

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093468.D
 Acq On : 14 Jul 2017 12:54
 Operator : SJ/JU
 Sample : I4153-03
 Misc : L00 0.2 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 INFFLUENT-20170710

Quant Time: Jul 17 01:27:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

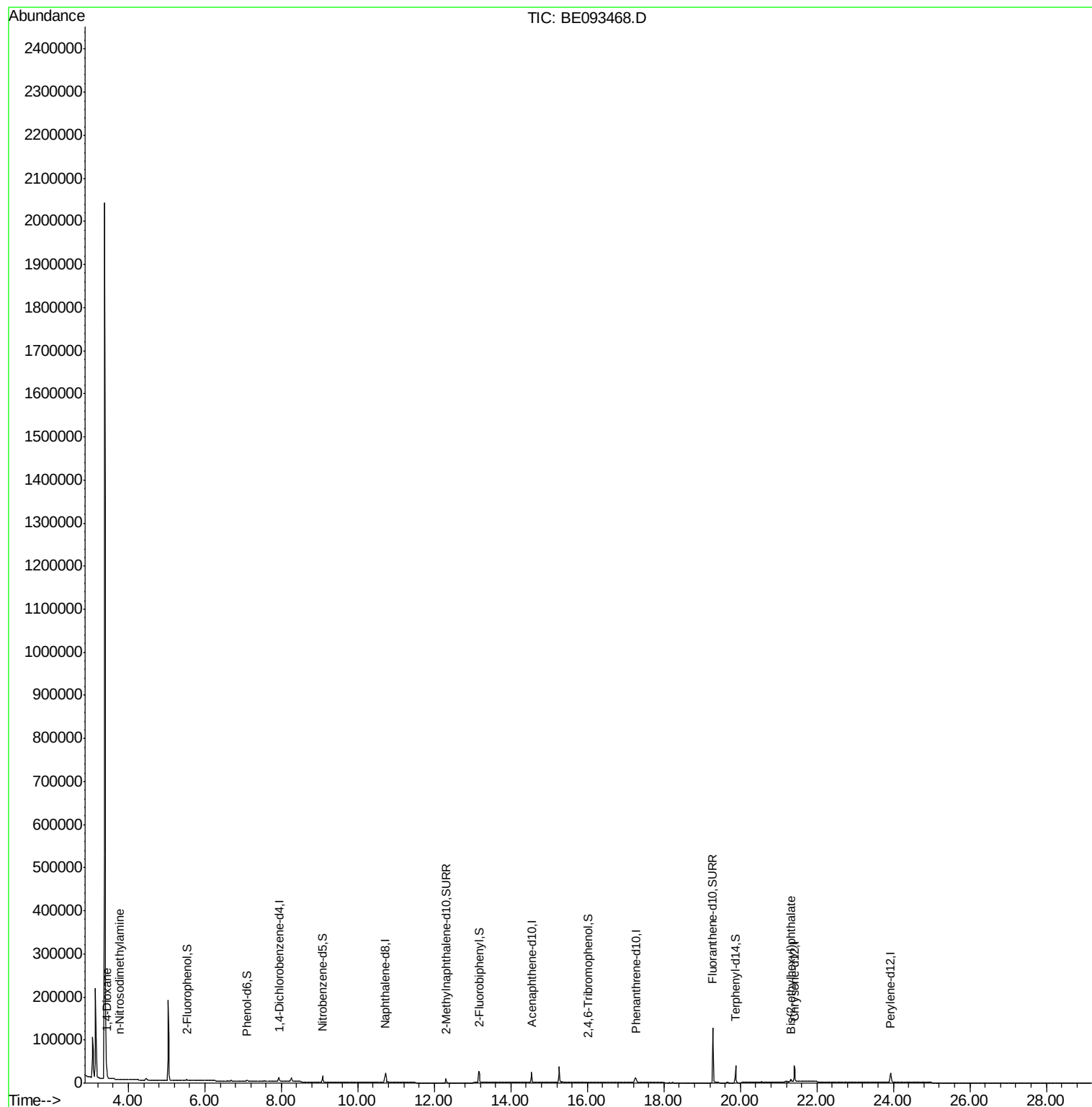
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4649	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	24168	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15169	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	27722	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39686	0.40	ng	-0.01
34) Perylene-d12	23.93	264	34067	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2175	0.16	ng	0.00
5) Phenol-d6	7.10	99	2048	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	5747	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	13700	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1209	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	27004	0.46	ng	-0.01
25) Fluoranthene-d10	19.28	212	164852	0.49	ng	0.00
29) Terphenyl-d14	19.87	244	33809	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	1848	0.188	ng	# 1
3) n-Nitrosodimethylamine	3.76	42	453	0.188	ng	# 1
22) Pentachlorophenol	16.91	266	51	Below Cal		94
32) Bis(2-ethylhexyl)phthalate	21.33	149	8661	0.056	ng	# 66

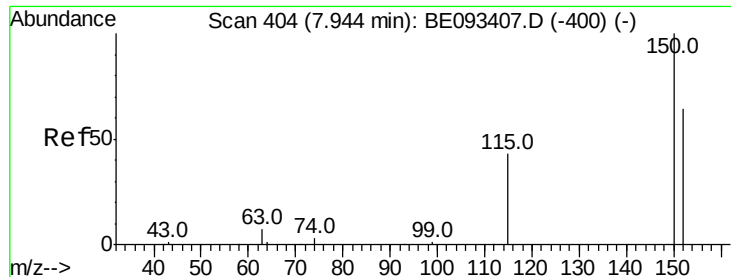
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFLUENT-20170710

