

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098973.D
 Acq On : 15 Mar 2019 14:54
 Operator : JU/SJ
 Sample : K1900-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 15:28:09 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	7.79	152	838	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3656	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2657	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6599	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7402	0.40	ng	0.00
34) Perylene-d12	23.90	264	6840	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	430	0.17	ng	0.02
5) Phenol-d6	7.01	99	358	0.10	ng	0.02
8) Nitrobenzene-d5	8.99	82	1347	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.20	152	2719	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	439	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4753	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	38715	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	8373	0.47	ng	0.00

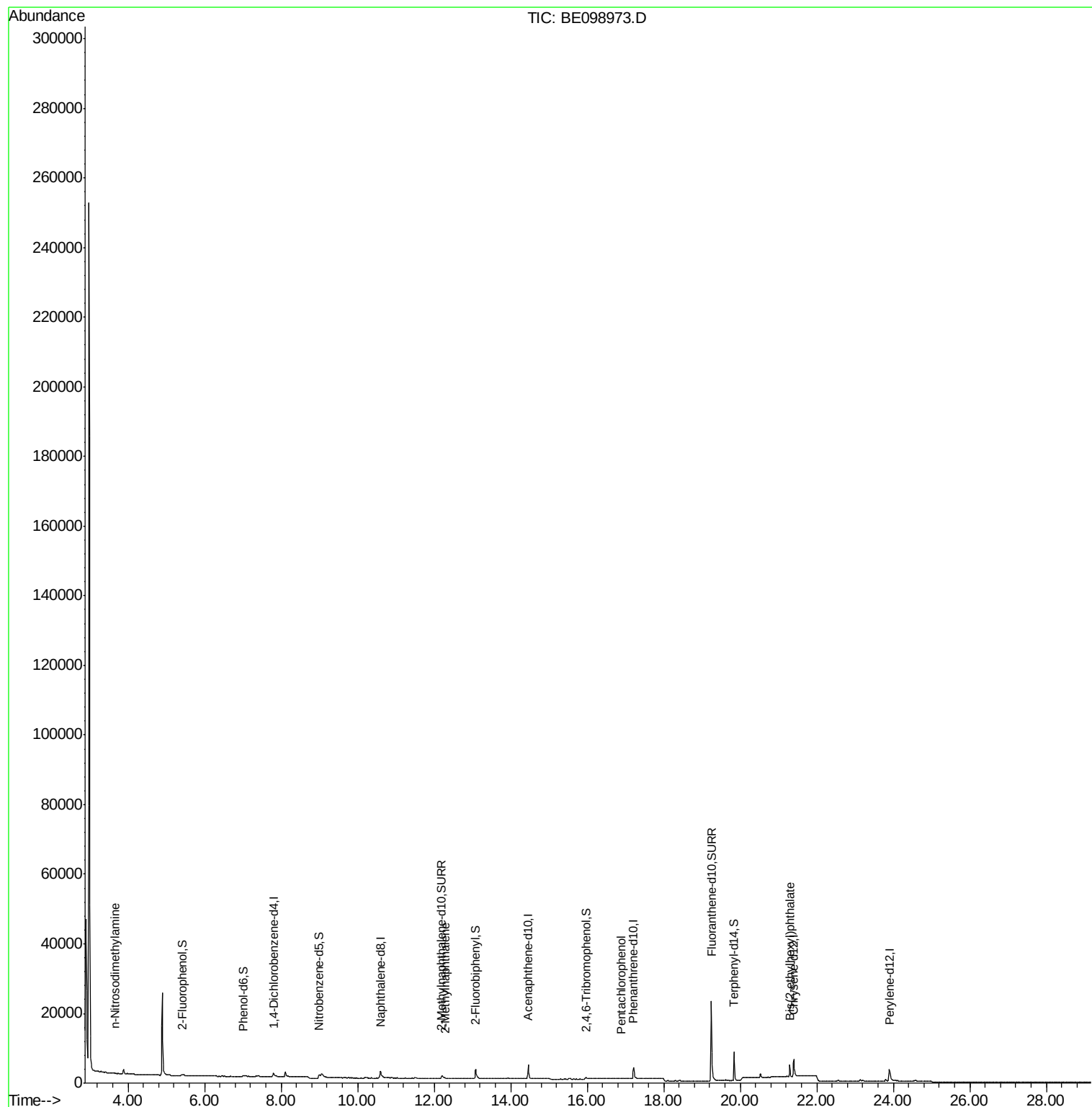
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	129	Below Cal		# 66
3) n-Nitrosodimethylamine	3.65	42	46	0.022	ng	# 14
12) 2-Methylnaphthalene	12.28	142	196	0.029	ng	# 82
22) Pentachlorophenol	16.89	266	12	0.273	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.29	149	3718	0.076	ng	# 95

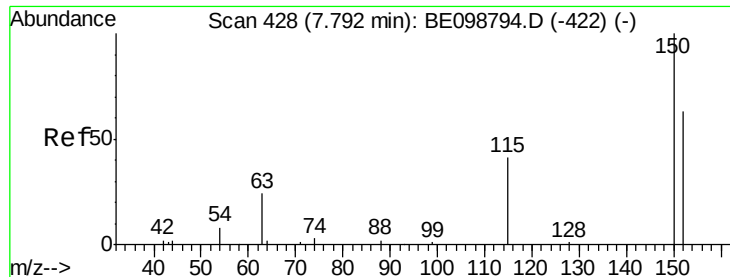
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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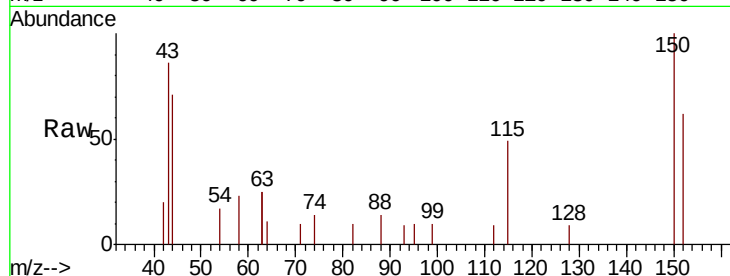


