

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112918\
 Data File : BE098280.D
 Acq On : 29 Nov 2018 18:53
 Operator : SJ/JU
 Sample : J6059-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181120

Quant Time: Nov 30 01:41:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1421	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5675	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3494	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8423	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11500	0.40	ng	0.00
34) Perylene-d12	24.01	264	11474	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	635	0.17	ng	0.01
5) Phenol-d6	7.05	99	520	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2348	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3802	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	701	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7908	0.55	ng	0.00
25) Fluoranthene-d10	19.31	212	54286	0.48	ng	0.00
29) Terphenyl-d14	19.91	244	11103	0.43	ng	0.00

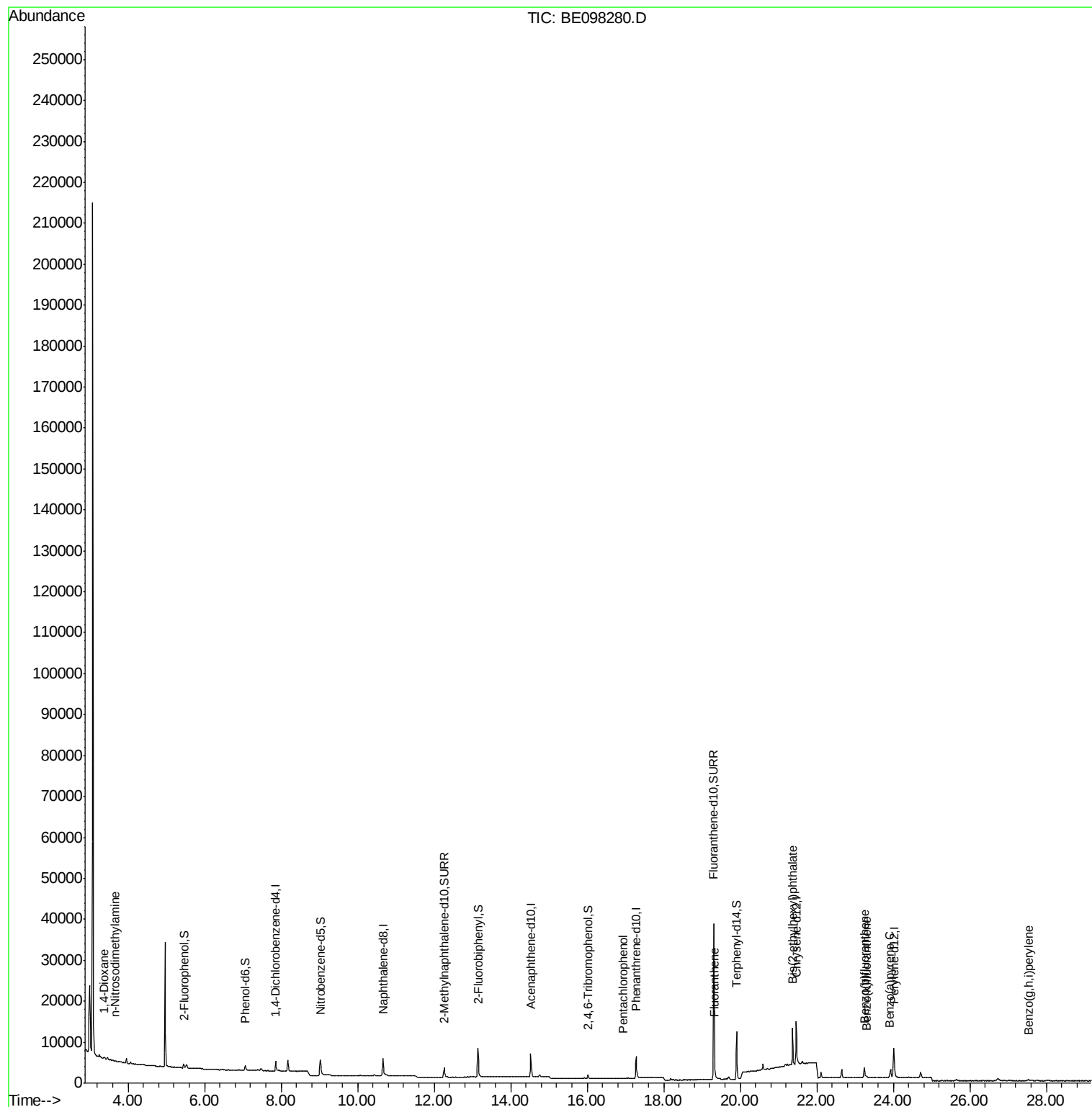
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	182	0.046	ng	# 37
3) n-Nitrosodimethylamine	3.66	42	77	0.028	ng	# 100
22) Pentachlorophenol	16.94	266	34	0.110	ng	# 87
26) Fluoranthene	19.34	202	574	0.020	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.37	149	10285	0.127	ng	100
35) Benzo(b)fluoranthene	23.24	252	1097	0.033	ng	# 1
36) Benzo(k)fluoranthene	23.29	252	718	0.020	ng	# 6
37) Benzo(a)pyrene	23.90	252	903	0.028	ng	# 1
39) Benzo(g,h,i)perylene	27.54	276	714	0.023	ng	# 46

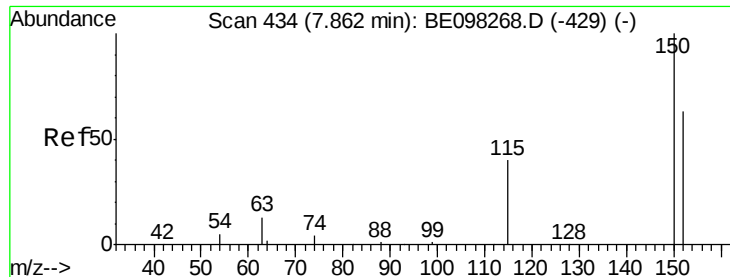
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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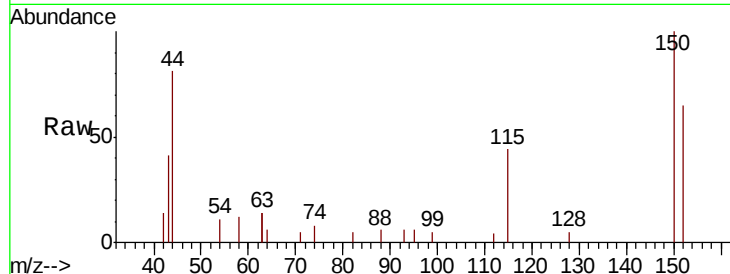


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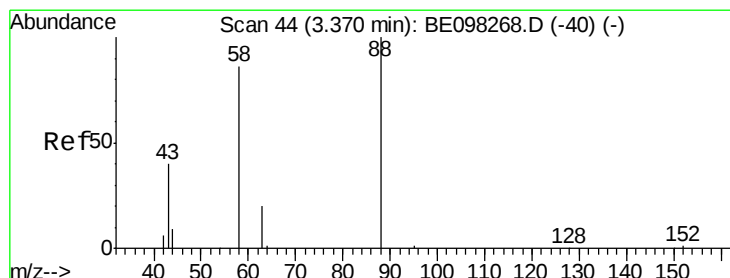
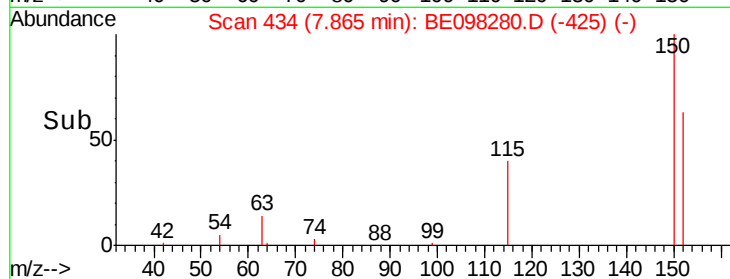
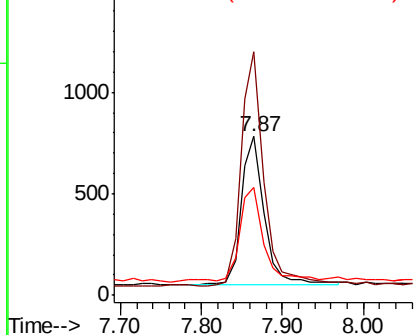
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181120