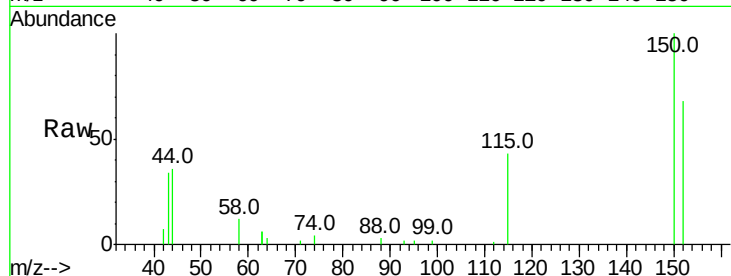
Tot Ion:152 Resp: 4649

Ion Ratio Lower Upper

152 100

150 147.7 125.1 187.7

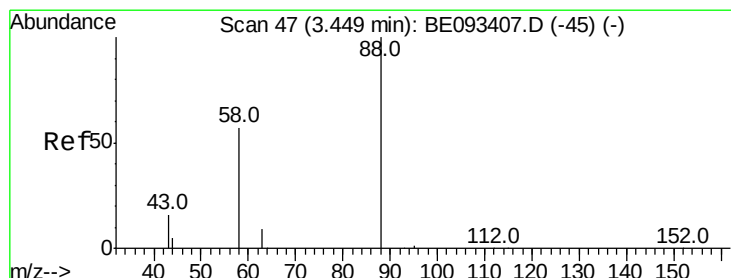
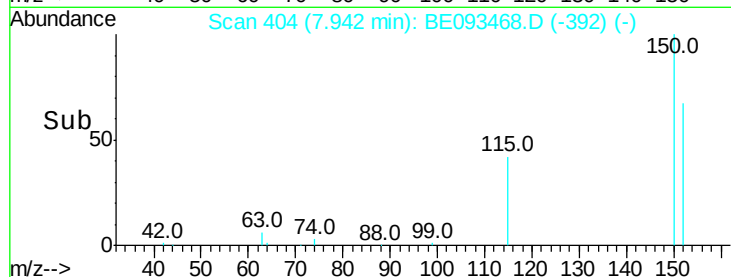
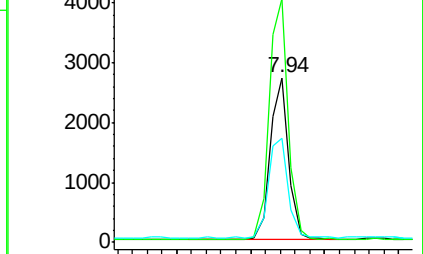
115 63.4 55.7 83.5



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: 0.188 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

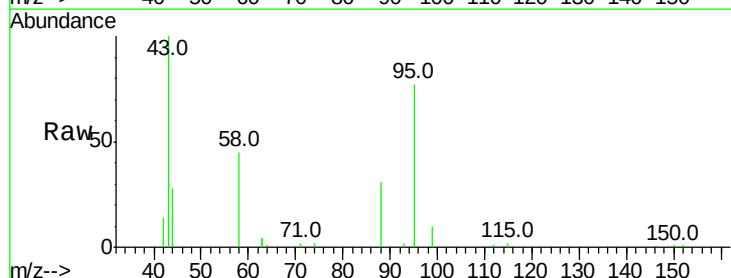
Tgt Ion: 88 Resp: 1848

Ion Ratio Lower Upper

88 100

58 107.7 62.2 93.4#

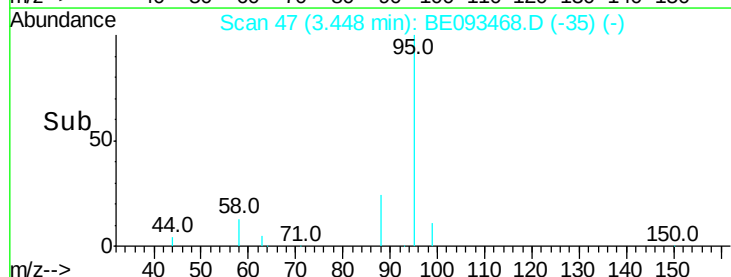
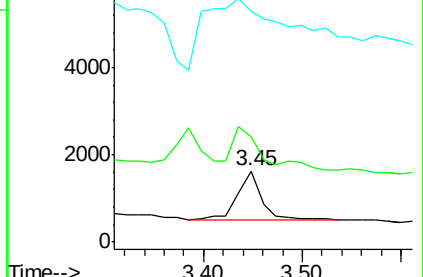
43 613.5 23.2 34.8#

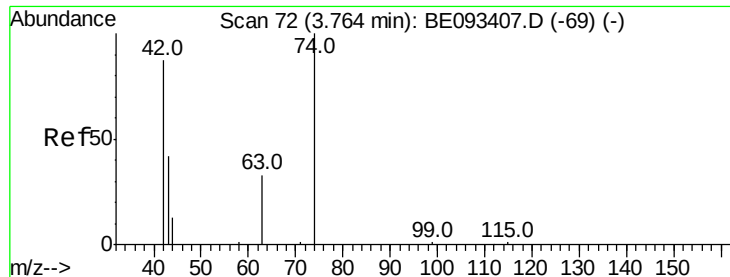


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.188 ng

RT: 3.76 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFFLUENT-20170710

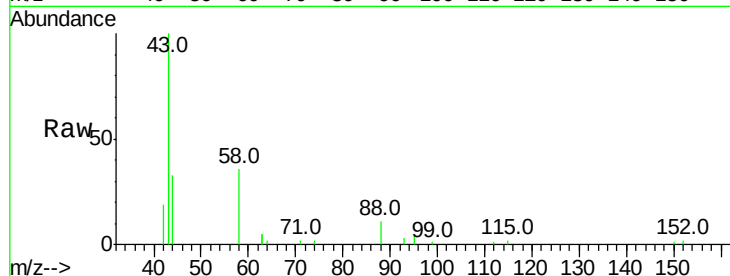
Tot Ion: 42 Resp: 453

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

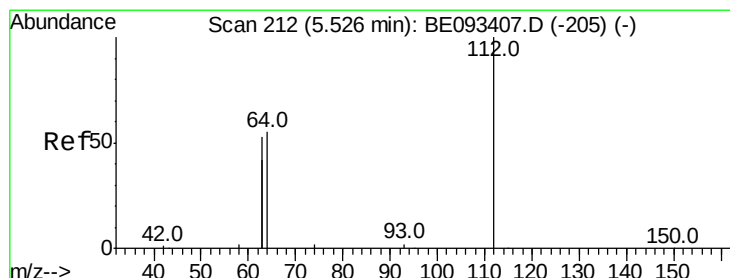
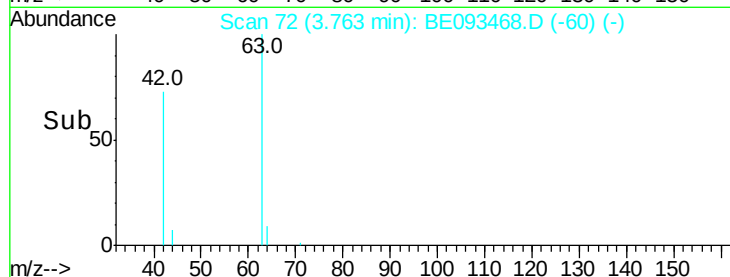
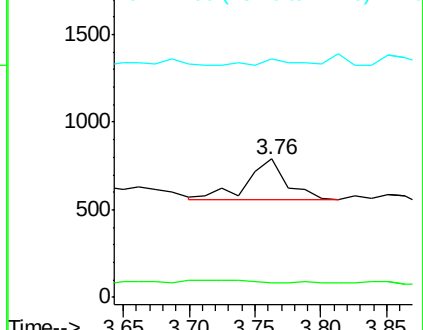
44 16.1 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

