

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098893.D
 Acq On : 12 Mar 2019 12:06
 Operator : JU/SJ
 Sample : K1841-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 12 13:09:58 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	7.80	152	601	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	2699	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1945	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	5034	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5779	0.40	ng	0.00
34) Perylene-d12	23.90	264	5659	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	237	0.13	ng	0.05
5) Phenol-d6	6.98	99	6	0.00	ng	-0.01
8) Nitrobenzene-d5	9.04	82	921	0.33	ng	0.08
11) 2-Methylnaphthalene-d10	12.21	152	1953	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	328	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3303	0.41	ng	0.01
25) Fluoranthene-d10	19.25	212	29136	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7647	0.54	ng	0.00

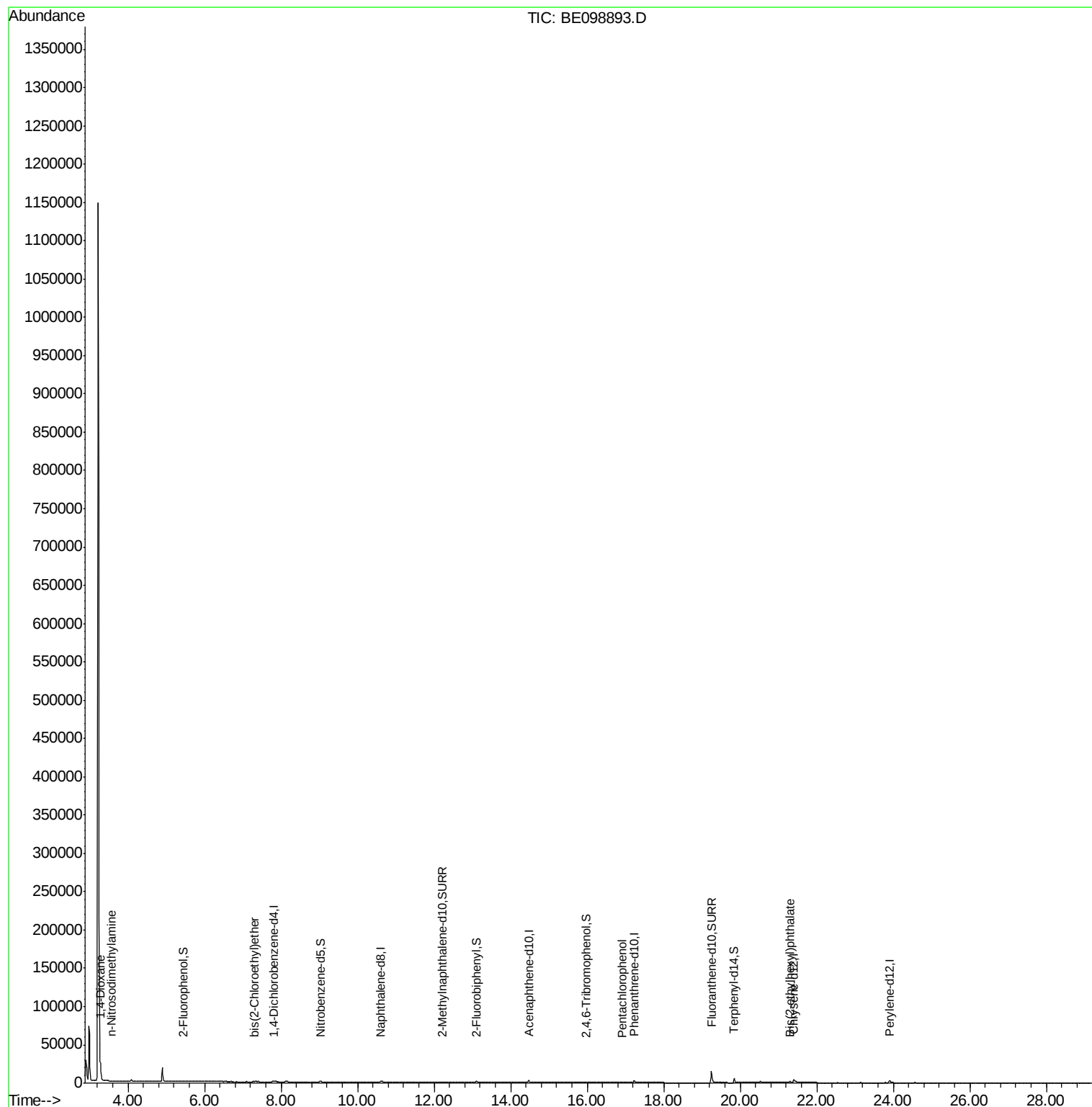
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	8275	8.839	ng	97
3) n-Nitrosodimethylamine	3.57	42	39	0.026	ng	# 14
6) bis(2-Chloroethyl)ether	7.31	93	59	0.030	ng	# 1
22) Pentachlorophenol	16.92	266	14	0.277	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	788	0.021	ng	99

