

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092249.D
 Acq On : 10 Aug 2016 11:39
 Operator : UM/SJ
 Sample : H4336-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160802

Quant Time: Aug 10 18:44:08 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

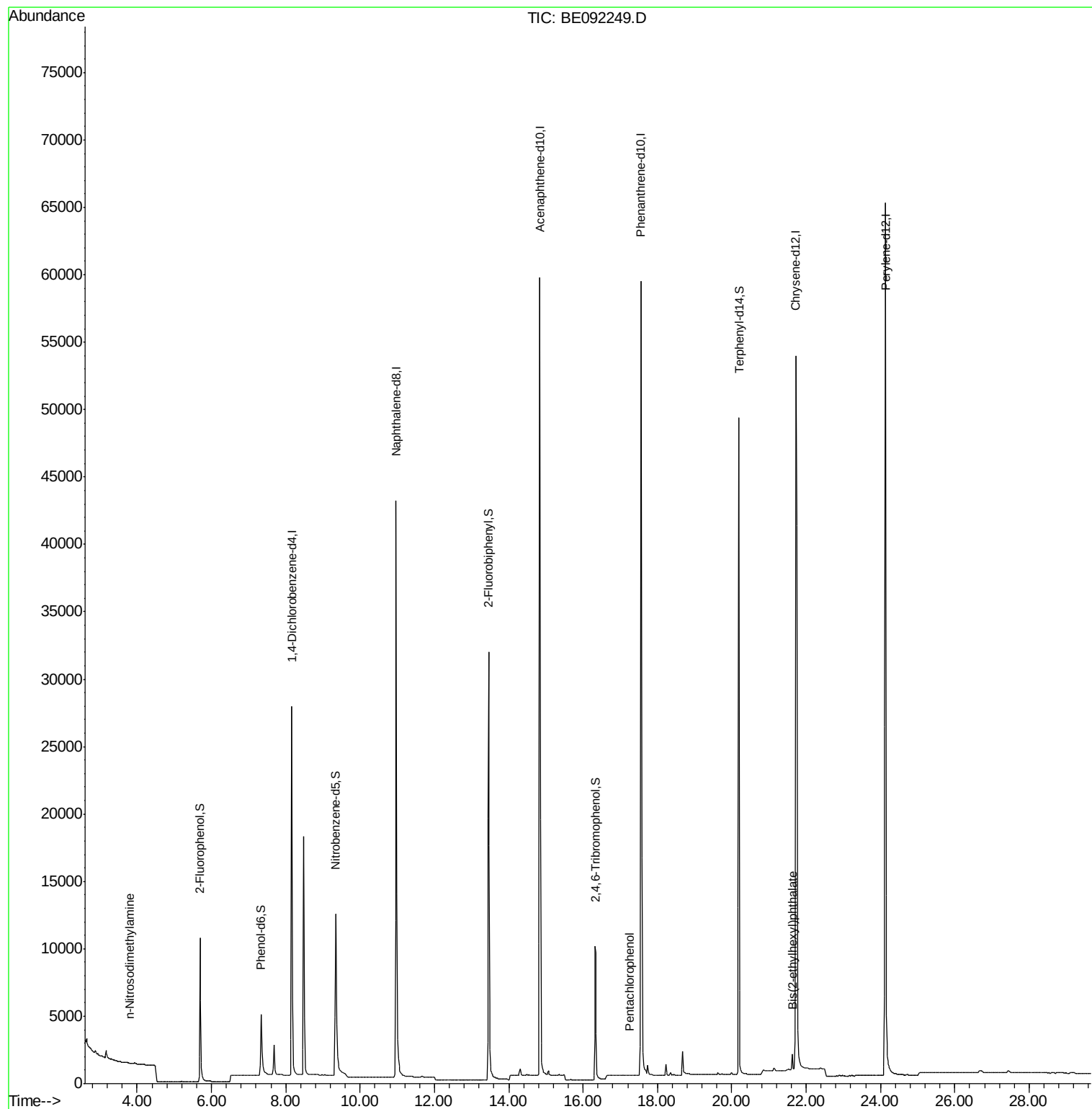
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	14941	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	66763	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	37359	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	90742	5.00	ng	0.00
24) Chrysene-d12	21.73	240	95150	5.00	ng	-0.02
31) Perylene-d12	24.13	264	102695	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	9529	2.92	ng	-0.01
5) Phenol-d6	7.34	99	6826	1.45	ng	-0.02
8) Nitrobenzene-d5	9.34	82	15380	3.26	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	8019	5.57	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	37044	3.21	ng	-0.01
26) Terphenyl-d14	20.19	244	57063	3.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	59	Below Cal	#	44
3) n-Nitrosodimethylamine	3.81	42	3	0.16 ng	#	38
20) Pentachlorophenol	17.26	266	19	0.18 ng	#	86
29) Bis(2-ethylhexyl)phthalate	21.63	149	1350	0.30 ng	#	97

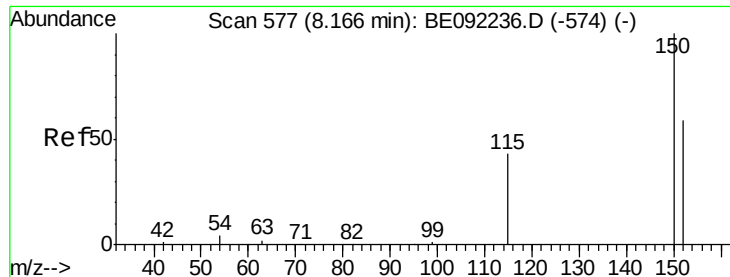
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092249.D

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BNA_E

ClientSampleId :