#1

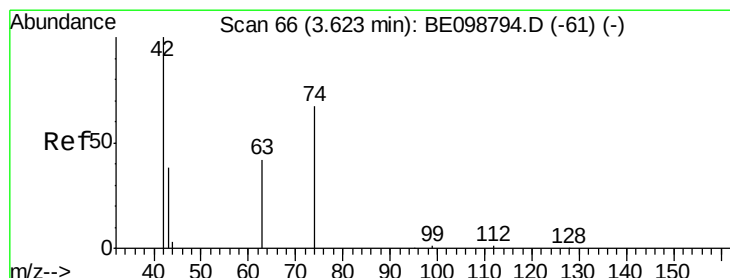
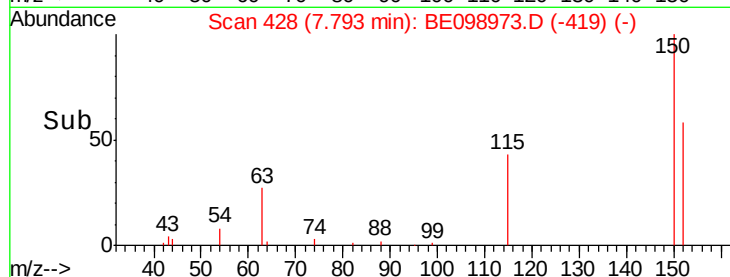
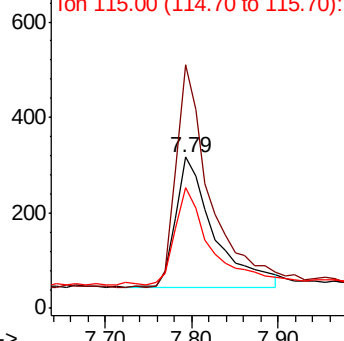
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098973.D
Acq: 15 Mar 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 838
Ion Ratio Lower Upper
152 100
150 160.9 122.5 183.7
115 79.5 57.4 86.2



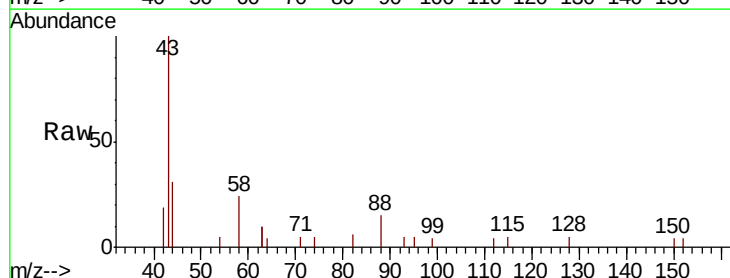
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



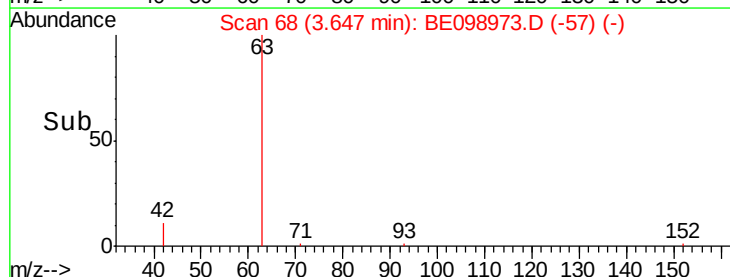
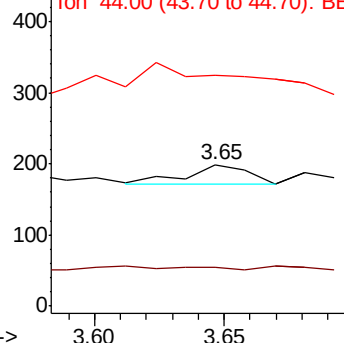
#3

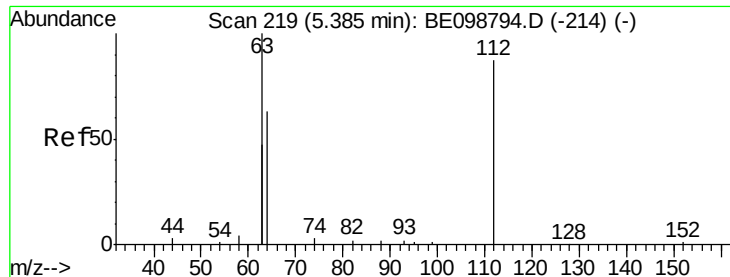
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE098973.D
Acq: 15 Mar 2019 14:54

Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.4#
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: 0.172 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

Instrument :

BNA_E

ClientSampled :

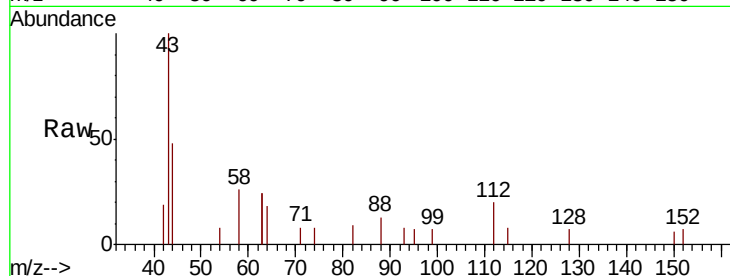
Tot Ion:112 Resp: 430

Ion Ratio Lower Upper

112 100

64 80.9 57.9 86.9

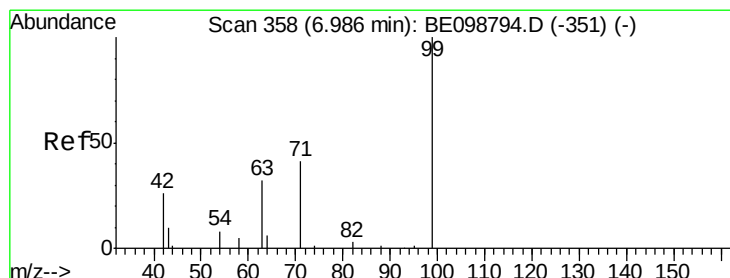
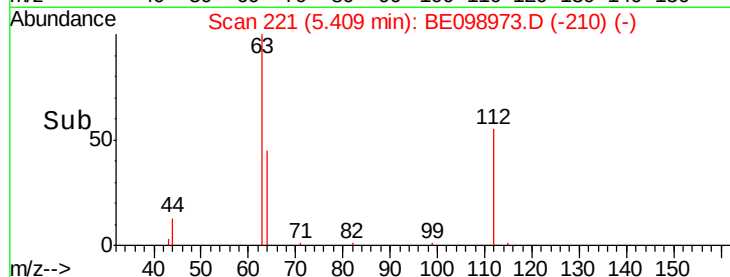
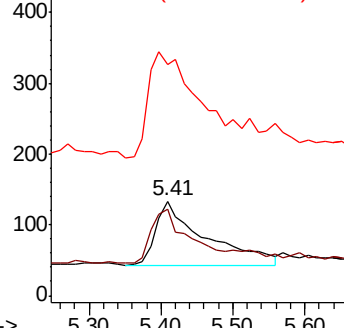
63 203.0 158.3 237.5