Tgt Ion:152 Resp: 1421
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.4
115 67.7 53.9 80.9



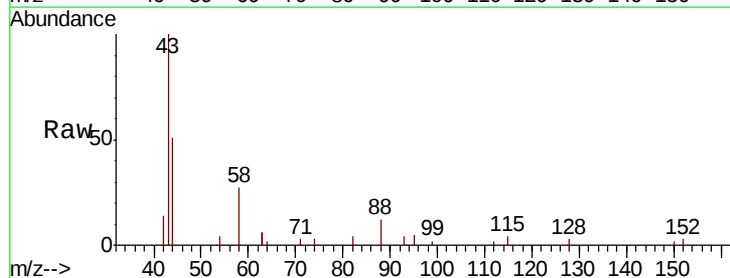
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



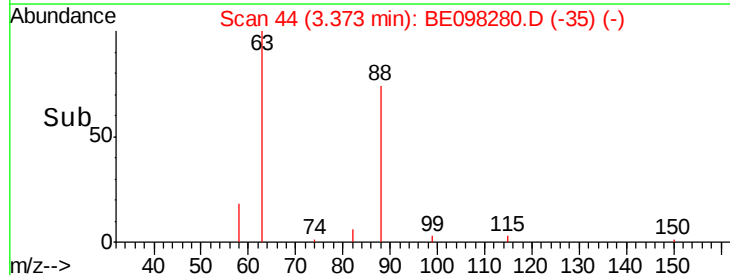
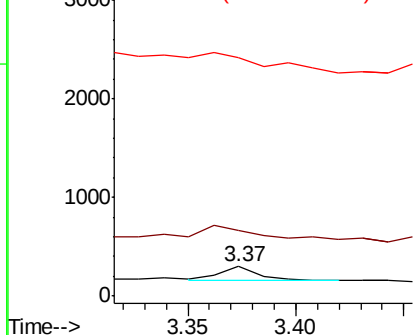
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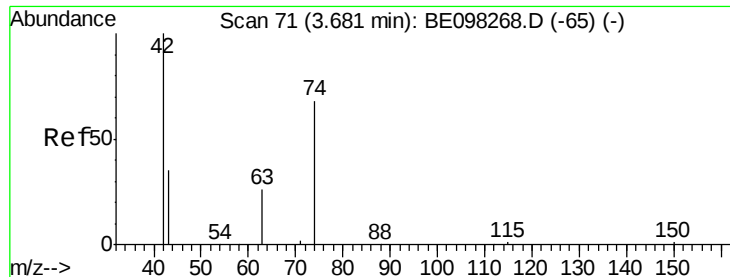
1,4-Dioxane
Concen: 0.046 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
58 150.5 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





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.02 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

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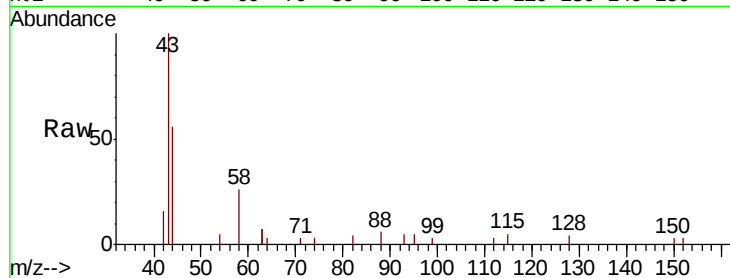
Tgt Ion: 42 Resp: 77

Ion Ratio Lower Upper

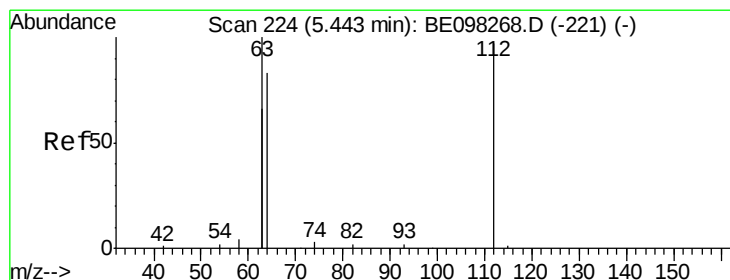
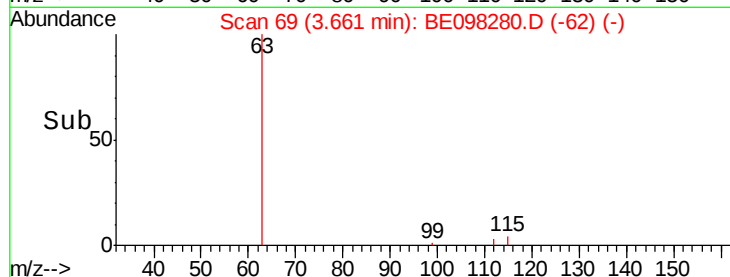
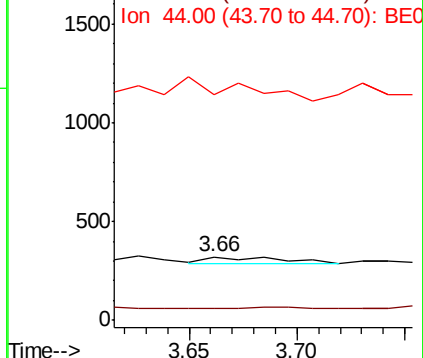
42 100

74 0.0 0.0 0.0

44 405.2 0.0 0.0#



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: 0.167 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

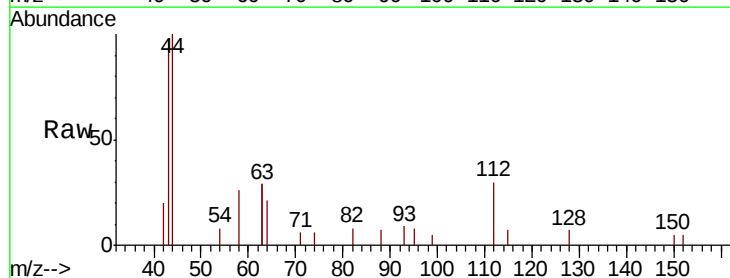
Tgt Ion: 112 Resp: 635

Ion Ratio Lower Upper

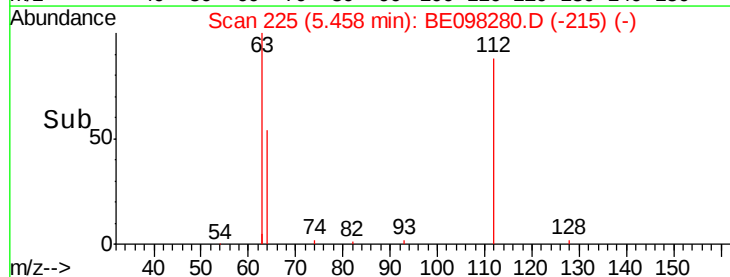
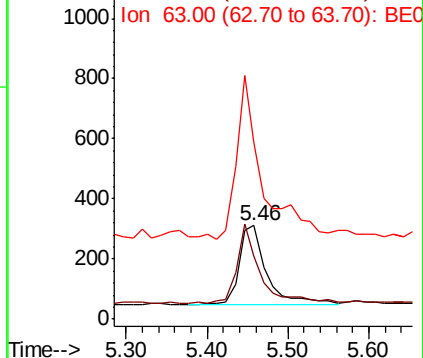
112 100

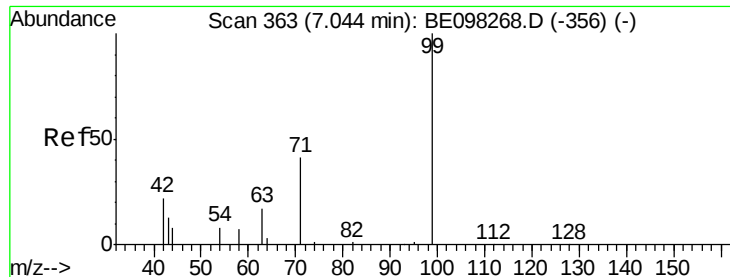
64 86.5 59.8 89.8

63 181.3 133.7 200.5



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: 0.097 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

