

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089675.D
 Acq On : 8 Aug 2016 22:56
 Operator : UM/SJ
 Sample : H4346-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

Quant Time: Aug 09 04:14:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

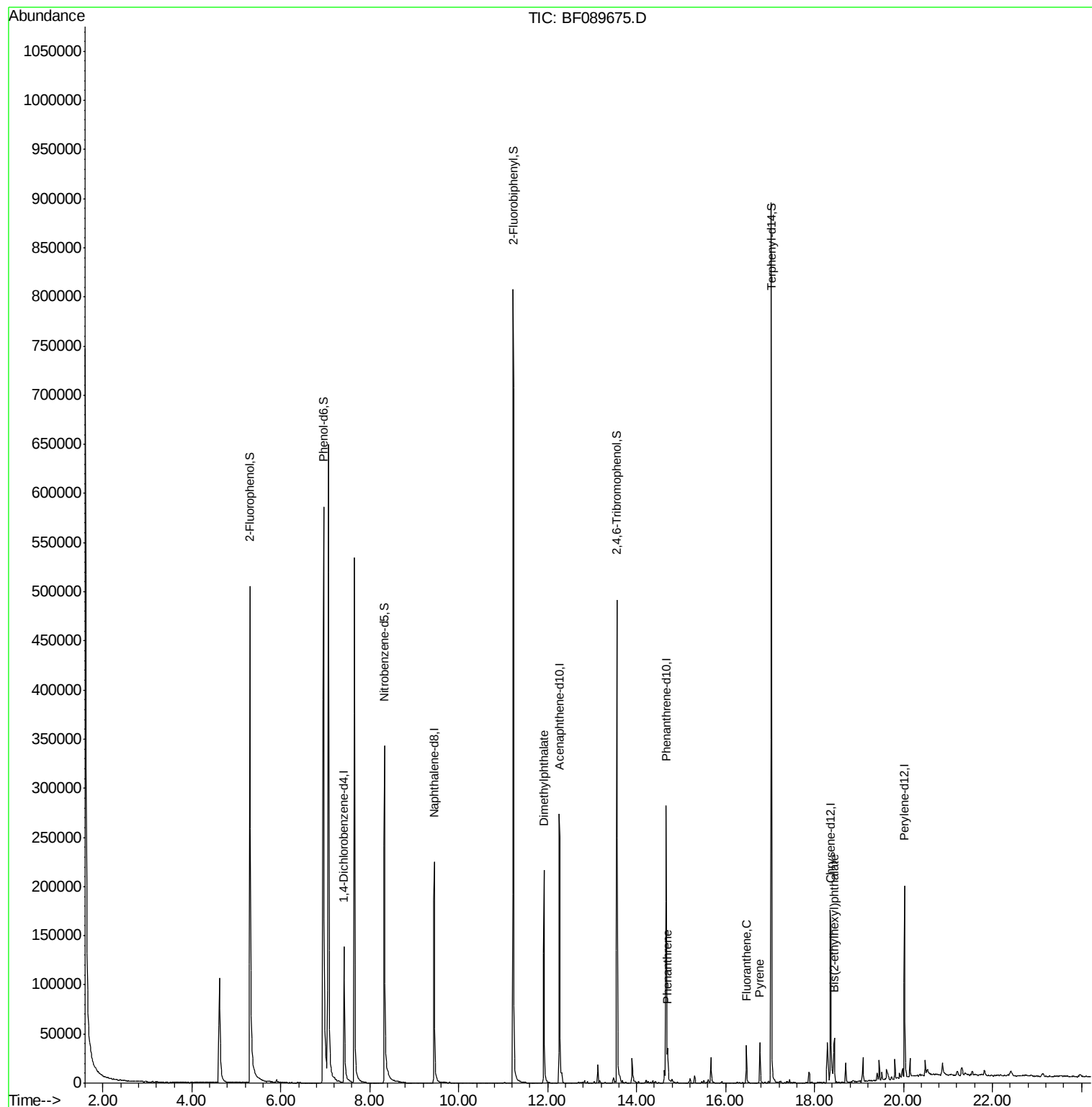
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	44497	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	192325	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	93318	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	174571	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	97605	20.00	ng	-0.02
86) Perylene-d12	20.02	264	95326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	261224	98.39	ng	-0.01
7) Phenol-d6	6.96	99	378507	105.10	ng	-0.02
23) Nitrobenzene-d5	8.33	82	227363	65.39	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	73236	95.10	ng	-0.03
44) 2-Fluorobiphenyl	11.22	172	454247	63.26	ng	-0.03
78) Terphenyl-d14	17.03	244	335482	67.85	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.92	163	133974	18.32	ng	99
70) Phenanthrene	14.70	178	21699	2.29	ng	97
74) Fluoranthene	16.47	202	25471	2.61	ng	99
77) Pyrene	16.77	202	21487	2.49	ng	# 93
83) Bis(2-ethylhexyl)phthalate	18.45	149	35363	6.96	ng	# 98

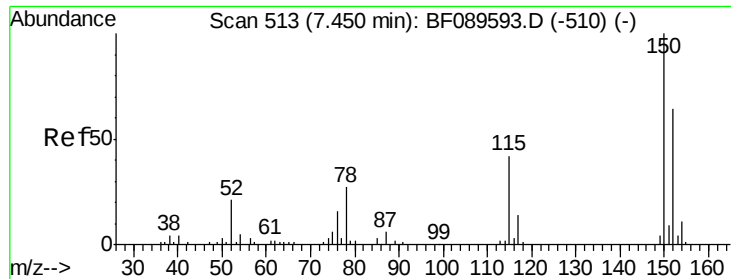
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

