

Data File : BE093417.D
Acq On : 2 Jul 2017 17:05
Operator : SJ/JU
Sample : I3838-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170620

Quant Time: Jul 03 06:31:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 13:43:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3179	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	14447	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8893	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	25449	0.40	ng	0.00
27) Chrysene-d12	21.43	240	32633	0.40	ng	0.00
34) Perylene-d12	23.93	264	27325	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1416	0.15	ng	0.00
5) Phenol-d6	7.10	99	1245	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	3568	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	7951	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	904	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	14612	0.42	ng	0.00
25) Fluoranthene-d10	19.29	212	116481	0.38	ng	0.00
29) Terphenyl-d14	19.88	244	23861	0.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	216	0.03	ng	# 1
3) n-Nitrosodimethylamine	3.74	42	226	0.17	ng	# 14
9) Naphthalene	10.77	128	11101	0.07	ng	# 75
22) Pentachlorophenol	16.91	266	16	Below Cal		# 85
32) Bis(2-ethylhexyl)phthalate	21.33	149	12238	0.10	ng	# 67

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

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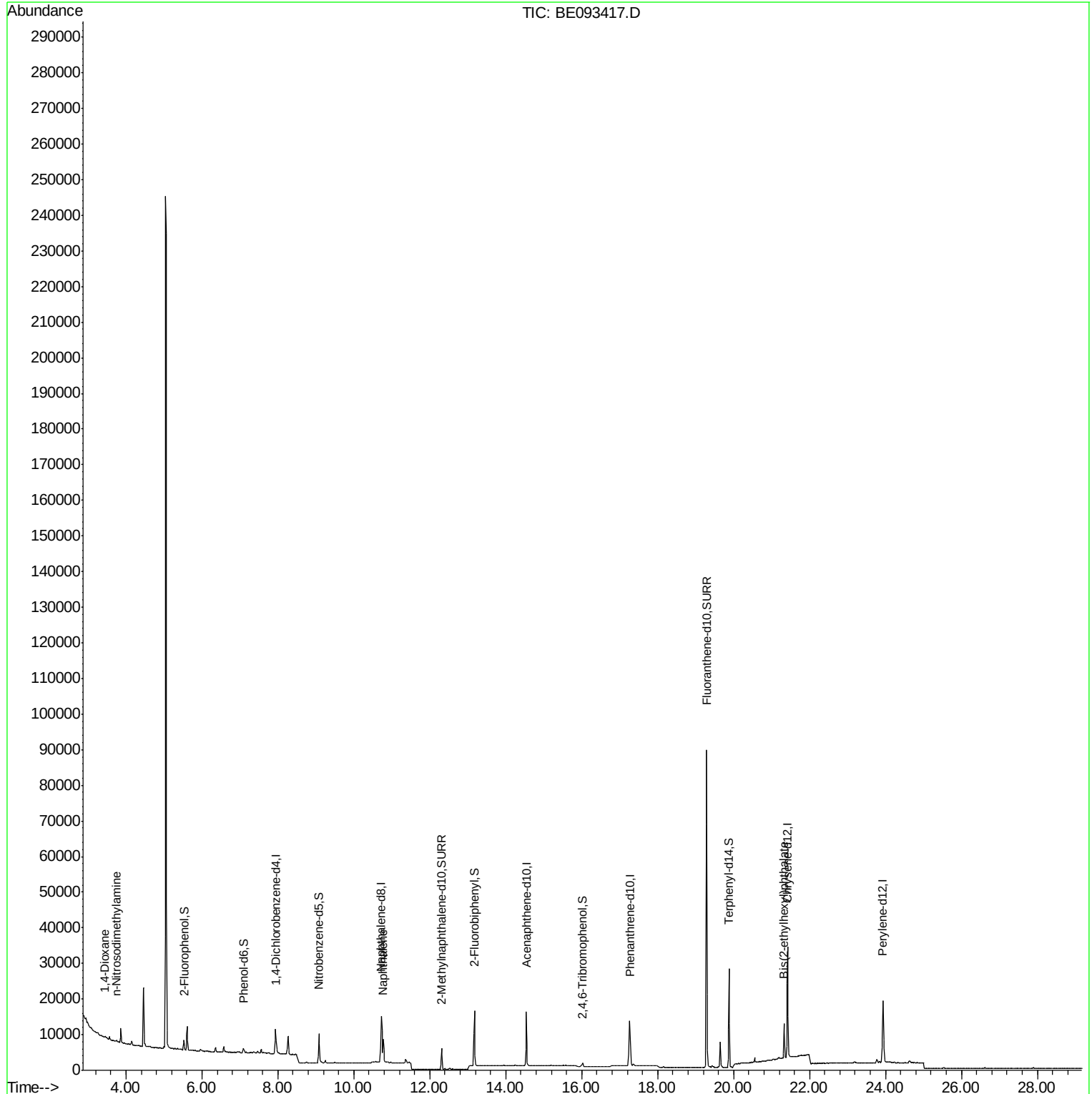
Quant Time: Jul 03 06:31:08 2017

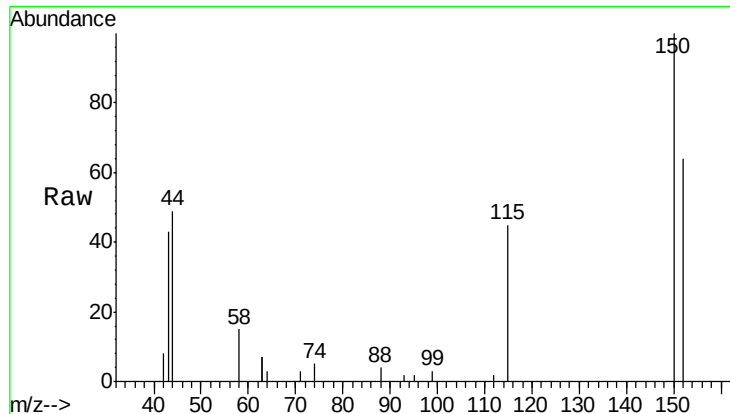
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M

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Response via : Initial Calibration

