

Data File : BE099705.D
Acq On : 22 May 2019 00:47
Operator : JU/SJ
Sample : K2886-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-3

Quant Time: May 22 08:19:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1635	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5812	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4437	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12835	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17959	0.40	ng	0.00
34) Perylene-d12	23.95	264	21399	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	909	0.22	ng	0.00
5) Phenol-d6	6.98	99	673	0.12	ng	0.00
8) Nitrobenzene-d5	8.98	82	2350	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	4722	0.47	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1385	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	8339	0.50	ng	0.00
25) Fluoranthene-d10	19.27	212	78150	0.45	ng	0.00
29) Terphenyl-d14	19.86	244	20709	0.65	ng	-0.01

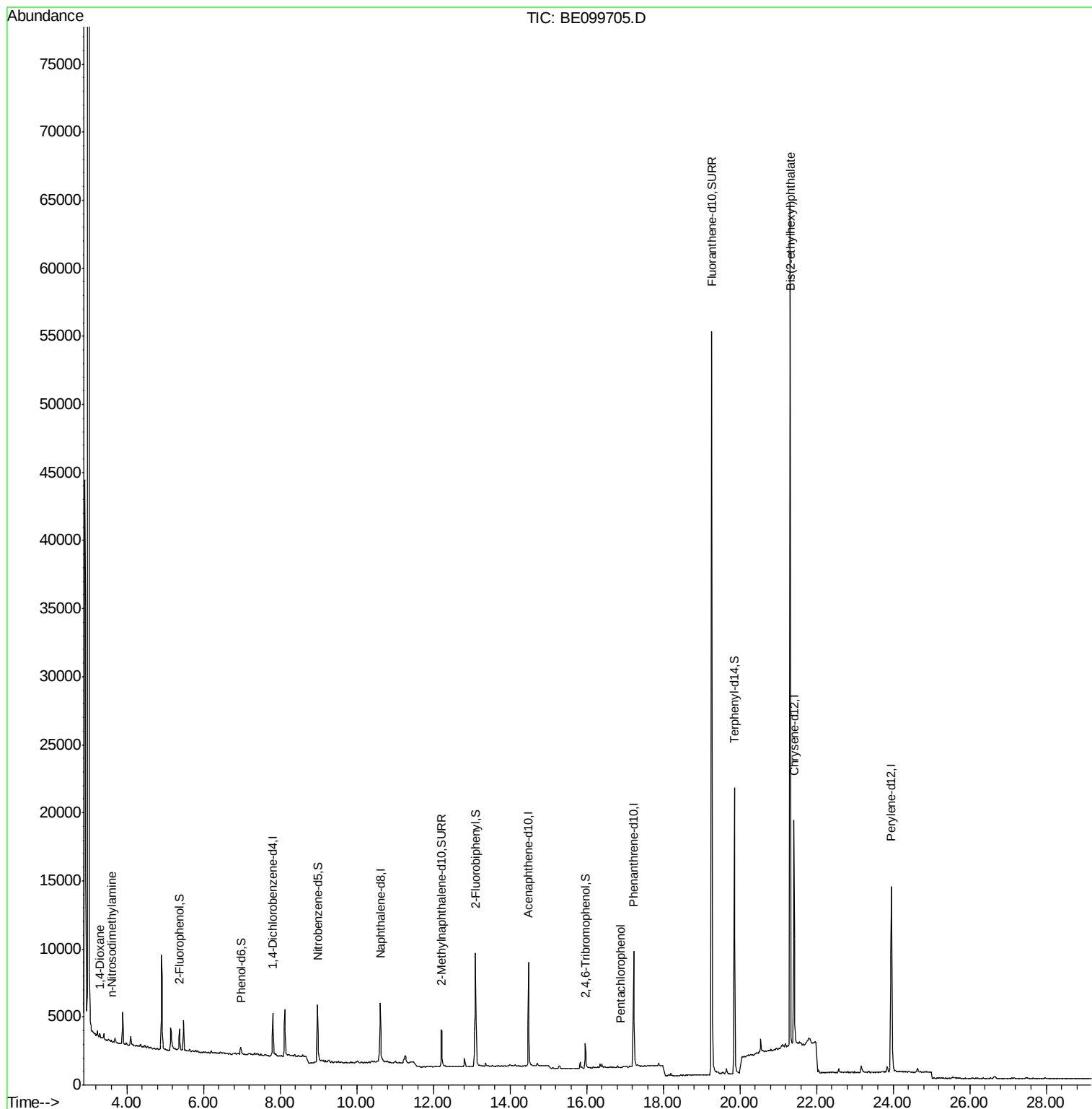
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	189	0.078	ng	# 17
3) n-Nitrosodimethylamine	3.60	42	30	0.022	ng	# 1
22) Pentachlorophenol	16.89	266	10	0.185	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.32	149	80843	1.375	ng	99

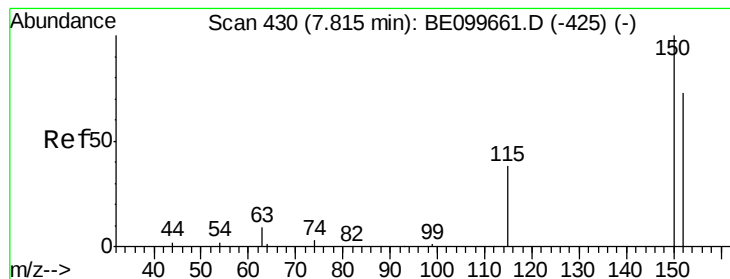
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE099705.D
Acq On : 22 May 2019 00:47
Operator : JU/SJ
Sample : K2886-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-3