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

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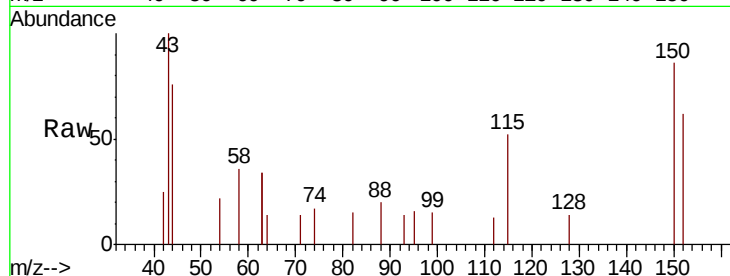


#1

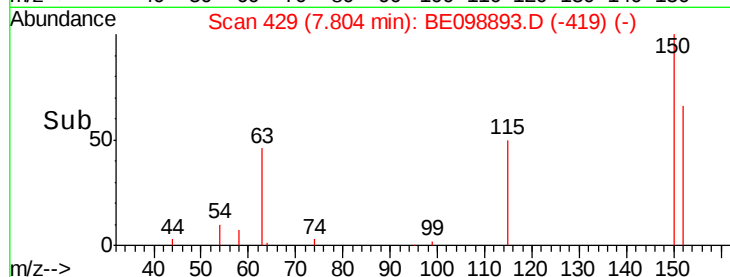
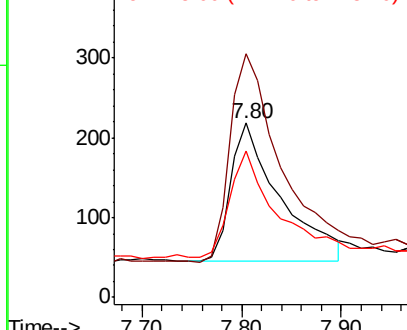
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098893.D
Acq: 12 Mar 2019 12:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 601
Ion Ratio Lower Upper
152 100
150 139.9 122.5 183.7
115 83.9 57.4 86.2



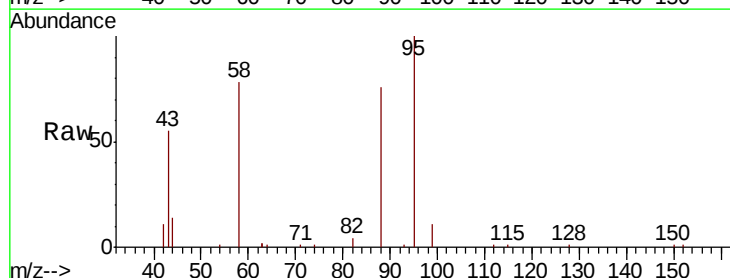
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



