

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122118\
 Data File : BE098556.D
 Acq On : 21 Dec 2018 17:45
 Operator : SJ/JU
 Sample : J6488-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181218

Quant Time: Dec 22 00:57:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

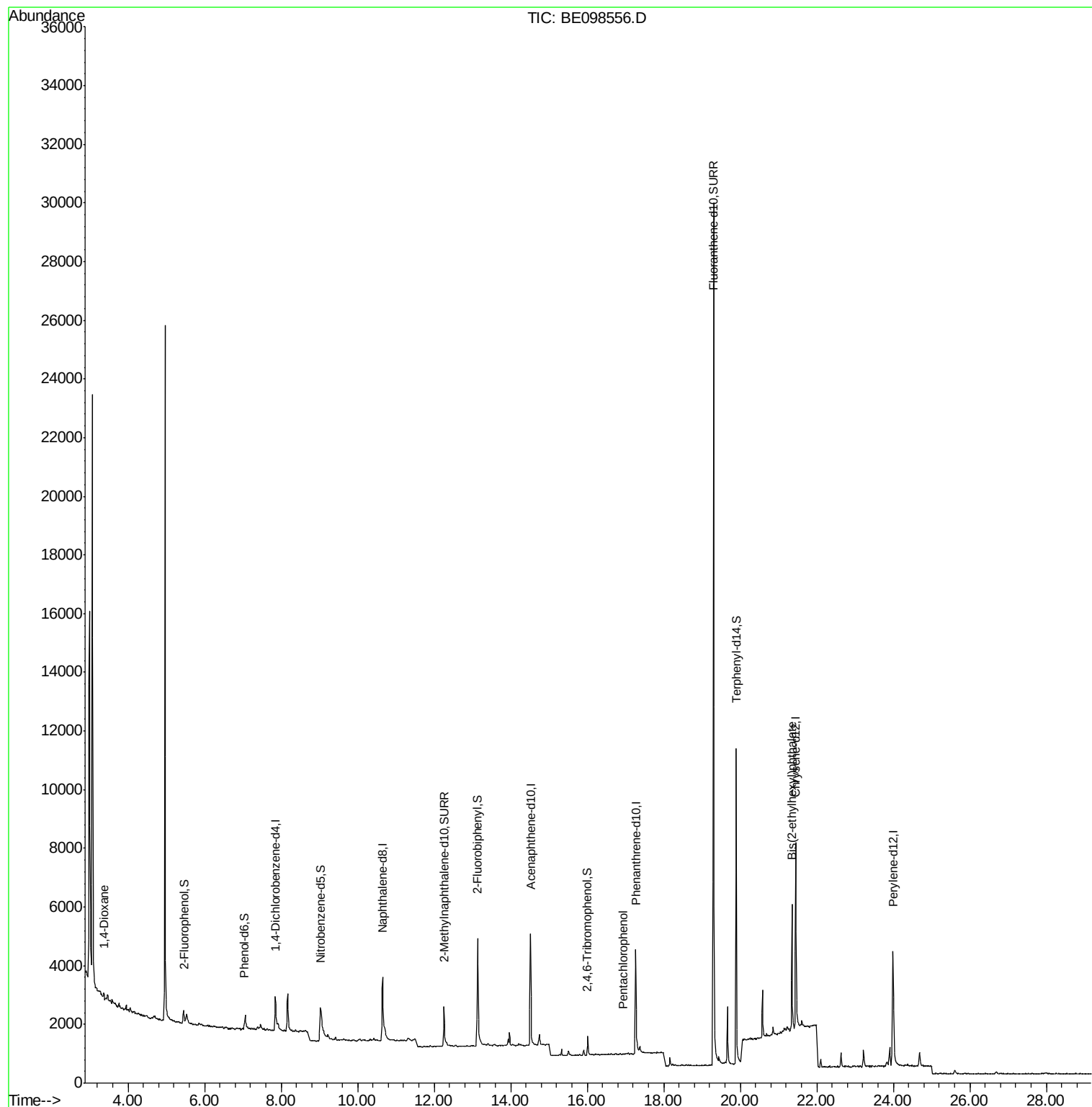
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	736	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3244	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2381	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6262	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7662	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6678	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	305	0.18	ng	0.00
5) Phenol-d6	7.03	99	305	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1117	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2485	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	492	0.56	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5063	0.50	ng	-0.01
25) Fluoranthene-d10	19.30	212	43616	0.54	ng	-0.01
29) Terphenyl-d14	19.89	244	10353	0.56	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	113	0.089	ng	# 27
22) Pentachlorophenol	16.93	266	8	0.030	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.35	149	4856	0.110	ng	99

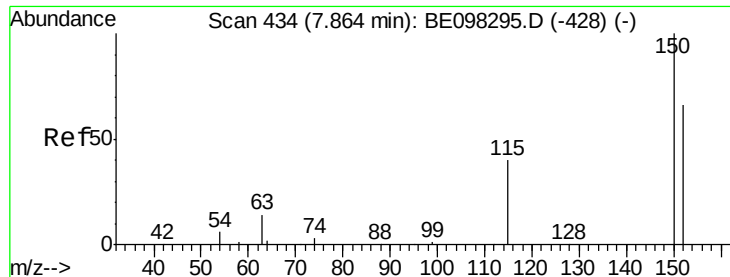
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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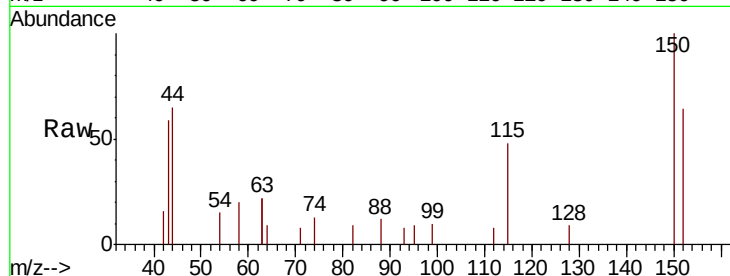