Quant Time: May 22 08:19:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-3

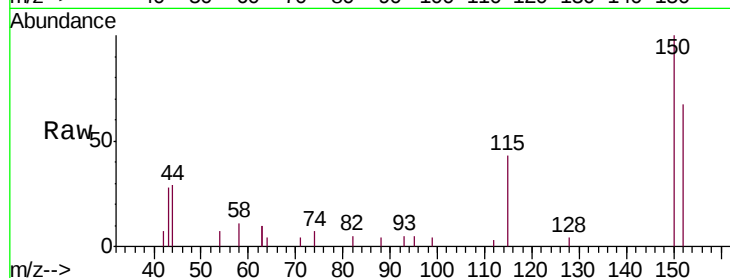
Tgt Ion: 152 Resp: 1635

Ion Ratio Lower Upper

152 100

150 149.6 109.2 163.8

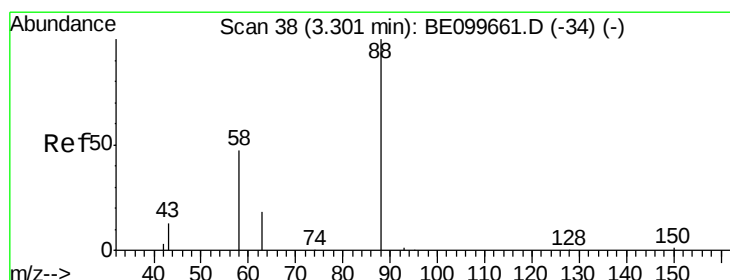
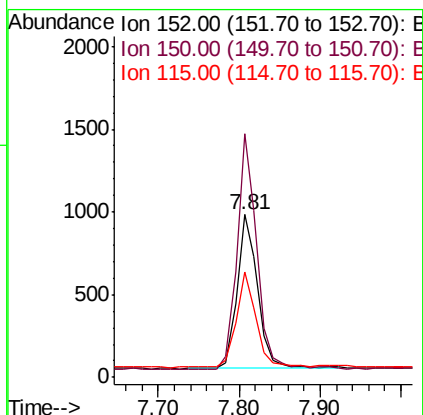
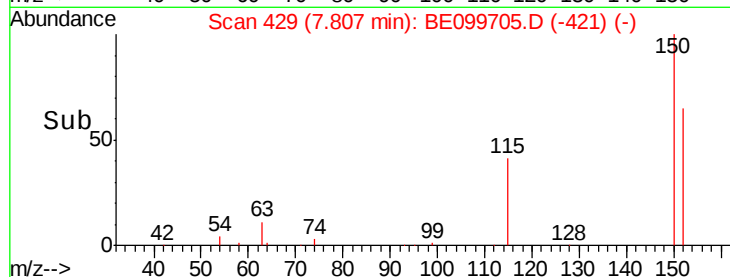
115 64.6 43.7 65.5



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: 0.078 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

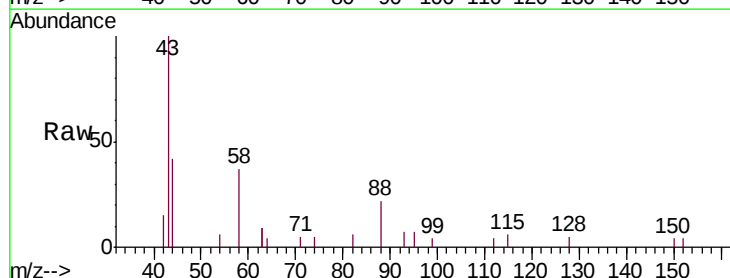
Tgt Ion: 88 Resp: 189

Ion Ratio Lower Upper

88 100

58 95.2 41.8 62.8#

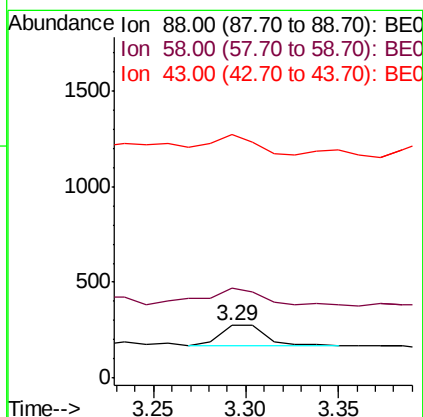
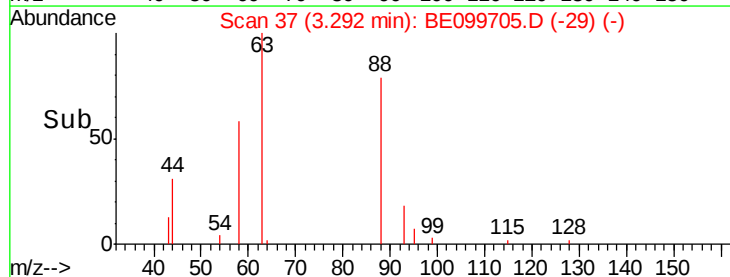
43 83.6 15.0 22.4#



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: 0.022 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.03 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-3

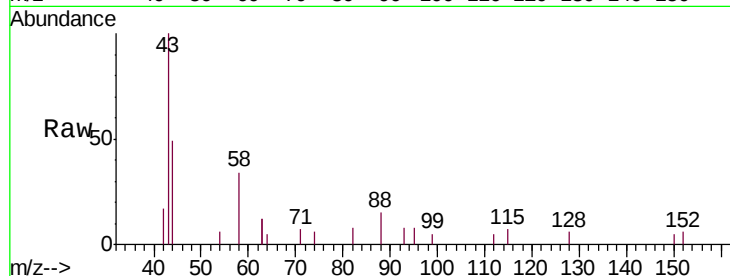
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

74 13.3 129.2 193.8#

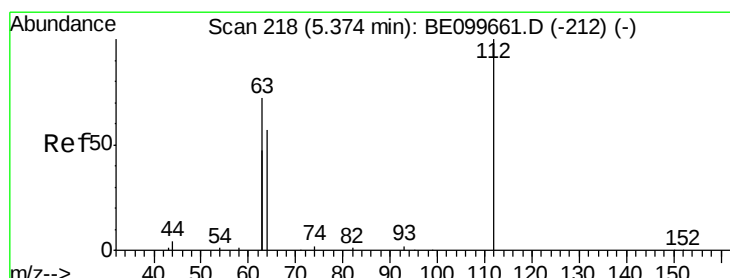
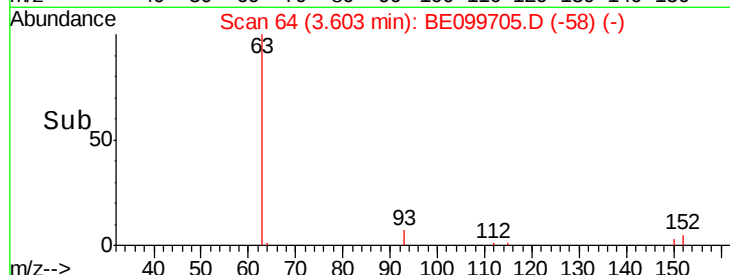
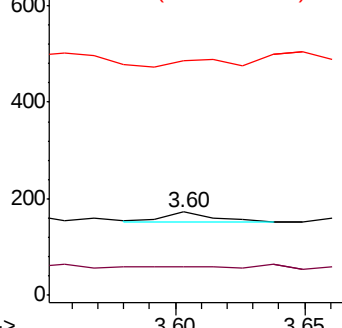
44 0.0 0.0 0.0



