

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099004.D
 Acq On : 18 Mar 2019 17:11
 Operator : JU/SJ
 Sample : K1912-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

Quant Time: Mar 19 01:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

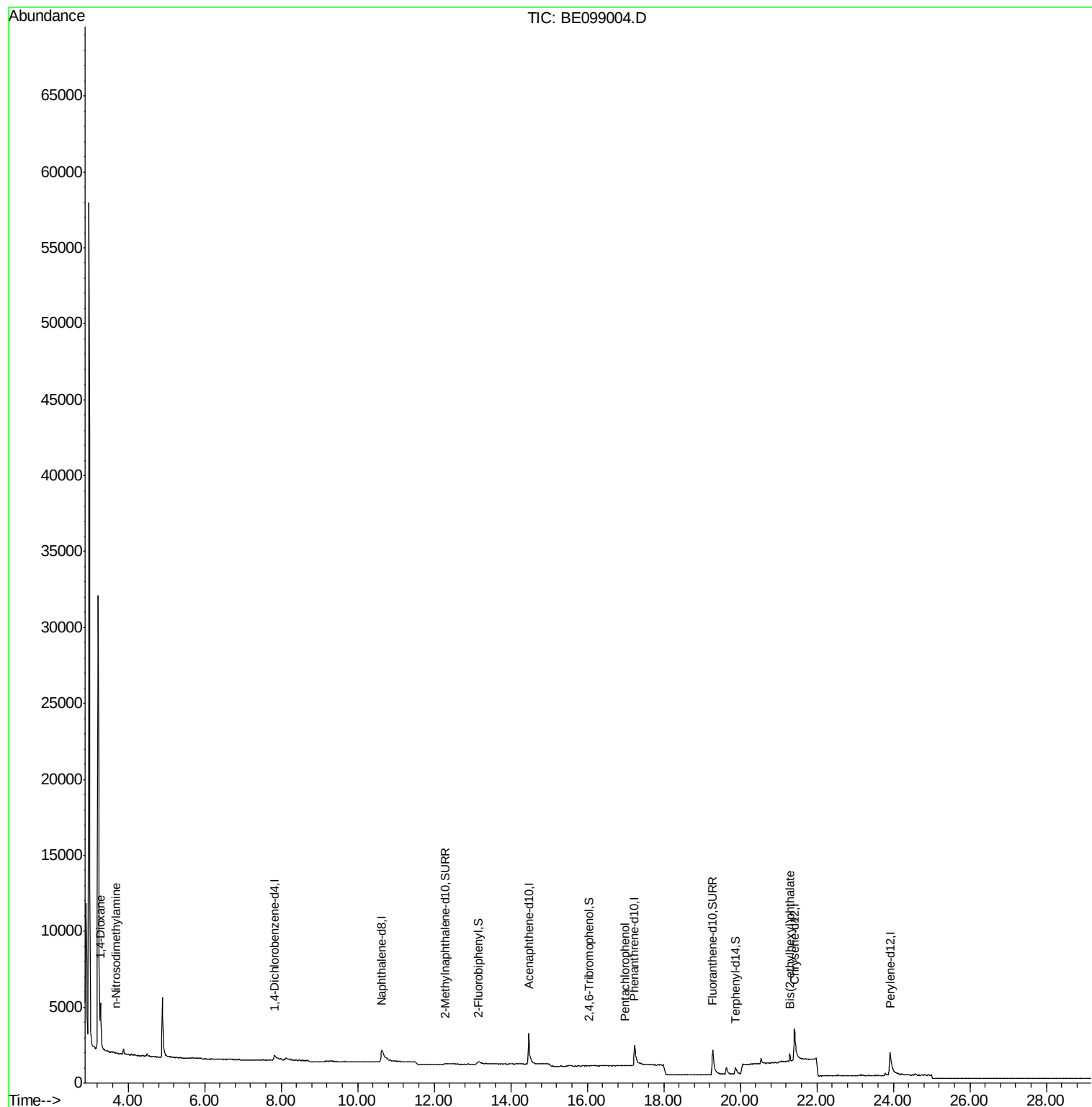
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	433	0.40	ng	0.05
7) Naphthalene-d8	10.63	136	2962	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2344	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5585	0.40	ng	0.01
27) Chrysene-d12	21.42	240	5130	0.40	ng	0.01
34) Perylene-d12	23.91	264	4533	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	5	0.00	ng	0.02
5) Phenol-d6	7.03	99	4	0.00	ng	0.05
8) Nitrobenzene-d5	9.02	82	5	0.00	ng	0.05
11) 2-Methylnaphthalene-d10	12.30	152	379	0.07	ng	0.10
14) 2,4,6-Tribromophenol	16.04	330	32	0.03	ng	0.07
15) 2-Fluorobiphenyl	13.15	172	603	0.06	ng	0.06
25) Fluoranthene-d10	19.28	212	5854	0.07	ng	0.03
29) Terphenyl-d14	19.87	244	987	0.08	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.28	88	1670	2.401	ng	Qvalue 100
3) n-Nitrosodimethylamine	3.69	42	54	0.050	ng	# 14
22) Pentachlorophenol	16.97	266	4	0.268	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	714	0.021	ng	# 97

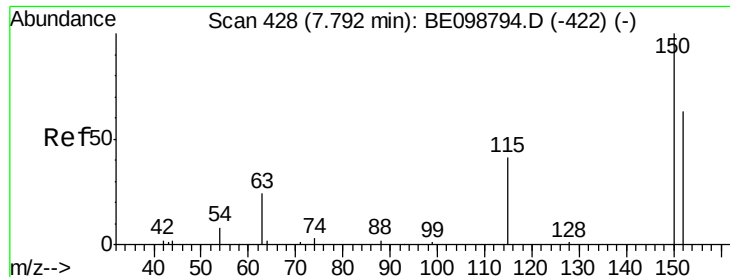
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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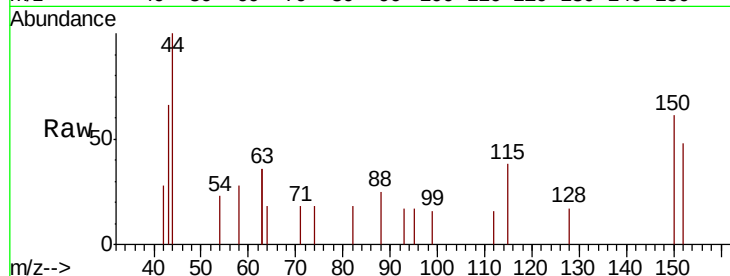