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: 0.101 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

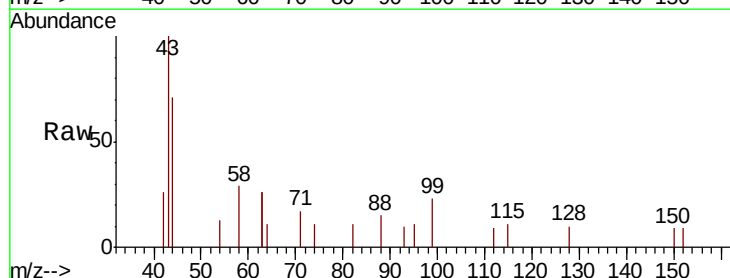
Tgt Ion: 99 Resp: 358

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

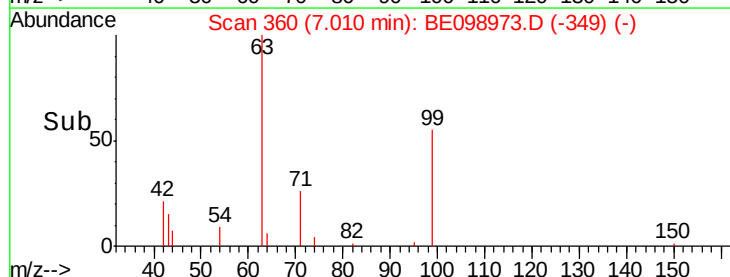
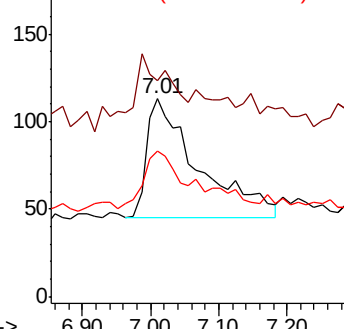
71 47.8 35.7 53.5

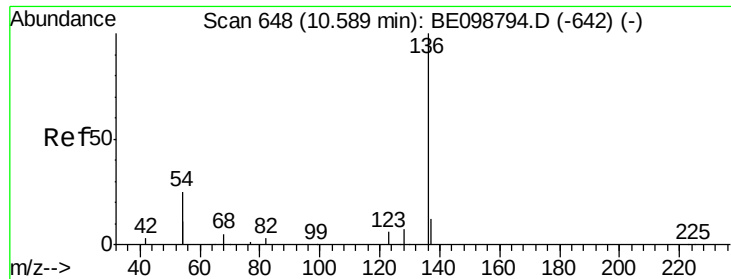


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098973.D

Acq: 15 Mar 2019 14:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3656

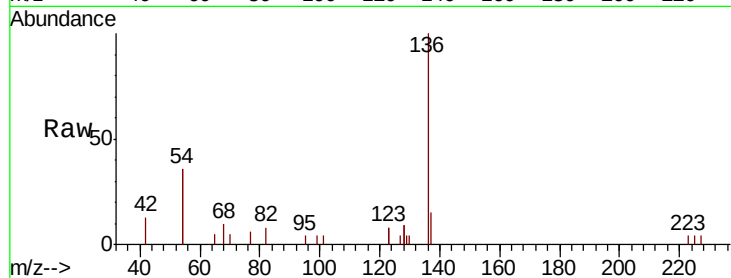
Ion Ratio Lower Upper

136 100

137 14.9 11.4 17.0

54 71.8 39.3 58.9#

68 10.4 6.7 10.1#

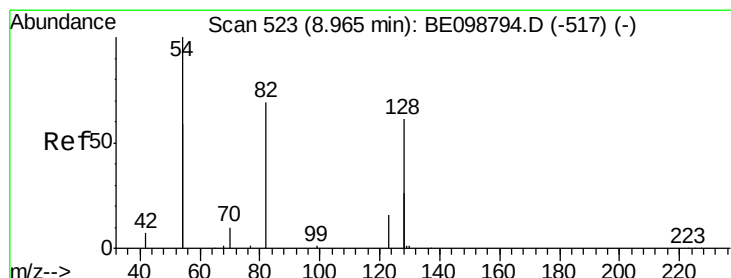
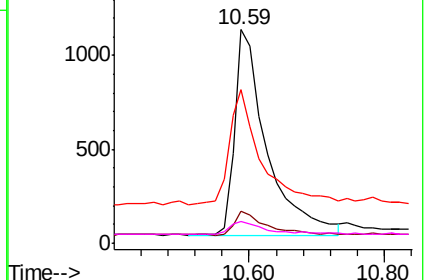
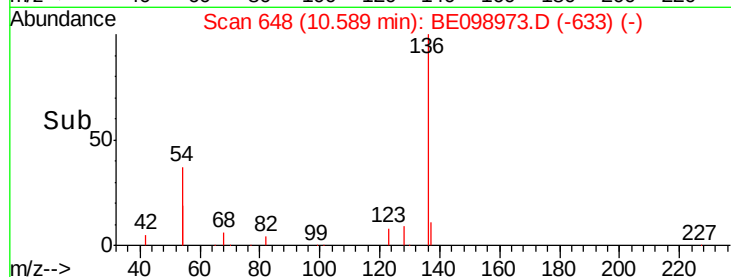