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OUTFALL001-181120

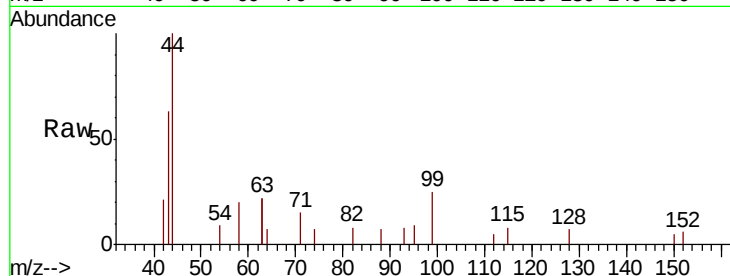
Tgt Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 43.3 26.3 39.5#

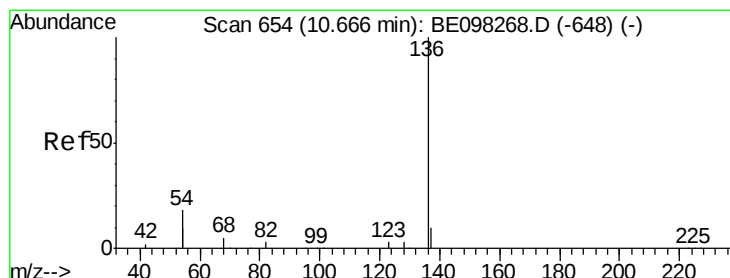
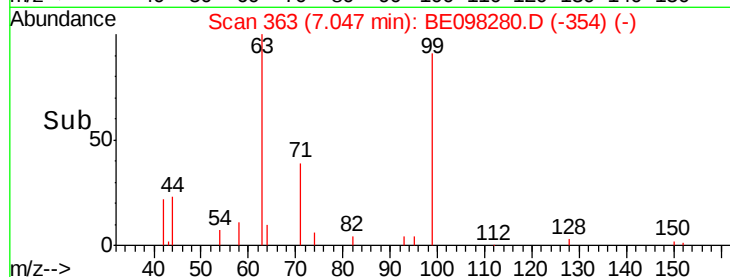
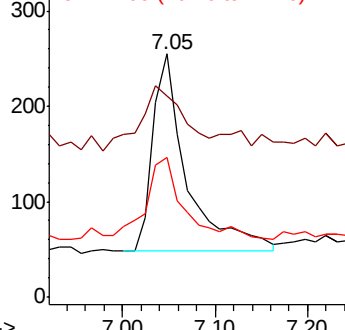
71 46.2 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Tgt Ion: 136 Resp: 5675

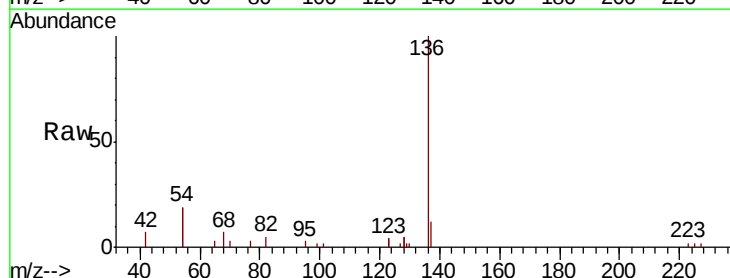
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 38.0 28.4 42.6

68 7.0 5.4 8.0

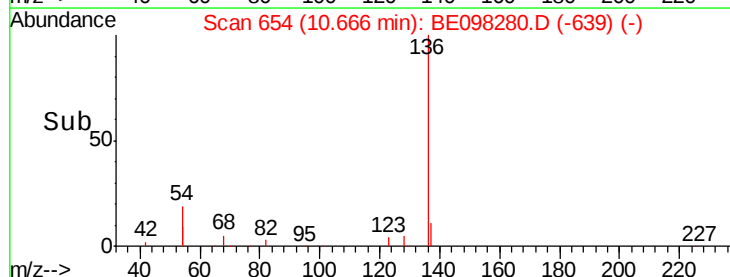
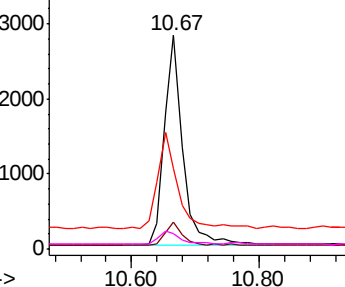


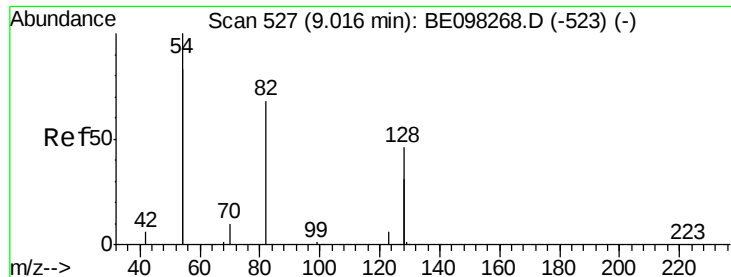
Abundance Ion 136.00 (135.70 to 136.70): E

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

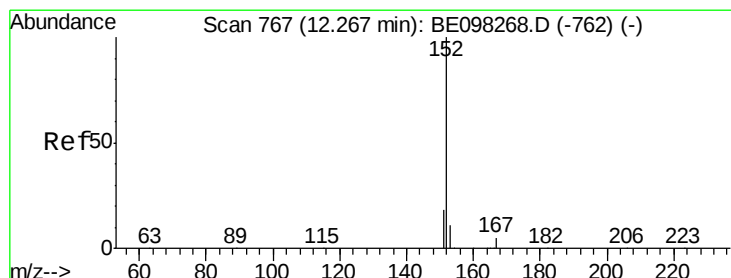
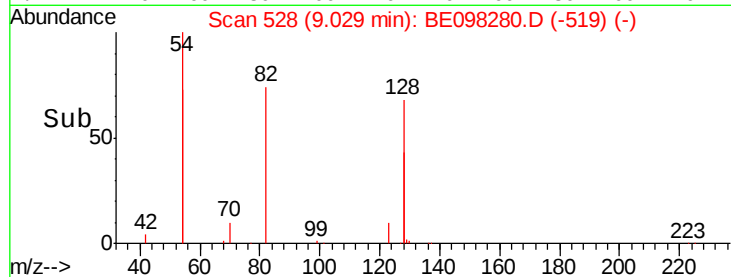
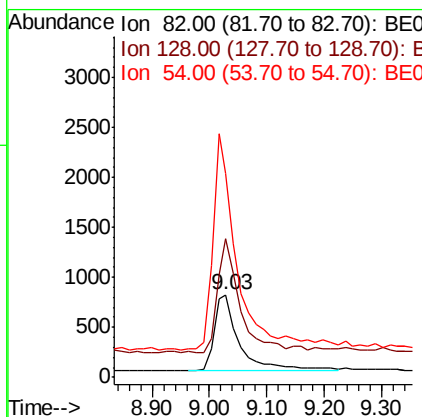
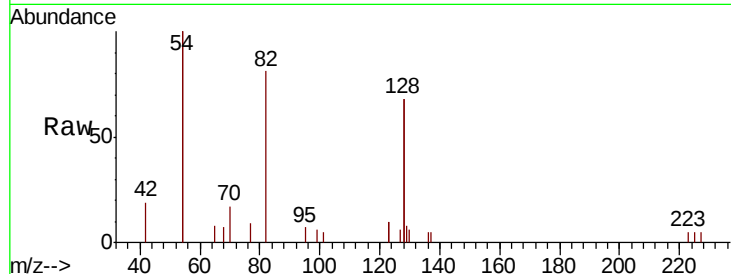




#8
 Nitrobenzene-d5
 Concen: 0.409 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

