

Data File : BE098643.D
Acq On : 16 Jan 2019 22:06
Operator : SJ/JU
Sample : K1151-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190115

Quant Time: Jan 17 00:18:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	812	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3538	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2415	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5835	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6747	0.40	ng	0.00
34) Perylene-d12	23.92	264	6682	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	322	0.15	ng	0.00
5) Phenol-d6	7.00	99	295	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	898	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2264	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	460	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3604	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	28949	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	7401	0.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	40	Below Cal	#	1
22) Pentachlorophenol	16.88	266	8	0.209 ng	#	72
32) Bis(2-ethylhexyl)phthalate	21.32	149	3522	0.092 ng		98

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

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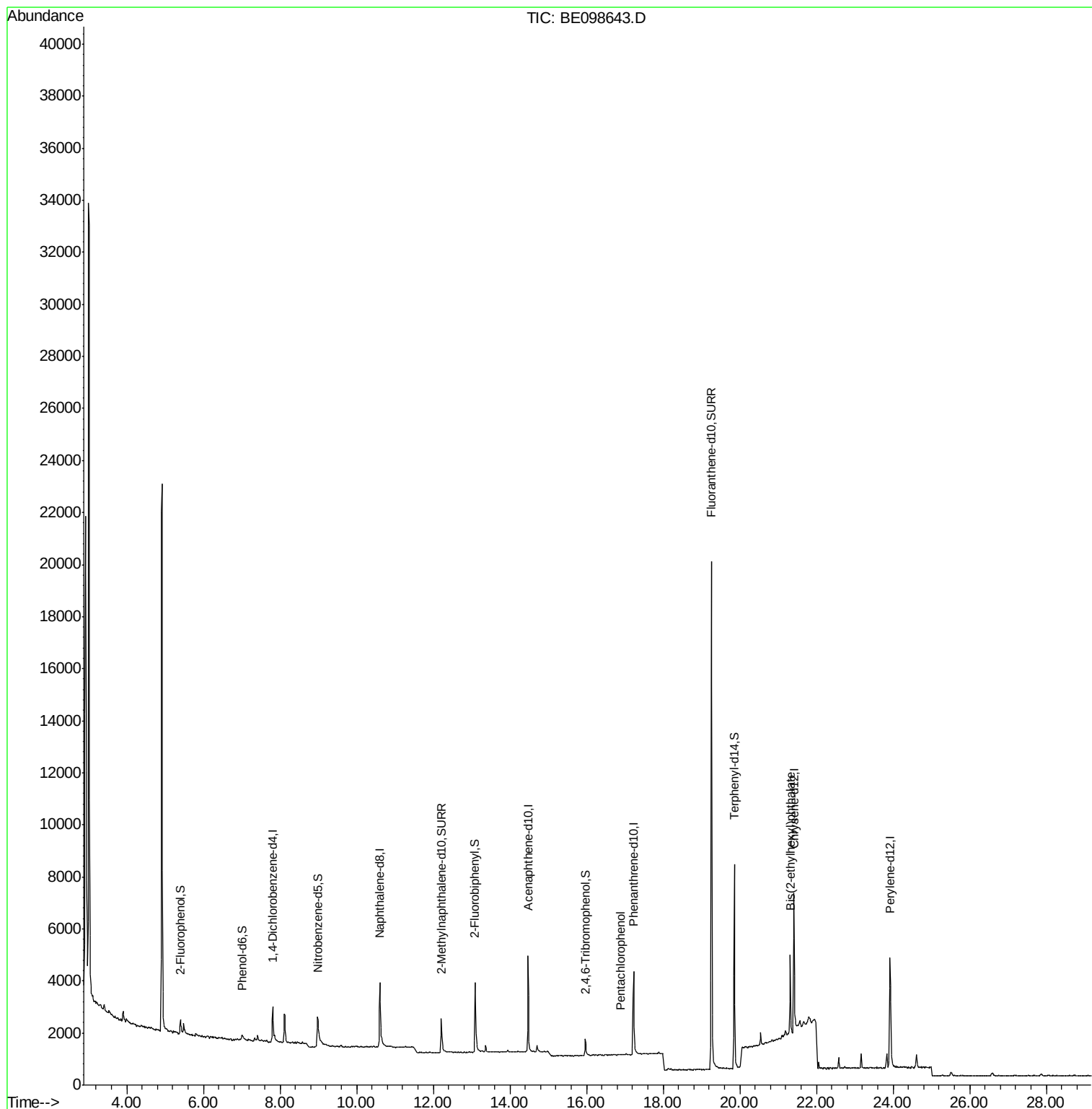
Quant Time: Jan 17 00:18:03 2019

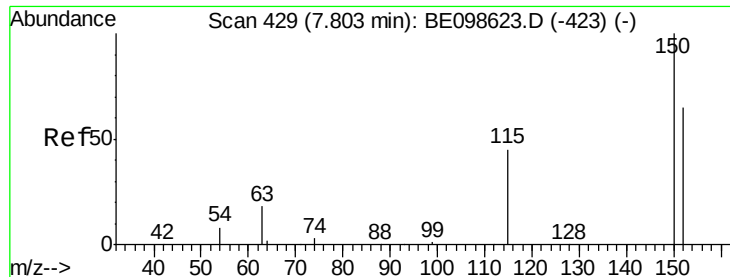
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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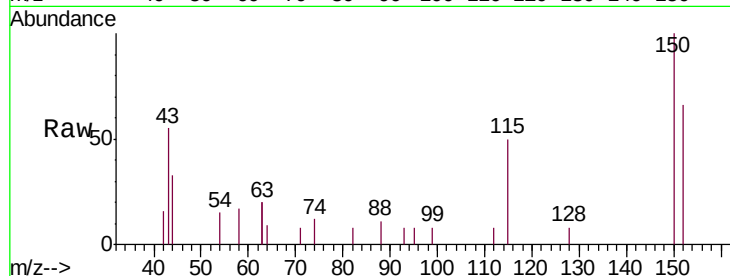


#1

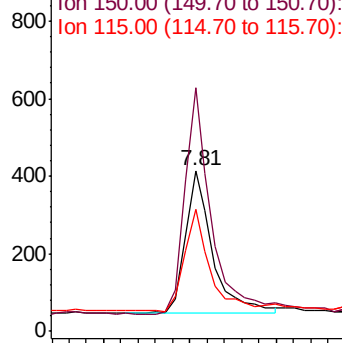
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098643.D
Acq: 16 Jan 2019 22:06

