

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088477.D
 Acq On : 28 Jun 2016 5:06
 Operator : UM/SJ
 Sample : H3629-04DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)DL

Quant Time: Jun 28 14:41:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

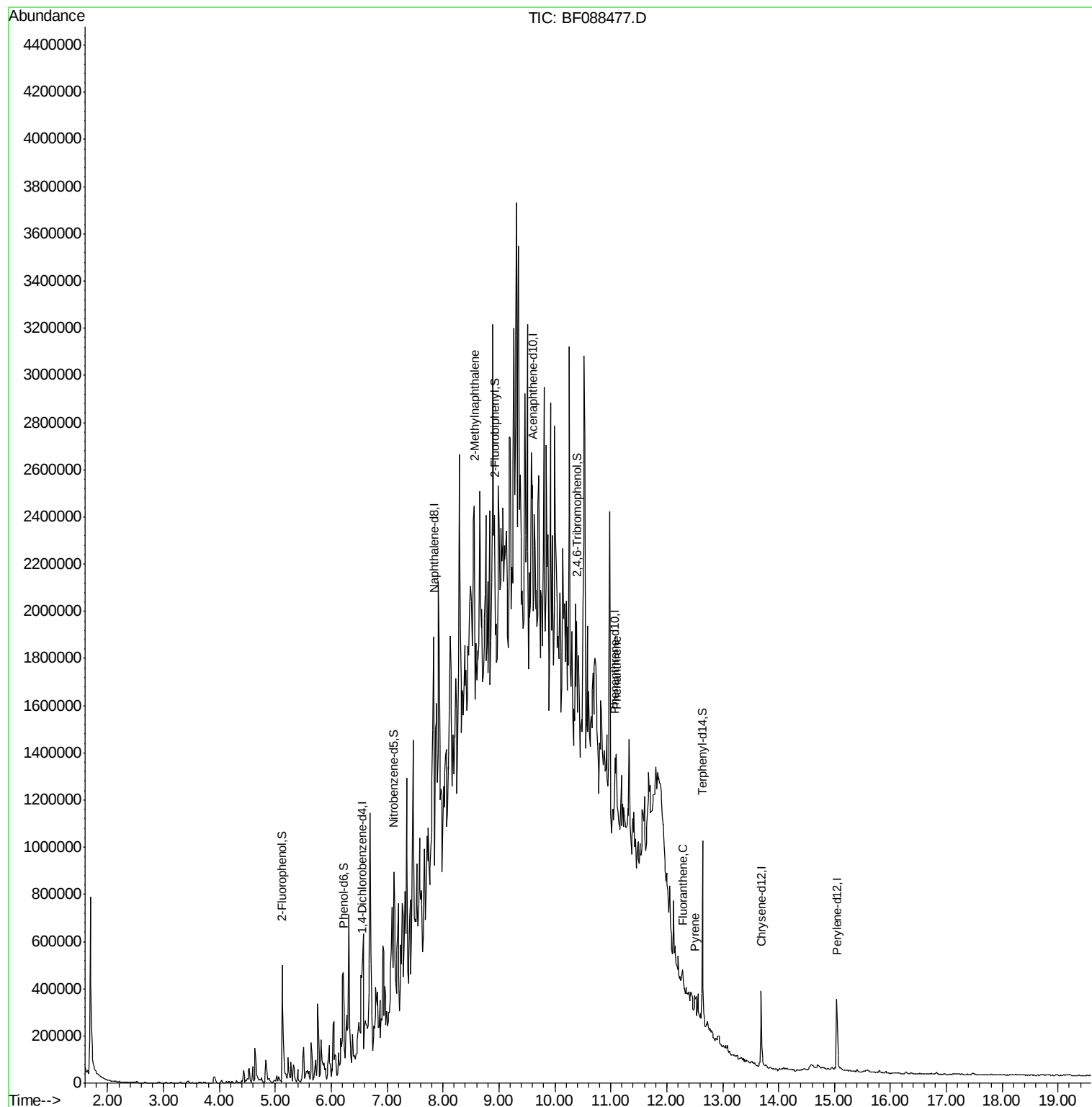
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	64914	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	222652	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	88029	20.00	ng	0.01
63) Phenanthrene-d10	11.07	188	150301	20.00	ng	0.01
75) Chrysene-d12	13.69	240	148616	20.00	ng	0.00
86) Perylene-d12	15.04	264	151638	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	272074	71.65	ng	-0.01
7) Phenol-d6	6.22	99	346822	75.37	ng	-0.01
23) Nitrobenzene-d5	7.12	82	182322	47.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	34324	36.93	ng	0.01
44) 2-Fluorobiphenyl	8.92	172	314498	54.11	ng	0.00
78) Terphenyl-d14	12.64	244	250135	38.30	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.56	142	309104	42.56	ng	# 94
70) Phenanthrene	11.10	178	121659	15.43	ng	# 92
74) Fluoranthene	12.29	202	24142	2.90	ng	88
77) Pyrene	12.50	202	39444	3.58	ng	# 94

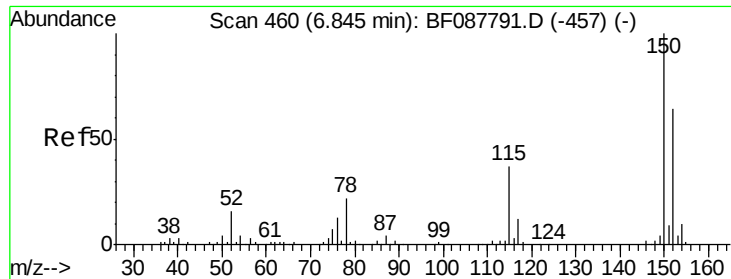
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)DL

