

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099827.D
 Acq On : 6 Jun 2019 18:24
 Operator : JU/SJ
 Sample : K3190-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20190603

Quant Time: Jun 07 02:07:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	992	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3208	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2390	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	8200	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15332	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18079	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	380	0.16	ng	0.01
5) Phenol-d6	6.97	99	276	0.09	ng	0.01
8) Nitrobenzene-d5	8.99	82	914	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1787	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	413	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3411	0.38	ng	0.01
25) Fluoranthene-d10	19.26	212	51548	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	12658	0.50	ng	0.00

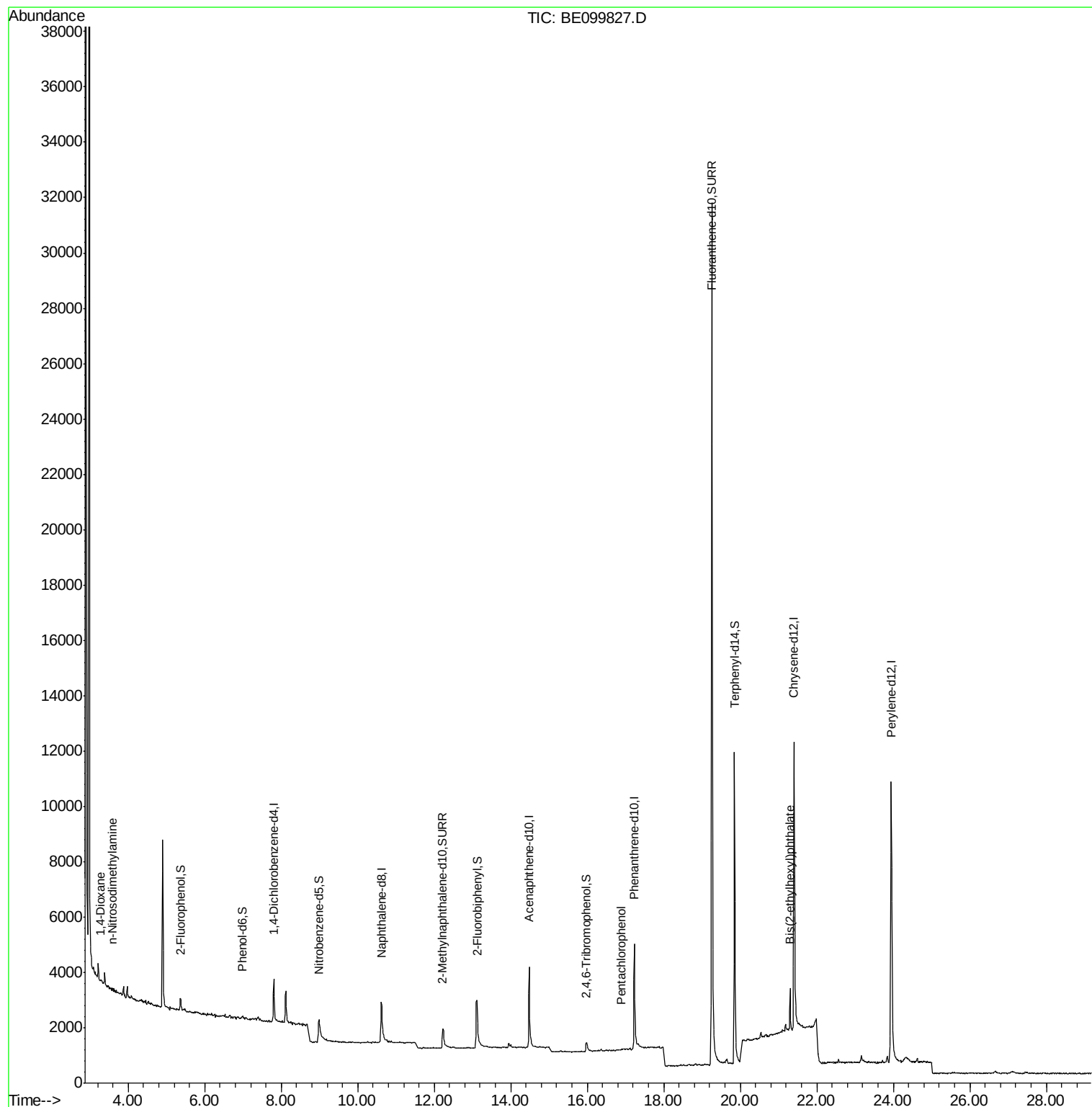
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	64	0.044	ng	# 30
3) n-Nitrosodimethylamine	3.59	42	33	0.043	ng	# 1
22) Pentachlorophenol	16.89	266	37	0.302	ng	88
32) Bis(2-ethylhexyl)phthalate	21.31	149	1960	0.040	ng	# 97

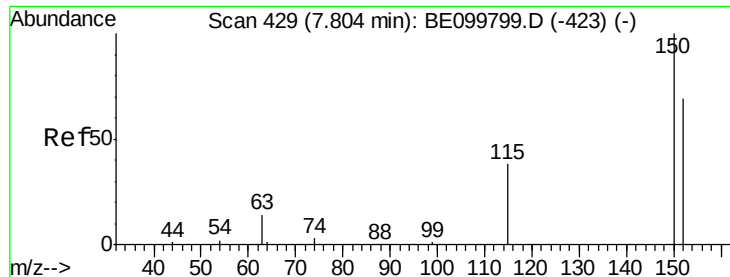
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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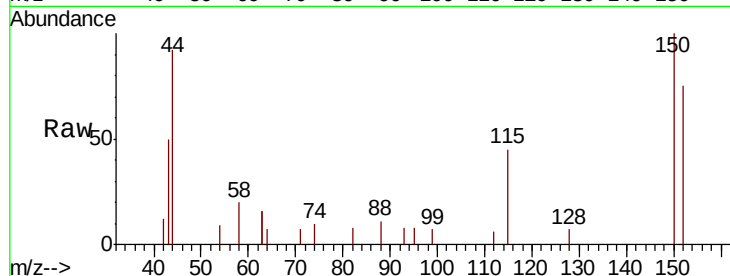