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: 0.220 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

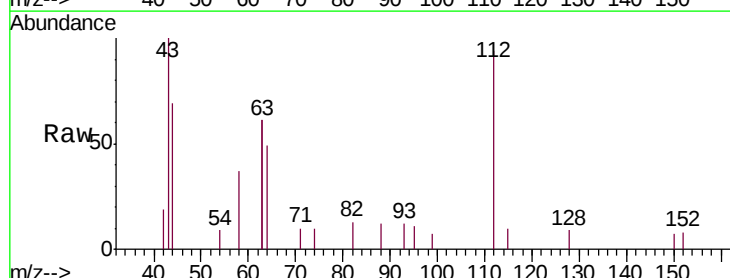
Tgt Ion: 112 Resp: 909

Ion Ratio Lower Upper

112 100

64 55.0 43.4 65.2

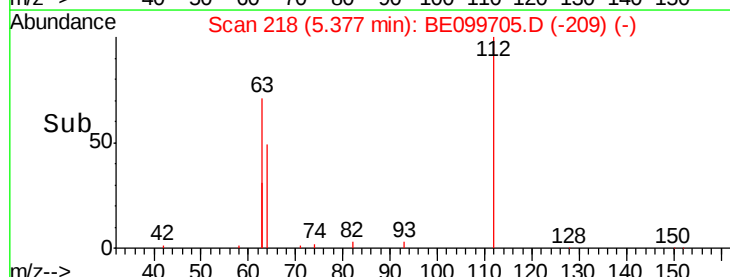
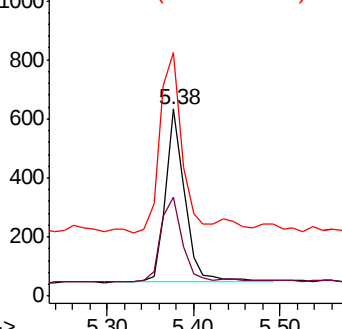
63 120.9 96.9 145.3

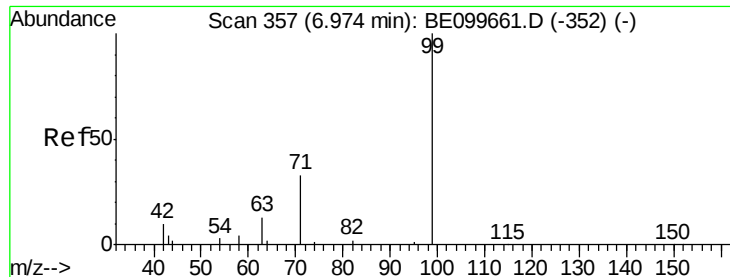


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.123 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-3

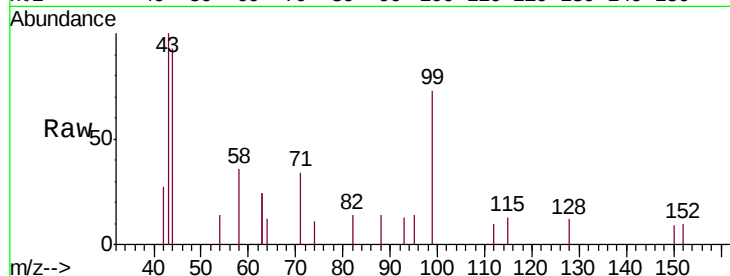
Tgt Ion: 99 Resp: 673

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

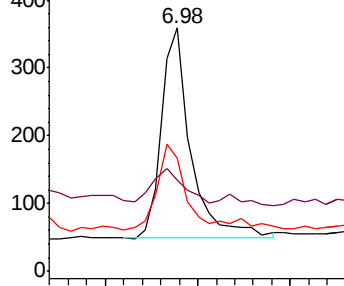
71 46.1 28.9 43.3#



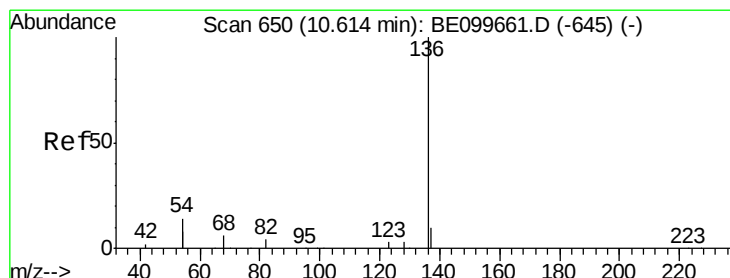
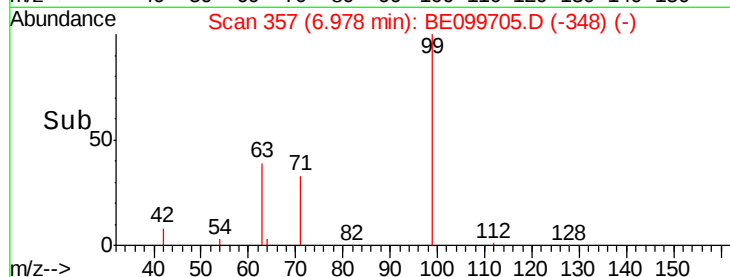
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

Tgt Ion: 136 Resp: 5812

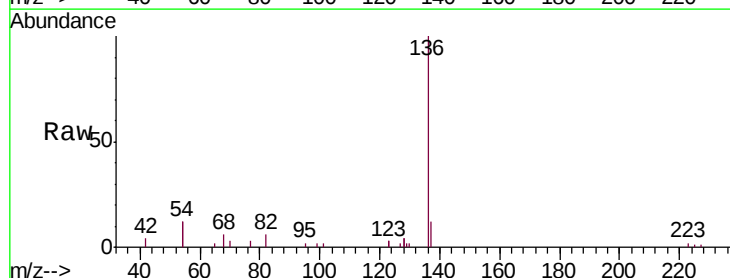
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.6