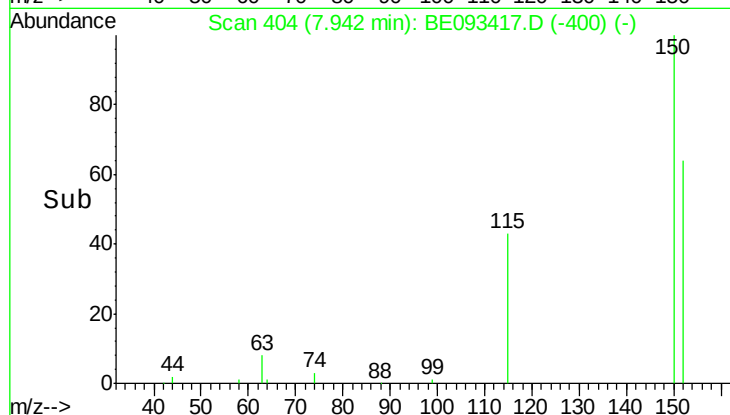




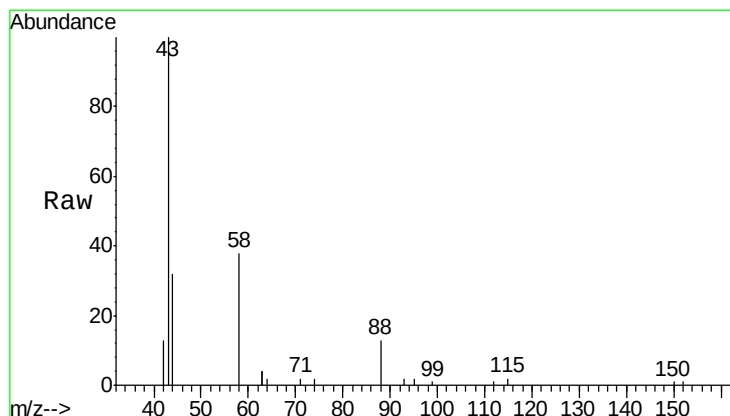
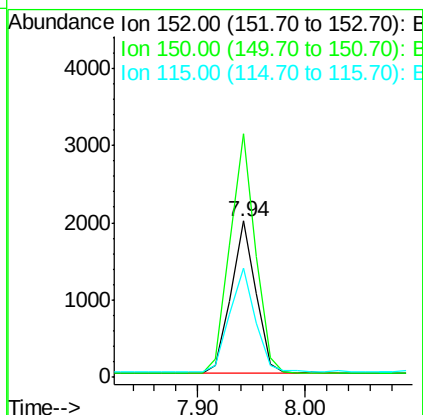
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

Tgt Ion:152 Resp: 3179
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.1 187.7
 115 70.1 55.7 83.5

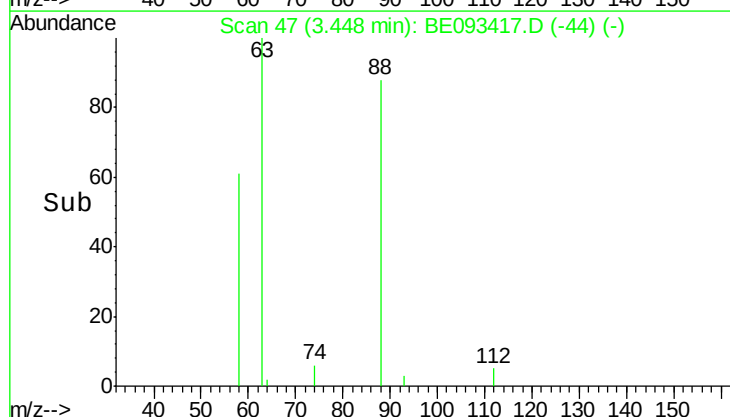


Scan 404 (7.942 min): BE093417.D (-400) (-)

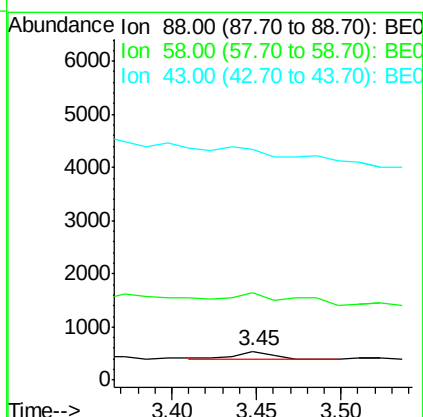


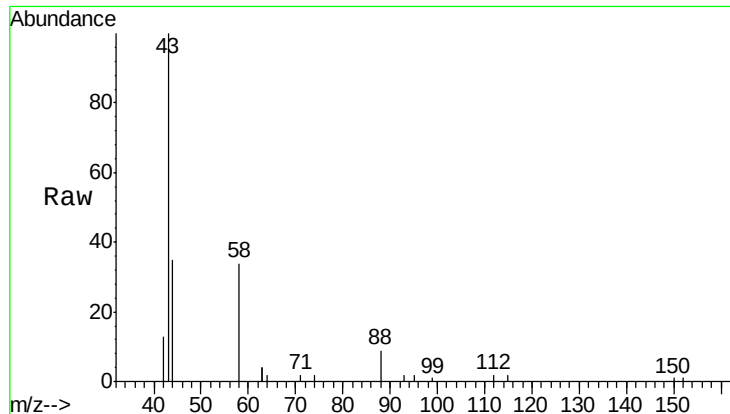
#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.45 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion: 88 Resp: 216
 Ion Ratio Lower Upper
 88 100
 58 312.5 62.2 93.4#
 43 0.0 23.2 34.8#



Scan 47 (3.448 min): BE093417.D (-44) (-)

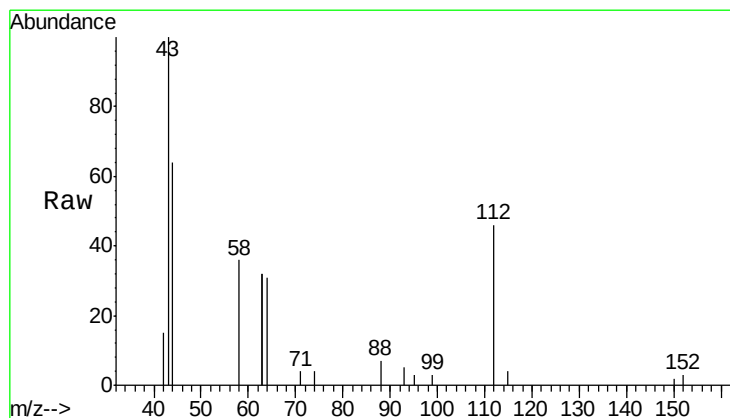
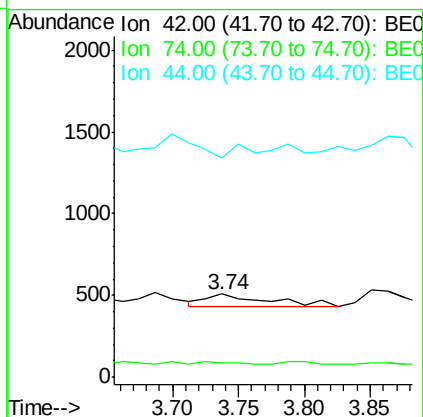
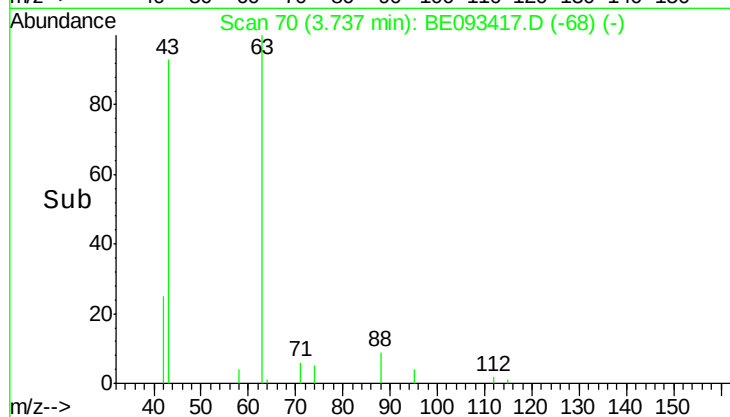