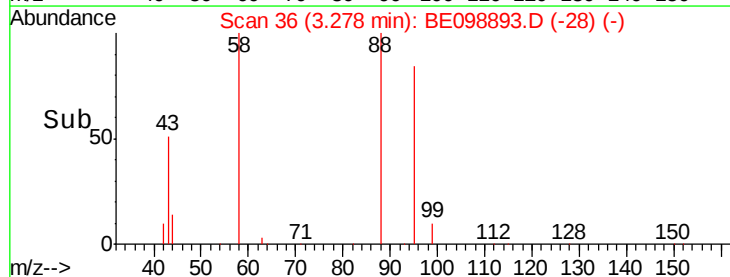
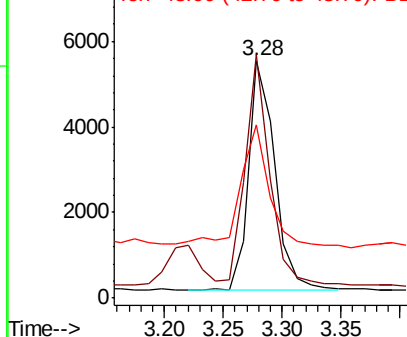
#2

1,4-Dioxane
Concen: 8.839 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098893.D
Acq: 12 Mar 2019 12:06

Tgt Ion: 88 Resp: 8275
Ion Ratio Lower Upper
88 100
58 92.7 75.8 113.6
43 55.5 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



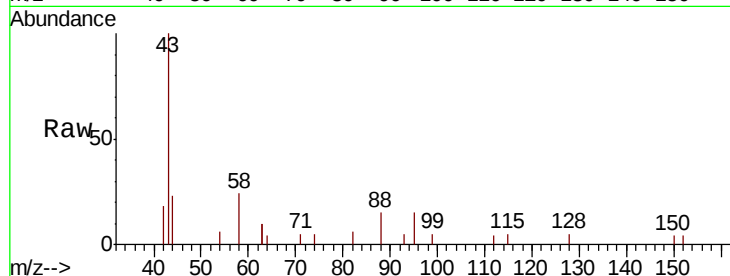


#3

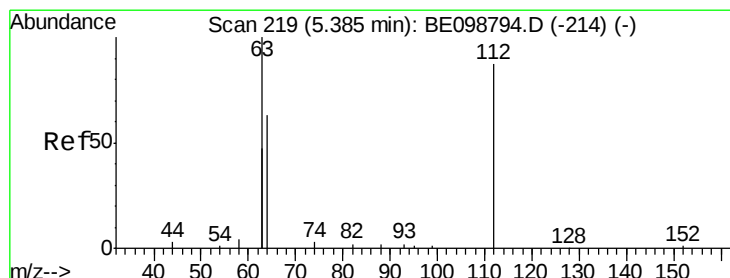
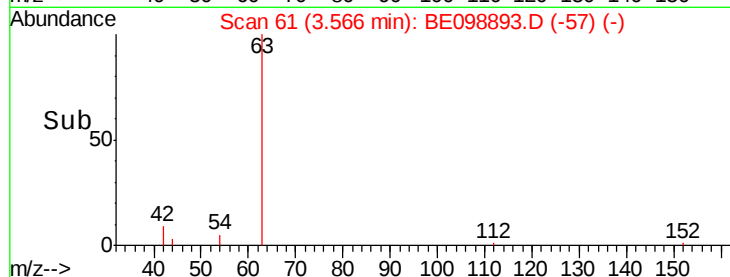
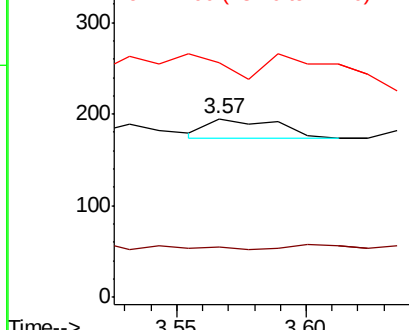
n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.57 min Scan# 61
 Delta R.T. -0.06 min
 Lab File: BE098893.D
 Acq: 12 Mar 2019 12:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0



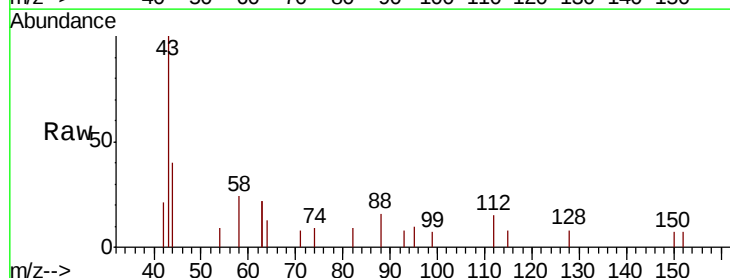
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



