

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088141.D
 Acq On : 18 Jun 2016 18:37
 Operator : UM/SJ
 Sample : H3501-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15(1-3)

Quant Time: Jun 20 13:59:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

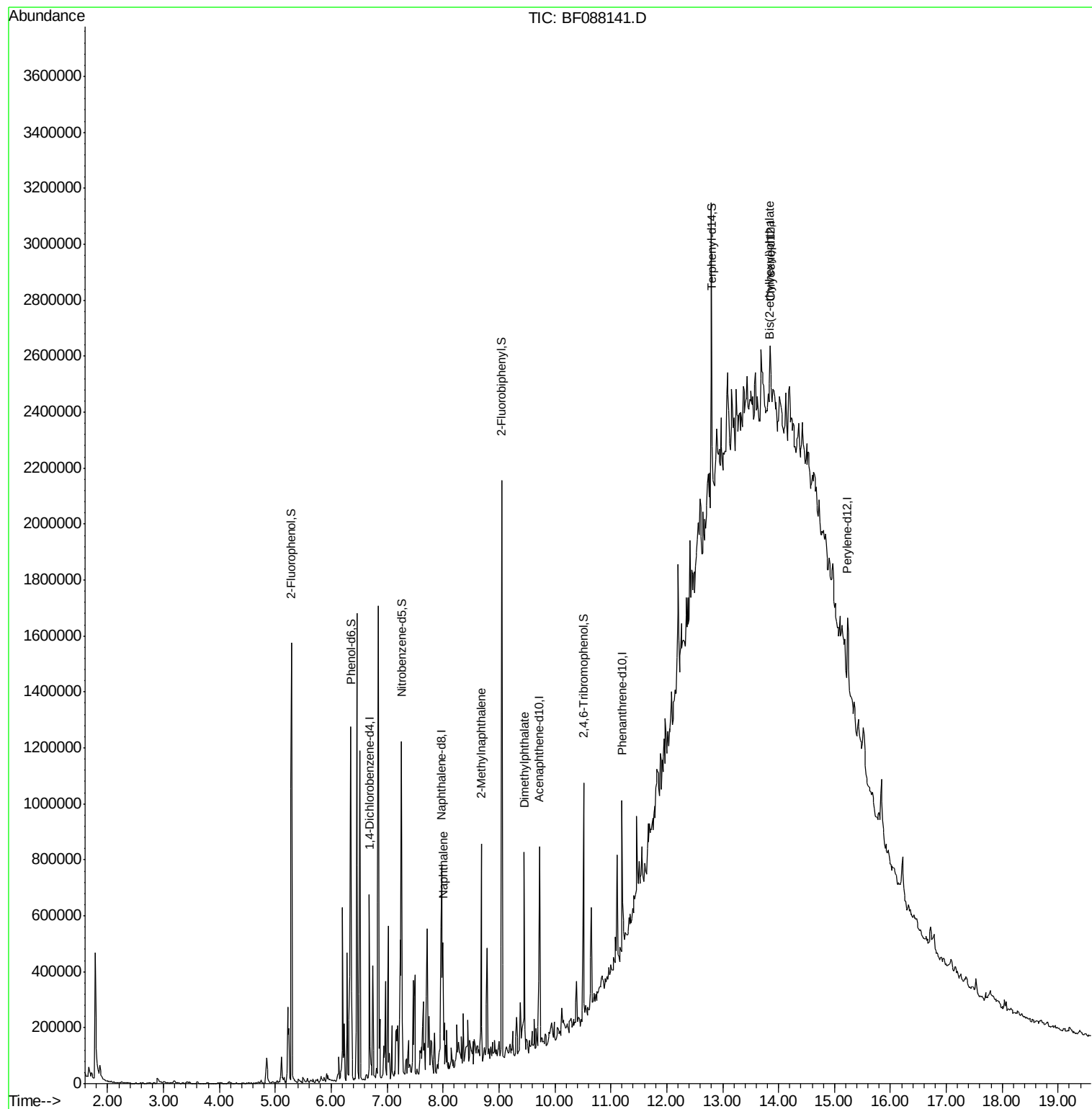
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96670	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	354207	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	141661	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	215867	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	129390	20.00	ng	0.00
86) Perylene-d12	15.23	264	119860	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	601844	106.43	ng	0.01
7) Phenol-d6	6.35	99	754913	110.16	ng	0.00
23) Nitrobenzene-d5	7.26	82	378125	62.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	110198	73.67	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	663654	72.80	ng	-0.02
78) Terphenyl-d14	12.80	244	417097	73.35	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.00	128	181898	10.38	ng	99
37) 2-Methylnaphthalene	8.68	142	210195	18.19	ng	97
49) Dimethylphthalate	9.45	163	268315	26.15	ng	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	34263	6.63	ng	# 84

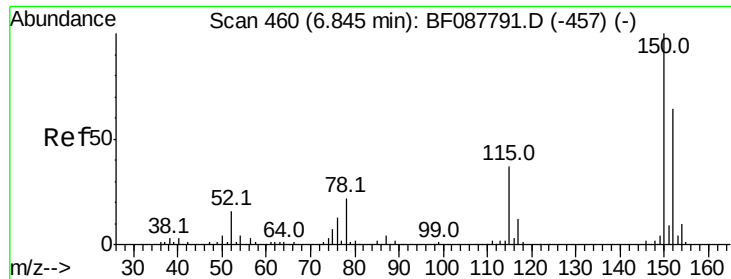
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SB15(1-3)

