

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110816\
 Data File : BE092516.D
 Acq On : 8 Nov 2016 19:39
 Operator : UM/SJ
 Sample : H5520-02
 Misc : 4X Internal std added
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-161101

Quant Time: Nov 09 00:12:14 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	28374	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	131623	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	88915	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	196782	5.00	ng	0.00
24) Chrysene-d12	21.72	240	305077	5.00	ng	0.00
31) Perylene-d12	24.08	264	285512	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	4928	0.79	ng	0.00
5) Phenol-d6	7.33	99	3346	0.40	ng	0.00
8) Nitrobenzene-d5	9.34	82	8838	1.02	ng	0.00
13) 2,4,6-Tribromophenol	16.29	330	5144	1.80	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	23735	1.08	ng	-0.01
26) Terphenyl-d14	20.16	244	46594	1.26	ng	-0.02

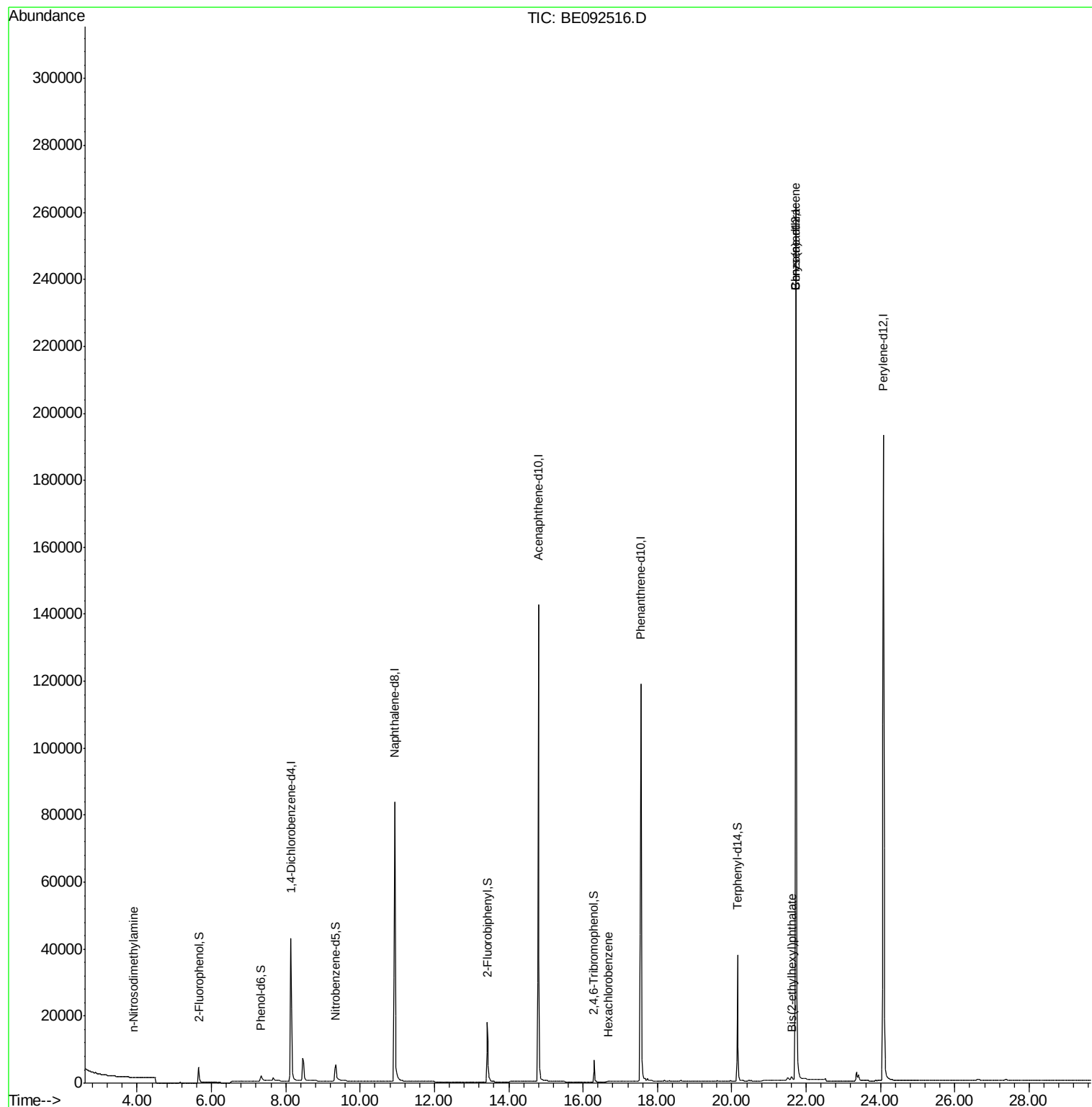
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	82	Below Cal	#	19
3) n-Nitrosodimethylamine	3.91	42	19	0.08 ng	#	30
19) Hexachlorobenzene	16.68	284	288	0.04 ng	#	39
27) Benzo(a)anthracene	21.72	228	8189	0.03 ng	#	62
28) Chrysene	21.72	228	8325	Below Cal	#	49
29) Bis(2-ethylhexyl)phthalate	21.61	149	1697	0.07 ng	#	56
32) Benzo(b)fluoranthene	23.36	252	3979	Below Cal		93
33) Benzo(k)fluoranthene	23.36	252	3979	Below Cal		95

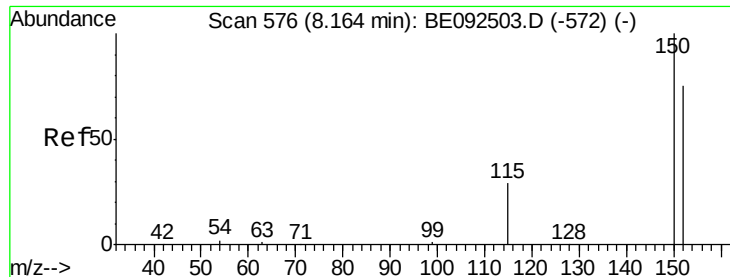
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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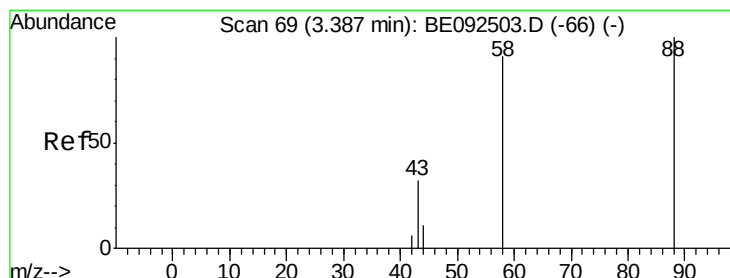
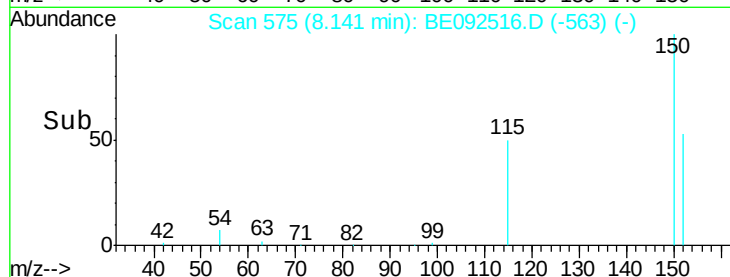
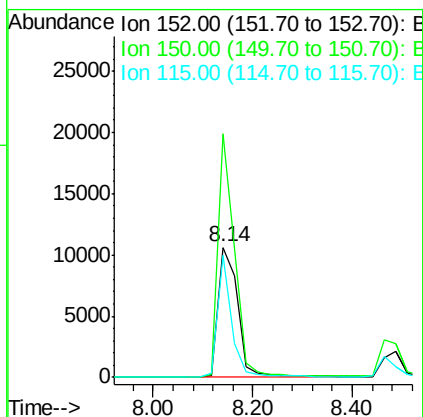
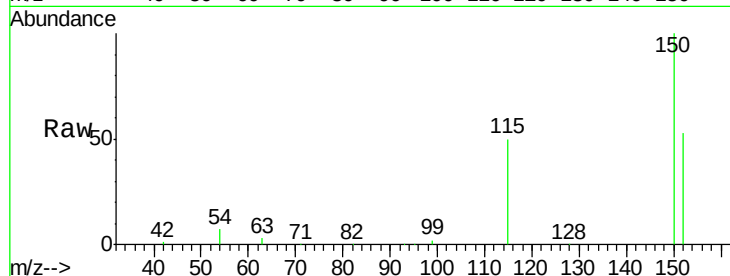