#1

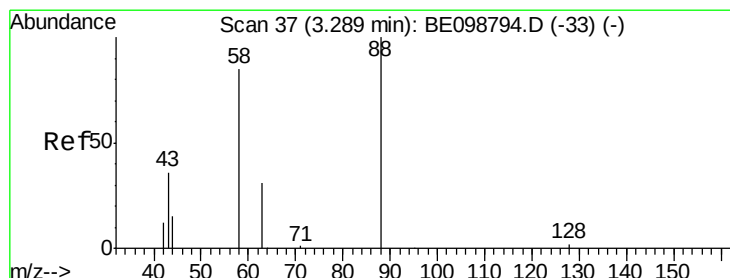
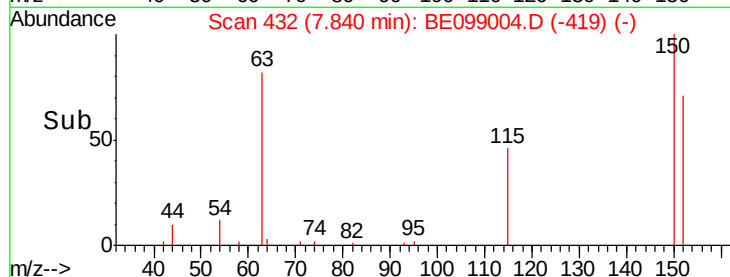
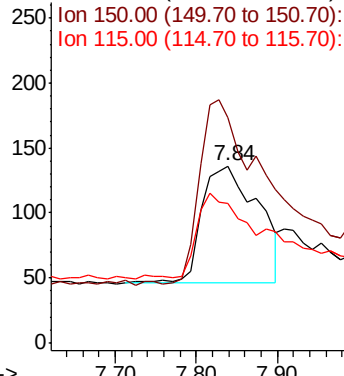
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.05 min
Lab File: BE099004.D
Acq: 18 Mar 2019 17:11

Instrument :
BNA_E
ClientSampleId :
M3-T1-UV(PRE)DL

Tgt Ion: 152 Resp: 433
Ion Ratio Lower Upper
152 100
150 127.2 122.5 183.7
115 78.7 57.4 86.2



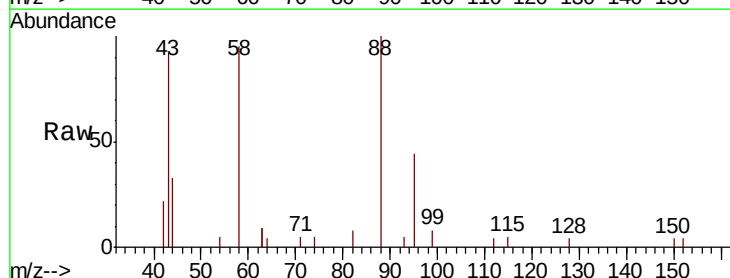
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



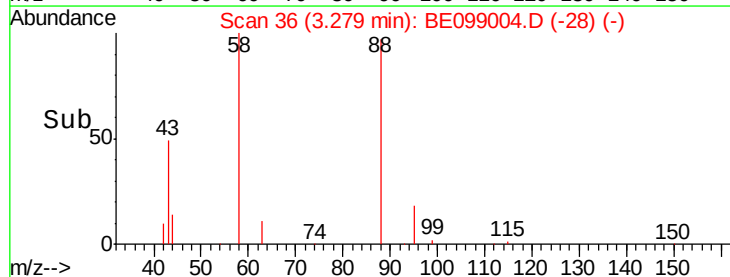
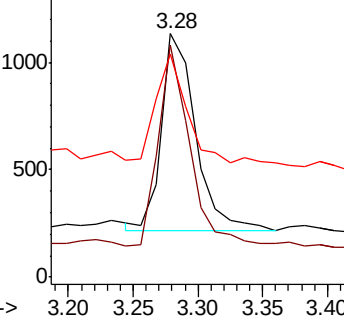
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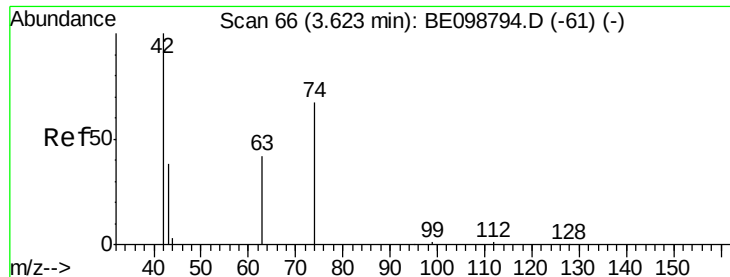
1,4-Dioxane
Concen: 2.401 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099004.D
Acq: 18 Mar 2019 17:11

Tgt Ion: 88 Resp: 1670
Ion Ratio Lower Upper
88 100
58 94.8 75.8 113.6
43 51.5 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

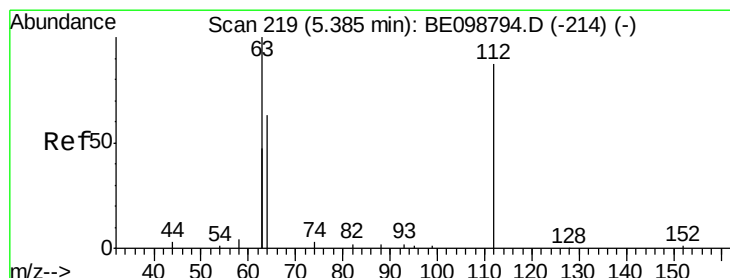
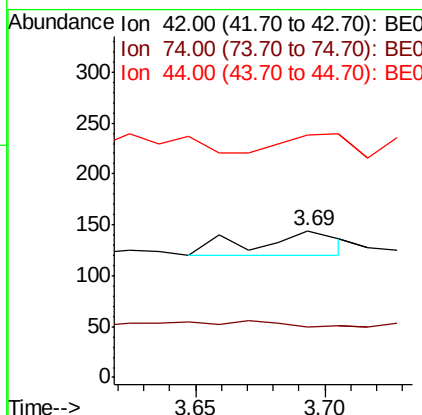
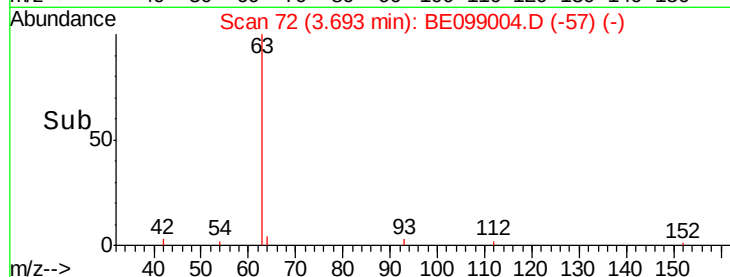
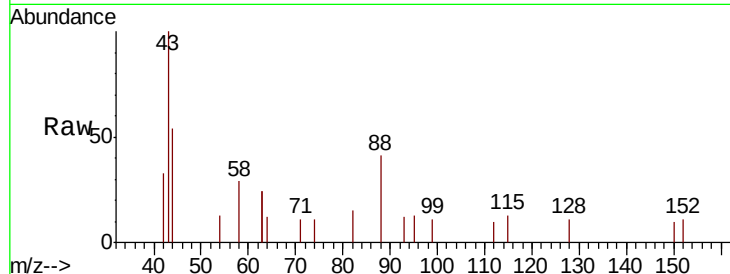