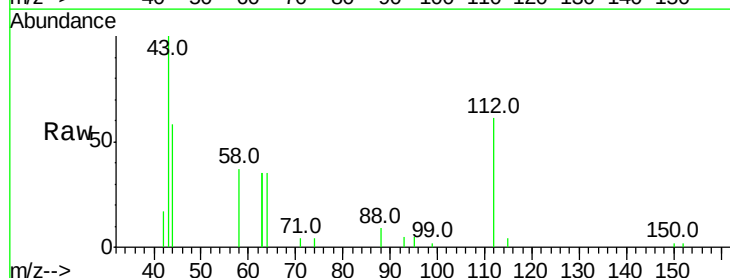
Tgt Ion: 112 Resp: 2175

Ion Ratio Lower Upper

112 100

64 70.0 56.4 84.6

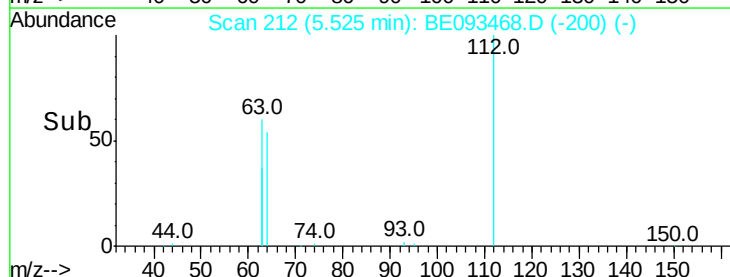
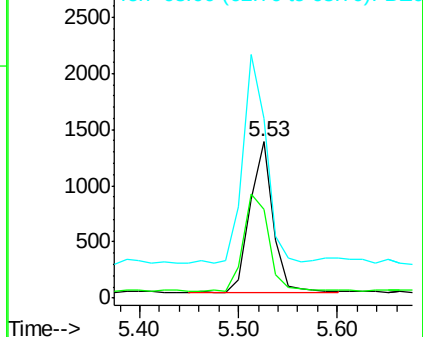
63 139.3 29.3 43.9#

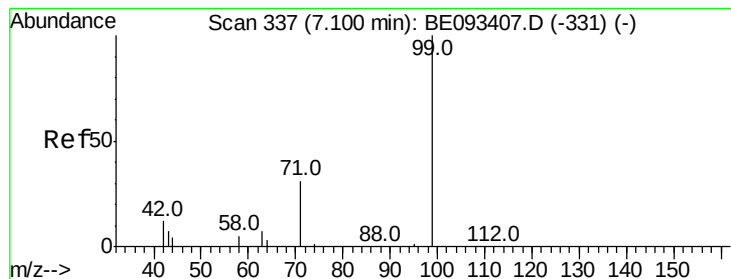


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.099 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFLUENT-20170710

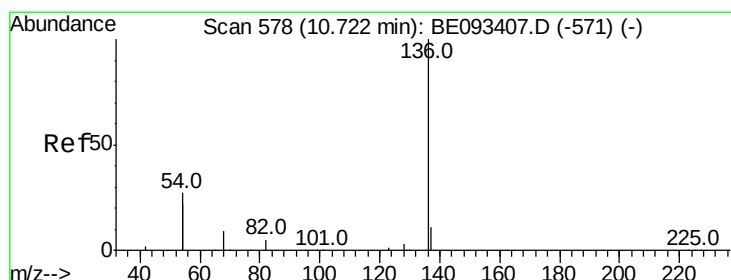
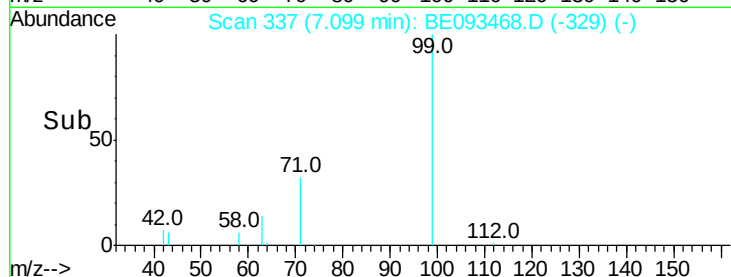
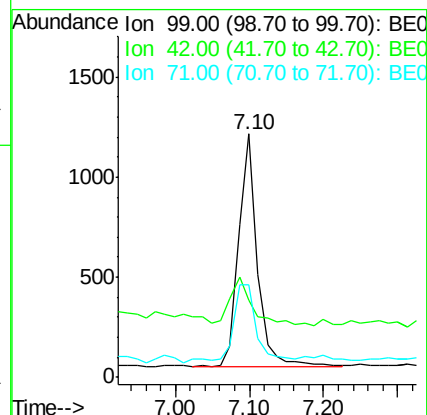
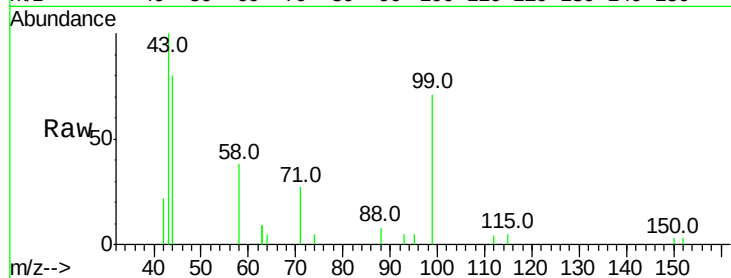
Tot Ion: 99 Resp: 2048

Ion Ratio Lower Upper

99 100

42 22.4 0.0 0.0#

71 37.8 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Tgt Ion: 136 Resp: 24168