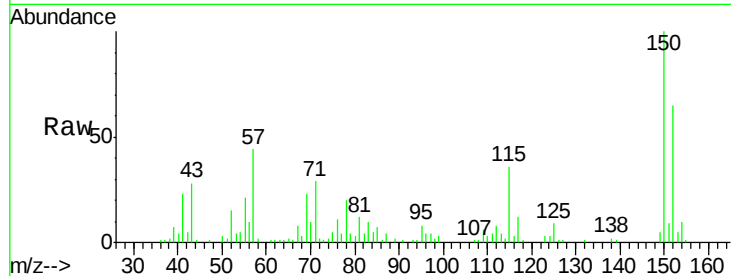
Tot Ion:152 Resp: 64914

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

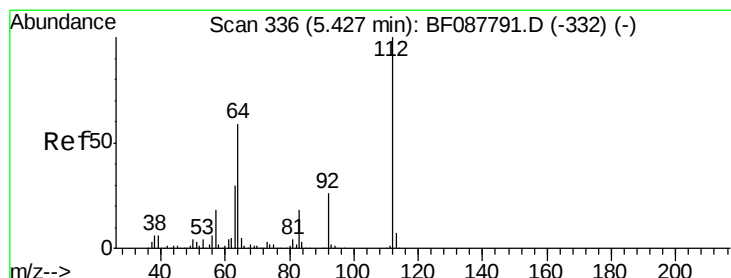
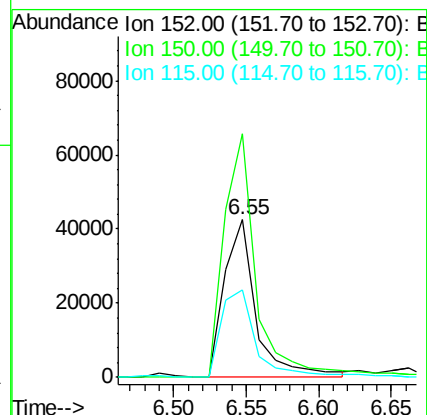
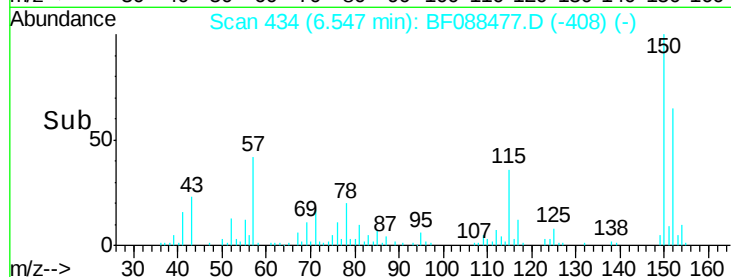
115 55.8 39.6 59.4



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: 71.65 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

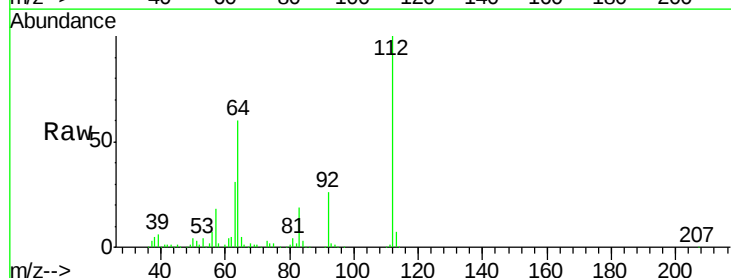
Tgt Ion:112 Resp: 272074

Ion Ratio Lower Upper

112 100

64 60.0 42.2 63.2

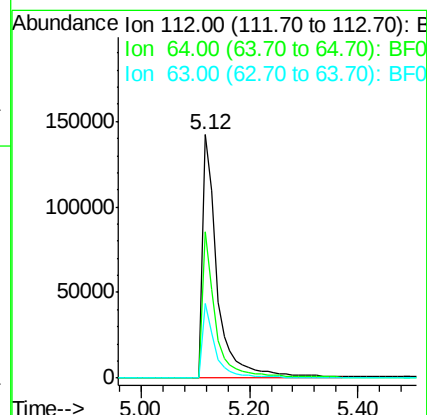
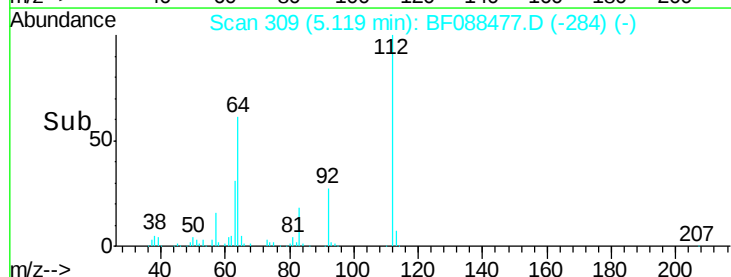
63 30.8 21.8 32.8

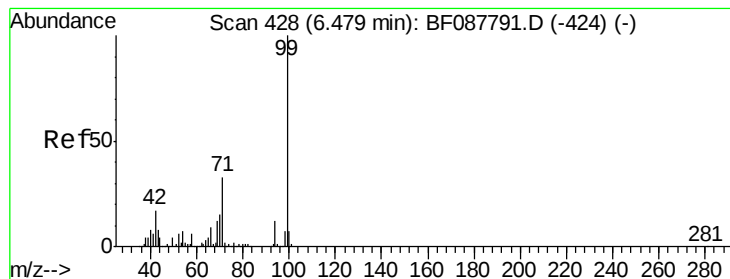


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.37 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)DL

