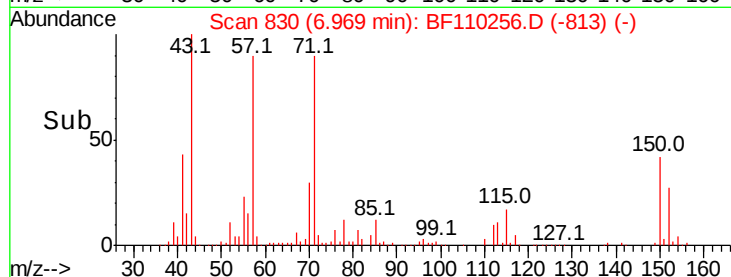
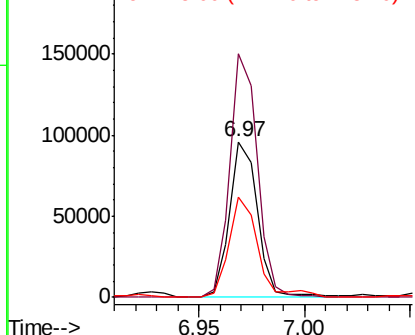
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASE

Tot Ion:152 Resp: 86600
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 64.4 49.1 73.7



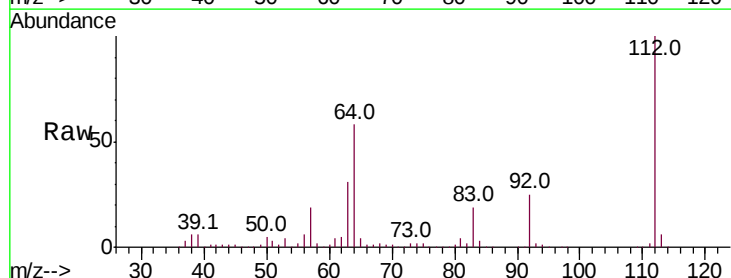
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



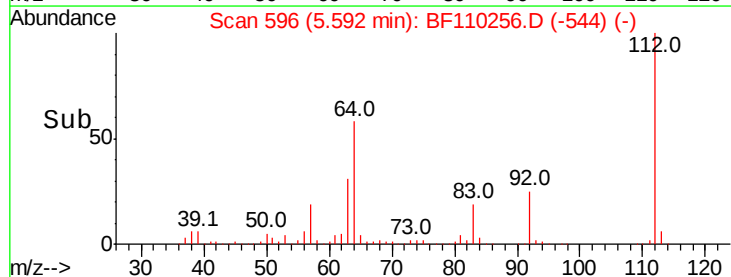
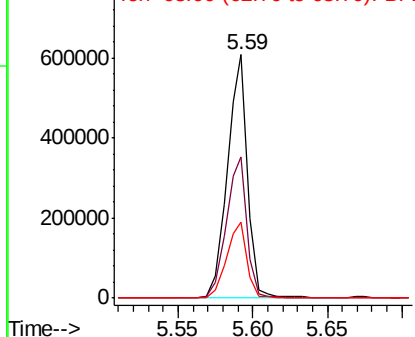
#5

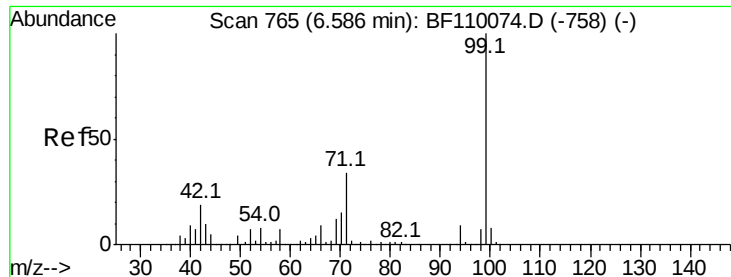
2-Fluorophenol
Concen: 109.208 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:112 Resp: 580759
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 31.2 23.7 35.5



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: 107.348 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

TRENCH-01-BASE

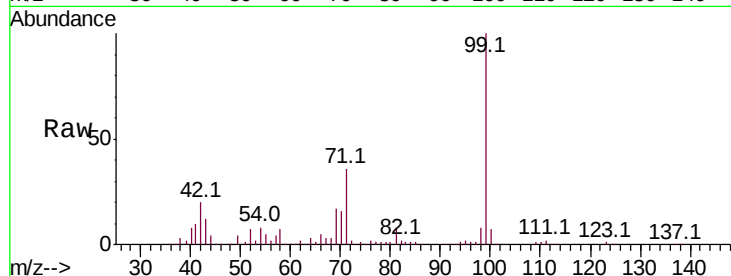
Tot Ion: 99 Resp: 730189

Ion Ratio Lower Upper

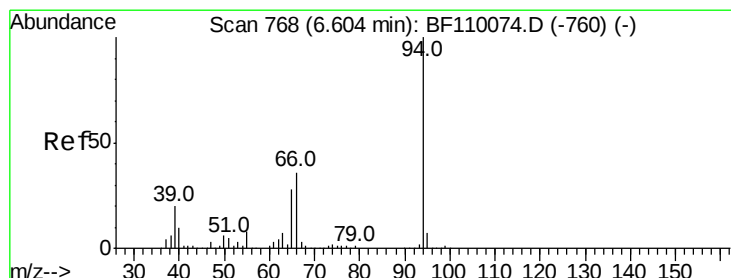
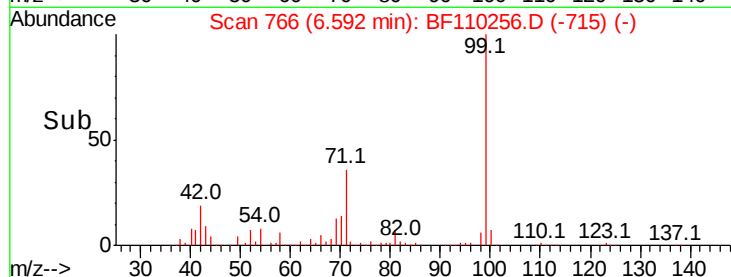
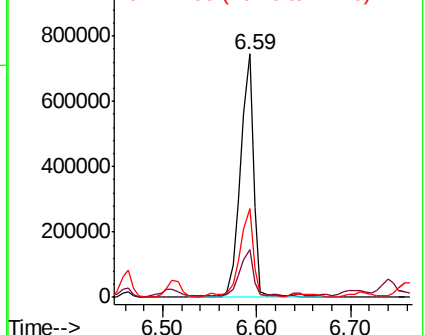
99 100