Instrument :
BNA_E
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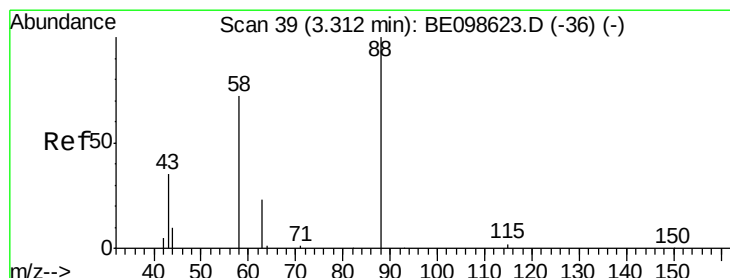
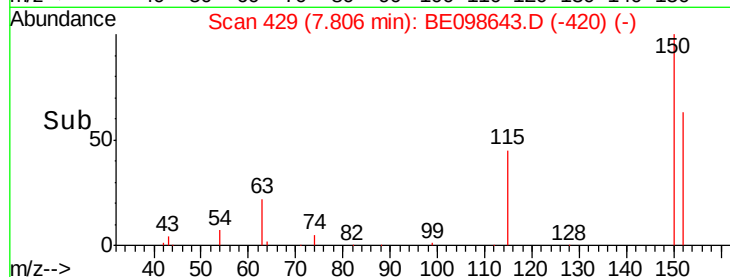
Tgt Ion: 152 Resp: 812
Ion Ratio Lower Upper
152 100
150 151.3 121.4 182.2
115 75.7 59.1 88.7



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



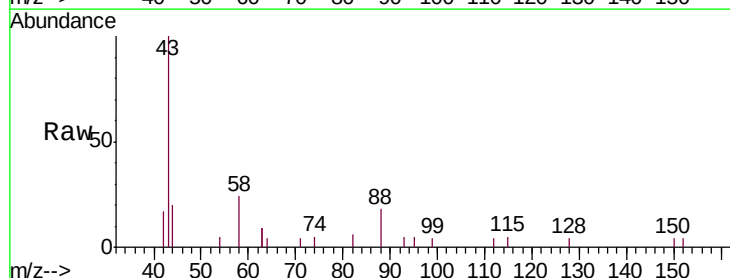
Time-->



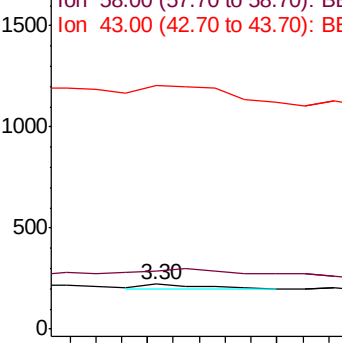
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE098643.D
Acq: 16 Jan 2019 22:06

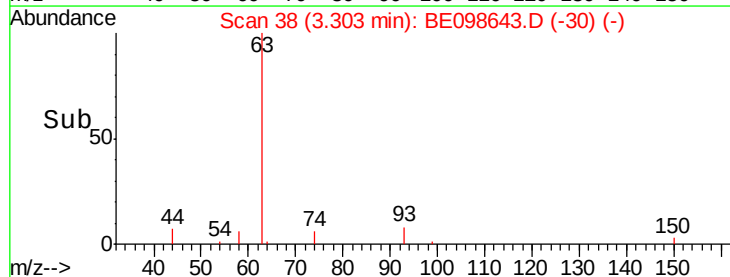
Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
58 110.0 73.9 110.9
43 560.0 43.7 65.5#

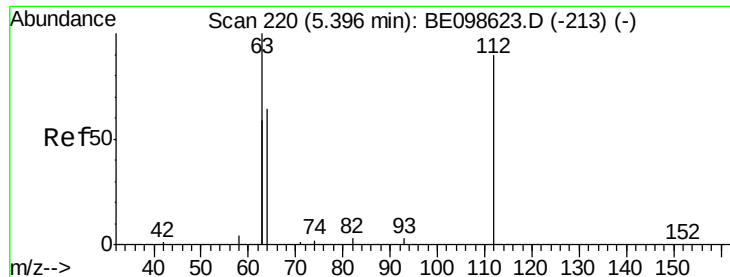


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190115

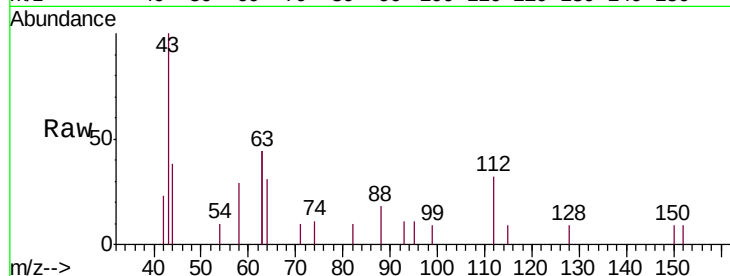
Tgt Ion: 112 Resp: 322

Ion Ratio Lower Upper

112 100

64 97.2 62.9 94.3#

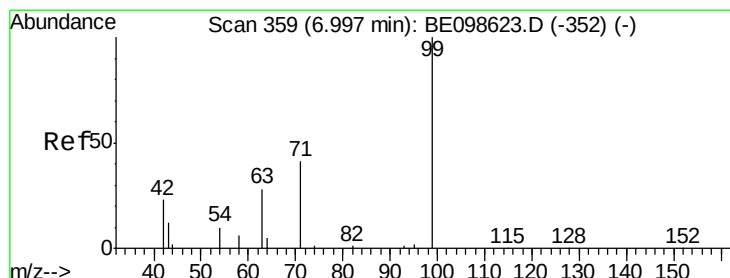
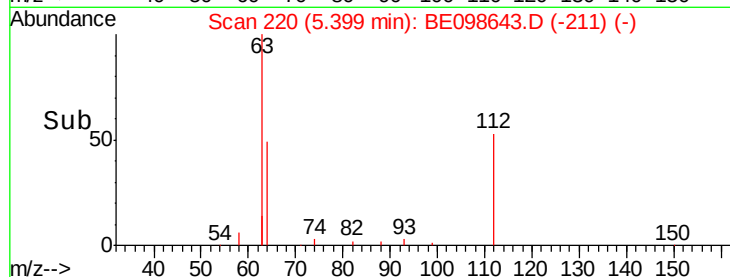
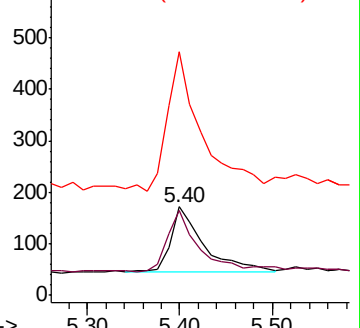
63 202.5 152.2 228.4