#3
 n-Nitrosodimethylamine
 Concen: 0.050 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.07 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

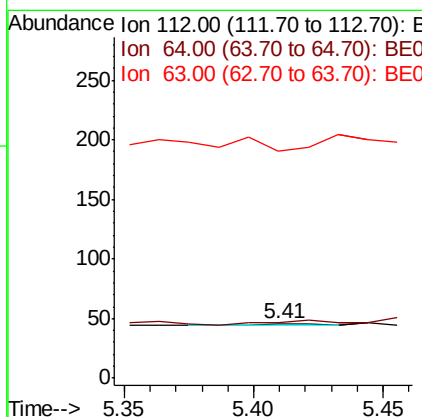
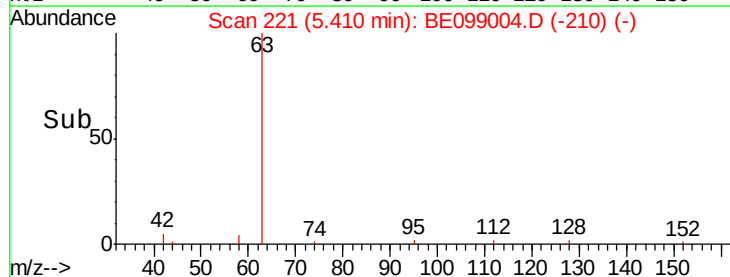
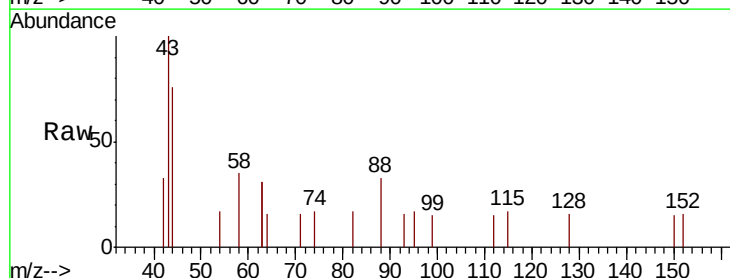
Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

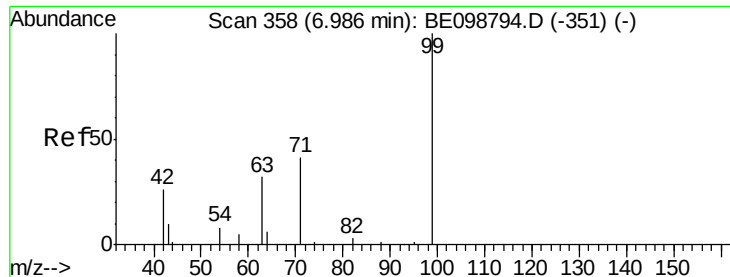
Tgt Ion: 42 Resp: 54
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.004 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion: 112 Resp: 5
 Ion Ratio Lower Upper
 112 100
 64 140.0 57.9 86.9#
 63 0.0 158.3 237.5#





#5

Phenol-d6

Concen: 0.002 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)DL

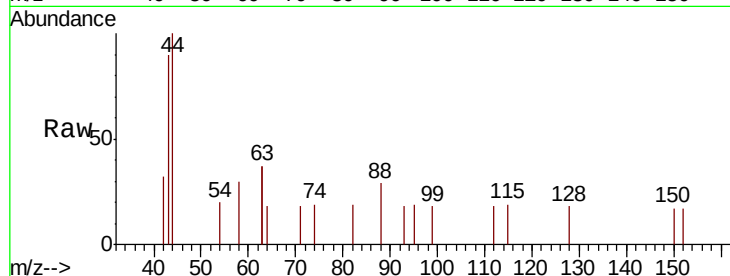
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

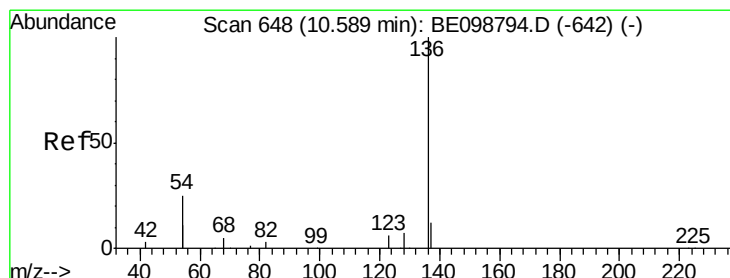
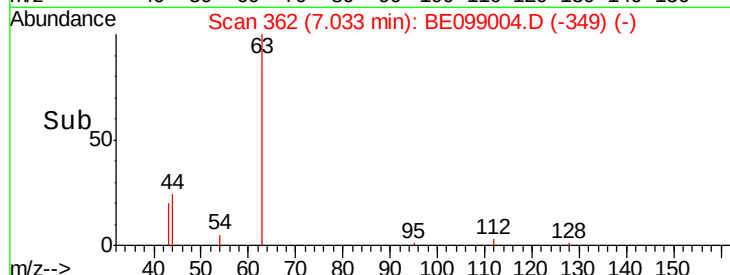
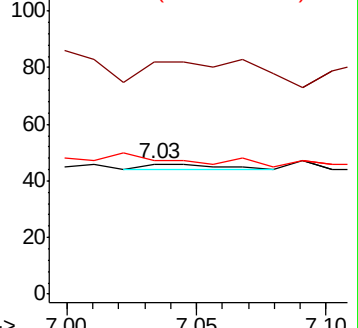
71 150.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Tgt Ion: 136 Resp: 2962

