

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098837.D
 Acq On : 8 Mar 2019 16:49
 Operator : JU/SJ
 Sample : K1781-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190305

Quant Time: Mar 09 00:45:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

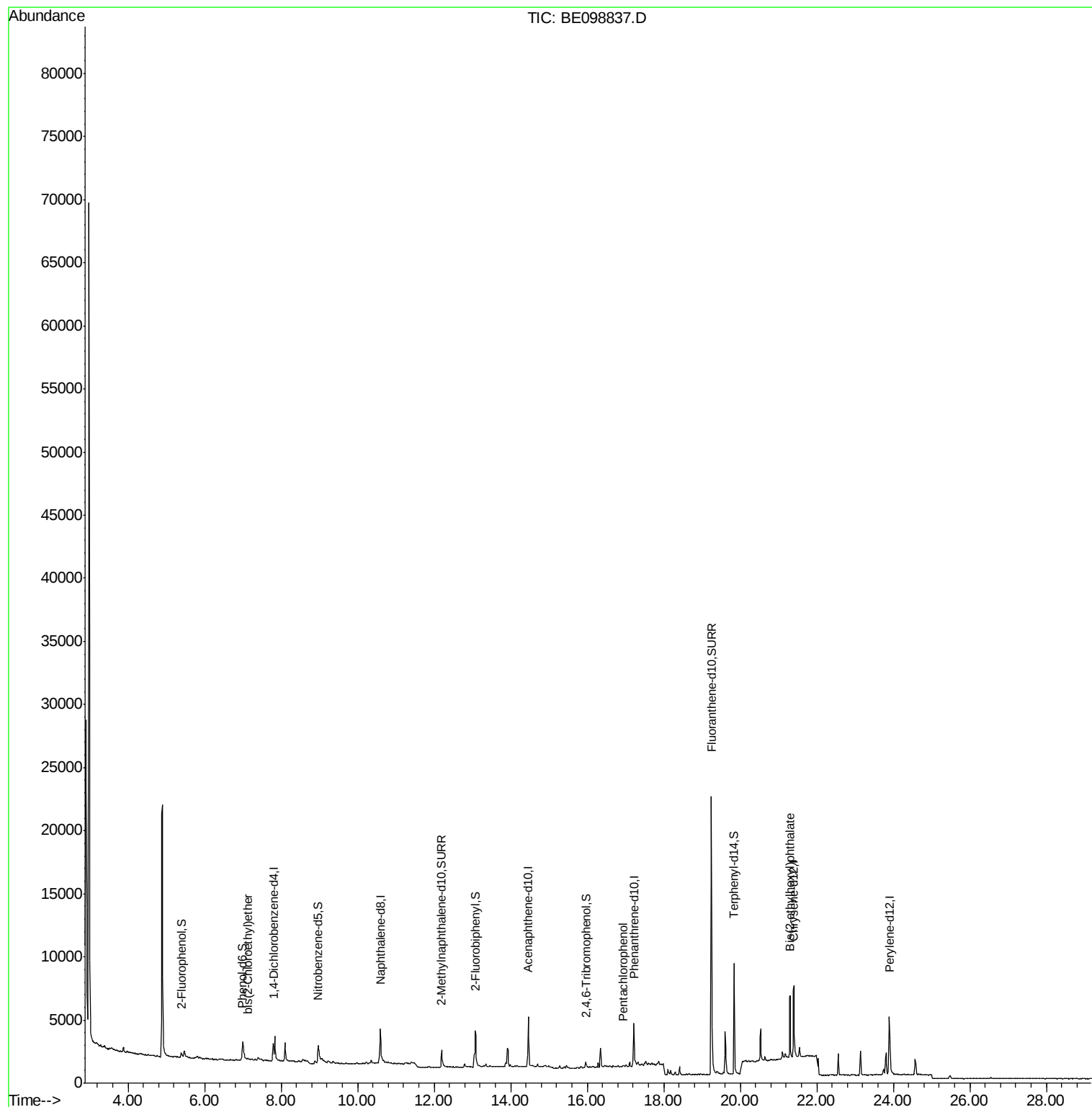
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	896	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3656	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2432	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6061	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7872	0.40	ng	0.00
34) Perylene-d12	23.89	264	7755	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	311	0.12	ng	0.01
5) Phenol-d6	6.98	99	368	0.10	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1344	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2343	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	423	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3806	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	33236	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	8232	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	76	Below Cal	Qvalue #	38
6) bis(2-Chloroethyl)ether	7.14	93	85	0.029 ng	#	1
22) Pentachlorophenol	16.93	266	7	0.270 ng		86
32) Bis(2-ethylhexyl)phthalate	21.29	149	7340	0.140 ng		99

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

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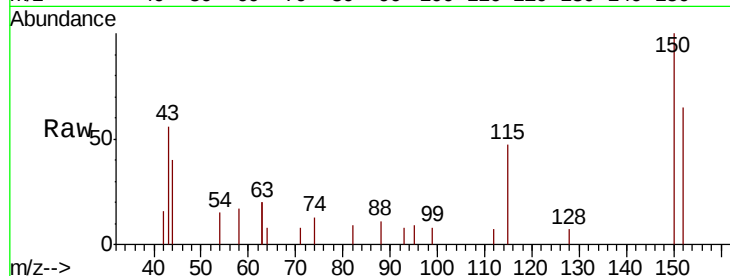


#1

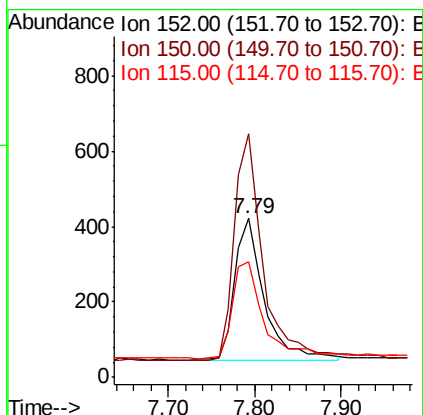
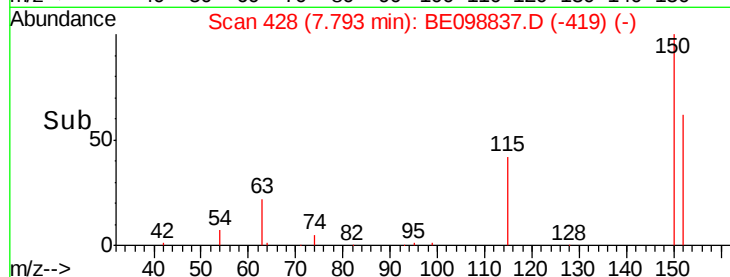
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098837.D
Acq: 8 Mar 2019 16:49