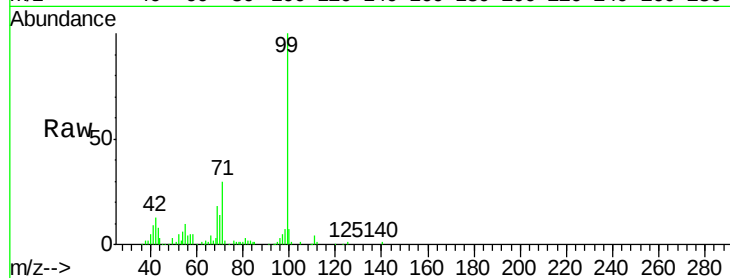
Tot Ion: 99 Resp: 346822

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.2

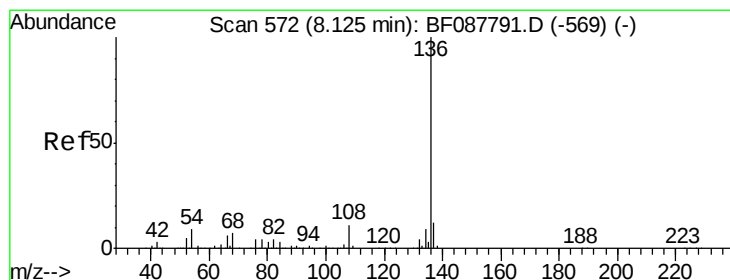
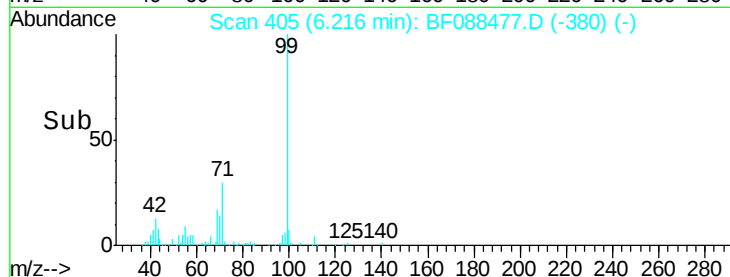
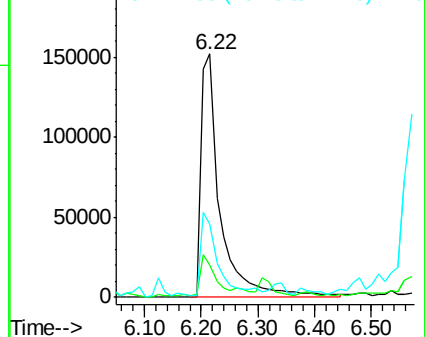
71 30.1 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

Tgt Ion: 136 Resp: 222652

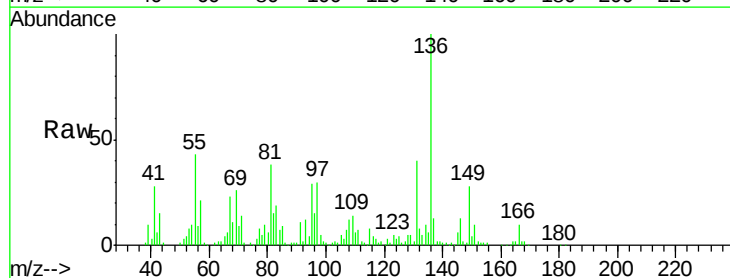
Ion Ratio Lower Upper

136 100

137 13.5 9.1 13.7

54 9.6 6.6 10.0

68 10.7 5.1 7.7#

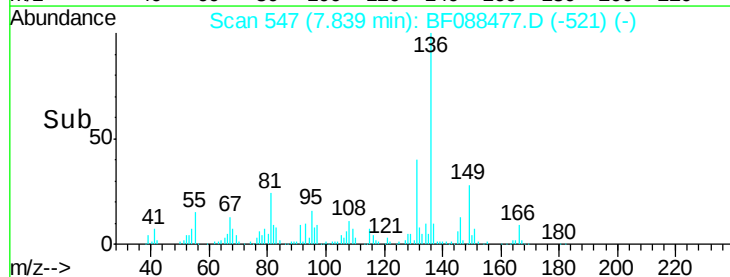
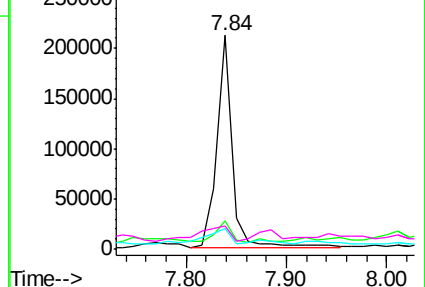


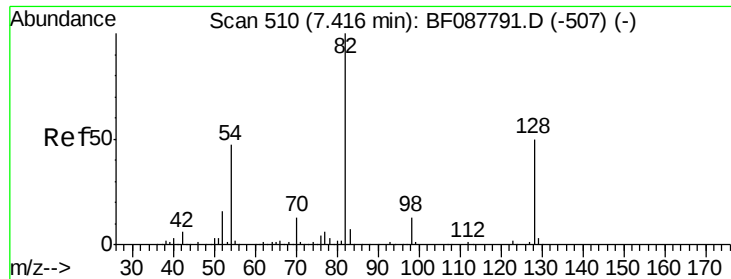
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