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: 0.096 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

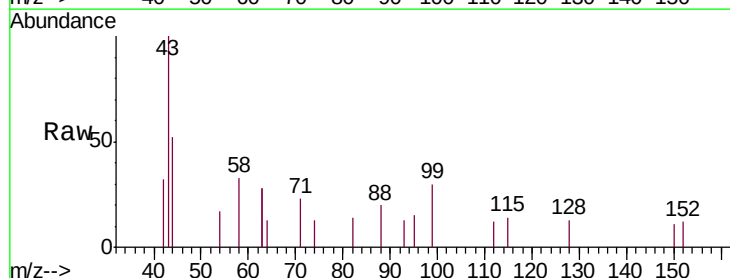
Tgt Ion: 99 Resp: 295

Ion Ratio Lower Upper

99 100

42 36.6 24.6 37.0

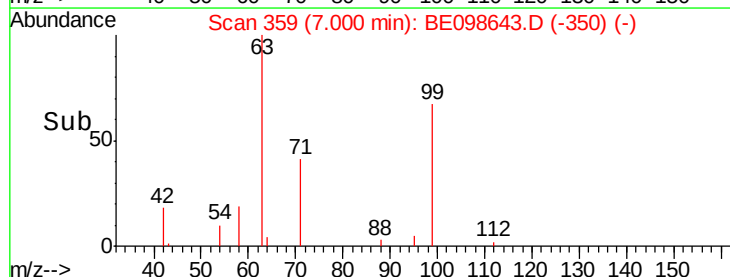
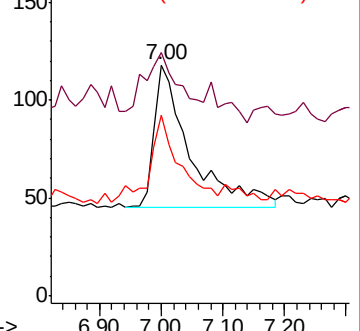
71 48.8 35.1 52.7

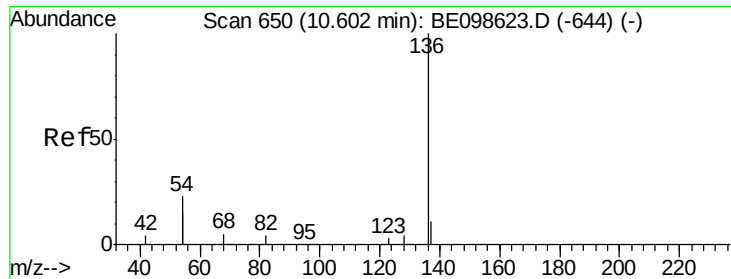


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190115

Tgt Ion: 136 Resp: 3538

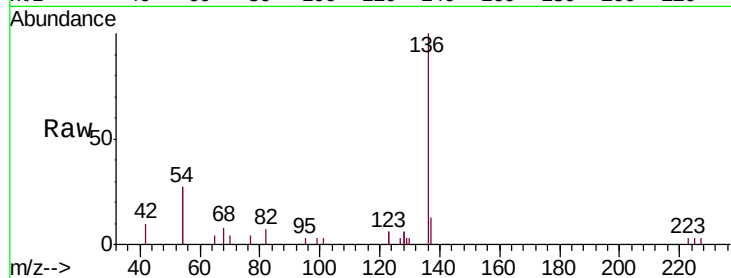
Ion Ratio Lower Upper

136 100

137 13.4 9.7 14.5

54 54.8 35.5 53.3#

68 8.3 5.0 7.6#

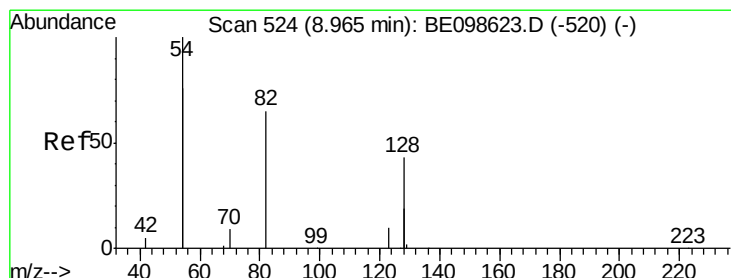
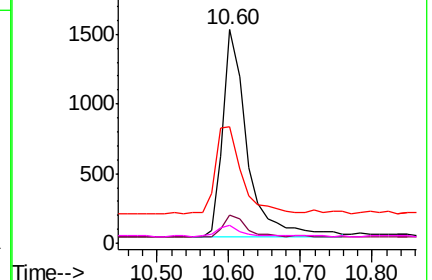
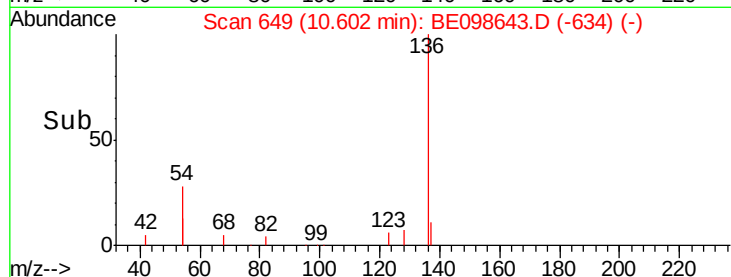