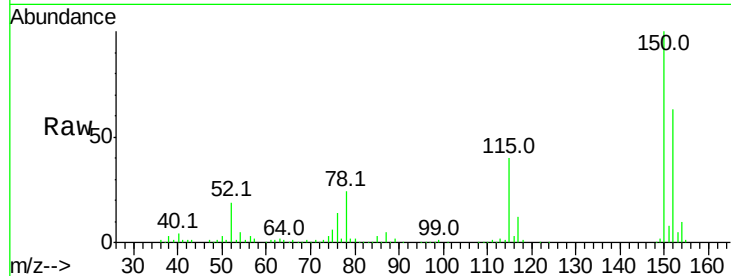
Tot Ion:152 Resp: 96670

Ion Ratio Lower Upper

152 100

150 158.0 123.8 185.6

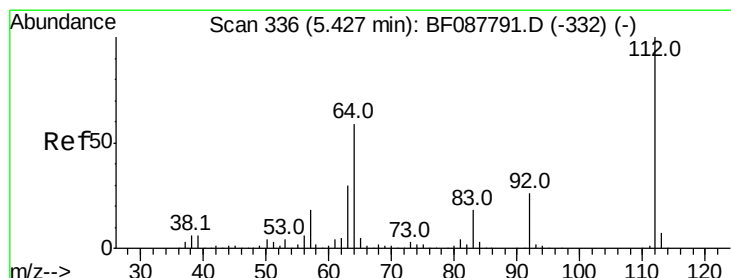
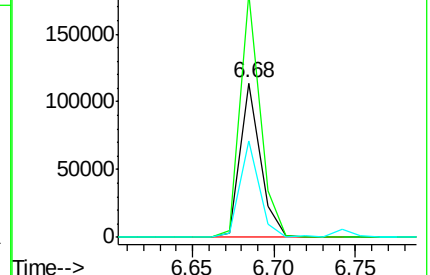
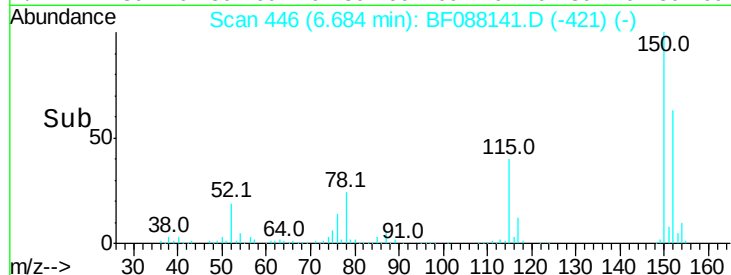
115 62.4 39.6 59.4#



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: 106.43 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

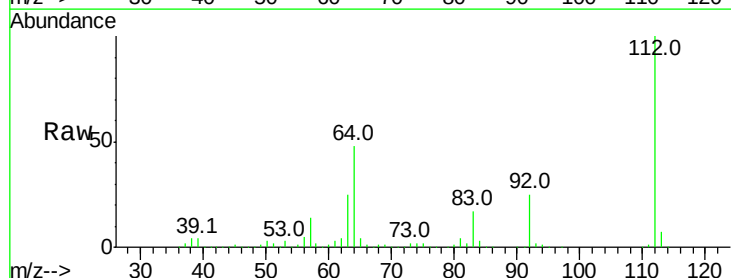
Tgt Ion:112 Resp: 601844

Ion Ratio Lower Upper

112 100

64 48.4 42.2 63.2

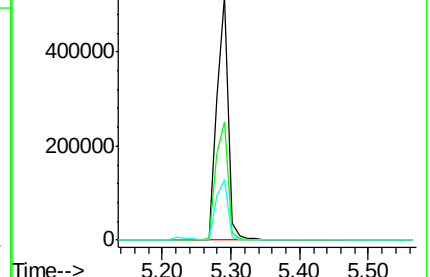
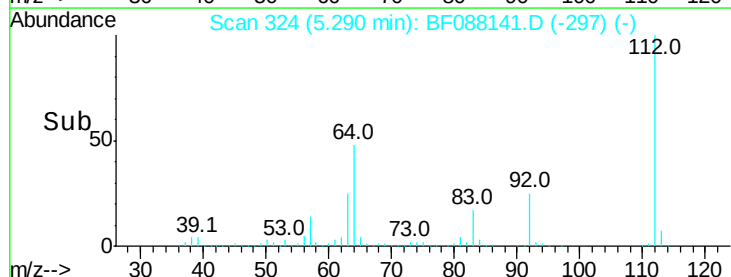
63 24.8 21.8 32.8

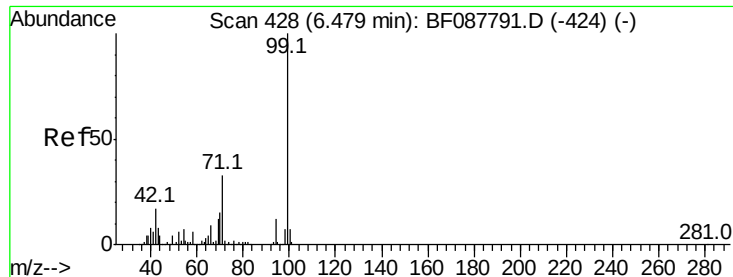


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.16 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