OUTFALL001-160802

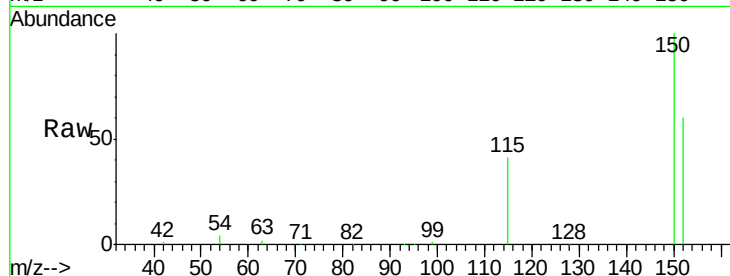
Tgt Ion:152 Resp: 14941

Ion Ratio Lower Upper

152 100

150 165.5 135.6 203.4

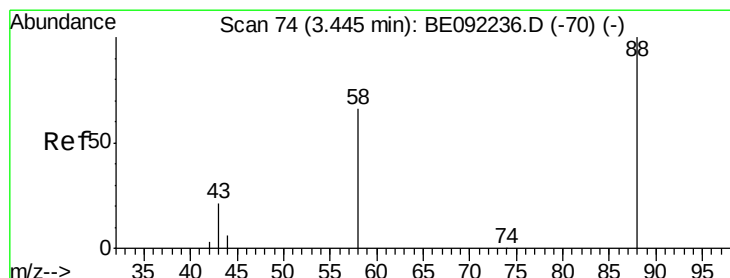
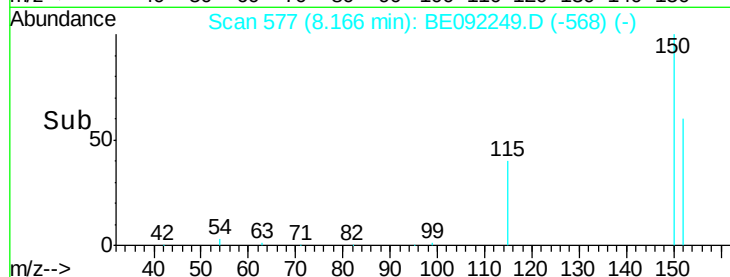
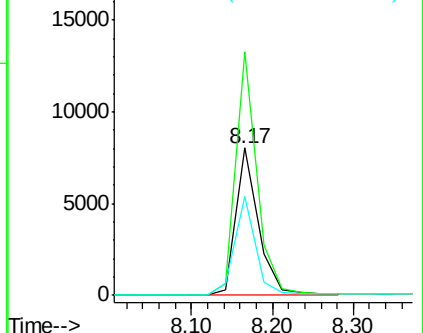
115 67.5 59.4 89.0



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.44 min Scan# 74

Delta R.T. 0.00 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

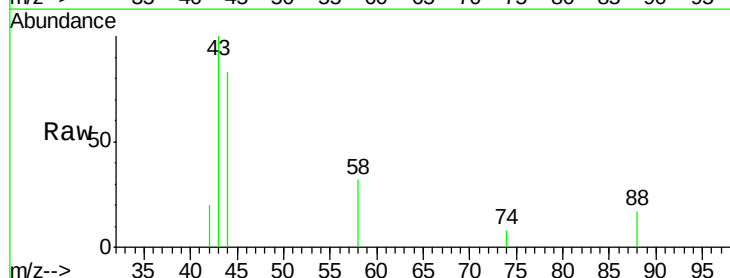
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

58 125.4 64.4 96.6#

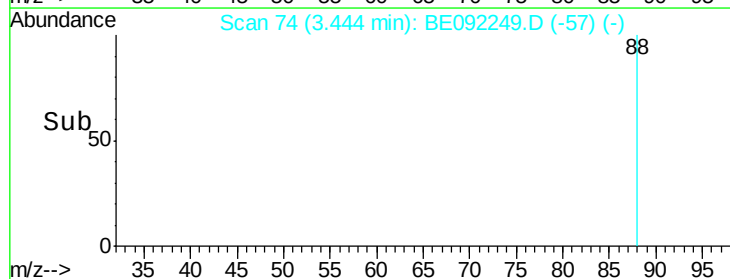
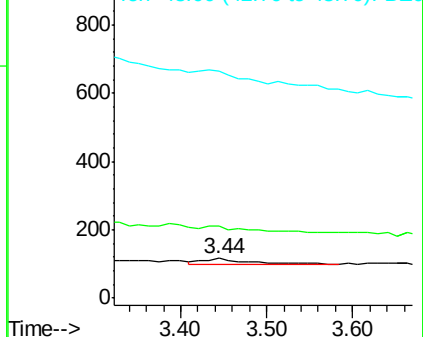
43 0.0 33.4 50.2#

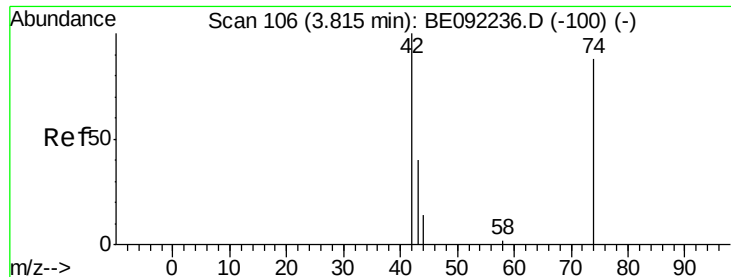


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.00 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