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

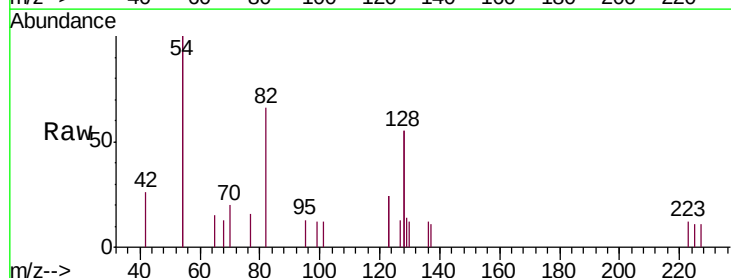
Tgt Ion: 82 Resp: 898

Ion Ratio Lower Upper

82 100

128 165.1 96.5 144.7#

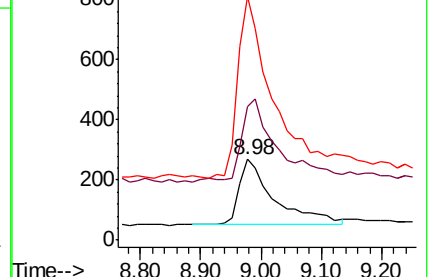
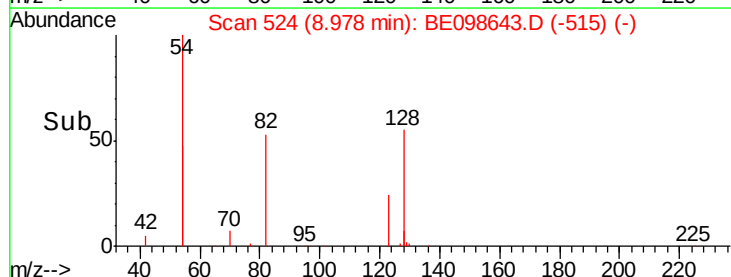
54 301.1 224.7 337.1

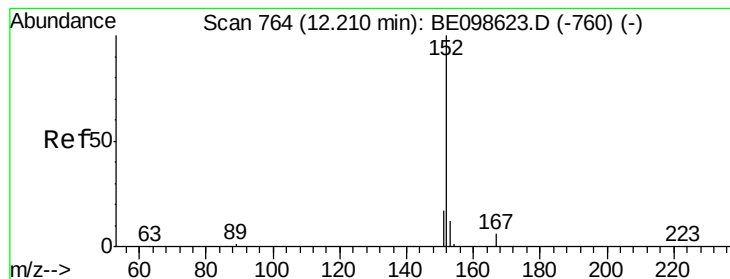


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

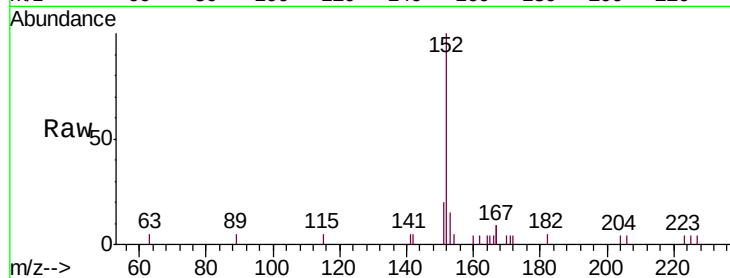
OUTFALL001-190115

Tgt Ion:152 Resp: 2264

Ion Ratio Lower Upper

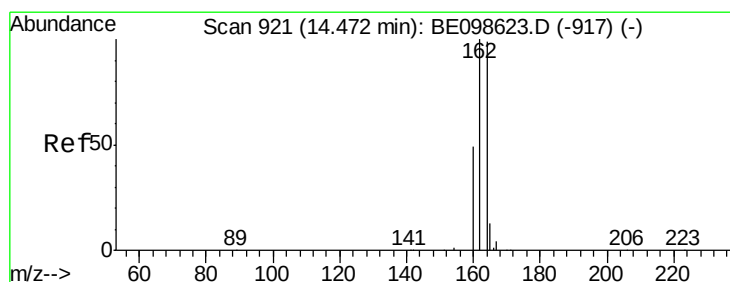
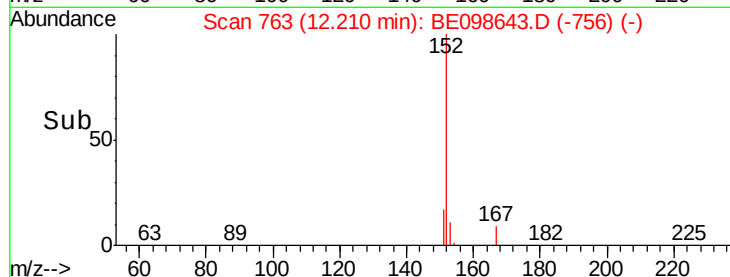
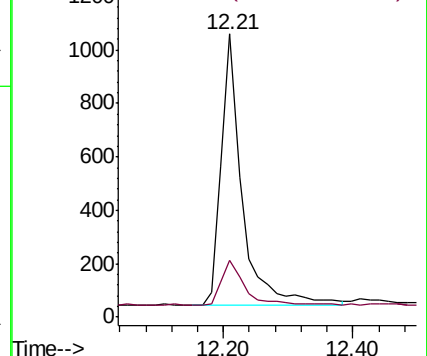
152 100

151 19.0 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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

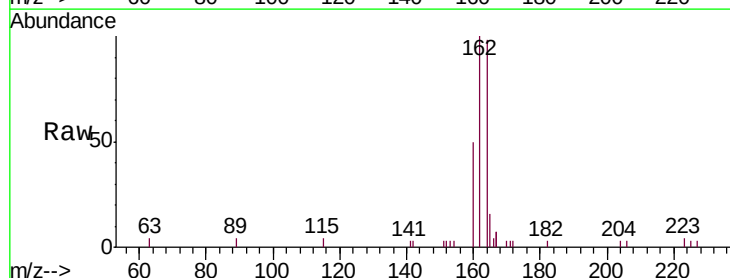
Tgt Ion:164 Resp: 2415

Ion Ratio Lower Upper

164 100

162 101.7 80.5 120.7

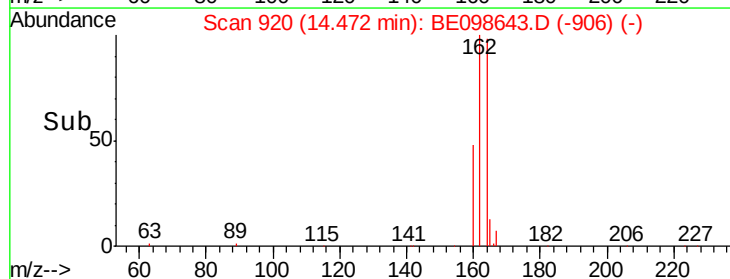
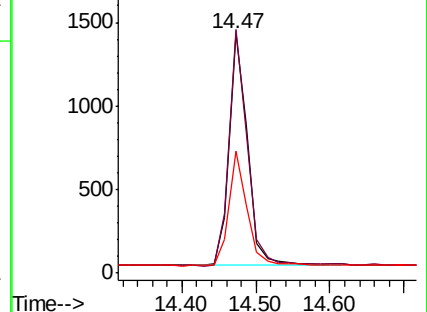
160 50.7 40.1 60.1

