

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098824.D
 Acq On : 7 Mar 2019 17:28
 Operator : JU/SJ
 Sample : K1659-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-UV(POSTHYPO)

Quant Time: Mar 08 03:35:42 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	867	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3383	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2276	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5993	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7755	0.40	ng	0.00
34) Perylene-d12	23.90	264	7503	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	606	0.23	ng	0.00
5) Phenol-d6	7.00	99	504	0.14	ng	0.01
8) Nitrobenzene-d5	8.96	82	1329	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2706	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	526	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	6634	0.70	ng	-0.01
25) Fluoranthene-d10	19.25	212	40730	0.43	ng	0.00
29) Terphenyl-d14	19.84	244	10166	0.54	ng	0.00

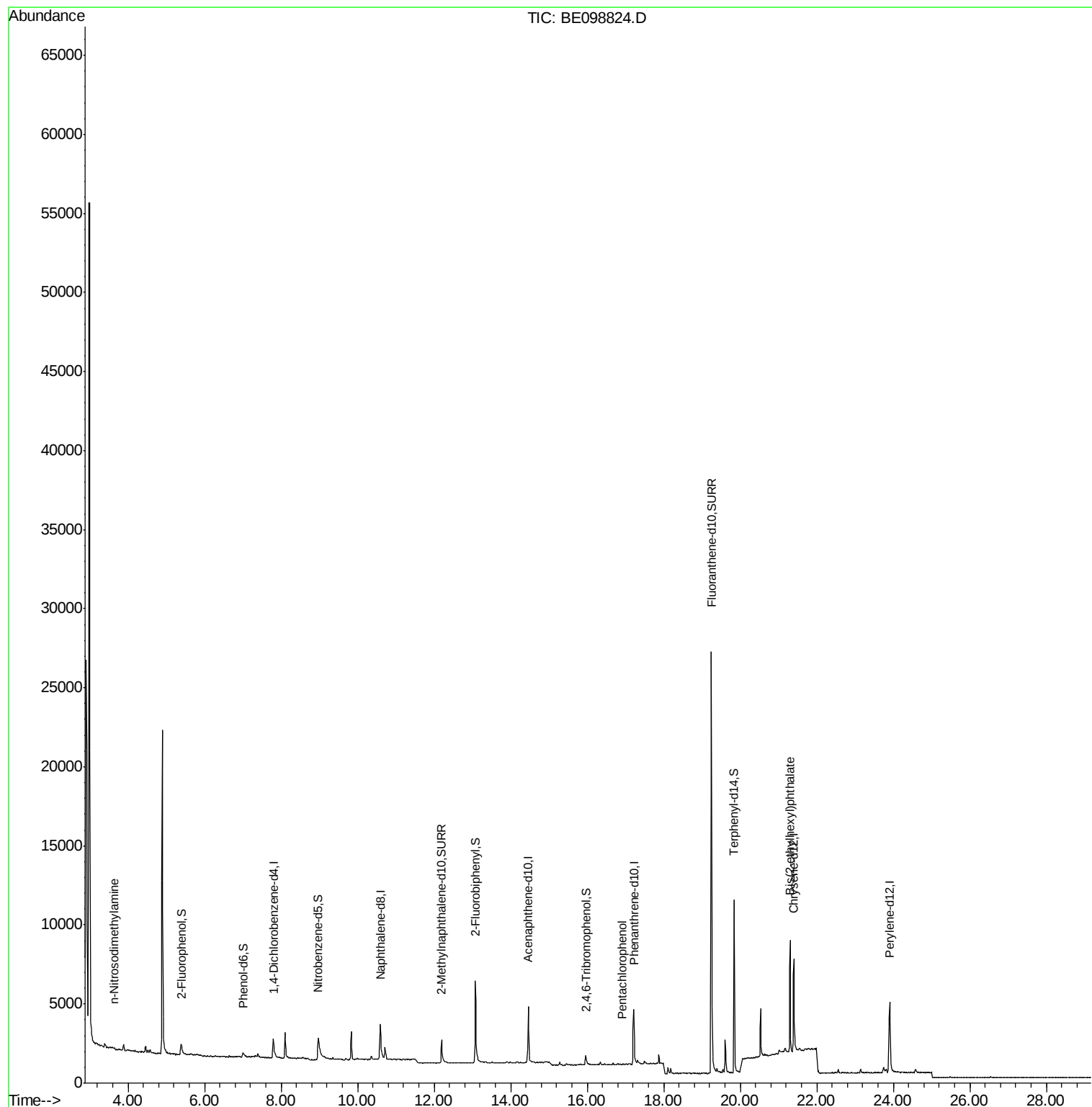
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	67	Below Cal	#	1
3) n-Nitrosodimethylamine	3.63	42	53	0.024	ng	# 23
22) Pentachlorophenol	16.92	266	5	0.268	ng	88
32) Bis(2-ethylhexyl)phthalate	21.31	149	9155	0.178	ng	97

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

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Misc :
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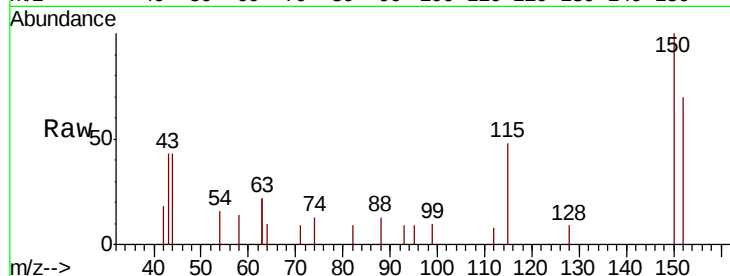


#1

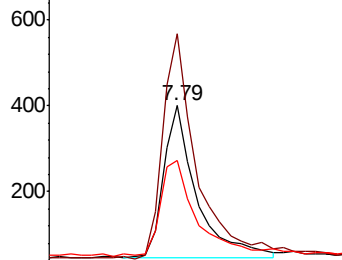
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098824.D
Acq: 7 Mar 2019 17:28

Instrument :
BNA_E
ClientSampleId :
M2-T5-UV(POSTHYPO)