#3
 n-Nitrosodimethylamine
 Concen: 0.17 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.03 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

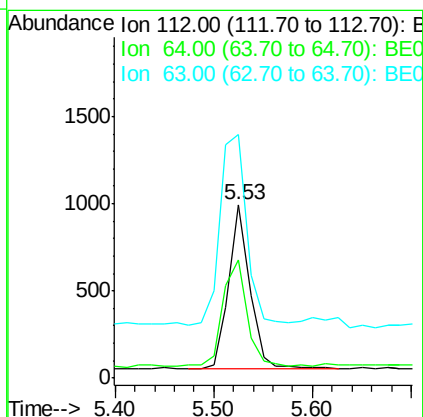
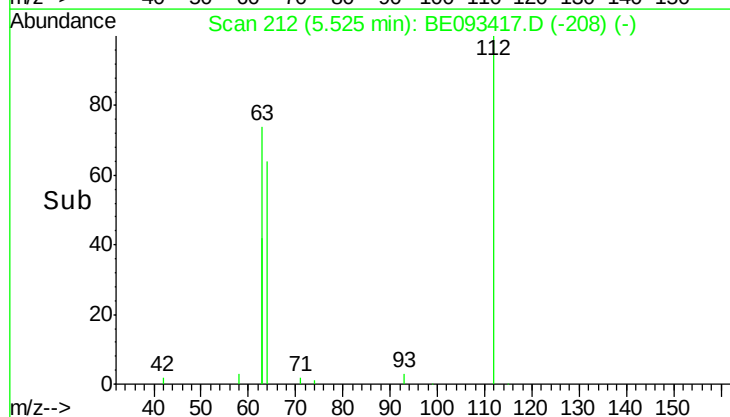
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

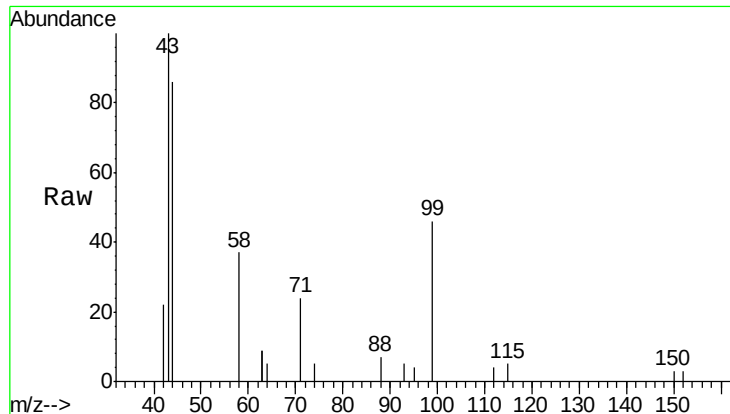
Tgt Ion: 42 Resp: 226
 Ion Ratio Lower Upper
 42 100
 74 21.7 99.1 148.7#
 44 0.0 7.4 11.2#



#4
 2-Fluorophenol
 Concen: 0.15 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion: 112 Resp: 1416
 Ion Ratio Lower Upper
 112 100
 64 74.4 56.4 84.6
 63 142.9 29.3 43.9#





#5

Phenol-d6

Concen: 0.09 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170620

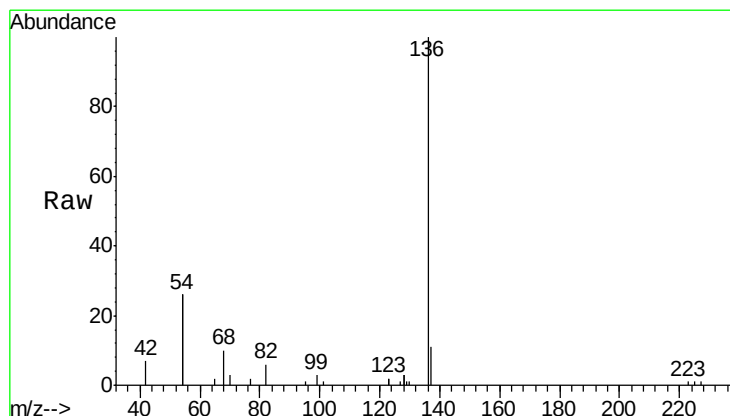
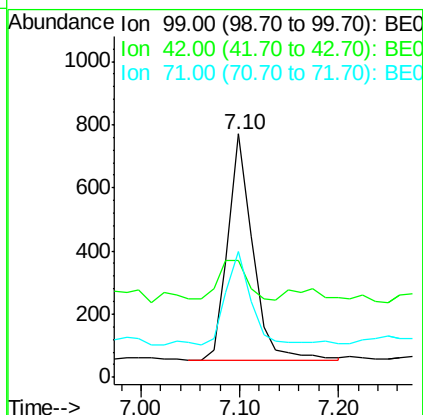
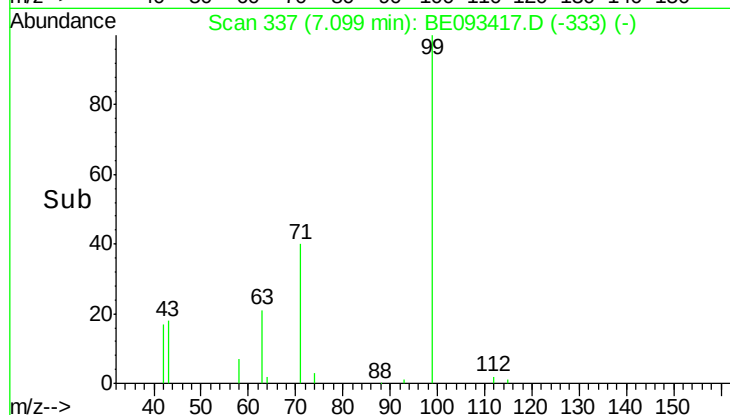
Tgt Ion: 99 Resp: 1245

Ion Ratio Lower Upper

99 100

42 20.6 0.0 0.0#

71 42.8 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Tgt Ion:136 Resp: 14447

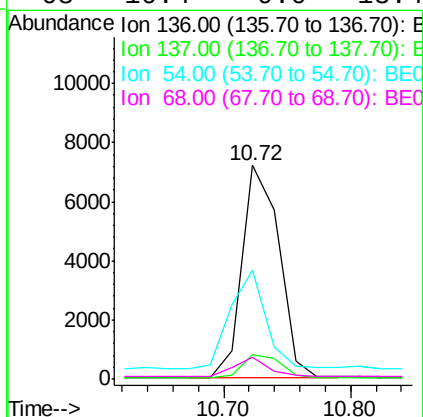
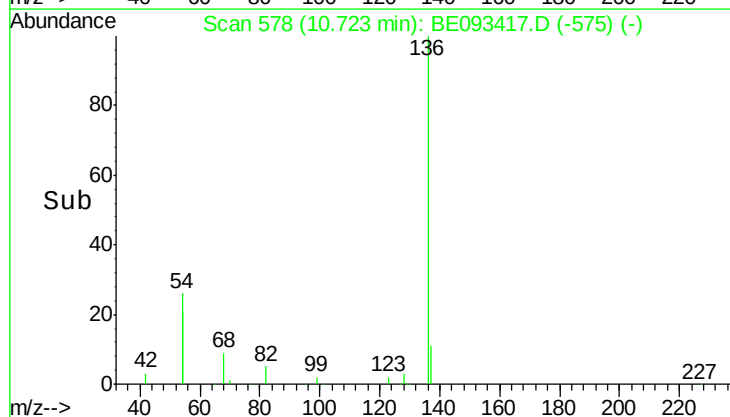
Ion Ratio Lower Upper