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161101

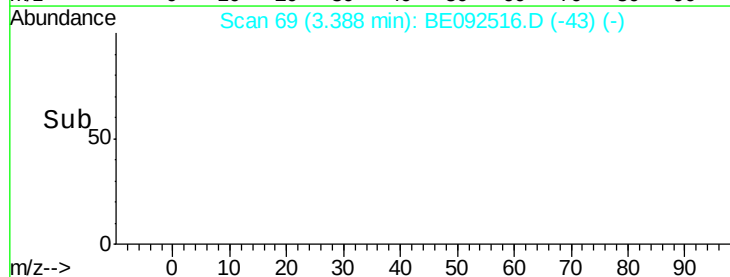
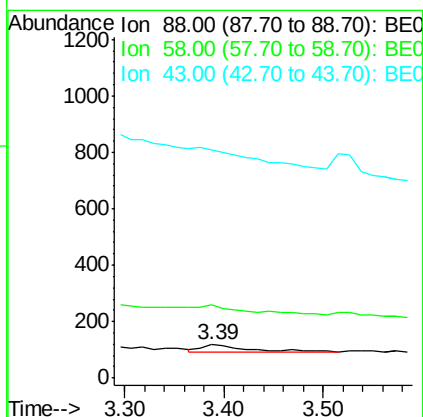
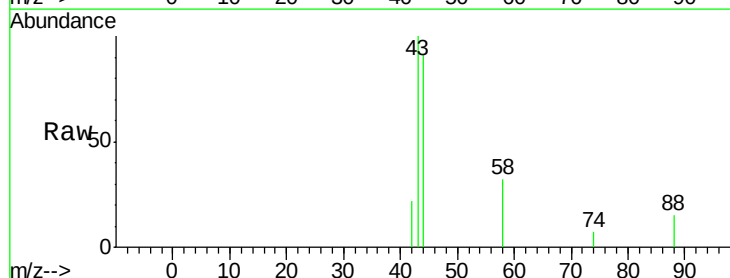
Tgt Ion: 152 Resp: 28374
Ion Ratio Lower Upper
152 100
150 187.1 106.0 159.0#
115 94.0 31.2 46.8#

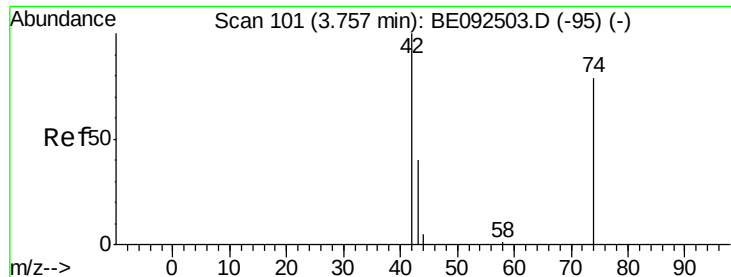


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
58 0.0 63.6 95.4#
43 0.0 28.0 42.0#



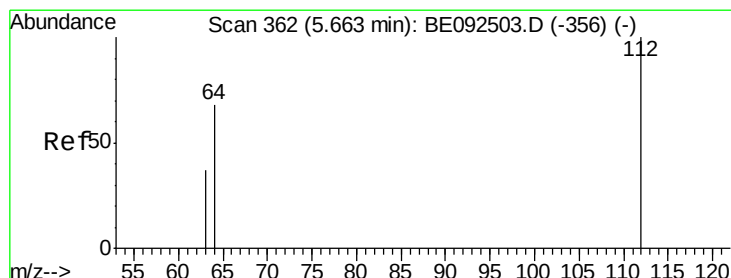
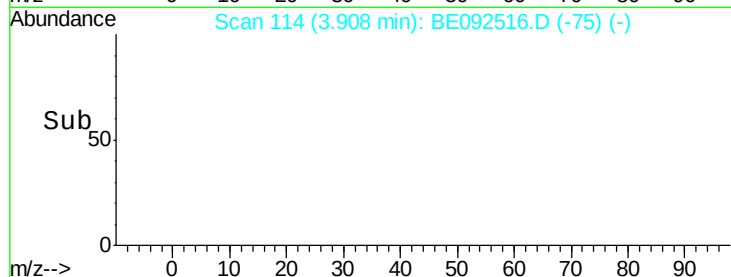
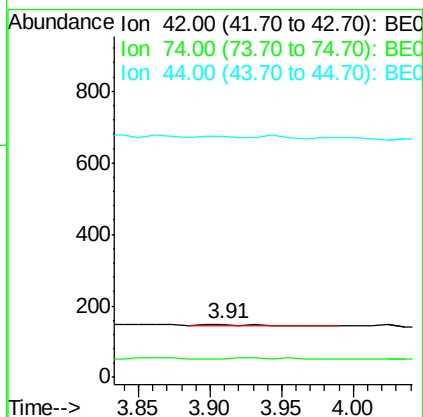
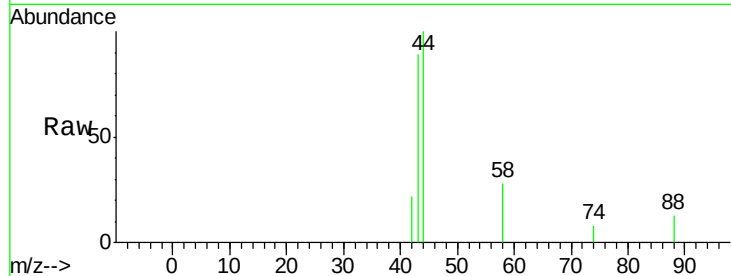


#3

n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.91 min Scan# 114
Delta R.T. 0.15 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161101