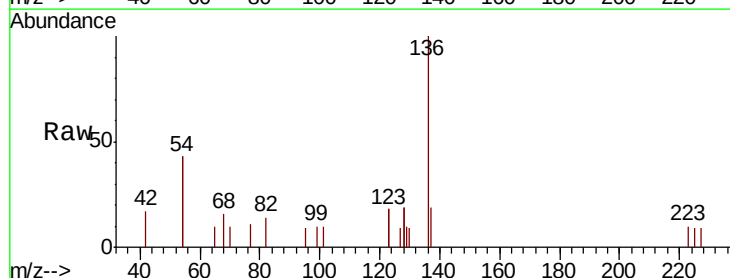
Ion Ratio Lower Upper

136 100

137 19.2 11.4 17.0#

54 85.1 39.3 58.9#

68 15.5 6.7 10.1#

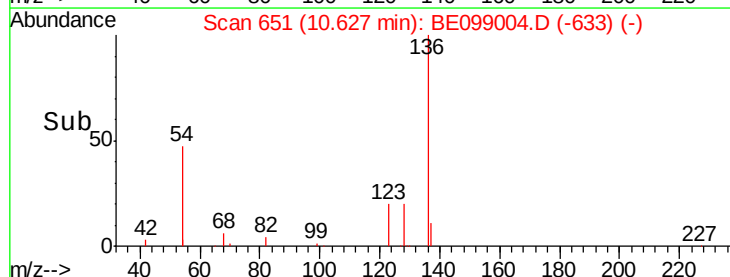
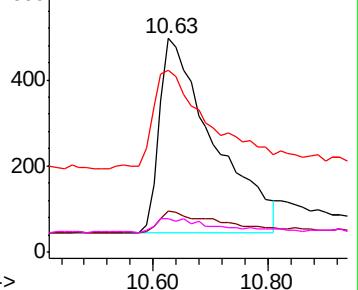


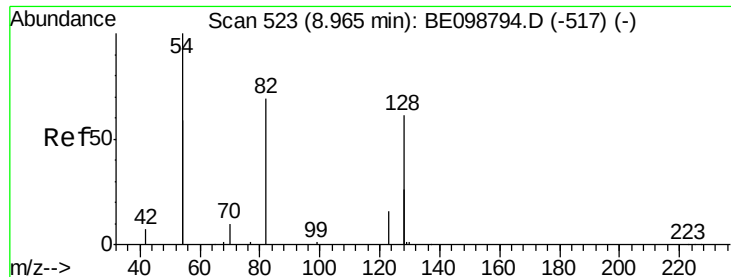
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

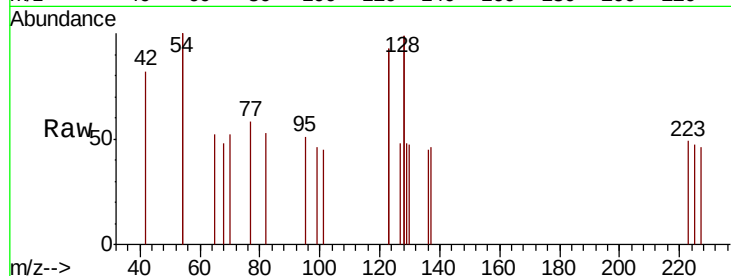
Instrument :

BNA_E

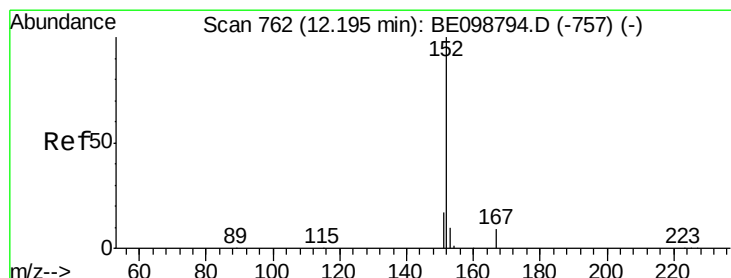
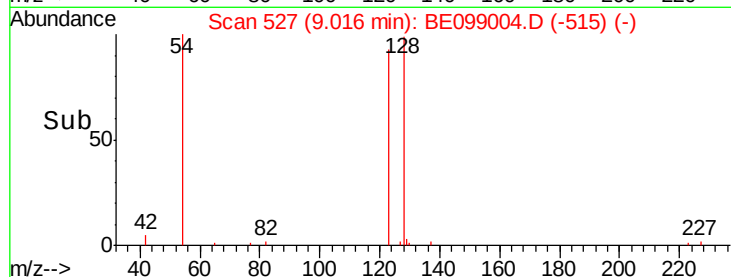
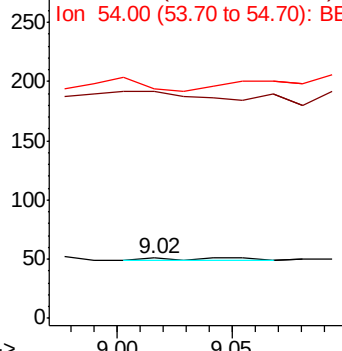
ClientSampleId :

M3-T1-UV(PRE)DL

Tgt Ion:	82	Resp:	5
Ion	Ratio	Lower	Upper
82	100		
128	376.5	123.8	185.8#
54	380.4	203.4	305.2#



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: 0.069 ng

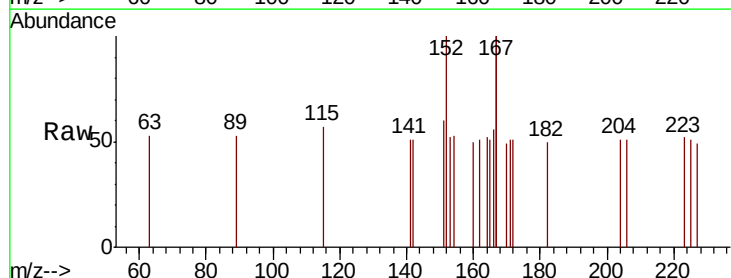
RT: 12.30 min Scan# 769

Delta R.T. 0.10 min

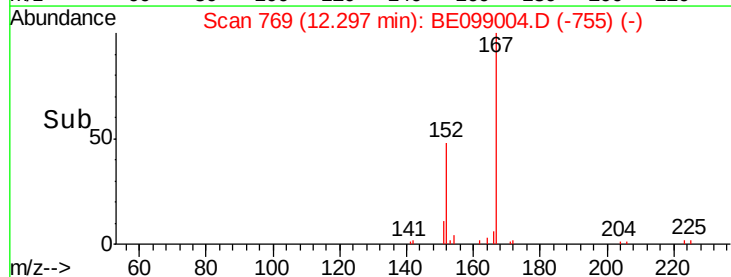
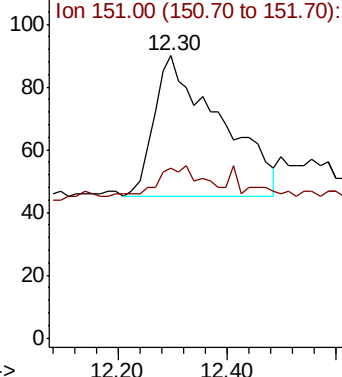
Lab File: BE099004.D