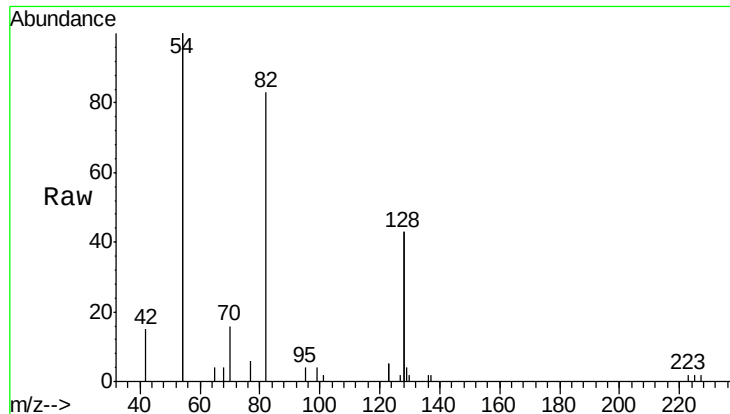
136 100

137 11.2 9.8 14.8

54 51.1 10.3 15.5#

68 10.4 9.0 13.4

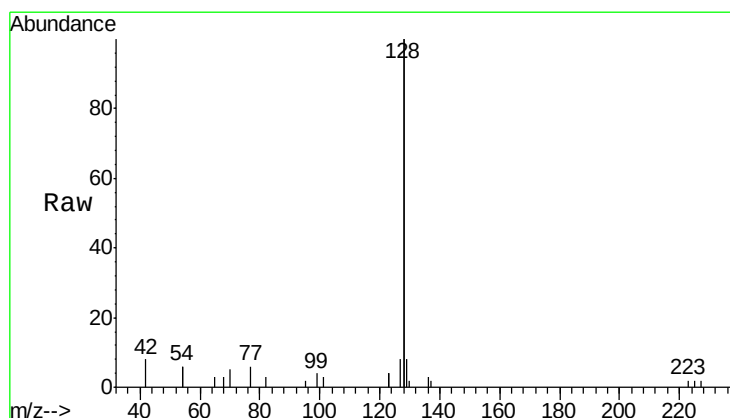
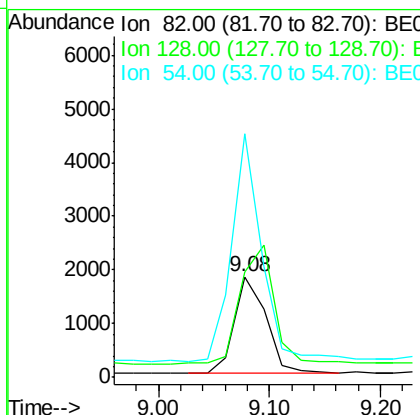
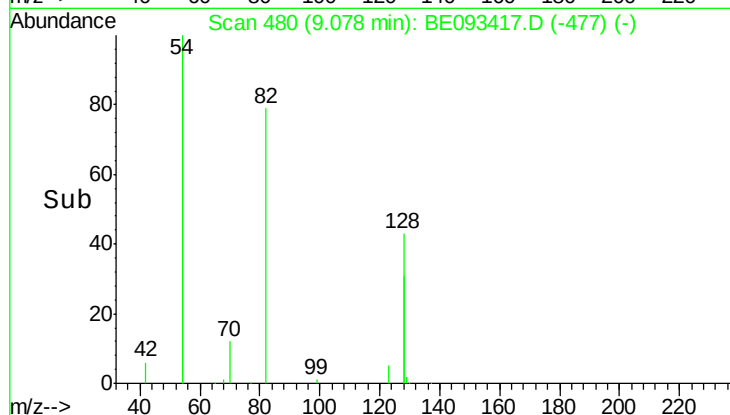




#8
 Nitrobenzene-d5
 Concen: 0.39 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

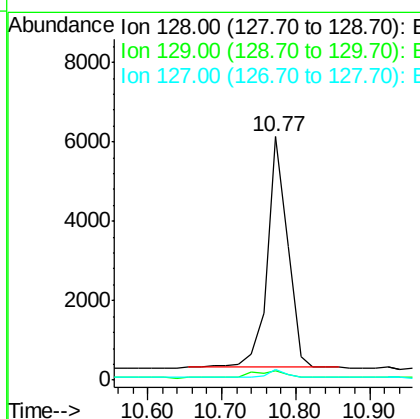
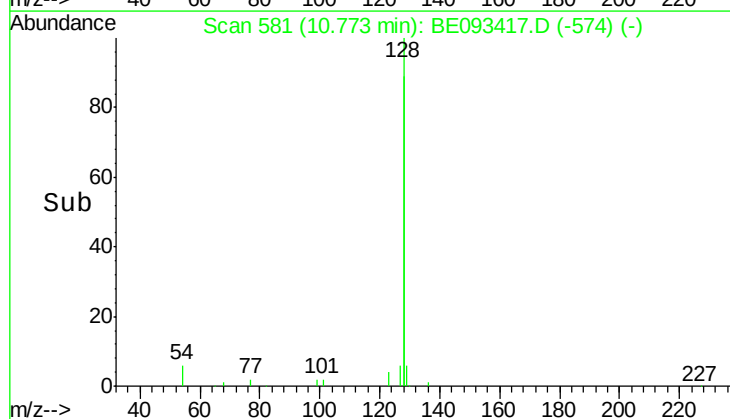
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

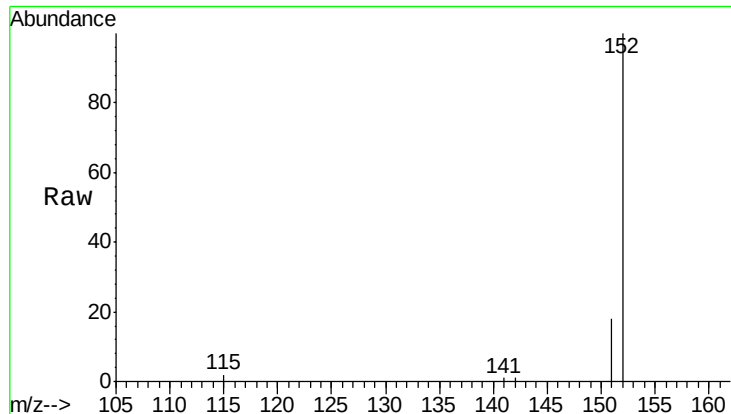
Tgt Ion	Ratio	Lower	Upper
82	100		
128	104.4	17.0	25.4#
54	242.2	53.8	80.6#