#1

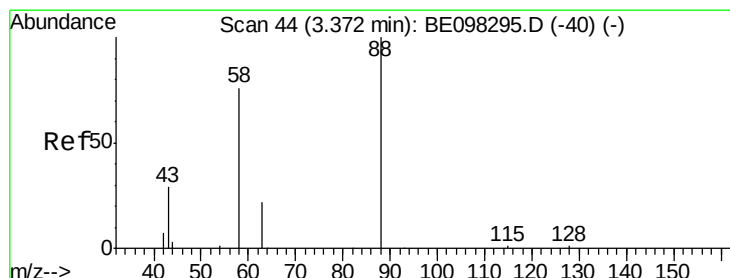
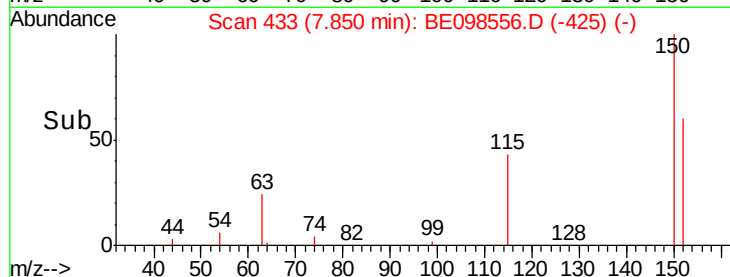
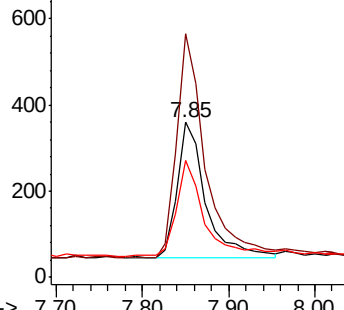
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098556.D
Acq: 21 Dec 2018 17:45

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181218

Tgt Ion: 152 Resp: 736
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.4
115 75.3 53.9 80.9



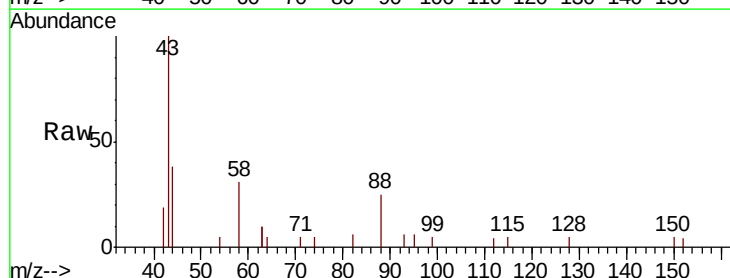
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



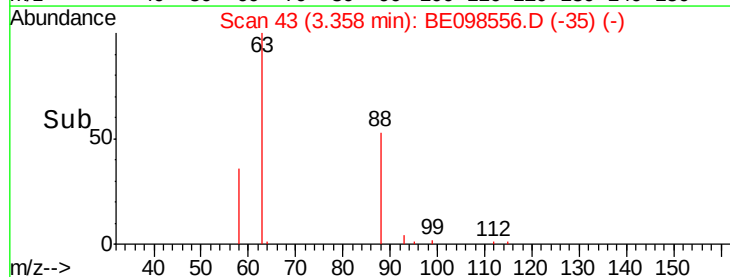
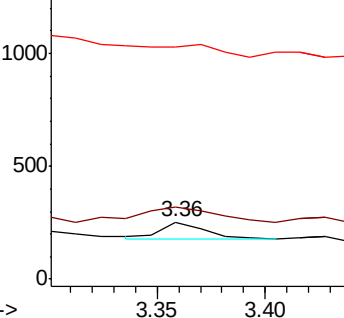
#2

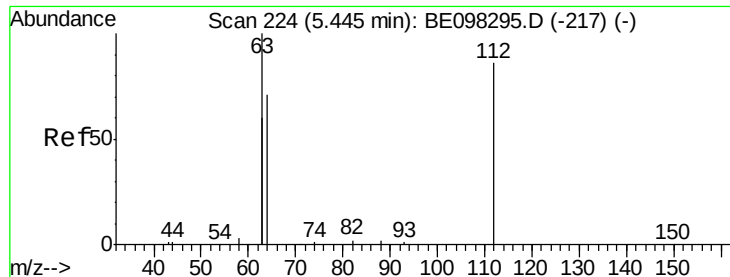
1,4-Dioxane
Concen: 0.089 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098556.D
Acq: 21 Dec 2018 17:45

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
58 164.6 75.0 112.6#
43 0.0 38.3 57.5#



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





#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

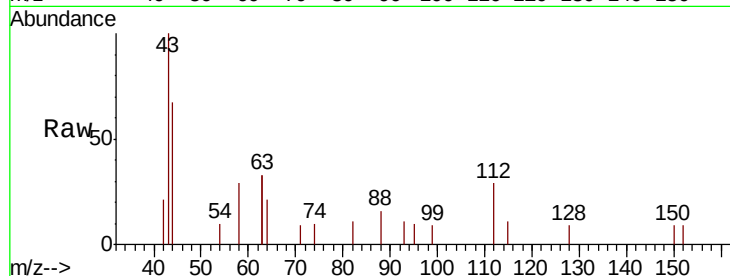
Tgt Ion: 112 Resp: 305

Ion Ratio Lower Upper

112 100

64 79.7 59.8 89.8

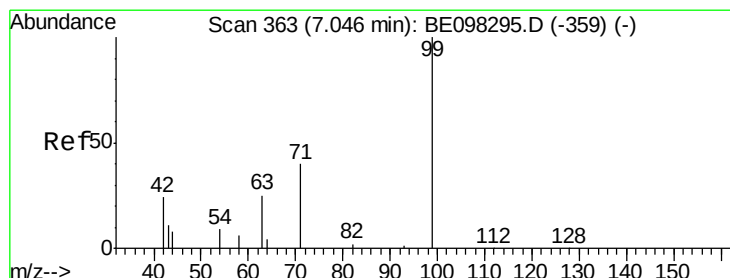
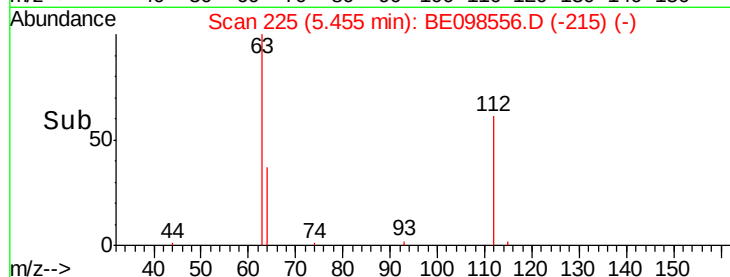
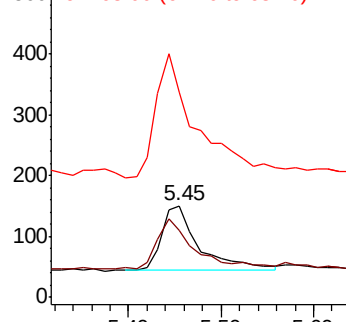
63 222.6 133.7 200.5#