#1

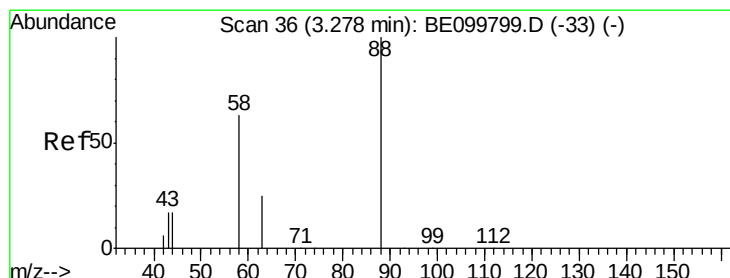
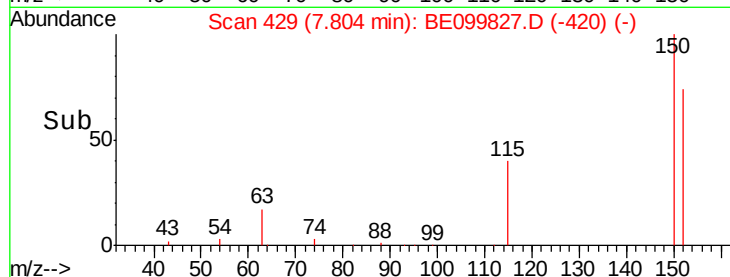
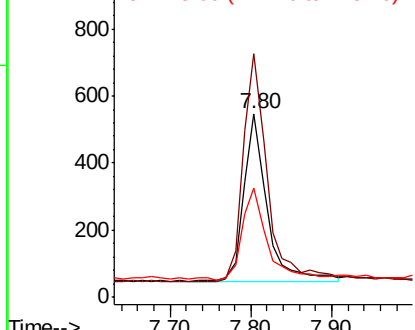
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.00 min
Lab File: BE099827.D
Acq: 6 Jun 2019 18:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW08-20190603

Tgt Ion: 152 Resp: 992
Ion Ratio Lower Upper
152 100
150 132.5 112.8 169.2
115 59.7 47.6 71.4



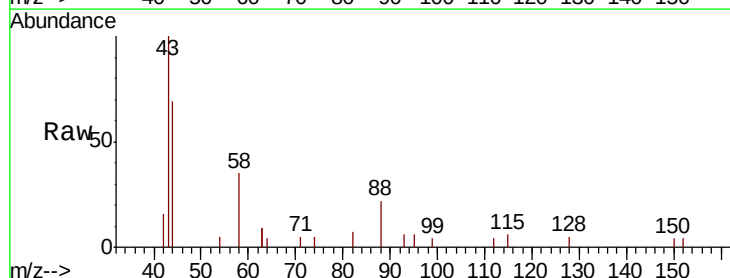
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



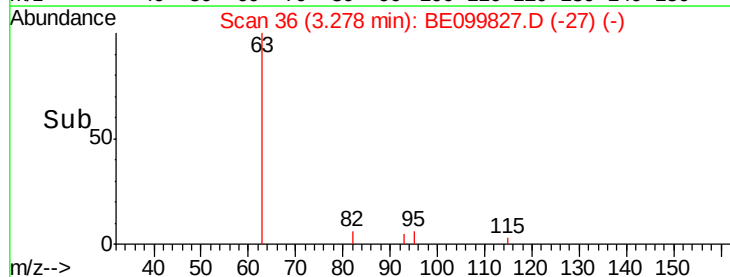
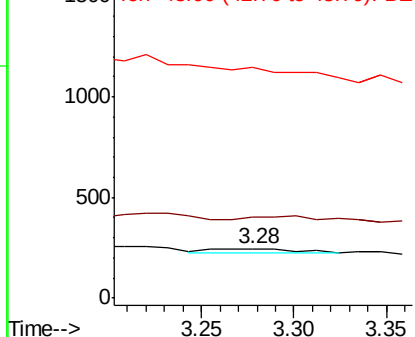
#2

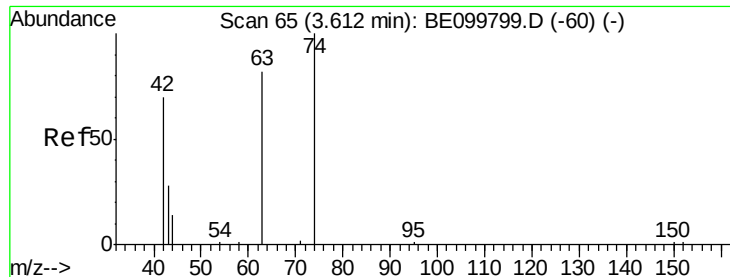
1,4-Dioxane
Concen: 0.044 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE099827.D
Acq: 6 Jun 2019 18:24

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 0.0 47.3 70.9#
43 0.0 18.2 27.4#



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: 0.043 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE099827.D

Acq: 6 Jun 2019 18:24

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20190603

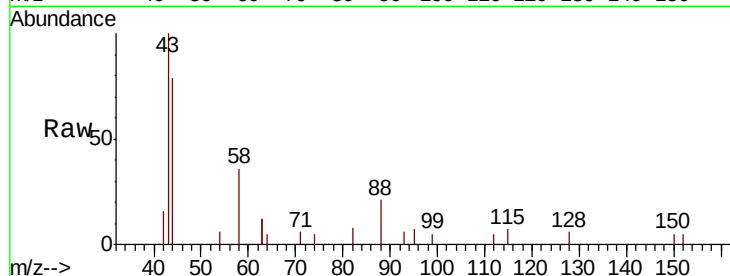
Tgt Ion: 42 Resp: 33

Ion Ratio Lower Upper

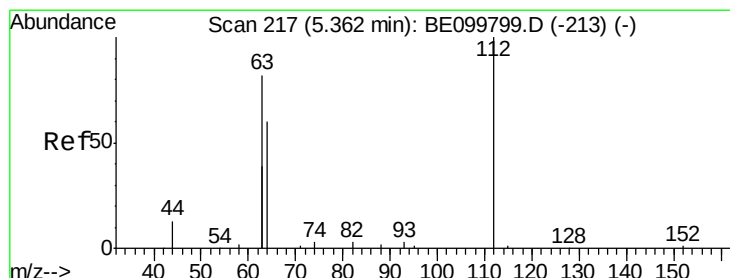
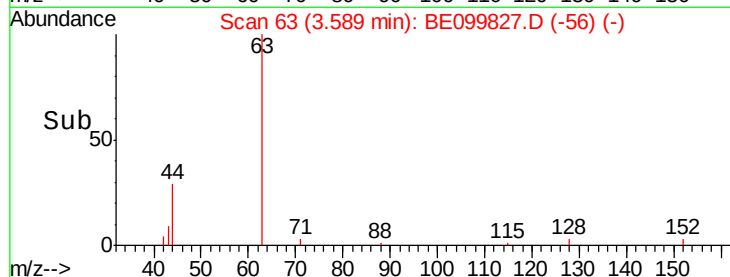
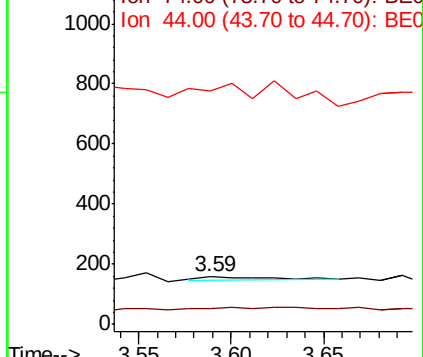
42 100