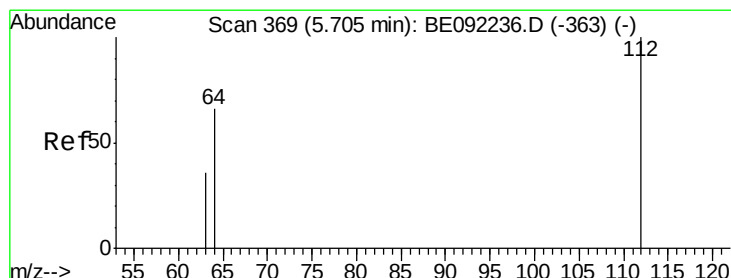
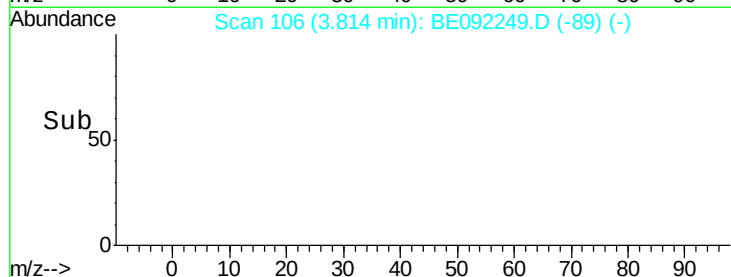
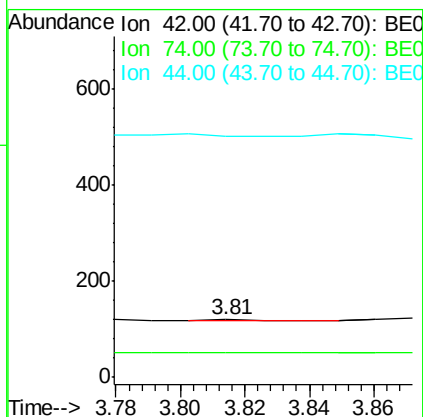
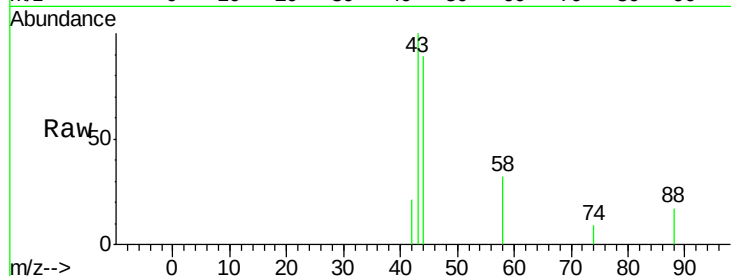
Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160802

Tgt Ion:	42	Resp:	3
Ion	Ratio	Lower	Upper
42	100		
74	33.3	77.2	115.8#
44	0.0	5.0	7.4#



#4

2-Fluorophenol

Concen: 2.92 ng

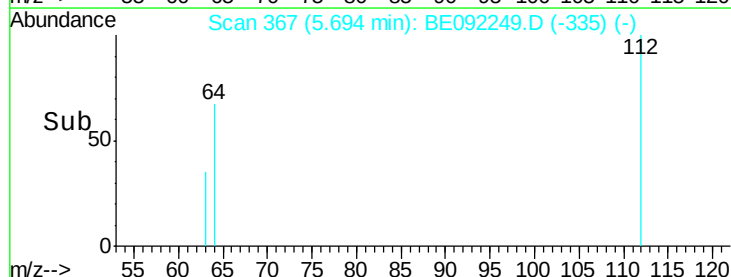
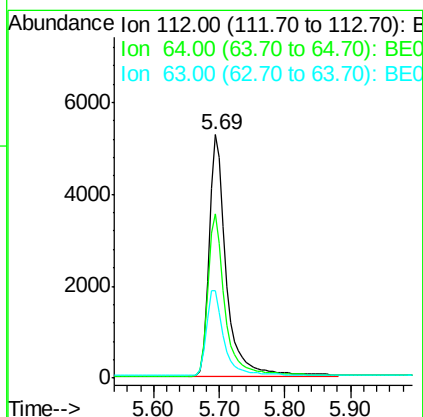
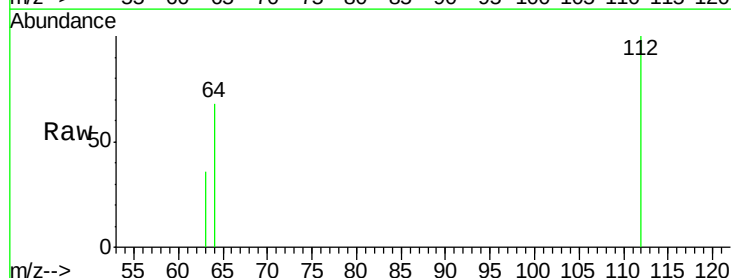
RT: 5.69 min Scan# 367

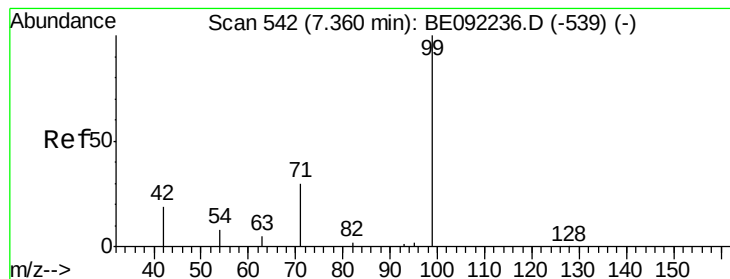
Delta R.T. -0.01 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

Tgt Ion:	112	Resp:	9529
Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.2	79.8
63	36.9	27.4	41.2