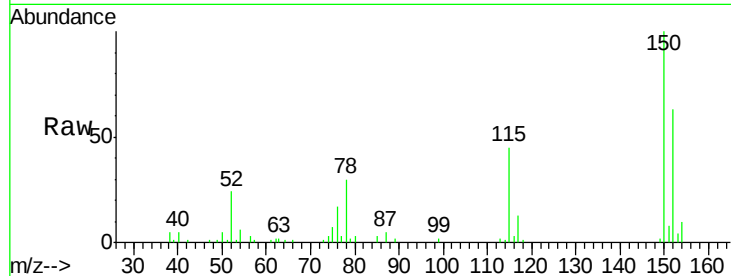
Tgt Ion:152 Resp: 44497

Ion Ratio Lower Upper

152 100

150 159.5 125.5 188.3

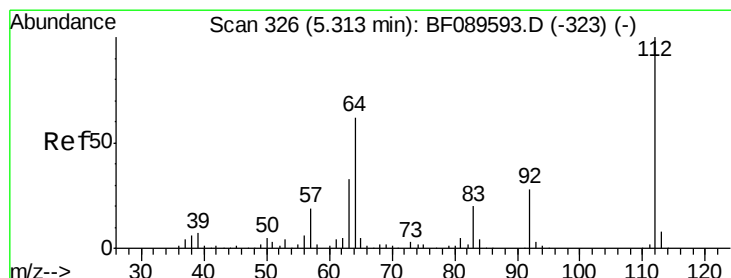
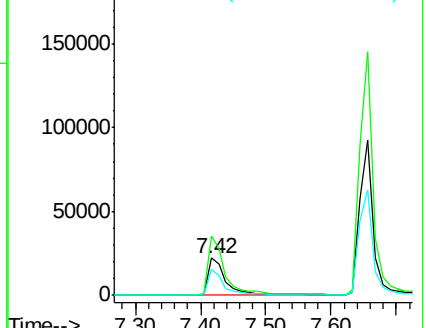
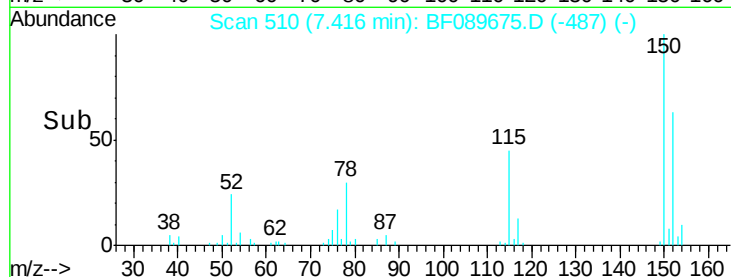
115 71.1 52.0 78.0



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: 98.39 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

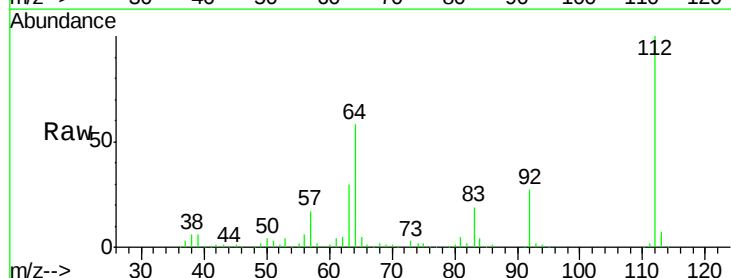
Tgt Ion:112 Resp: 261224

Ion Ratio Lower Upper

112 100

64 57.6 49.9 74.9

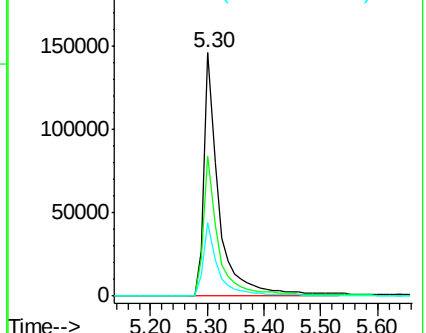
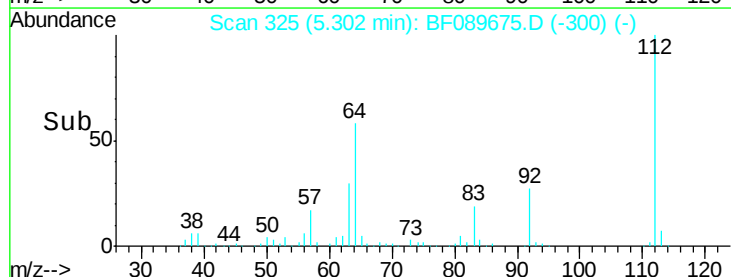
63 30.3 26.1 39.1

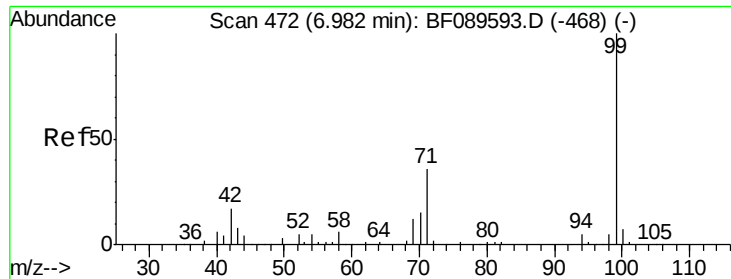


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.10 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