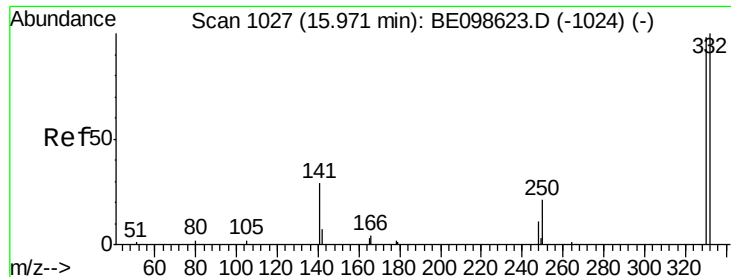


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

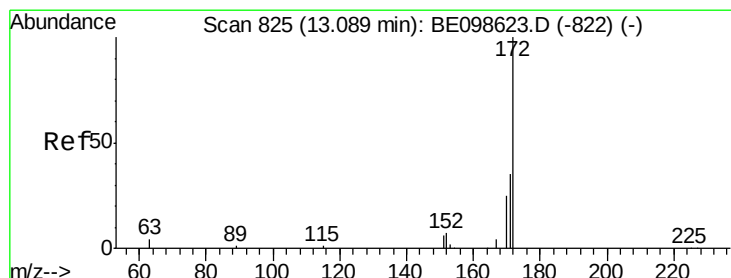
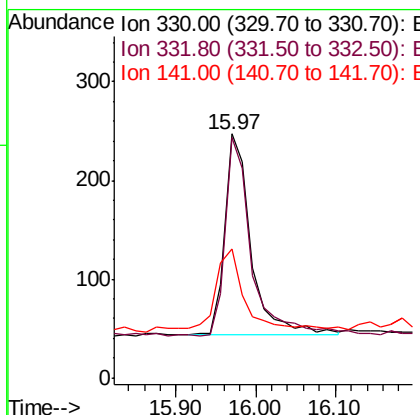
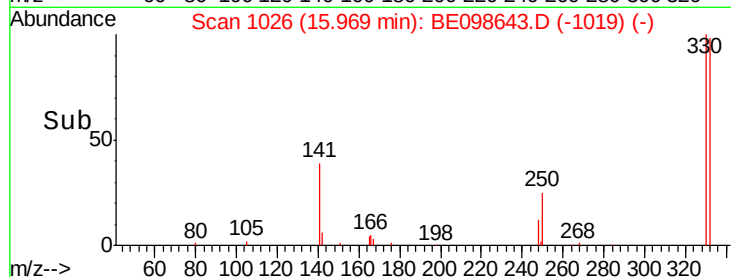
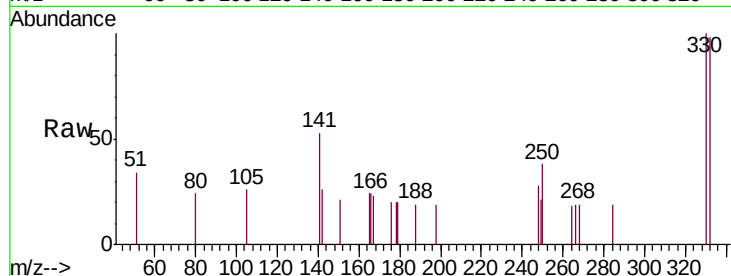




#14
 2,4,6-Tribromophenol
 Concen: 0.438 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098643.D
 Acq: 16 Jan 2019 22:06

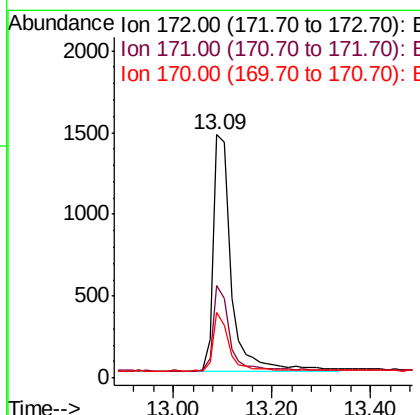
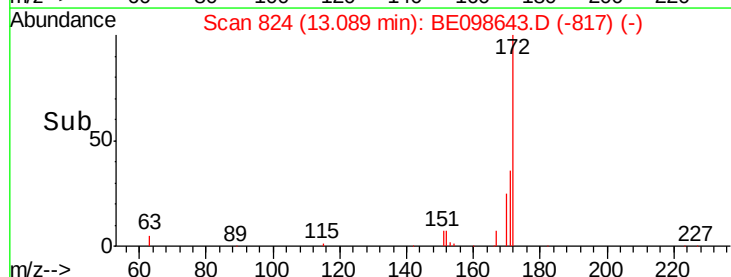
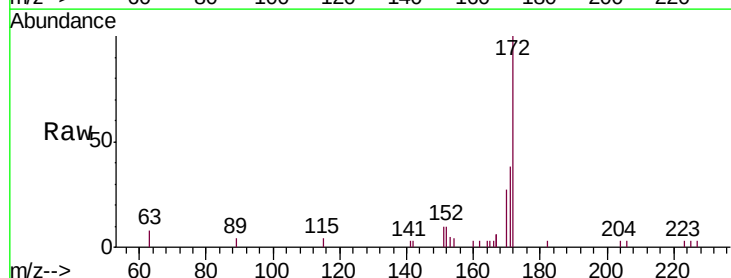
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190115