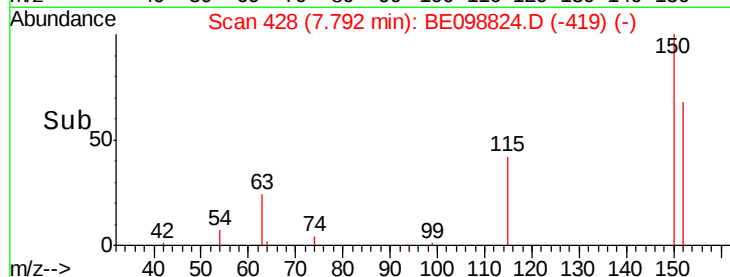
Tgt Ion: 152 Resp: 867
Ion Ratio Lower Upper
152 100
150 142.0 122.5 183.7
115 68.3 57.4 86.2



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



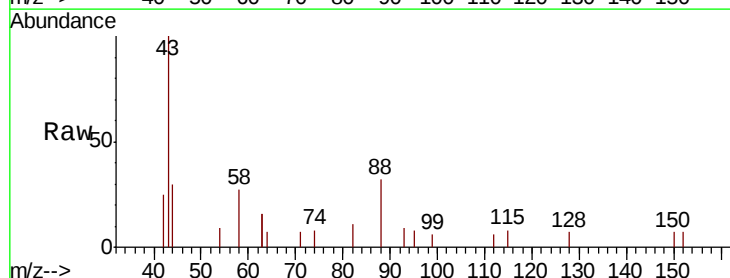
Time-->



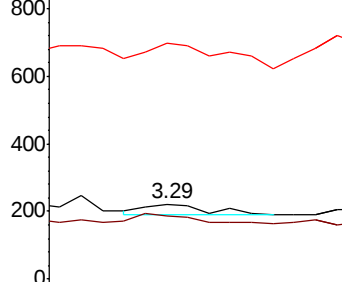
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098824.D
Acq: 7 Mar 2019 17:28

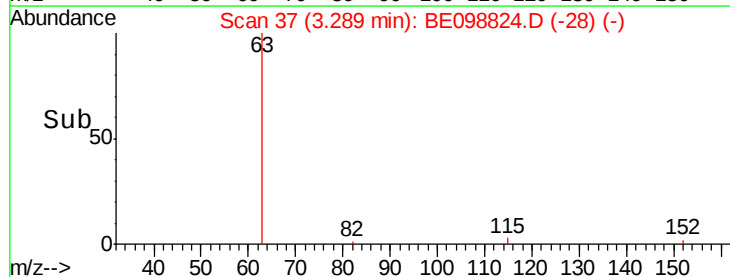
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
58 88.1 75.8 113.6
43 320.9 41.8 62.8#



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



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

Instrument :

BNA_E

ClientSampleId :

M2-T5-UV(POSTHYPO)

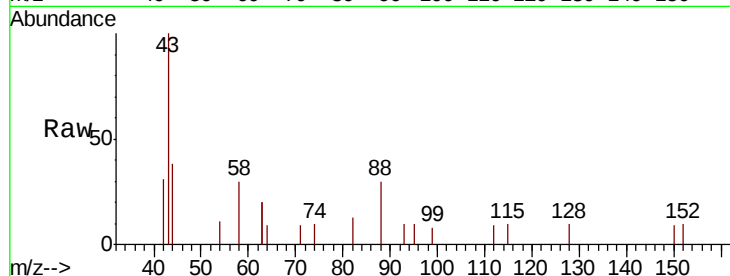
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

74 7.5 57.0 85.4#

44 105.7 0.0 0.0#



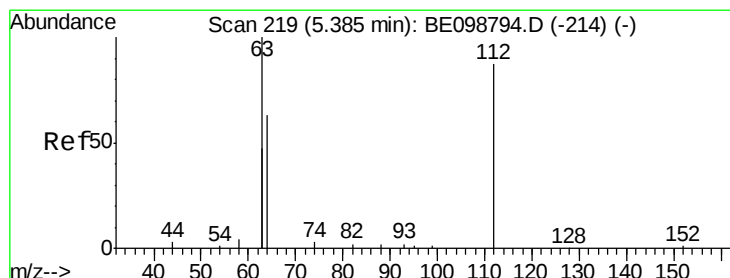
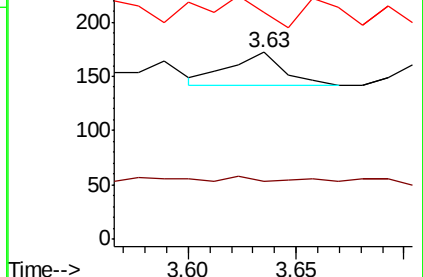
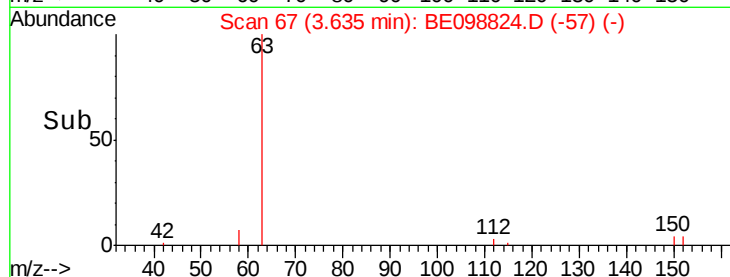
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.63