#5

Phenol-d6

Concen: 1.45 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160802

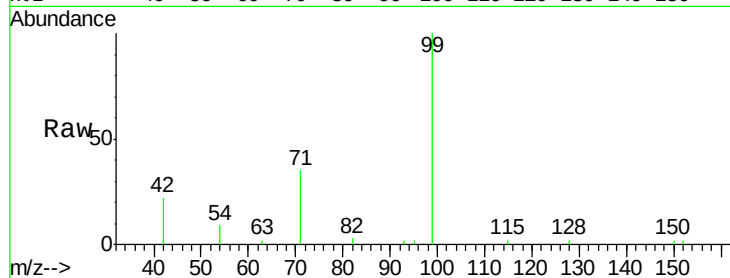
Tgt Ion: 99 Resp: 6826

Ion Ratio Lower Upper

99 100

42 25.1 0.0 0.0#

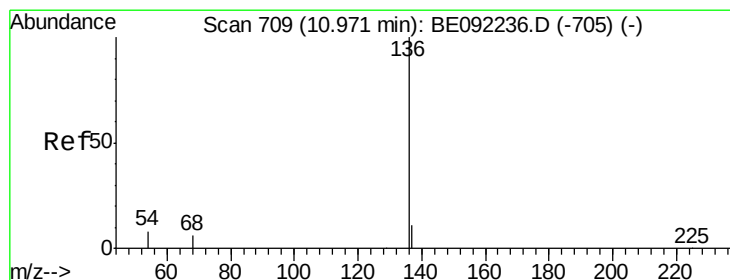
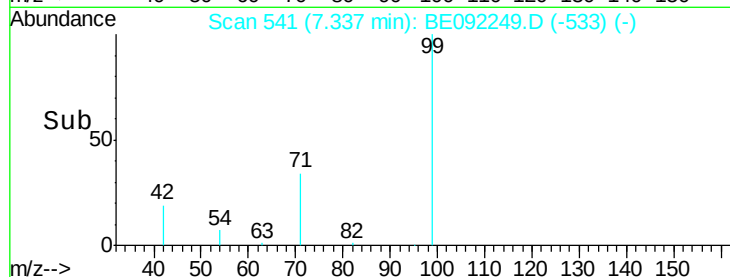
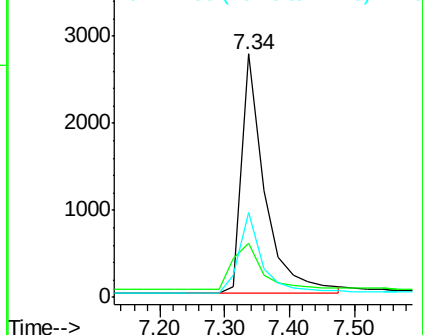
71 34.3 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

Tgt Ion: 136 Resp: 66763

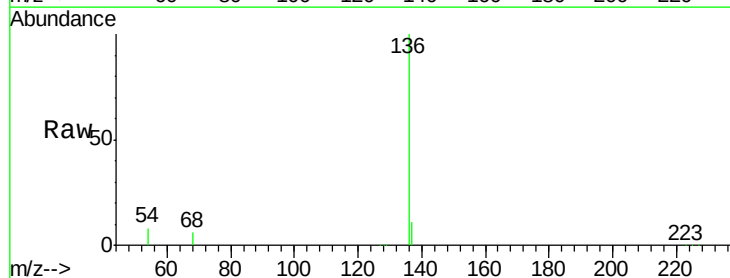
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 6.2 9.4

68 5.7 4.6 6.8

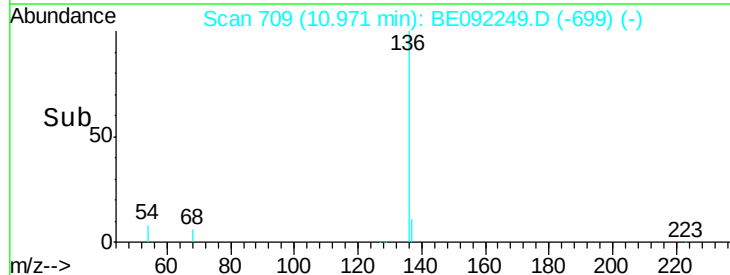
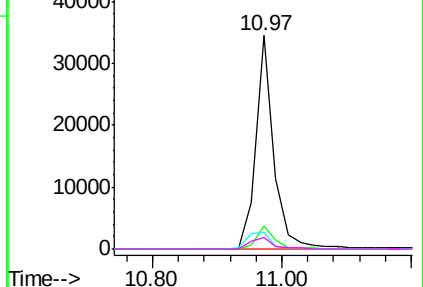


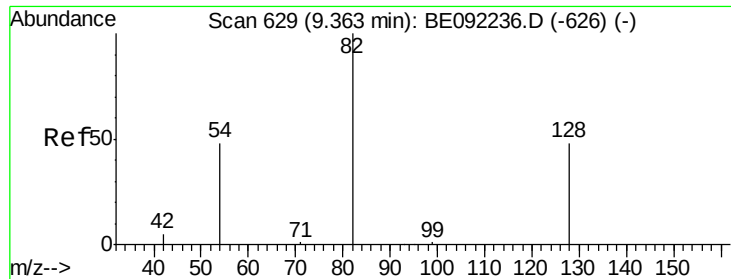
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

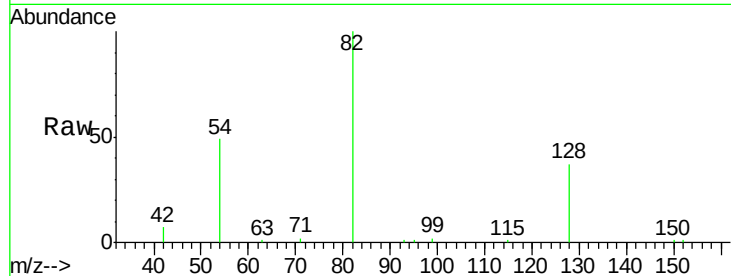




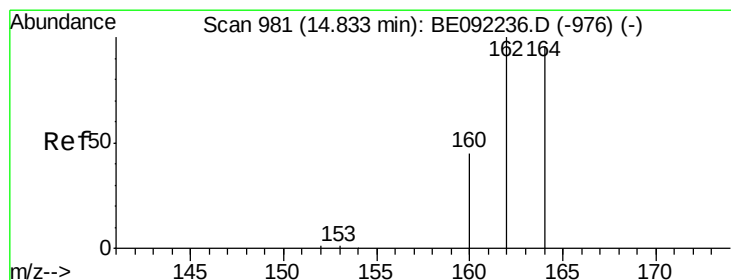
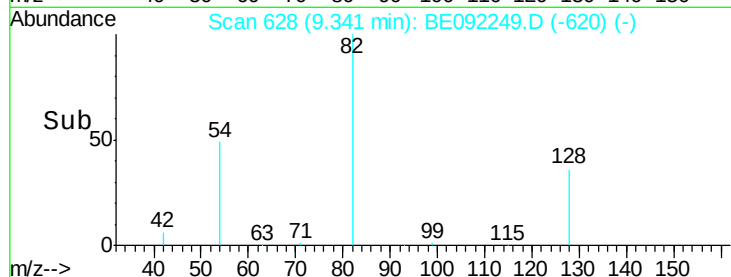
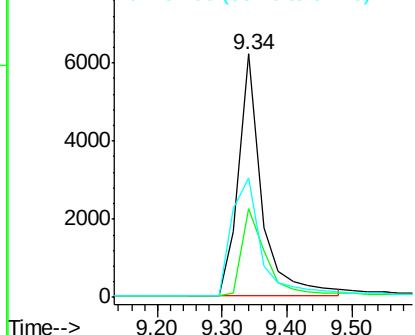
#8
 Nitrobenzene-d5
 Concen: 3.26 ng
 RT: 9.34 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BE092249.D
 Acq: 10 Aug 2016 11:39