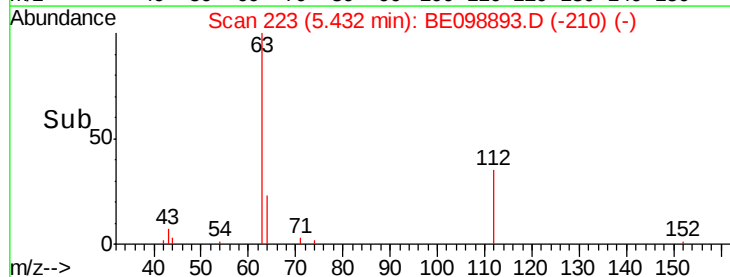
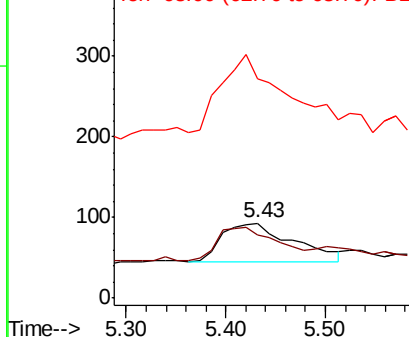
#4

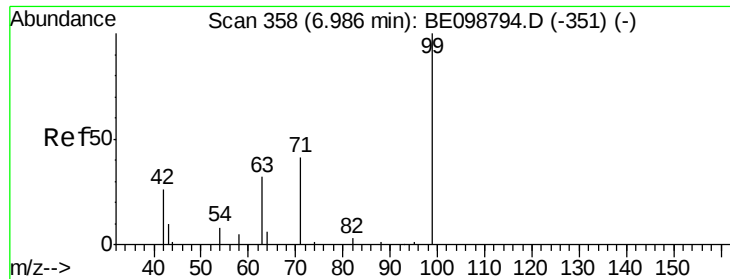
2-Fluorophenol
 Concen: 0.132 ng
 RT: 5.43 min Scan# 223
 Delta R.T. 0.05 min
 Lab File: BE098893.D
 Acq: 12 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	57.9	86.9
63	197.5	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: 0.002 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098893.D

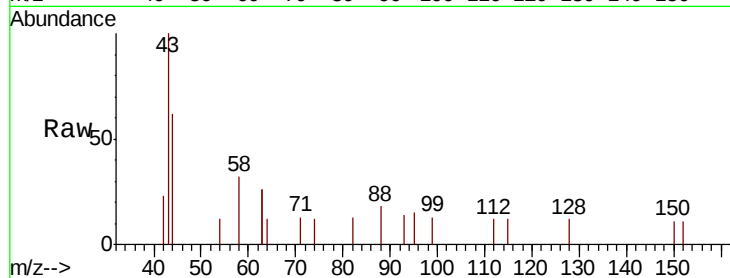
Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