74 36.4 132.6 198.8#

44 242.4 13.4 20.0#



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: 0.157 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099827.D

Acq: 6 Jun 2019 18:24

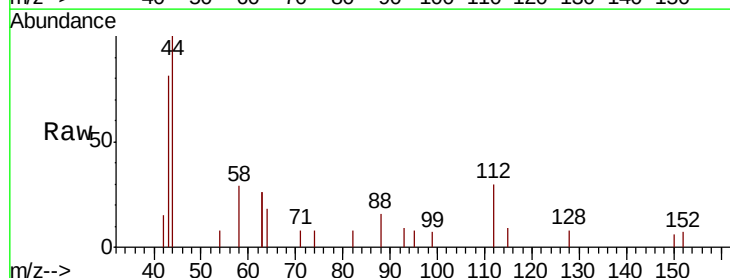
Tgt Ion: 112 Resp: 380

Ion Ratio Lower Upper

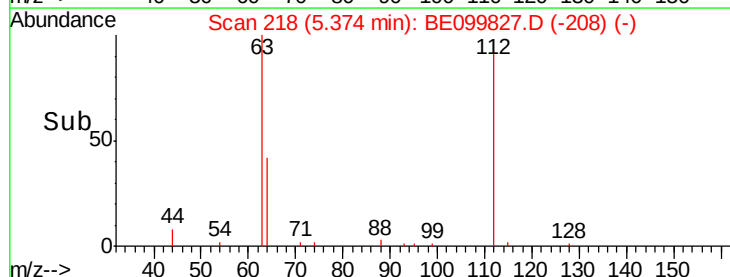
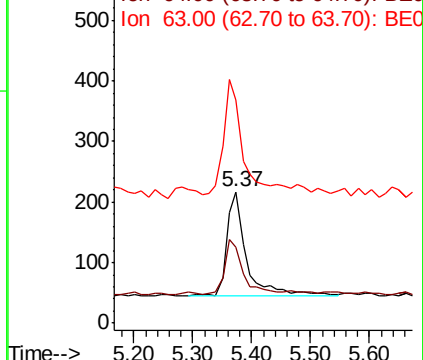
112 100

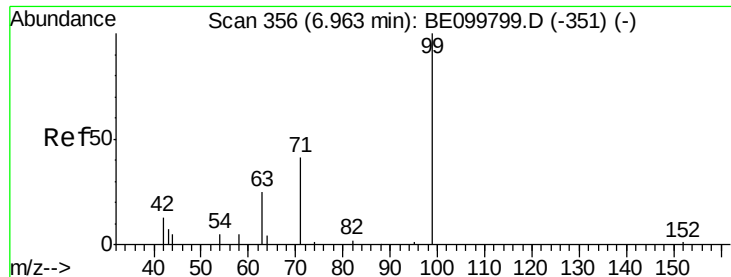
64 52.4 47.2 70.8

63 114.5 90.7 136.1



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: 0.089 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099827.D

Acq: 6 Jun 2019 18:24

Instrument :

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BP-TT-AOC22-MW08-20190603

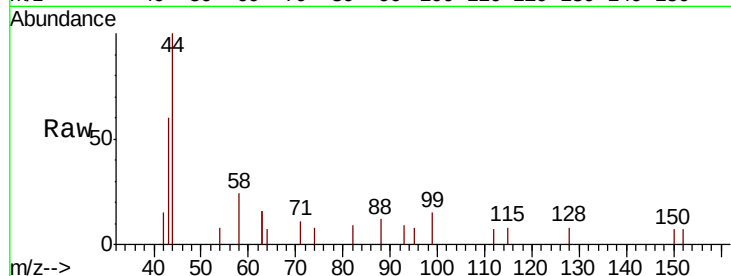
Tgt Ion: 99 Resp: 276

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

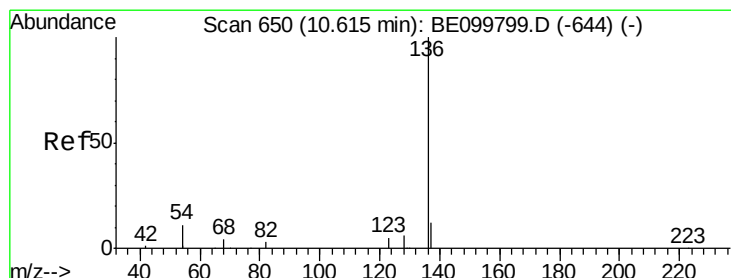
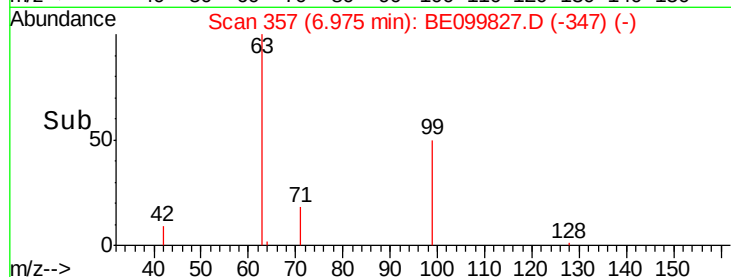
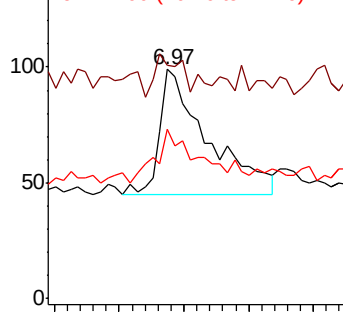
71 35.1 26.1 39.1