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: 0.125 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

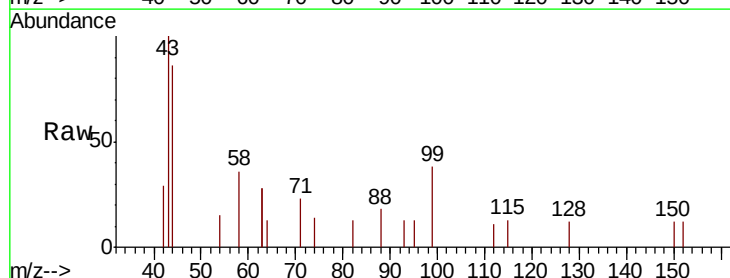
Tgt Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 52.8 26.3 39.5#

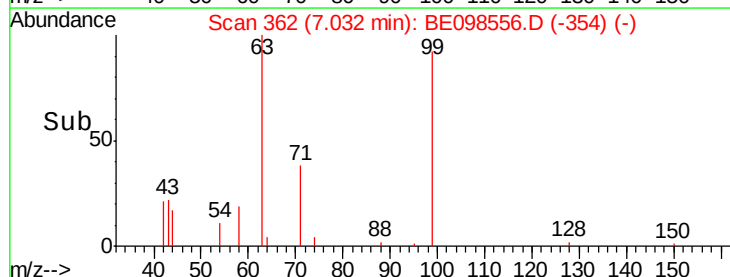
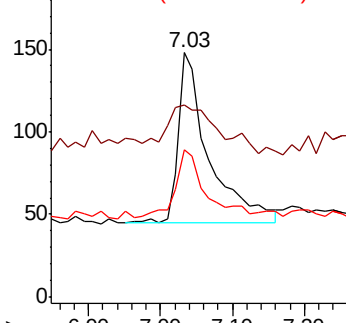
71 39.3 33.6 50.4

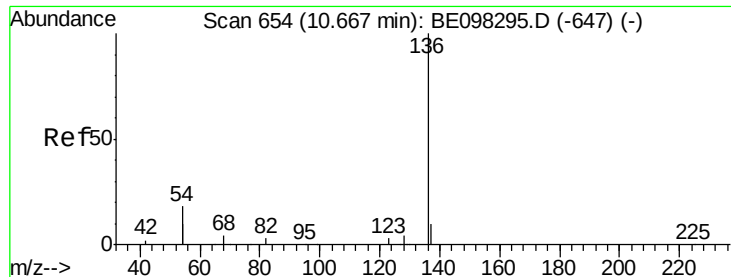


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

Tgt Ion:136 Resp: 3244

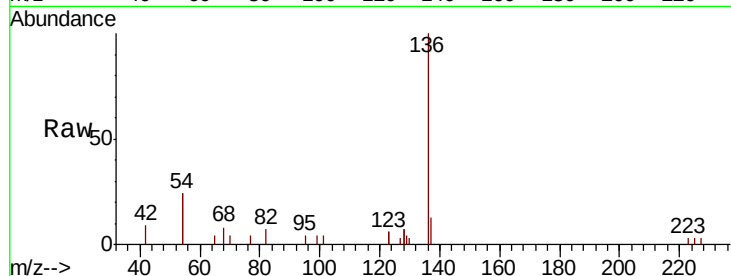
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 48.0 28.4 42.6#

68 8.1 5.4 8.0#

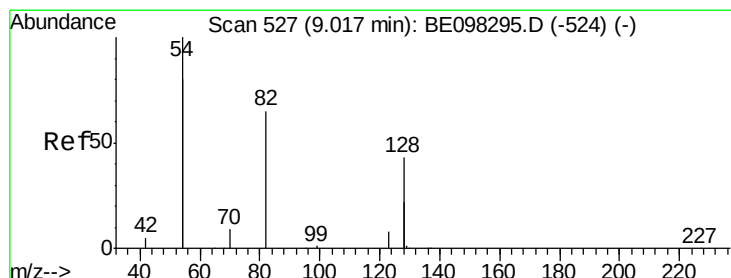
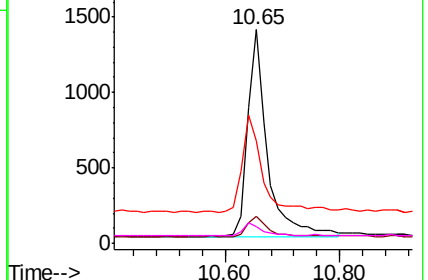
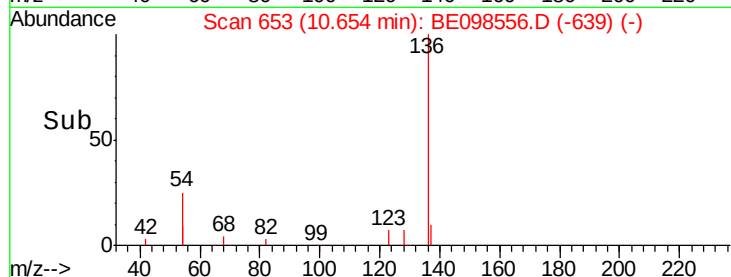


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

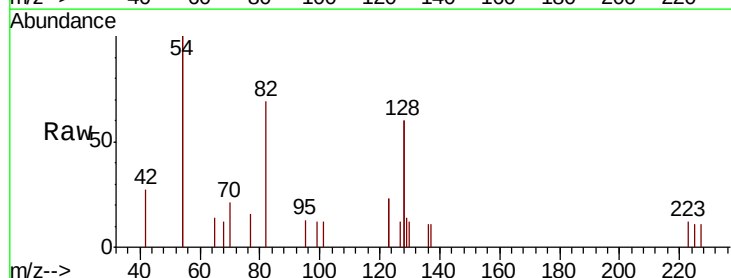
Tgt Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 175.6 102.4 153.6#