#9
 Naphthalene
 Concen: 0.07 ng
 RT: 10.77 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.8	11.4	17.0#
127	4.2	11.2	16.8#

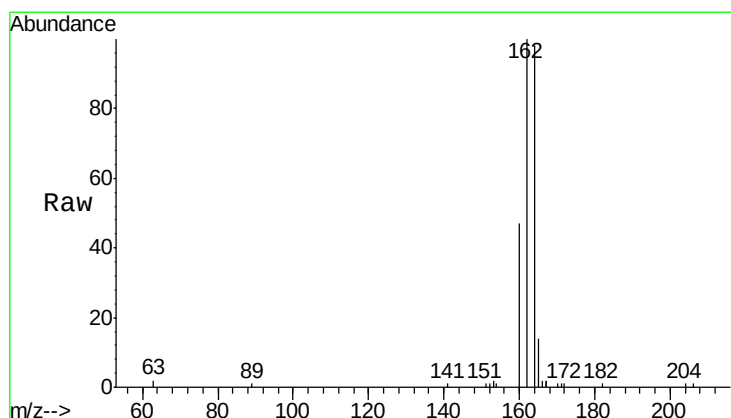
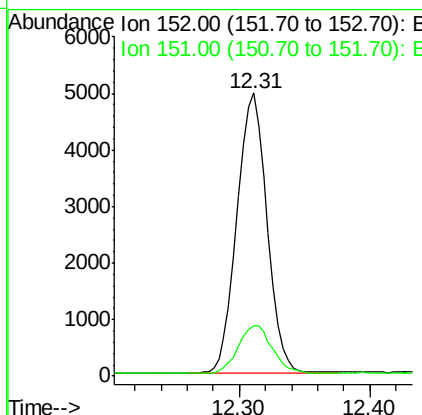
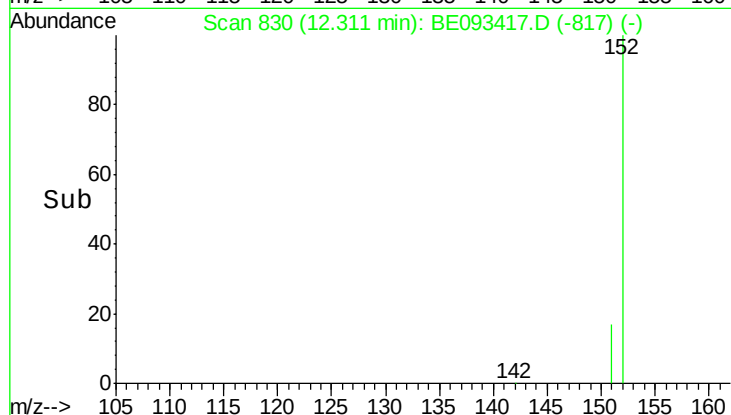




#11
 2-Methylnaphthalene-d10
 Concen: 0.34 ng
 RT: 12.31 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

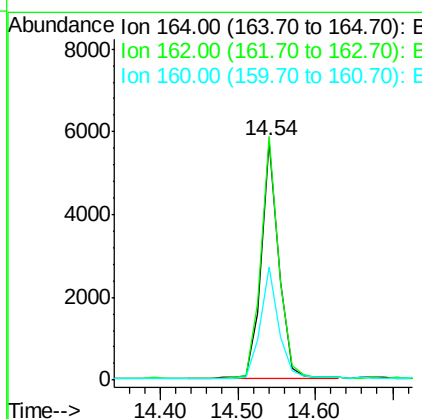
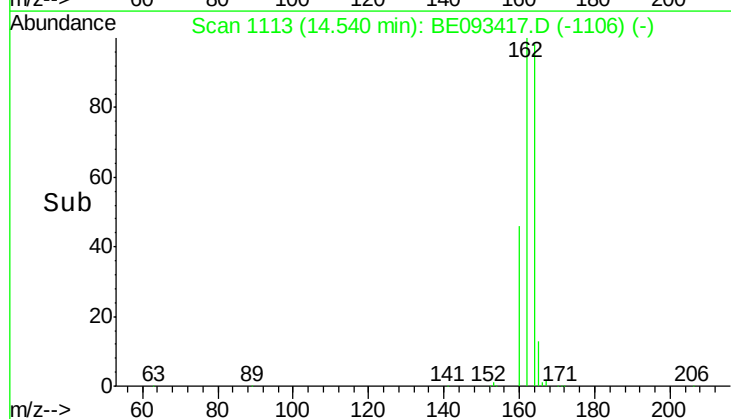
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

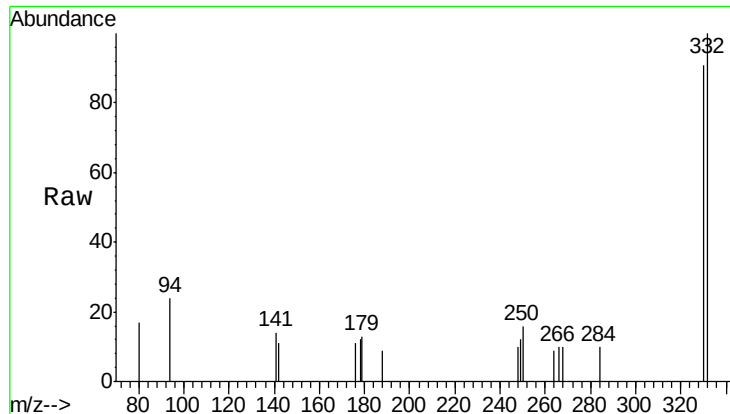
Tgt Ion:152 Resp: 7951
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion:164 Resp: 8893
 Ion Ratio Lower Upper
 164 100
 162 102.0 84.6 127.0
 160 47.5 41.8 62.6