Time-->



#4

2-Fluorophenol

Concen: 0.234 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

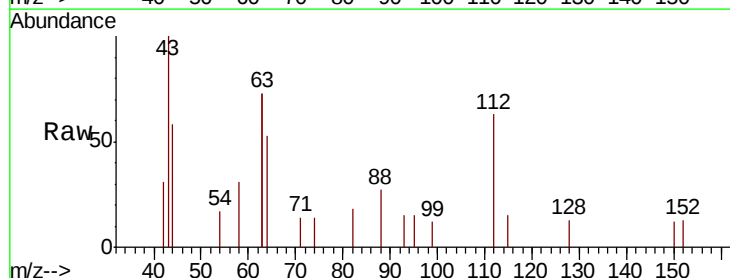
Tgt Ion: 112 Resp: 606

Ion Ratio Lower Upper

112 100

64 82.5 57.9 86.9

63 189.8 158.3 237.5



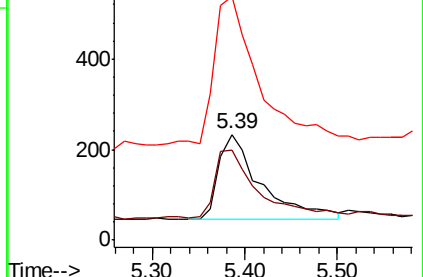
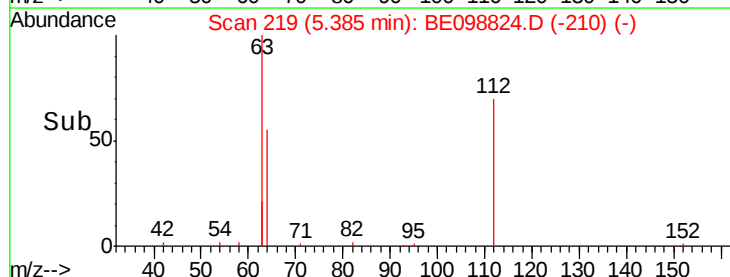
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.39

Time-->





#5

Phenol-d6

Concen: 0.138 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

Instrument :

BNA_E

ClientSampleId :

M2-T5-UV(POSTHYPO)

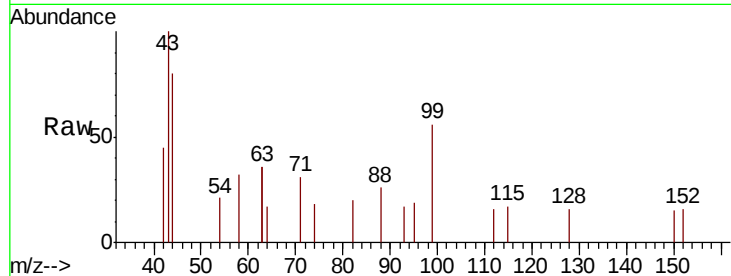
Tgt Ion: 99 Resp: 504

Ion Ratio Lower Upper

99 100

42 37.9 24.2 36.2#

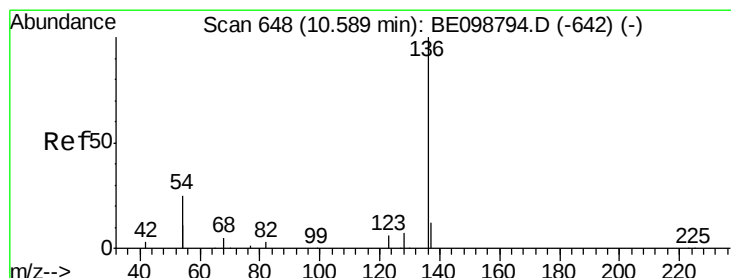
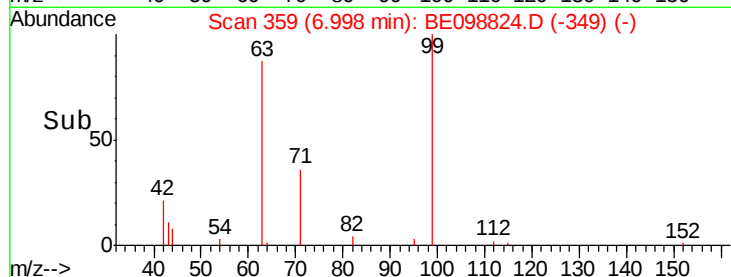
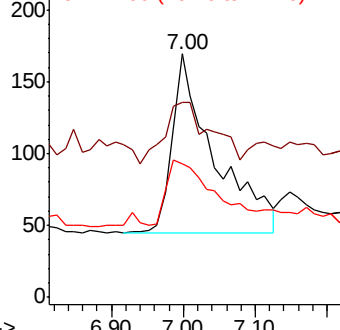
71 41.7 35.7 53.5



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

Tgt Ion: 136 Resp: 3383

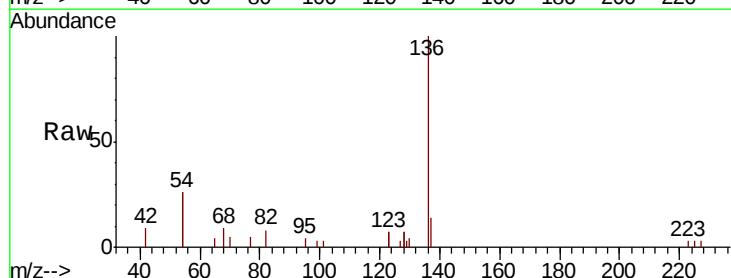
Ion Ratio Lower Upper

136 100

137 14.1 11.4 17.0

54 52.0 39.3 58.9

68 8.6 6.7 10.1

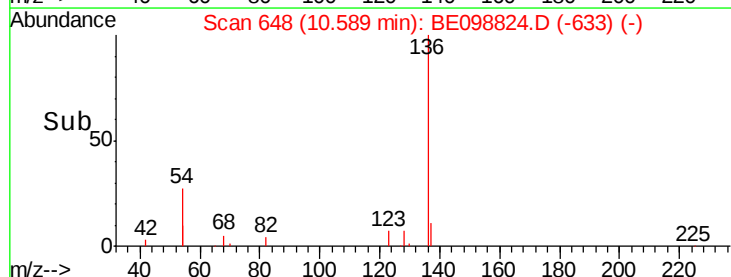
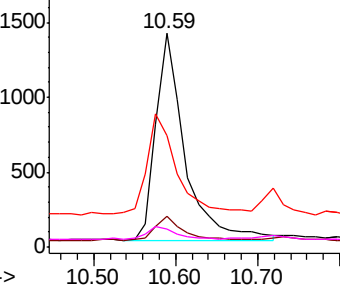