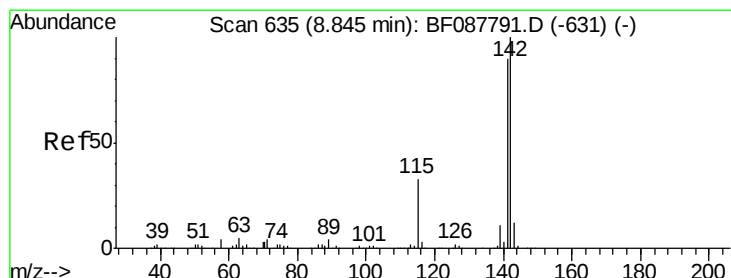
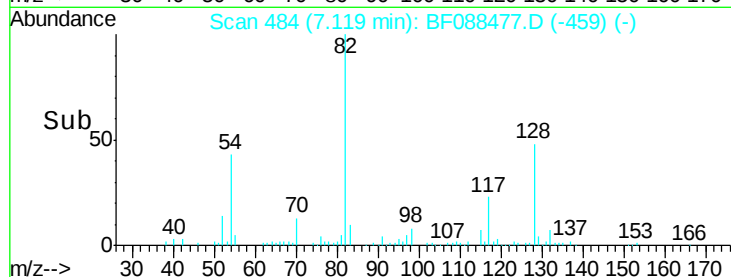
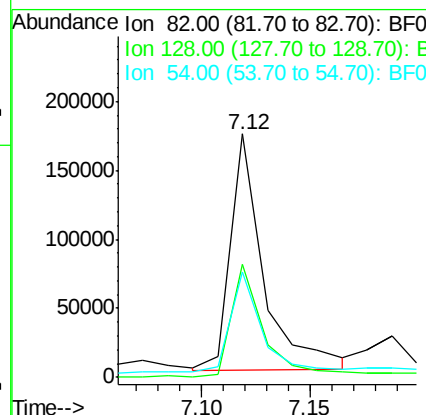
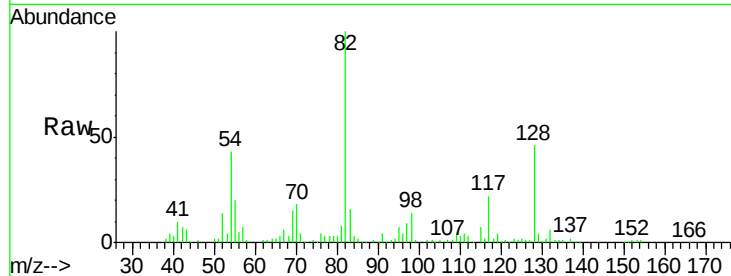




#23
 Nitrobenzene-d5
 Concen: 47.82 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF088477.D
 Acq: 28 Jun 2016 5:06

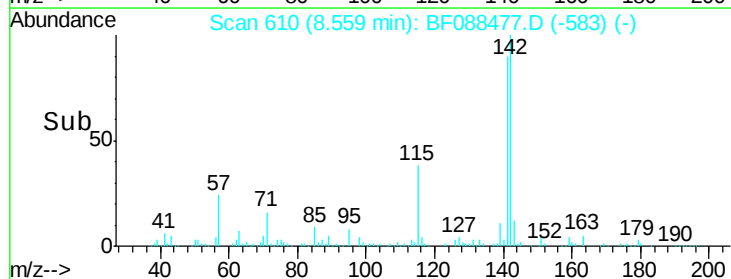
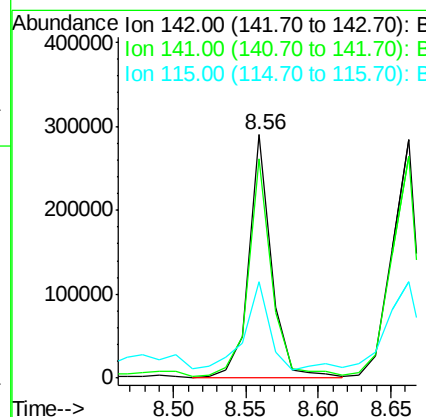
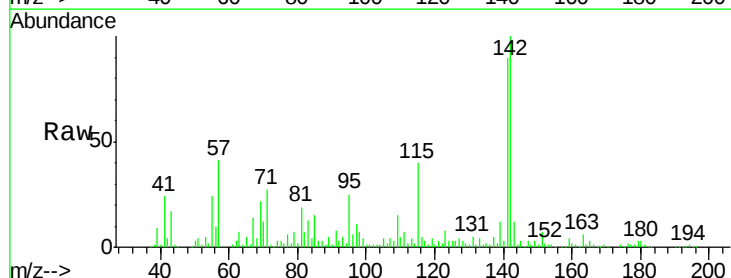
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)DL

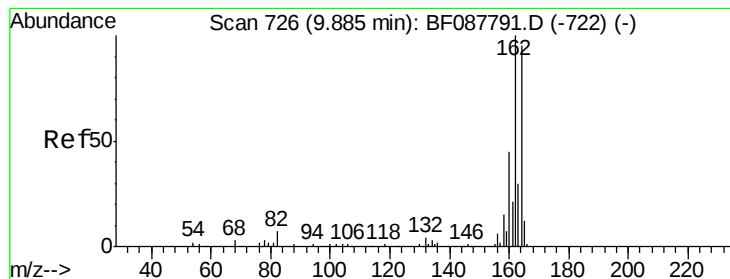
Tot Ion	82	Resp	182322
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.9	53.9
54	43.5	40.9	61.3



#37
 2-Methylnaphthalene
 Concen: 42.56 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF088477.D
 Acq: 28 Jun 2016 5:06

Tgt Ion	142	Resp	309104
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.0	106.6
115	39.7	22.6	33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)DL