54 24.7 22.3 33.5

68 6.5 6.0 9.0

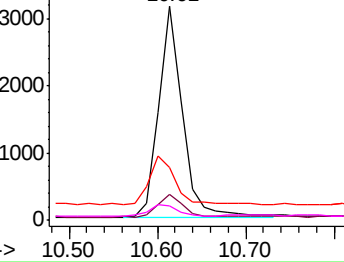


Abundance Ion 136.00 (135.70 to 136.70): E

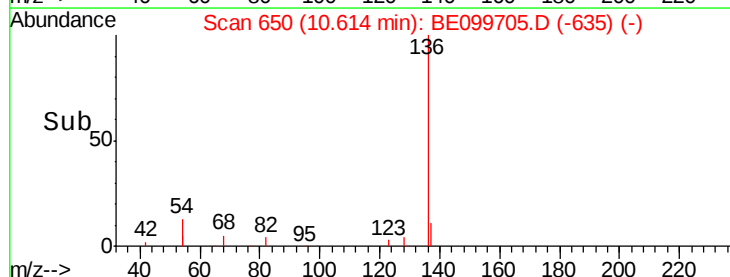
Ion 137.00 (136.70 to 137.70): E

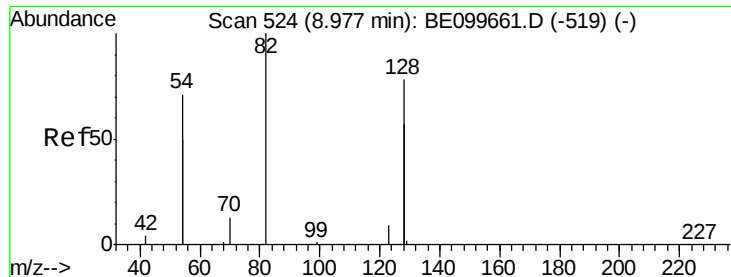
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.467 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099705.D

Acq: 22 May 2019 00:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-3

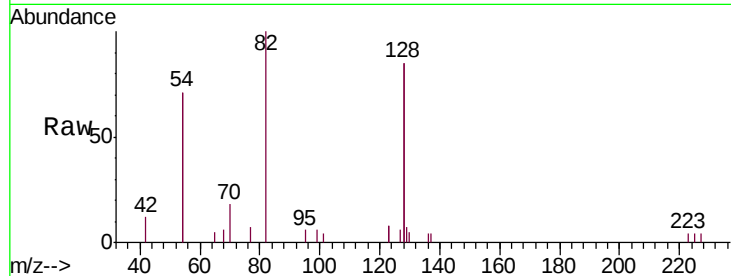
Tgt Ion: 82 Resp: 2350

Ion Ratio Lower Upper

82 100

128 170.6 117.7 176.5

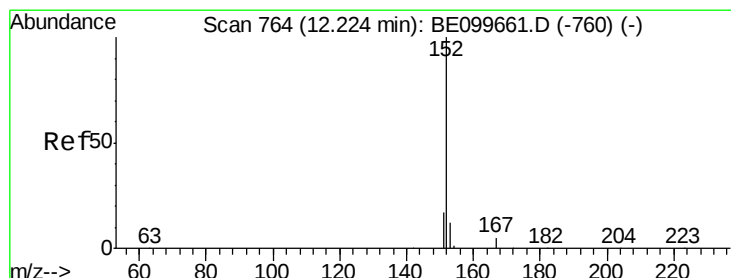
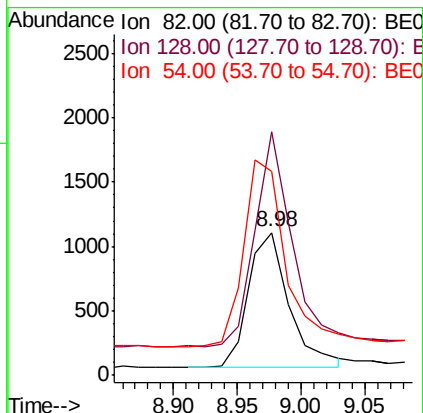
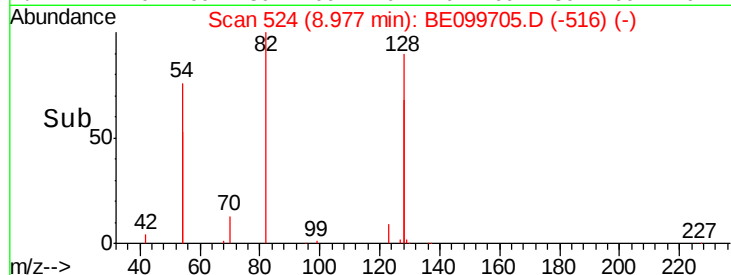
54 142.6 106.6 160.0



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: 0.471 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099705.D

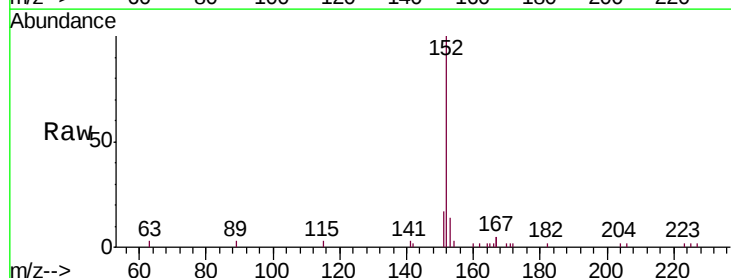
Acq: 22 May 2019 00:47

Tgt Ion: 152 Resp: 4722

Ion Ratio Lower Upper

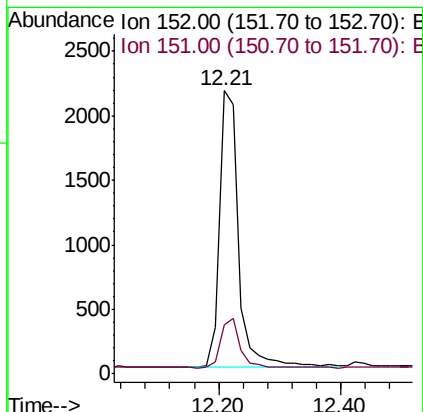
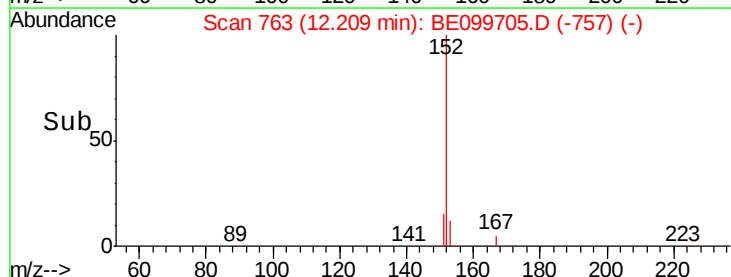
152 100