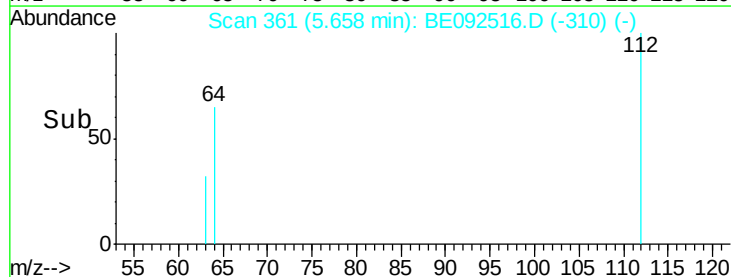
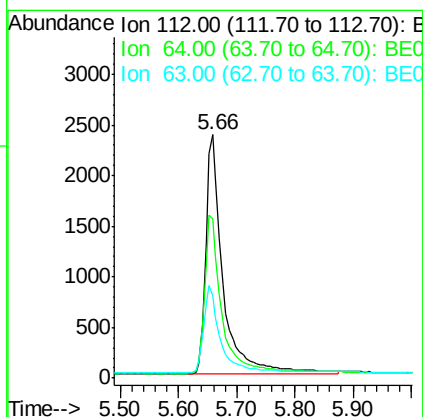
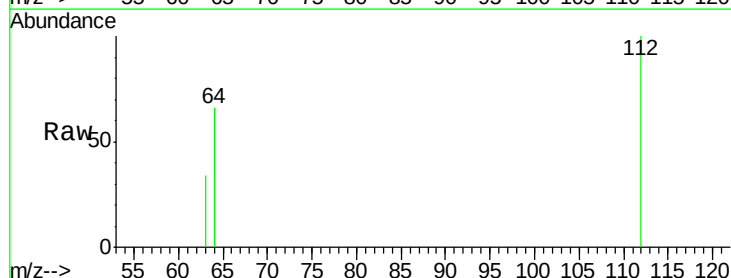
Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
74 31.6 86.0 129.0#
44 0.0 5.1 7.7#

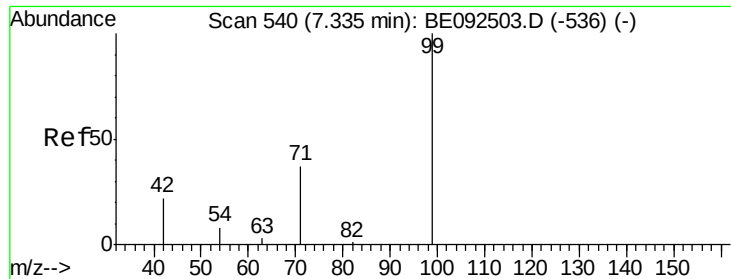


#4

2-Fluorophenol
Concen: 0.79 ng
RT: 5.66 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

Tgt Ion: 112 Resp: 4928
Ion Ratio Lower Upper
112 100
64 68.0 53.5 80.3
63 36.0 27.9 41.9





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

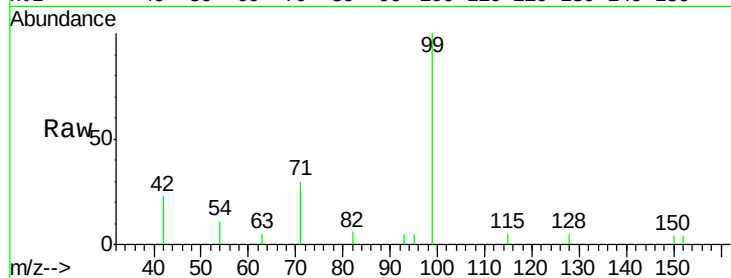
Tgt Ion: 99 Resp: 3346

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

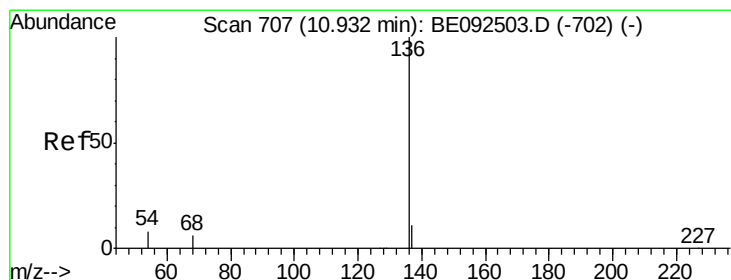
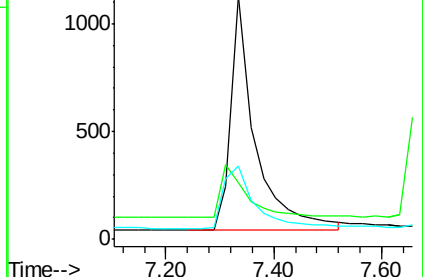
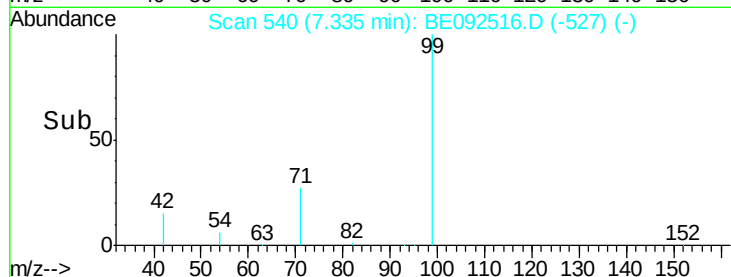
71 35.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE092516.D (-527) (-)

Ion 42.00 (41.70 to 42.70): BE092516.D (-527) (-)

Ion 71.00 (70.70 to 71.70): BE092516.D (-527) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Tgt Ion: 136 Resp: 131623

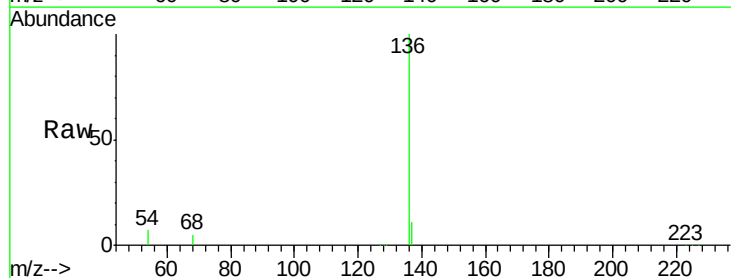
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.6 9.6 14.4#

68 5.1 6.7 10.1#

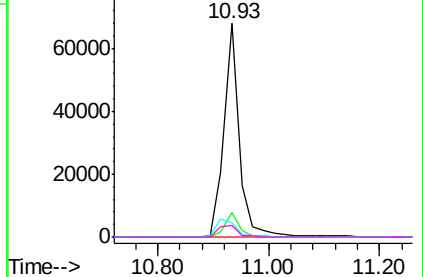
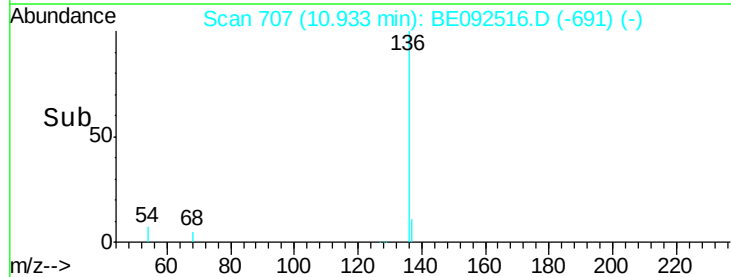


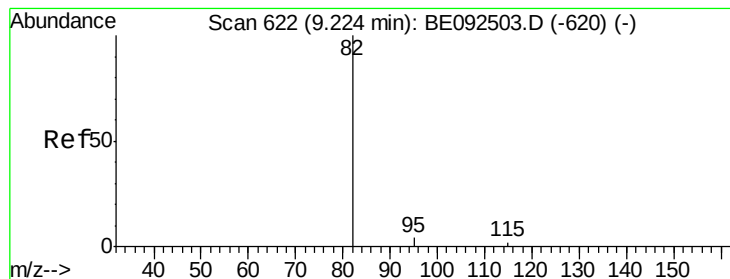
Abundance Ion 136.00 (135.70 to 136.70): BE092516.D (-691) (-)