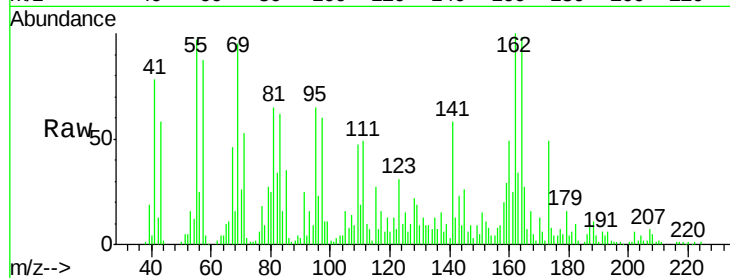
Tot Ion:164 Resp: 88029

Ion Ratio Lower Upper

164 100

162 102.5 85.4 128.2

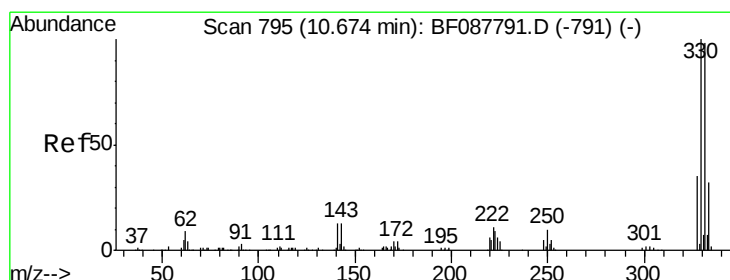
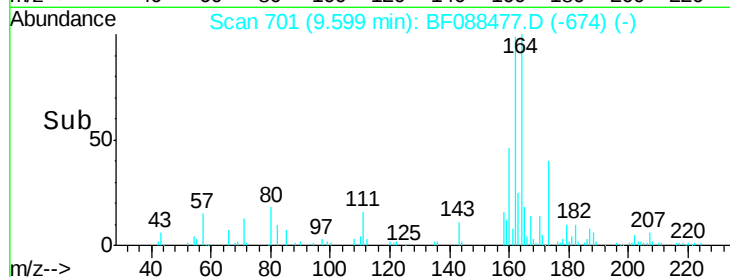
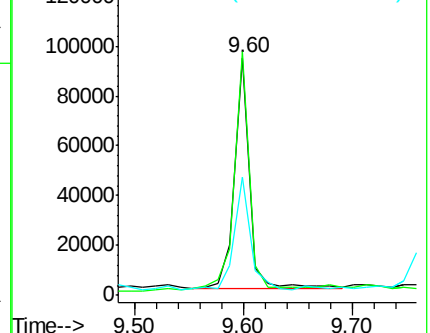
160 50.0 39.5 59.3



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



#41

2,4,6-Tribromophenol

Concen: 36.93 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

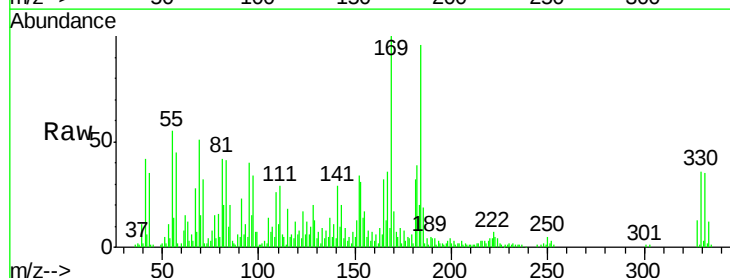
Tgt Ion:330 Resp: 34324

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

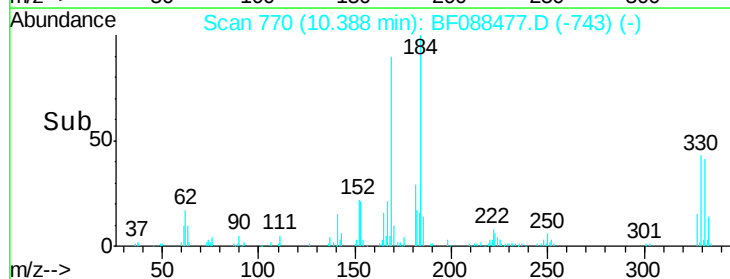
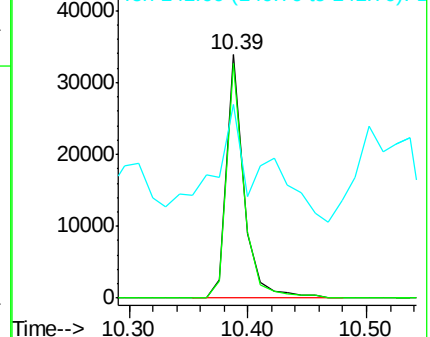
141 67.0 0.0 0.0#

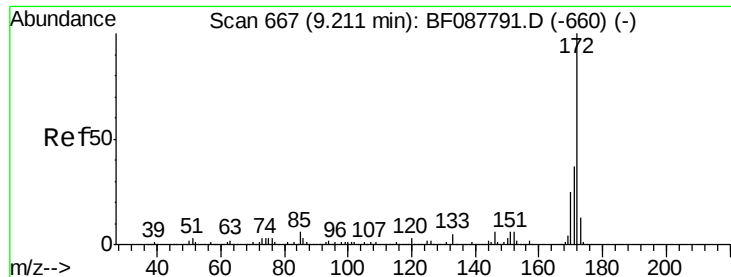


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 54.11 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

Instrument :

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ClientSampleId :

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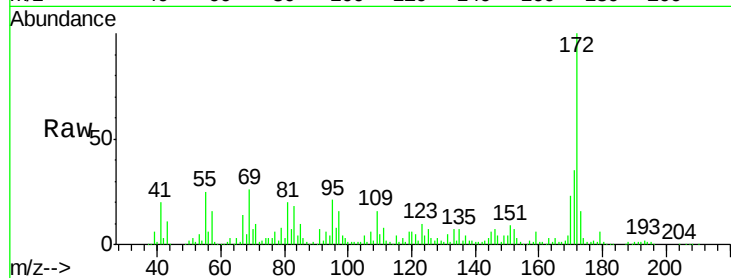
Tot Ion:172 Resp: 314498