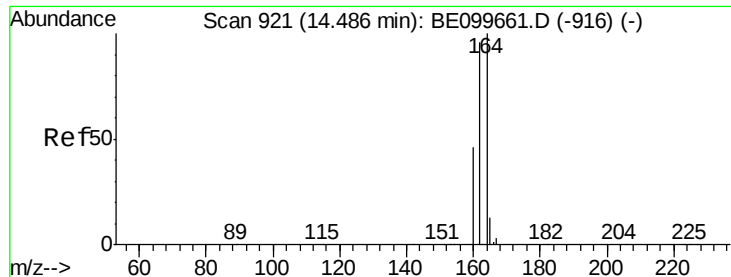
151 17.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

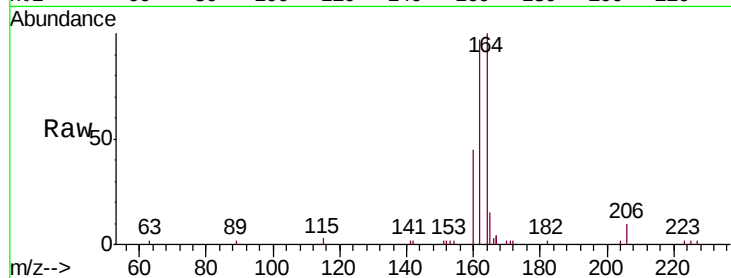




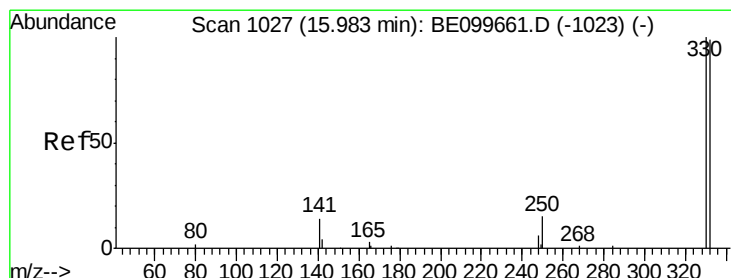
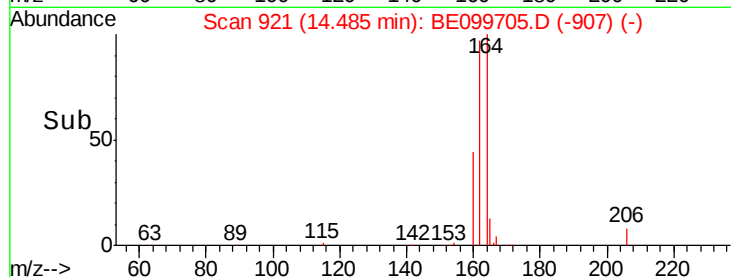
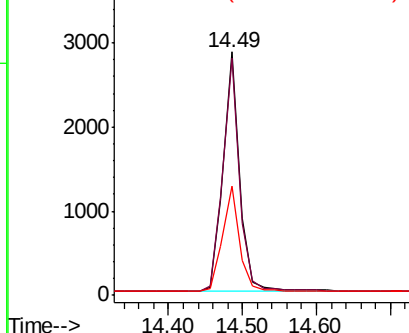
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-3

Tgt Ion:164 Resp: 4437
 Ion Ratio Lower Upper
 164 100
 162 97.4 76.5 114.7
 160 44.6 37.4 56.2

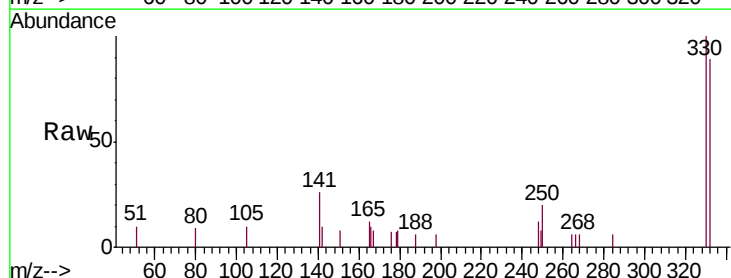


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

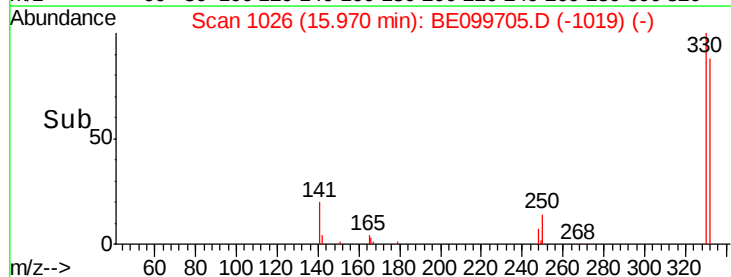
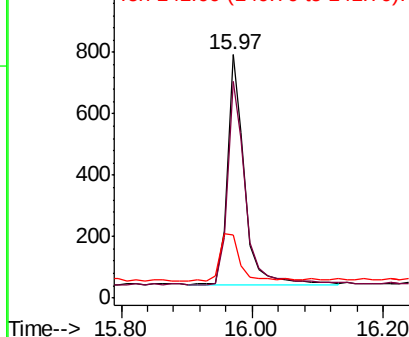


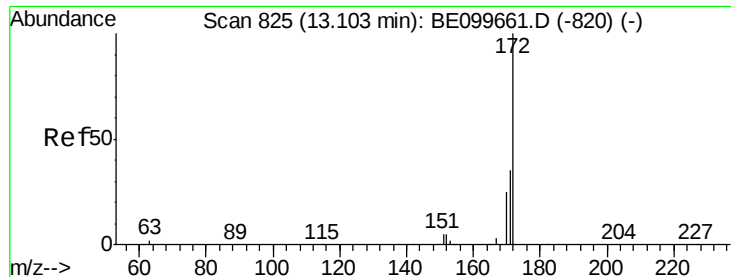
#14
 2,4,6-Tribromophenol
 Concen: 0.535 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Tgt Ion:330 Resp: 1385
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 22.6 18.9 28.3