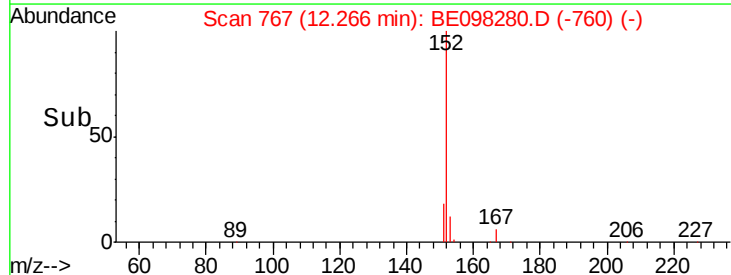
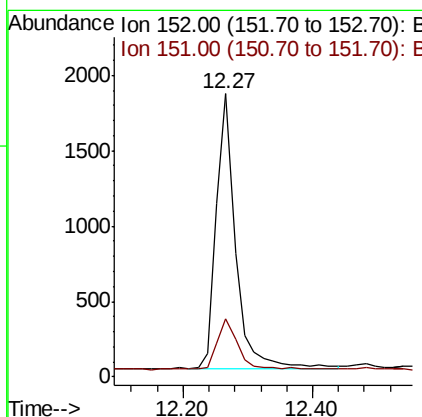
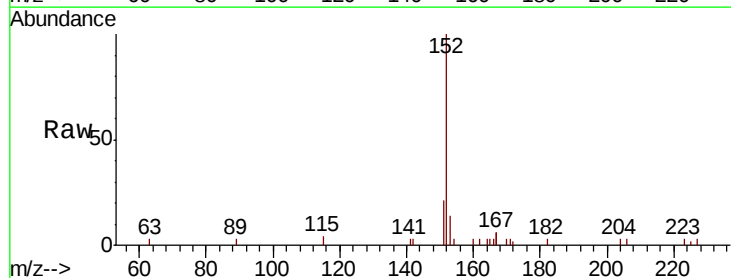
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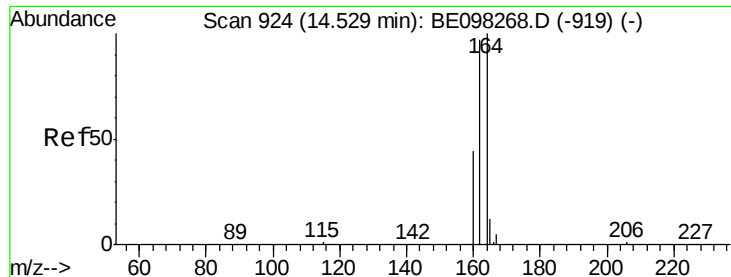
Tgt Ion: 82 Resp: 2348
 Ion Ratio Lower Upper
 82 100
 128 168.4 102.4 153.6#
 54 247.6 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Tgt Ion: 152 Resp: 3802
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.2 24.4

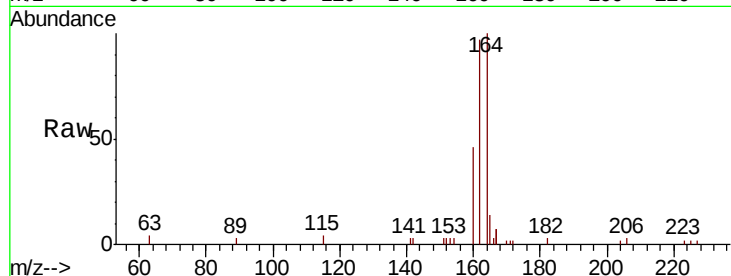




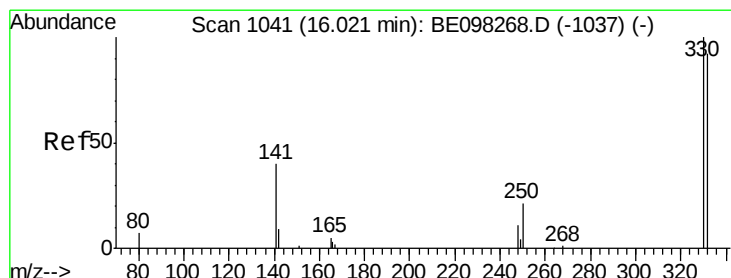
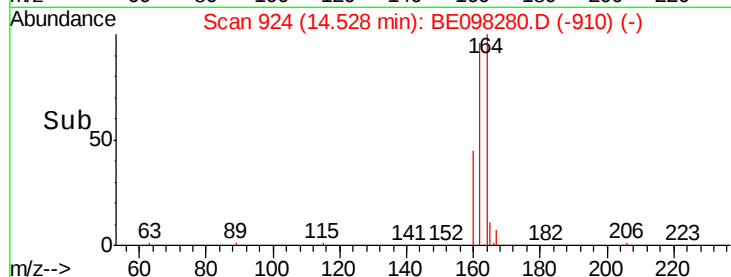
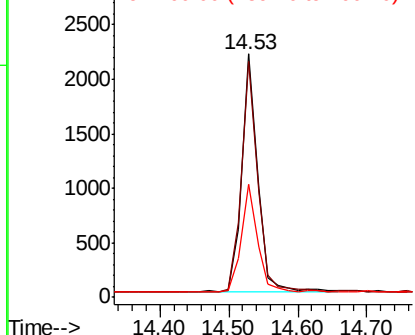
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181120

Tgt Ion:164 Resp: 3494
Ion Ratio Lower Upper
164 100
162 96.7 77.6 116.4
160 46.2 36.0 54.0

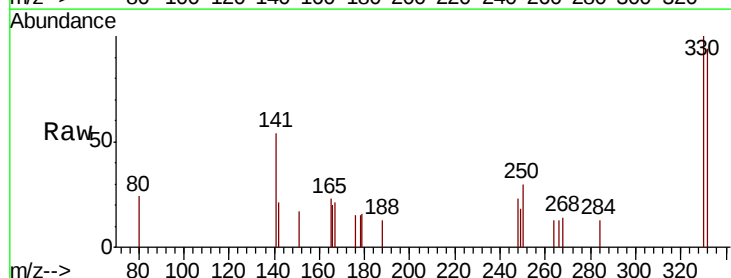


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

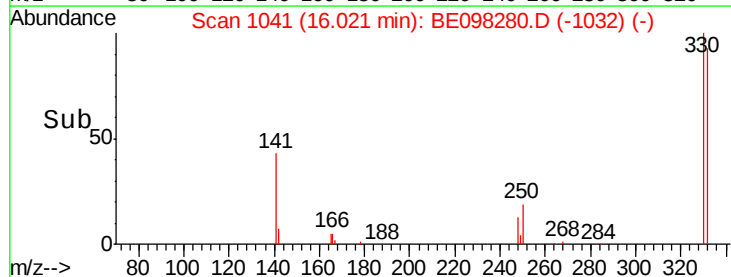
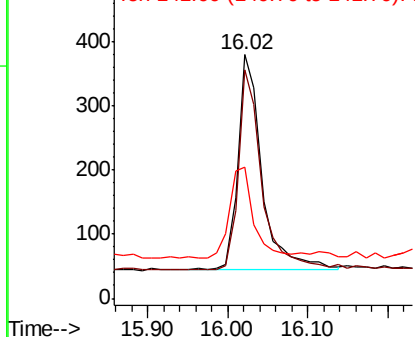


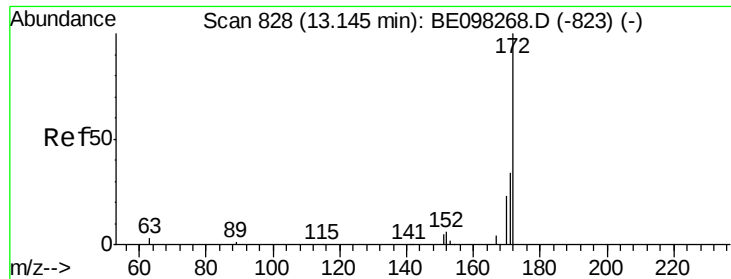
#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Tgt Ion:330 Resp: 701
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 41.7 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