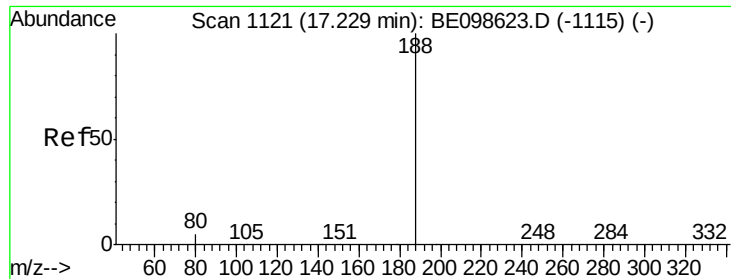
Tgt Ion:330 Resp: 460
 Ion Ratio Lower Upper
 330 100
 332 101.3 73.3 109.9
 141 39.3 33.1 49.7



#15
 2-Fluorobiphenyl
 Concen: 0.364 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098643.D
 Acq: 16 Jan 2019 22:06

Tgt Ion:172 Resp: 3604
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.0 43.4
 170 26.8 20.8 31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190115

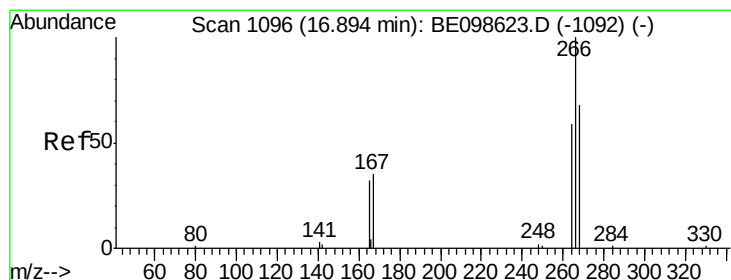
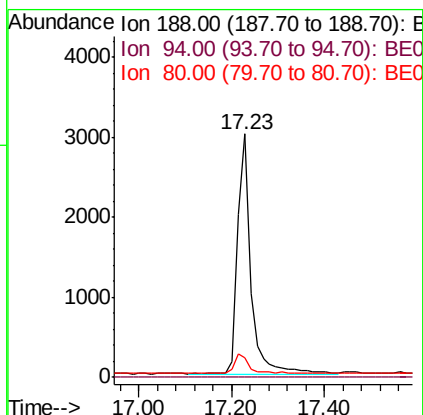
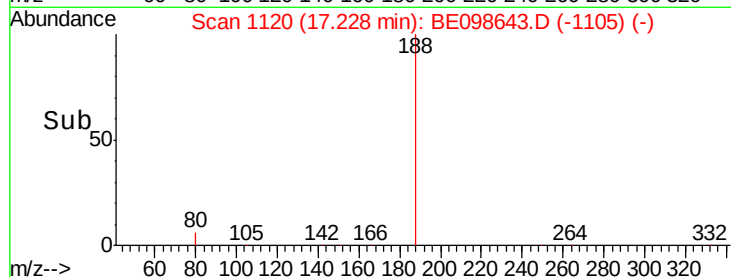
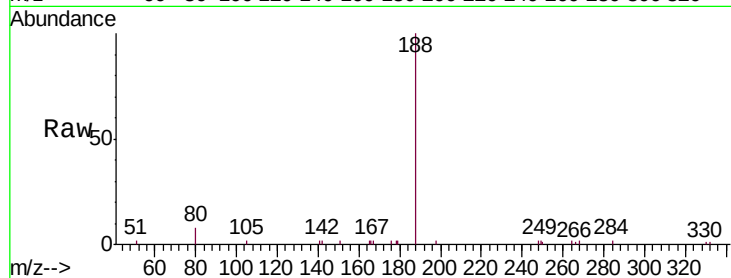
Tgt Ion:188 Resp: 5835

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 4.7 7.1#



#22

Pentachlorophenol

Concen: 0.209 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

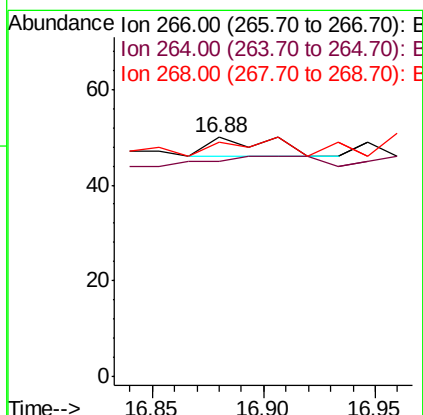
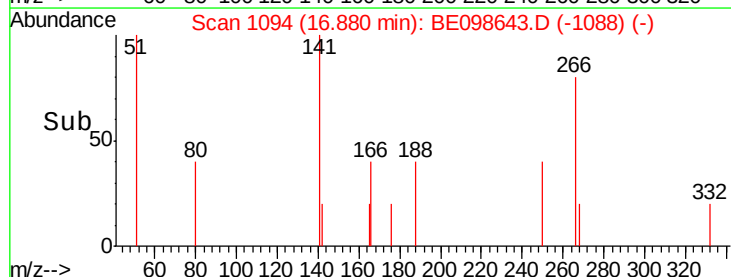
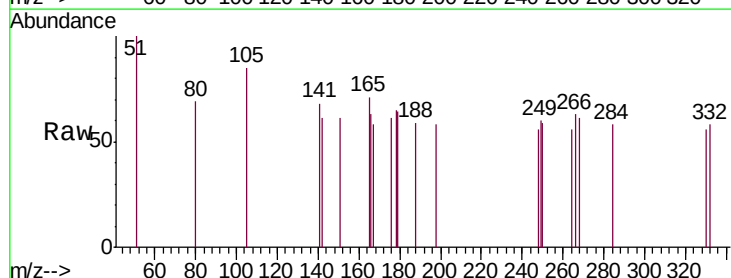
Tgt Ion:266 Resp: 8