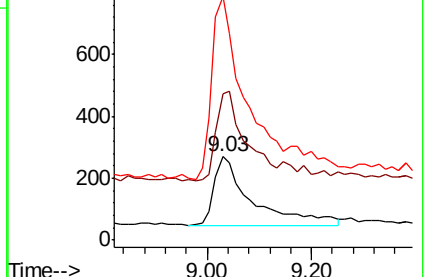
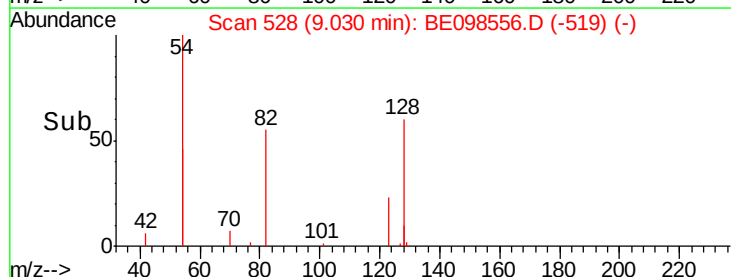
54 291.9 221.8 332.8

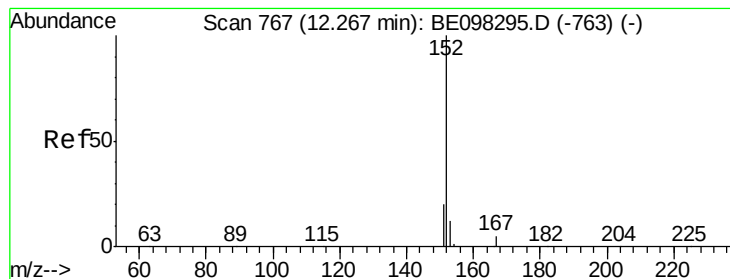


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.471 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

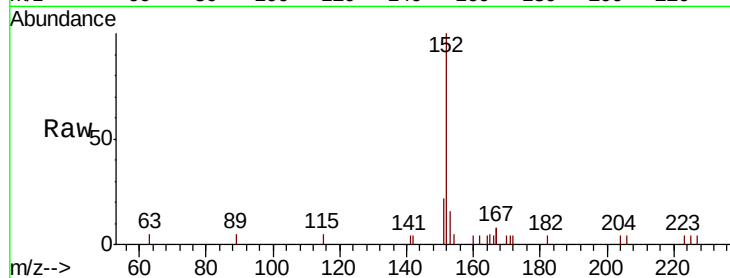
OUTFALL001-181218

Tgt Ion:152 Resp: 2485

Ion Ratio Lower Upper

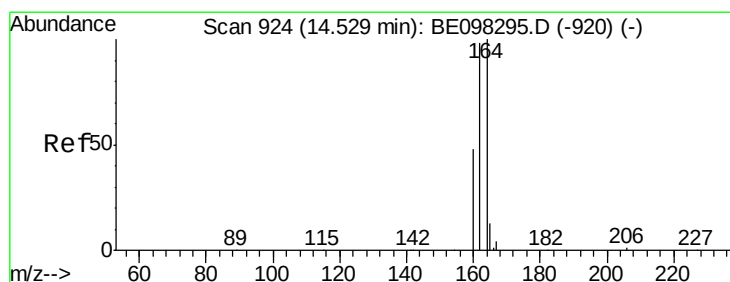
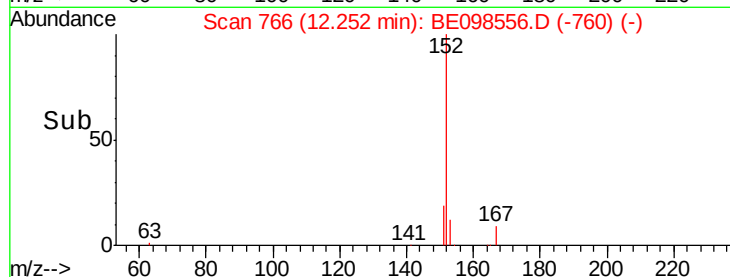
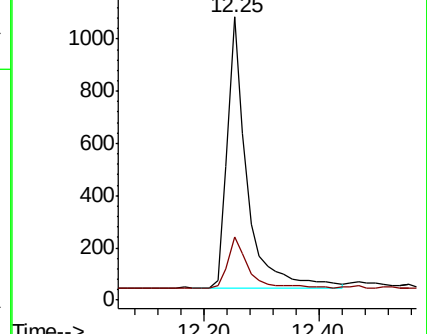
152 100

151 20.2 16.2 24.4



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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

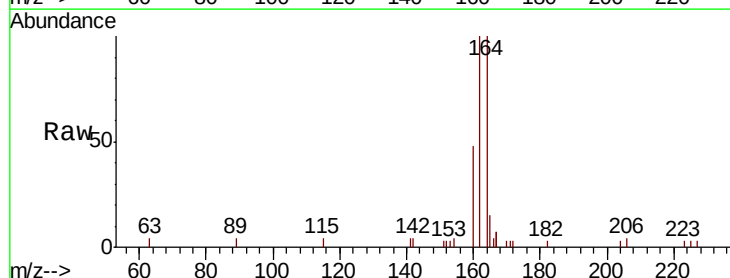
Tgt Ion:164 Resp: 2381

Ion Ratio Lower Upper

164 100

162 99.7 77.6 116.4

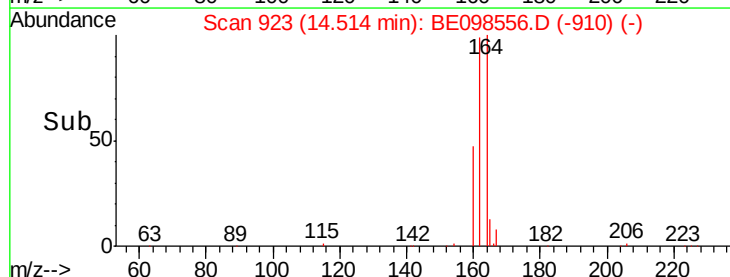
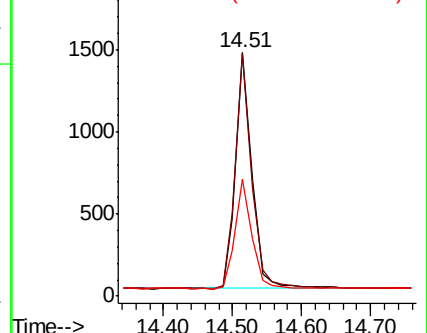
160 48.2 36.0 54.0