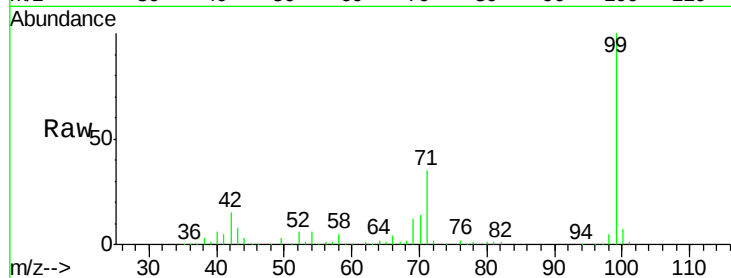
Tgt Ion: 99 Resp: 378507

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

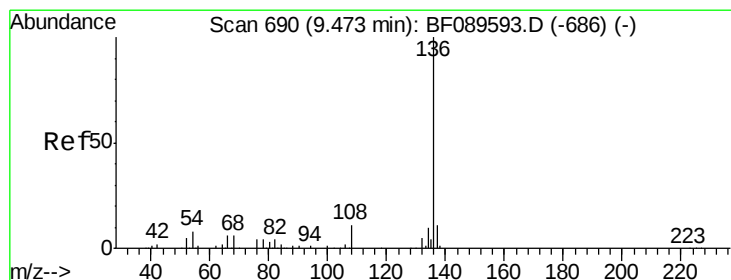
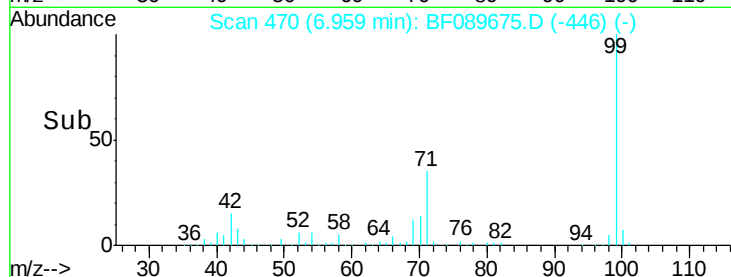
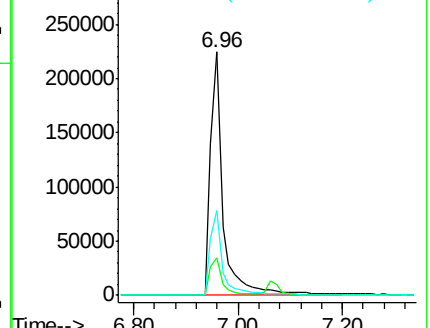
71 34.6 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Tgt Ion: 136 Resp: 192325

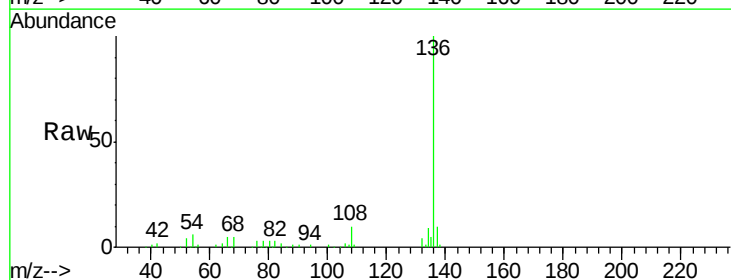
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.4 6.0 9.0

68 5.1 4.6 6.8

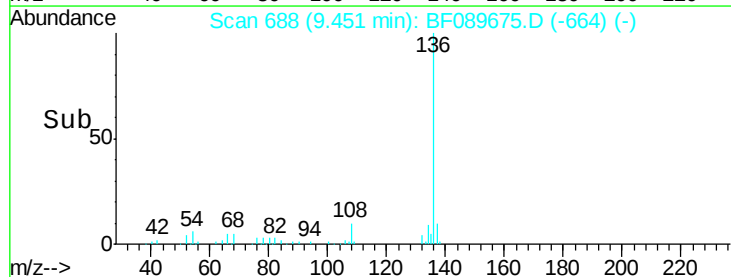
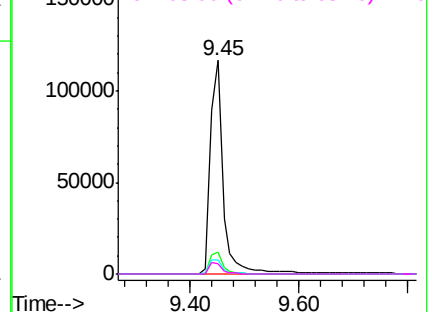


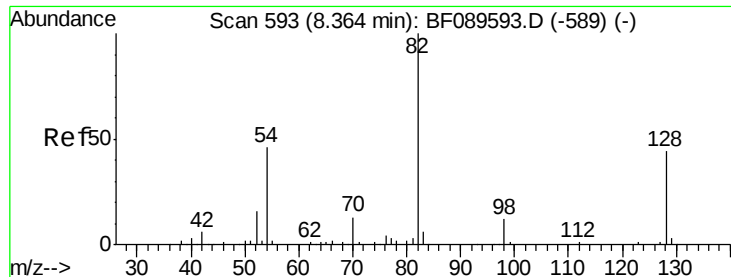
Abundance Ion 136.00 (135.70 to 136.70): E

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

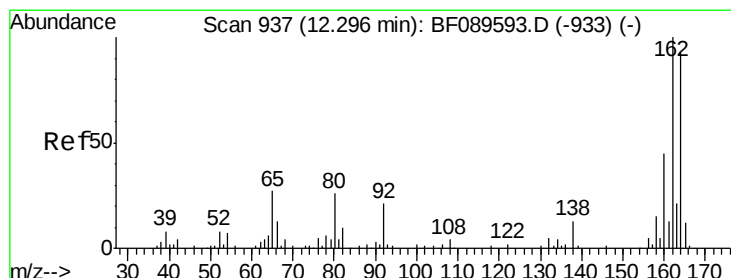
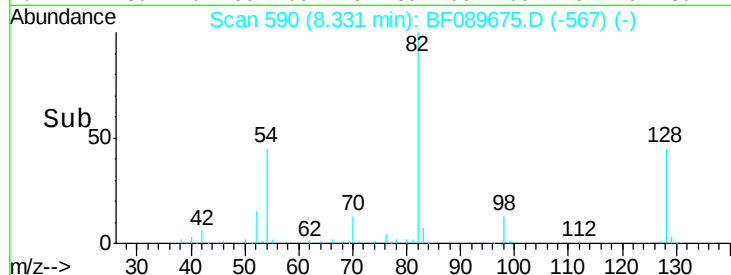
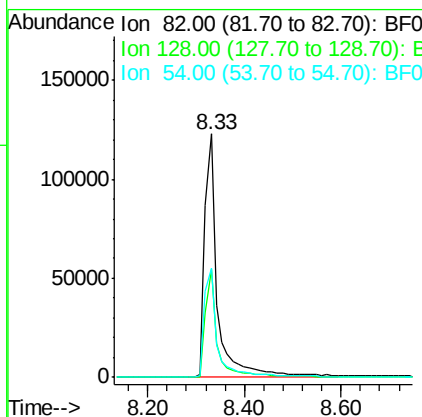
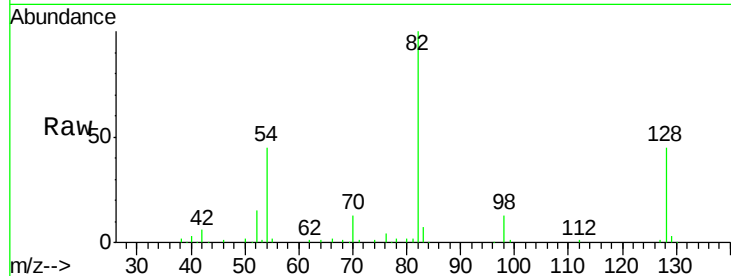