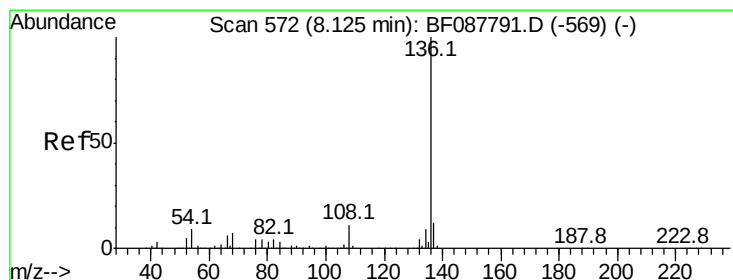
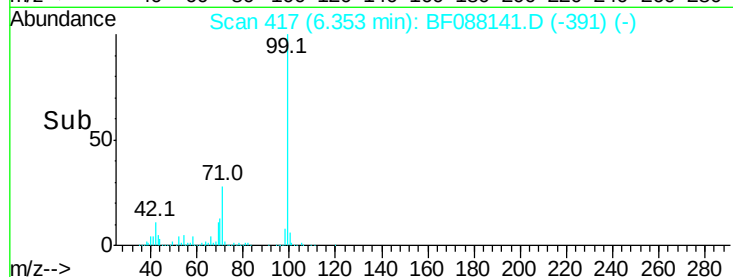
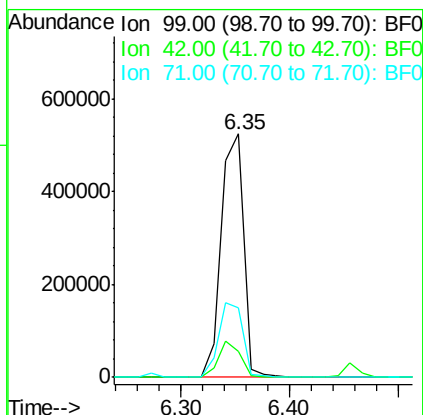
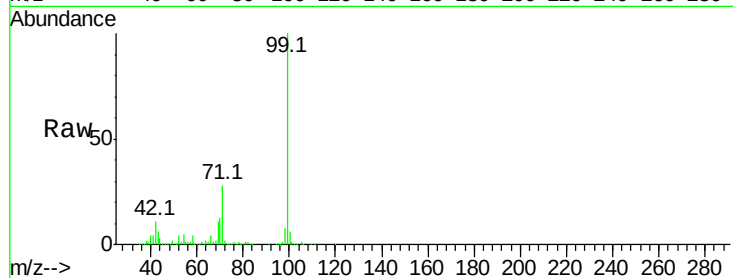
BNA_F

ClientSampleId :

SB15(1-3)

Tot Ion: 99 Resp: 754913

Ion	Ratio	Lower	Upper
99	100		
42	10.8	12.2	18.2#
71	28.4	23.4	35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

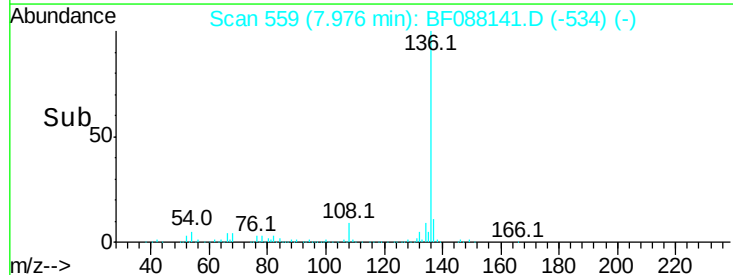
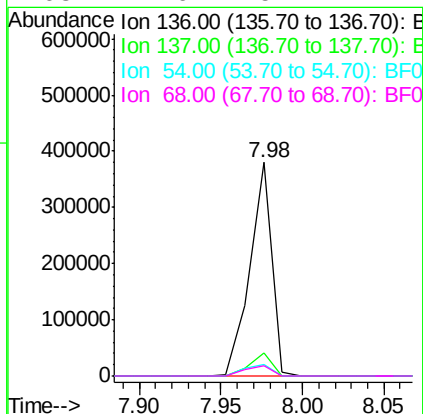
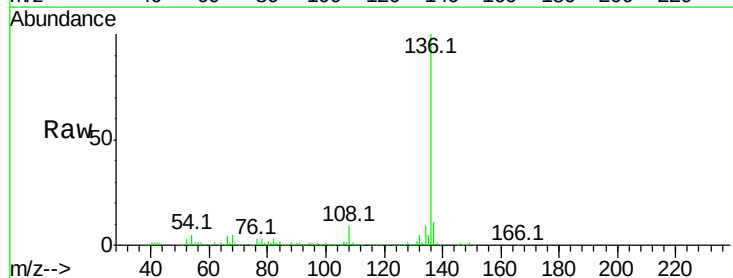
Delta R.T. -0.01 min

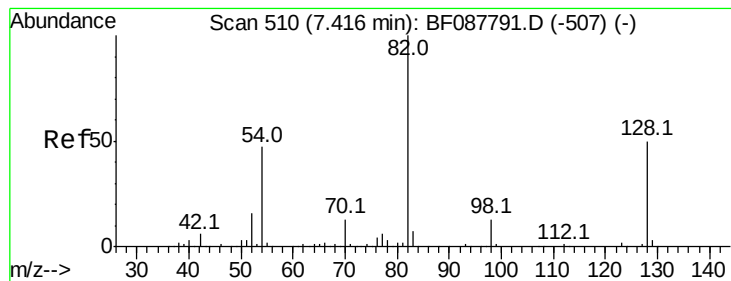
Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Tgt Ion: 136 Resp: 354207

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.3	6.6	10.0#
68	4.6	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 62.34 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SB15(1-3)