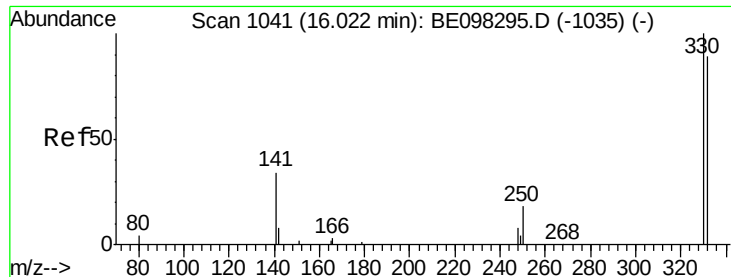


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

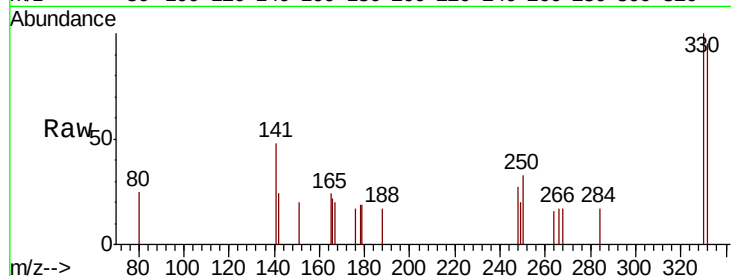




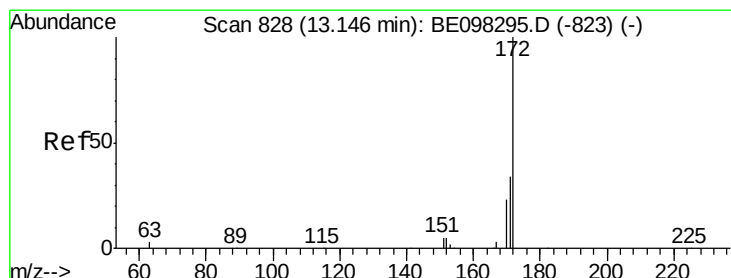
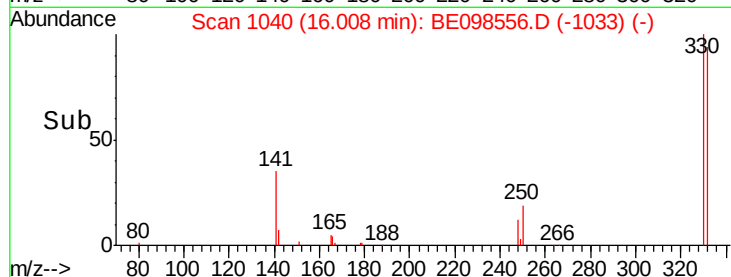
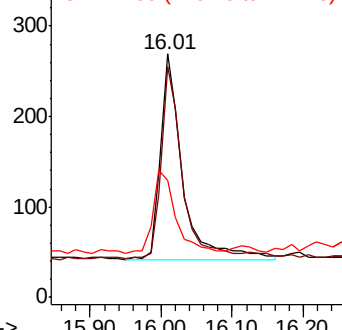
#14
 2,4,6-Tribromophenol
 Concen: 0.563 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098556.D
 Acq: 21 Dec 2018 17:45

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181218

Tgt Ion: 330 Resp: 492
 Ion Ratio Lower Upper
 330 100
 332 91.7 76.2 114.4
 141 41.3 39.0 58.4

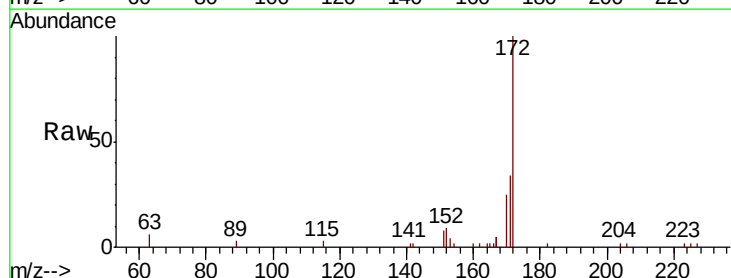


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

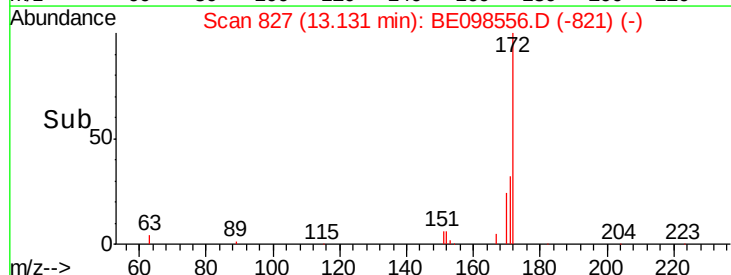
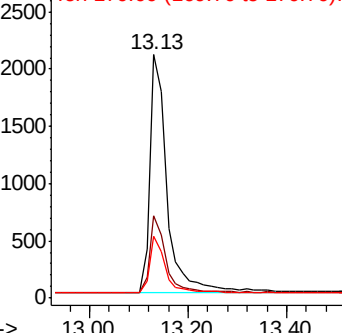