Ion 137.00 (136.70 to 137.70): BE092516.D (-691) (-)

Ion 54.00 (53.70 to 54.70): BE092516.D (-691) (-)

Ion 68.00 (67.70 to 68.70): BE092516.D (-691) (-)





#8

Nitrobenzene-d5

Concen: 1.02 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

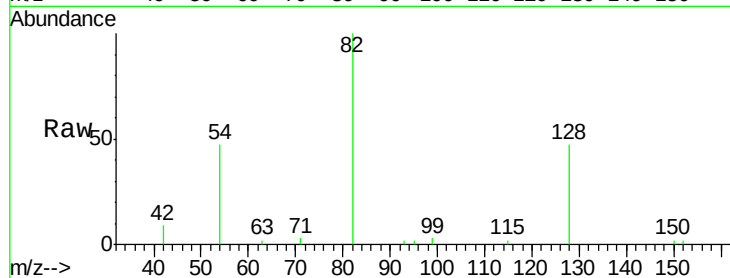
Tgt Ion: 82 Resp: 8838

Ion Ratio Lower Upper

82 100

128 47.4 39.0 58.4

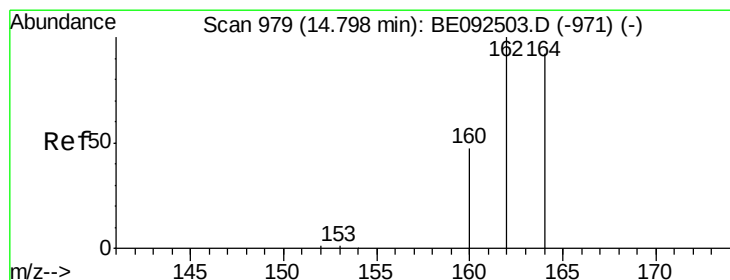
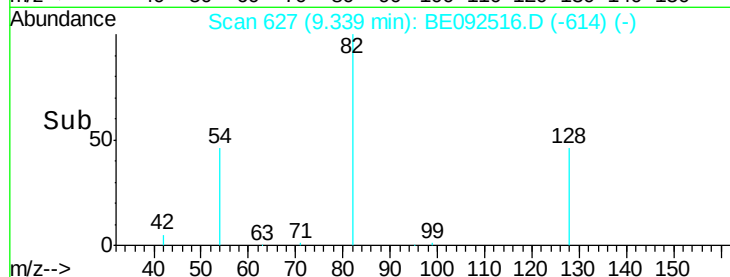
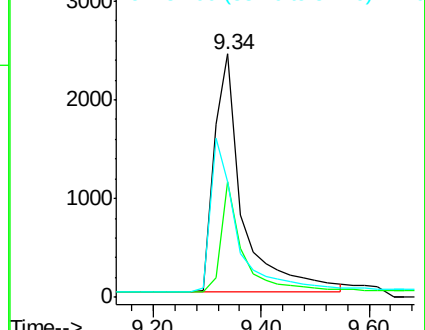
54 47.3 44.8 67.2



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

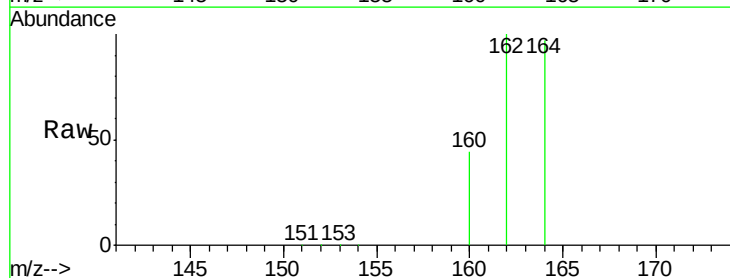
Tgt Ion: 164 Resp: 88915

Ion Ratio Lower Upper

164 100

162 103.6 71.4 107.0

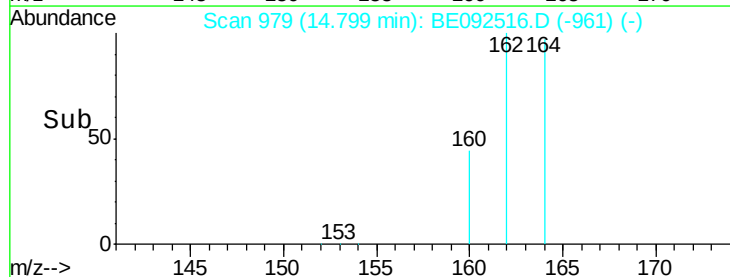
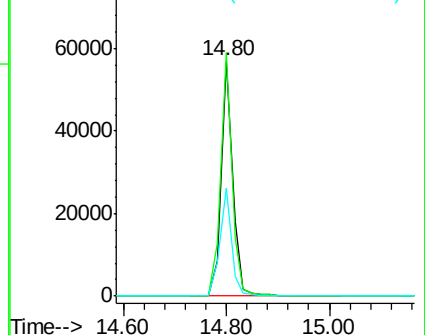
160 45.8 27.4 41.2

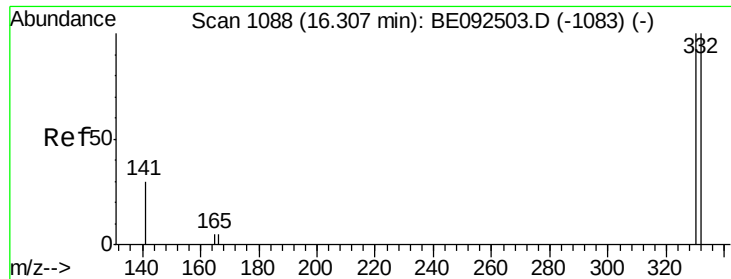


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

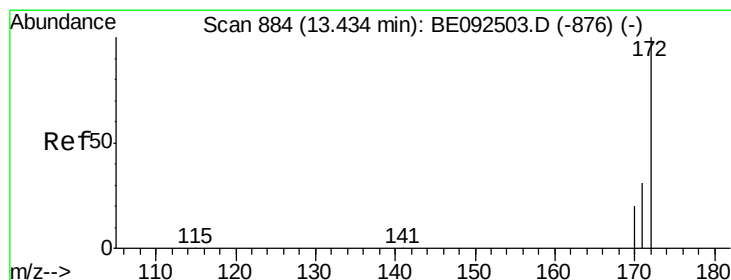
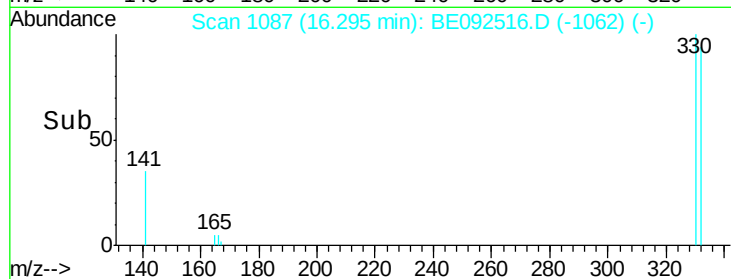
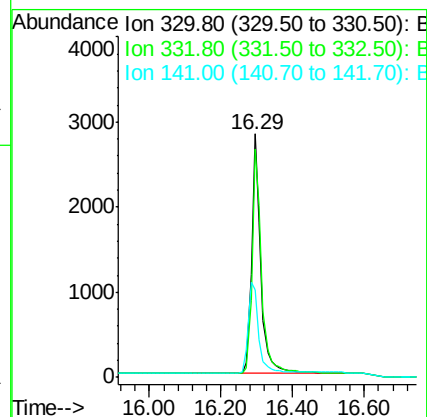
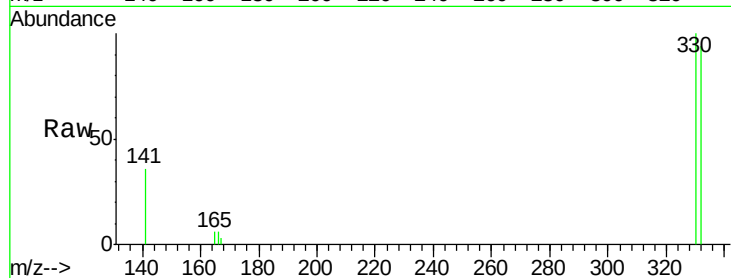