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 BNA_E
 ClientSampleId :
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Tgt Ion: 82 Resp: 15380
 Ion Ratio Lower Upper
 82 100
 128 36.5 45.0 67.4#
 54 49.3 45.4 68.2

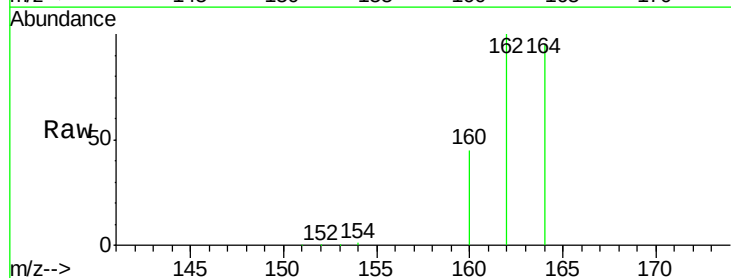


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

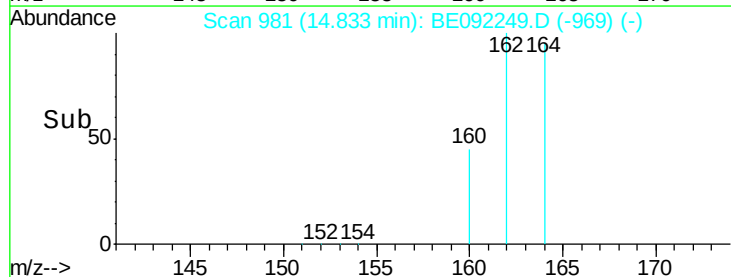
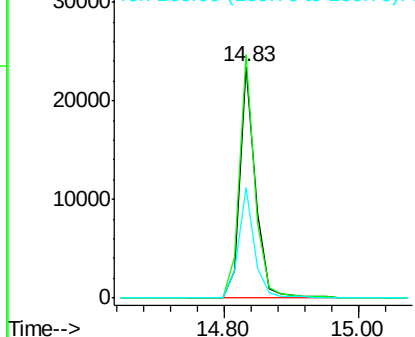


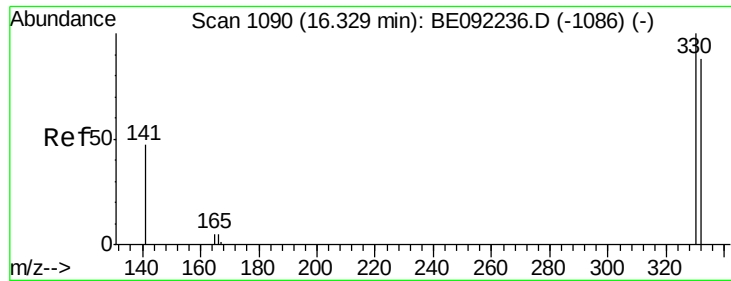
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.83 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BE092249.D
 Acq: 10 Aug 2016 11:39

Tgt Ion: 164 Resp: 37359
 Ion Ratio Lower Upper
 164 100
 162 105.4 83.3 124.9
 160 47.6 38.0 57.0



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

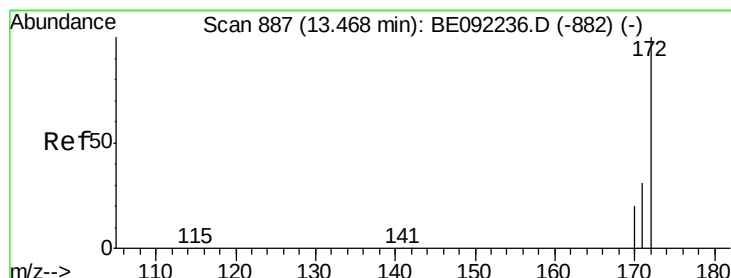
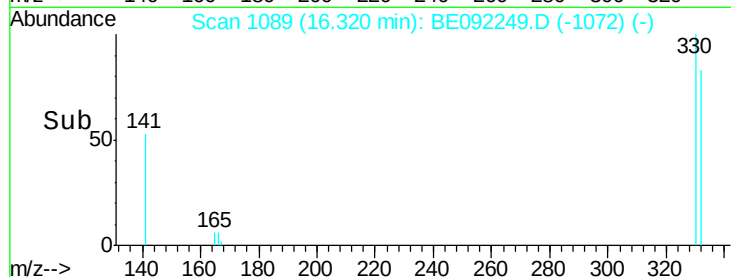
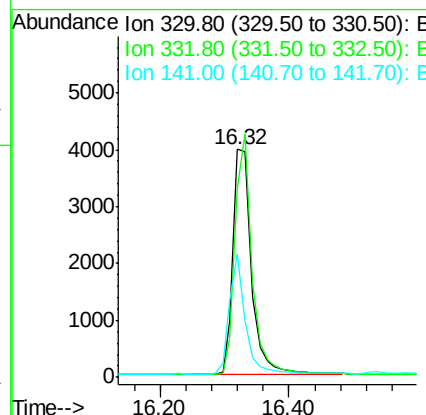
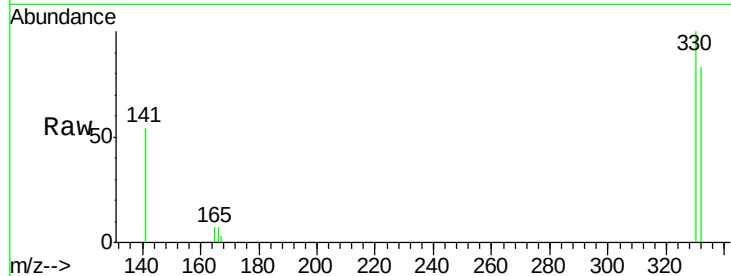