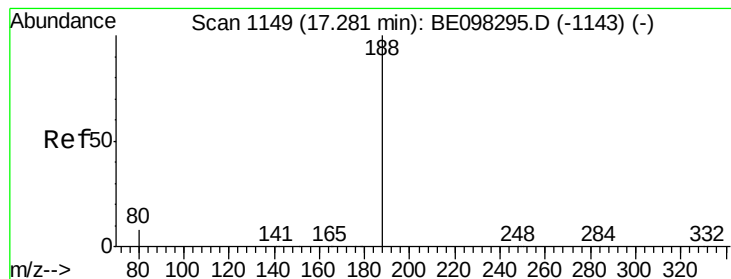
#15
 2-Fluorobiphenyl
 Concen: 0.504 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BE098556.D
 Acq: 21 Dec 2018 17:45

Tgt Ion: 172 Resp: 5063
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.5 41.3
 170 25.2 19.6 29.4



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# 1148

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

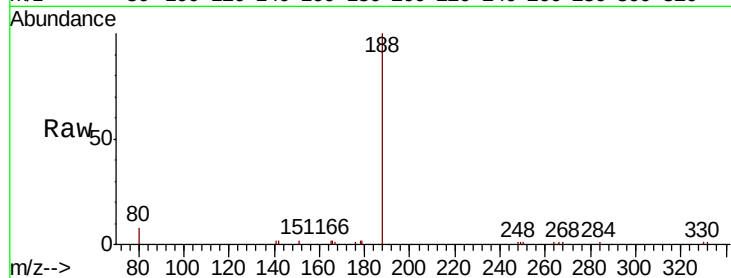
Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

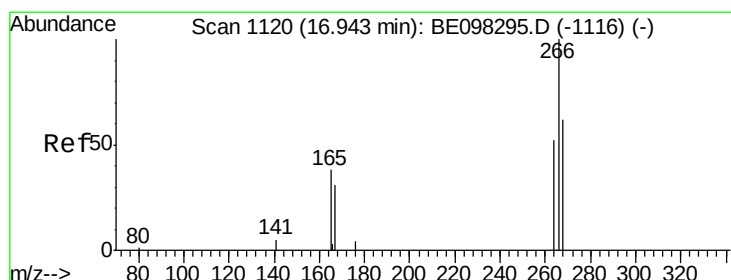
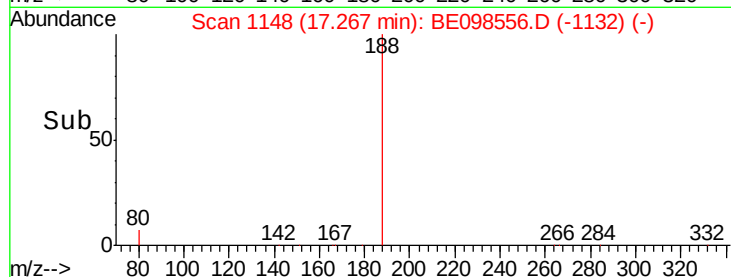
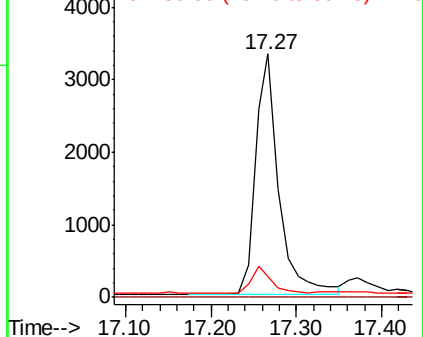
Tgt Ion:	188	Resp:	6262
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.2	10.8



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: 0.030 ng

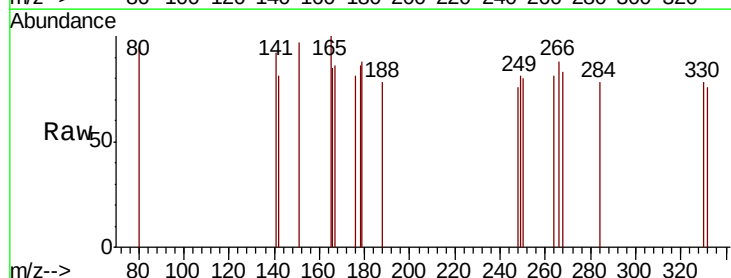
RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

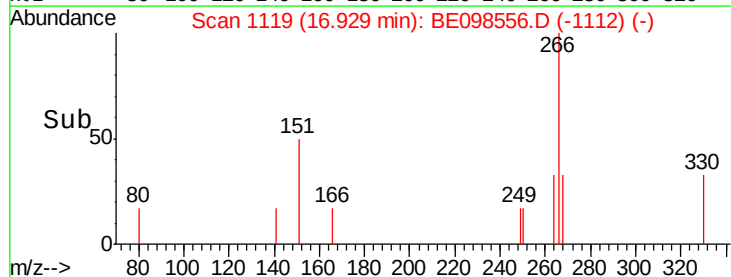
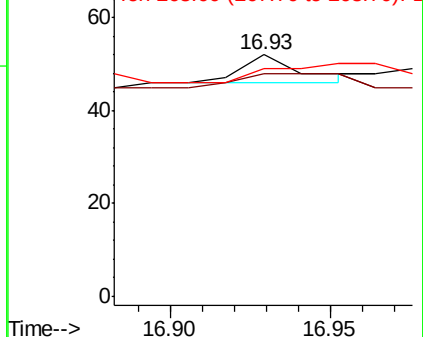
Tgt Ion:	266	Resp:	8
Ion	Ratio	Lower	Upper
266	100		
264	92.3	59.0	88.4#
268	94.2	55.1	82.7#