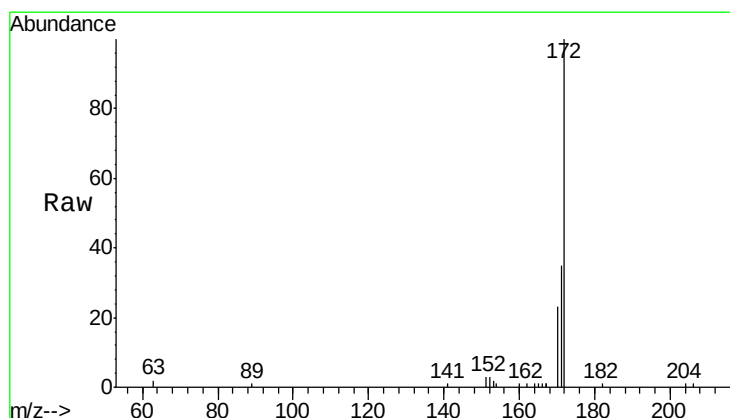
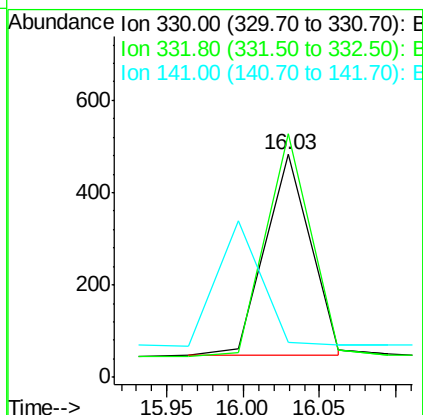
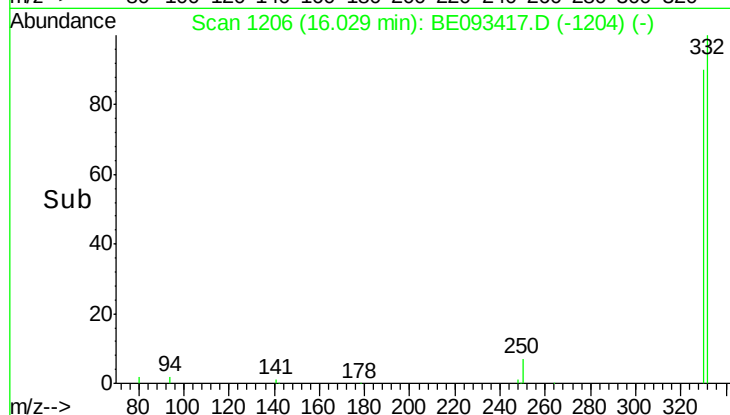




#14
 2,4,6-Tribromophenol
 Concen: 0.32 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

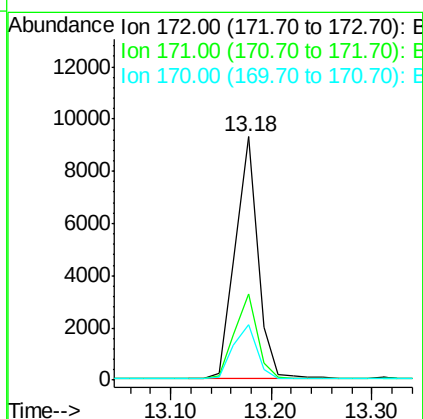
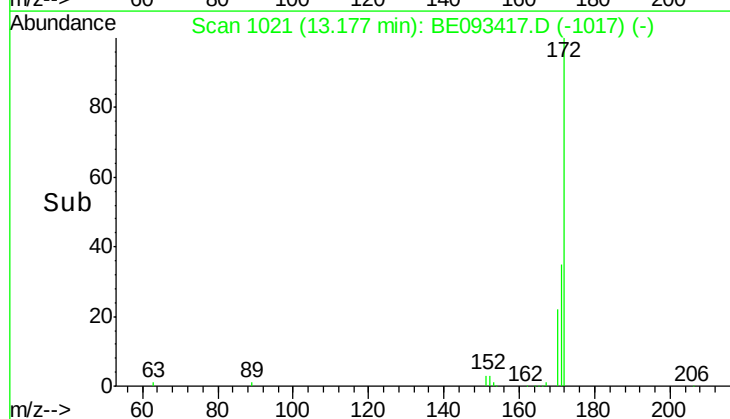
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

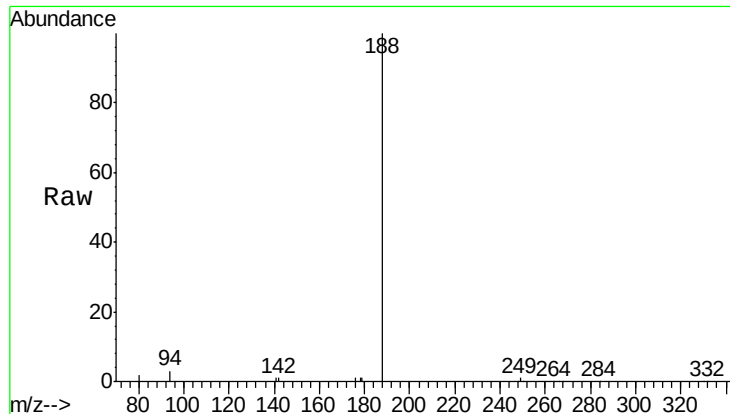
Tgt Ion:330 Resp: 904
 Ion Ratio Lower Upper
 330 100
 332 108.6 77.7 116.5
 141 0.0 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.42 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion:172 Resp: 14612
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.8 44.6
 170 22.6 20.7 31.1

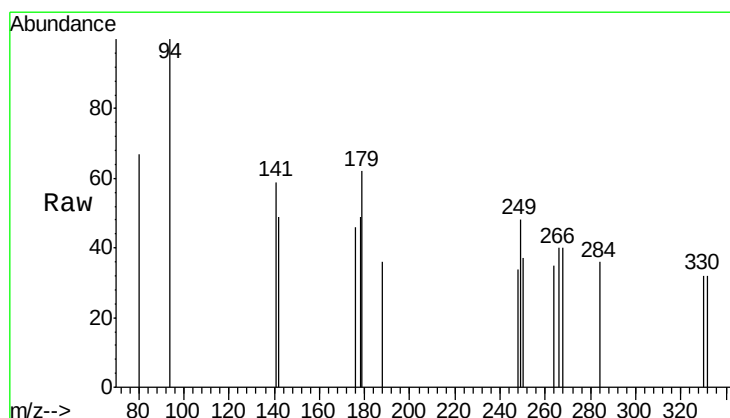
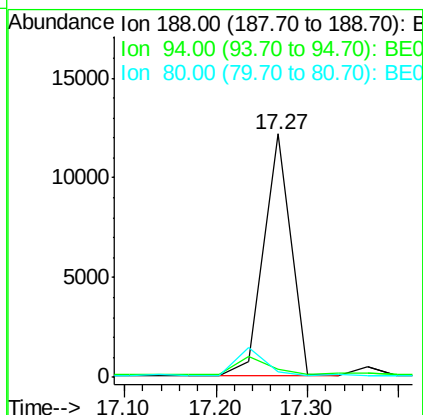
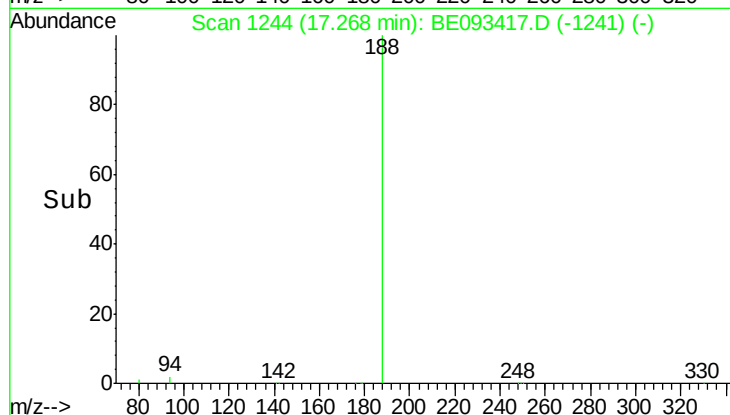




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093417.D
Acq: 2 Jul 2017 17:05