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099827.D

Acq: 6 Jun 2019 18:24

Tgt Ion: 136 Resp: 3208

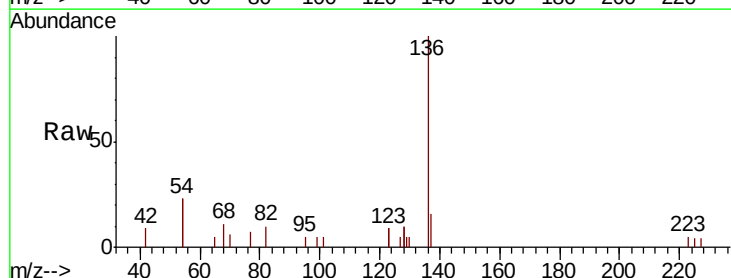
Ion Ratio Lower Upper

136 100

137 15.9 11.1 16.7

54 45.1 17.9 26.9#

68 10.8 5.4 8.0#

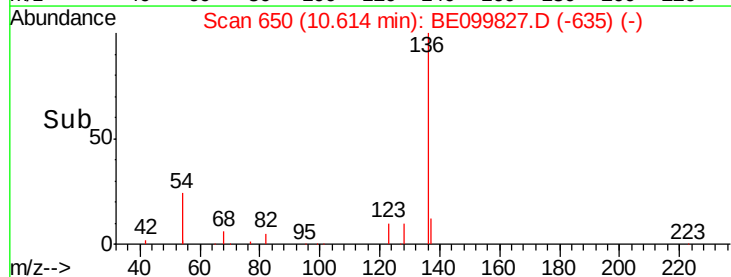
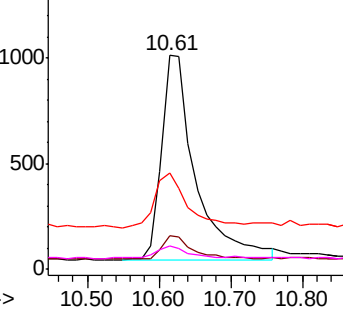


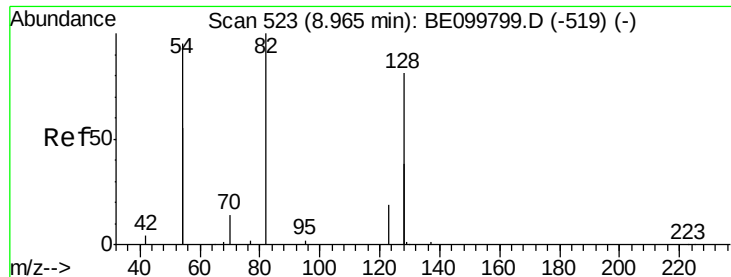
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099827.D

Acq: 6 Jun 2019 18:24

Instrument :

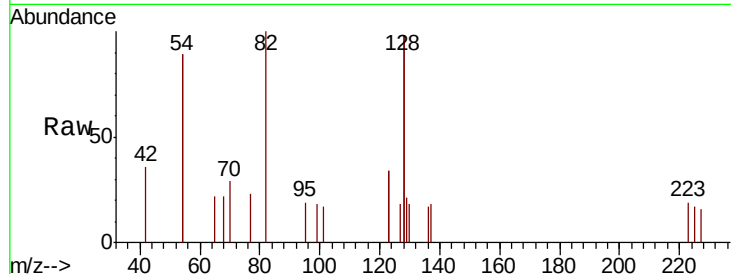
BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20190603

Tgt Ion: 82 Resp: 914

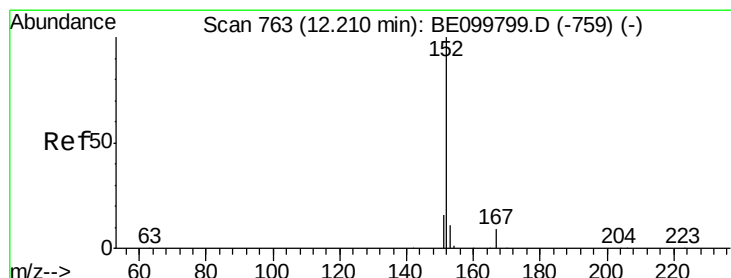
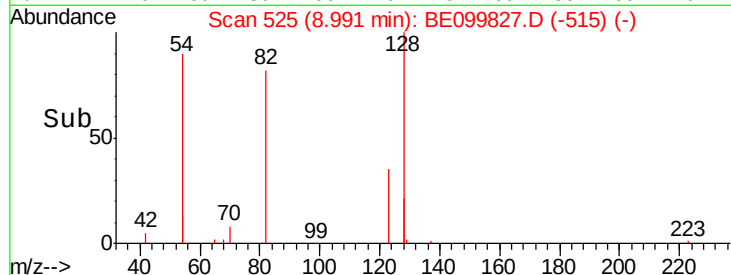
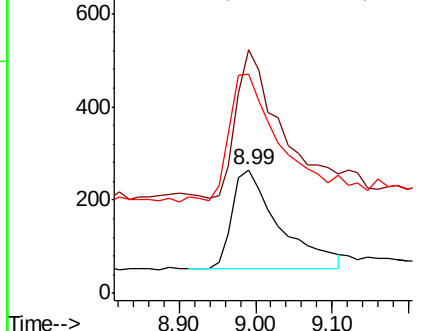
Ion	Ratio	Lower	Upper
82	100		
128	197.0	116.6	175.0#
54	177.4	136.2	204.4



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: 0.324 ng

RT: 12.22 min Scan# 764

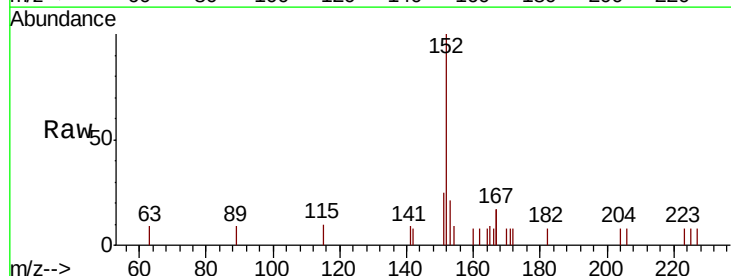
Delta R.T. 0.01 min

Lab File: BE099827.D

Acq: 6 Jun 2019 18:24

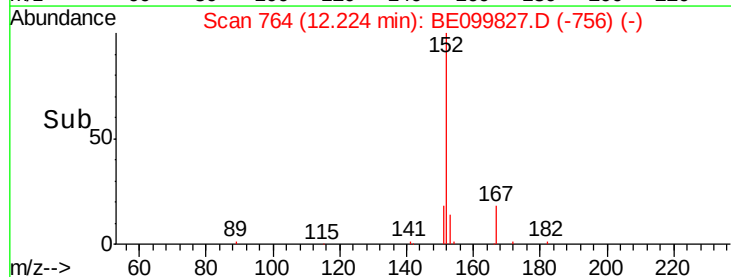
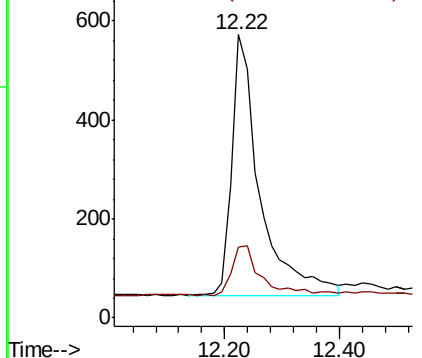
Tgt Ion: 152 Resp: 1787