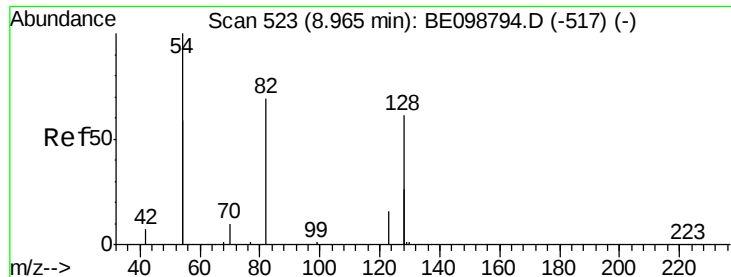
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

Instrument :

BNA_E

ClientSampleId :

M2-T5-UV(POSTHYPO)

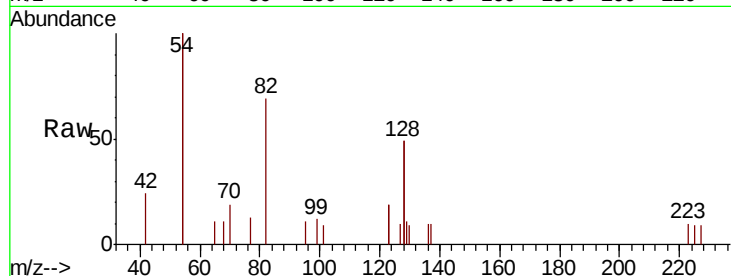
Tgt Ion: 82 Resp: 1329

Ion Ratio Lower Upper

82 100

128 140.5 123.8 185.8

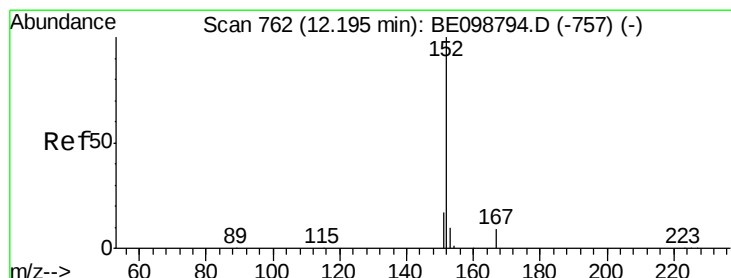
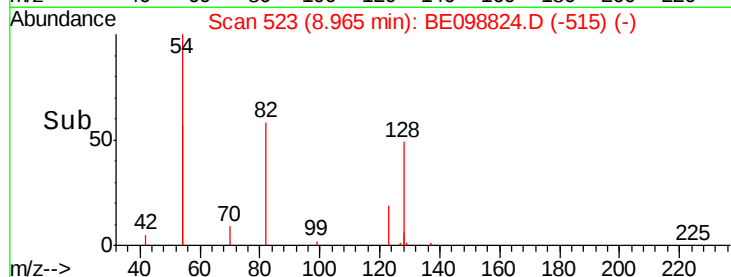
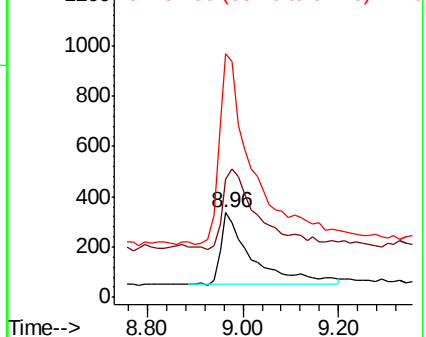
54 288.1 203.4 305.2



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: 0.433 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098824.D

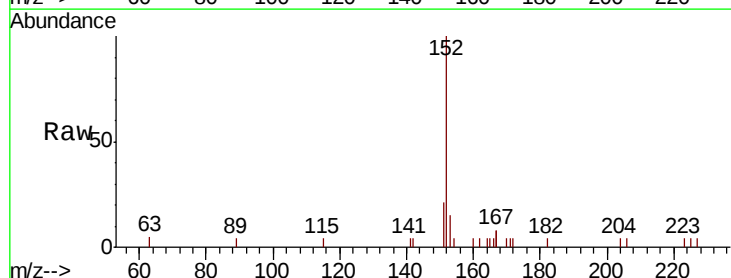
Acq: 7 Mar 2019 17:28

Tgt Ion: 152 Resp: 2706

Ion Ratio Lower Upper

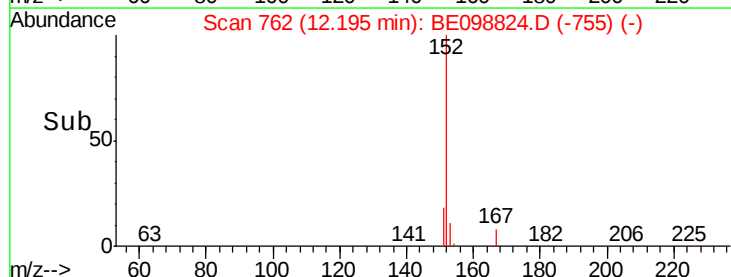
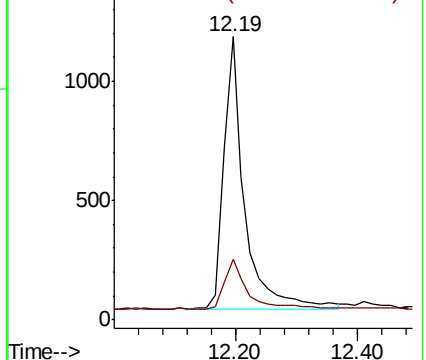
152 100

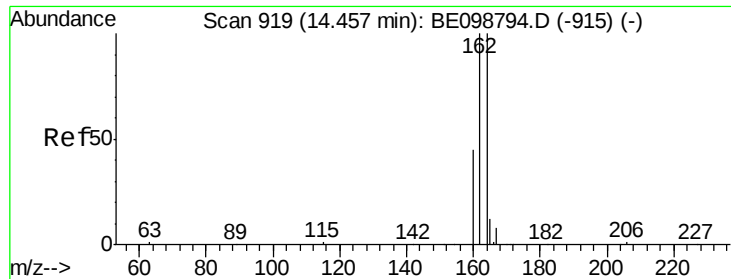
151 20.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