#23
 Nitrobenzene-d5
 Concen: 65.39 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

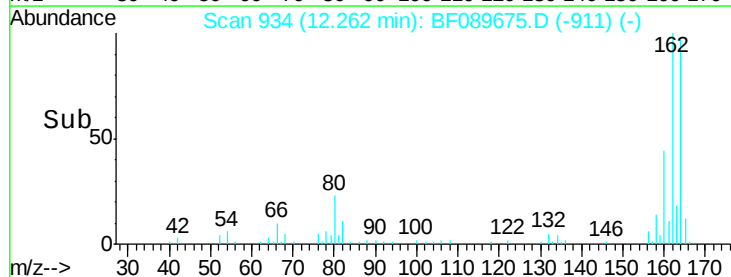
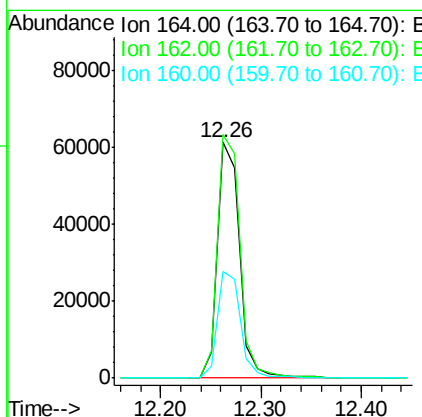
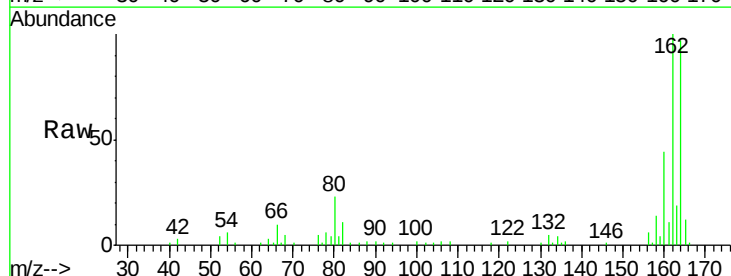
Instrument :
 BNA_F
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 LOCATION-35A-9-11

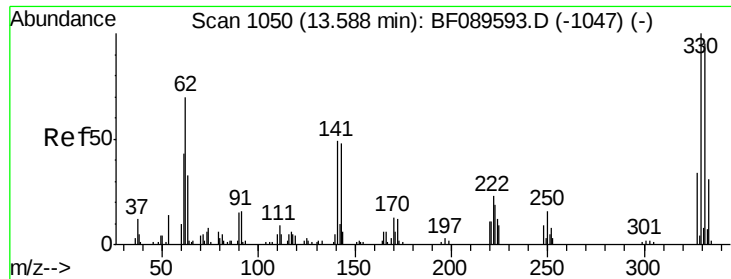
Tgt Ion: 82 Resp: 227363
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.4 53.0
 54 45.0 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion: 164 Resp: 93318
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.7 128.5
 160 45.6 38.2 57.4

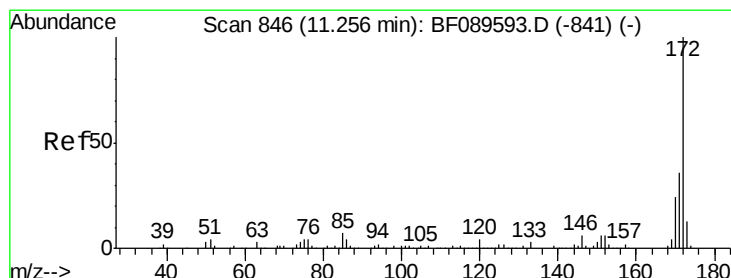
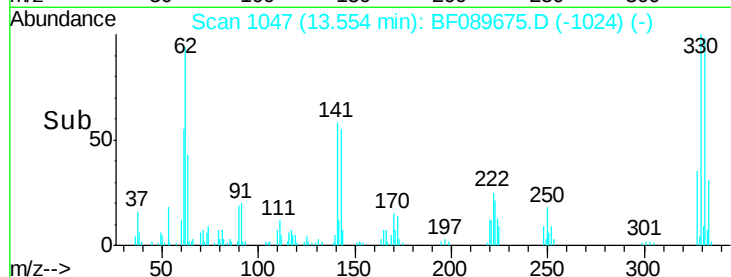
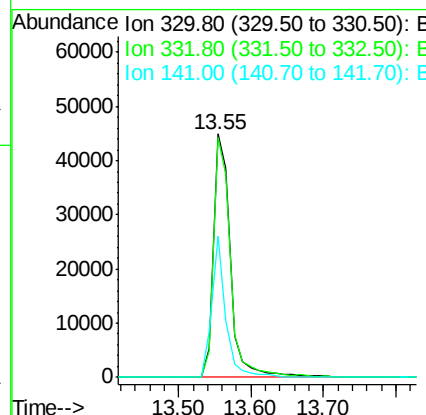
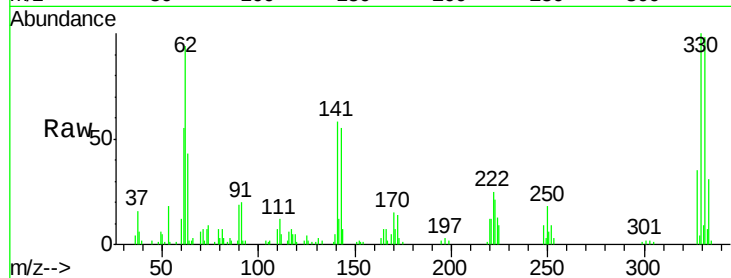




#41
 2,4,6-Tribromophenol
 Concen: 95.10 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