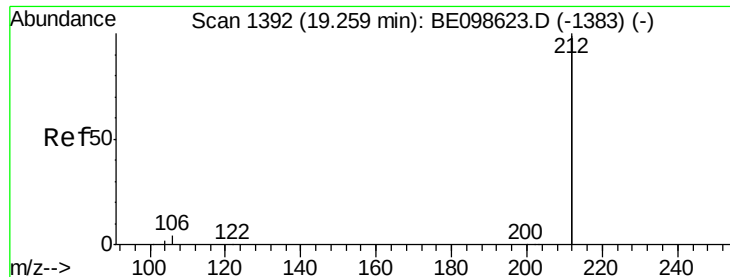
Ion Ratio Lower Upper

266 100

264 90.0 53.7 80.5#

268 98.0 59.8 89.8#





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190115

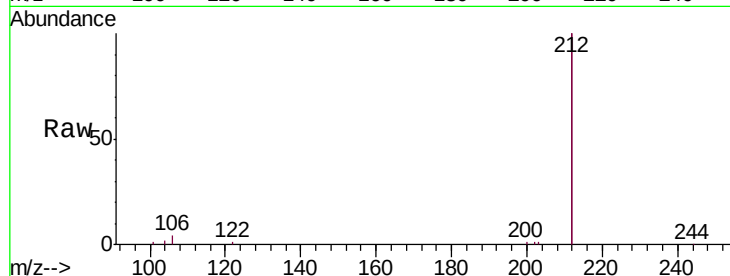
Tgt Ion:212 Resp: 28949

Ion Ratio Lower Upper

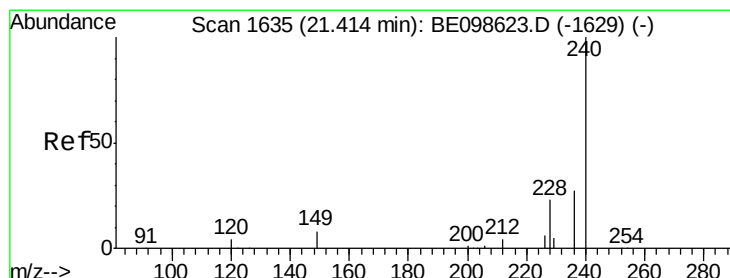
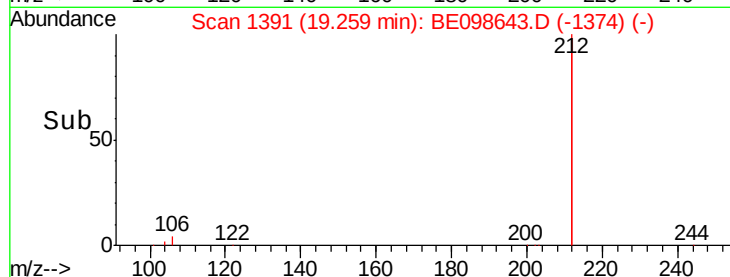
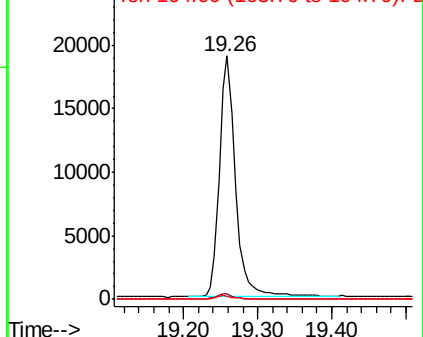
212 100

106 1.9 1.7 2.5

104 1.2 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

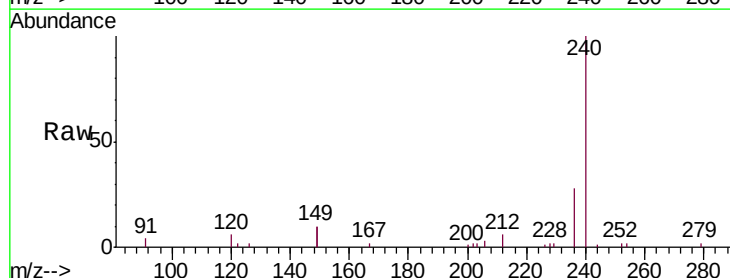
Tgt Ion:240 Resp: 6747

Ion Ratio Lower Upper

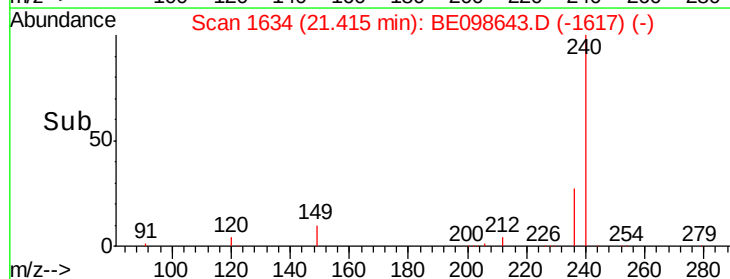
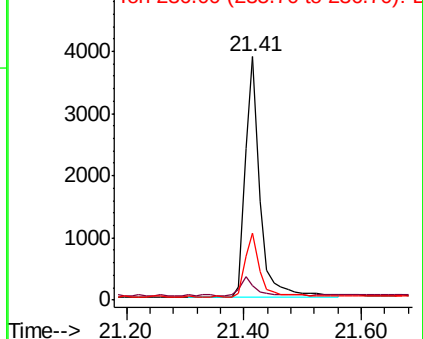
240 100

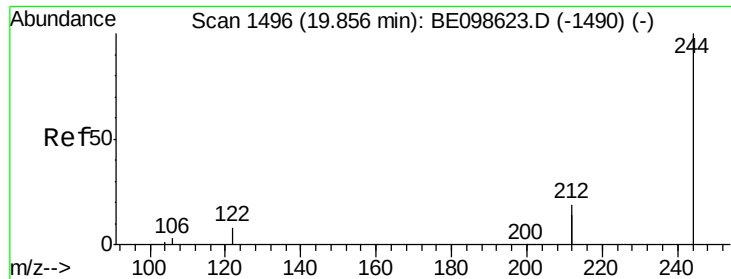
120 5.8 4.7 7.1

236 27.6 21.9 32.9



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: 0.496 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190115