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190305

Tot Ion:152 Resp: 896
Ion Ratio Lower Upper
152 100
150 153.4 122.5 183.7
115 72.7 57.4 86.2



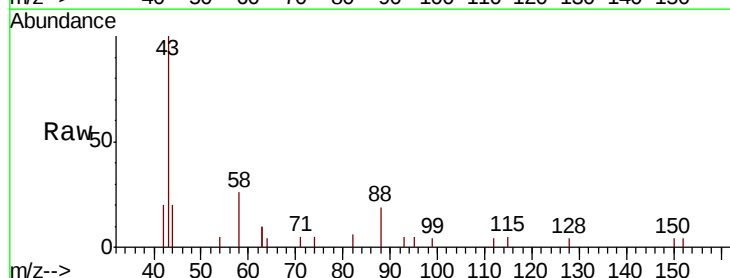
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



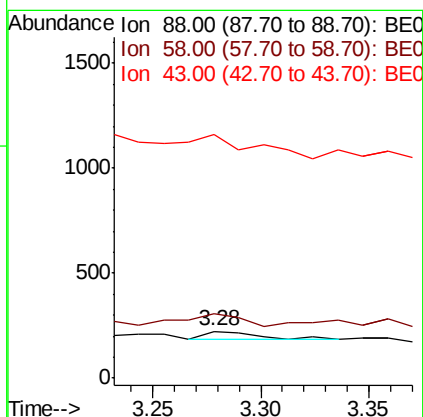
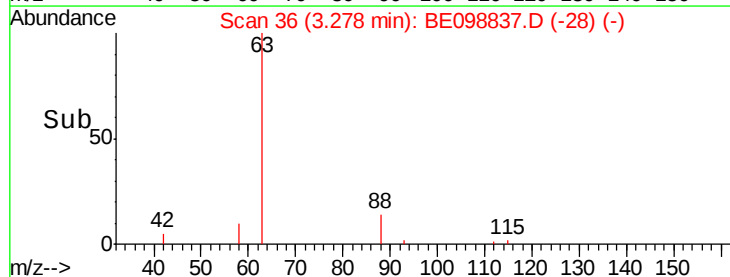
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098837.D
Acq: 8 Mar 2019 16:49

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
58 148.7 75.8 113.6#
43 0.0 41.8 62.8#



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





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098837.D

Acq: 8 Mar 2019 16:49

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190305

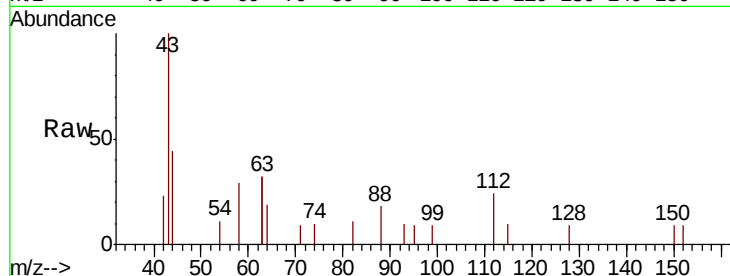
Tot Ion:112 Resp: 311

Ion Ratio Lower Upper

112 100

64 91.3 57.9 86.9#

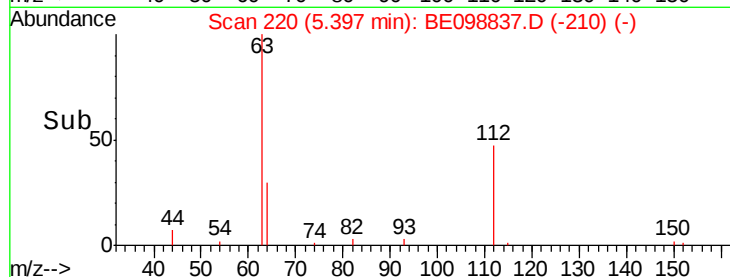
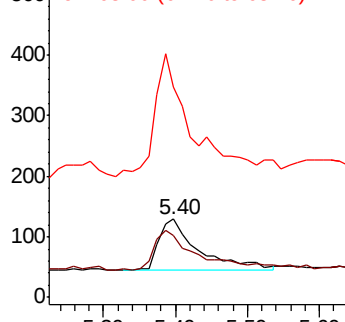
63 231.2 158.3 237.5



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: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098837.D

Acq: 8 Mar 2019 16:49

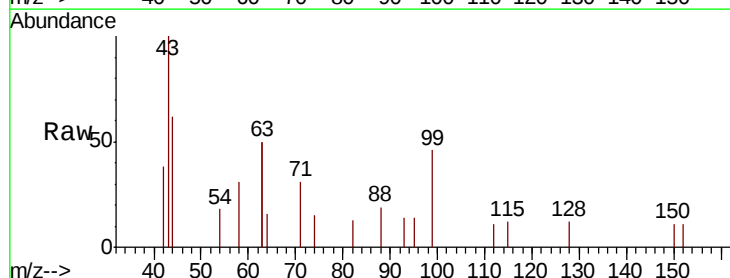
Tgt Ion: 99 Resp: 368

Ion Ratio Lower Upper

99 100

42 50.0 24.2 36.2#

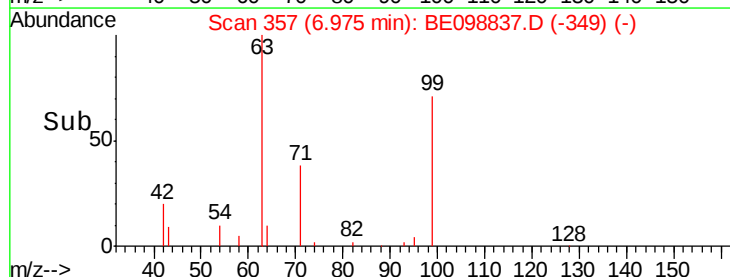
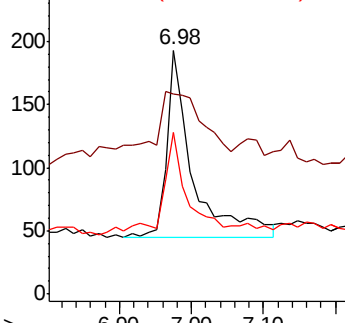
71 43.2 35.7 53.5