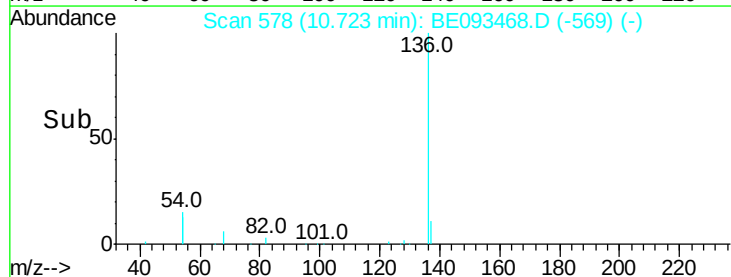
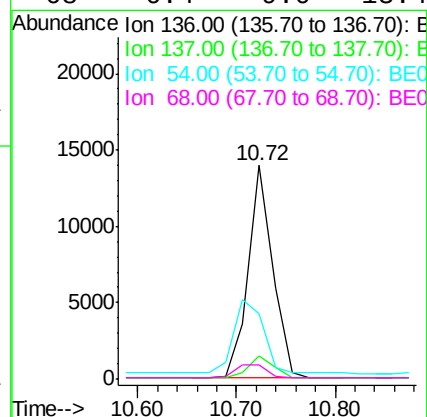
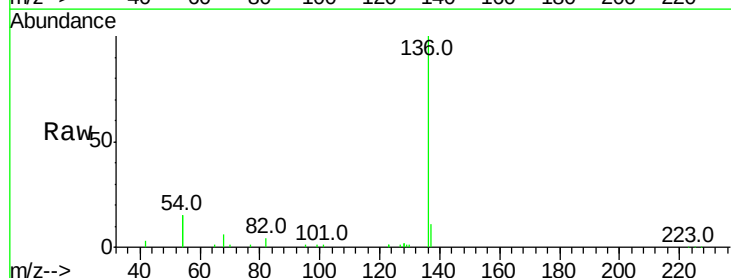
Ion Ratio Lower Upper

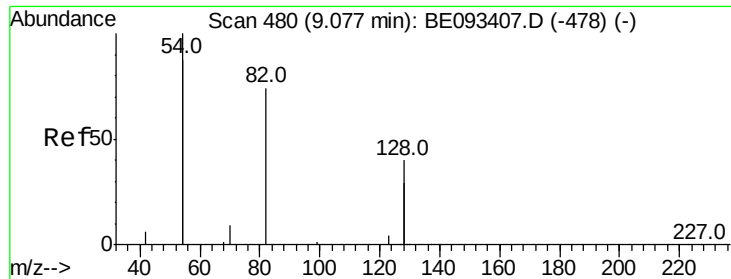
136 100

137 11.1 9.8 14.8

54 30.8 10.3 15.5#

68 6.4 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFLUENT-20170710

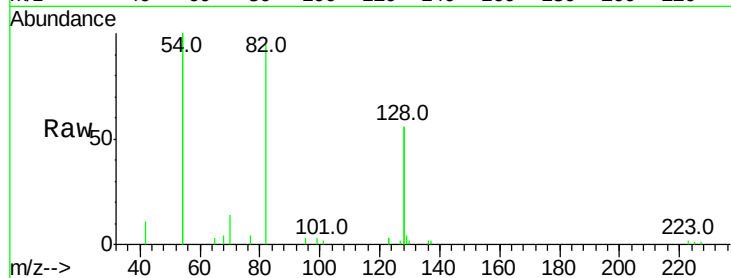
Tot Ion: 82 Resp: 5747

Ion Ratio Lower Upper

82 100

128 116.5 17.0 25.4#

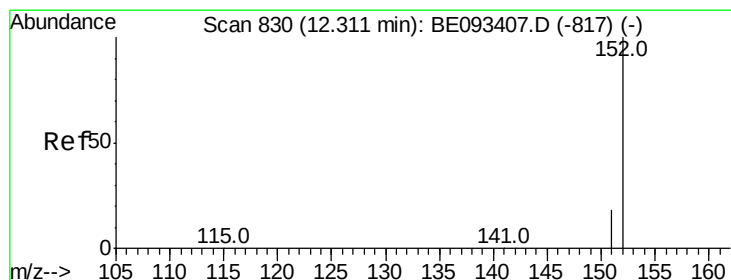
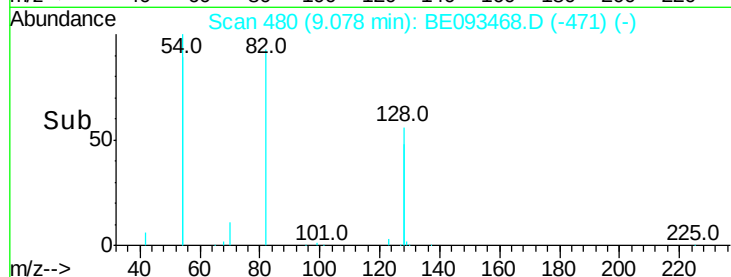
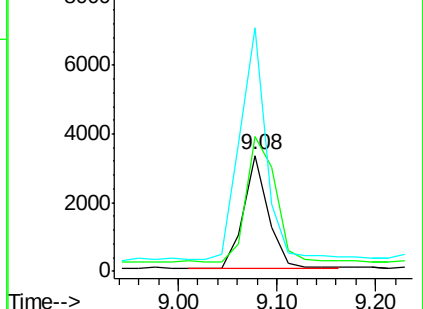
54 209.8 53.8 80.6#



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



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093468.D

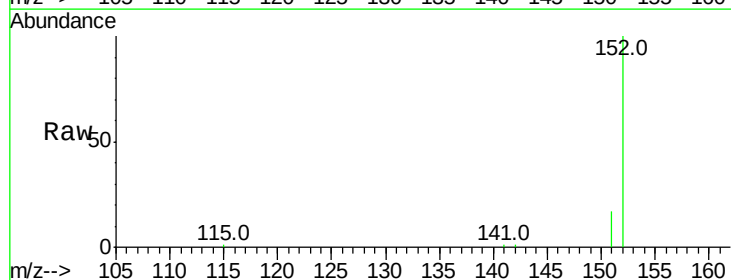
Acq: 14 Jul 2017 12:54

Tgt Ion: 152 Resp: 13700

Ion Ratio Lower Upper

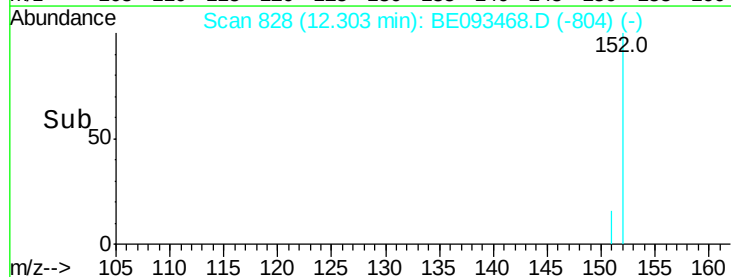
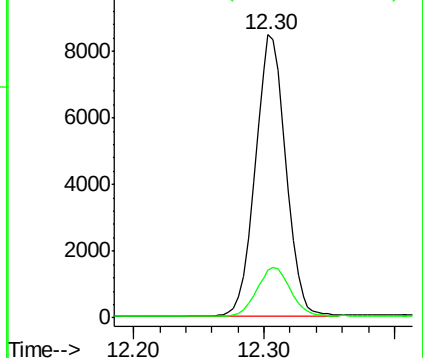
152 100