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

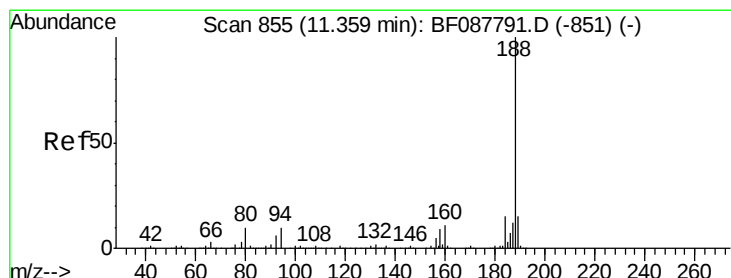
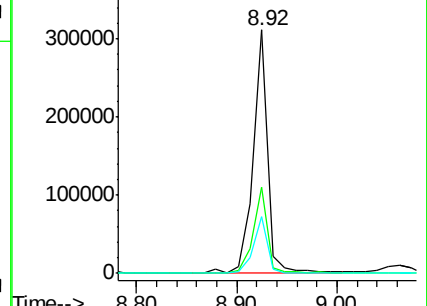
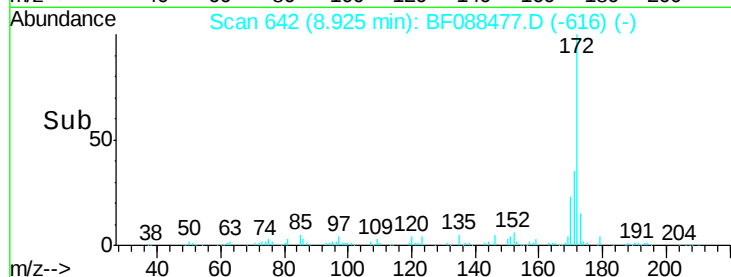
170 23.4 19.2 28.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

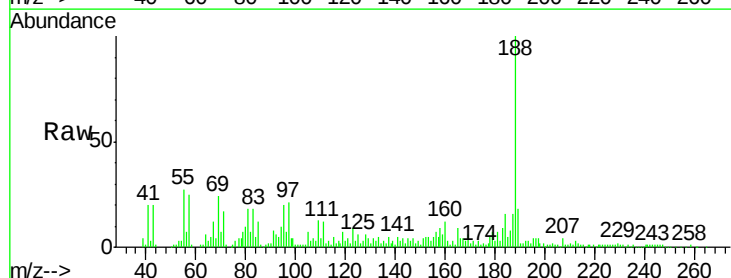
Tgt Ion:188 Resp: 150301

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.6

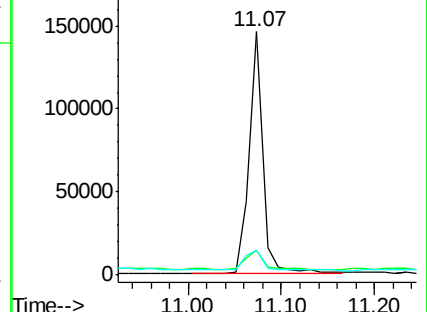
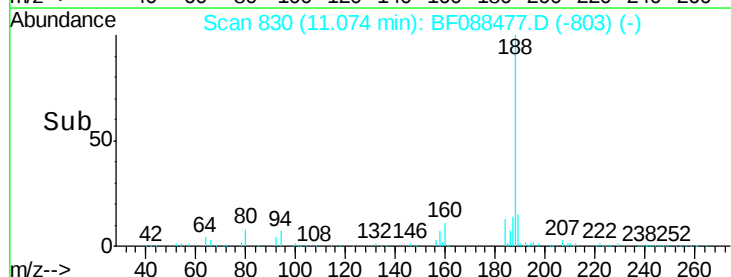
80 10.2 10.0 15.0

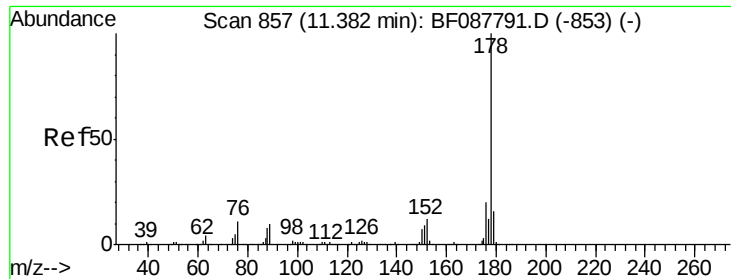


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 15.43 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

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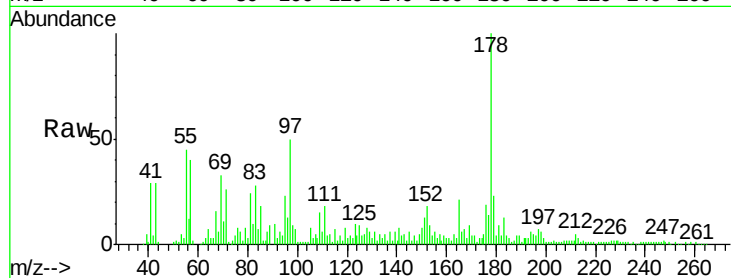
Tot Ion:178 Resp: 121659

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

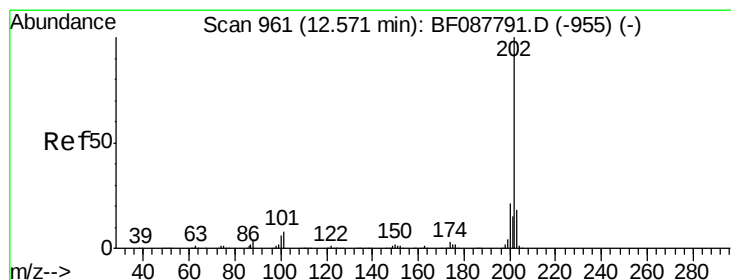
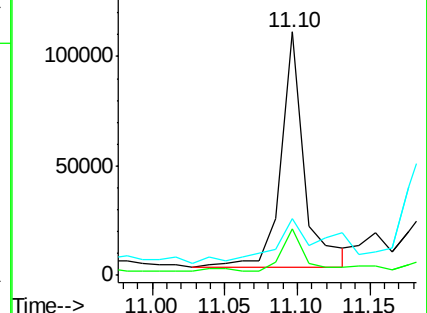
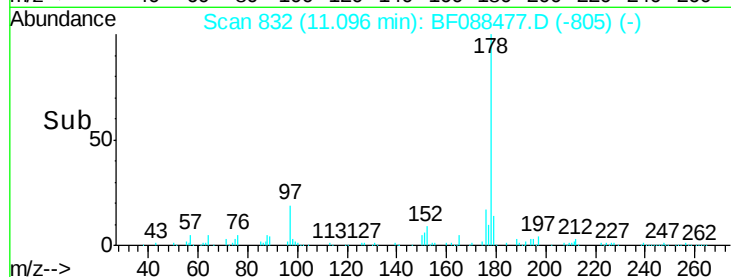
179 23.0 13.0 19.4#