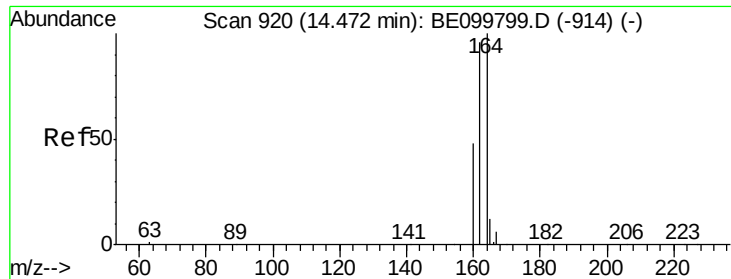
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

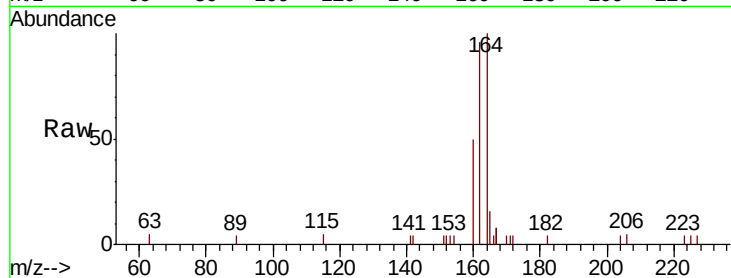




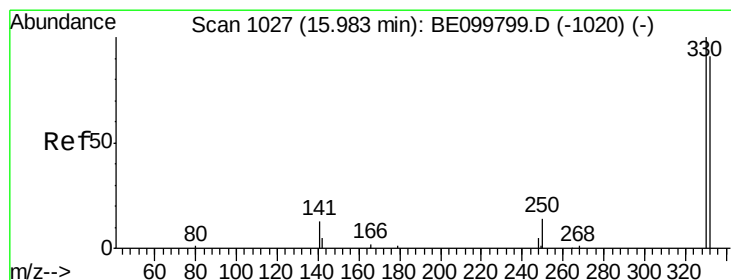
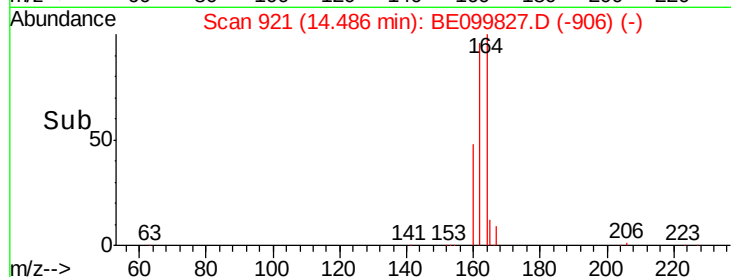
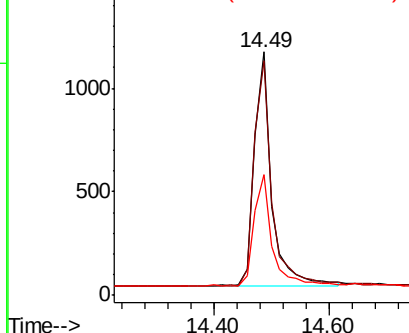
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 2390
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.2 115.8
 160 49.7 39.4 59.2

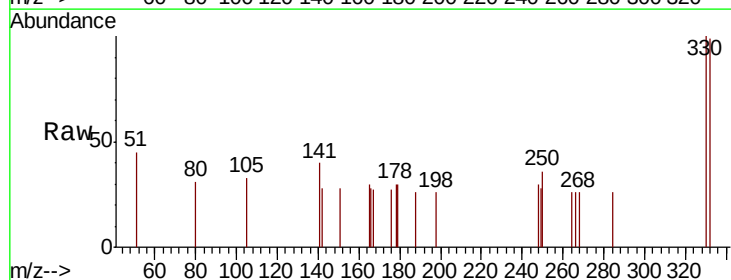


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

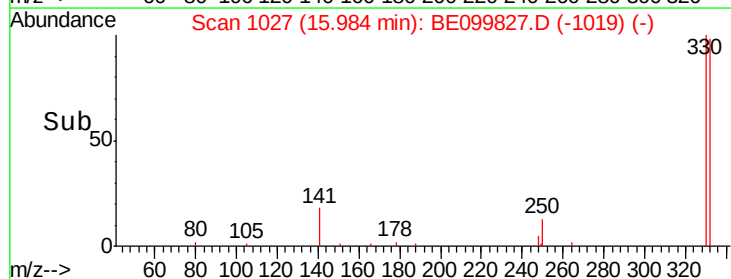
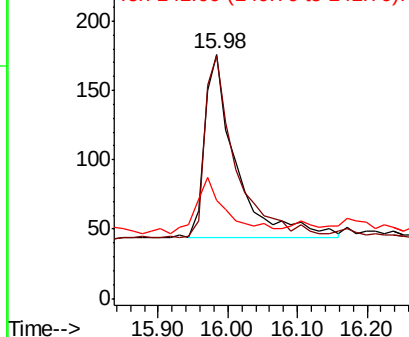


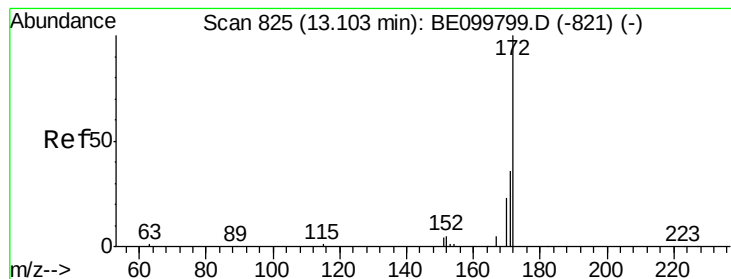
#14
 2,4,6-Tribromophenol
 Concen: 0.362 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Tgt Ion:330 Resp: 413
 Ion Ratio Lower Upper
 330 100
 332 98.5 74.9 112.3
 141 22.0 16.0 24.0