42 19.7 15.8 23.6

71 36.5 28.0 42.0



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



#10

Phenol

Concen: 6.326 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

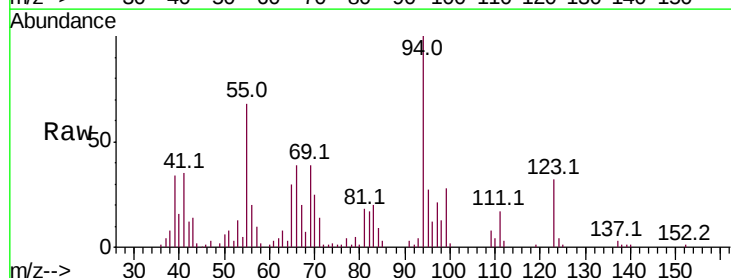
Tgt Ion: 94 Resp: 45994

Ion Ratio Lower Upper

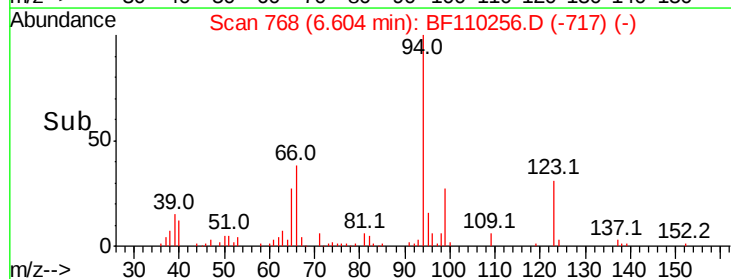
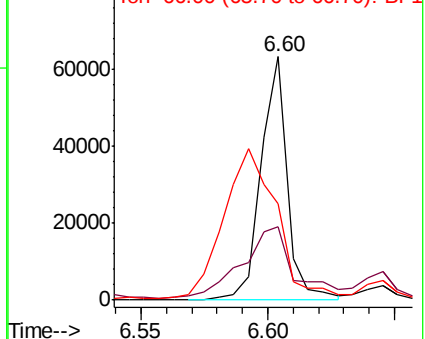
94 100

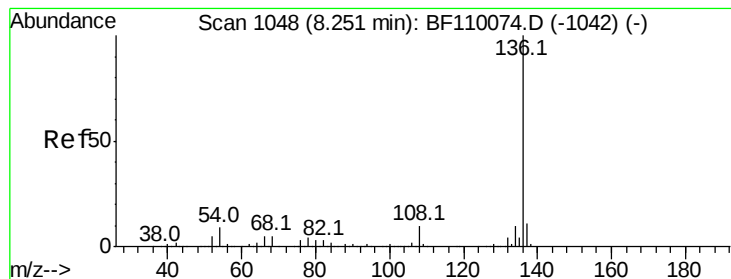
65 30.1 25.3 65.3

66 39.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

TRENCH-01-BASE

Tot Ion:136 Resp: 306822

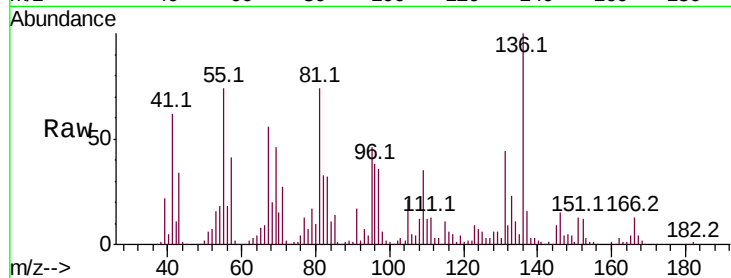
Ion Ratio Lower Upper

136 100

137 15.7 8.8 13.2#

54 17.7 5.4 8.2#

68 19.8 4.2 6.2#

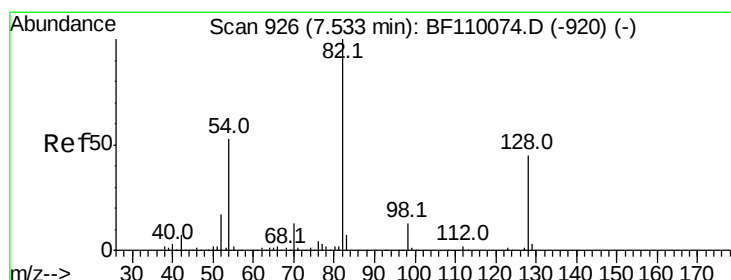
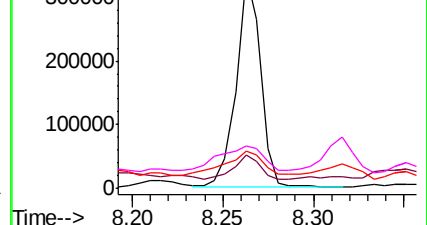
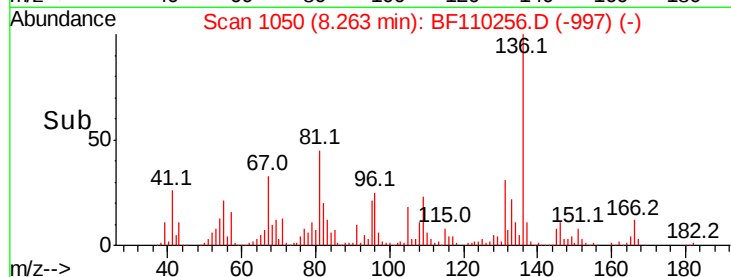