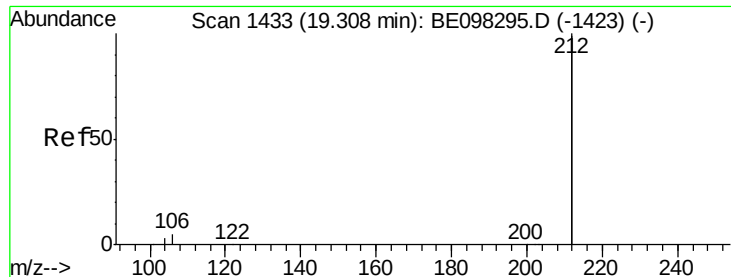


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

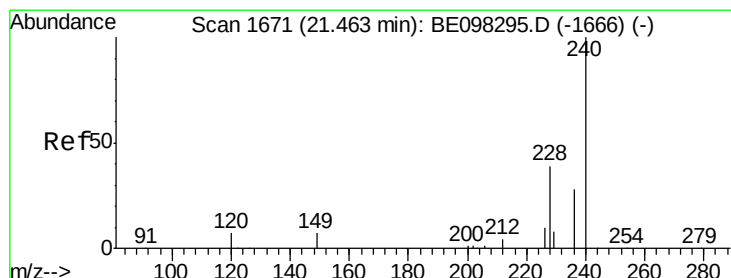
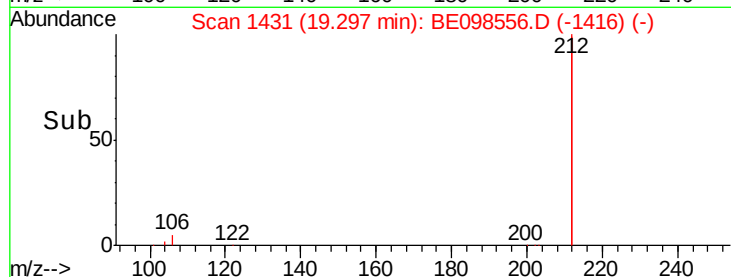
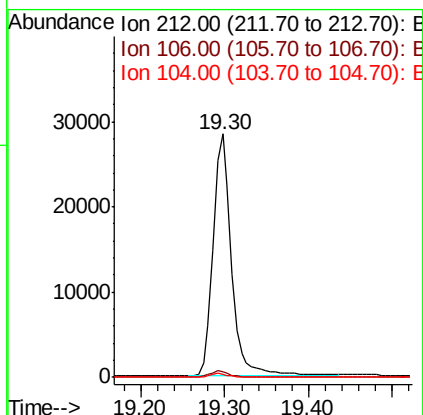
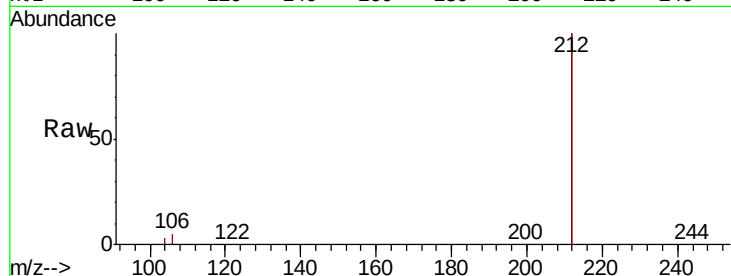




#25
Fluoranthene-d10
Concen: 0.543 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098556.D
Acq: 21 Dec 2018 17:45

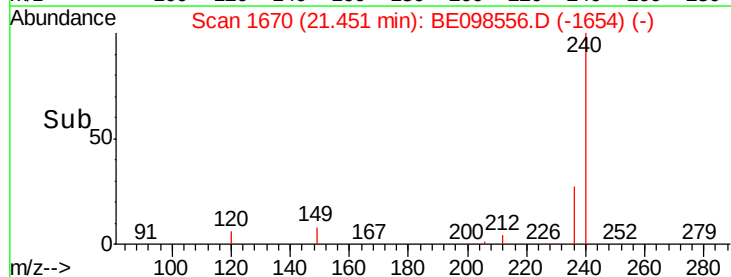
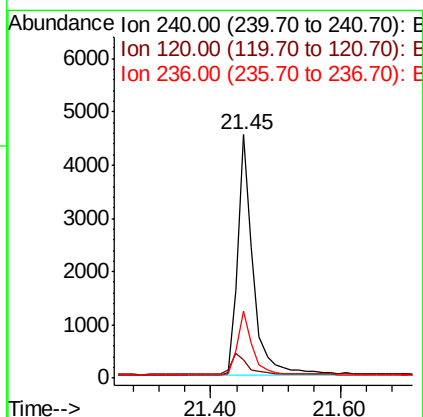
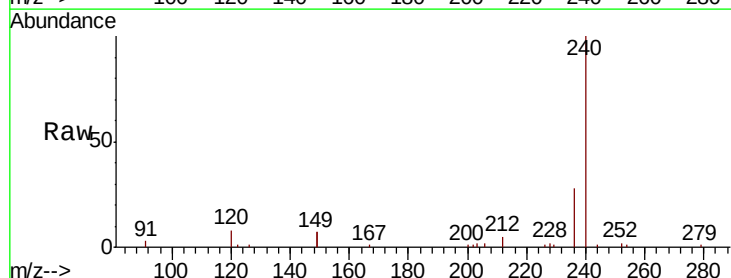
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181218

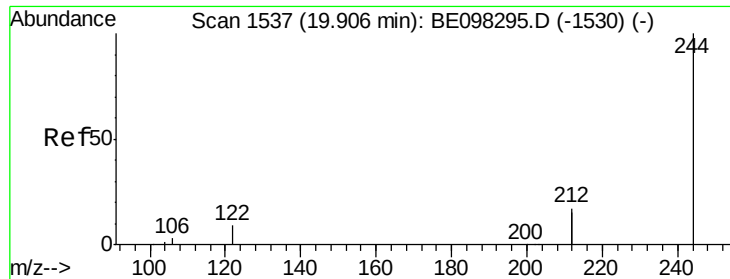
Tgt Ion:212 Resp: 43616
Ion Ratio Lower Upper
212 100
106 2.4 2.2 3.2
104 1.5 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098556.D
Acq: 21 Dec 2018 17:45

Tgt Ion:240 Resp: 7662
Ion Ratio Lower Upper
240 100
120 7.7 9.5 14.3#
236 27.6 22.7 34.1