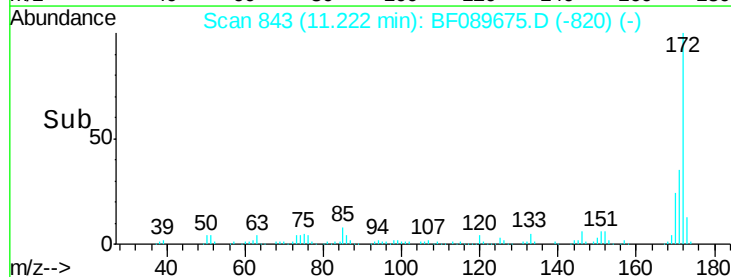
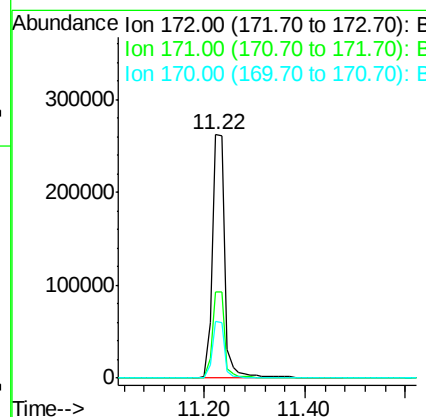
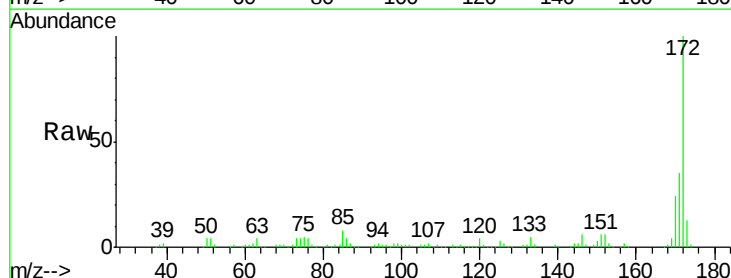
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

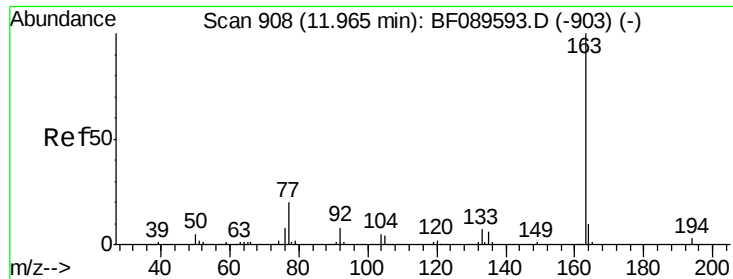
Tgt Ion: 330 Resp: 73236
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 47.6 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 63.26 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion: 172 Resp: 454247
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.5 19.0 28.6

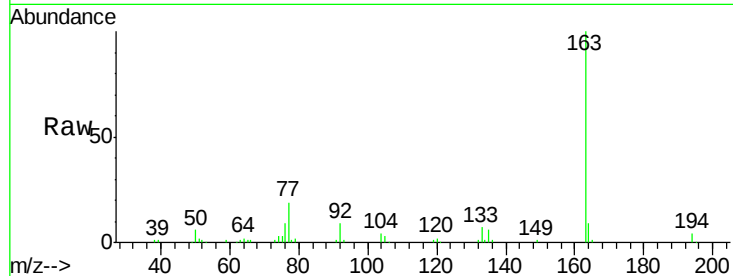




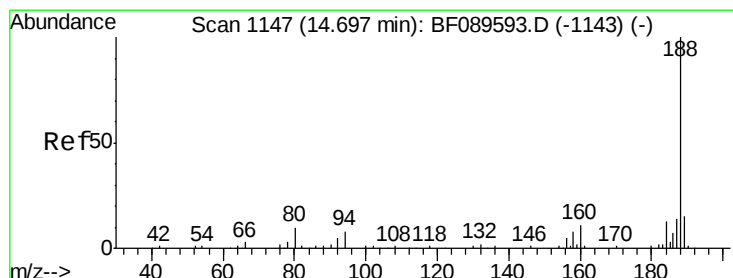
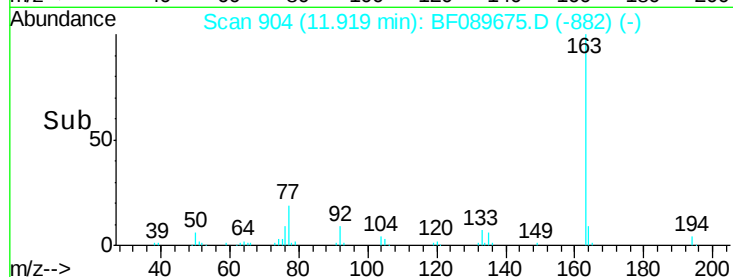
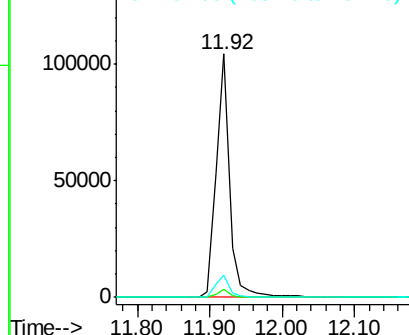
#49
Dimethylphthalate
Concen: 18.32 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

Tgt Ion:163 Resp: 133974
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 7.8 11.6

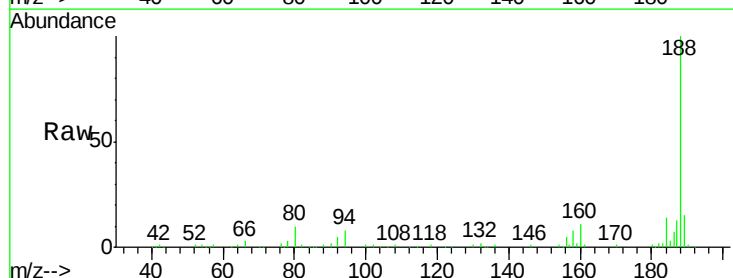


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

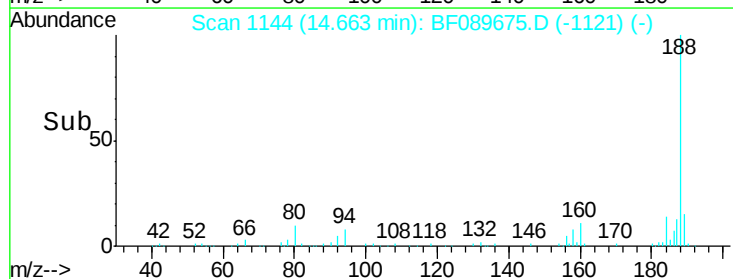
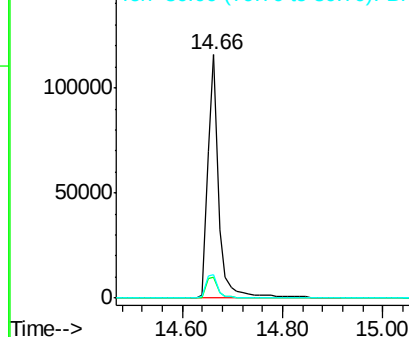