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.859 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

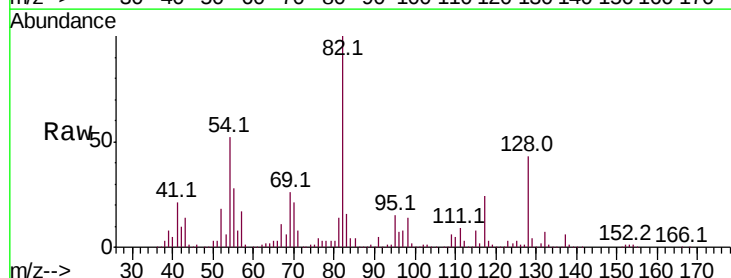
Tgt Ion: 82 Resp: 444142

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.2

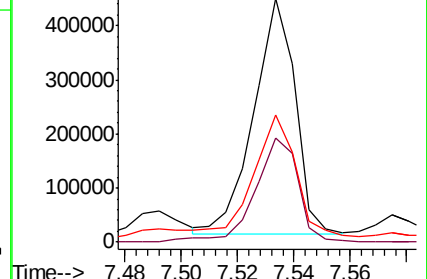
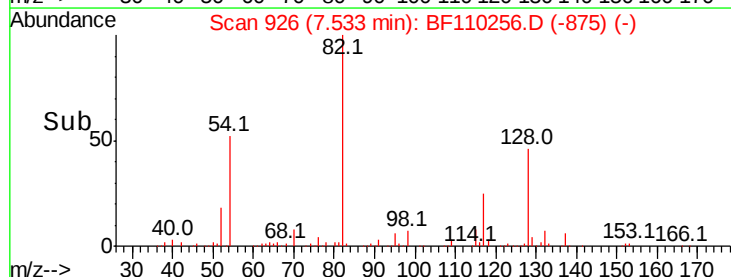
54 52.4 38.6 58.0

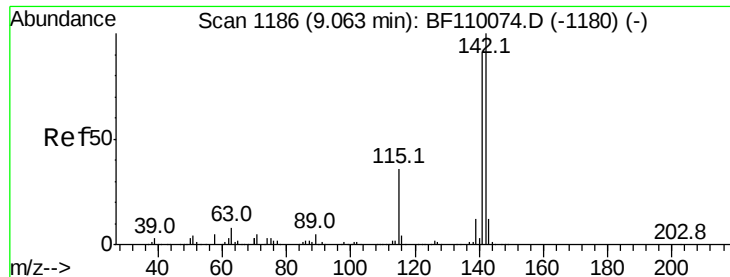


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

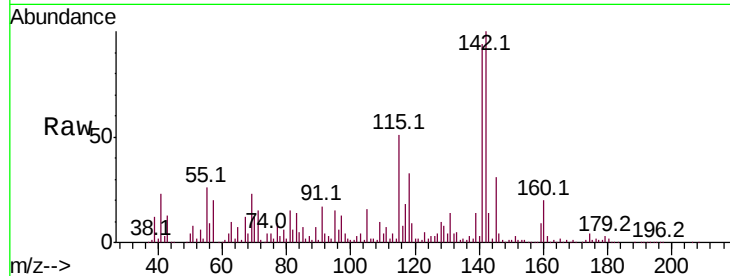




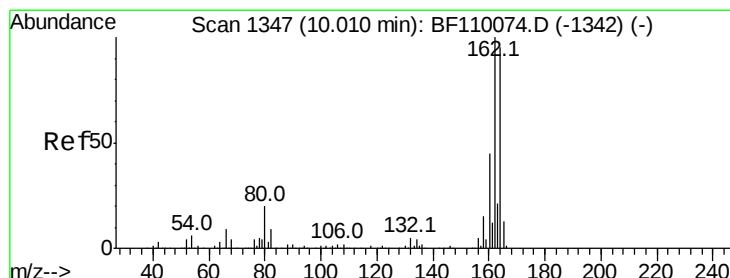
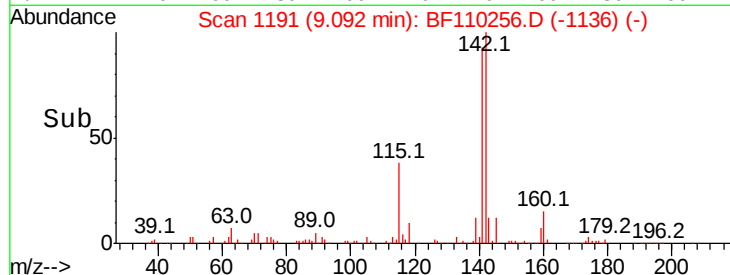
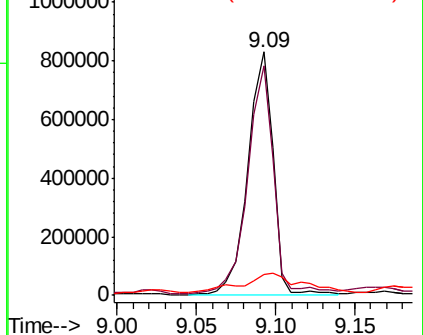
#38
1-Methylnaphthalene
Concen: 101.186 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASE

Tot Ion:142 Resp: 914877
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.4
116 8.3 2.6 4.0#