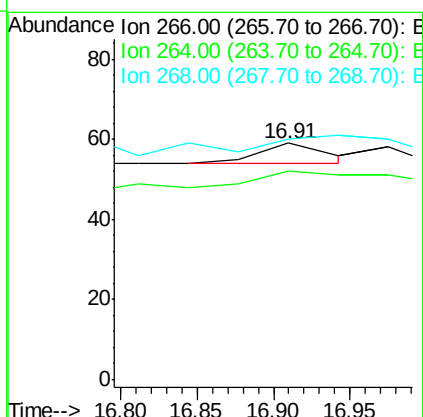
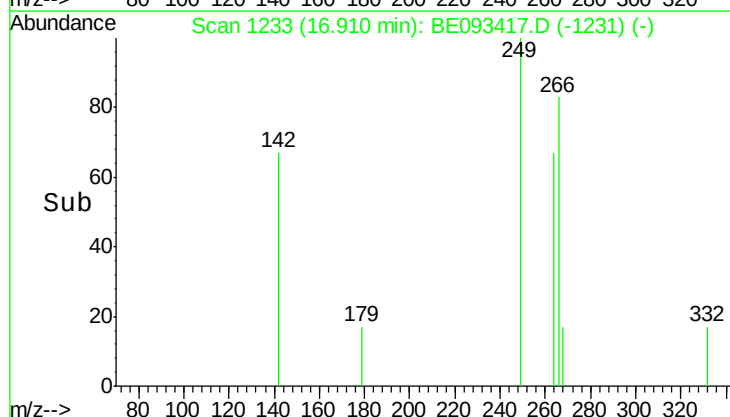
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170620

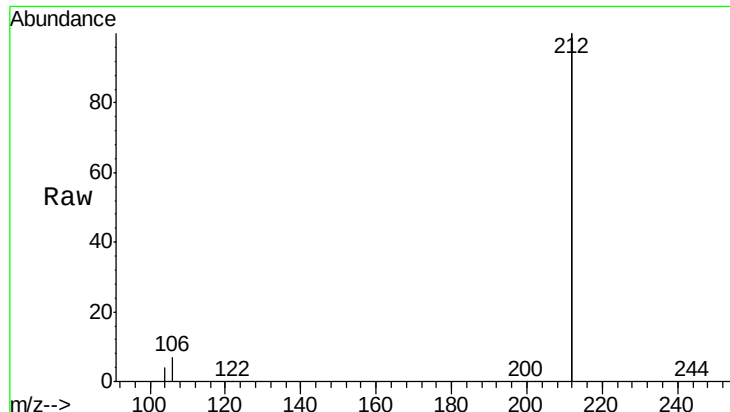
Tgt Ion:188 Resp: 25449
Ion Ratio Lower Upper
188 100
94 3.1 11.3 16.9#
80 2.3 11.7 17.5#



#22
Pentachlorophenol
Concen: Below Cal
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093417.D
Acq: 2 Jul 2017 17:05

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 88.1 58.2 87.2#
268 101.7 71.9 107.9





#25

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170620

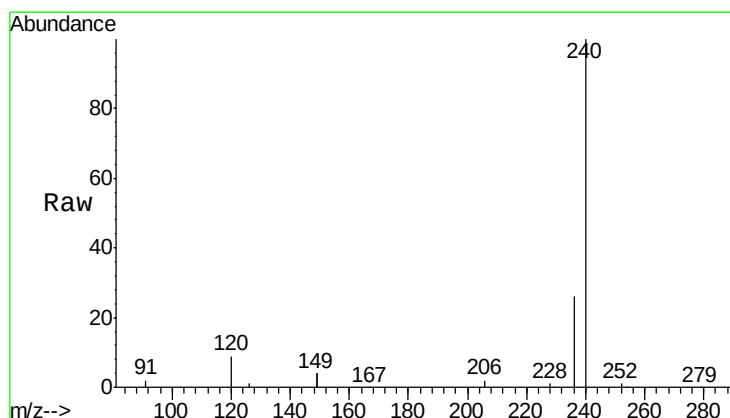
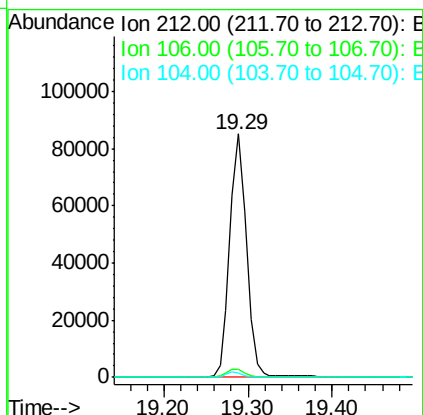
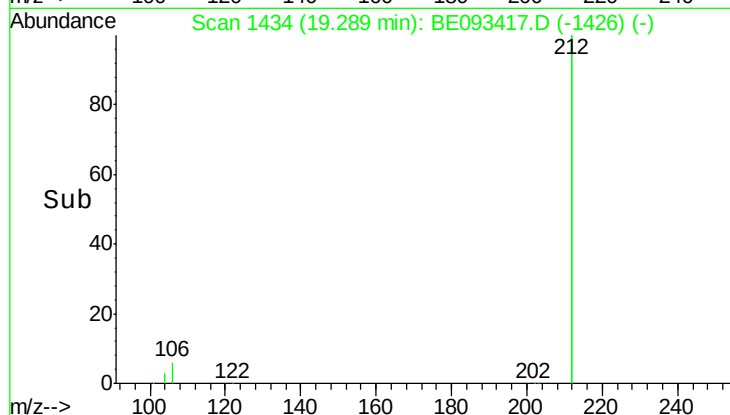
Tgt Ion:212 Resp: 116481

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

104 2.0 1.6 2.4



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

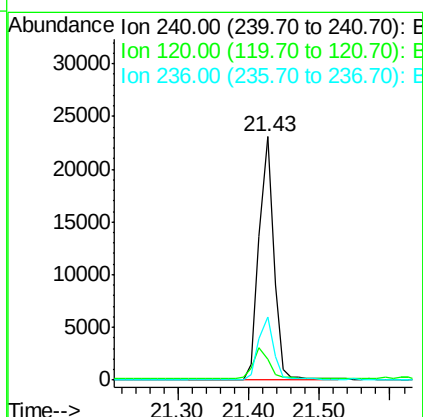
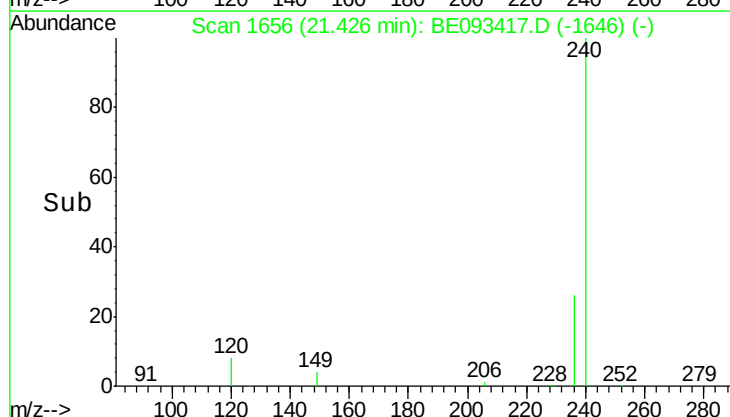
Tgt Ion:240 Resp: 32633