#13
 2,4,6-Tribromophenol
 Concen: 1.80 ng
 RT: 16.29 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092516.D
 Acq: 8 Nov 2016 19:39

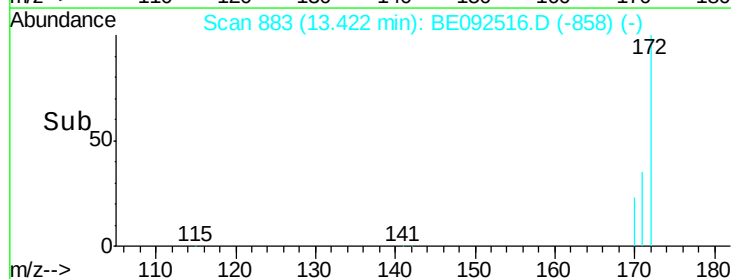
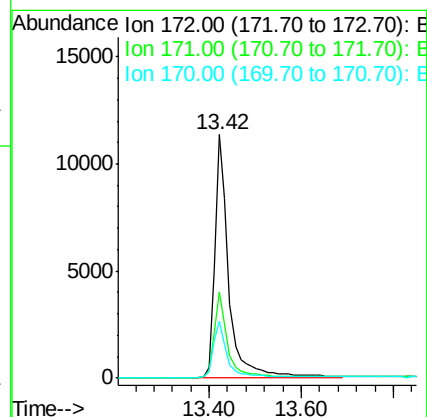
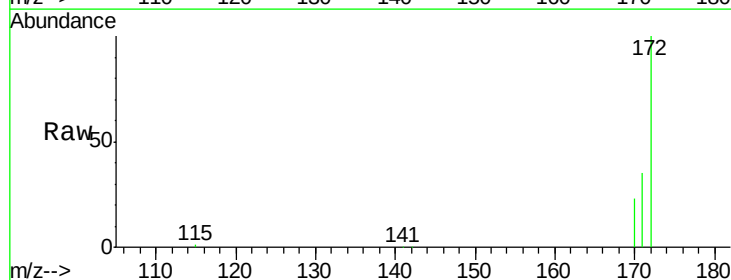
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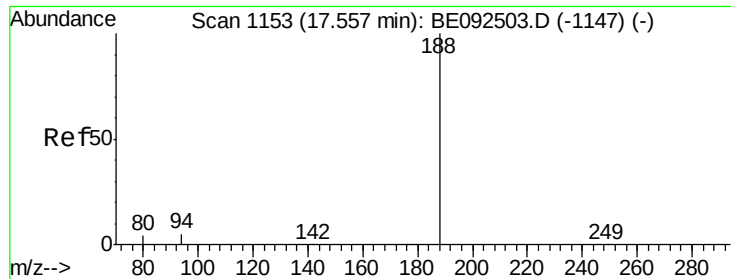
Tgt Ion:330 Resp: 5144
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 42.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 1.08 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092516.D
 Acq: 8 Nov 2016 19:39

Tgt Ion:172 Resp: 23735
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.1 45.1
 170 23.5 21.8 32.6

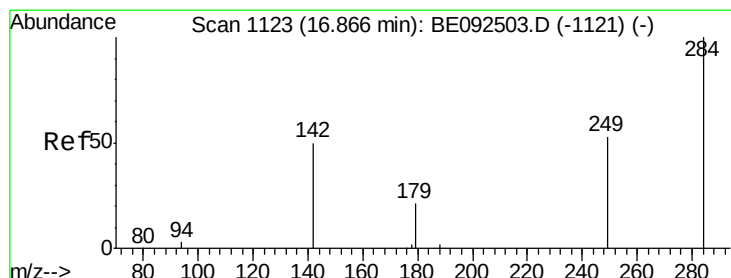
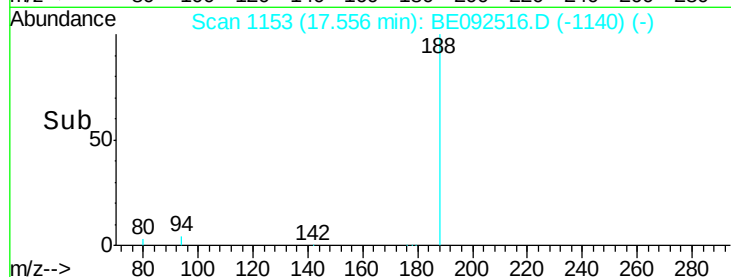
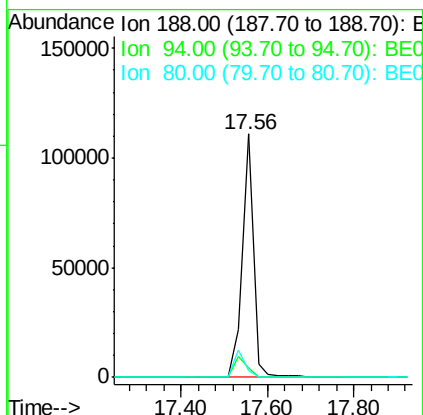
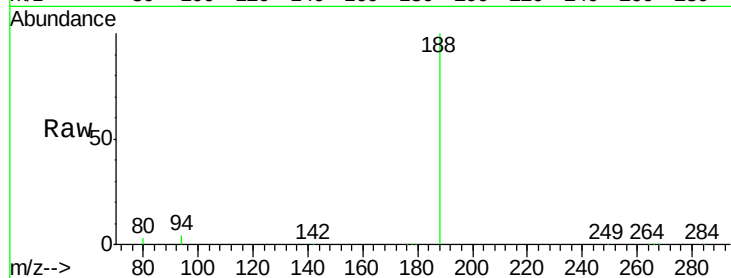