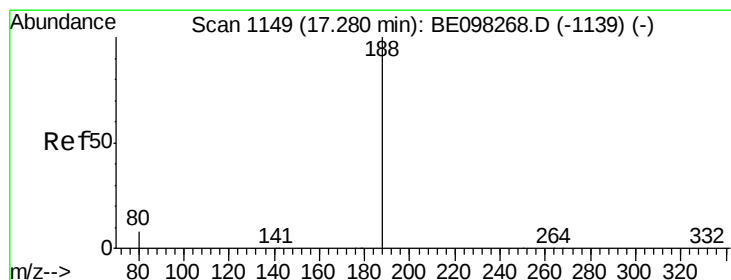
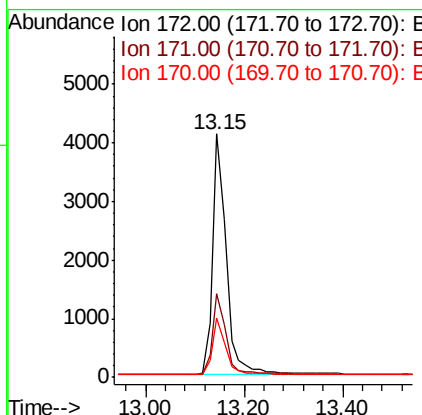
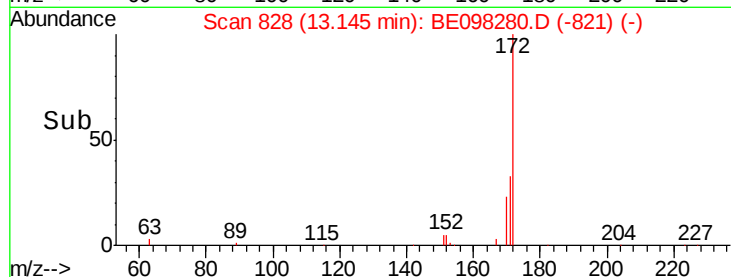
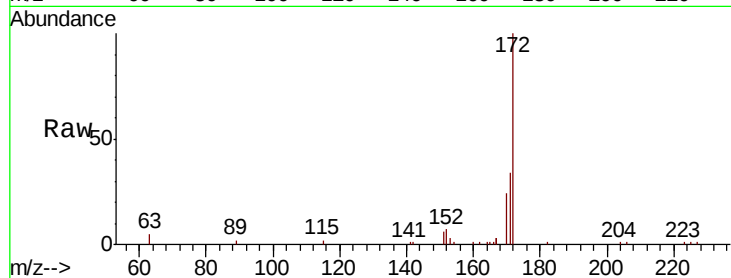




#15
 2-Fluorobiphenyl
 Concen: 0.547 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

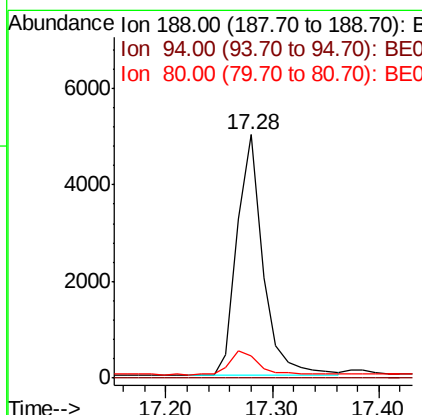
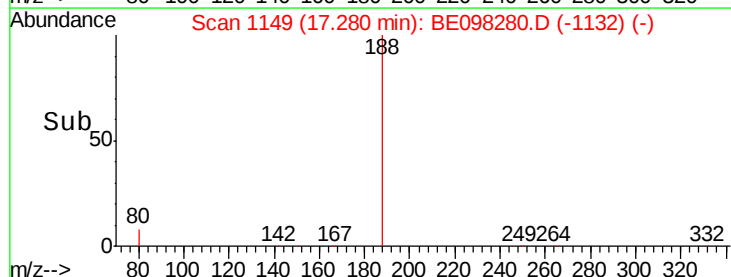
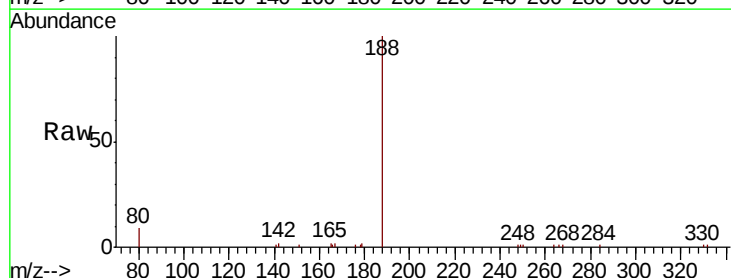
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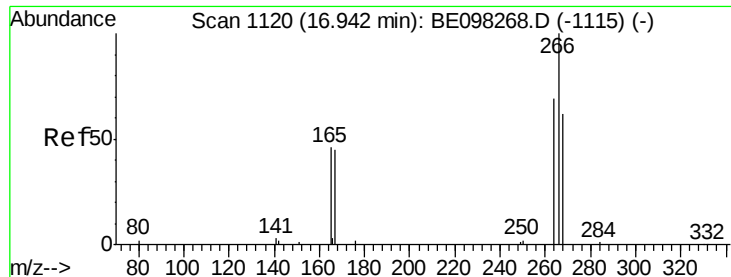
Tgt Ion:172 Resp: 7908
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.5 41.3
 170 24.1 19.6 29.4



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.28 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Tgt Ion:188 Resp: 8423
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.1 7.2 10.8

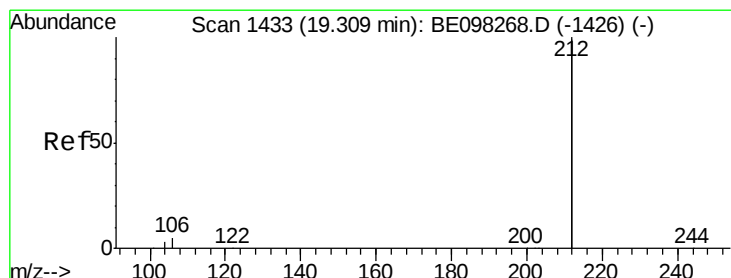
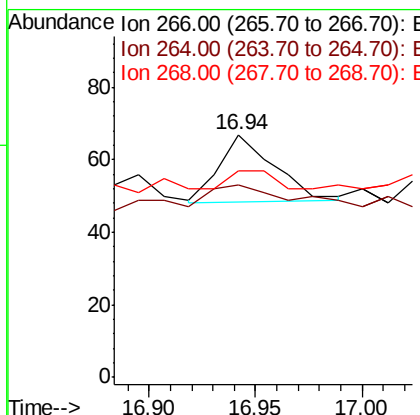
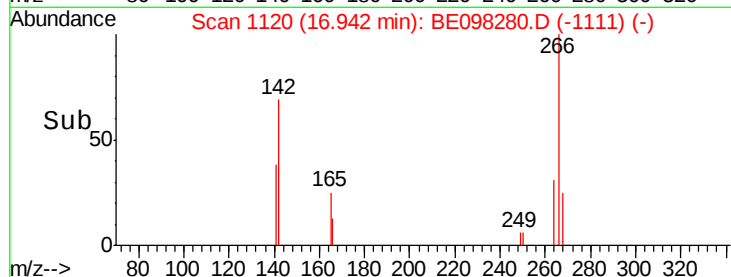
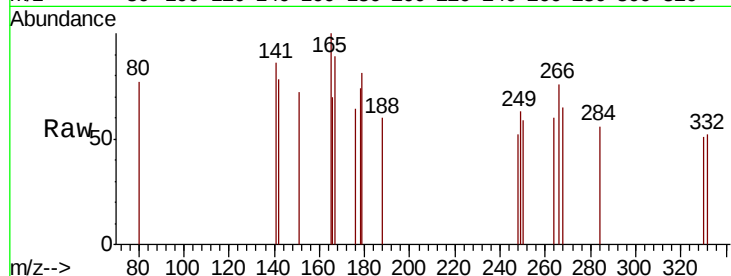




#22
 Pentachlorophenol
 Concen: 0.110 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