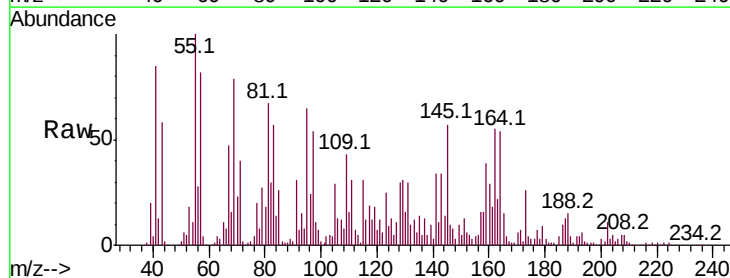


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

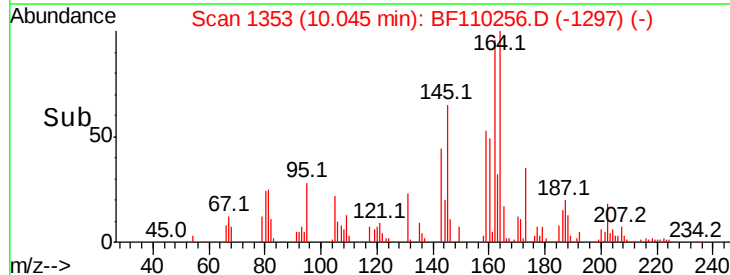
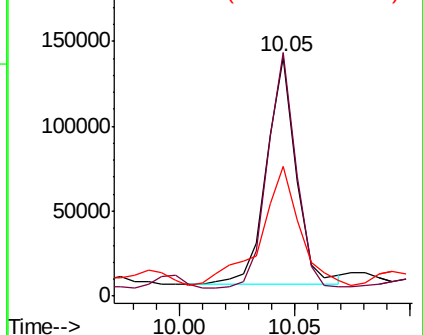


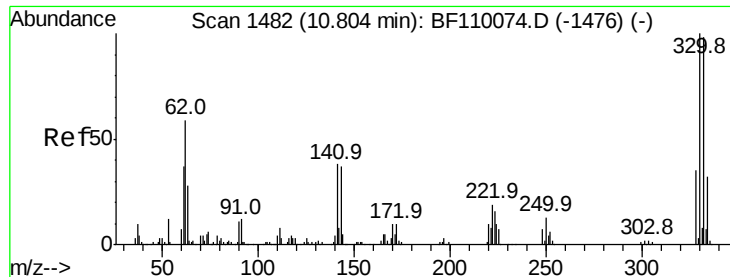
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.03 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:164 Resp: 120266
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 54.3 37.0 55.6



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: 82.757 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.03 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

TRENCH-01-BASE

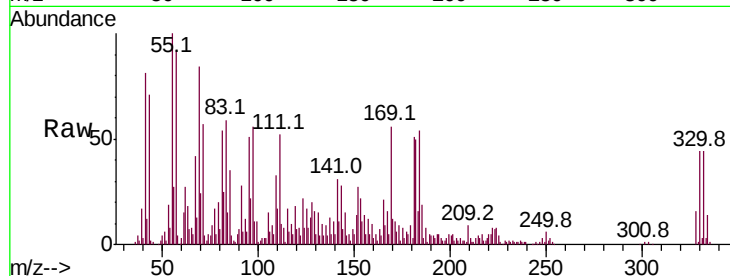
Tot Ion:330 Resp: 98590

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

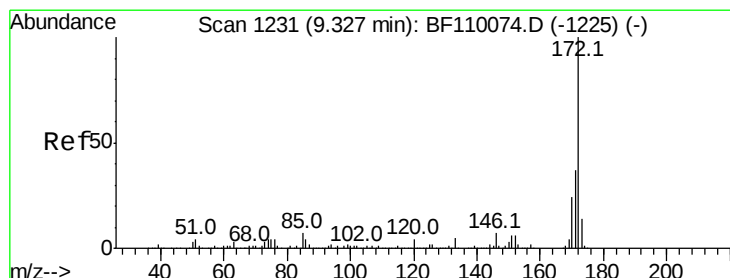
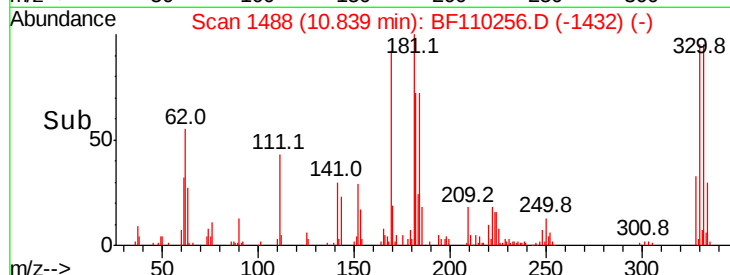
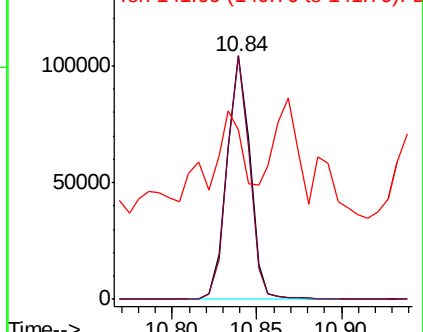
141 49.2 27.0 40.4#



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: 79.539 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

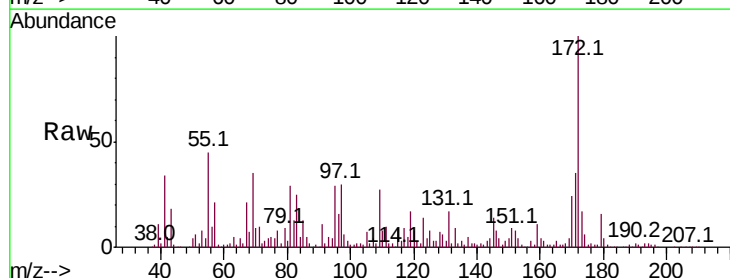
Tgt Ion:172 Resp: 609188

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

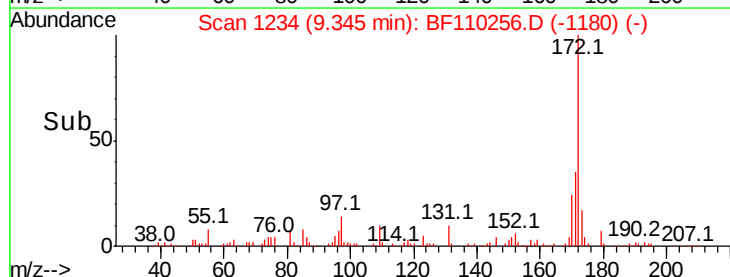
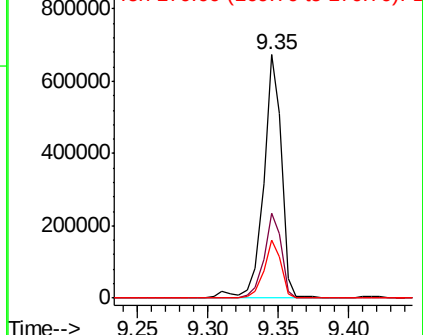
170 23.7 19.7 29.5