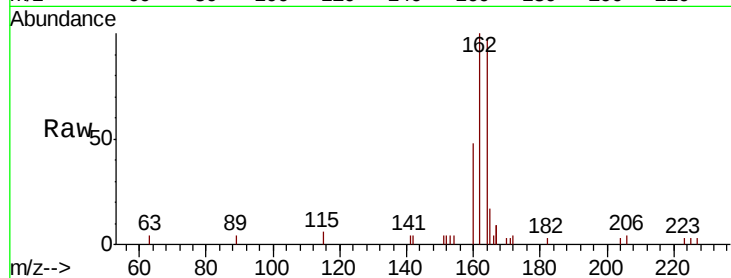




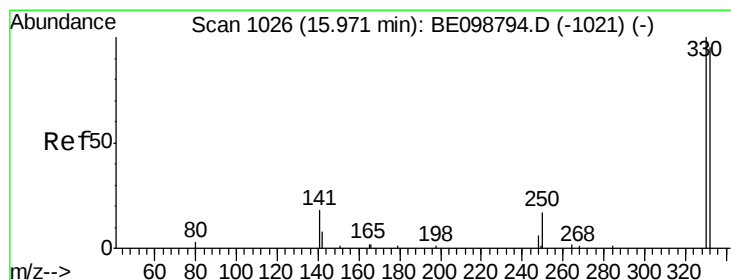
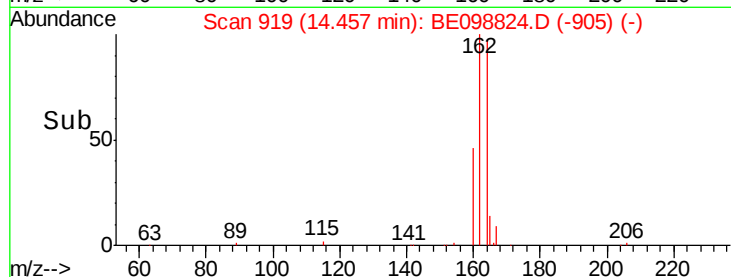
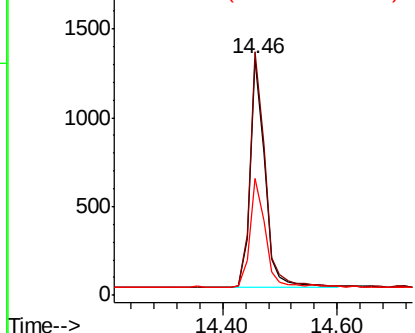
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098824.D
Acq: 7 Mar 2019 17:28

Instrument :
BNA_E
ClientSampleId :
M2-T5-UV(POSTHYPO)

Tgt Ion:164 Resp: 2276
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 49.3 37.8 56.8

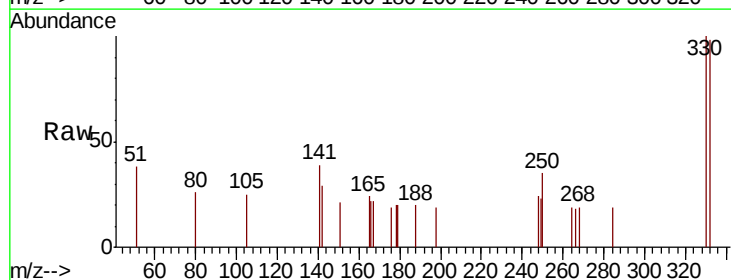


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

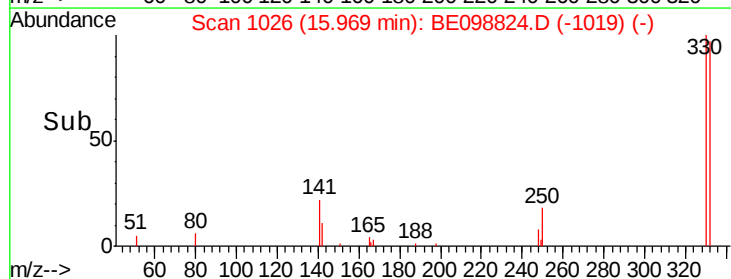
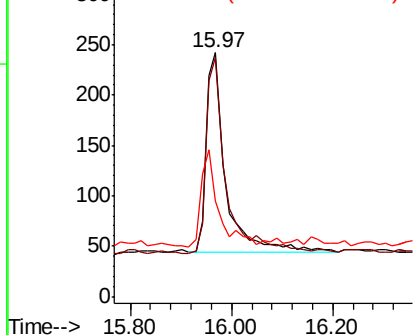


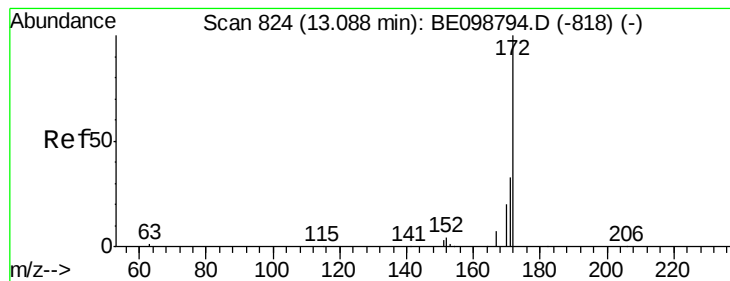
#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098824.D
Acq: 7 Mar 2019 17:28

Tgt Ion:330 Resp: 526
Ion Ratio Lower Upper
330 100
332 100.2 77.6 116.4
141 45.2 31.0 46.4