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



#74

Fluoranthene

Concen: 2.90 ng

RT: 12.29 min Scan# 936

Delta R.T. 0.02 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

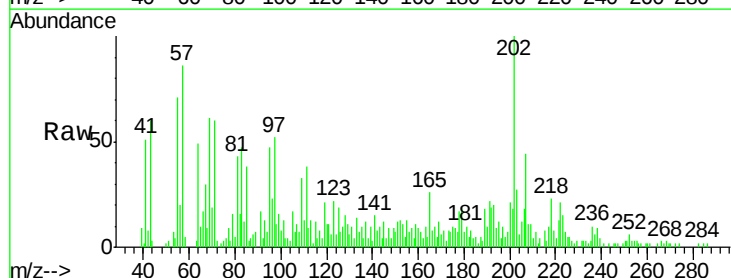
Tgt Ion:202 Resp: 24142

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.1

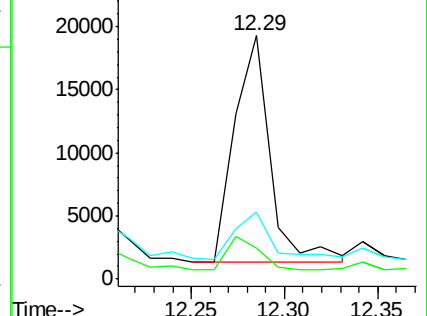
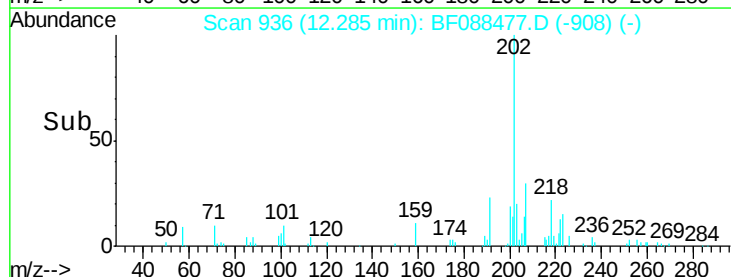
203 27.5 0.0 38.1

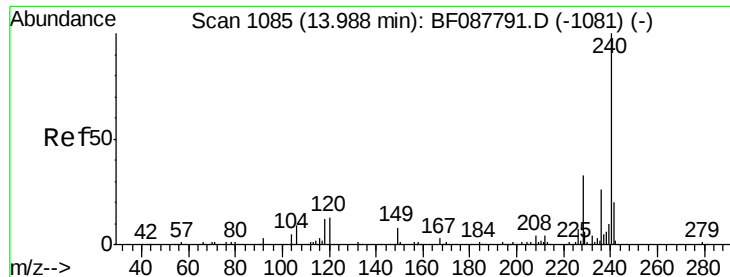


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

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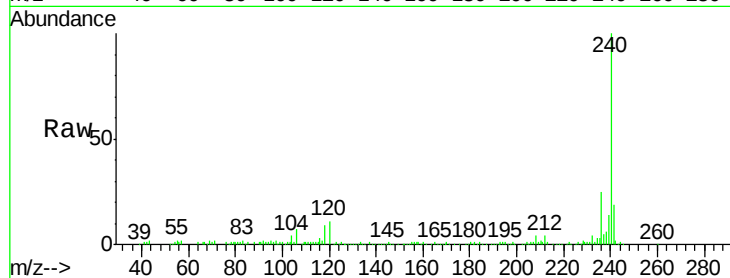
Tot Ion:240 Resp: 148616

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

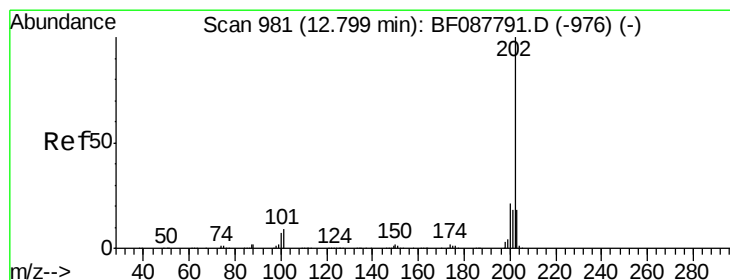
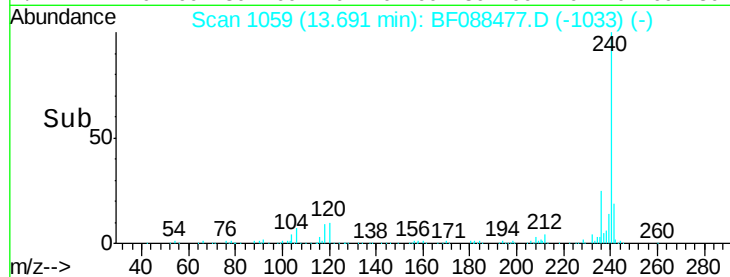
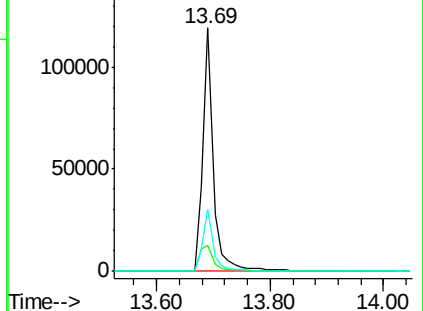
236 25.2 20.2 30.2