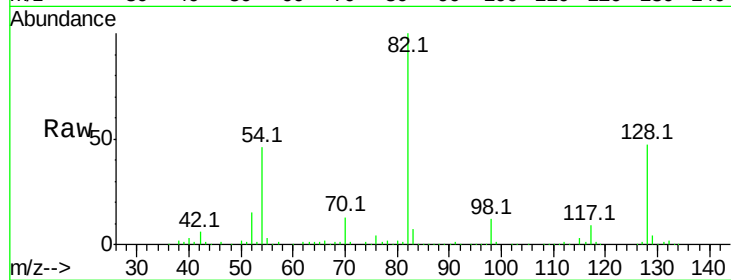
Tot Ion: 82 Resp: 378125

Ion Ratio Lower Upper

82 100

128 46.7 35.9 53.9

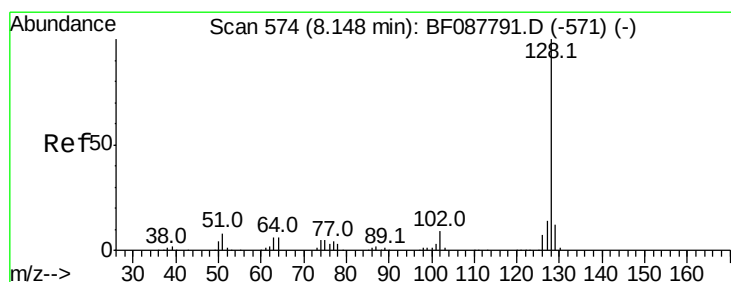
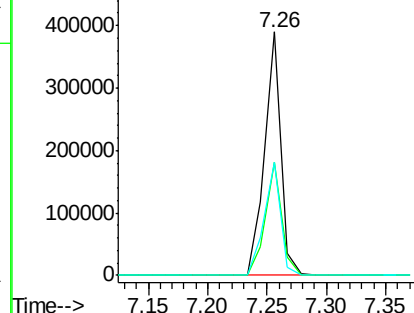
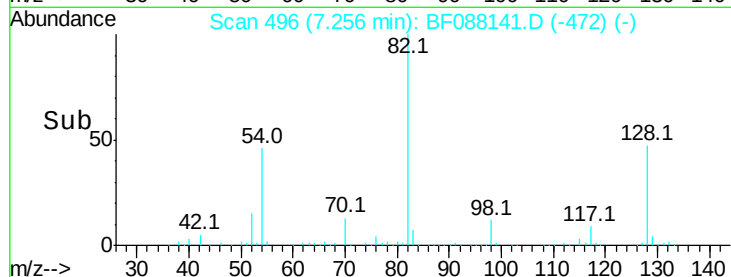
54 46.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 10.38 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

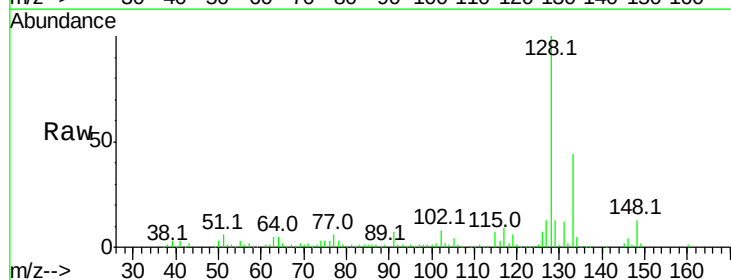
Tgt Ion:128 Resp: 181898

Ion Ratio Lower Upper

128 100

129 12.5 9.4 14.2

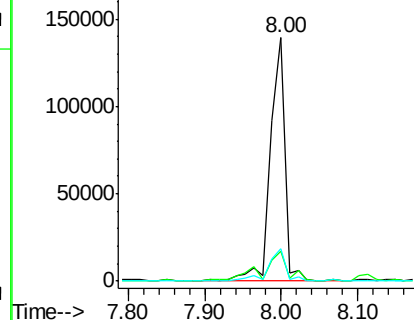
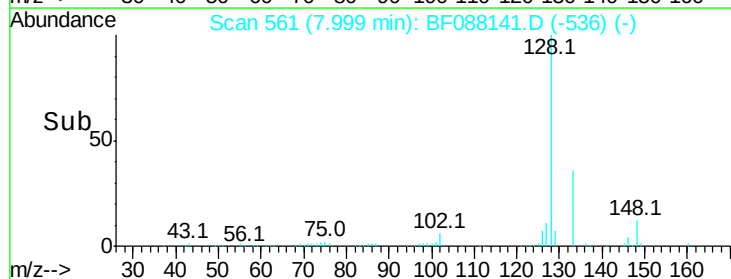
127 13.3 10.9 16.3

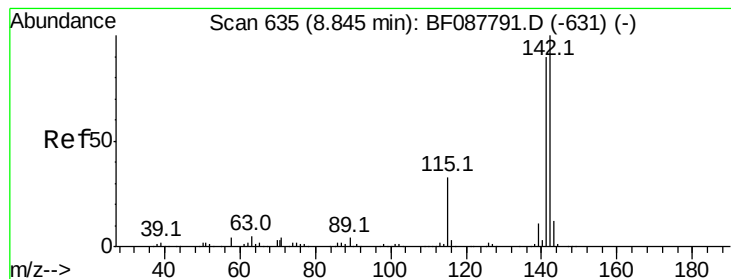


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 18.19 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SB15(1-3)