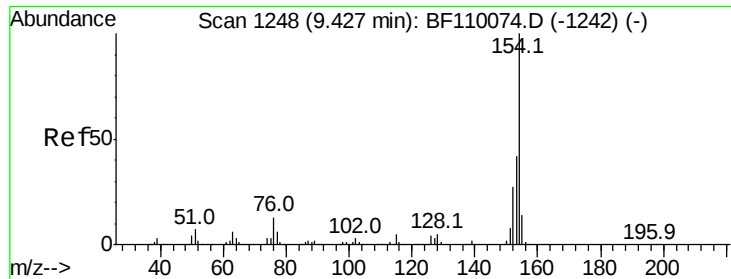


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

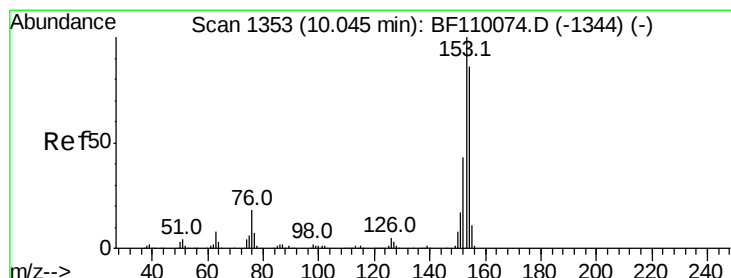
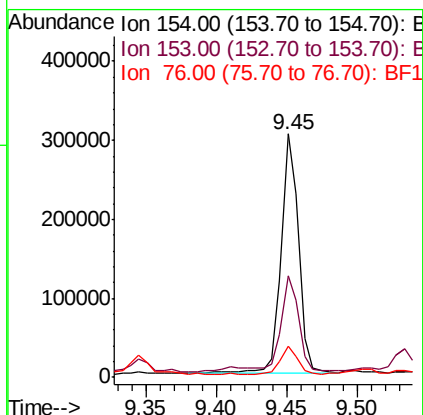
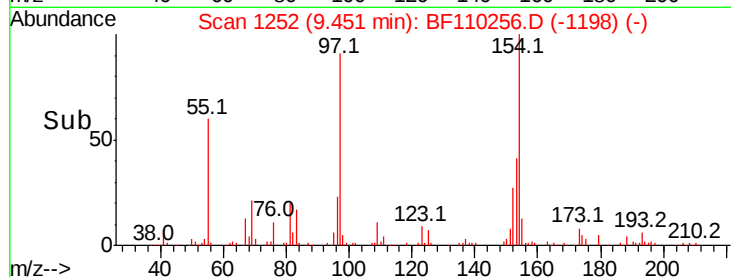
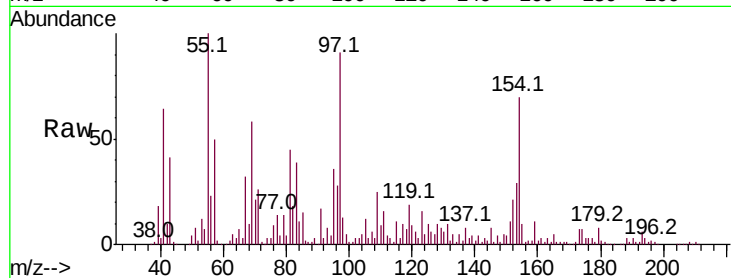




#46
 1,1'-Biphenyl
 Concen: 24.420 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.02 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

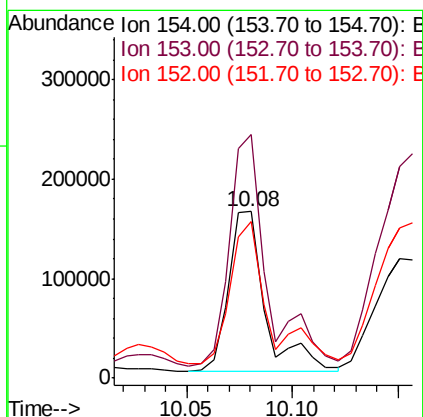
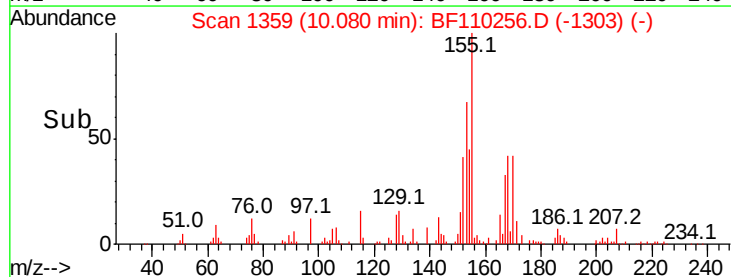
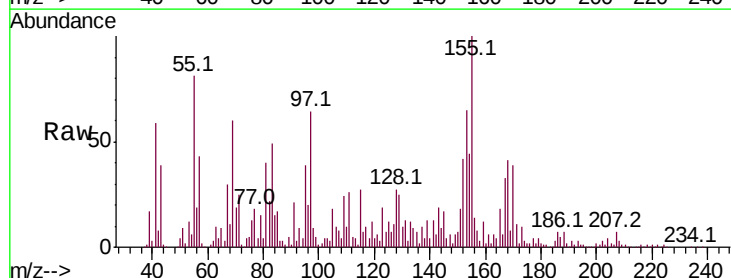
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-01-BASE