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



#77

Pyrene

Concen: 3.58 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

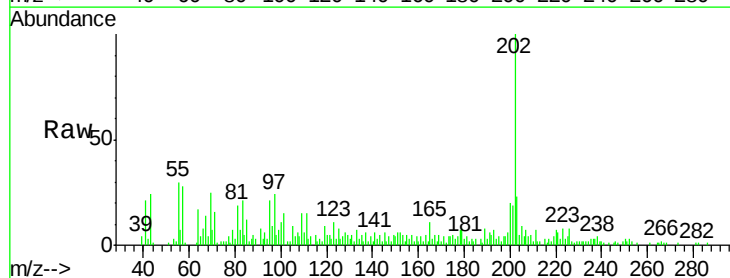
Tgt Ion:202 Resp: 39444

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

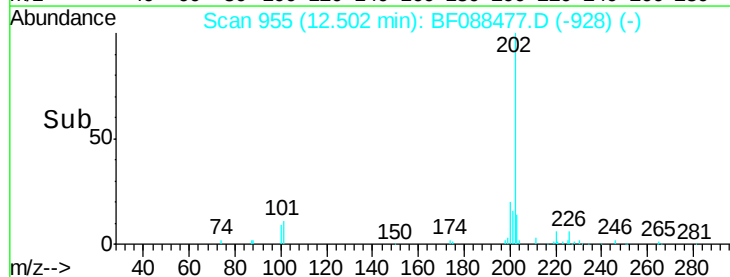
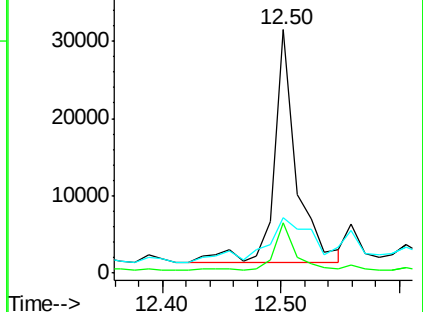
203 22.7 14.5 21.7#

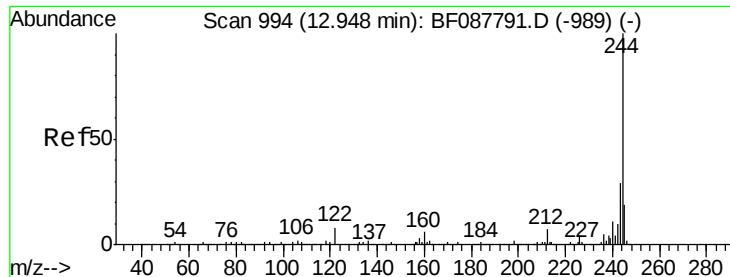


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.30 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)DL

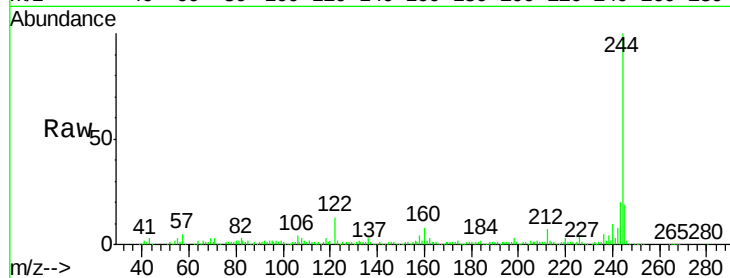
Tot Ion:244 Resp: 250135

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

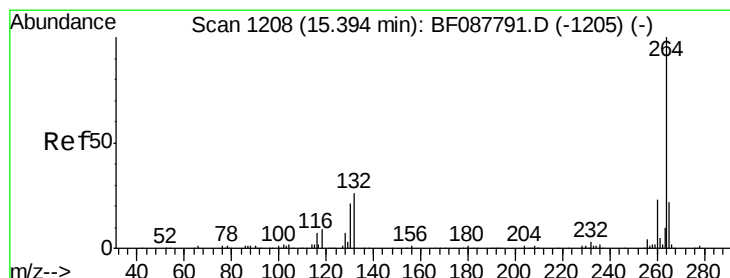
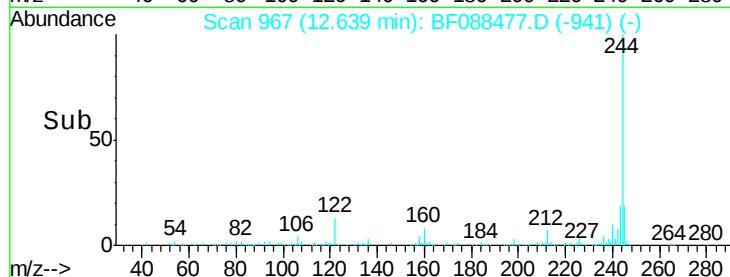
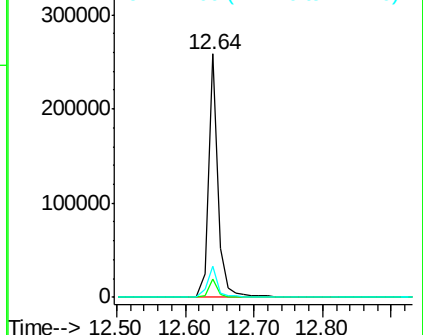
122 12.9 11.2 16.8



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: 20.00 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF088477.D

Acq: 28 Jun 2016 5:06

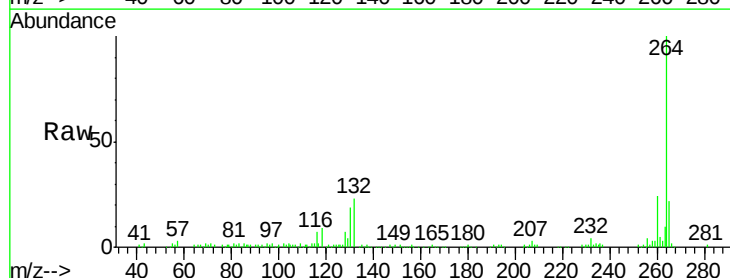
Tgt Ion:264 Resp: 151638

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 16.9 25.3



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