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

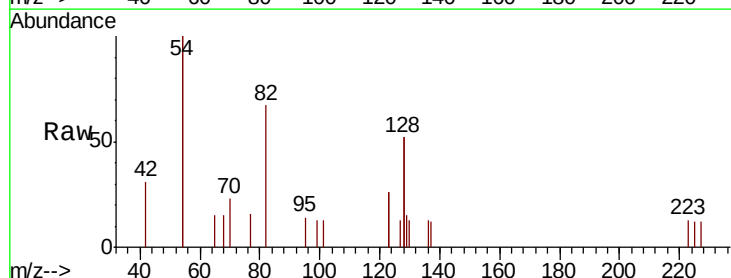
Tgt Ion: 82 Resp: 1347

Ion Ratio Lower Upper

82 100

128 155.6 123.8 185.8

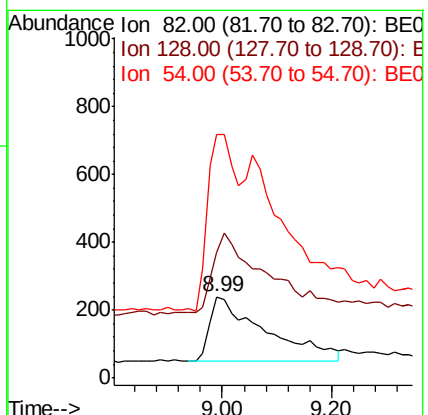
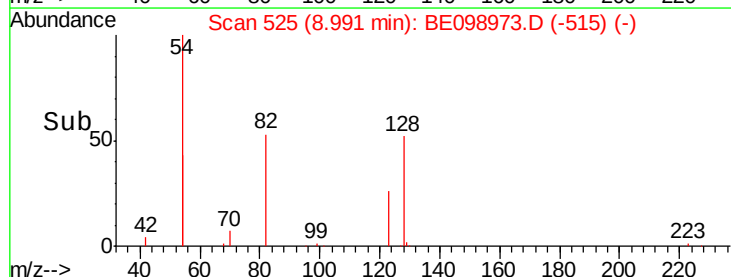
54 300.4 203.4 305.2

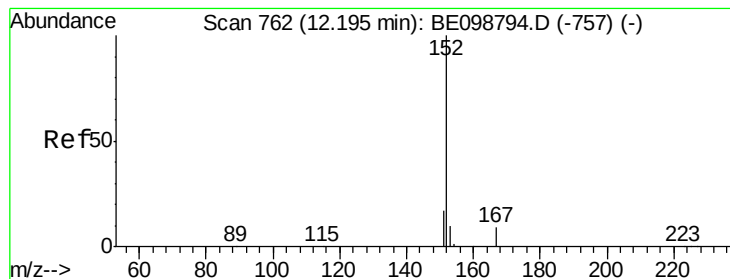


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

Instrument :

BNA_E

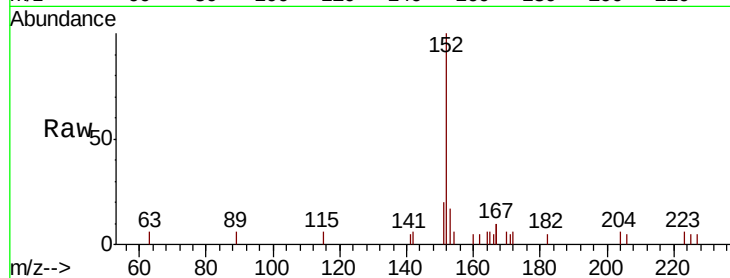
ClientSampleId :

Tot Ion:152 Resp: 2719

Ion Ratio Lower Upper

152 100

151 17.9 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.20

800

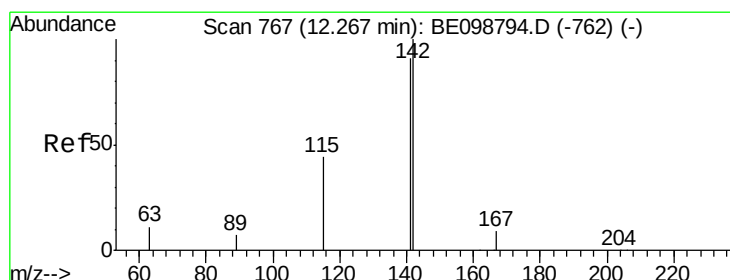
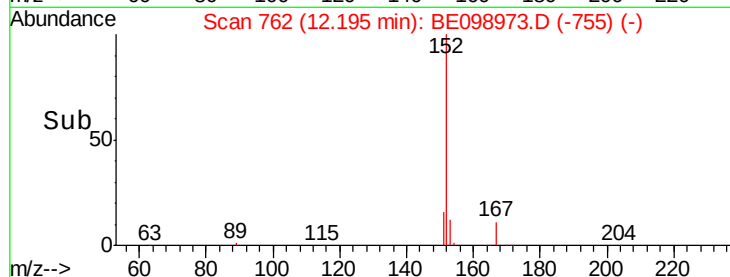
600