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

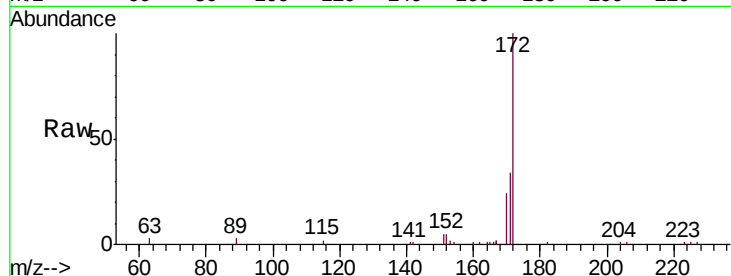




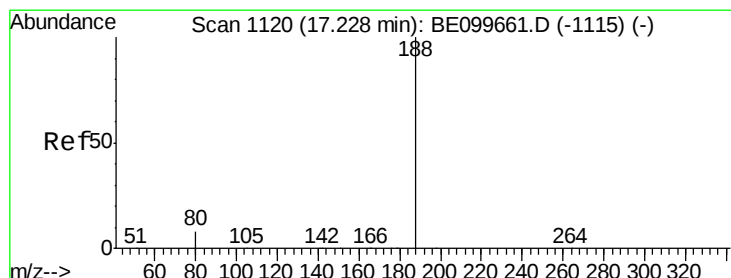
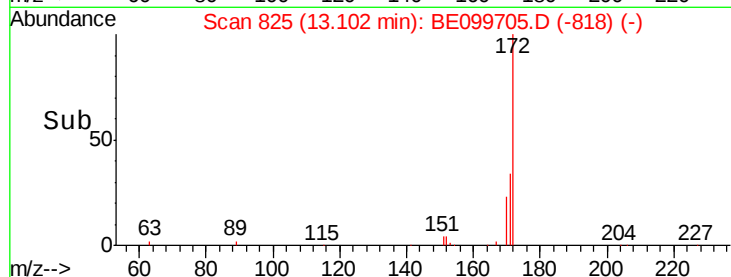
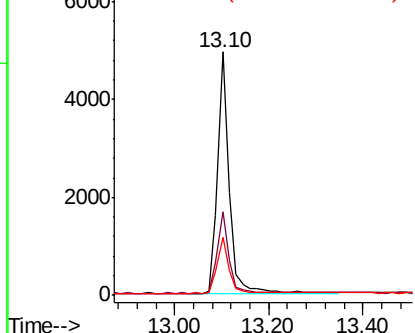
#15
 2-Fluorobiphenyl
 Concen: 0.495 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-3

Tgt Ion:172 Resp: 8339
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.7 43.1
 170 23.8 20.9 31.3

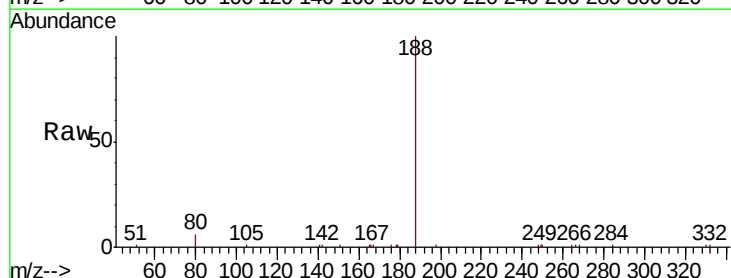


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

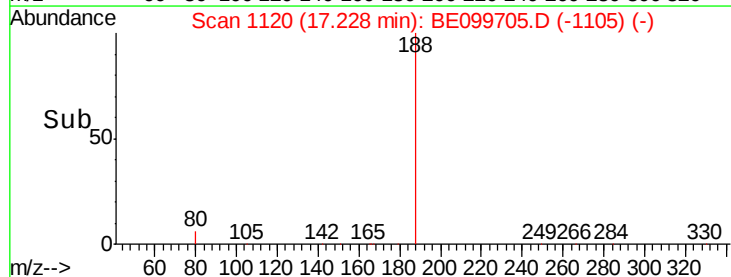
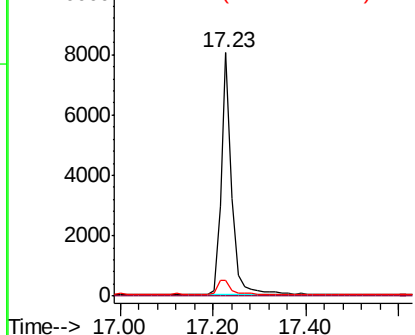


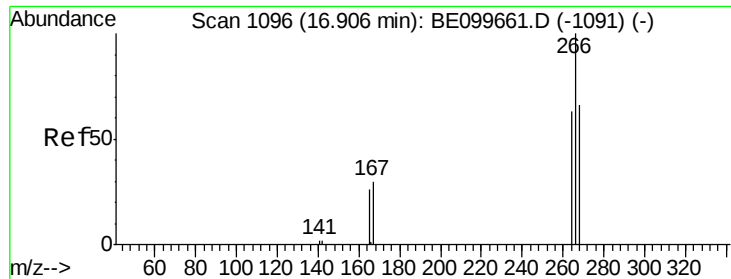
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Tgt Ion:188 Resp: 12835
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.4 6.7 10.1#



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

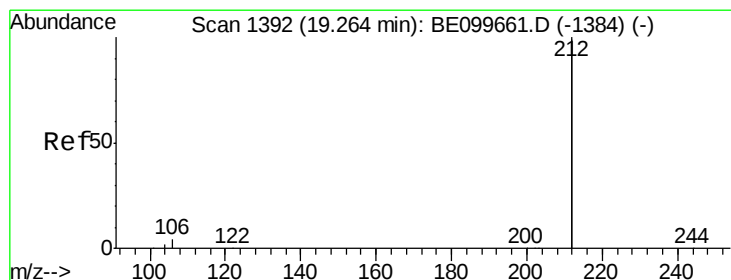
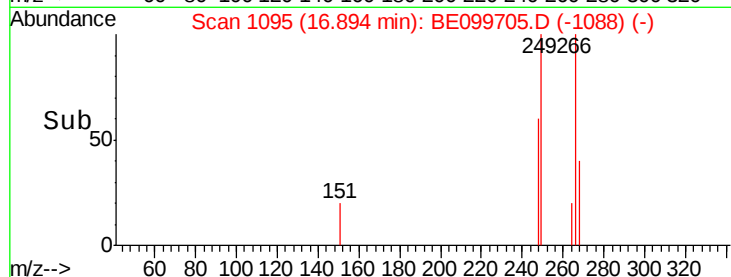
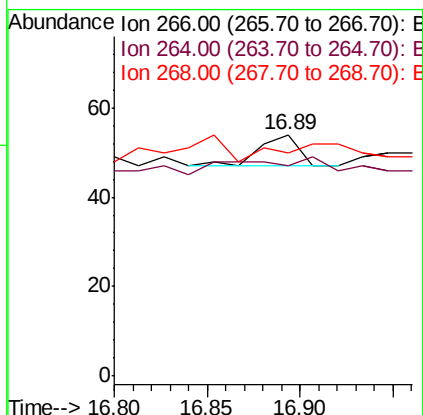
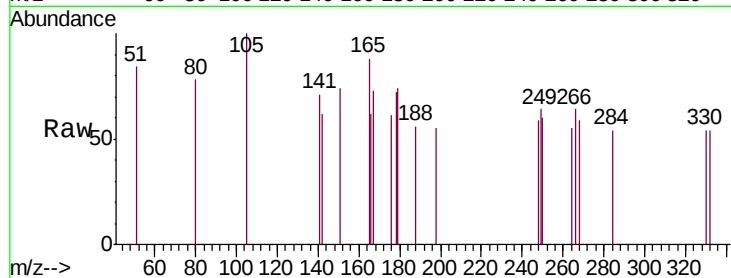