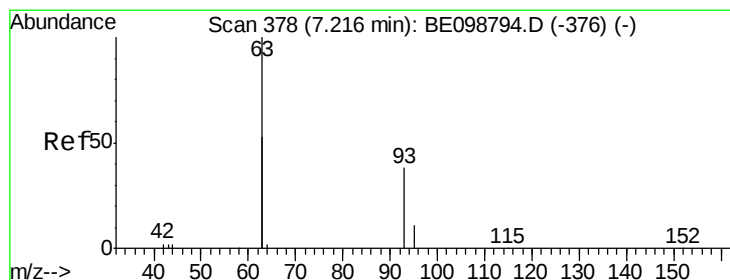
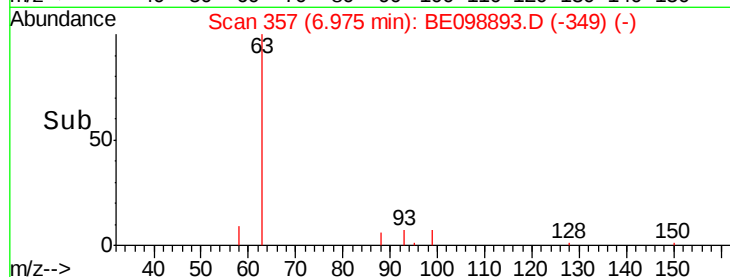
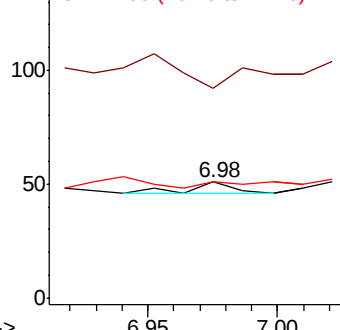
Tot Ion:	99	Resp:	6
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	0.0	35.7	53.5#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.030 ng

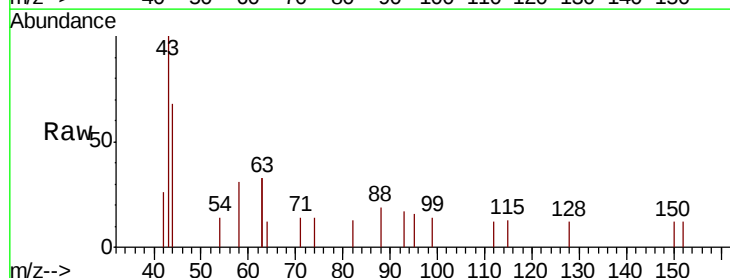
RT: 7.31 min Scan# 386

Delta R.T. 0.09 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

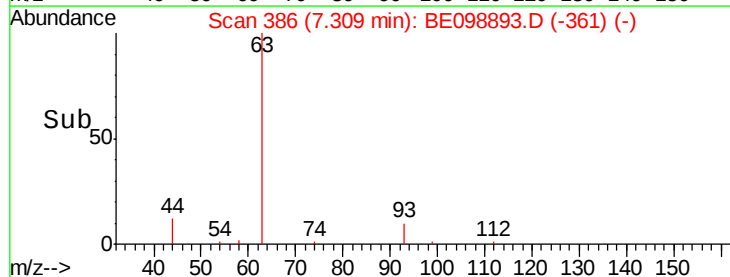
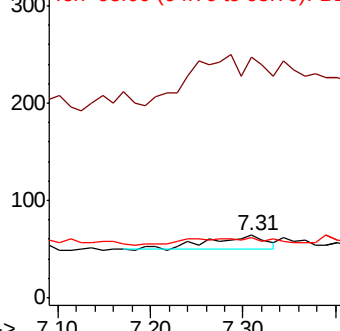
Tgt Ion:	93	Resp:	59
Ion	Ratio	Lower	Upper
93	100		
63	0.0	247.5	371.3#
95	0.0	21.8	32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2699