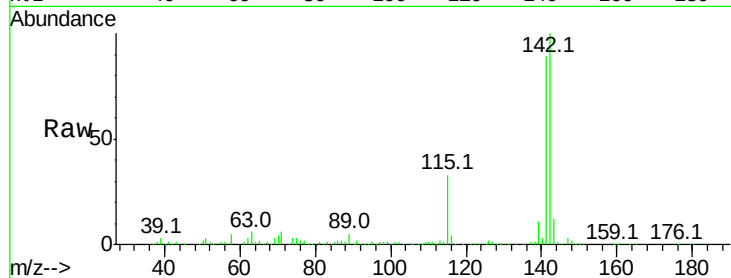
Tot Ion:142 Resp: 210195

Ion Ratio Lower Upper

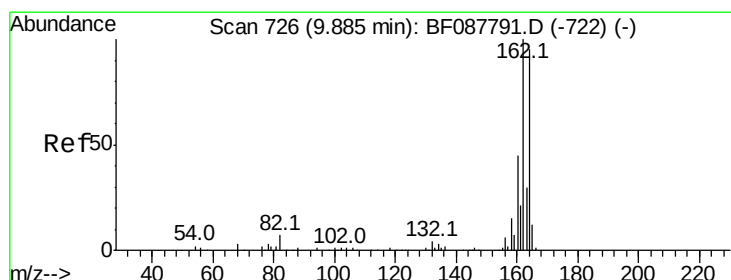
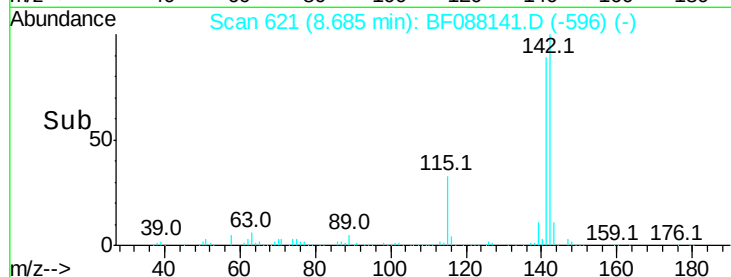
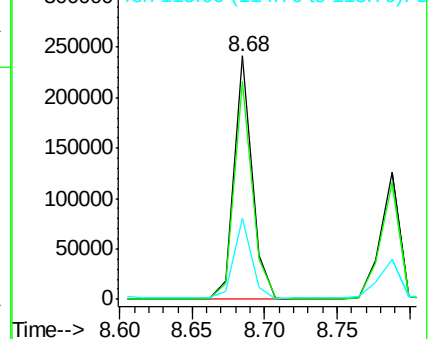
142 100

141 89.4 71.0 106.6

115 33.5 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

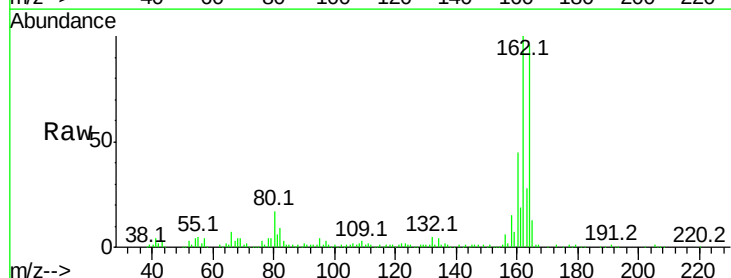
Tgt Ion:164 Resp: 141661

Ion Ratio Lower Upper

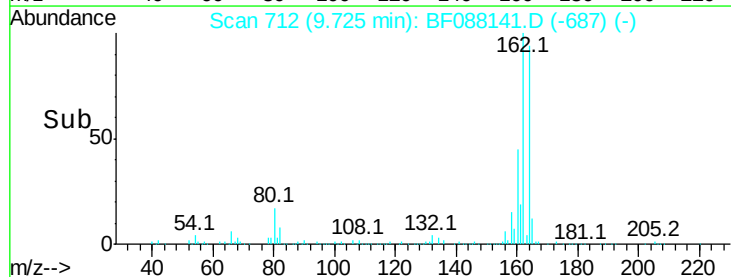
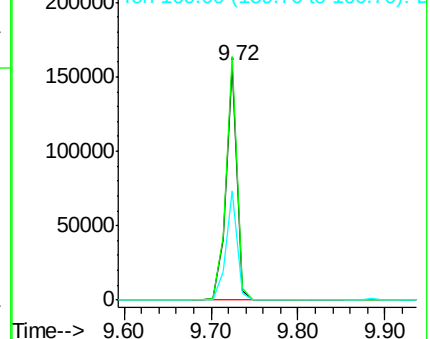
164 100

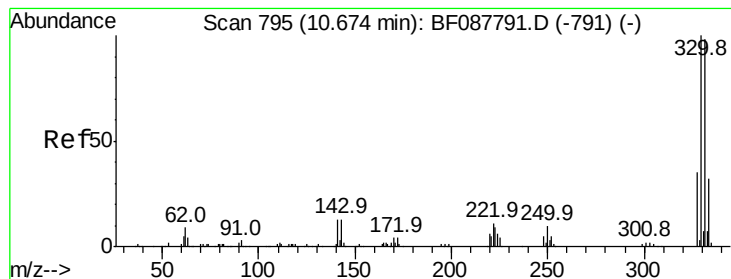
162 103.8 85.4 128.2

160 46.4 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: 73.67 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SB15(1-3)

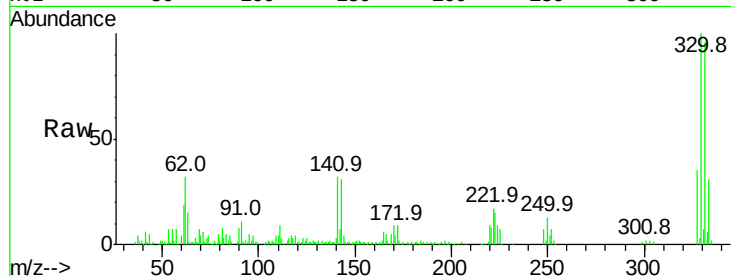
Tot Ion:330 Resp: 110198

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

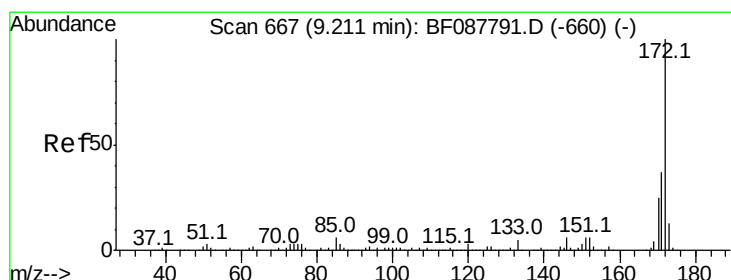
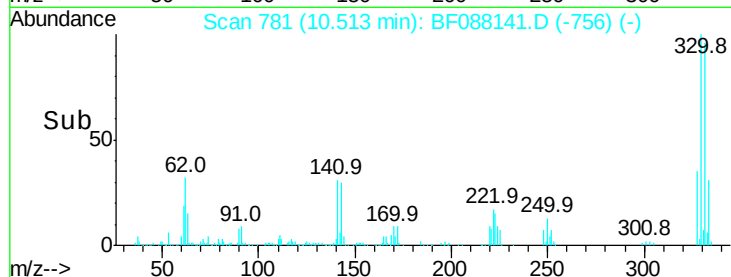
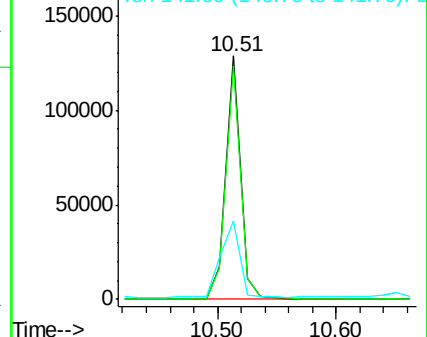
141 40.4 0.0 0.0#