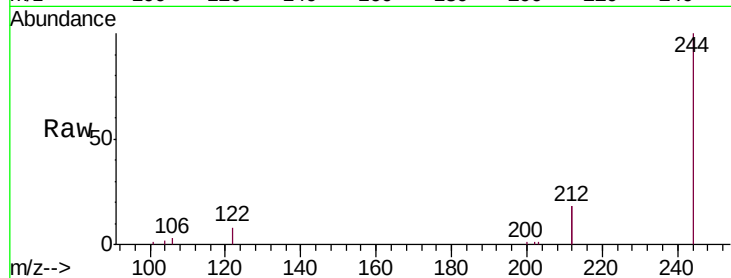
Tgt Ion:244 Resp: 7401

Ion Ratio Lower Upper

244 100

212 36.4 29.4 44.2

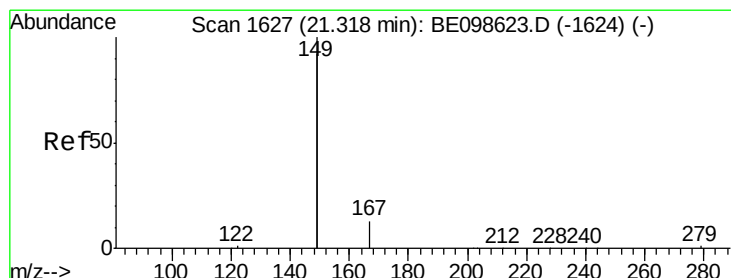
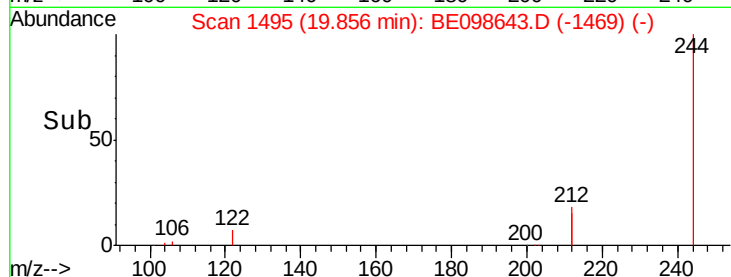
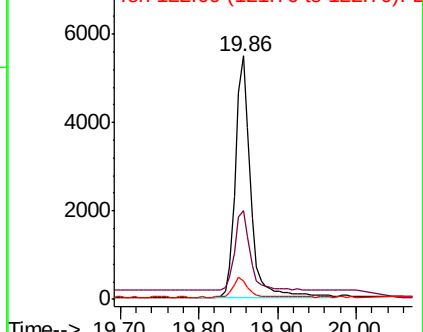
122 7.7 7.1 10.7



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: 0.092 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098643.D

Acq: 16 Jan 2019 22:06

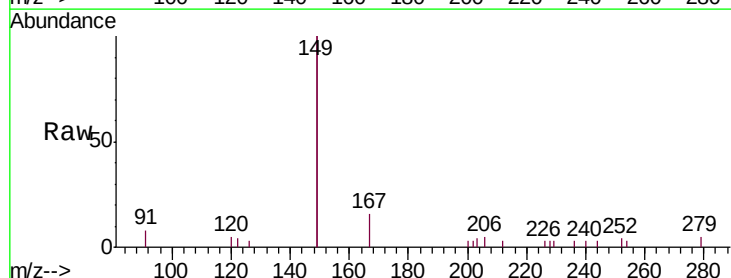
Tgt Ion:149 Resp: 3522

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.2

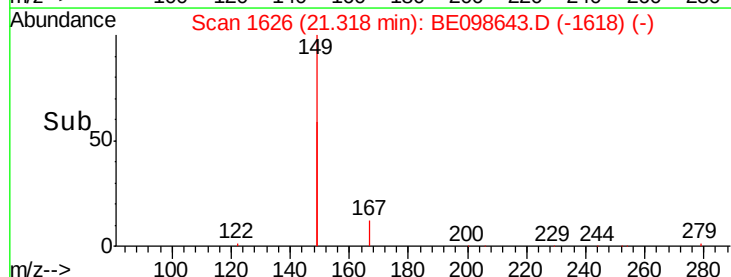
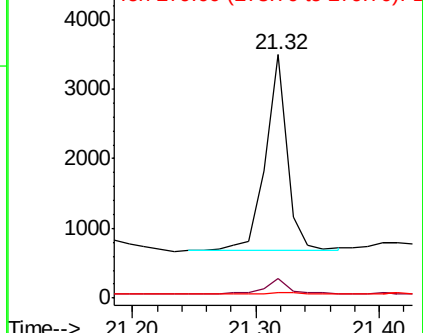
279 1.2 1.0 1.4

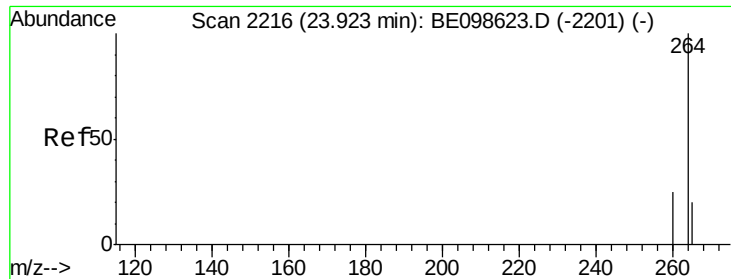


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BE098643.D

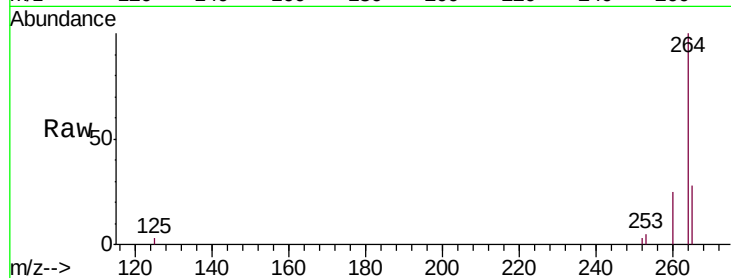
Acq: 16 Jan 2019 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190115



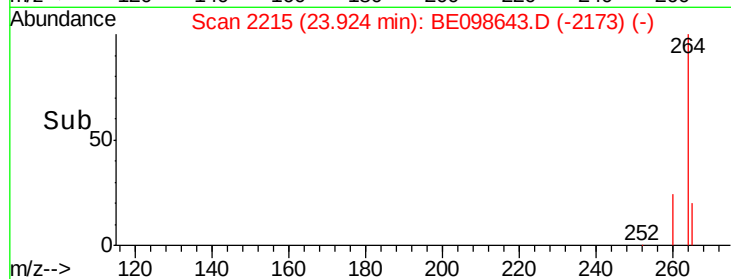
Tgt Ion: 264 Resp: 6682

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

265 28.5 22.3 33.5



Abundance Ion 264.00 (263.70 to 264.70): E

4000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