#13
 2,4,6-Tribromophenol
 Concen: 5.57 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BE092249.D
 Acq: 10 Aug 2016 11:39

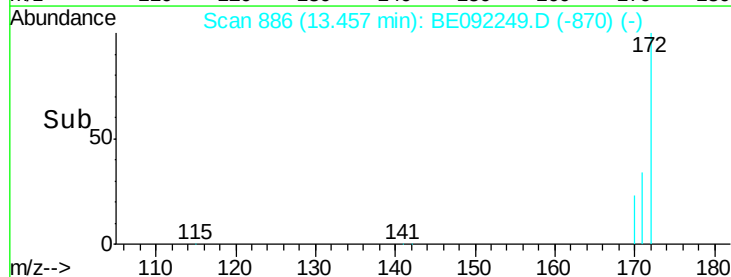
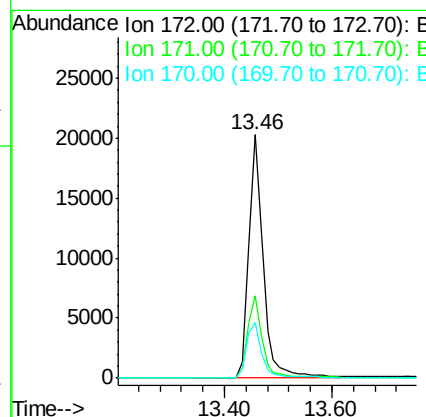
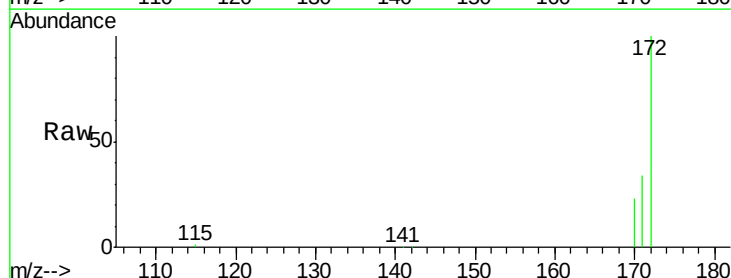
Instrument :
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 OUTFALL001-160802

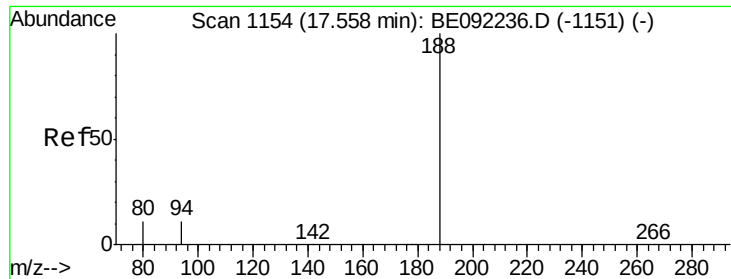
Tgt Ion: 330 Resp: 8019
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.0
 141 46.2 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.21 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092249.D
 Acq: 10 Aug 2016 11:39

Tgt Ion: 172 Resp: 37044
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.8 40.2
 170 22.7 17.8 26.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160802

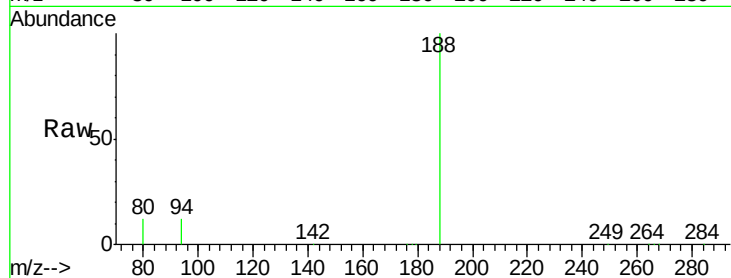
Tgt Ion:188 Resp: 90742

Ion Ratio Lower Upper

188 100

94 11.7 9.2 13.8

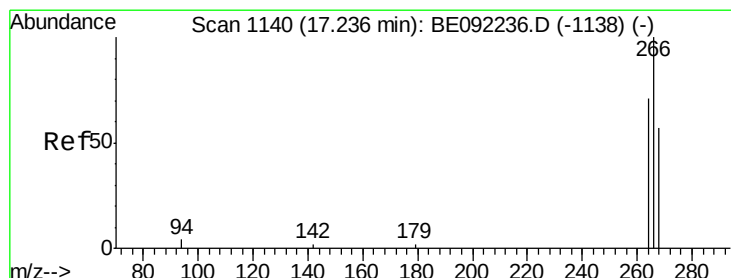
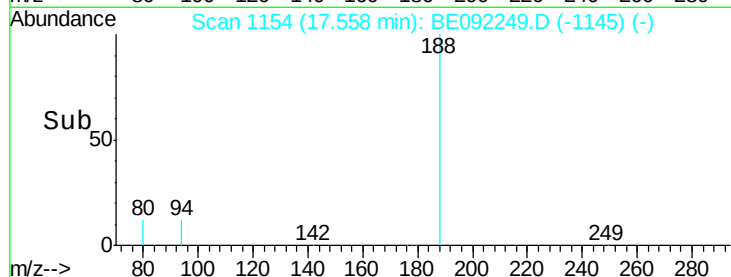
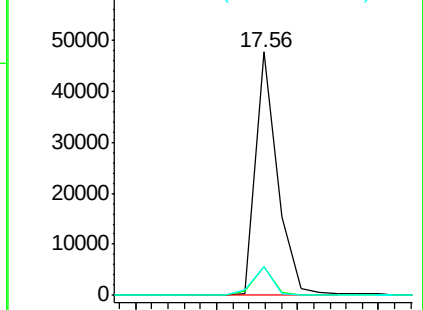
80 11.7 9.1 13.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Pentachlorophenol