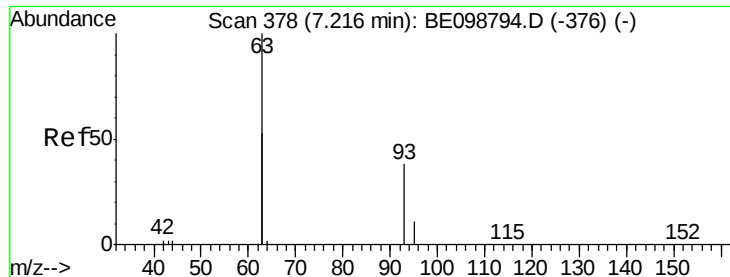


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 7.14 min Scan# 371

Delta R.T. -0.08 min

Lab File: BE098837.D

Acq: 8 Mar 2019 16:49

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190305

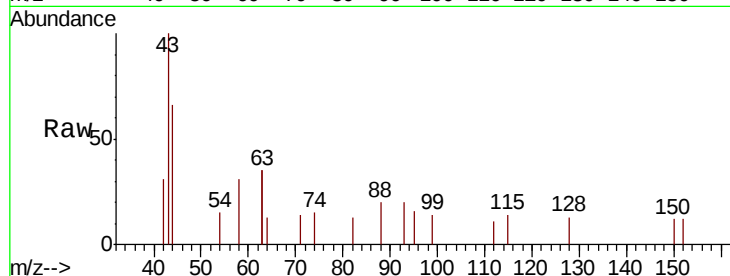
Tot Ion: 93 Resp: 85

Ion Ratio Lower Upper

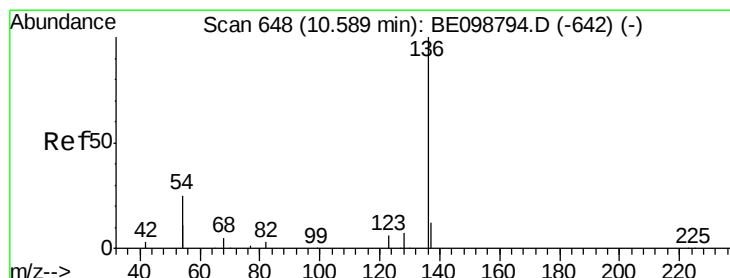
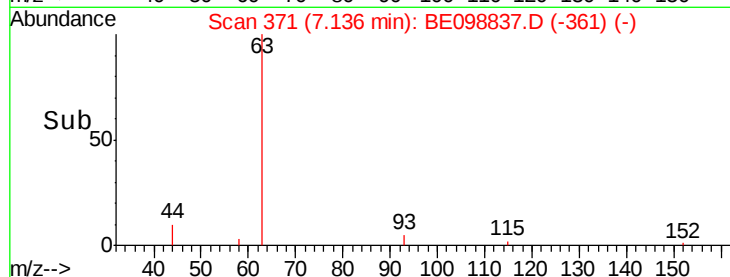
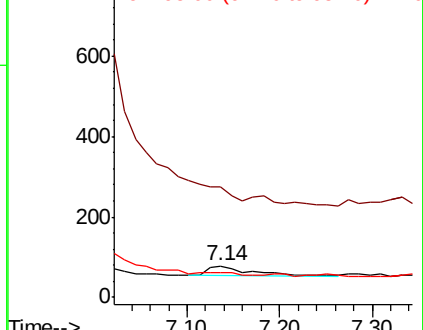
93 100

63 0.0 247.5 371.3#

95 0.0 21.8 32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098837.D

Acq: 8 Mar 2019 16:49

Tgt Ion: 136 Resp: 3656

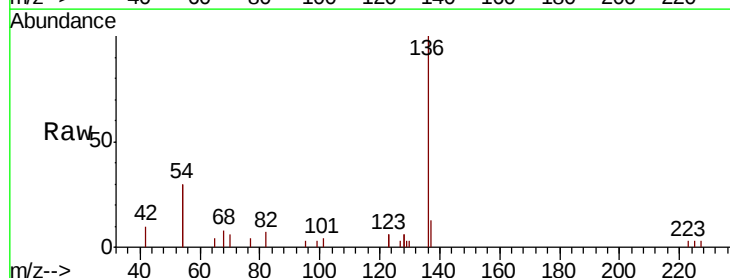
Ion Ratio Lower Upper

136 100

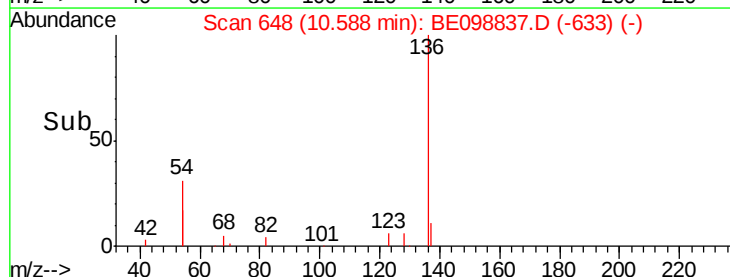
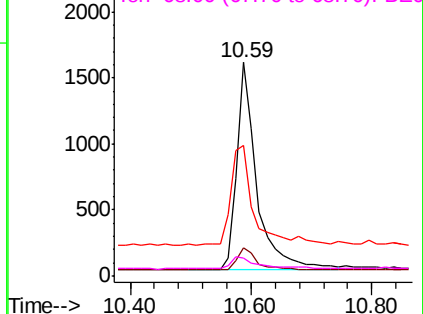
137 13.0 11.4 17.0