#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

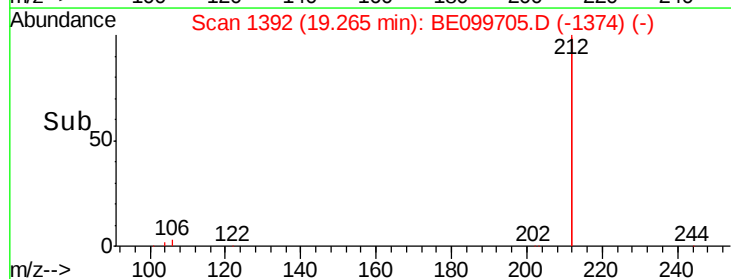
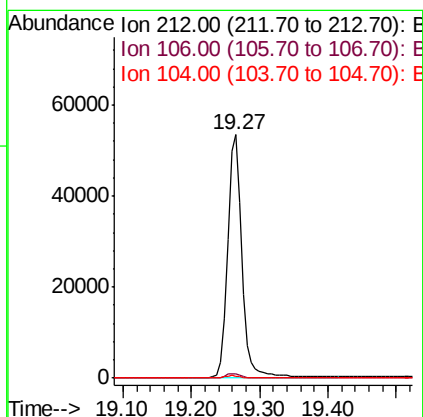
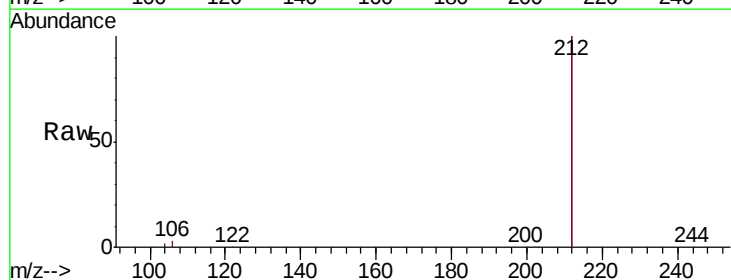
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-3

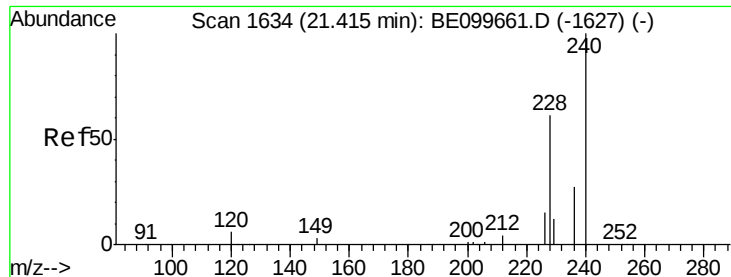
Tgt Ion: 266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 87.0 57.2 85.8#
 268 92.6 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.446 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Tgt Ion: 212 Resp: 78150
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.8 1.2

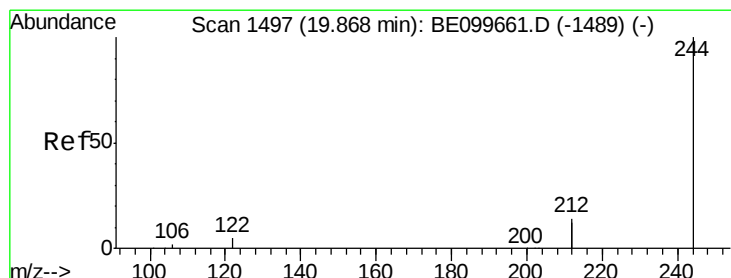
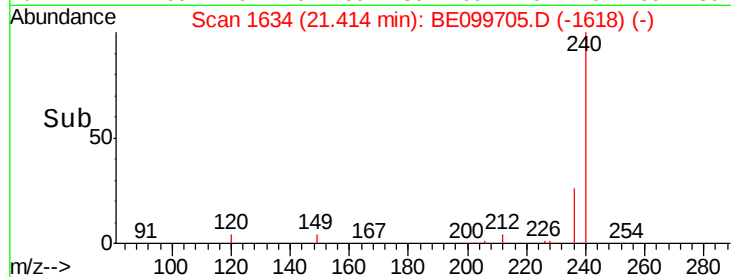
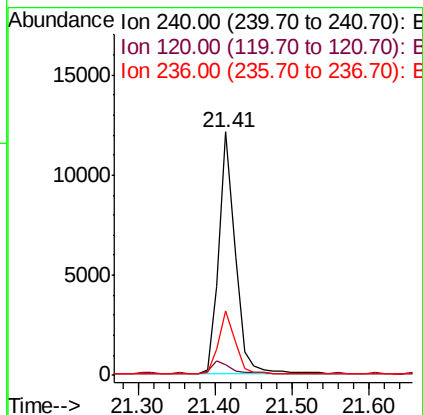
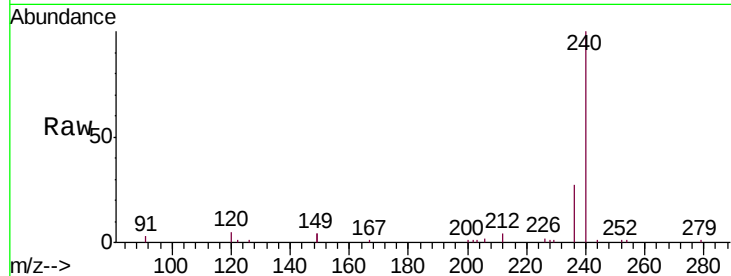