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

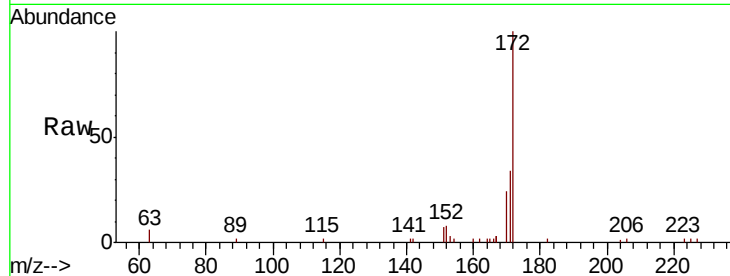




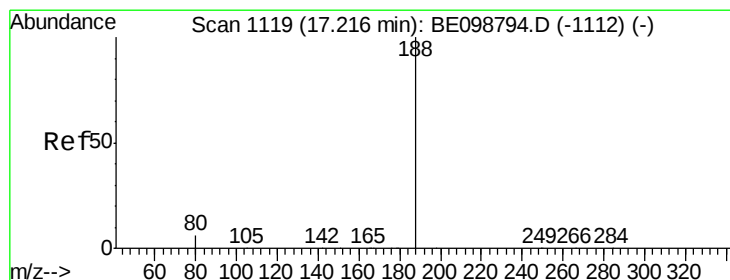
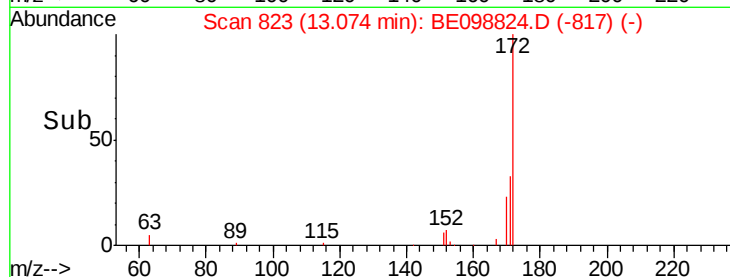
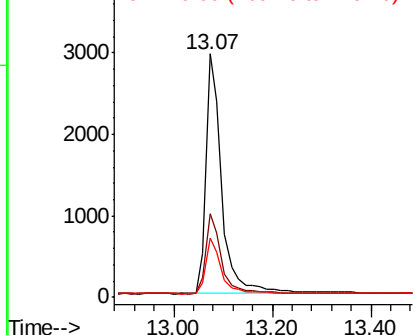
#15
2-Fluorobiphenyl
Concen: 0.704 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098824.D
Acq: 7 Mar 2019 17:28

Instrument :
BNA_E
ClientSampleId :
M2-T5-UV(POSTHYPO)

Tgt Ion:172 Resp: 6634
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 24.5 17.7 26.5

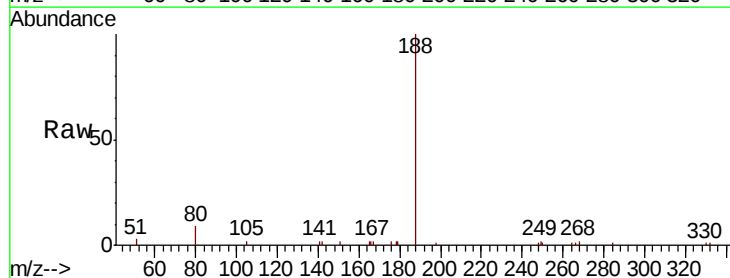


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

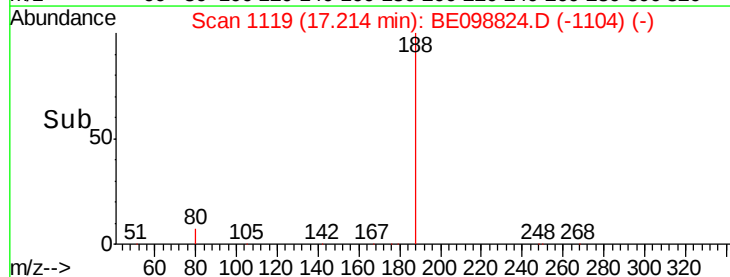
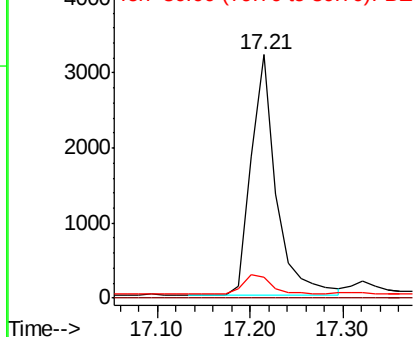


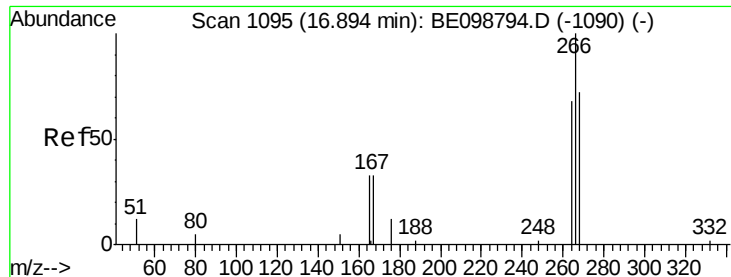
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098824.D
Acq: 7 Mar 2019 17:28

Tgt Ion:188 Resp: 5993
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 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: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

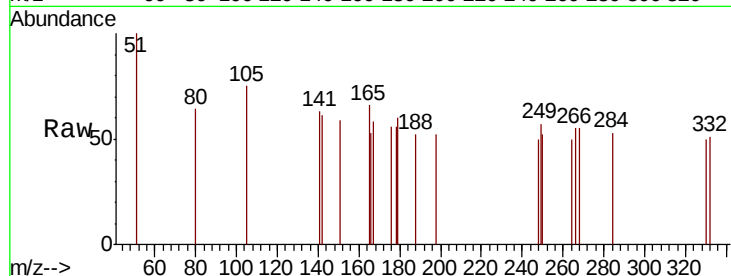
Instrument :