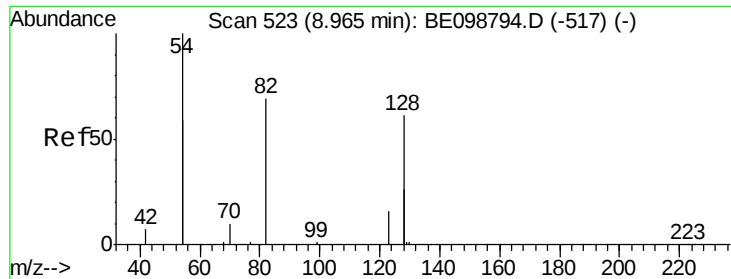
54 61.0 39.3 58.9#

68 8.4 6.7 10.1



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: 0.351 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098837.D

Acq: 8 Mar 2019 16:49

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190305

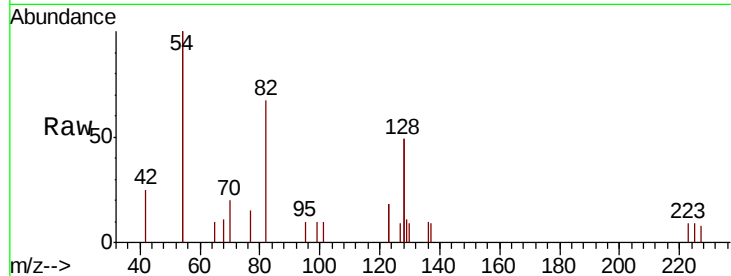
Tot Ion: 82 Resp: 1344

Ion Ratio Lower Upper

82 100

128 146.5 123.8 185.8

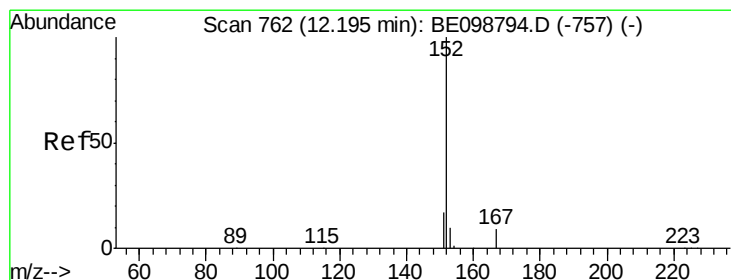
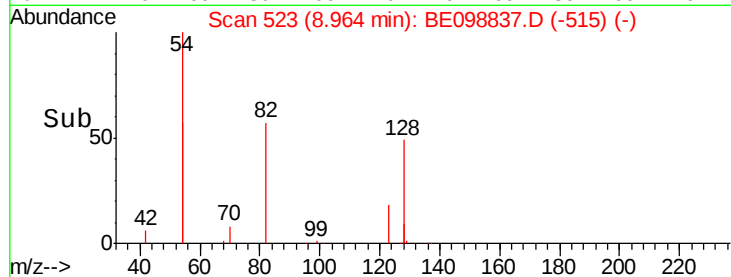
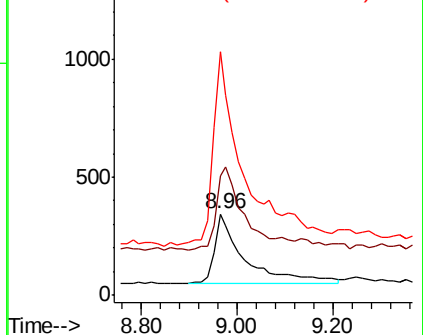
54 299.4 203.4 305.2



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: 0.347 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098837.D

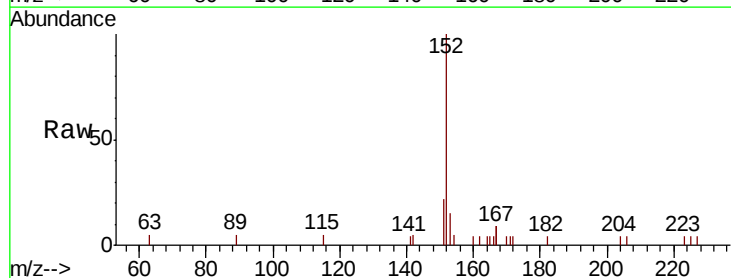
Acq: 8 Mar 2019 16:49

Tgt Ion: 152 Resp: 2343

Ion Ratio Lower Upper

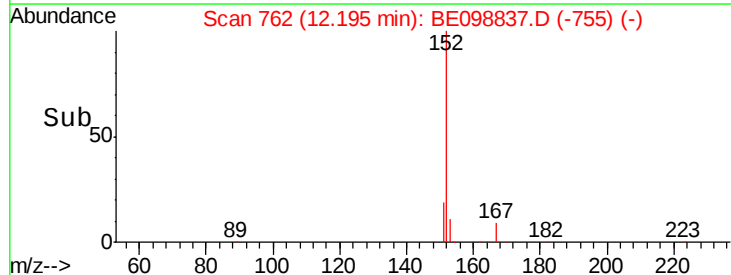
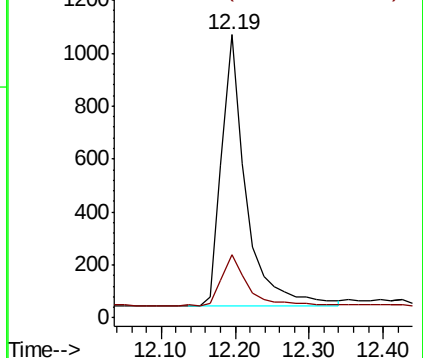
152 100

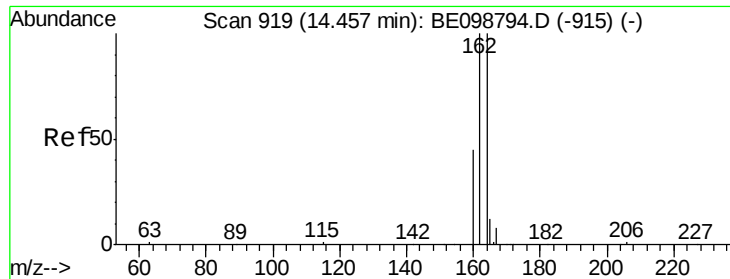
151 20.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