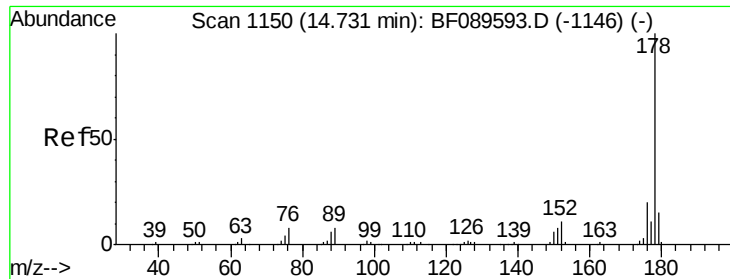
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion:188 Resp: 174571
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.5 8.0 12.0



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: 2.29 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

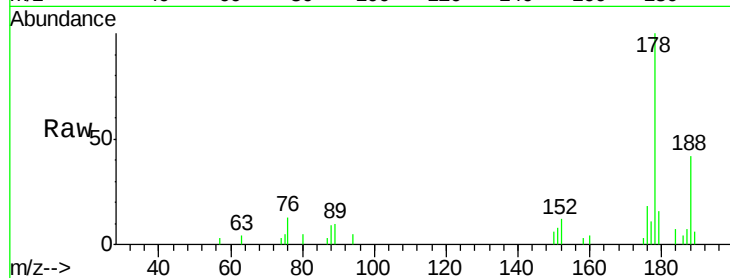
Tgt Ion:178 Resp: 21699

Ion Ratio Lower Upper

178 100

176 17.9 15.7 23.5

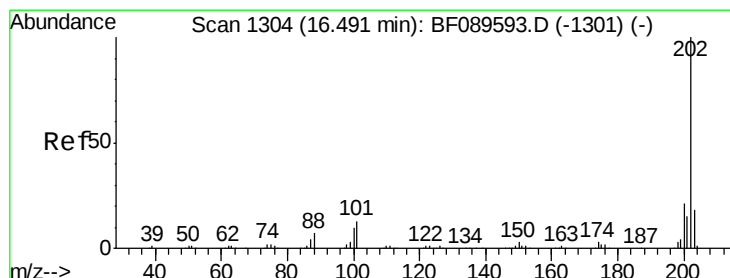
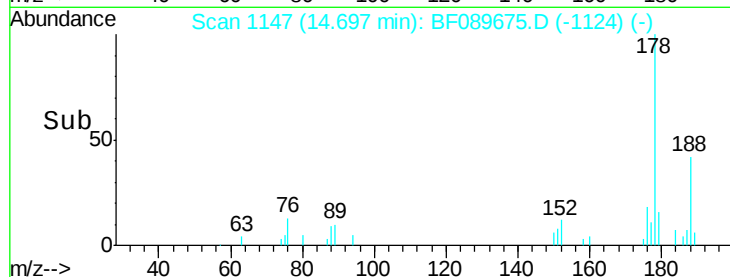
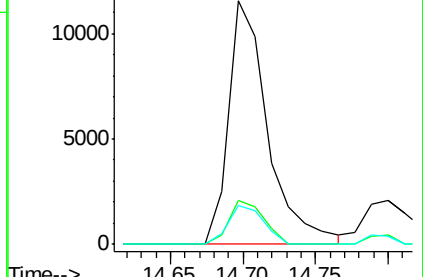
179 15.9 12.2 18.2



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: 2.61 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

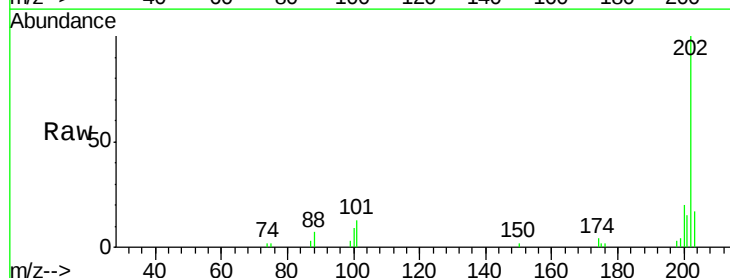
Tgt Ion:202 Resp: 25471

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

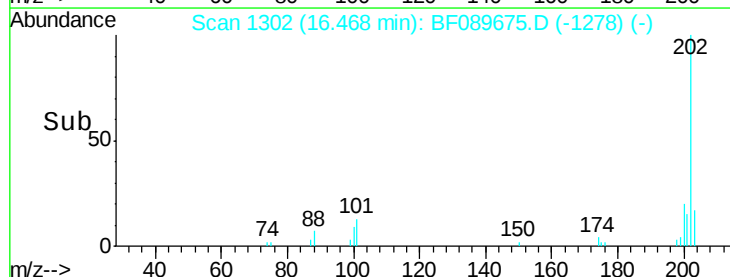
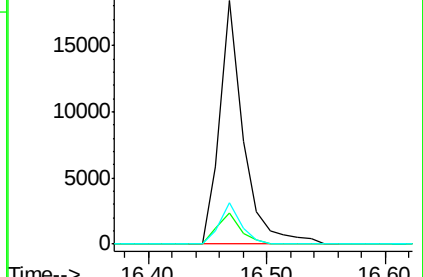
203 17.3 0.0 37.8