BNA_E

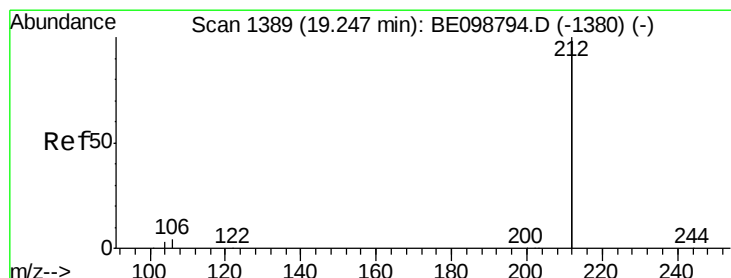
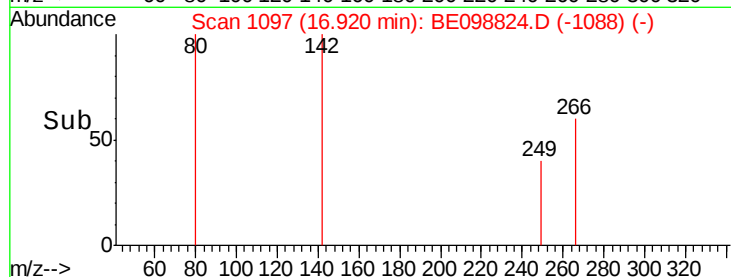
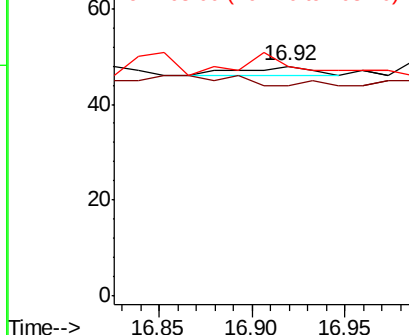
ClientSampleId :

M2-T5-UV(POSTHYPO)

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	91.7	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: 0.426 ng

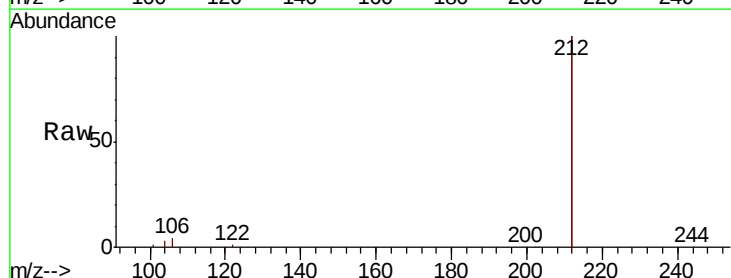
RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

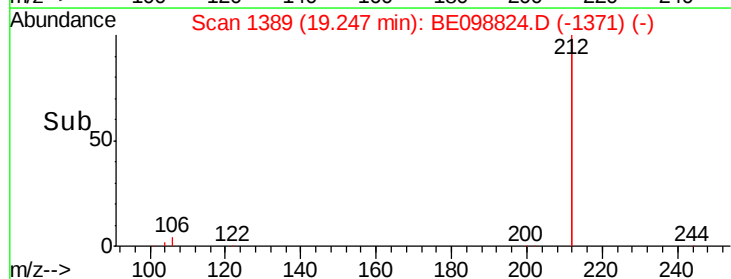
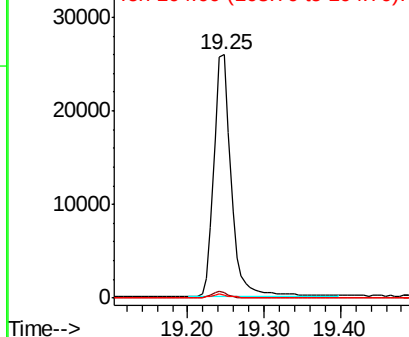
Lab File: BE098824.D

Acq: 7 Mar 2019 17:28

Tgt Ion:	212	Resp:	40730
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.5	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

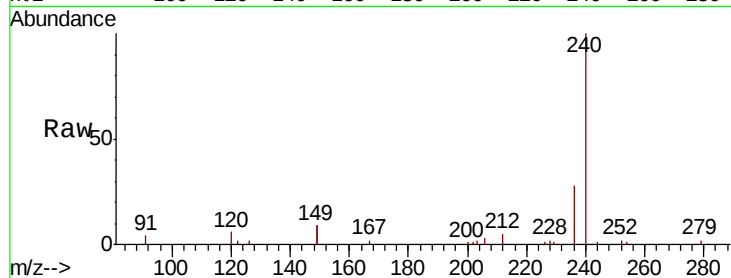




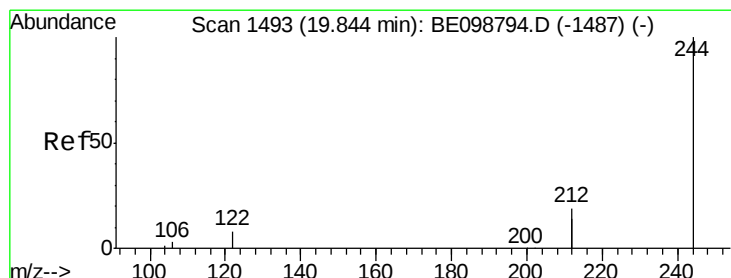
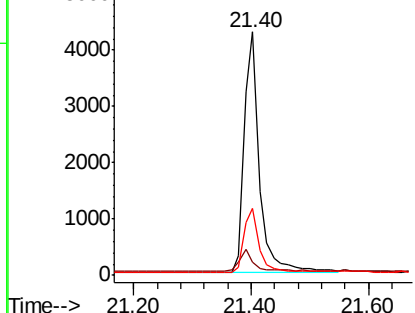
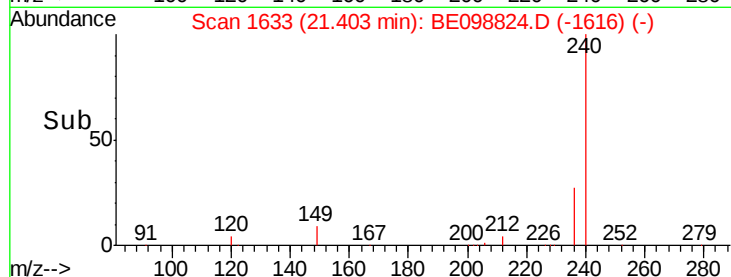
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098824.D
 Acq: 7 Mar 2019 17:28

Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-UV(POSTHYPO)

Tgt Ion:240 Resp: 7755
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.0 7.4
 236 27.7 22.7 34.1