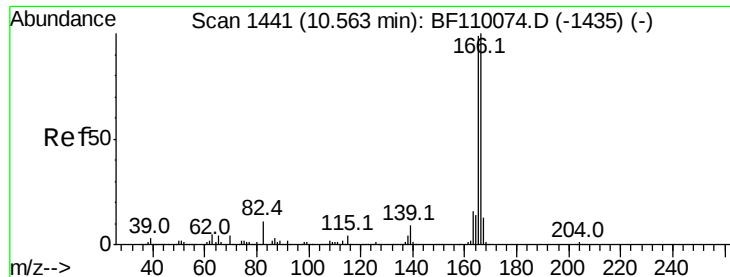
Tot Ion:154 Resp: 265583
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.4 60.4
 76 12.8 0.0 31.9



#52
 Acenaphthene
 Concen: 25.363 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.03 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

Tgt Ion:154 Resp: 193330
 Ion Ratio Lower Upper
 154 100
 153 146.2 90.1 135.1#
 152 93.7 43.4 65.2#





#58

Fluorene

Concen: 41.047 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

TRENCH-01-BASE

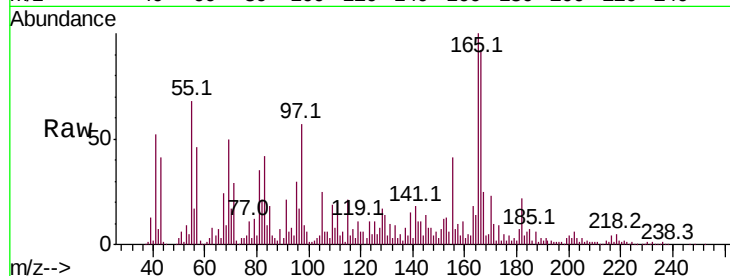
Tot Ion:166 Resp: 326029

Ion Ratio Lower Upper

166 100

165 108.3 78.6 117.8

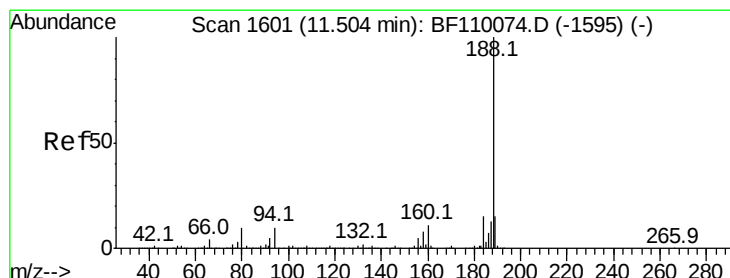
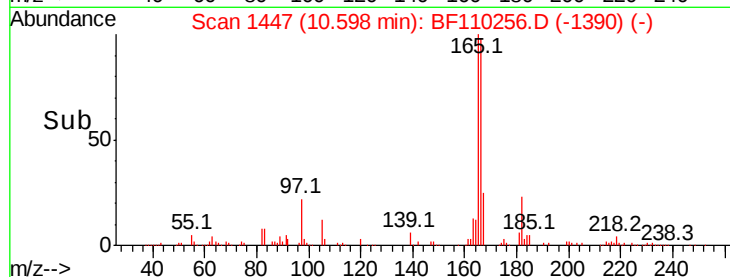
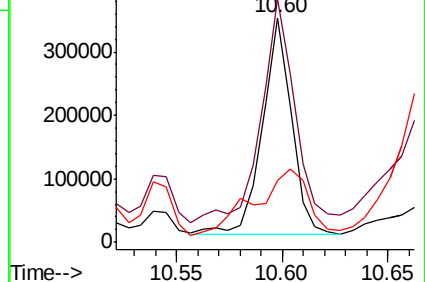
167 27.4 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

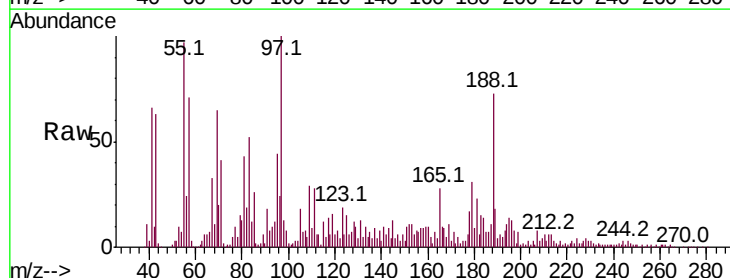
Tgt Ion:188 Resp: 187182

Ion Ratio Lower Upper

188 100

94 16.6 7.2 10.8#

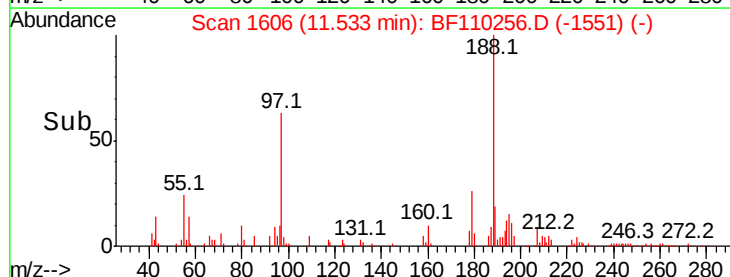
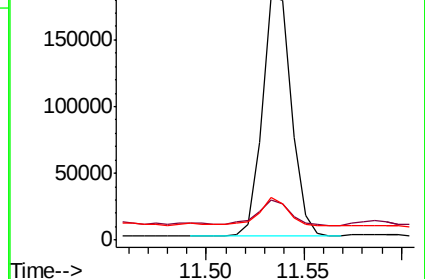
80 17.4 7.9 11.9#