Concen: 0.18 ng

RT: 17.26 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

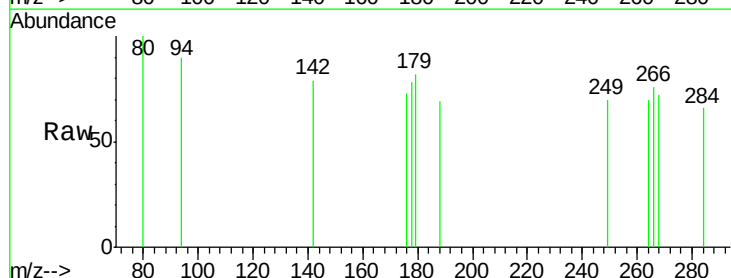
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 94.1 62.3 93.5#

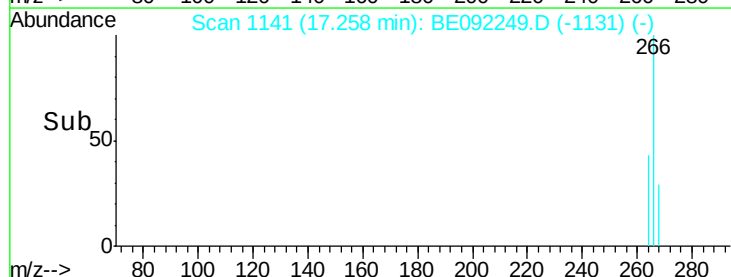
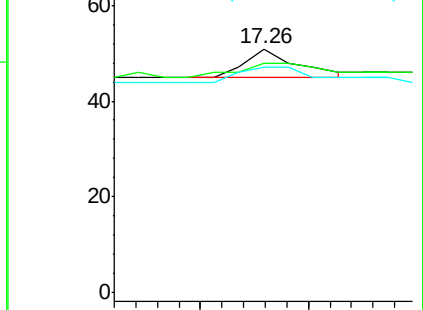
264 92.2 67.4 101.0

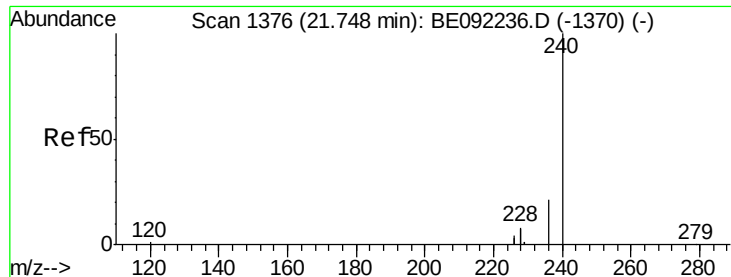


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092249.D

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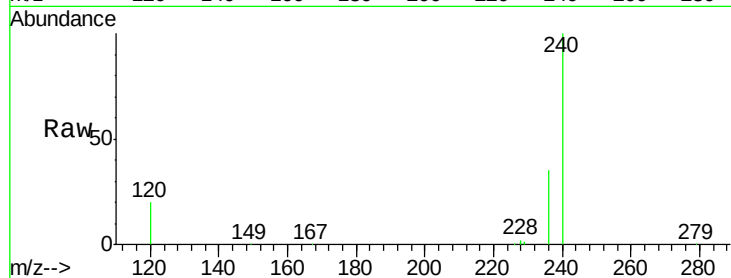
Tgt Ion:240 Resp: 95150

Ion Ratio Lower Upper

240 100

120 19.8 1.2 1.8#

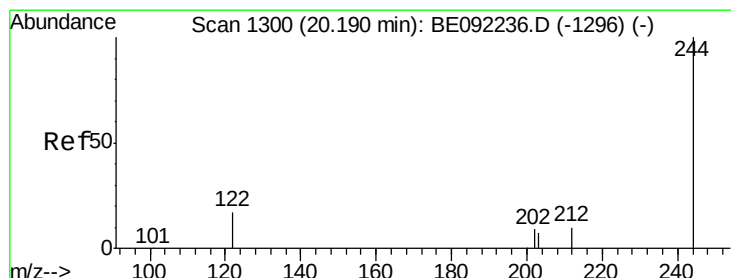
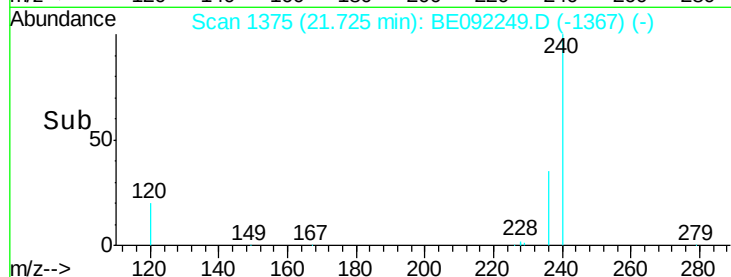
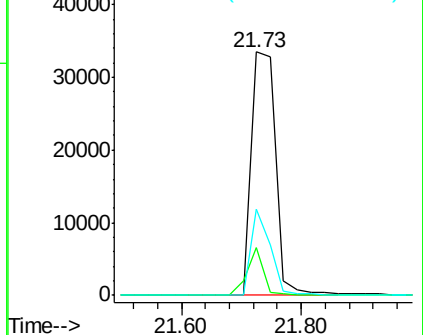
236 35.3 17.1 25.7#