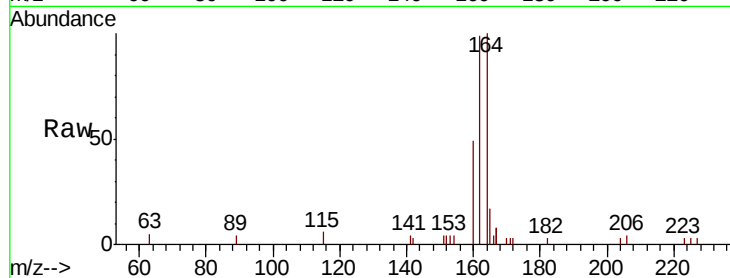




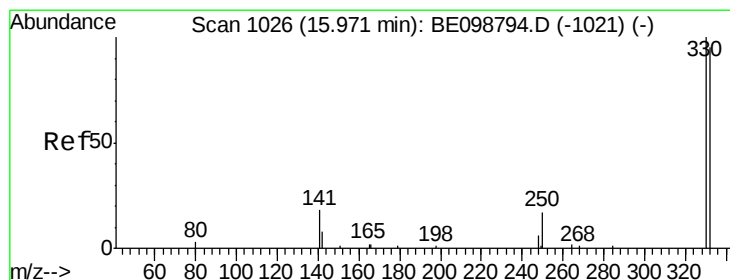
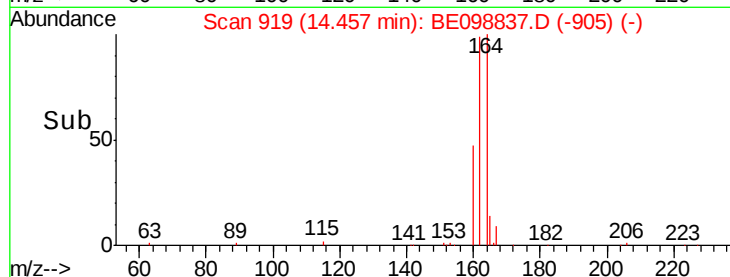
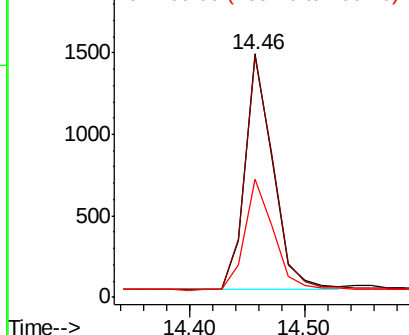
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098837.D
Acq: 8 Mar 2019 16:49

Instrument :
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ClientSampleId :
OUTFALL001-190305

Tot Ion:164 Resp: 2432
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.2
160 48.5 37.8 56.8

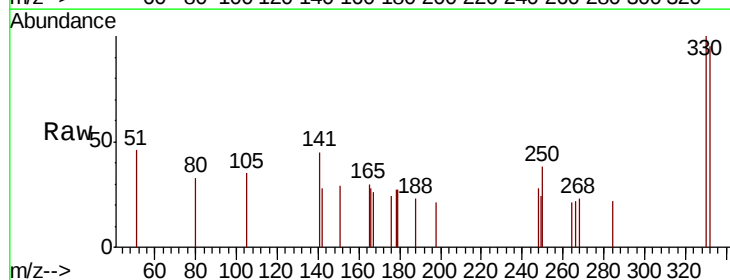


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

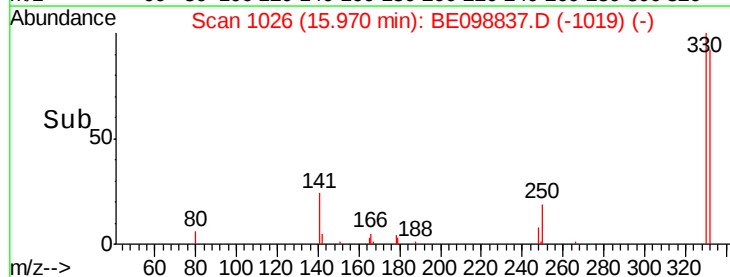
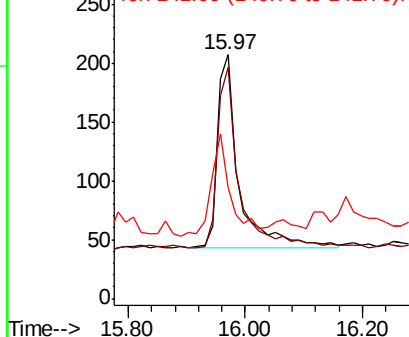


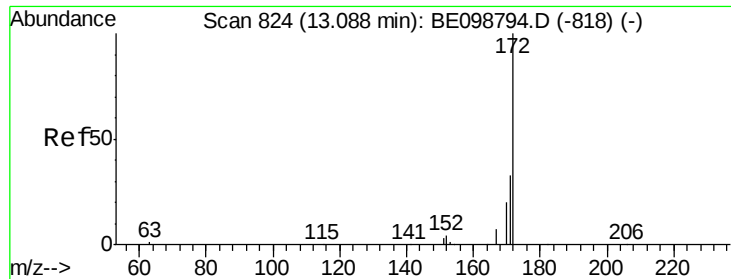
#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098837.D
Acq: 8 Mar 2019 16:49

Tgt Ion:330 Resp: 423
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 43.3 31.0 46.4