400

200

0

Time--> 12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

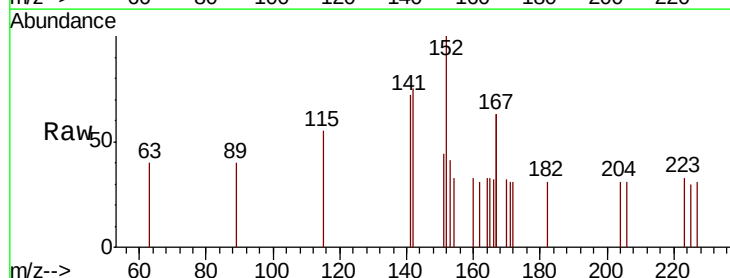
Tgt Ion:142 Resp: 196

Ion Ratio Lower Upper

142 100

141 96.3 72.6 108.8

115 73.8 37.4 56.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

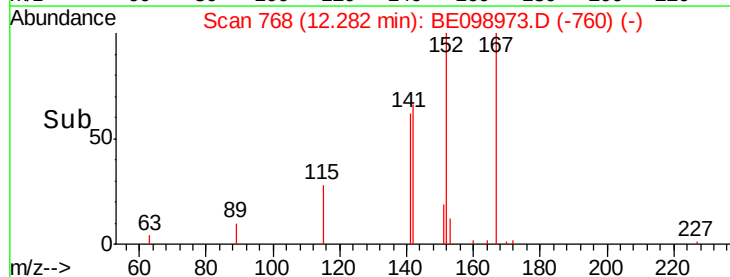
12.28

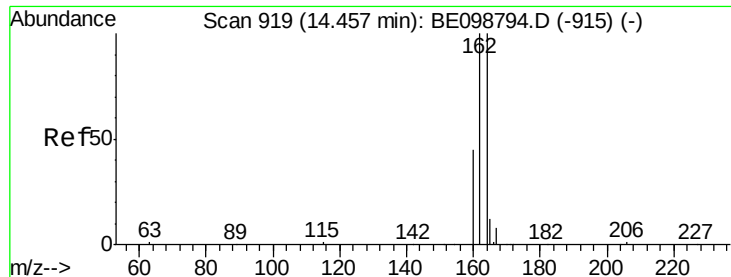
100

50

0

Time--> 12.20 12.30

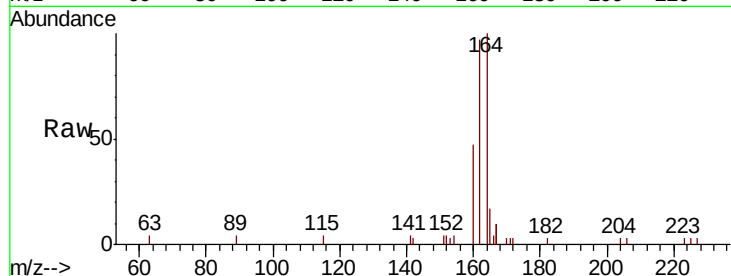




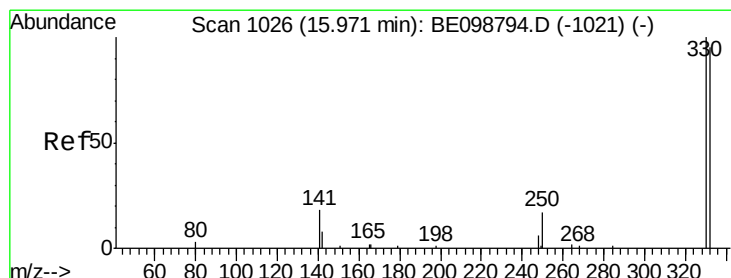
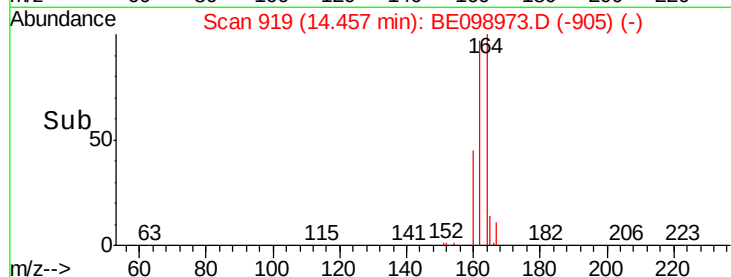
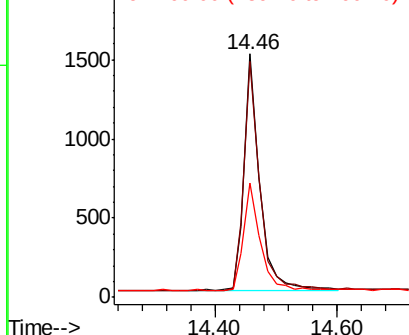
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098973.D
 Acq: 15 Mar 2019 14:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2657
 Ion Ratio Lower Upper
 164 100
 162 97.0 80.2 120.2
 160 47.0 37.8 56.8

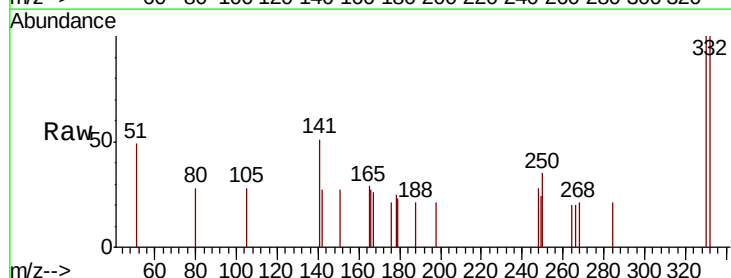


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

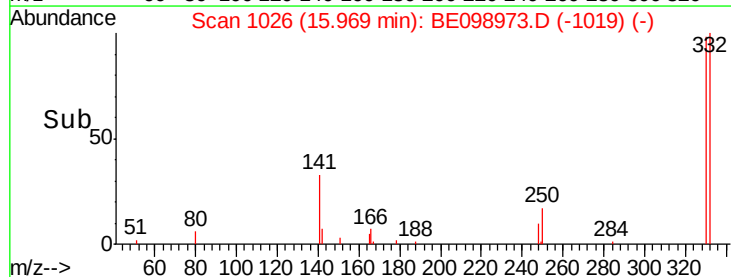
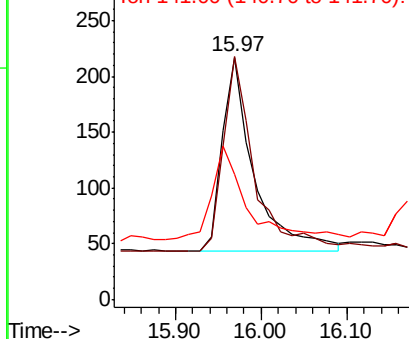


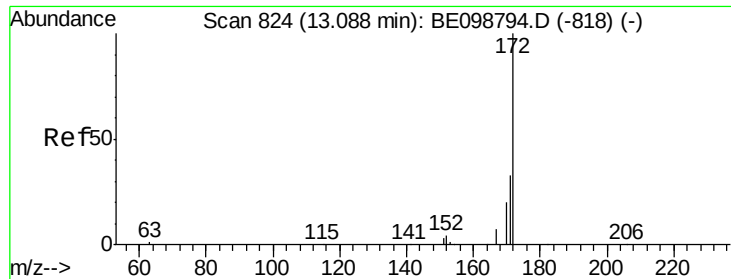
#14
 2,4,6-Tribromophenol
 Concen: 0.327 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098973.D
 Acq: 15 Mar 2019 14:54

Tgt Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.6 116.4
 141 51.0 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