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



#26

Terphenyl-d14

Concen: 3.55 ng

RT: 20.19 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BE092249.D

Acq: 10 Aug 2016 11:39

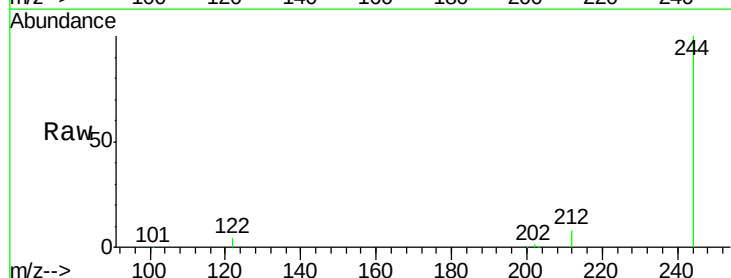
Tgt Ion:244 Resp: 57063

Ion Ratio Lower Upper

244 100

212 8.1 10.2 15.2#

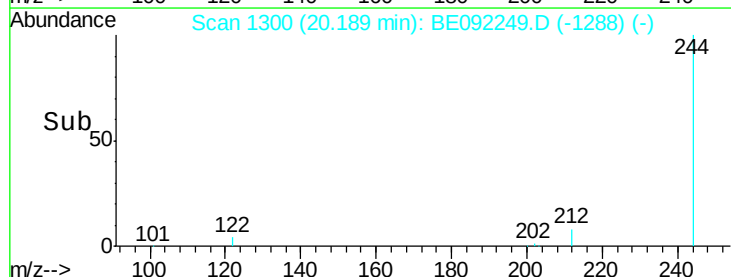
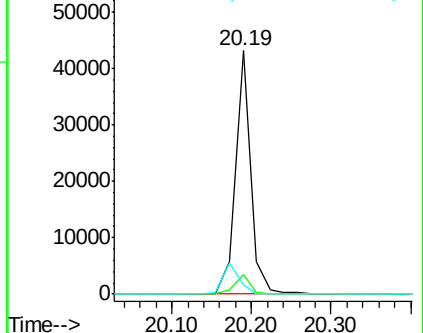
122 3.8 15.9 23.9#

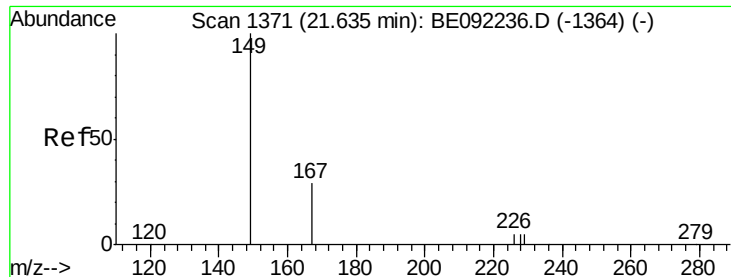


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

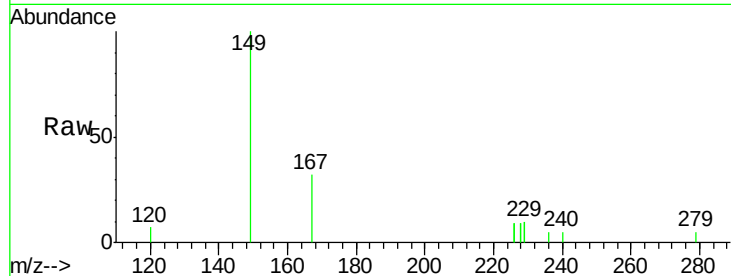




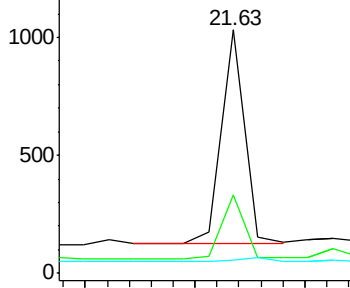
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.63 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE092249.D
 Acq: 10 Aug 2016 11:39

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160802

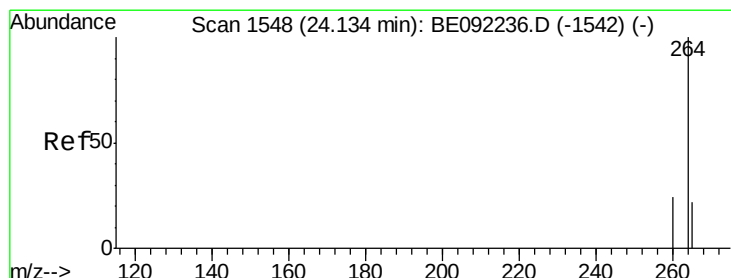
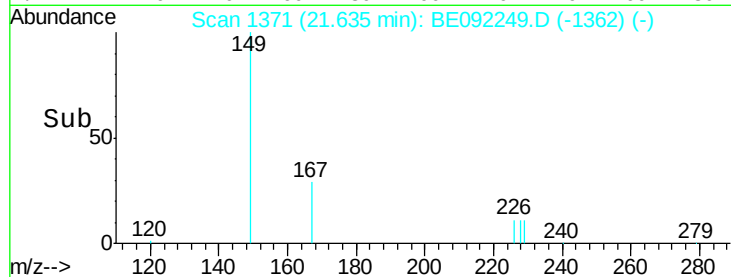
Tgt Ion: 149 Resp: 1350
 Ion Ratio Lower Upper
 149 100
 167 29.4 22.1 33.1
 279 0.0 0.0 0.0



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

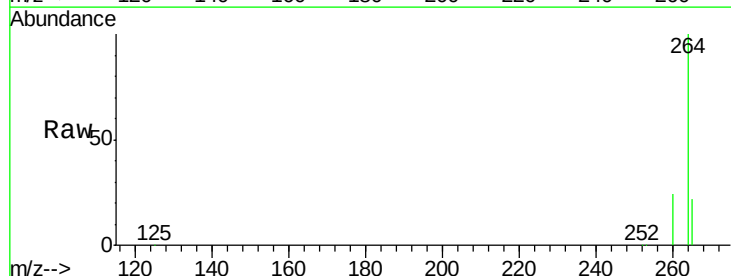


Time-->

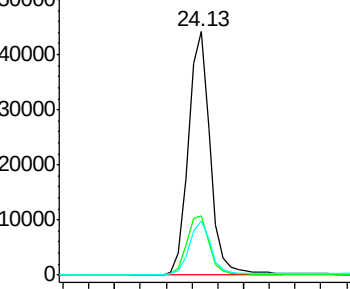


#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092249.D
 Acq: 10 Aug 2016 11:39

Tgt Ion: 264 Resp: 102695
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.5 18.2 27.4



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



Time-->