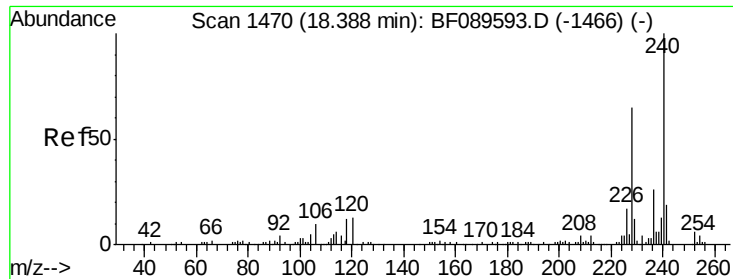


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

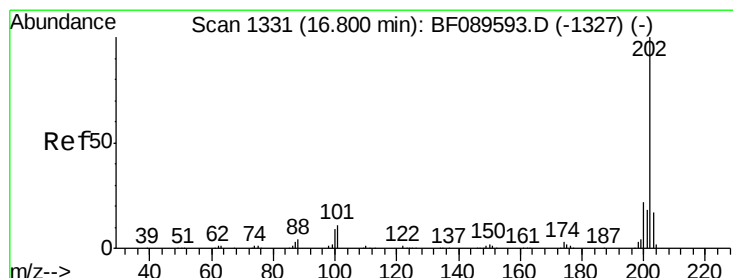
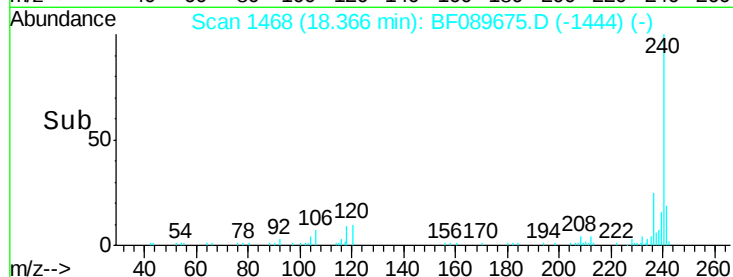
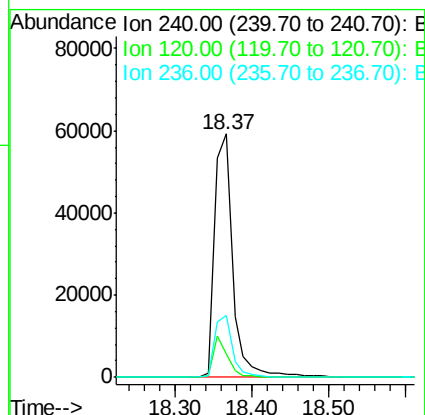
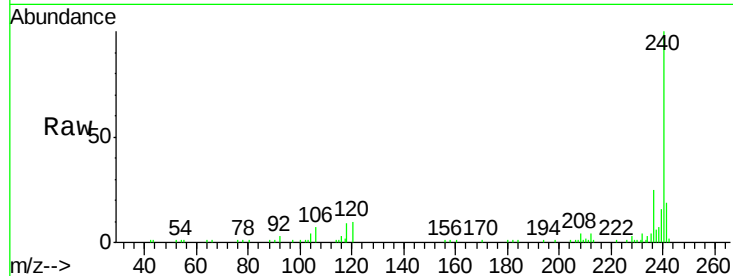




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

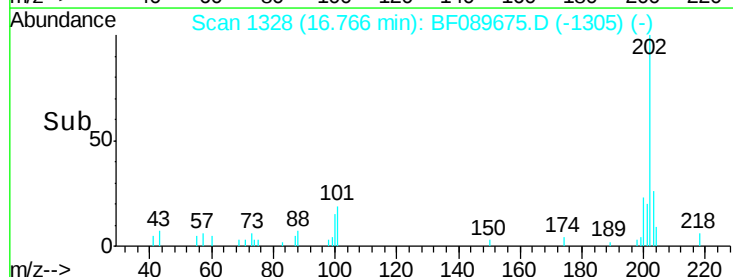
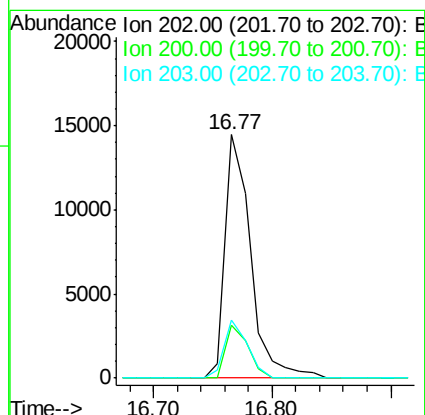
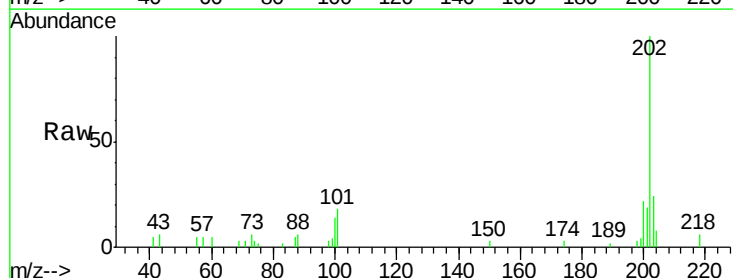
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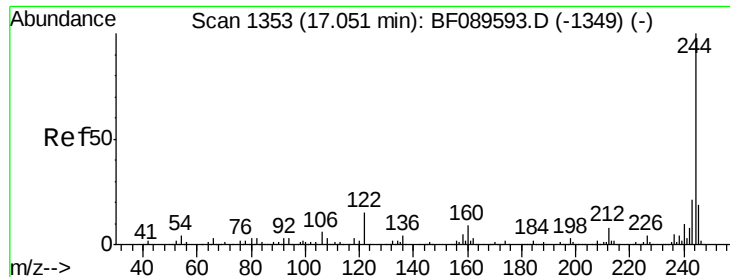
Tgt Ion:240 Resp: 97605
Ion Ratio Lower Upper
240 100
120 9.9 10.6 15.8#
236 25.3 20.6 30.8



#77
Pyrene
Concen: 2.49 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion:202 Resp: 21487
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 23.9 13.6 20.4#