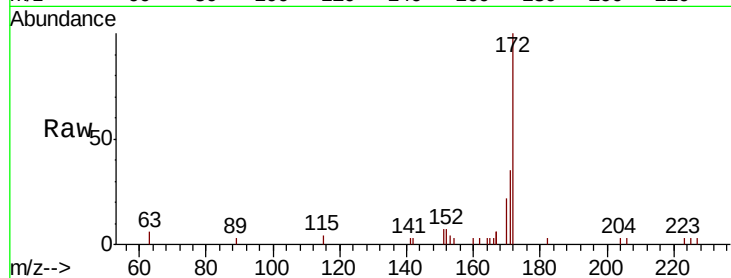




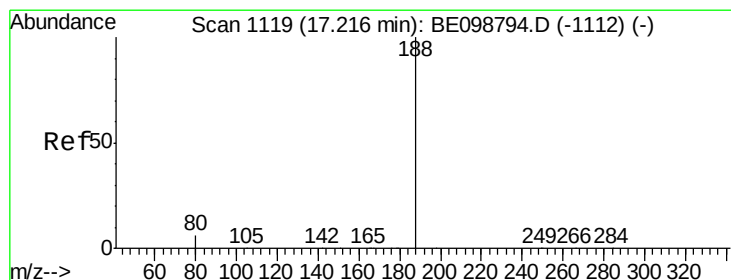
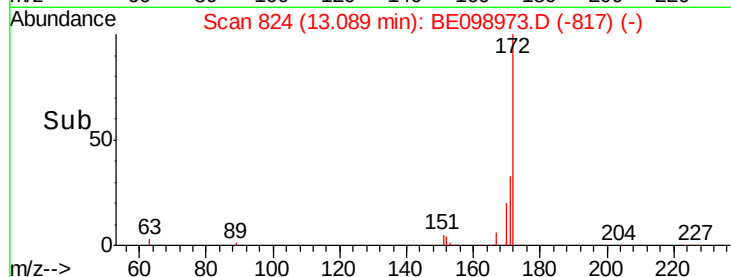
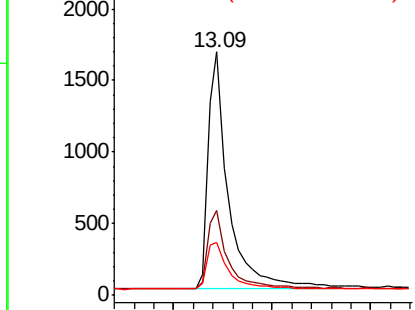
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098973.D
Acq: 15 Mar 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4753
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 21.9 17.7 26.5

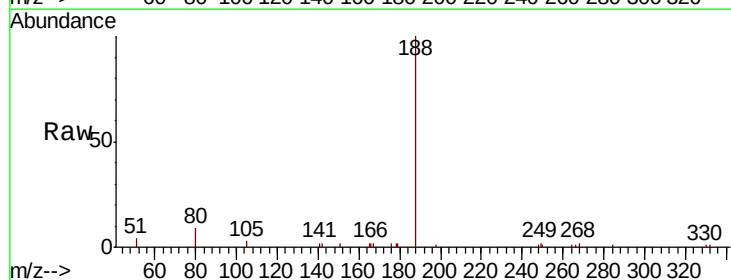


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

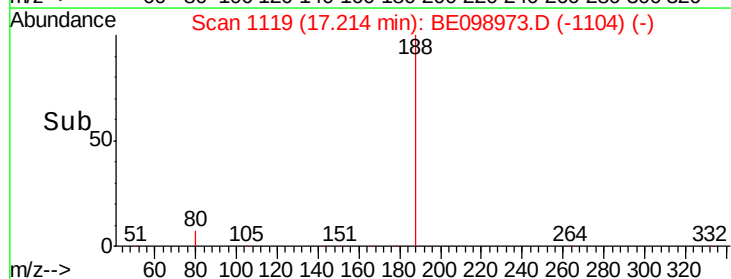
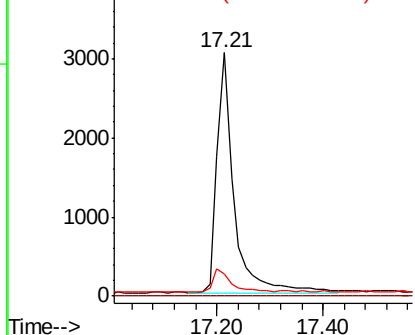


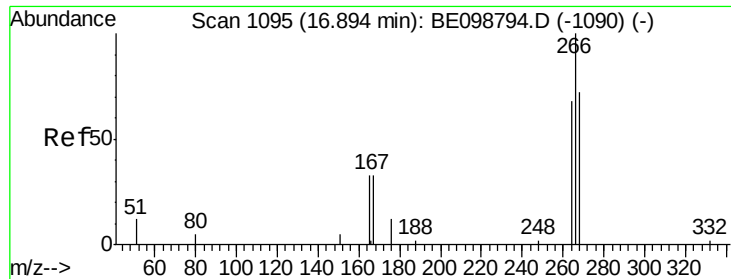
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098973.D
Acq: 15 Mar 2019 14:54

Tgt Ion:188 Resp: 6599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 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