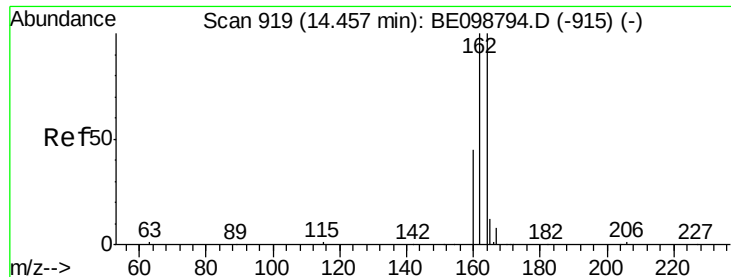
Acq: 18 Mar 2019 17:11

Tgt Ion:	152	Resp:	379
Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.5	24.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

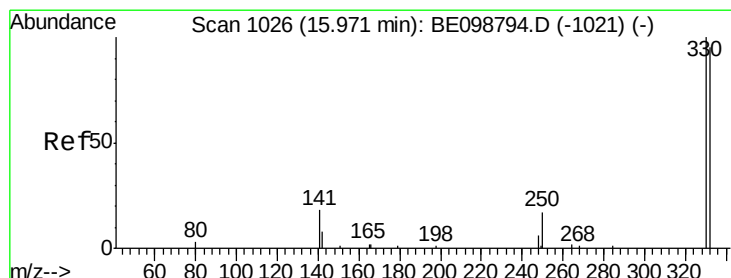
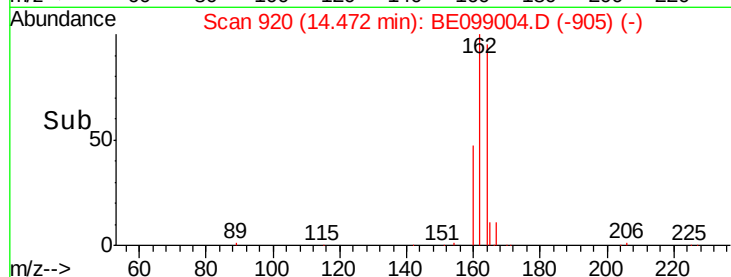
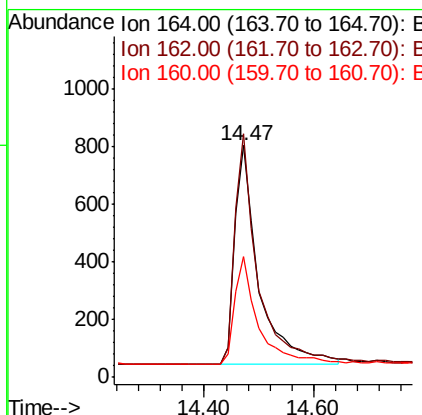
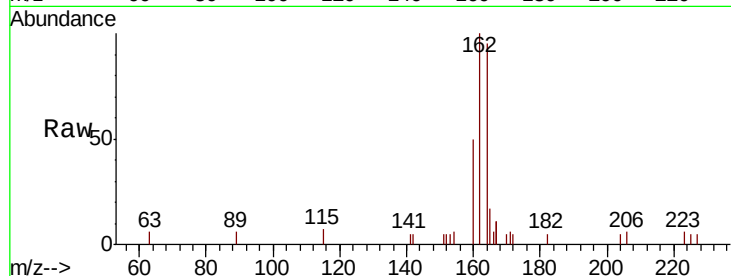




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

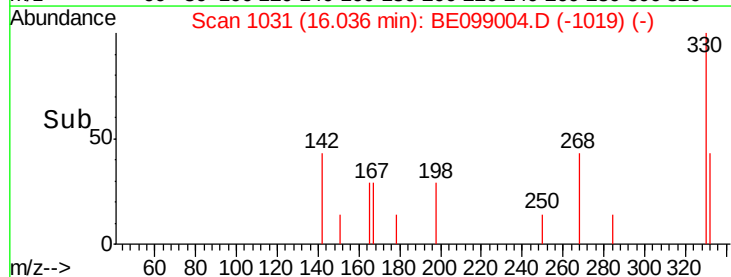
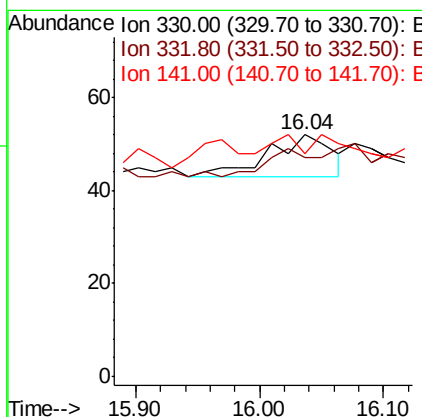
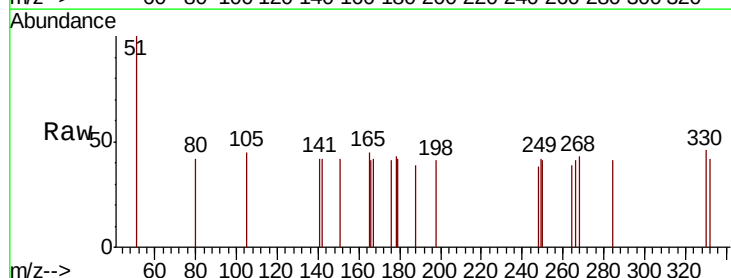
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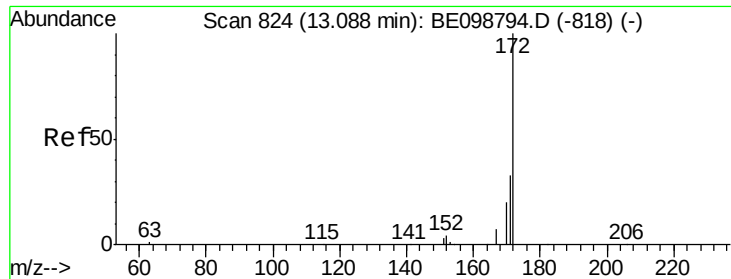
Tgt Ion:164 Resp: 2344
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 52.1 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.027 ng
 RT: 16.04 min Scan# 1031
 Delta R.T. 0.07 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion:330 Resp: 32
 Ion Ratio Lower Upper
 330 100
 332 43.8 77.6 116.4#
 141 18.8 31.0 46.4#