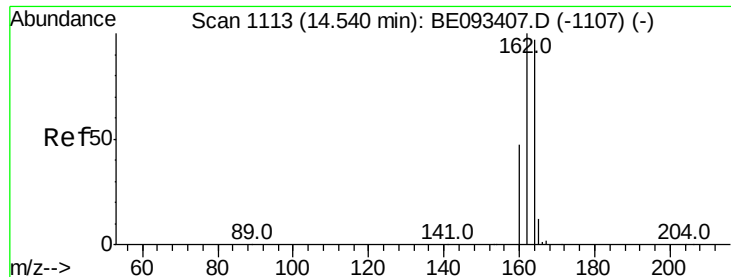
151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFLUENT-20170710

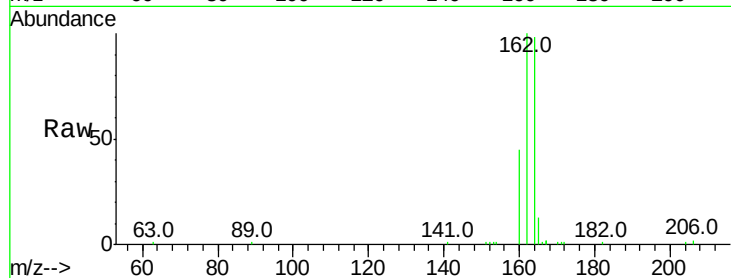
Tot Ion:164 Resp: 15169

Ion Ratio Lower Upper

164 100

162 101.8 84.6 127.0

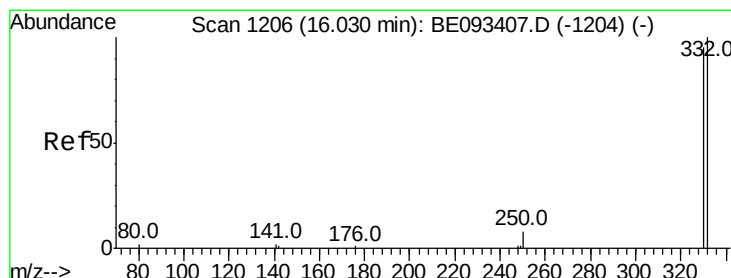
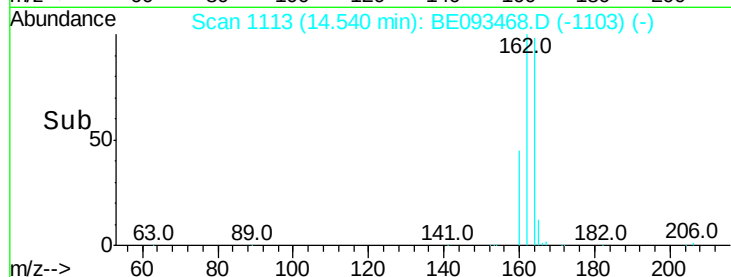
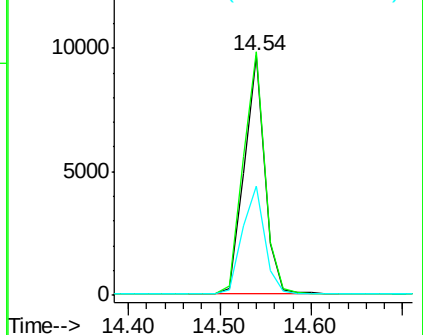
160 45.7 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.254 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

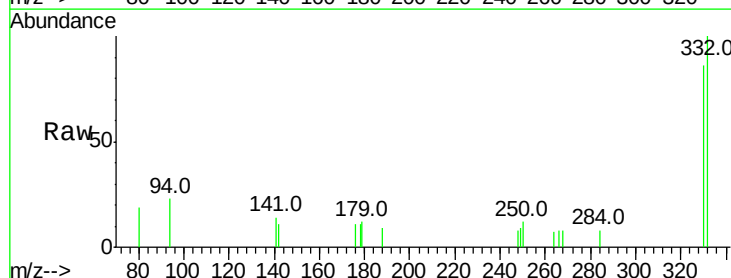
Tgt Ion:330 Resp: 1209

Ion Ratio Lower Upper

330 100

332 111.2 77.7 116.5

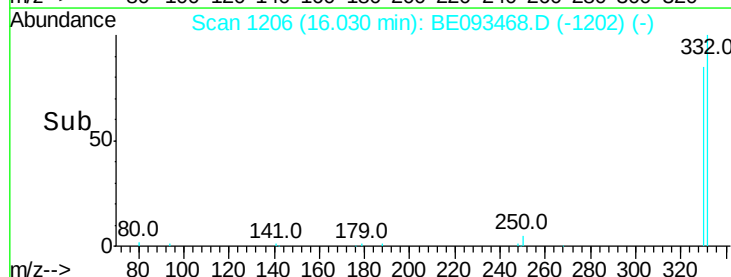
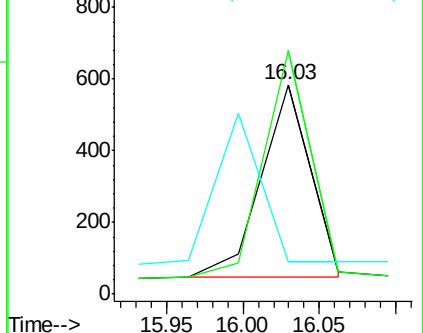
141 0.0 56.2 84.4#