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

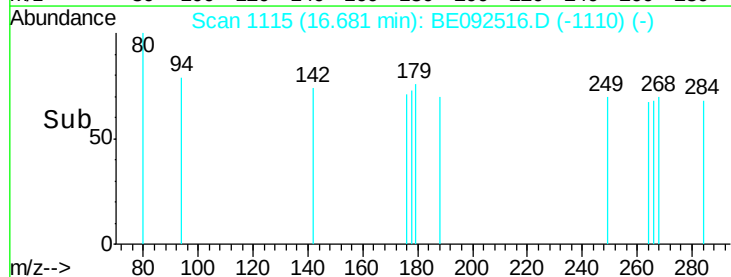
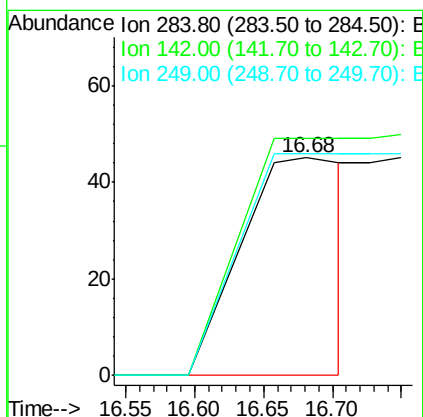
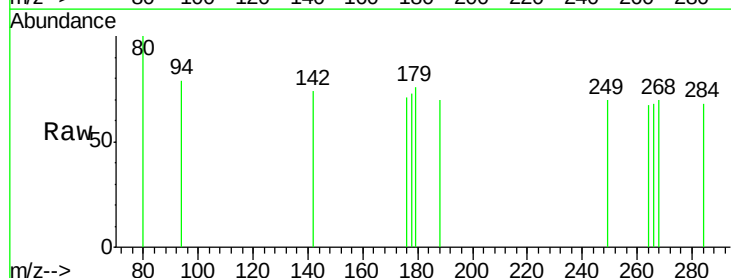
Instrument :
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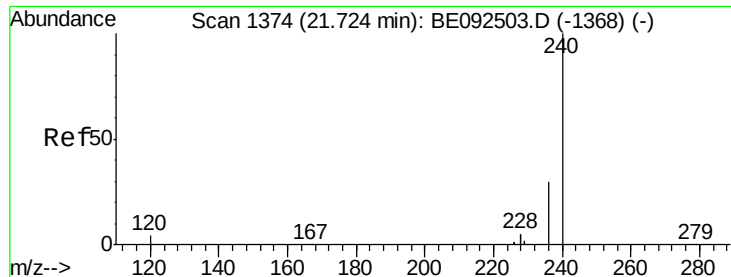
Tgt Ion:188 Resp: 196782
Ion Ratio Lower Upper
188 100
94 3.7 3.2 4.8
80 3.0 2.6 3.8



#19
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.68 min Scan# 1115
Delta R.T. -0.18 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

Tgt Ion:284 Resp: 288
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

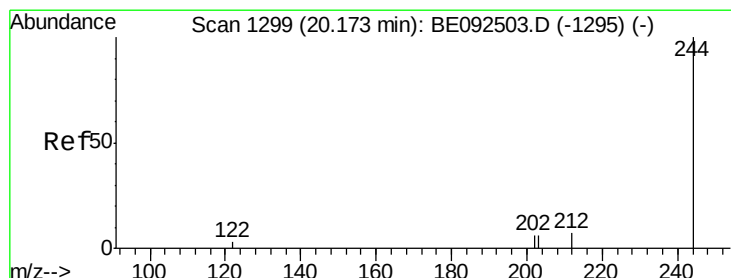
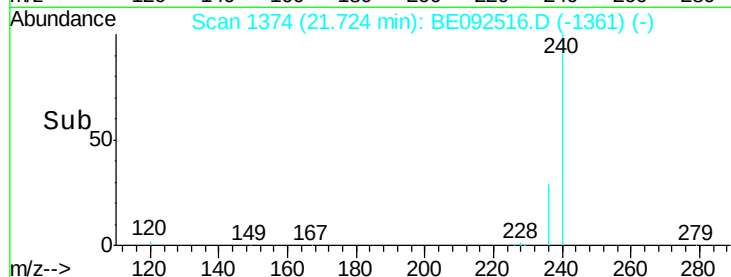
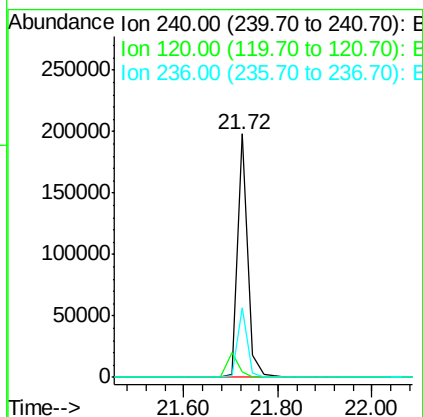
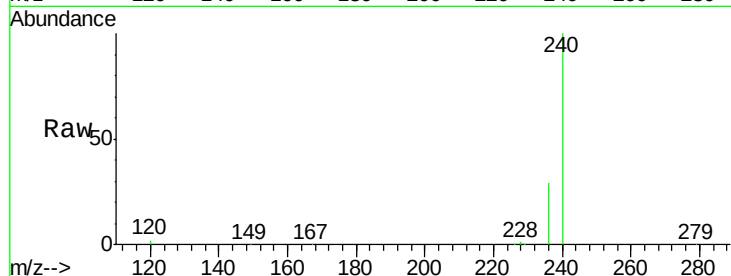




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092516.D
 Acq: 8 Nov 2016 19:39

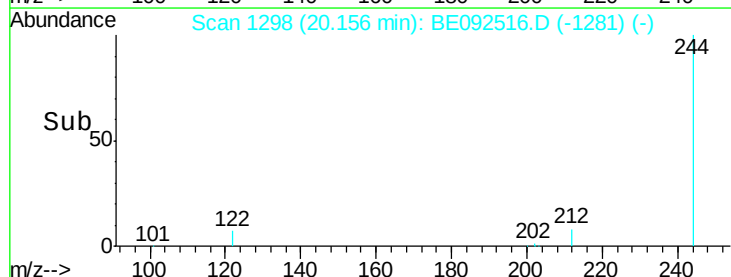
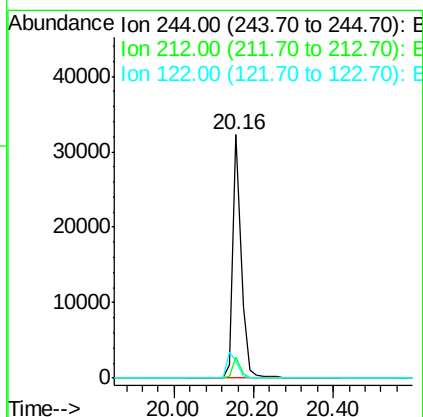
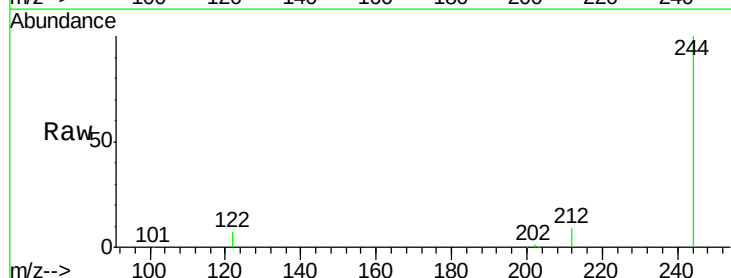
Instrument :
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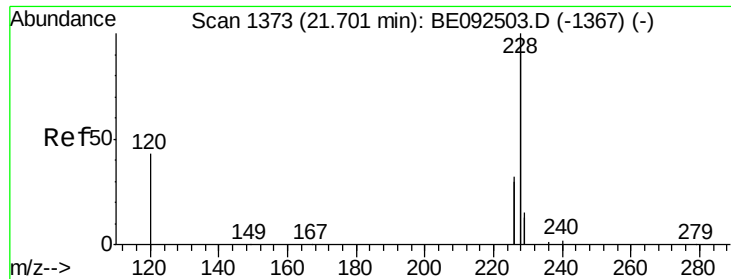
Tgt Ion:240 Resp: 305077
 Ion Ratio Lower Upper
 240 100
 120 2.2 2.6 4.0#
 236 28.6 24.6 37.0