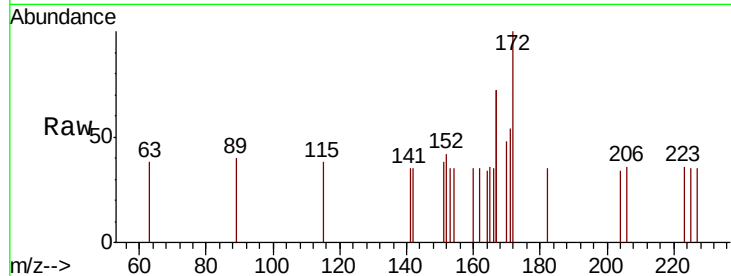




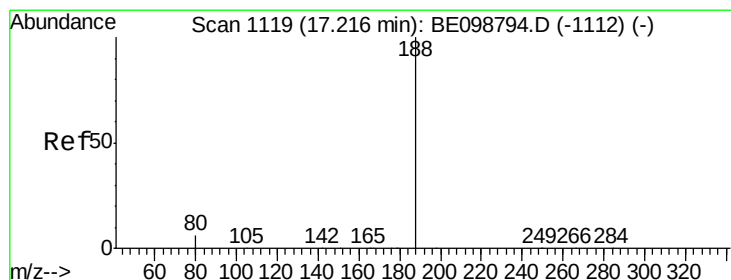
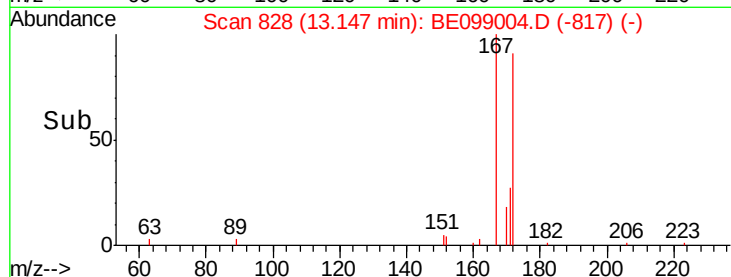
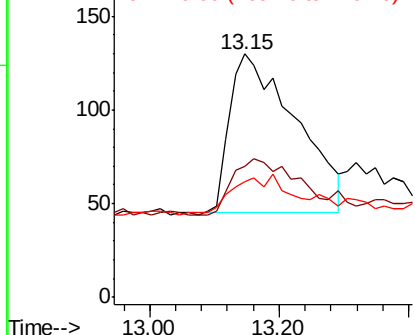
#15
 2-Fluorobiphenyl
 Concen: 0.062 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.06 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

Tgt Ion:172 Resp: 603
 Ion Ratio Lower Upper
 172 100
 171 53.8 28.0 42.0#
 170 47.7 17.7 26.5#

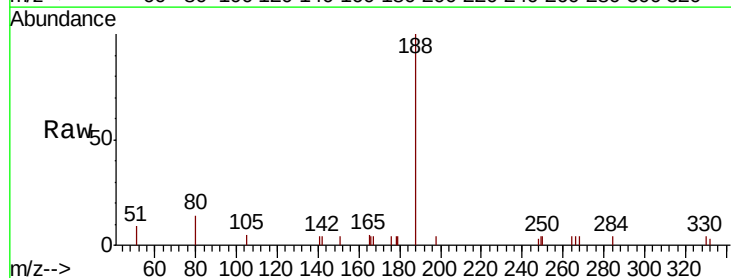


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

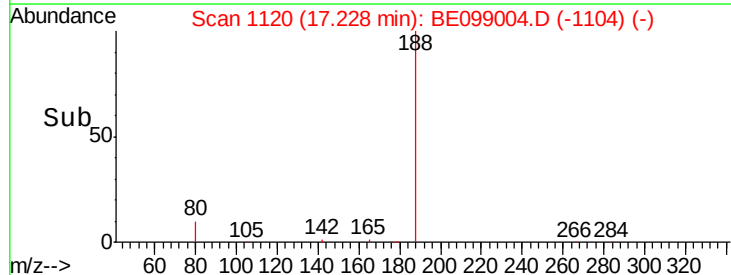
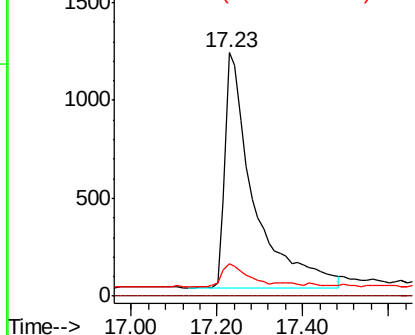


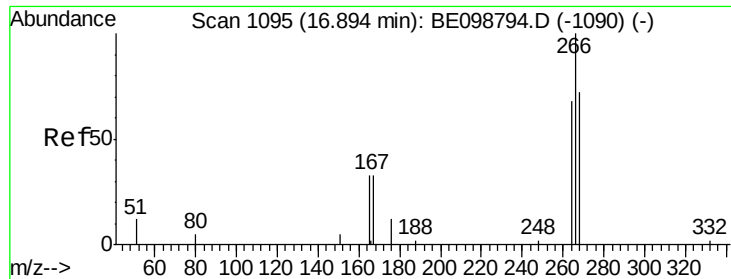
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion:188 Resp: 5585
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.5 6.3 9.5#