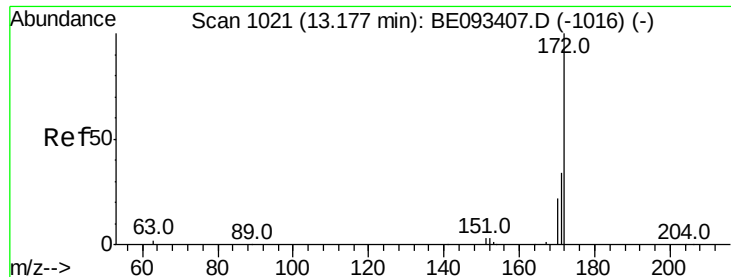


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

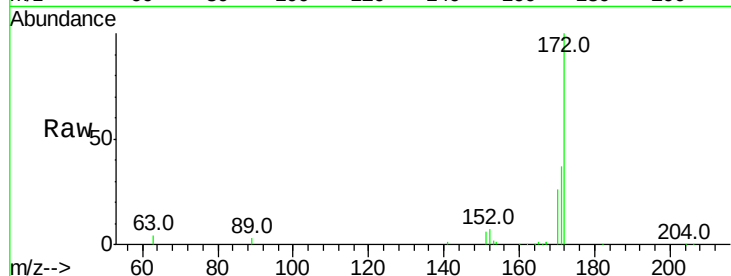




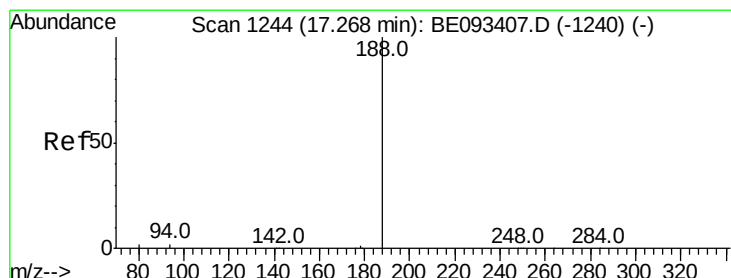
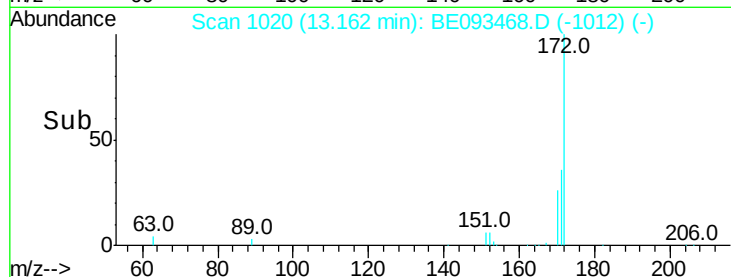
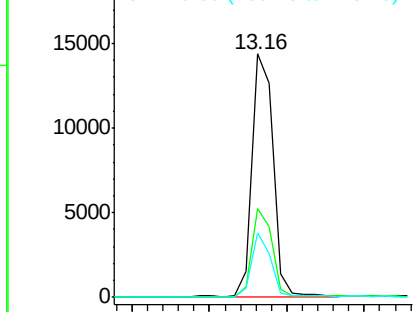
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093468.D
Acq: 14 Jul 2017 12:54

Instrument :
BNA_E
ClientSampleId :
INFLUENT-20170710

Tot Ion:172 Resp: 27004
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 26.2 20.7 31.1

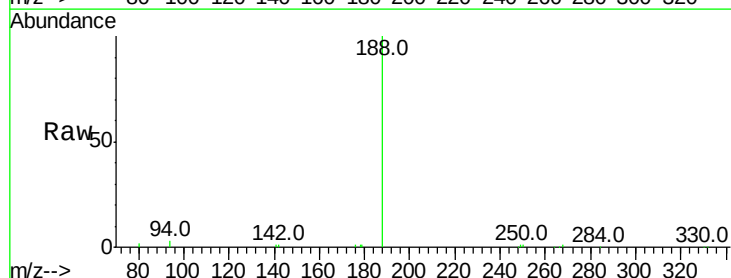


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

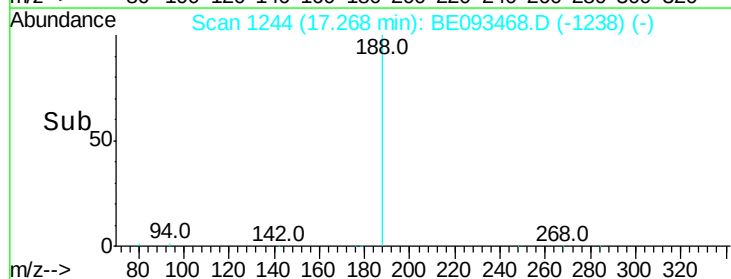
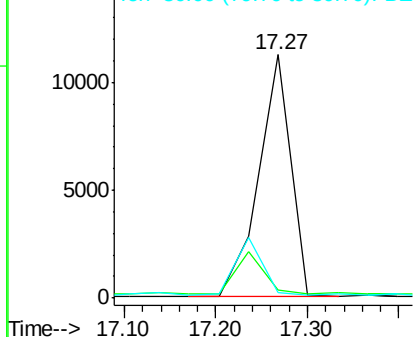


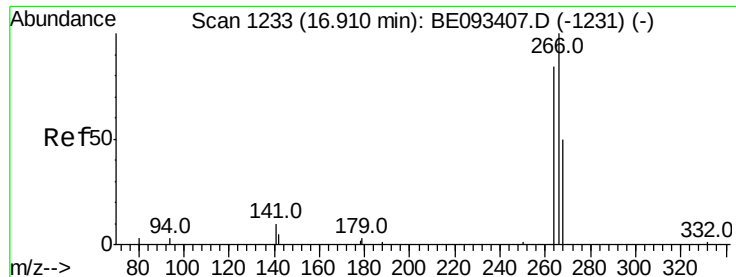
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093468.D
Acq: 14 Jul 2017 12:54

Tgt Ion:188 Resp: 27722
Ion Ratio Lower Upper
188 100
94 3.1 11.3 16.9#
80 2.2 11.7 17.5#



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





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFFLUENT-20170710

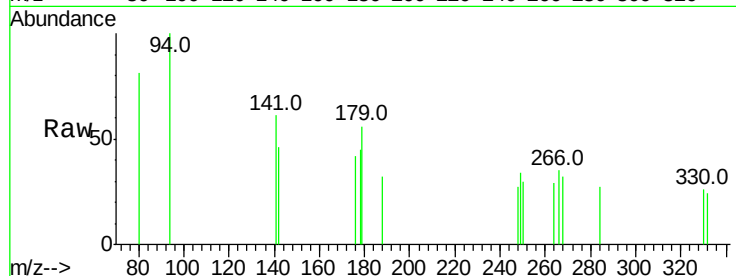
Tot Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