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

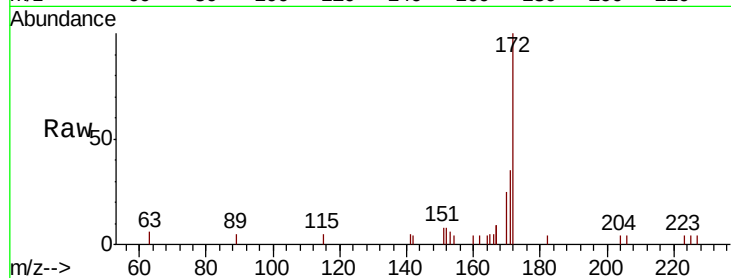




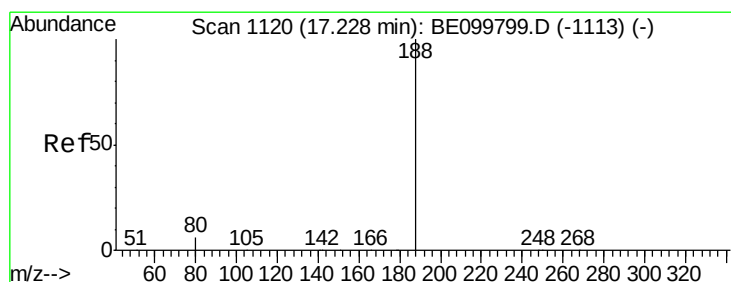
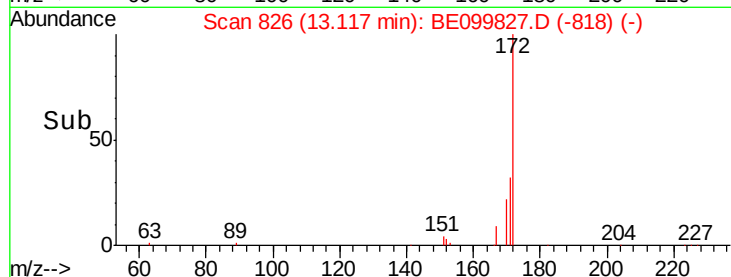
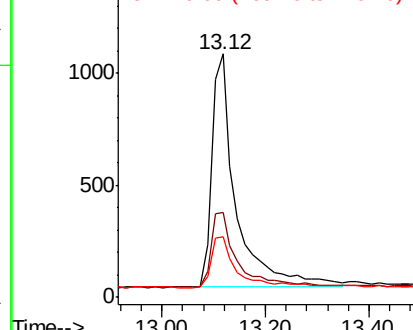
#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099827.D
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Tgt Ion:172 Resp: 3411
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.2 45.4
 170 25.0 20.1 30.1

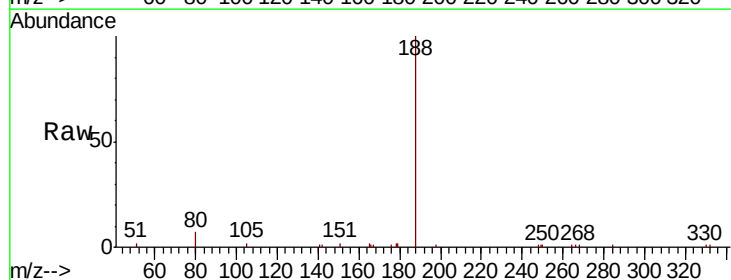


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

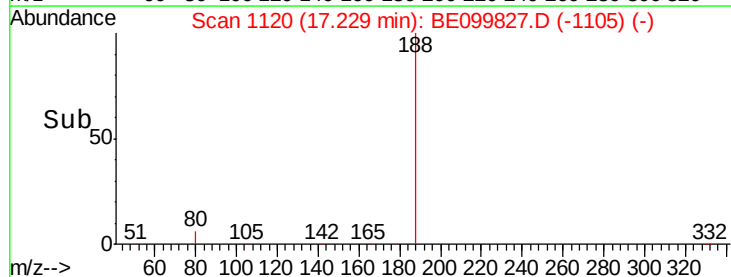
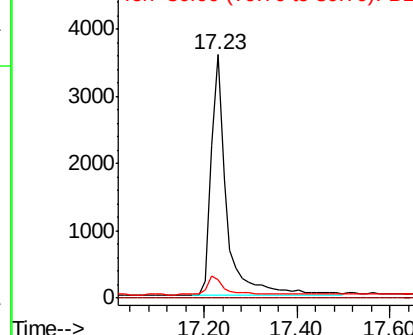


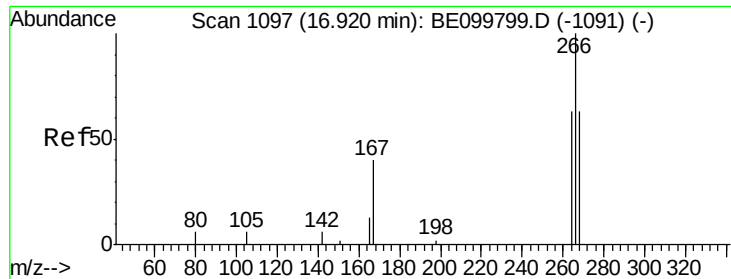
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Tgt Ion:188 Resp: 8200
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.4 5.2 7.8



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

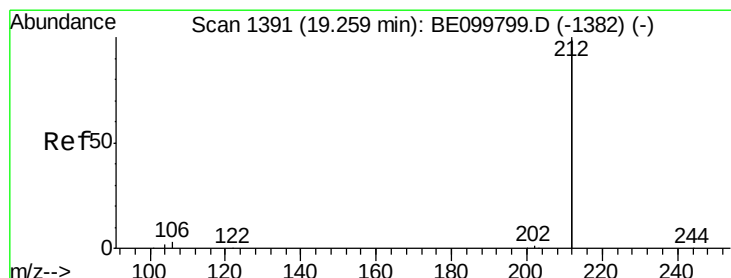
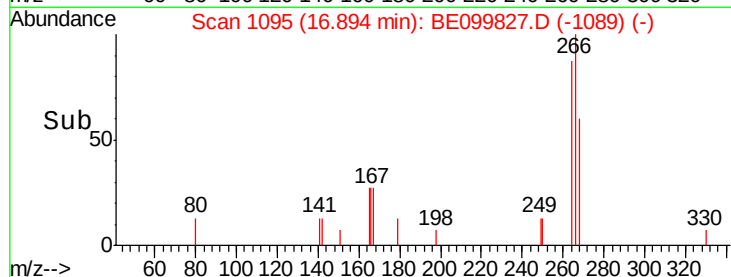
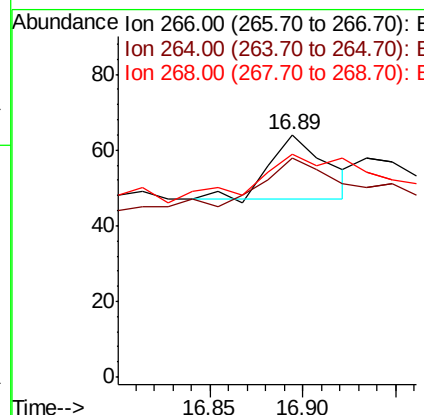
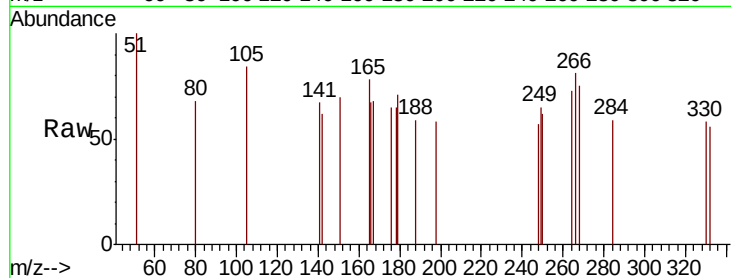