#26
 Terphenyl-d14
 Concen: 1.26 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092516.D
 Acq: 8 Nov 2016 19:39

Tgt Ion:244 Resp: 46594
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 7.1 3.6 5.4#

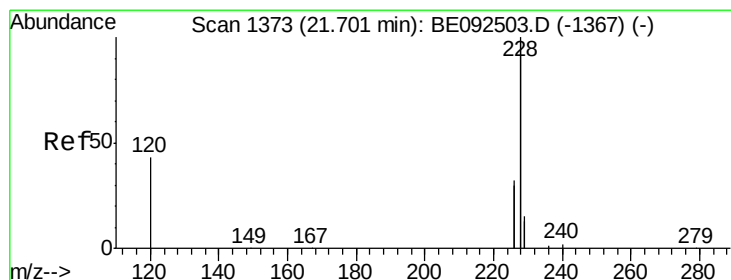
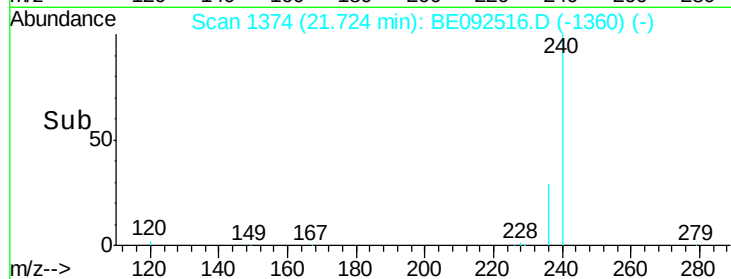
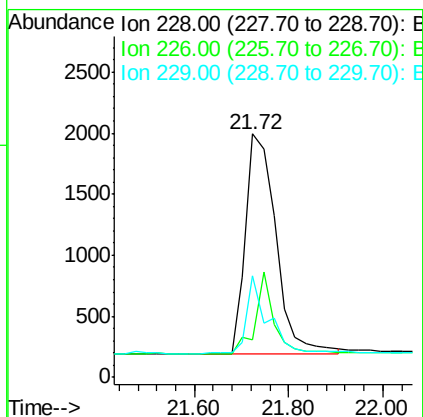
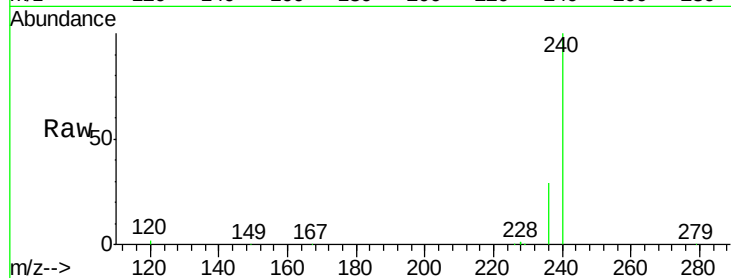




#27
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.02 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

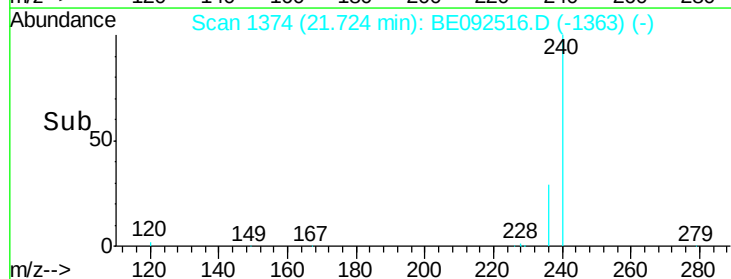
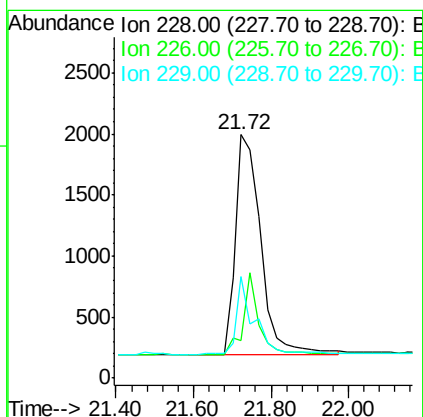
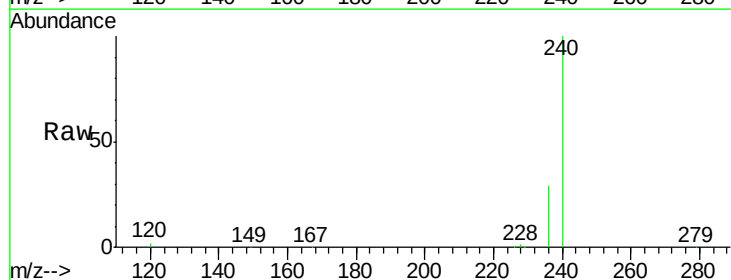
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161101

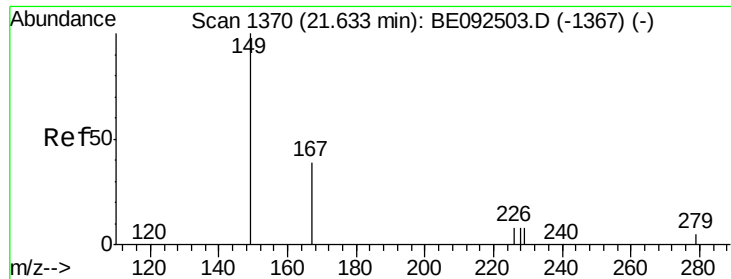
Tgt Ion:228 Resp: 8189
Ion Ratio Lower Upper
228 100
226 15.5 23.6 35.4#
229 41.8 13.3 19.9#



#28
Chrysene
Concen: Below Cal
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092516.D
Acq: 8 Nov 2016 19:39

Tgt Ion:228 Resp: 8325
Ion Ratio Lower Upper
228 100
226 15.5 36.3 54.5#
229 41.8 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