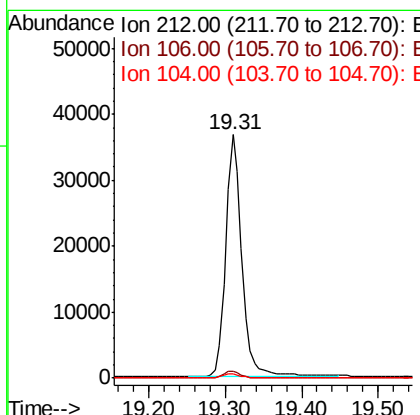
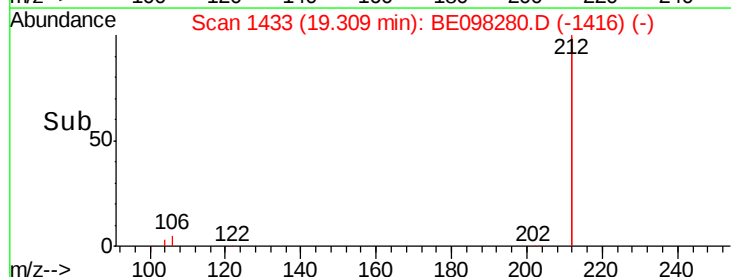
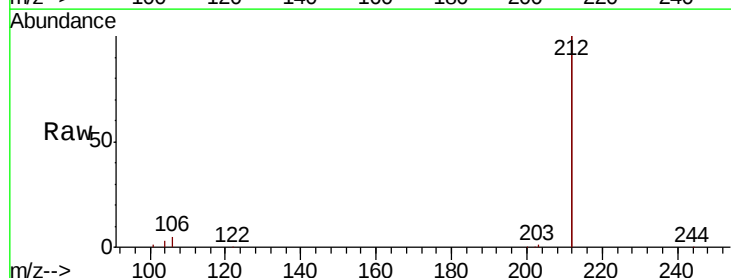
Instrument :
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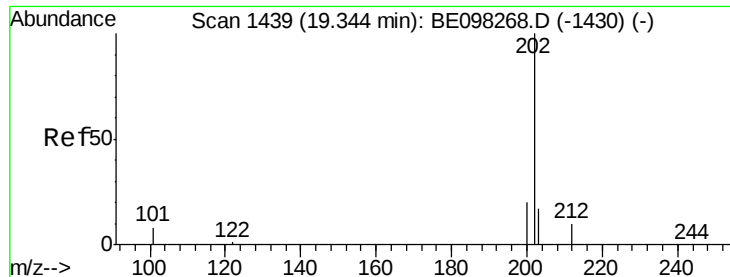
Tgt Ion: 266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 264 79.1 59.0 88.4
 268 85.1 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.478 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Tgt Ion: 212 Resp: 54286
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.6 1.3 1.9

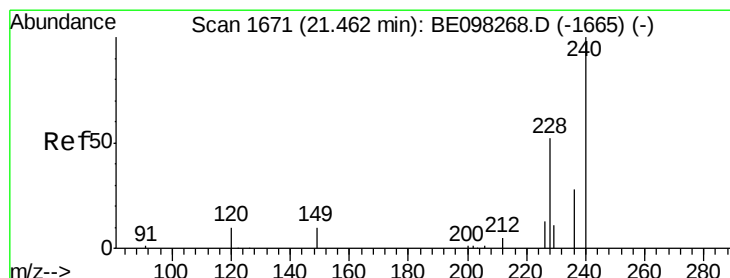
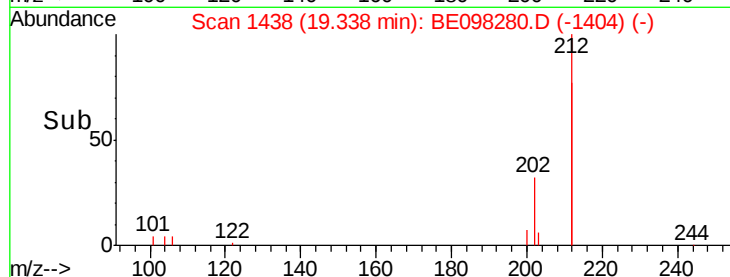
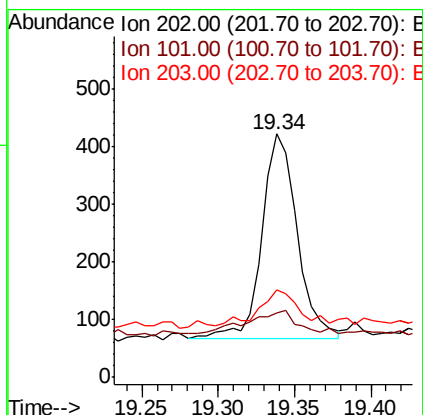
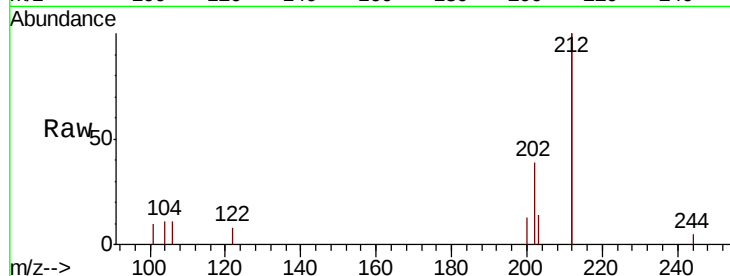




#26
Fluoranthene
Concen: 0.020 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

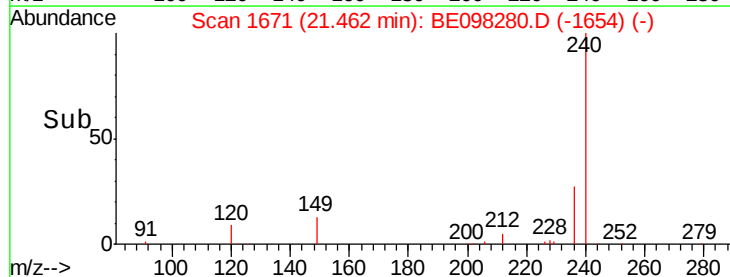
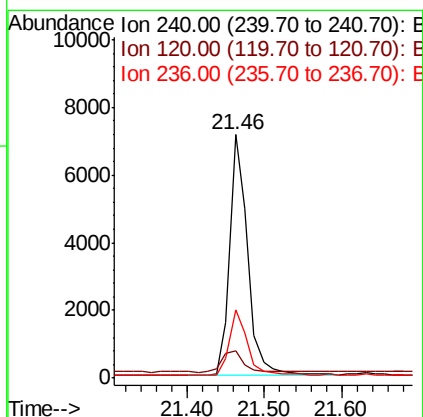
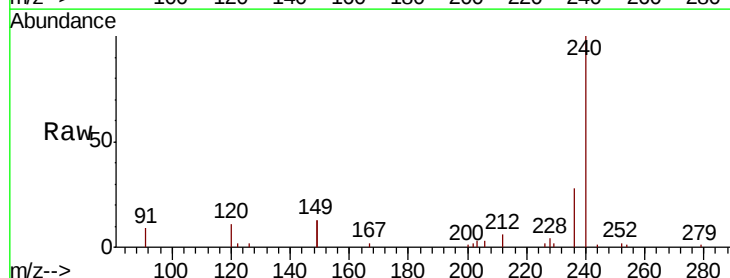
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181120

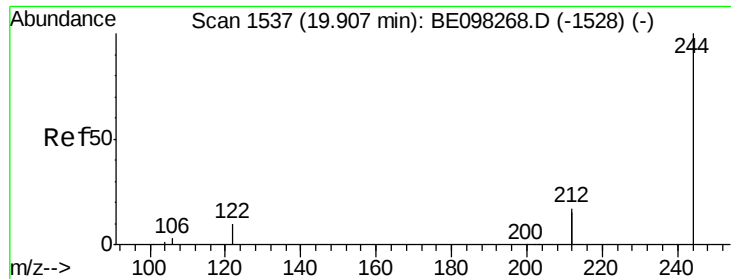
Tgt Ion:202 Resp: 574
Ion Ratio Lower Upper
202 100
101 16.9 8.0 12.0#
203 20.0 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Tgt Ion:240 Resp: 11500
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 28.1 22.7 34.1