#78

Terphenyl-d14

Concen: 67.85 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

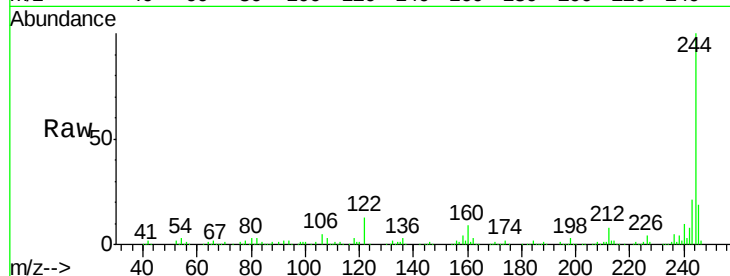
Tgt Ion:244 Resp: 335482

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

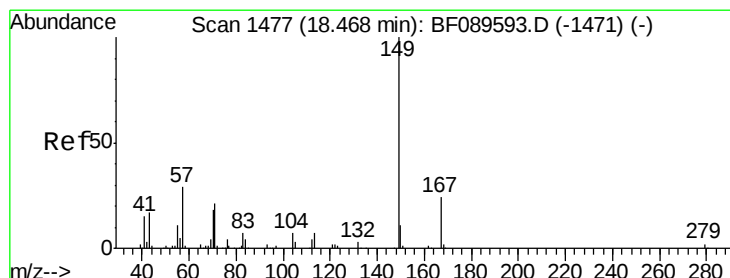
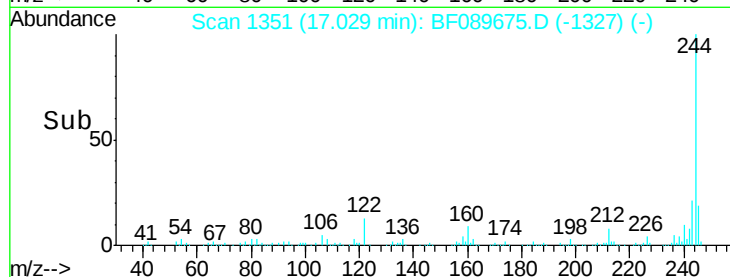
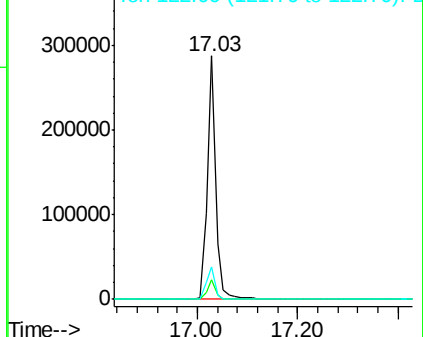
122 13.3 12.2 18.2



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: 6.96 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

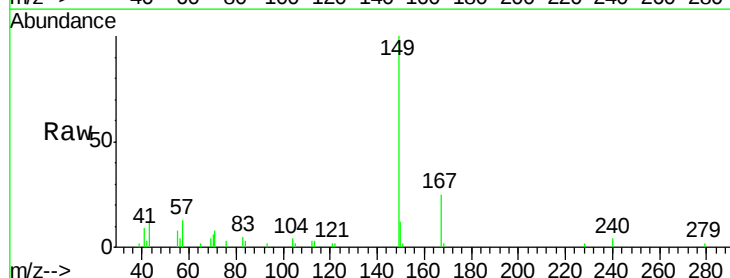
Tgt Ion:149 Resp: 35363

Ion Ratio Lower Upper

149 100

167 24.8 19.0 28.4

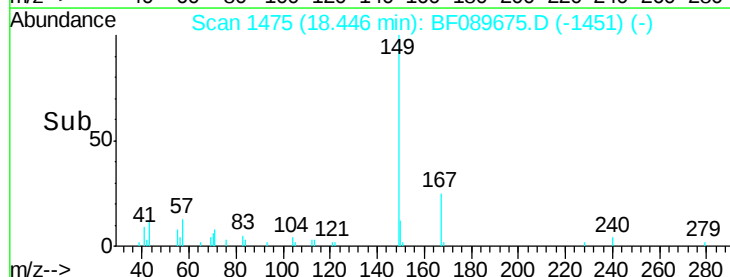
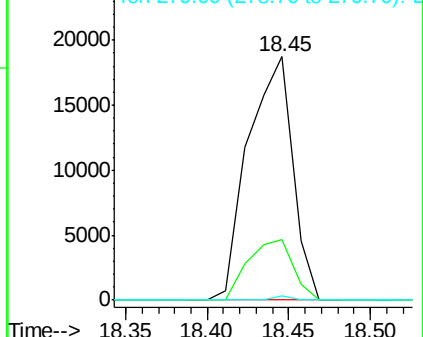
279 1.7 1.8 2.6#

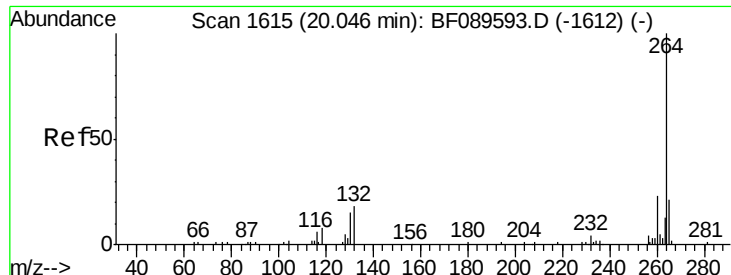


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

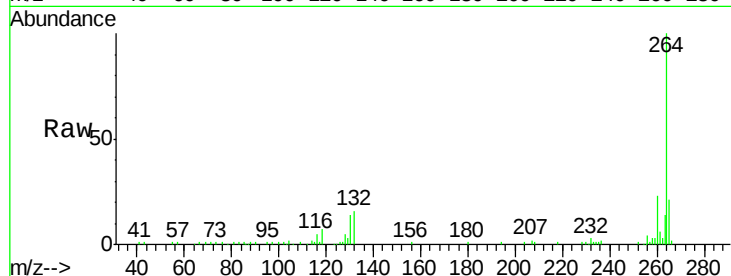




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

Tgt Ion: 264 Resp: 95326
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.0 16.5 24.7



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