#29

Terphenyl-d14

Concen: 0.556 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

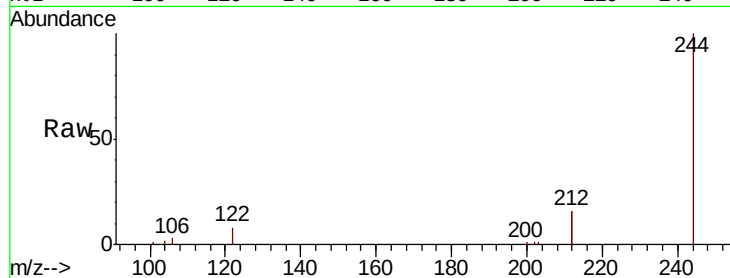
Tgt Ion:244 Resp: 10353

Ion Ratio Lower Upper

244 100

212 32.7 27.4 41.0

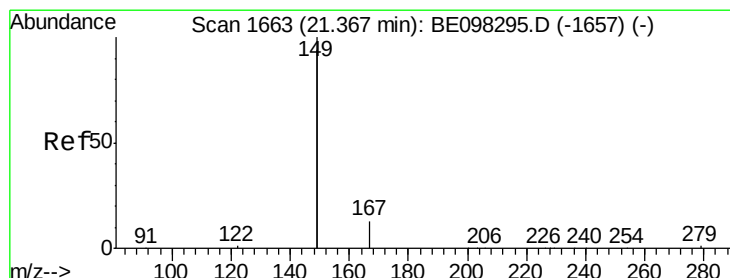
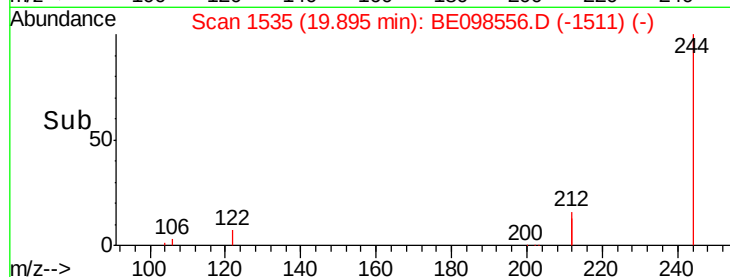
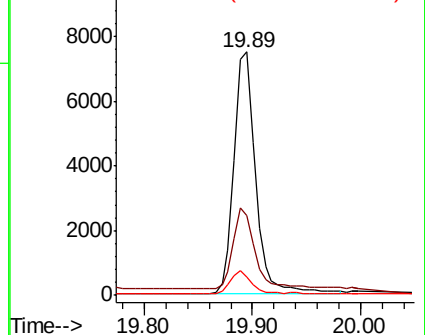
122 7.7 8.3 12.5#



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: 0.110 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

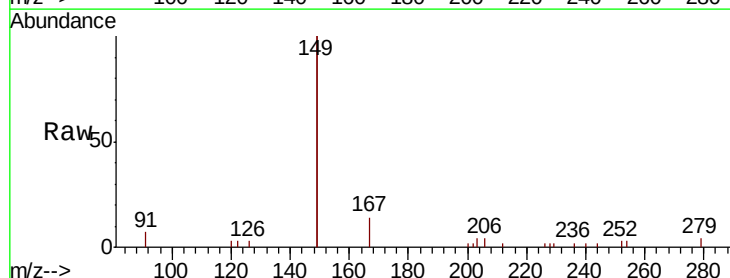
Tgt Ion:149 Resp: 4856

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

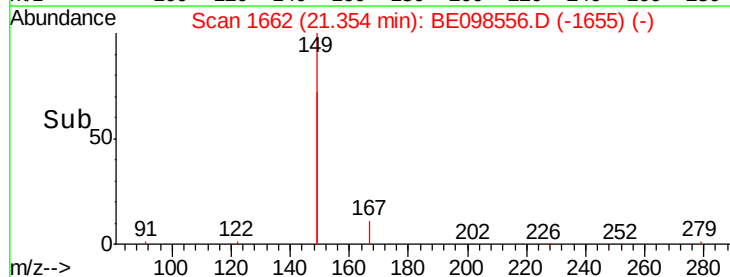
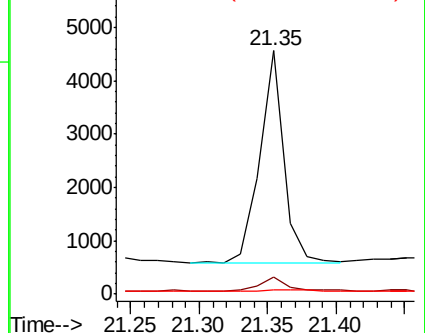
279 1.4 1.0 1.4

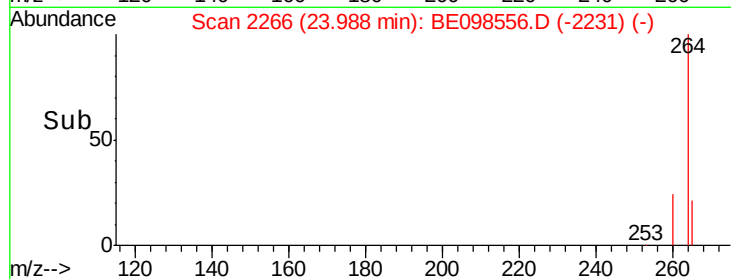
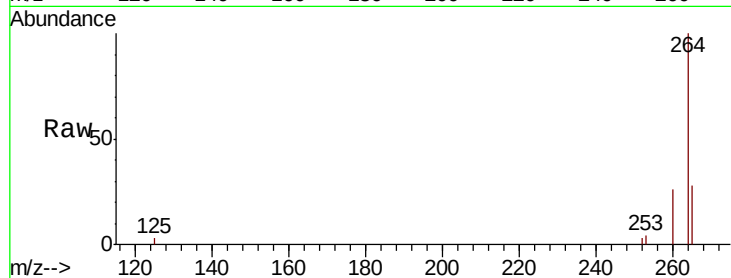
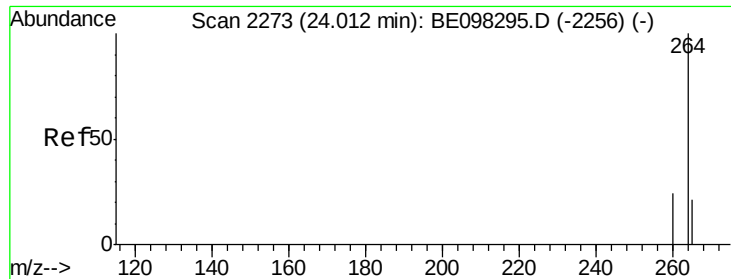


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.99 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

Tgt Ion: 264 Resp: 6678

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 28.1 25.2 37.8