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: 72.80 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

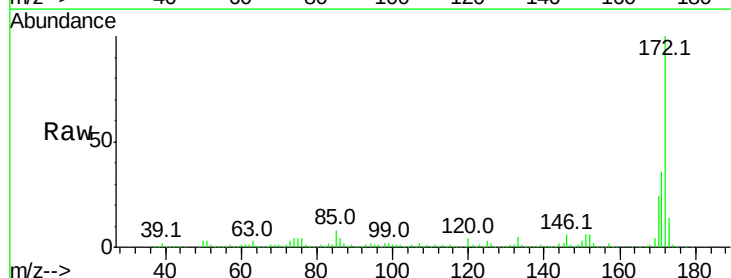
Tgt Ion:172 Resp: 663654

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

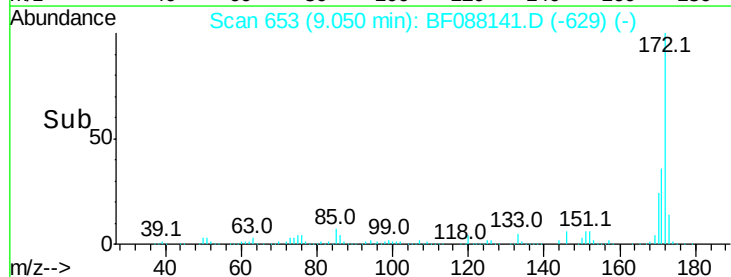
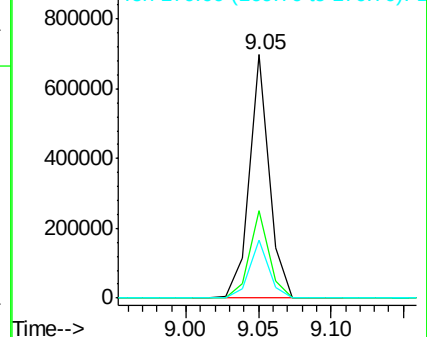
170 24.0 19.2 28.8

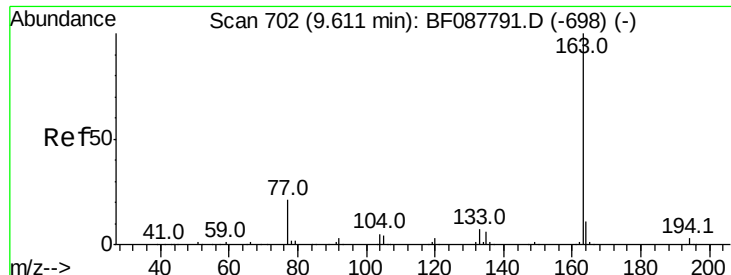


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

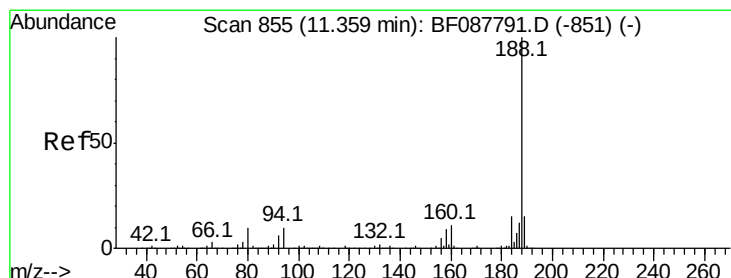
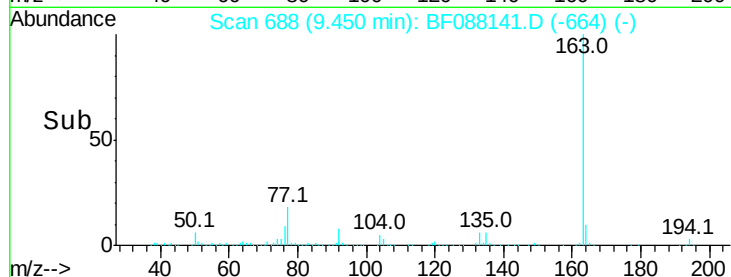
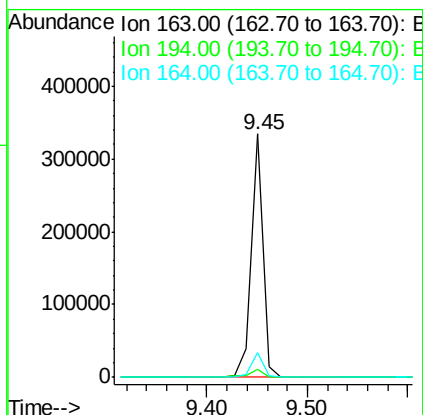
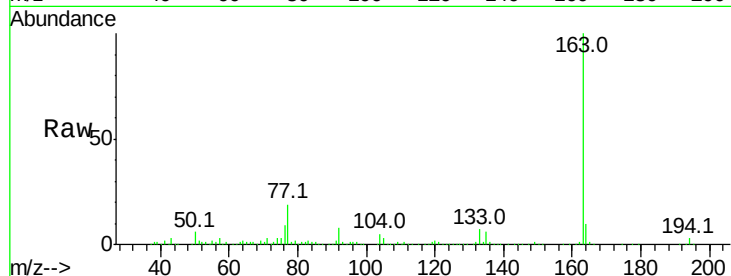