#22
 Pentachlorophenol
 Concen: 0.302 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

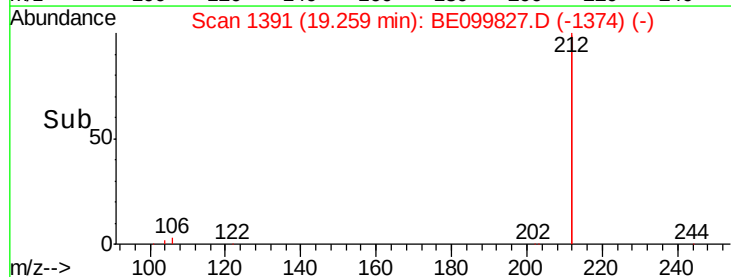
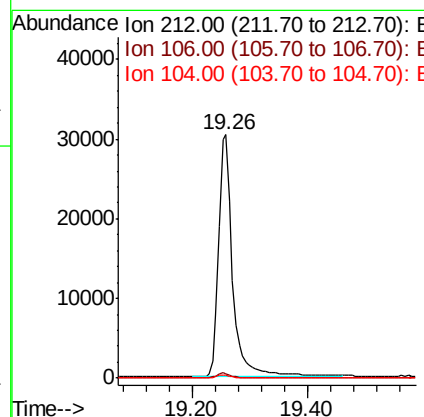
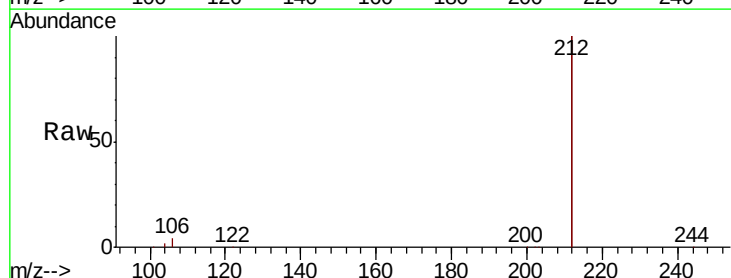
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20190603

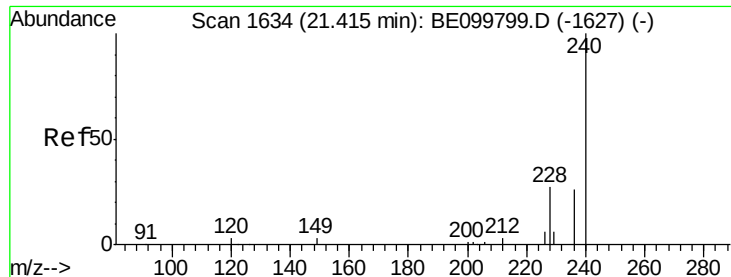
Tgt Ion: 266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 90.6 64.9 97.3
 268 92.2 64.0 96.0



#25
 Fluoranthene-d10
 Concen: 0.423 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Tgt Ion: 212 Resp: 51548
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.0
 104 1.0 0.8 1.2

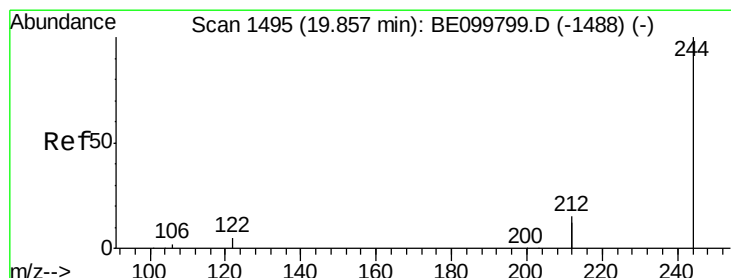
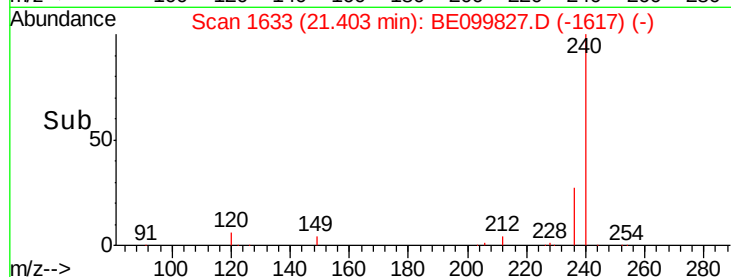
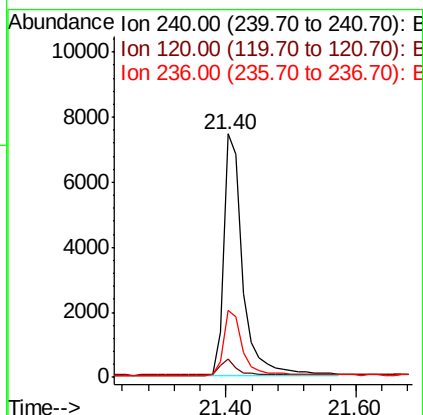
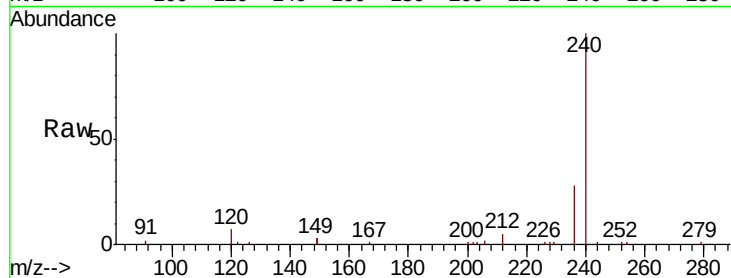