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

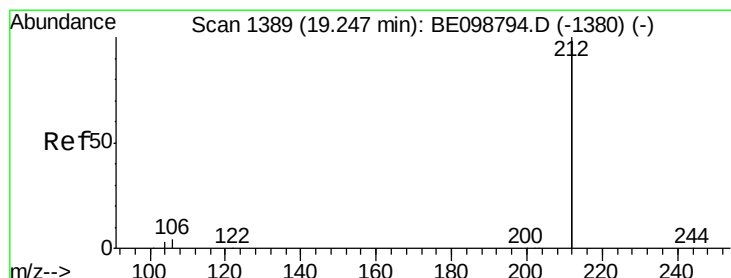
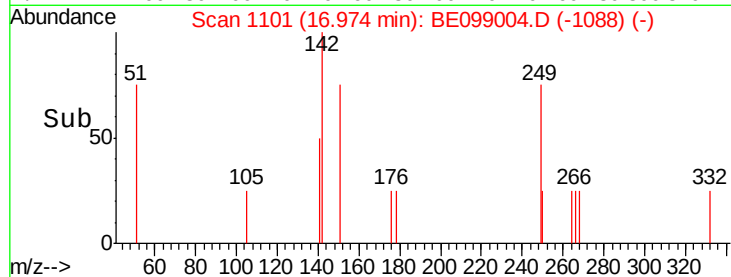
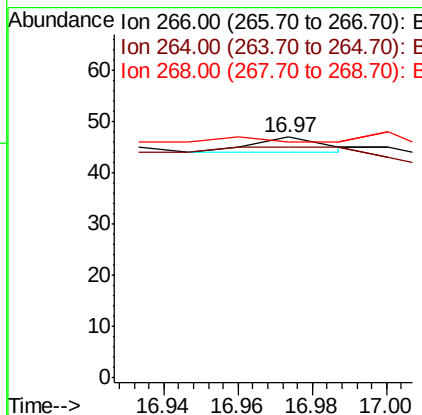
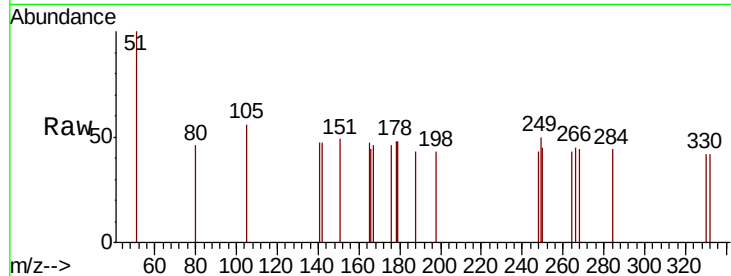




#22
 Pentachlorophenol
 Concen: 0.268 ng
 RT: 16.97 min Scan# 1101
 Delta R.T. 0.08 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

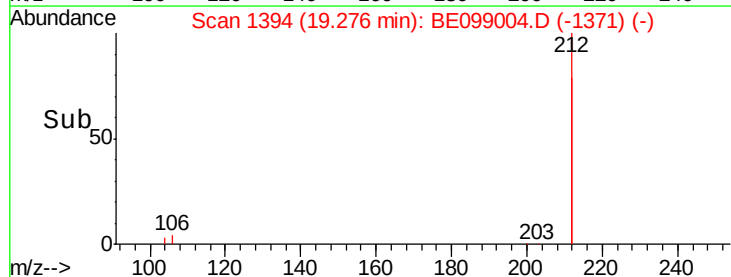
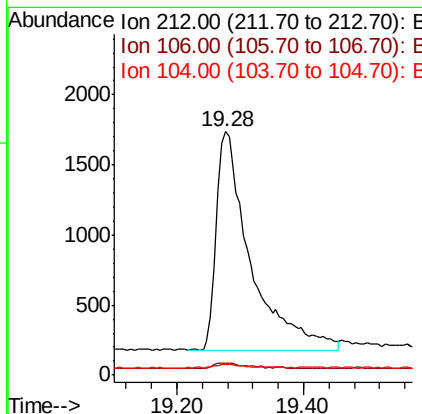
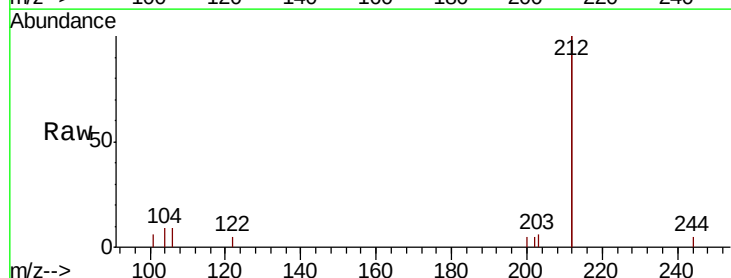
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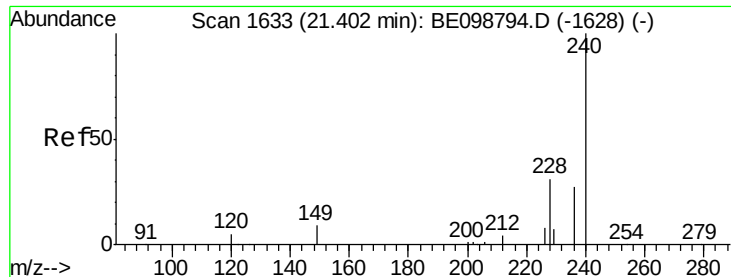
Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 95.7 66.6 100.0
 268 97.9 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.066 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. 0.03 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion: 212 Resp: 5854
 Ion Ratio Lower Upper
 212 100
 106 2.1 1.8 2.8
 104 1.2 1.0 1.6

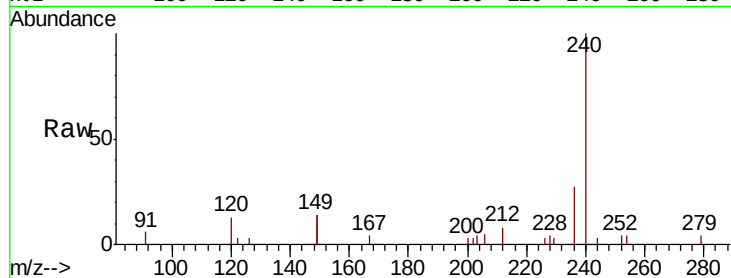




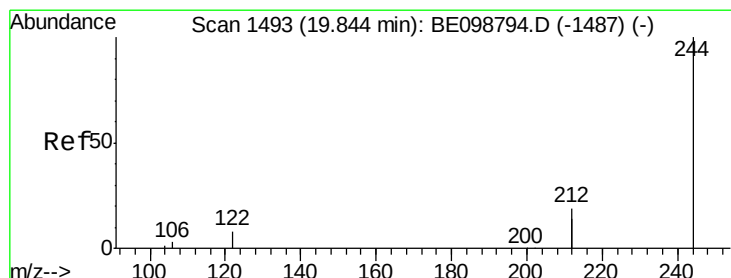
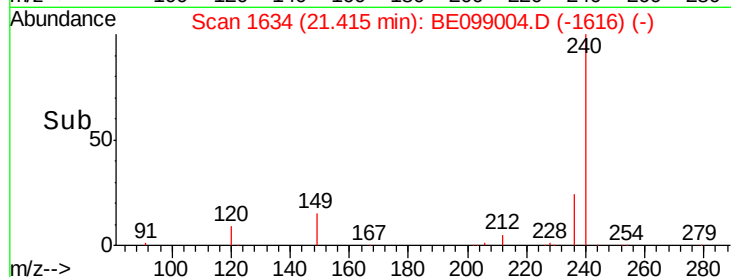
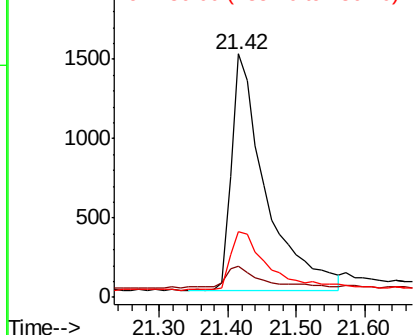
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