#49
Dimethylphthalate
Concen: 26.15 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088141.D
Acq: 18 Jun 2016 18:37

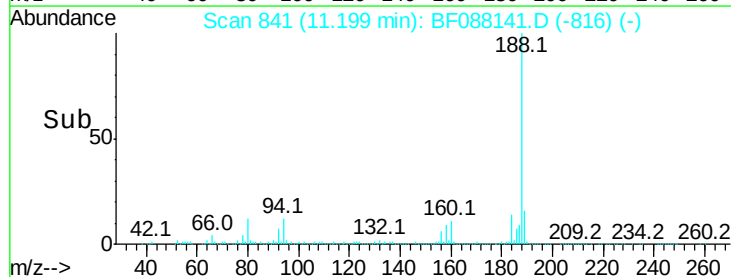
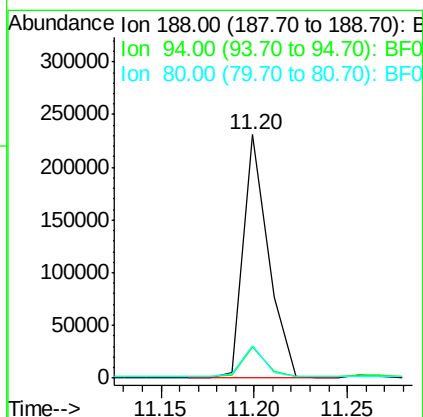
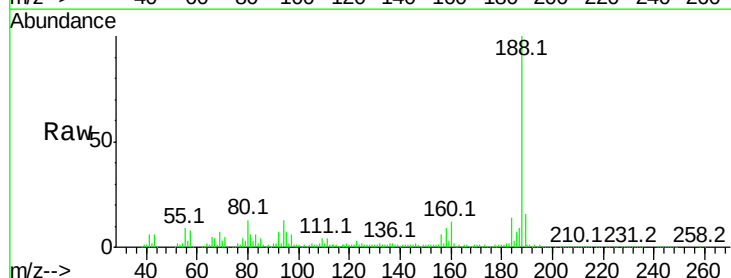
Instrument :
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SB15(1-3)

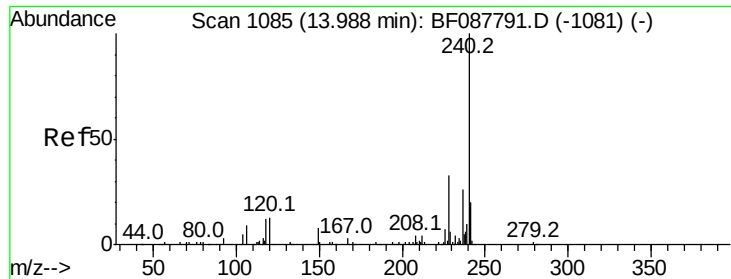
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.2	8.3	12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088141.D
Acq: 18 Jun 2016 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.6
80	13.1	10.0	15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SB15(1-3)

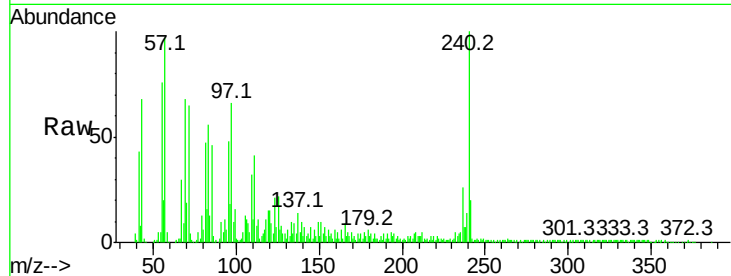
Tot Ion:240 Resp: 129390

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

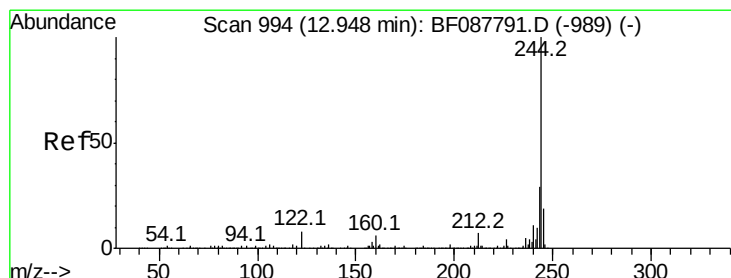
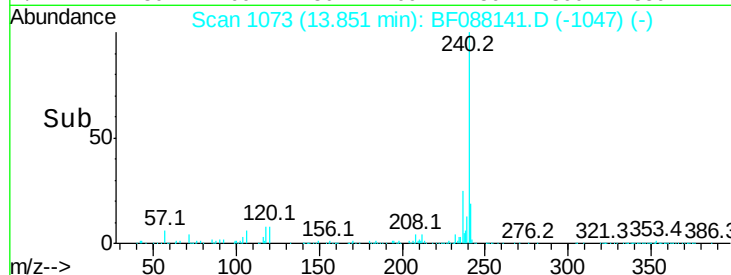
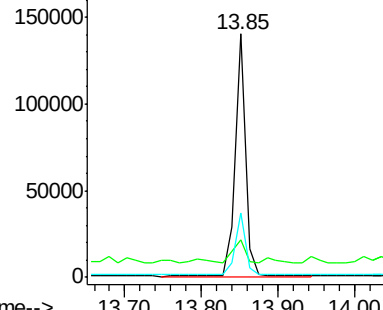
236 26.4 20.2 30.2