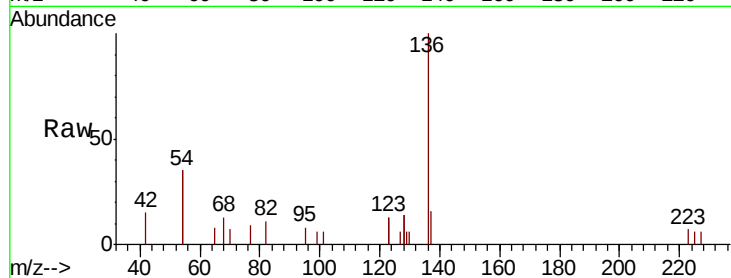
Ion Ratio Lower Upper

136 100

137 15.9 11.4 17.0

54 70.9 39.3 58.9#

68 13.4 6.7 10.1#

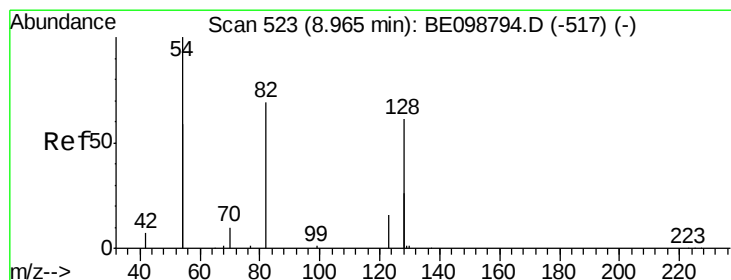
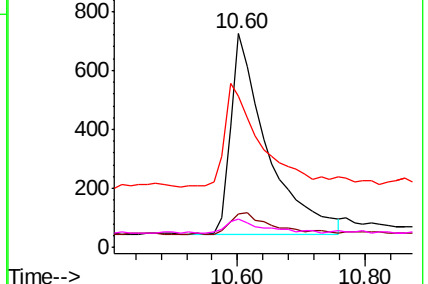
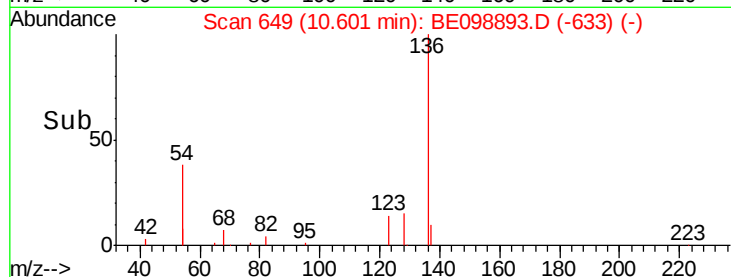


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

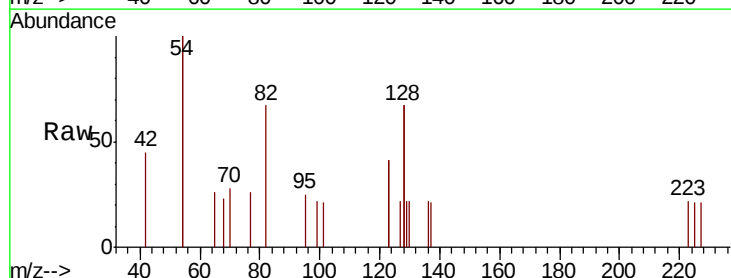
Tgt Ion: 82 Resp: 921

Ion Ratio Lower Upper

82 100

128 201.4 123.8 185.8#

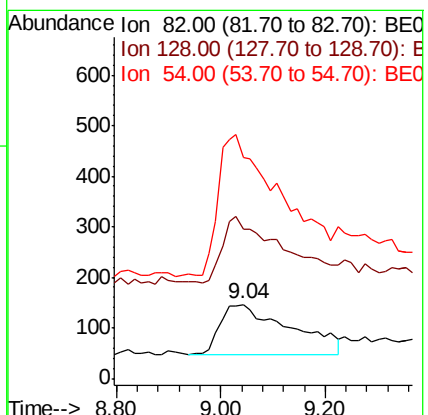
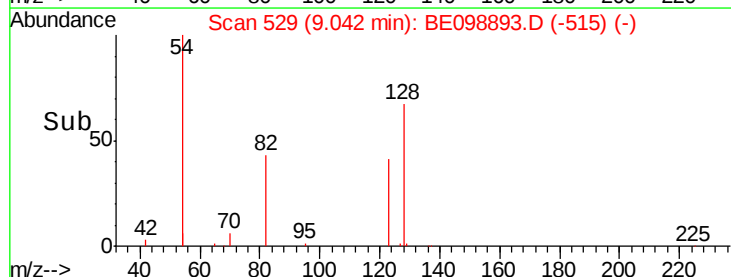
54 298.6 203.4 305.2