264 82.4 58.2 87.2

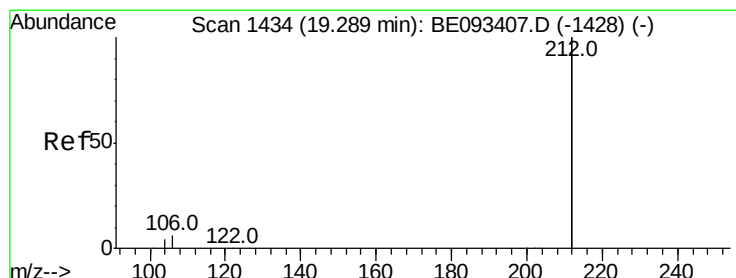
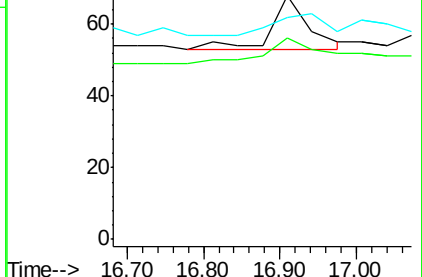
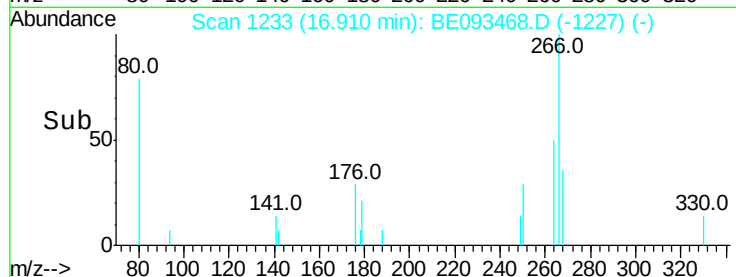
268 91.2 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.493 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

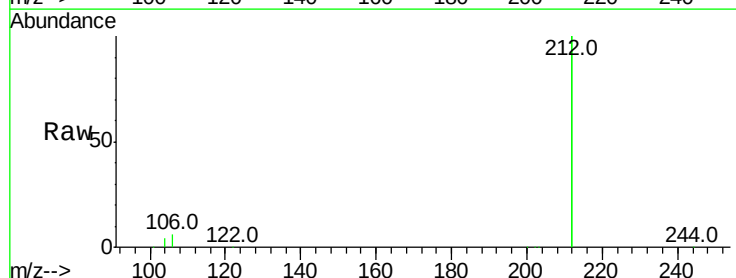
Tgt Ion:212 Resp: 164852

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

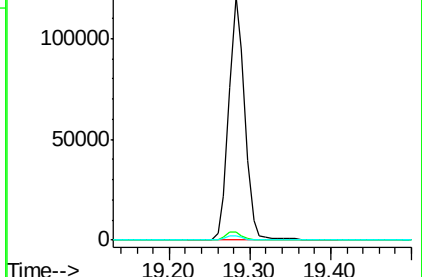
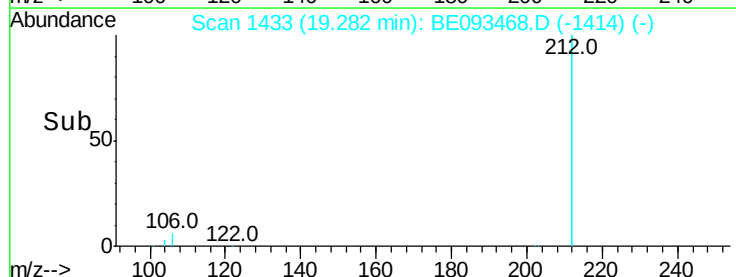
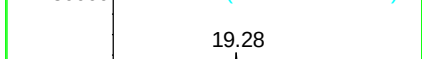
104 1.9 1.6 2.4

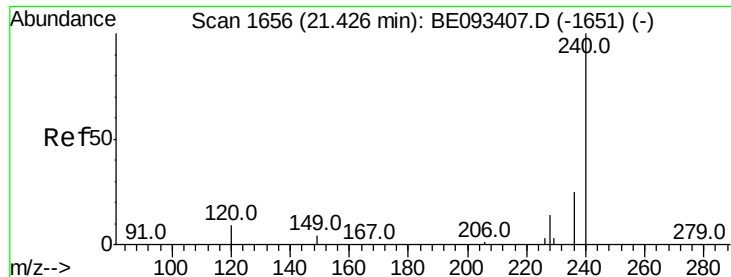


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA_E

ClientSampleId :

INFLUENT-20170710

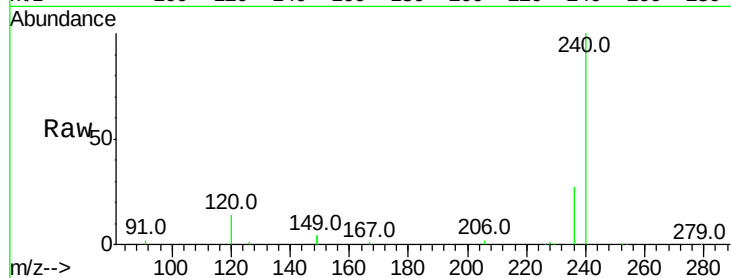
Tot Ion:240 Resp: 39686

Ion Ratio Lower Upper

240 100

120 13.7 4.6 7.0#

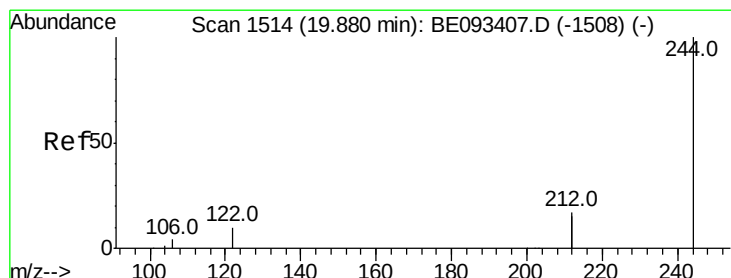
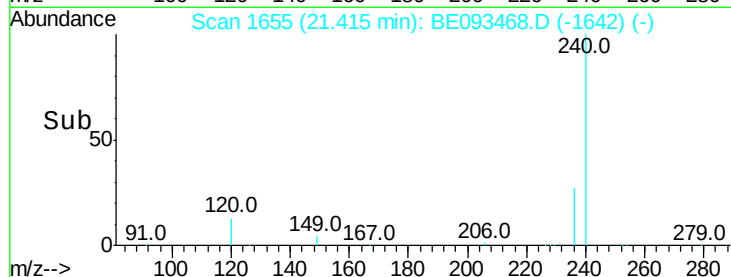
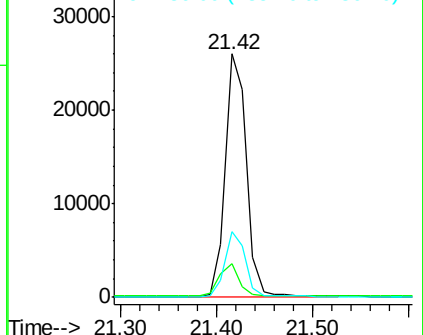
236 26.8 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