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

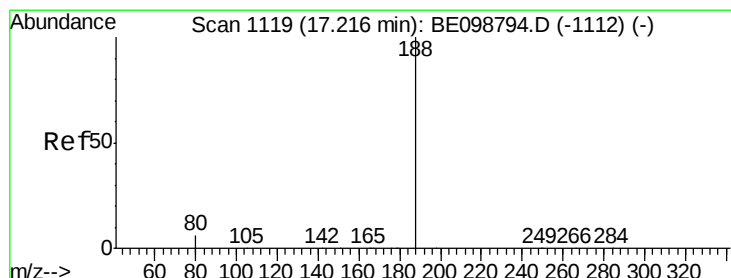
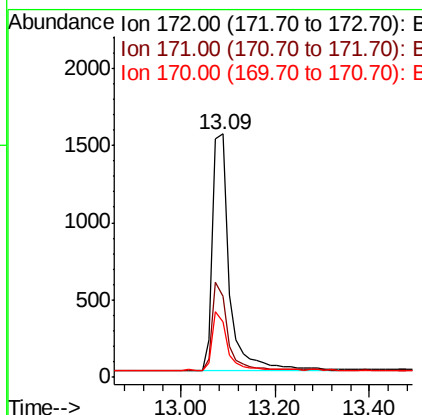
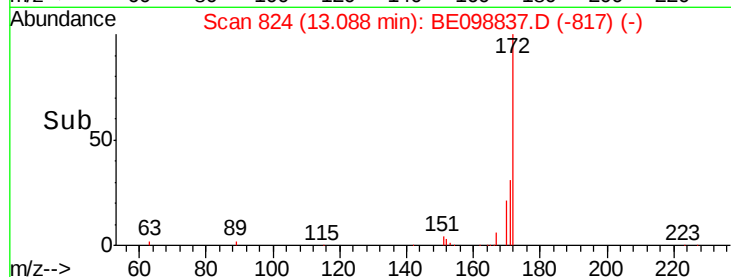
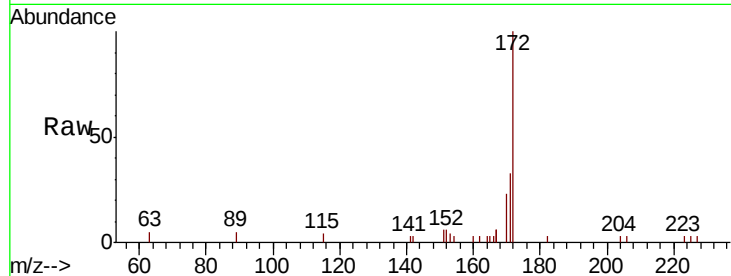




#15
 2-Fluorobiphenyl
 Concen: 0.378 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

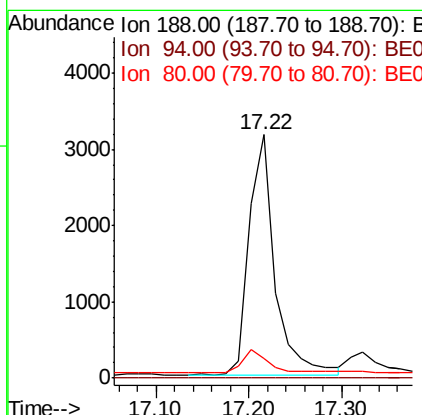
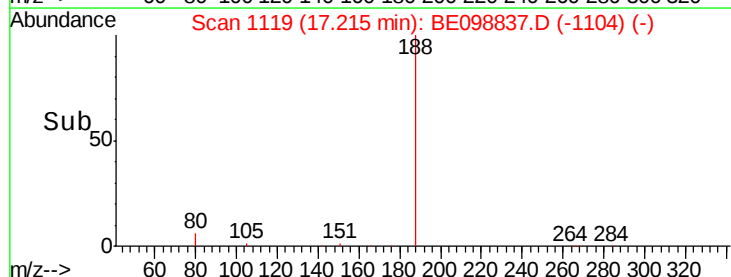
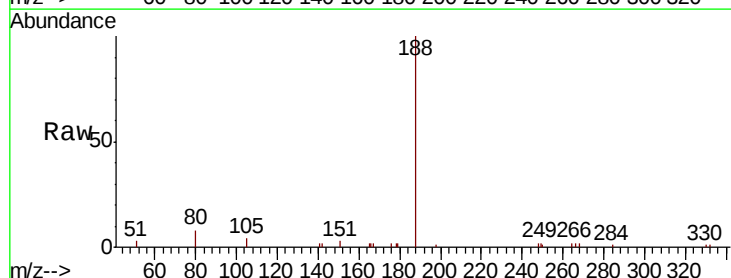
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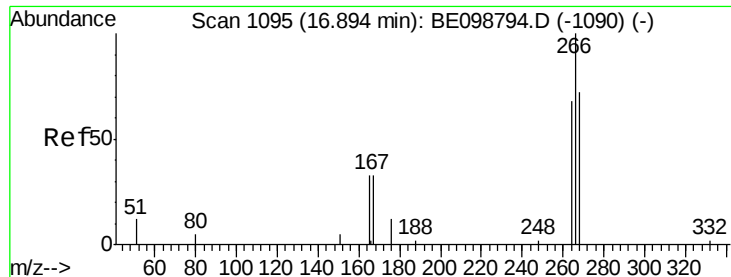
Tot Ion:172 Resp: 3806
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.0 42.0
 170 23.0 17.7 26.5



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

Tgt Ion:188 Resp: 6061
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.1 6.3 9.5