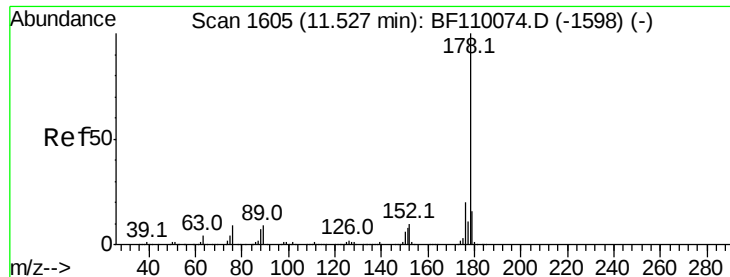


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 119.597 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

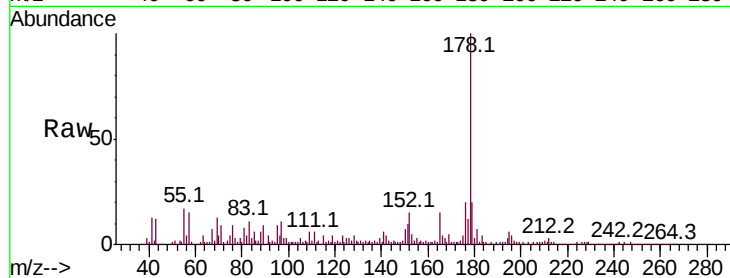
BNA_F

ClientSampleId :

TRENCH-01-BASE

Tot Ion:178 Resp: 1171362

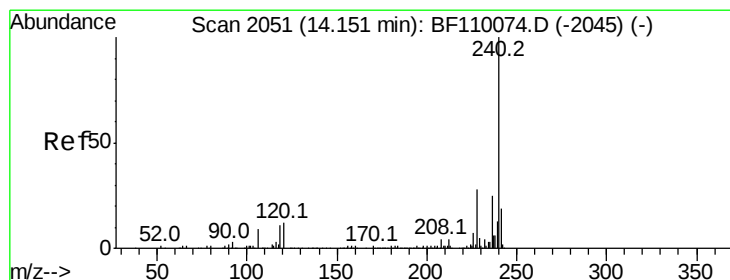
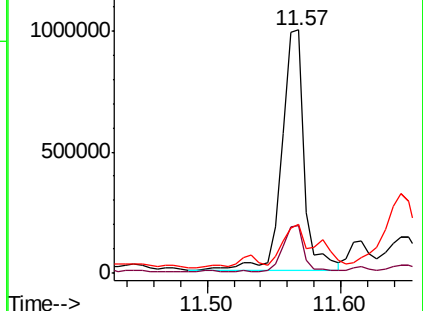
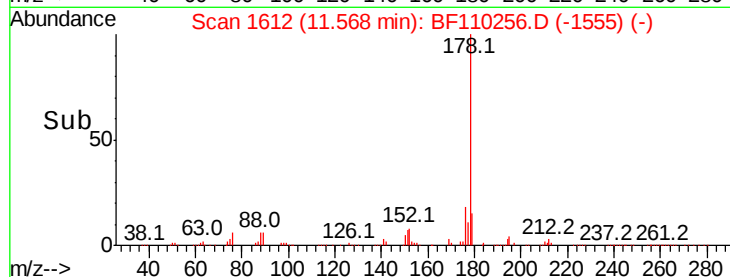
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	19.9	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

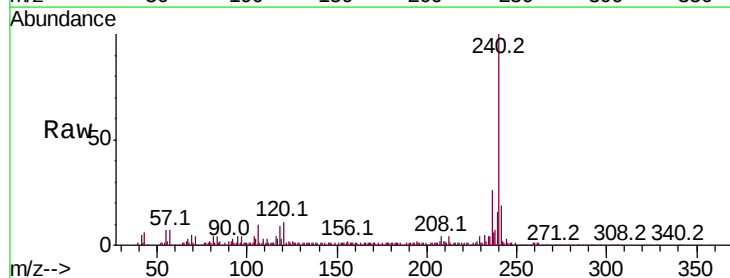
Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Tgt Ion:240 Resp: 206889

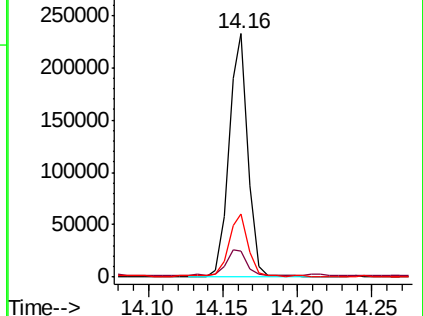
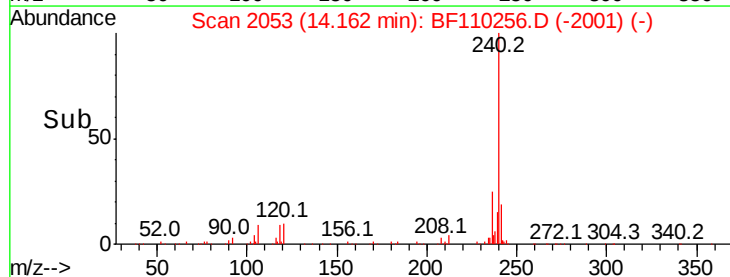
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.0	21.2	31.8