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181120

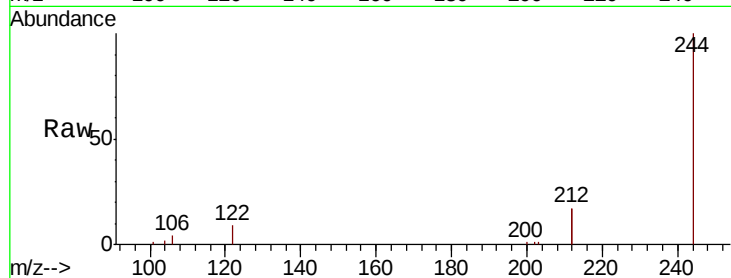
Tgt Ion:244 Resp: 11103

Ion Ratio Lower Upper

244 100

212 33.8 27.4 41.0

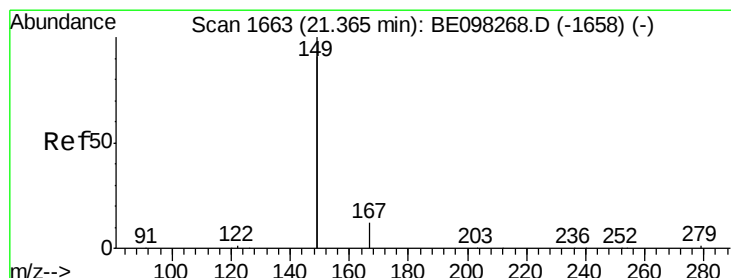
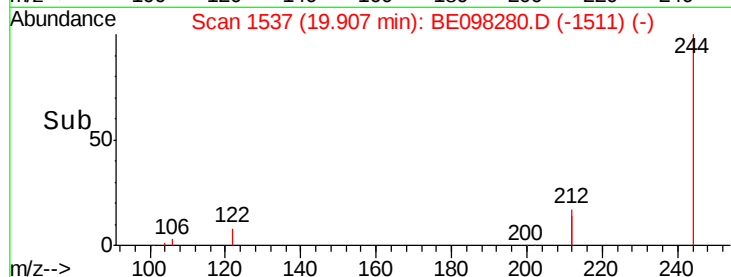
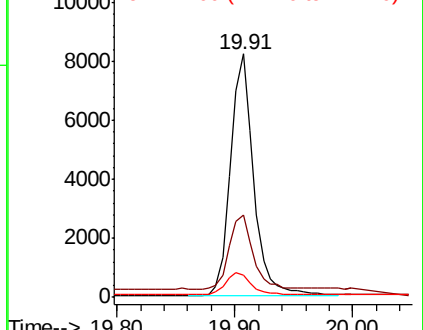
122 9.3 8.3 12.5



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: 0.127 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

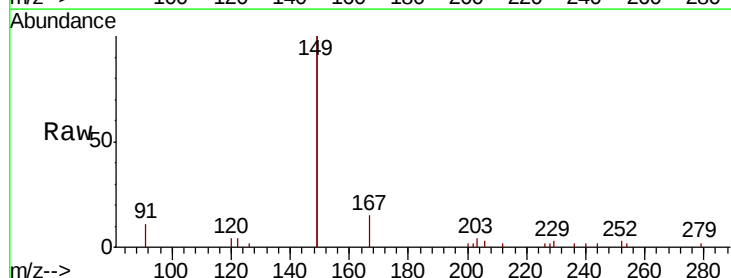
Tgt Ion:149 Resp: 10285

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

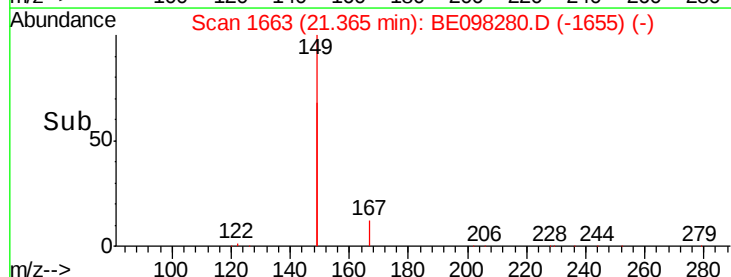
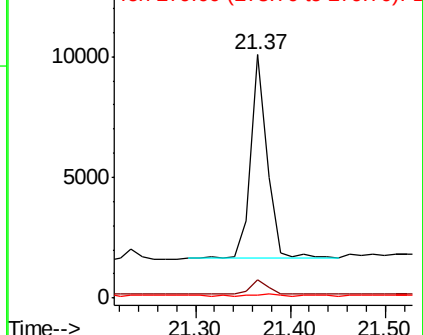
279 1.2 1.0 1.4

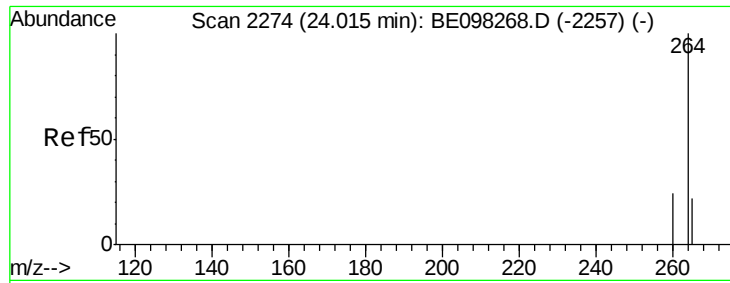


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

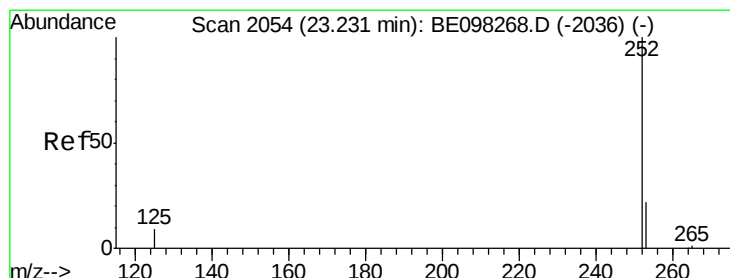
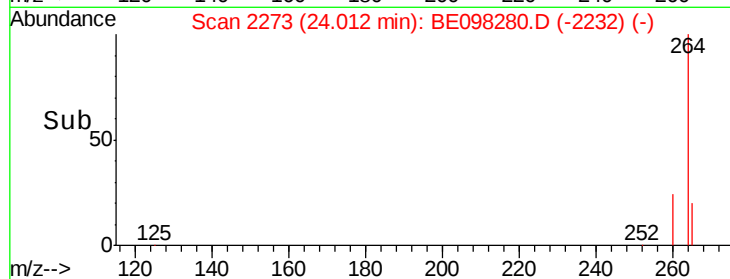
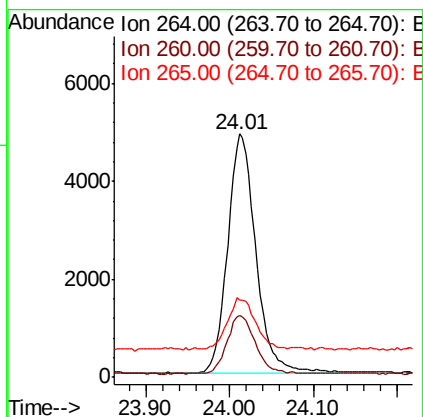
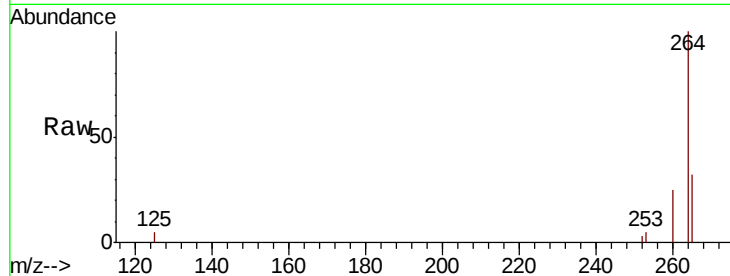




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

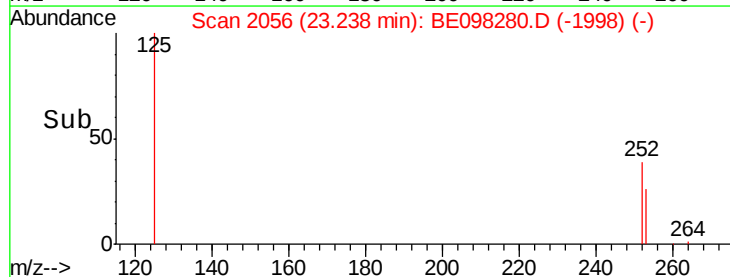
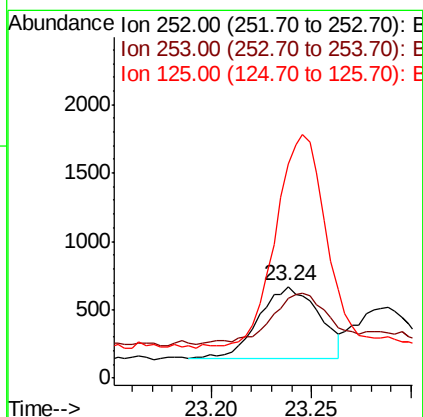
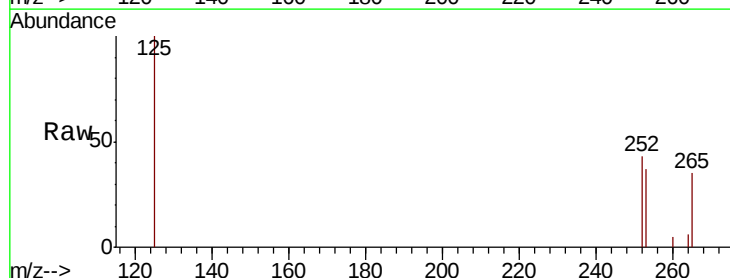
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181120