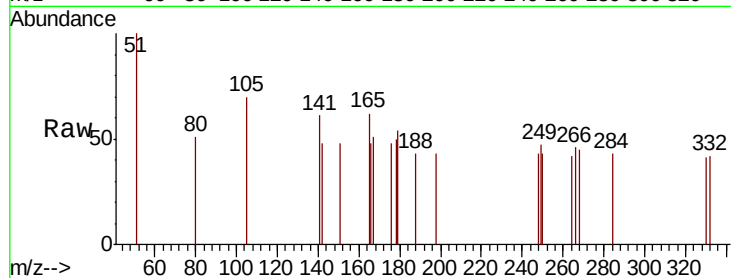




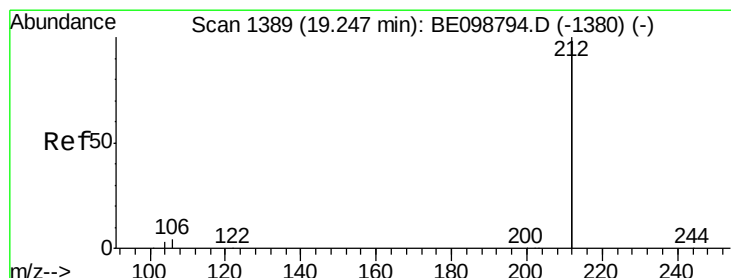
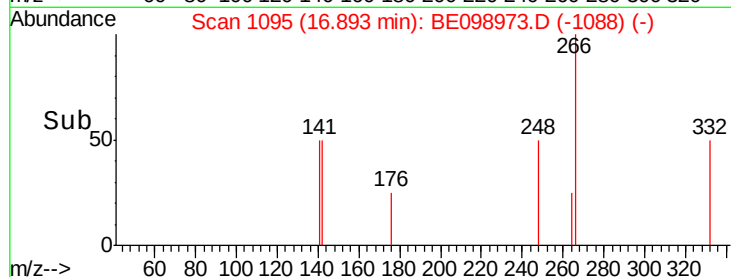
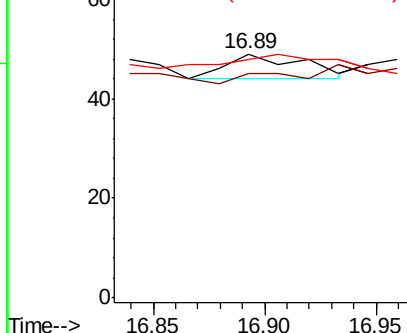
#22
 Pentachlorophenol
 Concen: 0.273 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BE098973.D
 Acq: 15 Mar 2019 14:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 91.8 66.6 100.0
 268 98.0 69.8 104.8

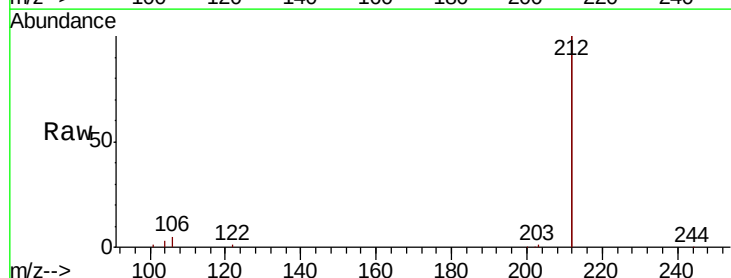


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

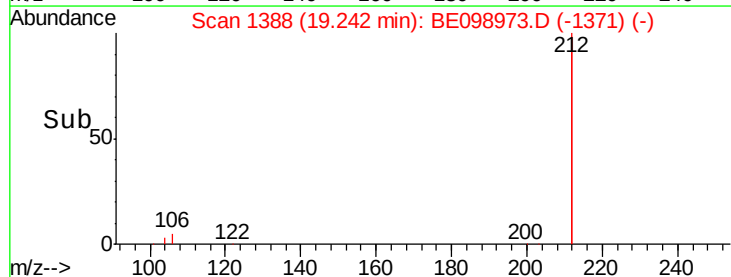
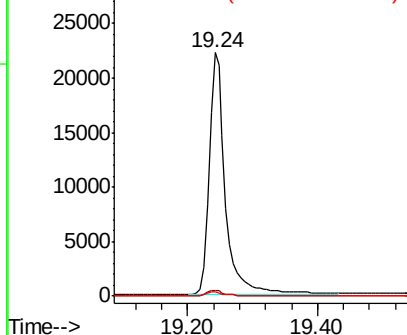


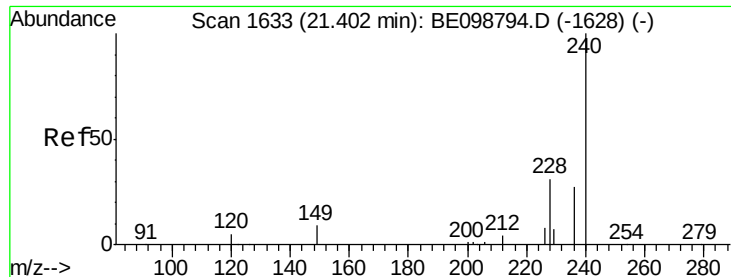
#25
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098973.D
 Acq: 15 Mar 2019 14:54

Tgt Ion:212 Resp: 38715
 Ion Ratio Lower Upper
 212 100
 106 2.3 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

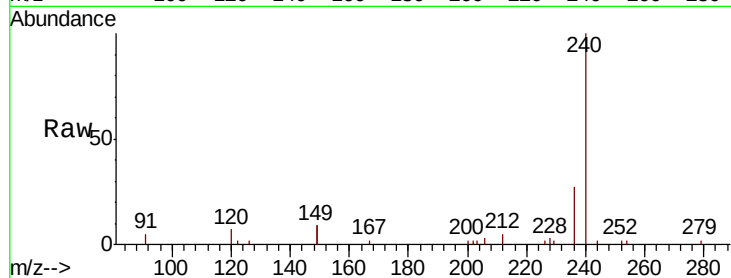




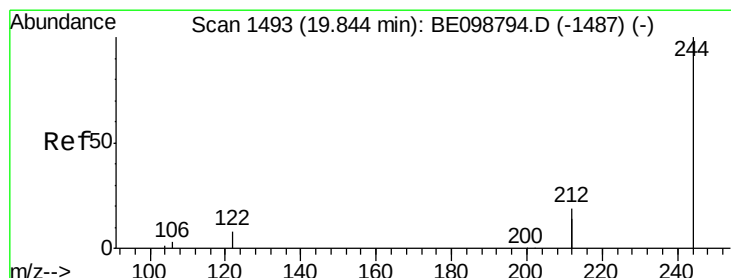
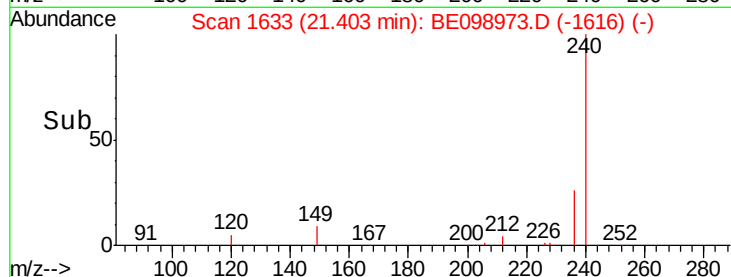
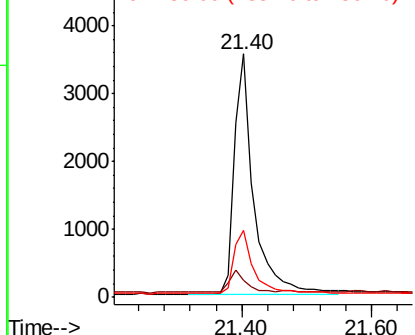
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098973.D
 Acq: 15 Mar 2019 14:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 7402
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.0 7.4
 236 27.4 22.7 34.1