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



#78

Terphenyl-d14

Concen: 73.35 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

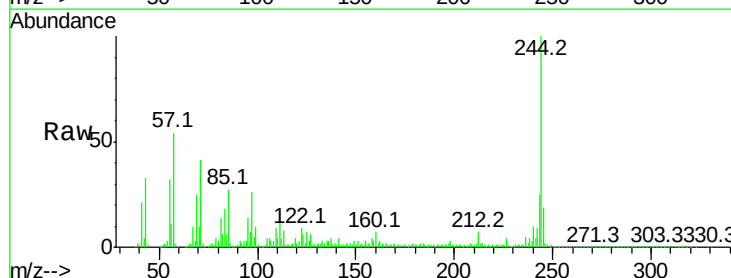
Tgt Ion:244 Resp: 417097

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

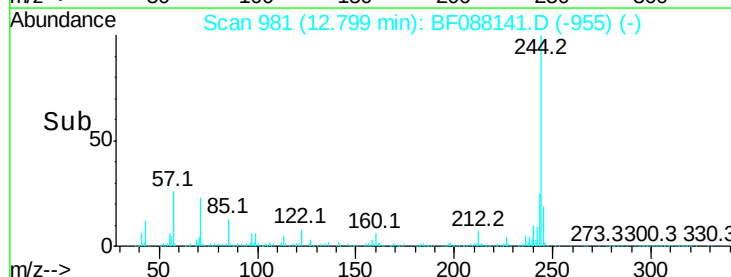
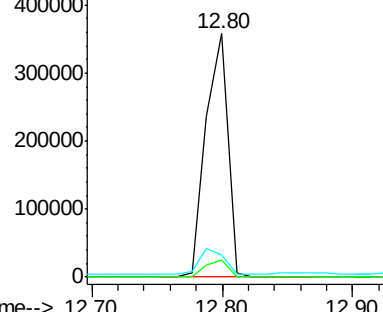
122 8.9 11.2 16.8#

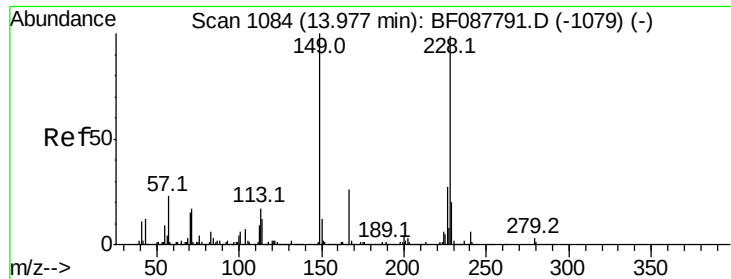


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.63 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SB15(1-3)

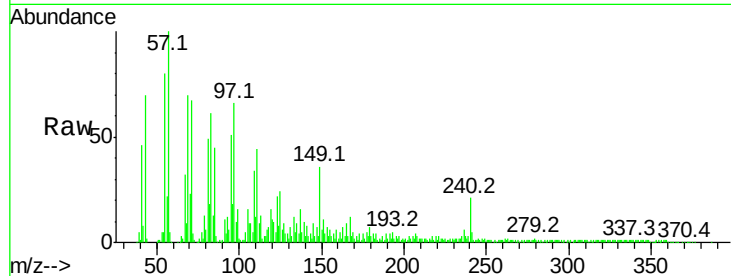
Tot Ion:149 Resp: 34263

Ion Ratio Lower Upper

149 100

167 34.0 20.5 30.7#

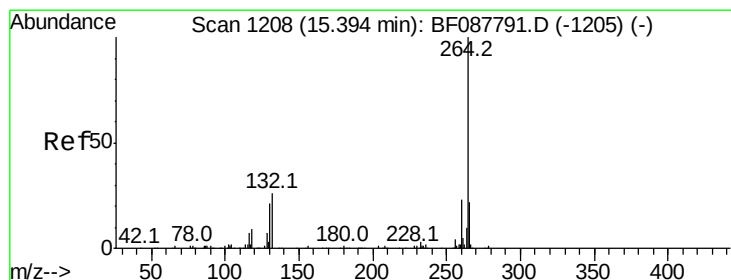
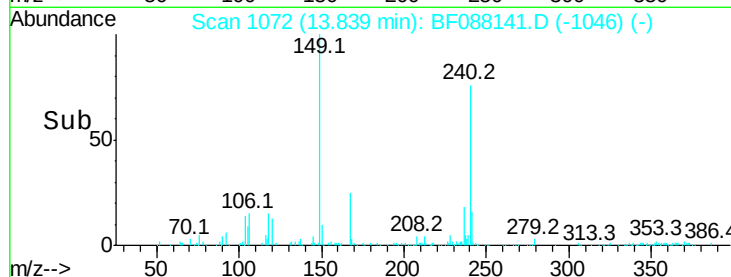
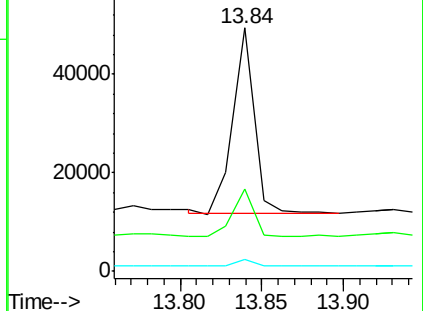
279 5.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF088141.D

Acq: 18 Jun 2016 18:37

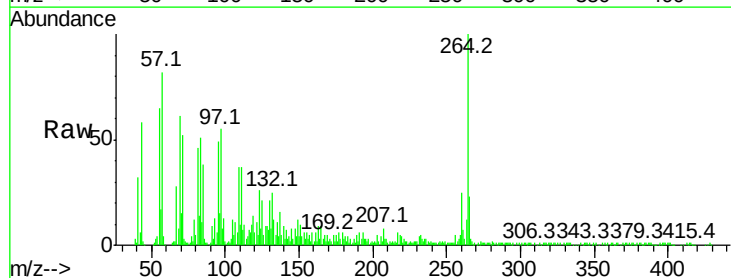
Tgt Ion:264 Resp: 119860

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.8 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