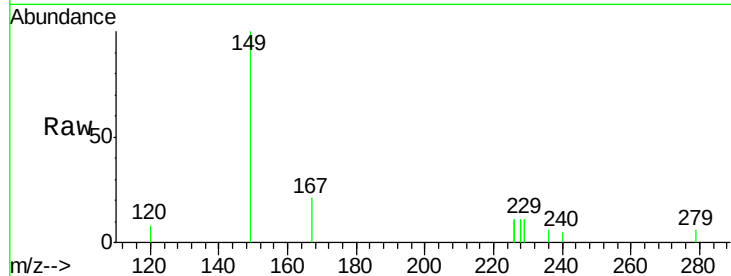
Tgt Ion:149 Resp: 1697

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

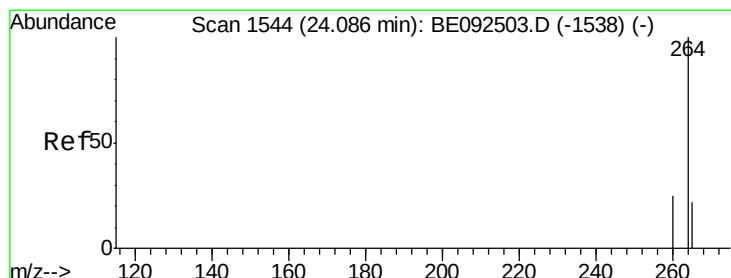
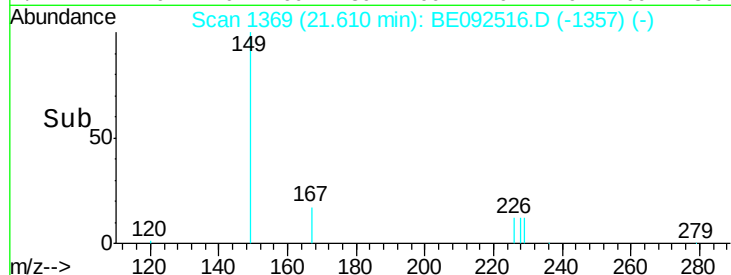
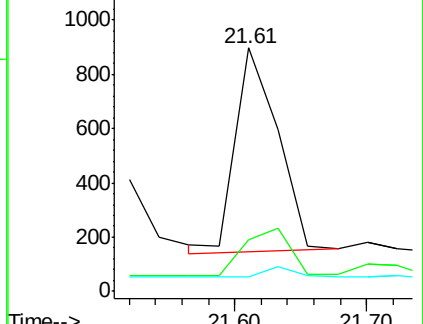
279 0.0 16.0 24.0#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

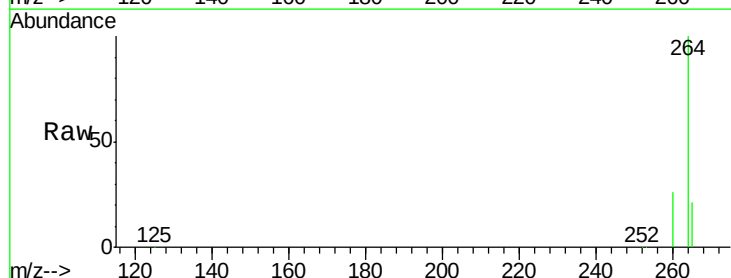
Tgt Ion:264 Resp: 285512

Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

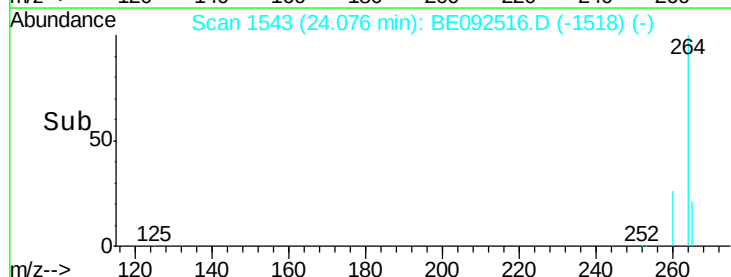
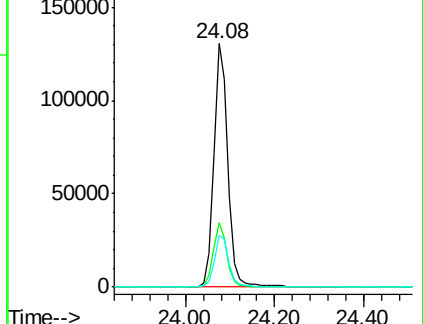
265 21.2 17.9 26.9

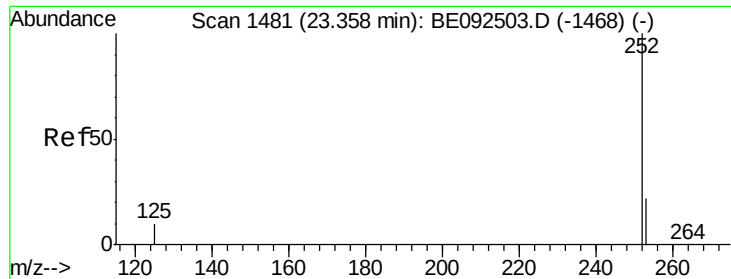


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#32

Benzo(b)fluoranthene

Concen: Below Cal

RT: 23.36 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

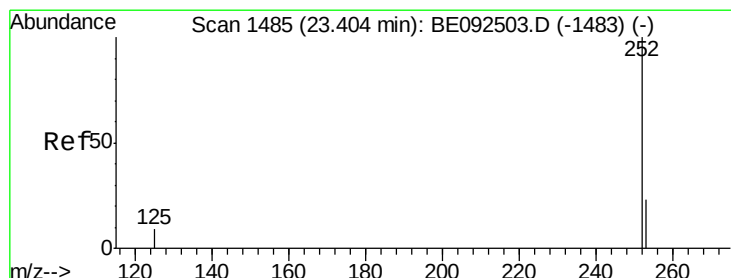
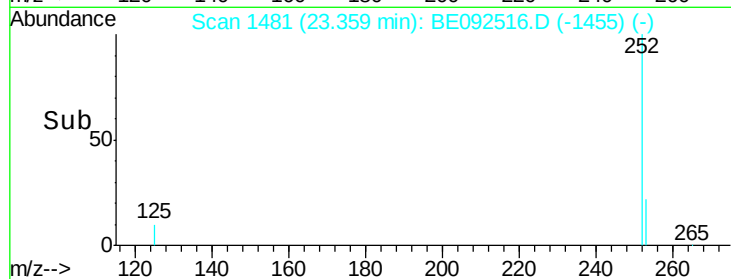
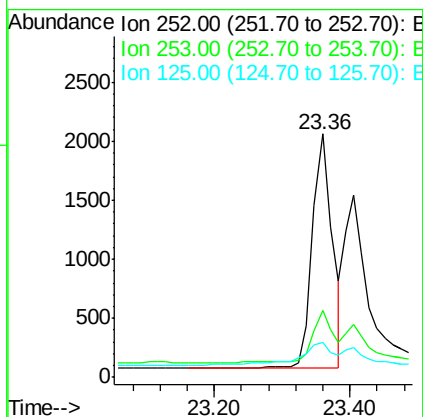
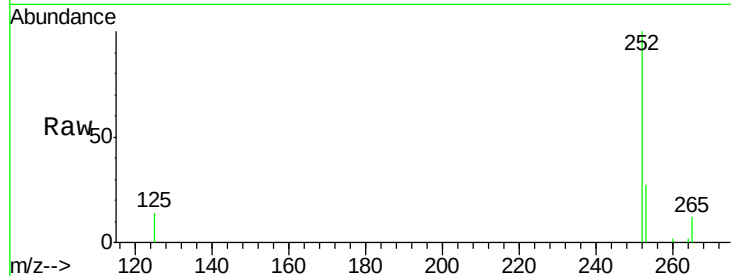
Tgt Ion:252 Resp: 3979

Ion Ratio Lower Upper

252 100

253 27.5 18.7 28.1

125 14.4 10.5 15.7



#33

Benzo(k)fluoranthene

Concen: Below Cal

RT: 23.36 min Scan# 1481

Delta R.T. -0.04 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Tgt Ion:252 Resp: 3979

Ion Ratio Lower Upper

252 100

253 27.5 20.3 30.5

125 14.4 9.6 14.4