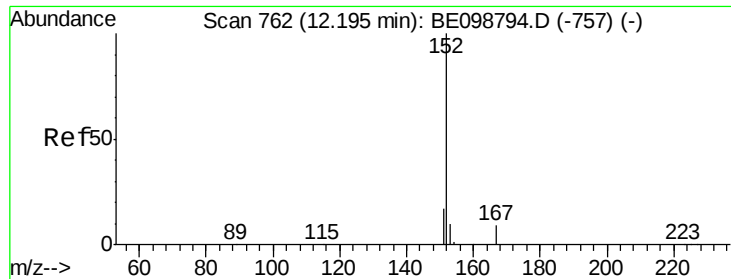


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

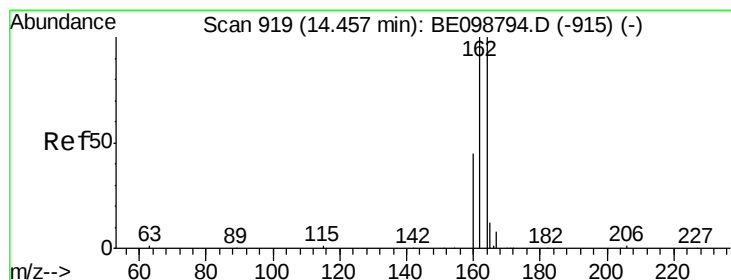
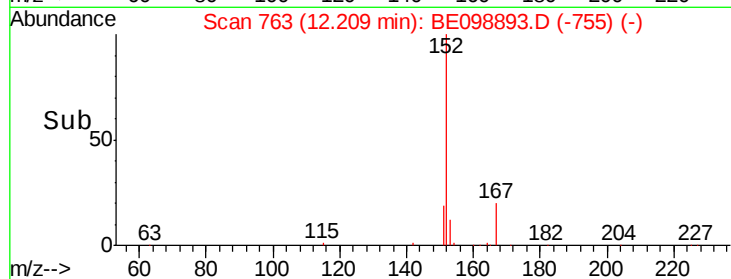
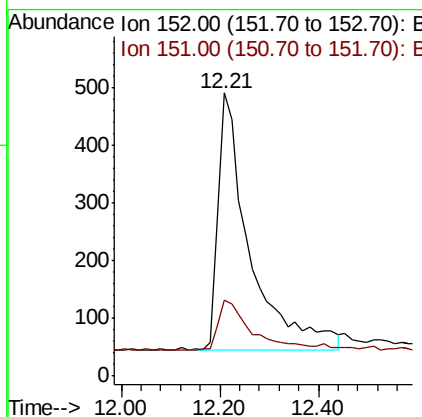
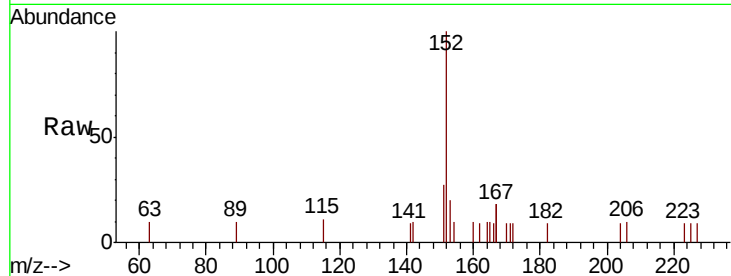




#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098893.D
Acq: 12 Mar 2019 12:06