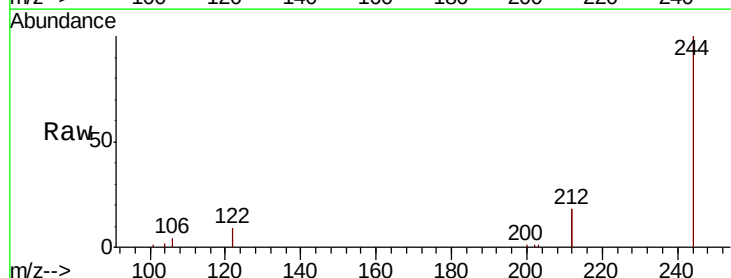


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

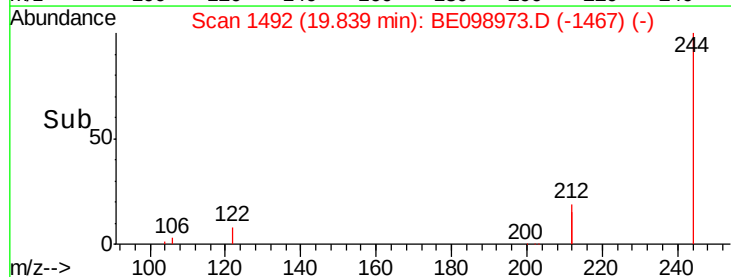
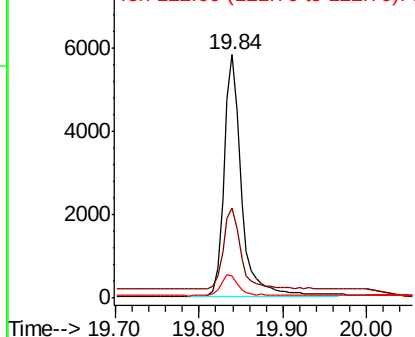


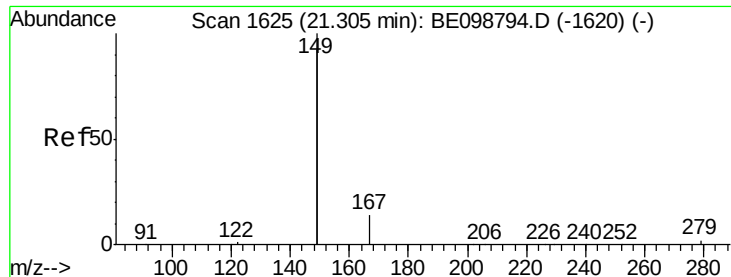
#29
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098973.D
 Acq: 15 Mar 2019 14:54

Tgt Ion:244 Resp: 8373
 Ion Ratio Lower Upper
 244 100
 212 37.0 29.4 44.2
 122 9.1 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: 0.076 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

Instrument :

BNA_E

ClientSampleId :

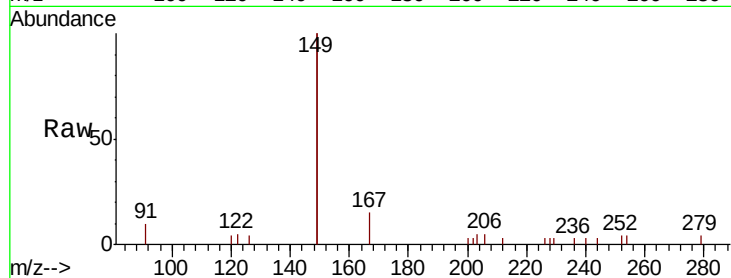
Tot Ion:149 Resp: 3718

Ion Ratio Lower Upper

149 100

167 8.5 5.4 8.0#

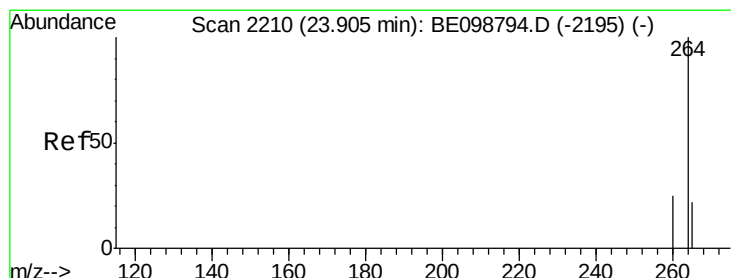
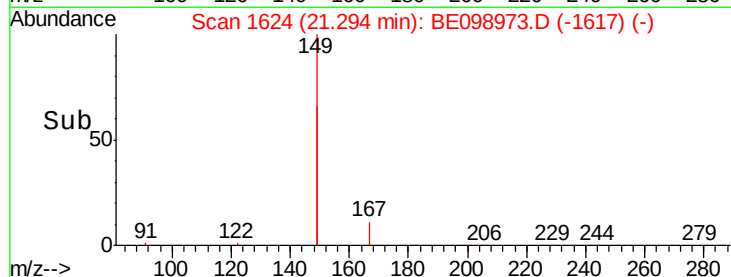
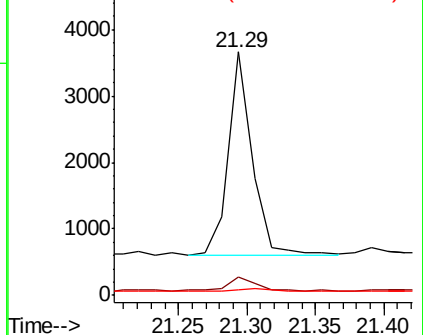
279 1.6 1.0 1.4#



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# 2208

Delta R.T. -0.01 min

Lab File: BE098973.D

Acq: 15 Mar 2019 14:54

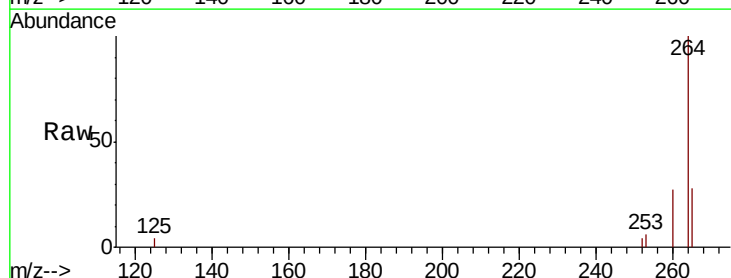
Tgt Ion:264 Resp: 6840

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 27.7 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