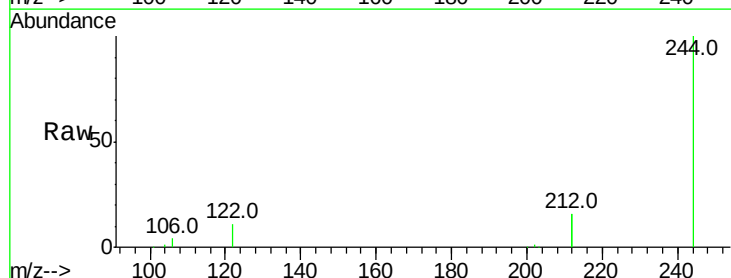
Tgt Ion:244 Resp: 33809

Ion Ratio Lower Upper

244 100

212 32.6 10.6 16.0#

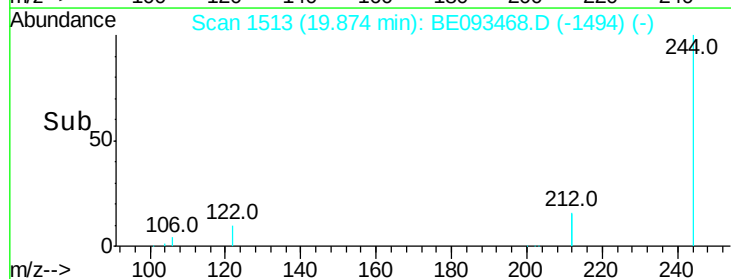
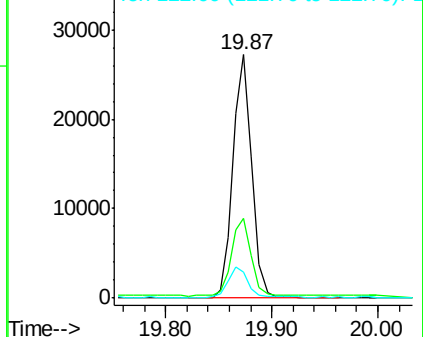
122 10.5 15.4 23.0#

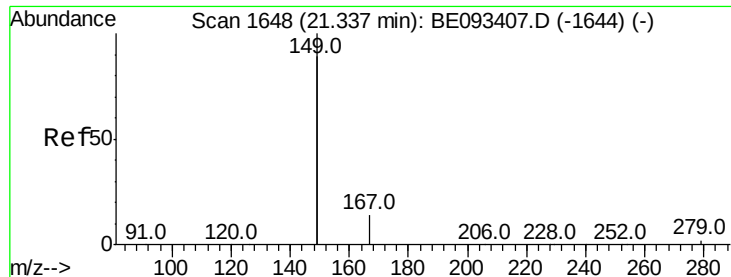


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

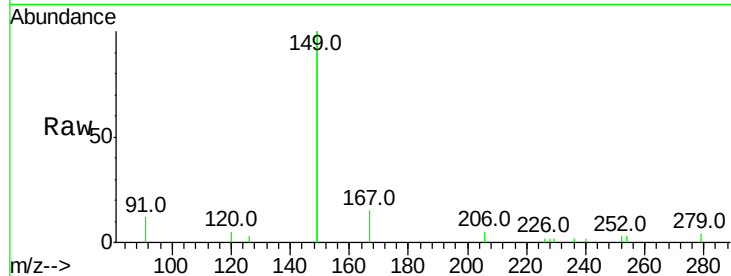




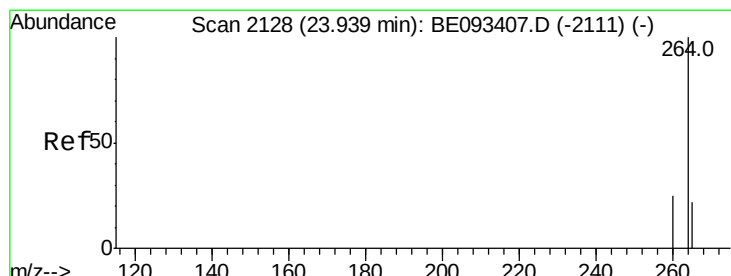
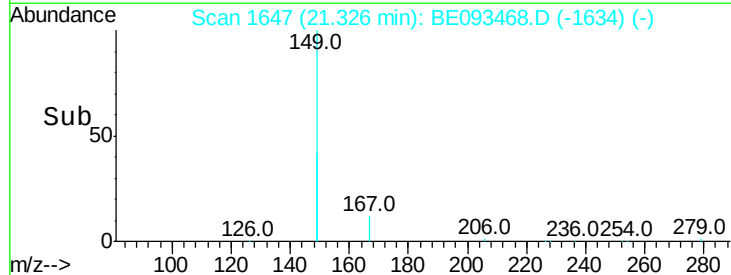
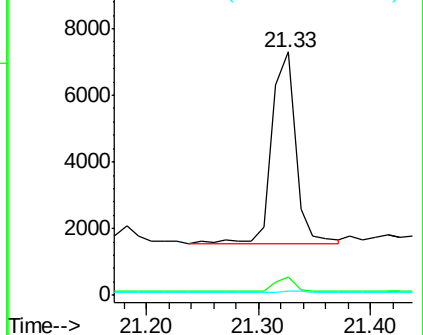
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093468.D
 Acq: 14 Jul 2017 12:54

Instrument :
 BNA_E
 ClientSampleId :
 INFFLUENT-20170710

Tot Ion:149 Resp: 8661
 Ion Ratio Lower Upper
 149 100
 167 6.4 20.1 30.1#
 279 1.2 2.2 3.4#

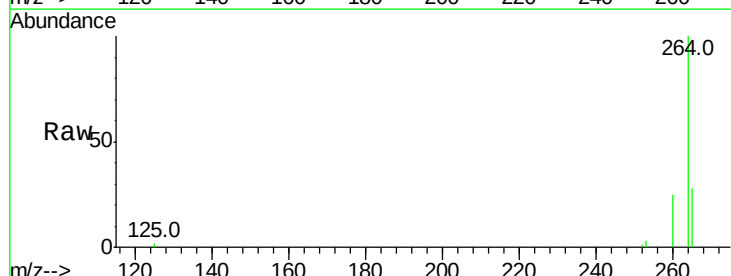


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093468.D
 Acq: 14 Jul 2017 12:54

Tgt Ion:264 Resp: 34067
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 27.6 24.6 36.8



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