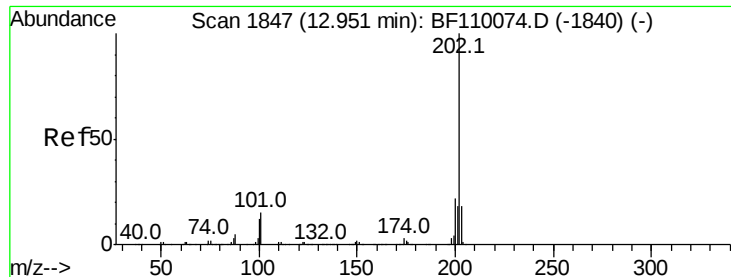


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

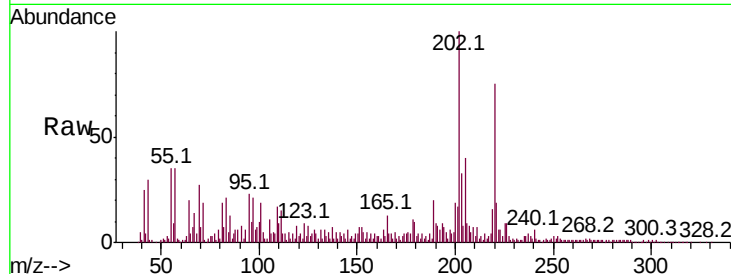




#78
Pvrene
Concen: 14.240 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASE

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.8	26.6
203	32.7	14.2	21.4

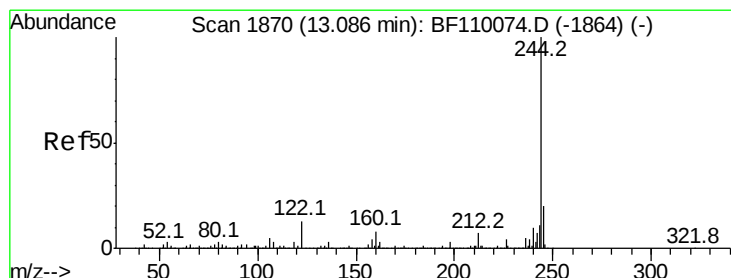
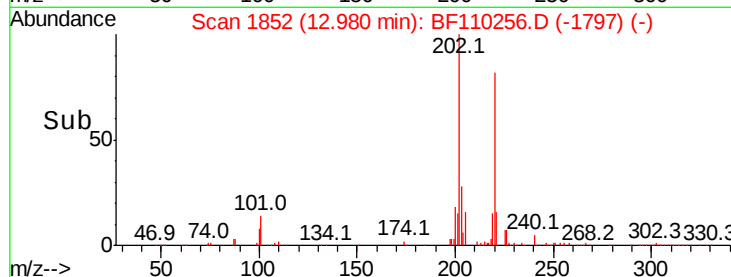
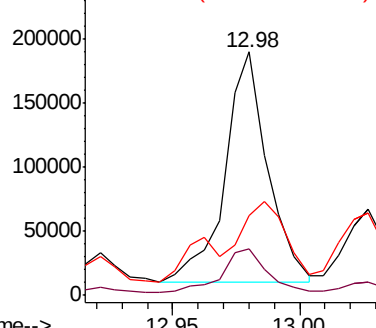


Abundance

Ion 202.00 (201.70 to 202.70): E

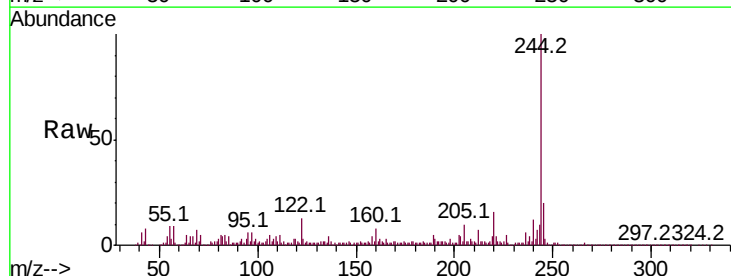
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 52.409 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.4	8.7	13.1

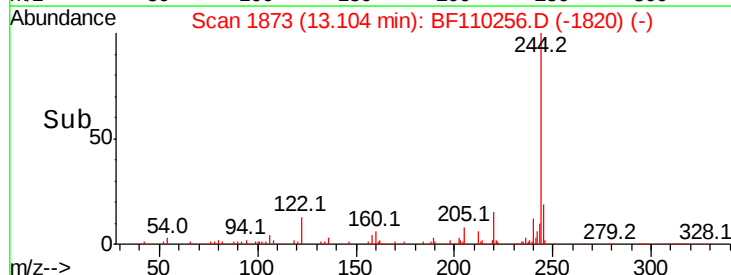
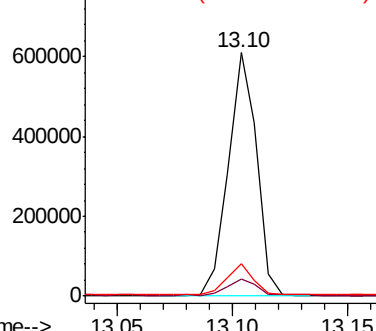


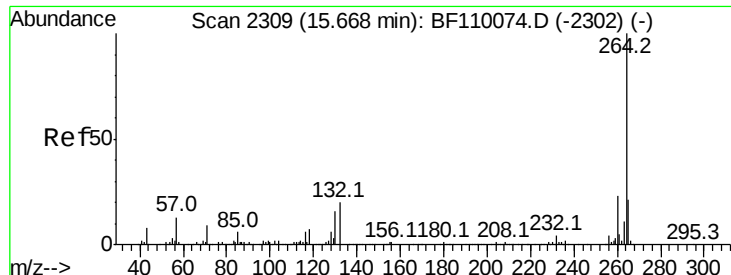
Abundance

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

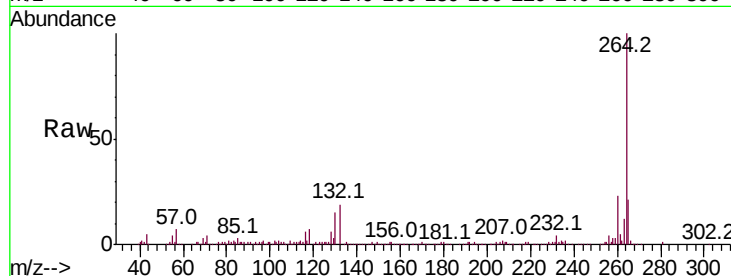




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-01-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.6	16.7	25.1



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