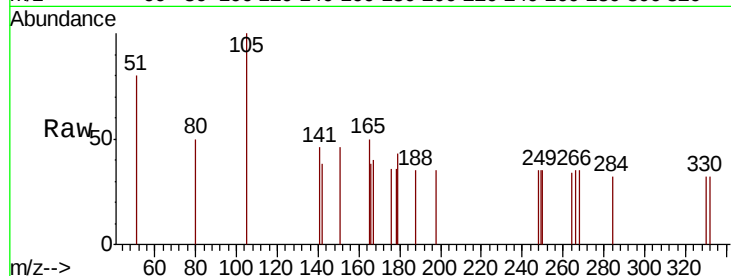




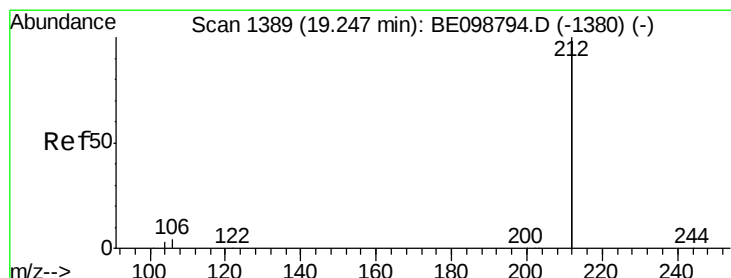
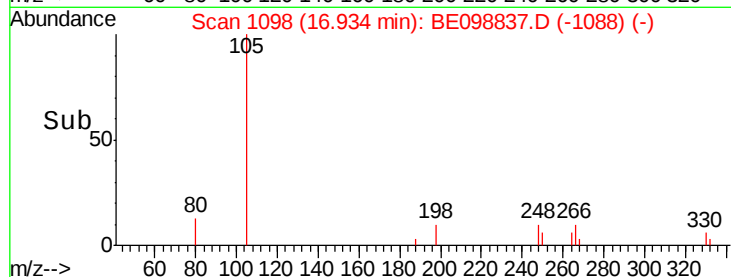
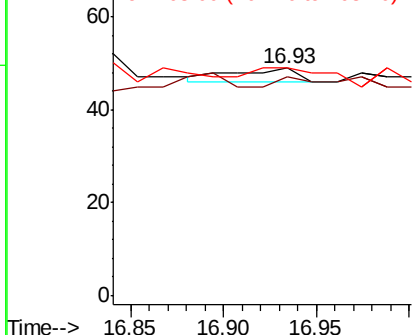
#22
 Pentachlorophenol
 Concen: 0.270 ng
 RT: 16.93 min Scan# 1098
 Delta R.T. 0.04 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190305

Tot Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 95.9 66.6 100.0
 268 100.0 69.8 104.8

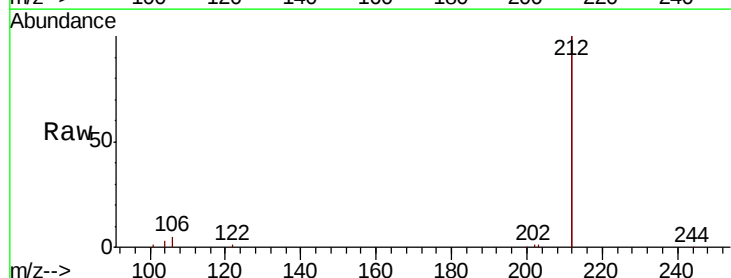


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

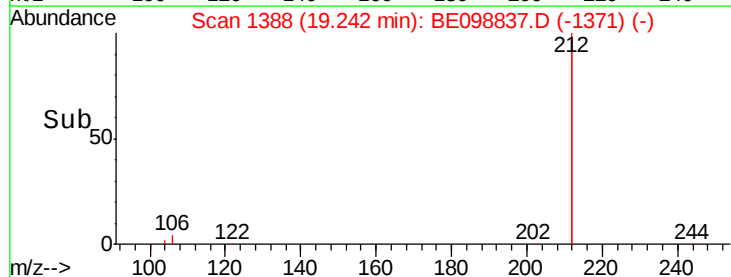
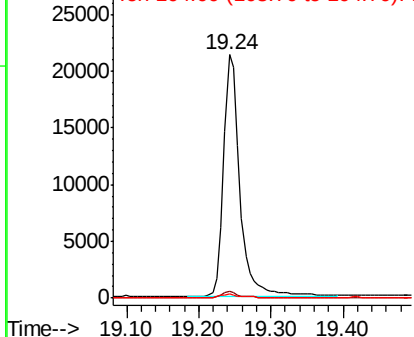


#25
 Fluoranthene-d10
 Concen: 0.344 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

Tgt Ion:212 Resp: 33236
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 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

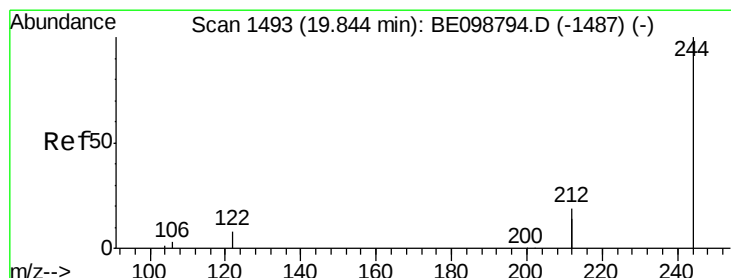
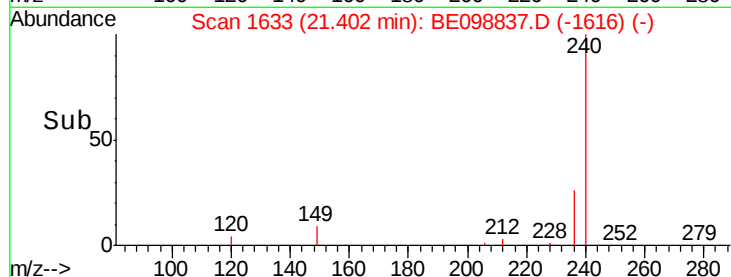
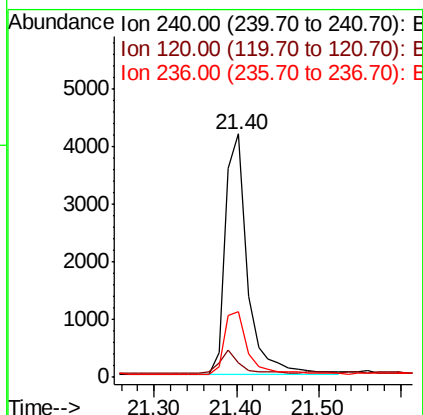
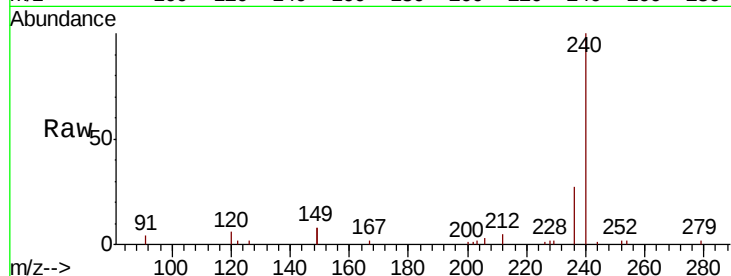