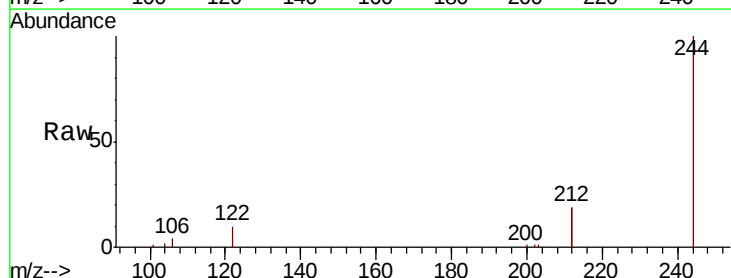


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

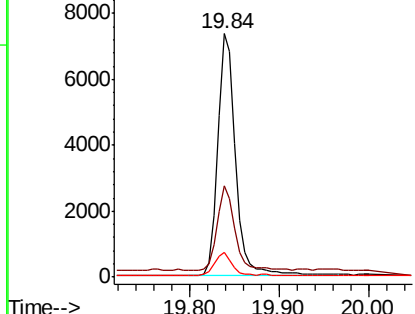
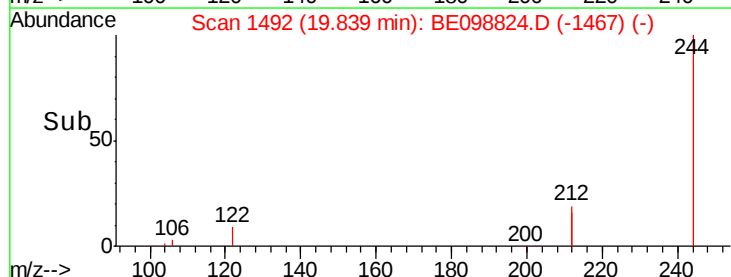


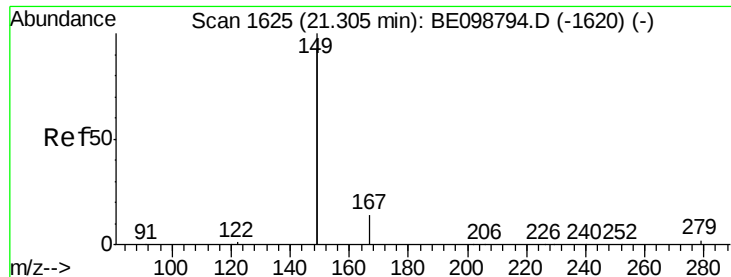
#29
 Terphenyl-d14
 Concen: 0.539 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098824.D
 Acq: 7 Mar 2019 17:28

Tgt Ion:244 Resp: 10166
 Ion Ratio Lower Upper
 244 100
 212 37.4 29.4 44.2
 122 10.1 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

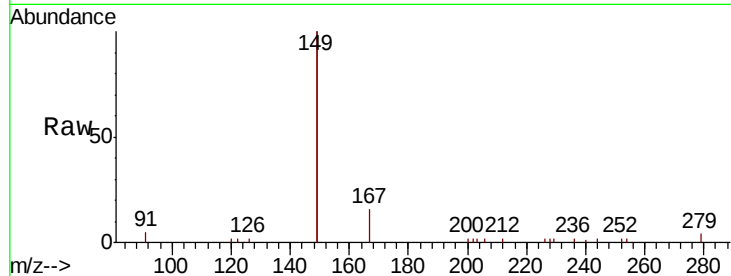




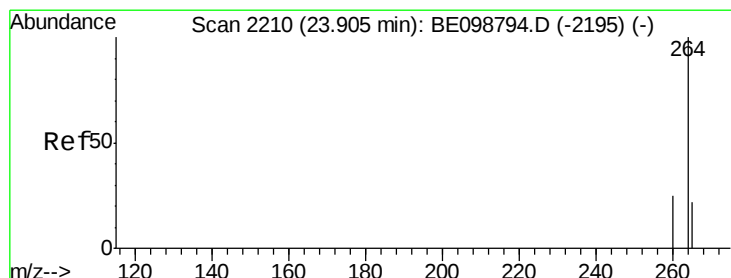
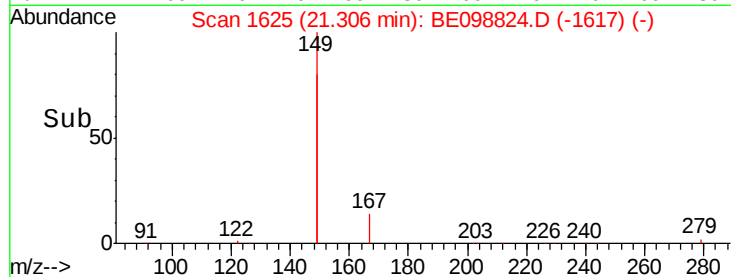
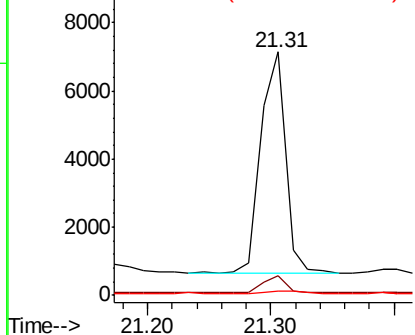
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.178 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE098824.D
 Acq: 7 Mar 2019 17:28

Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-UV(POSTHYPO)

Tgt Ion:149 Resp: 9155
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.4 8.0
 279 1.3 1.0 1.4

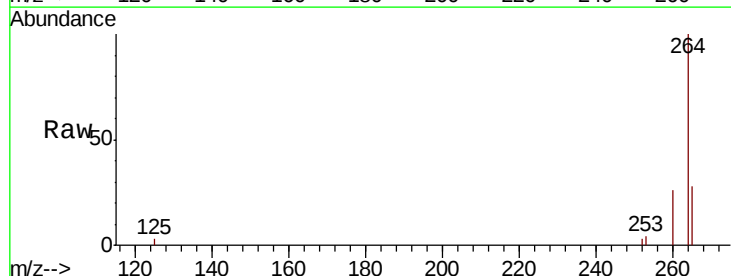


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098824.D
 Acq: 7 Mar 2019 17:28

Tgt Ion:264 Resp: 7503
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 28.4 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