Tgt Ion:240 Resp: 5130
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.0 7.4#
 236 27.0 22.7 34.1

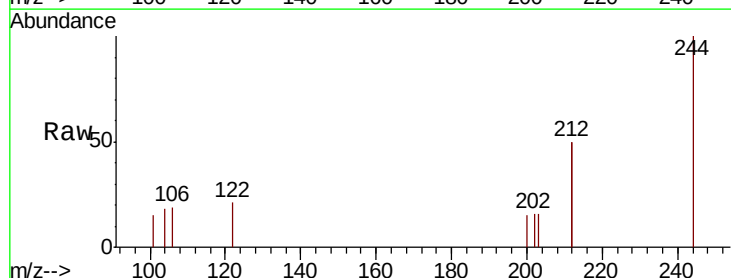


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

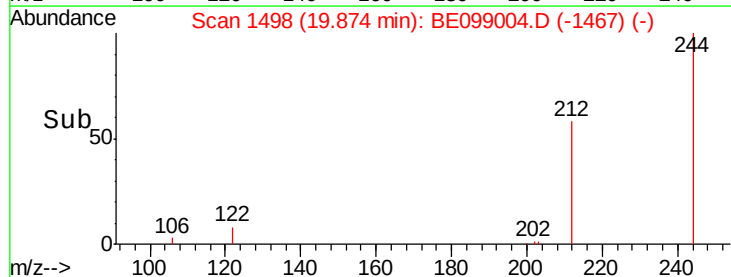
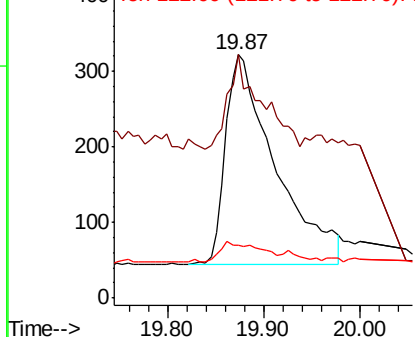


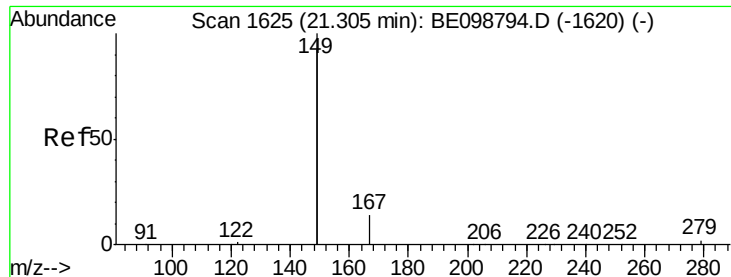
#29
 Terphenyl-d14
 Concen: 0.079 ng
 RT: 19.87 min Scan# 1498
 Delta R.T. 0.03 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion:244 Resp: 987
 Ion Ratio Lower Upper
 244 100
 212 100.0 29.4 44.2#
 122 21.4 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

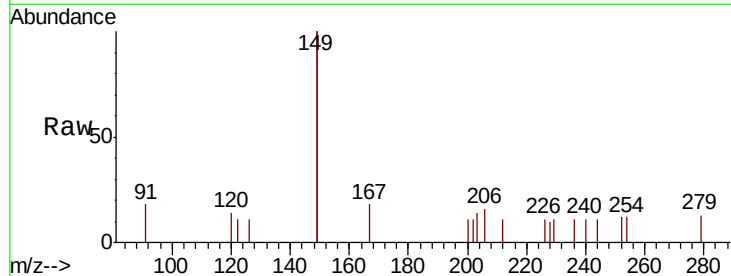




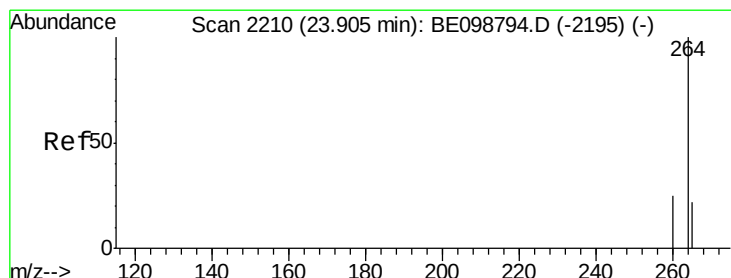
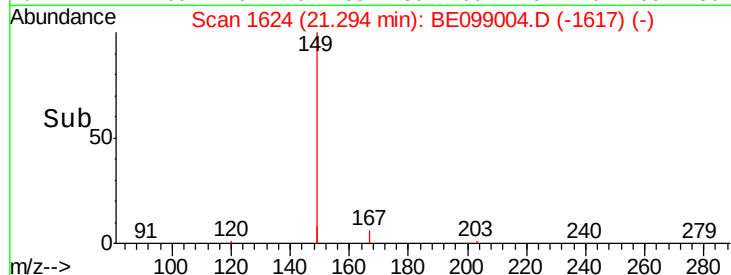
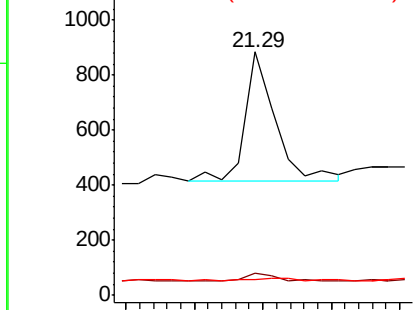
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

Tgt Ion:149 Resp: 714
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.4 8.0
 279 5.2 1.0 1.4#

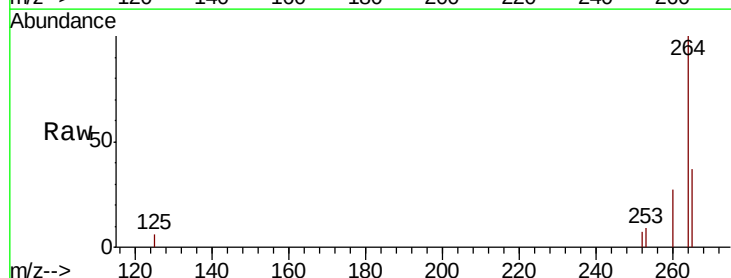


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2212
 Delta R.T. 0.01 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion:264 Resp: 4533
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 37.3 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