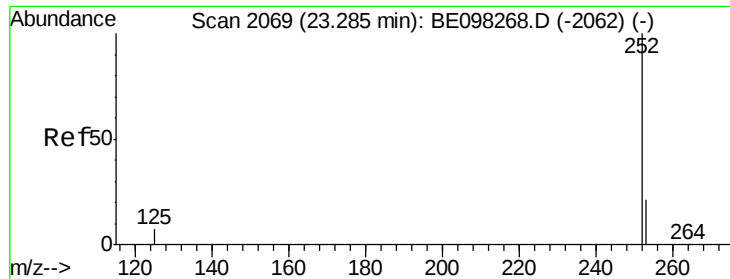
Tgt Ion: 264 Resp: 11474
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 31.6 25.2 37.8



#35
 Benzo(b)fluoranthene
 Concen: 0.033 ng
 RT: 23.24 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Tgt Ion: 252 Resp: 1097
 Ion Ratio Lower Upper
 252 100
 253 87.4 20.0 30.0#
 125 233.8 9.6 14.4#





#36

Benzo(k)fluoranthene

Concen: 0.020 ng

RT: 23.29 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181120

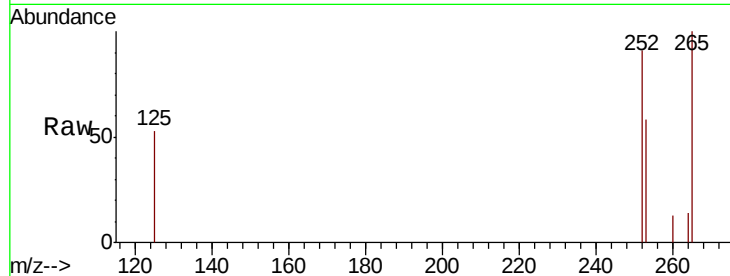
Tgt Ion:252 Resp: 718

Ion Ratio Lower Upper

252 100

253 63.8 19.0 28.6#

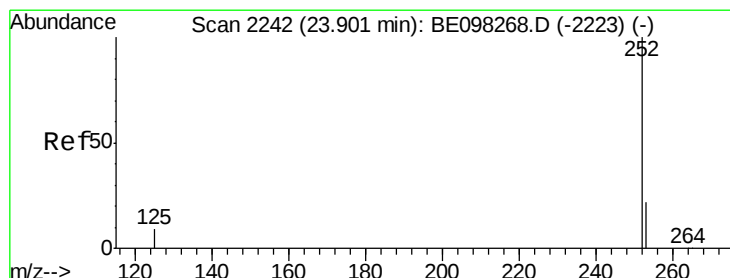
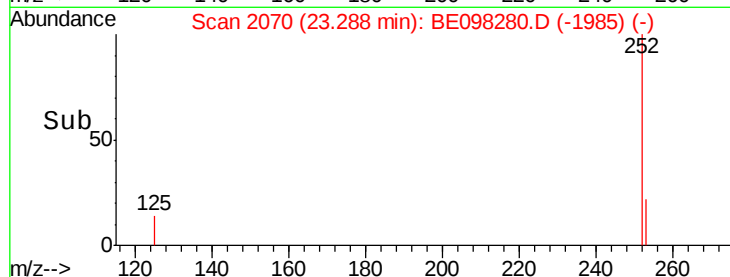
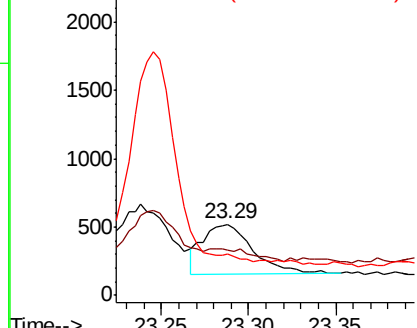
125 57.6 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.028 ng

RT: 23.90 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

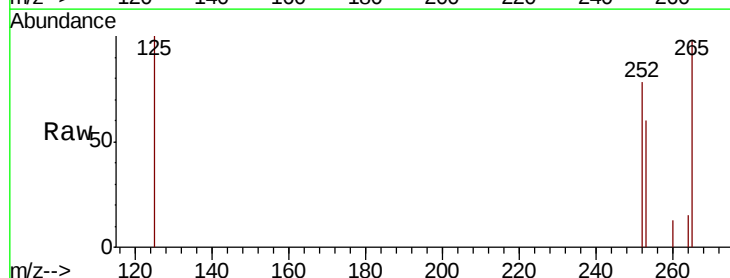
Tgt Ion:252 Resp: 903

Ion Ratio Lower Upper

252 100

253 76.2 20.6 30.8#

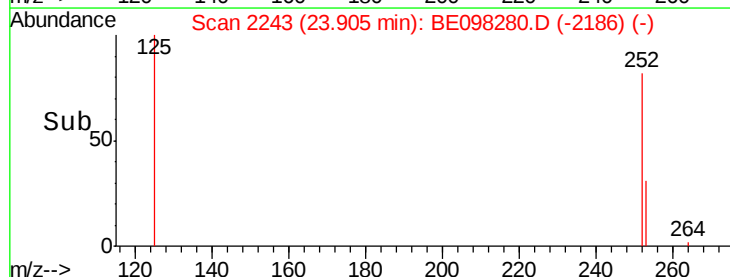
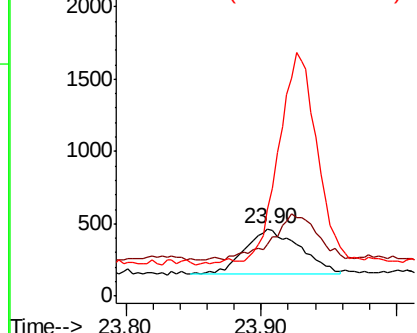
125 127.9 10.5 15.7#

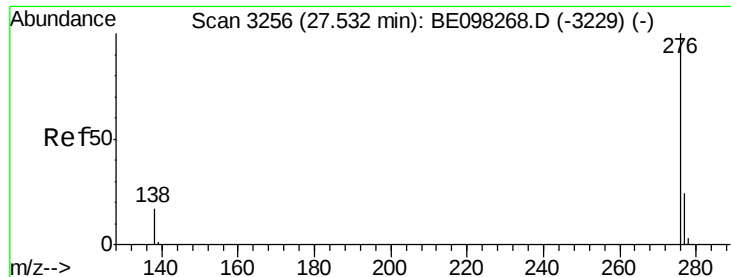


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 27.54 min Scan# 3258

Delta R.T. 0.01 min

Lab File: BE098280.D

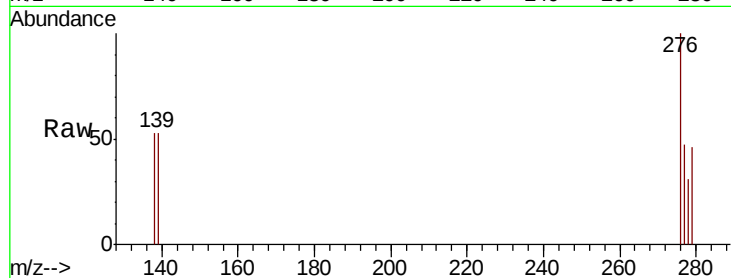
Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181120



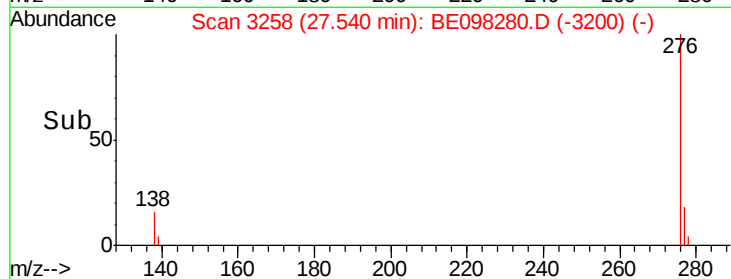
Tgt Ion: 276 Resp: 714

Ion Ratio Lower Upper

276 100

277 46.6 20.8 31.2#

138 53.0 15.8 23.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