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

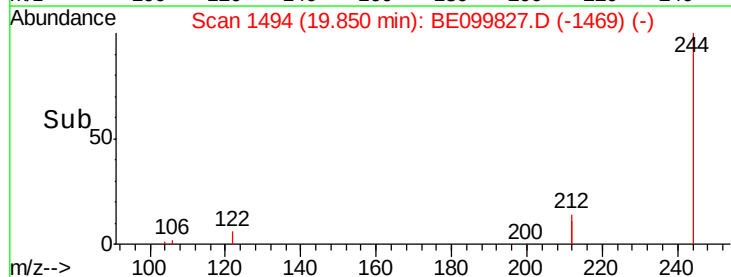
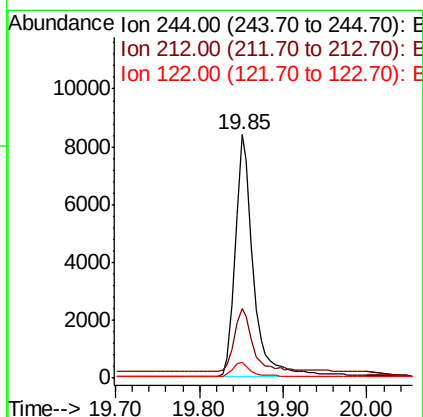
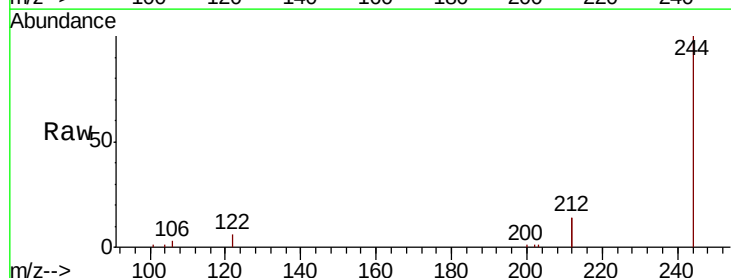
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20190603

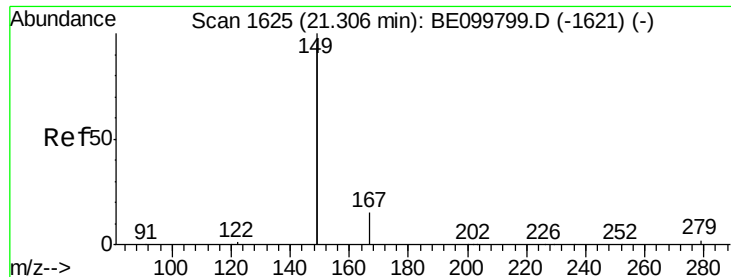
Tgt Ion:240 Resp: 15332
 Ion Ratio Lower Upper
 240 100
 120 7.3 2.8 4.2#
 236 27.6 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.504 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Tgt Ion:244 Resp: 12658
 Ion Ratio Lower Upper
 244 100
 212 28.3 23.7 35.5
 122 6.4 4.8 7.2

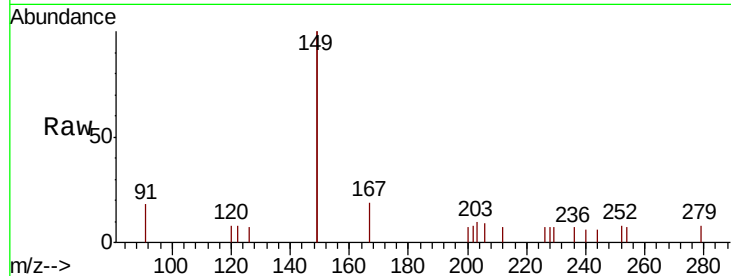




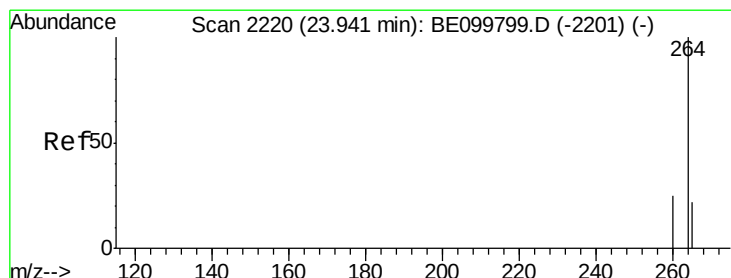
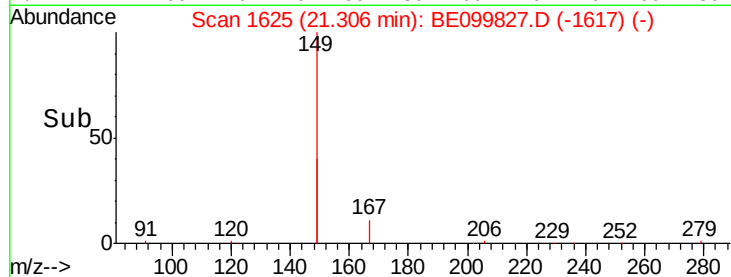
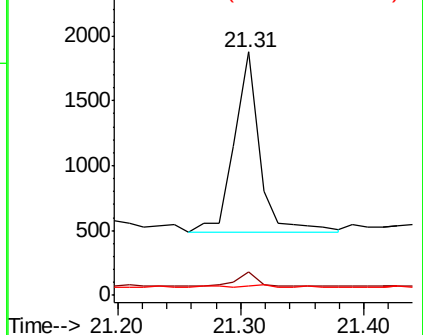
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20190603

Tgt Ion:149 Resp: 1960
 Ion Ratio Lower Upper
 149 100
 167 6.6 6.0 9.0
 279 2.2 1.2 1.8#

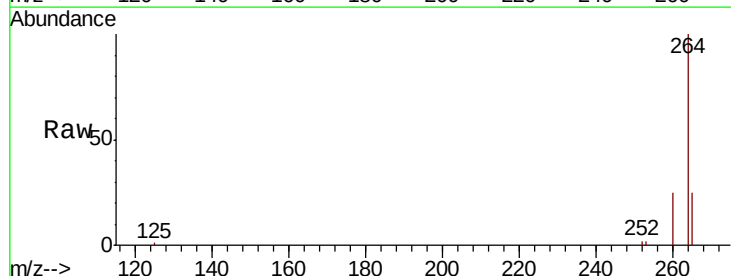


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BE099827.D
 Acq: 6 Jun 2019 18:24

Tgt Ion:264 Resp: 18079
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 25.1 20.7 31.1



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