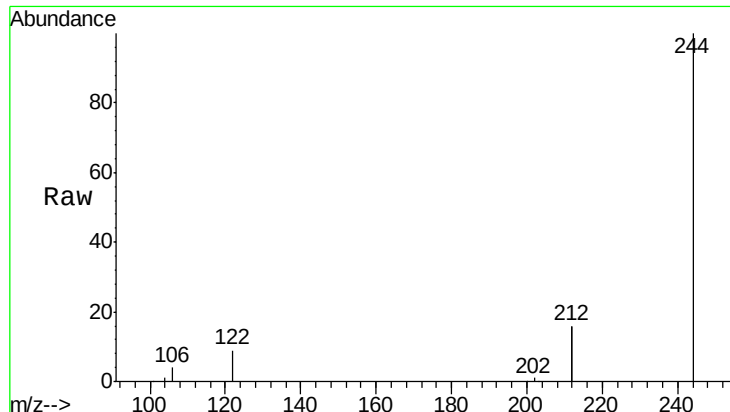
Ion Ratio Lower Upper

240 100

120 8.8 4.6 7.0#

236 26.0 20.8 31.2

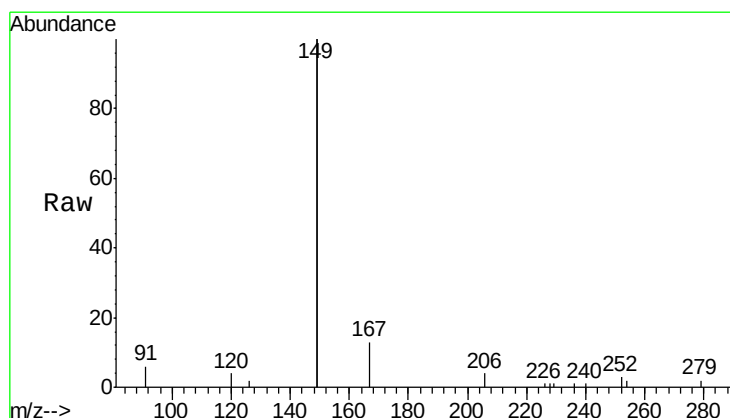
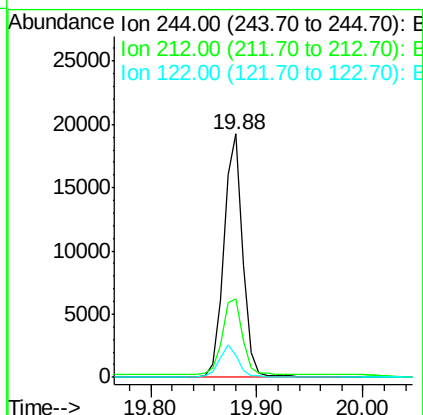
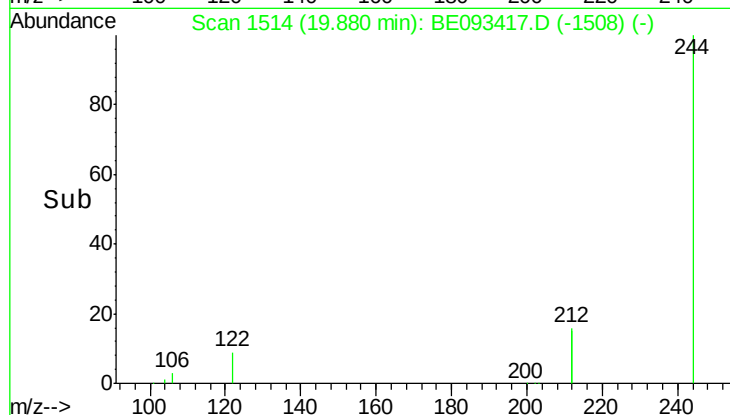




#29
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 19.88 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

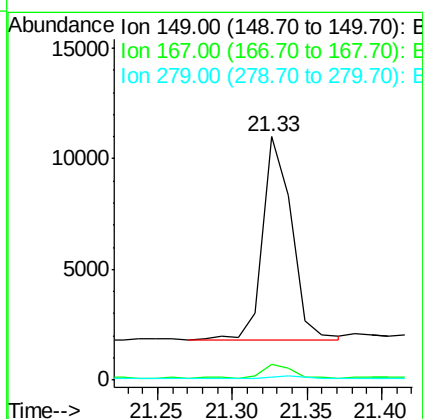
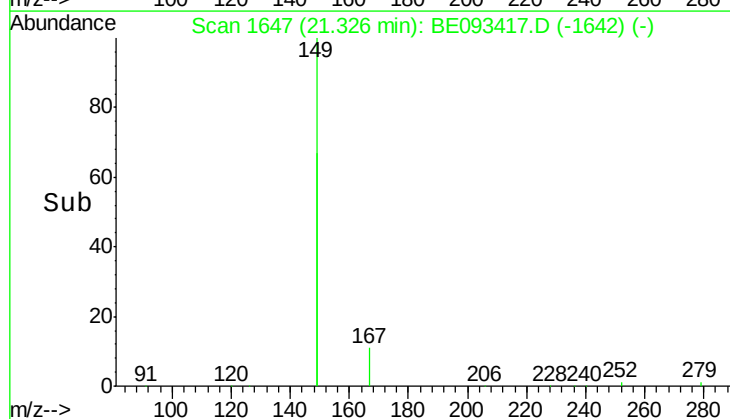
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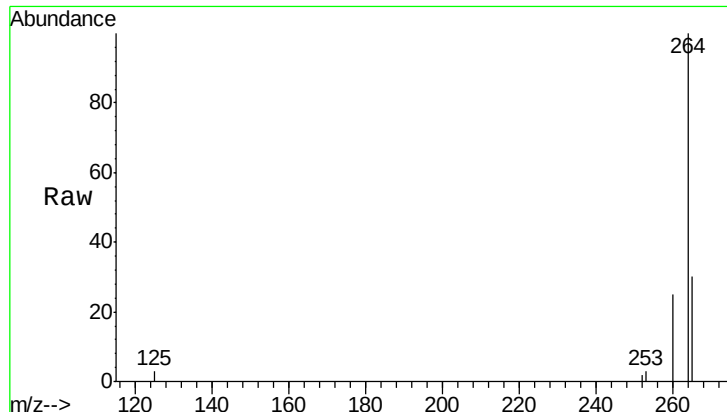
Tgt Ion:244 Resp: 23861
 Ion Ratio Lower Upper
 244 100
 212 32.2 10.6 16.0#
 122 9.2 15.4 23.0#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion:149 Resp: 12238
 Ion Ratio Lower Upper
 149 100
 167 6.9 20.1 30.1#
 279 1.0 2.2 3.4#





#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

Tgt Ion:264 Resp: 27325
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.0 31.4
 265 29.6 24.6 36.8