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

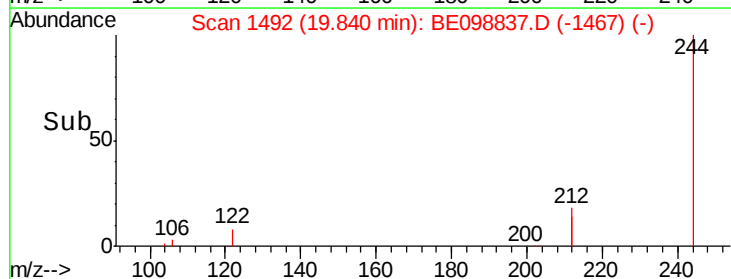
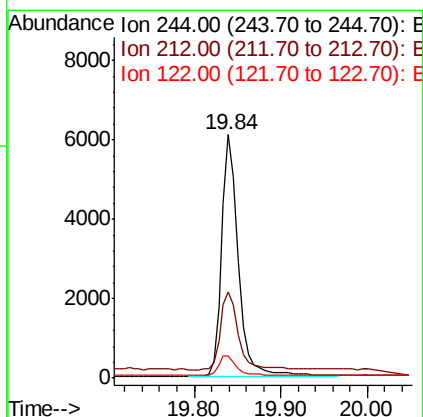
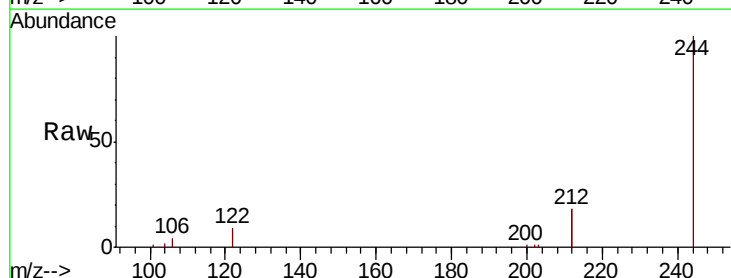
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190305

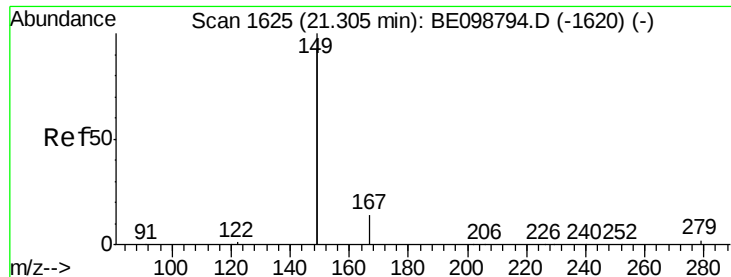
Tot Ion:240 Resp: 7872
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.0 7.4
 236 27.1 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

Tgt Ion:244 Resp: 8232
 Ion Ratio Lower Upper
 244 100
 212 35.7 29.4 44.2
 122 9.2 7.1 10.7

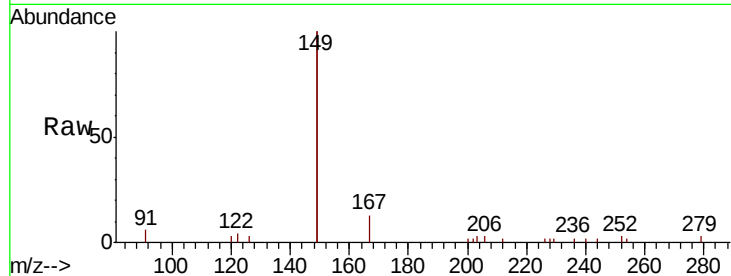




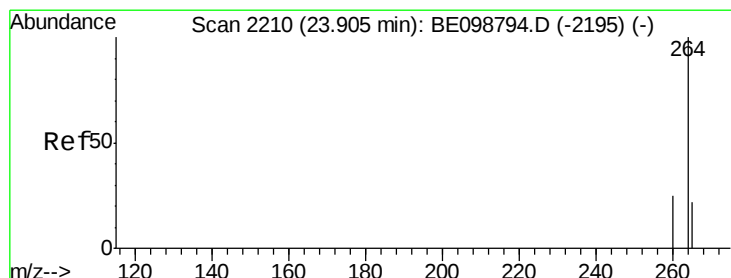
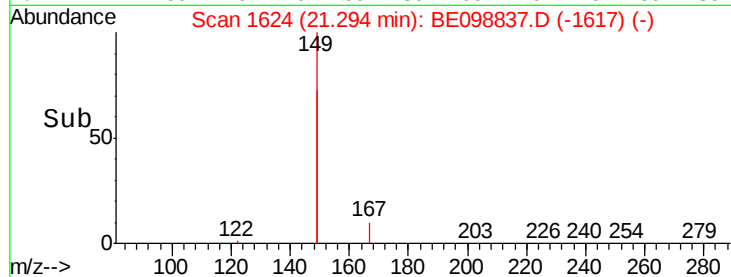
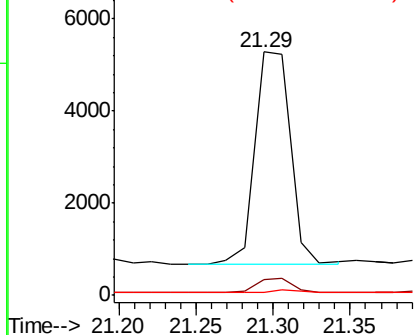
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.140 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190305

Tot Ion:149 Resp: 7340
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 1.3 1.0 1.4

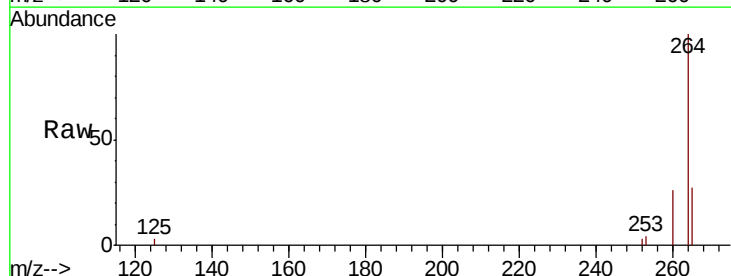


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098837.D
 Acq: 8 Mar 2019 16:49

Tgt Ion:264 Resp: 7755
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 27.1 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