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

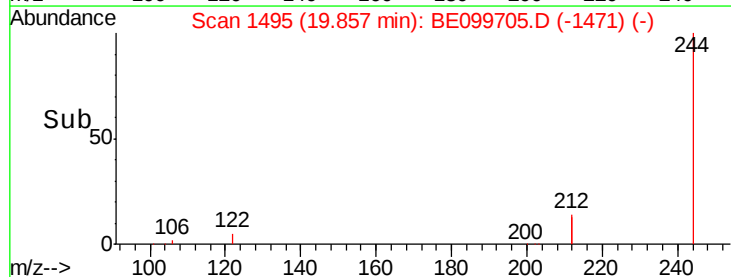
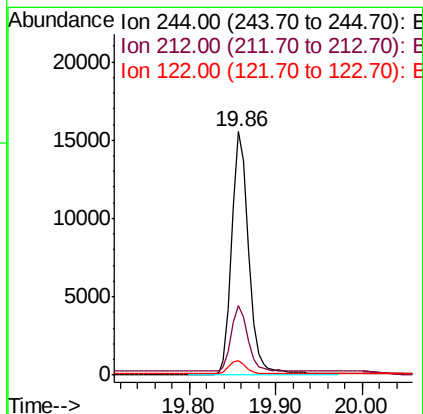
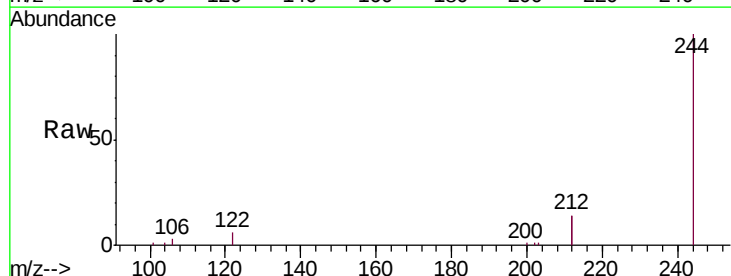
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-3

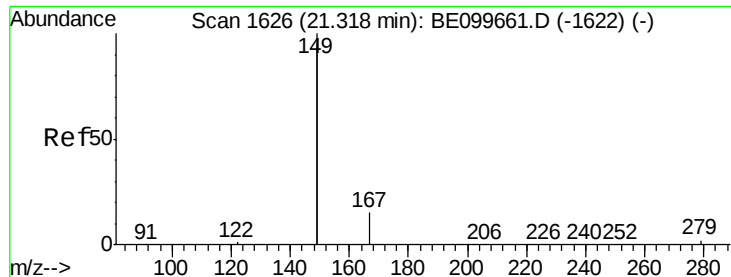
Tgt Ion:240 Resp: 17959
 Ion Ratio Lower Upper
 240 100
 120 4.6 5.4 8.0#
 236 26.7 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.646 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Tgt Ion:244 Resp: 20709
 Ion Ratio Lower Upper
 244 100
 212 28.7 22.5 33.7
 122 5.9 4.3 6.5

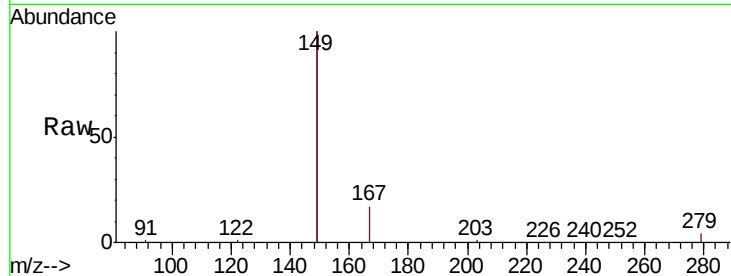




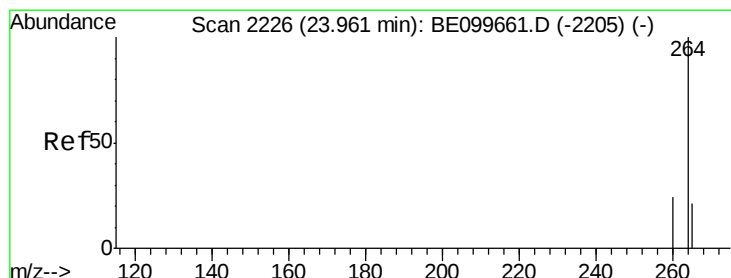
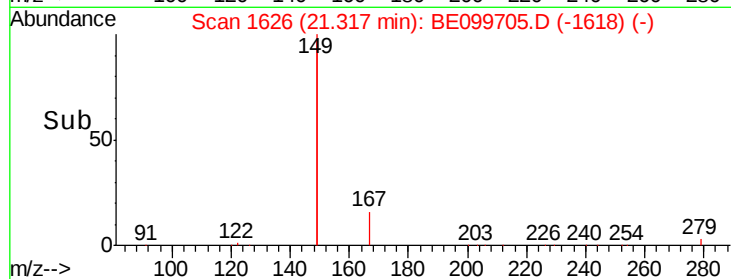
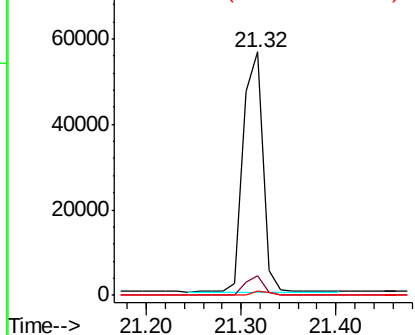
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.375 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-3

Tgt Ion:149 Resp: 80843
 Ion Ratio Lower Upper
 149 100
 167 7.4 6.2 9.4
 279 1.5 1.2 1.8

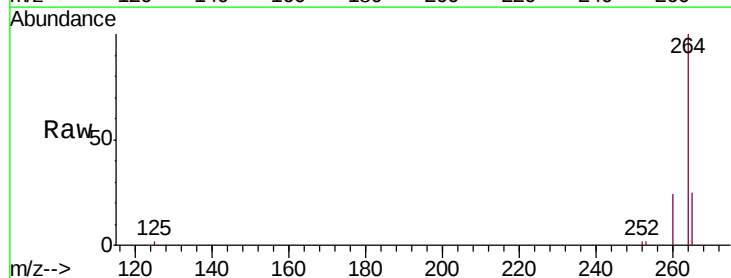


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099705.D
 Acq: 22 May 2019 00:47

Tgt Ion:264 Resp: 21399
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 25.3 19.1 28.7



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