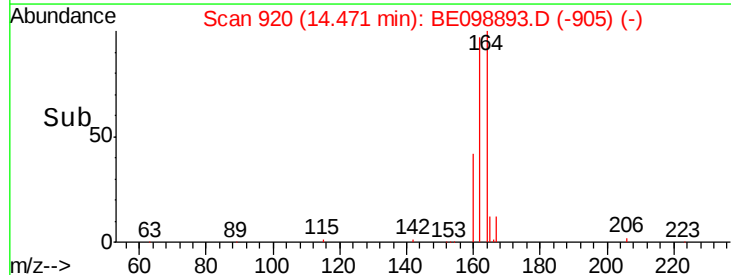
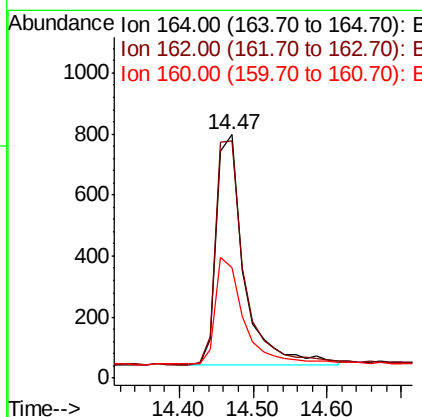
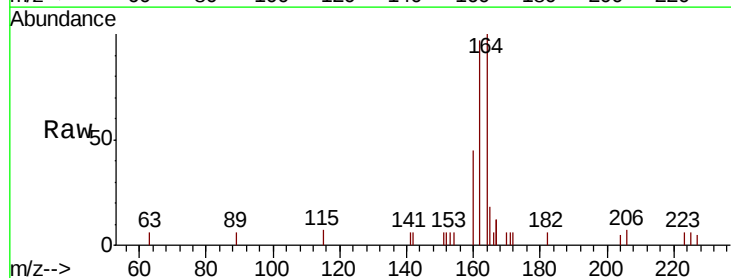
Instrument :
BNA_E
ClientSampled :

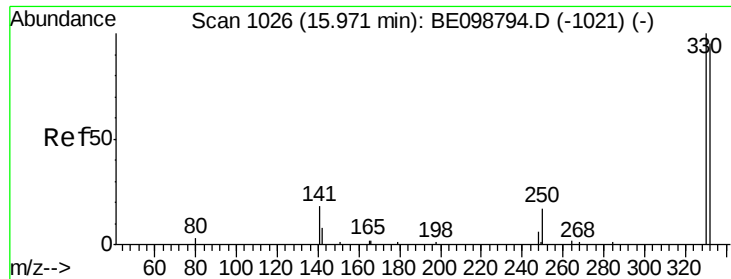
Tot Ion:152 Resp: 1953
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098893.D
Acq: 12 Mar 2019 12:06

Tgt Ion:164 Resp: 1945
Ion Ratio Lower Upper
164 100
162 97.4 80.2 120.2
160 45.2 37.8 56.8

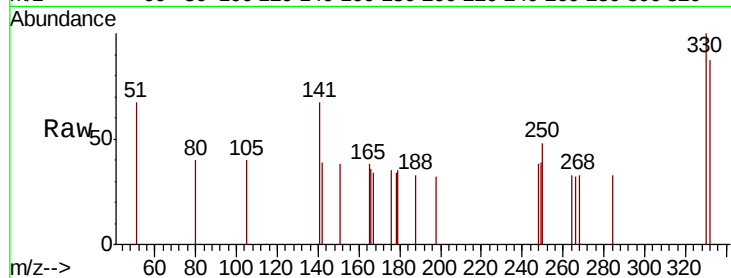




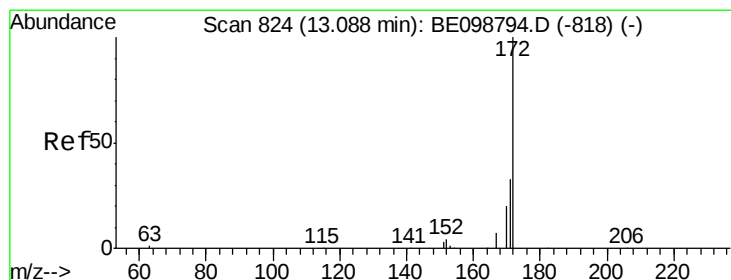
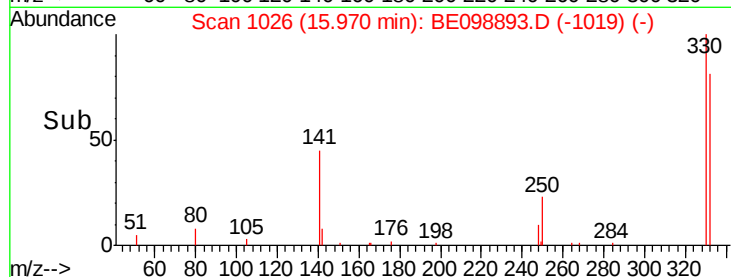
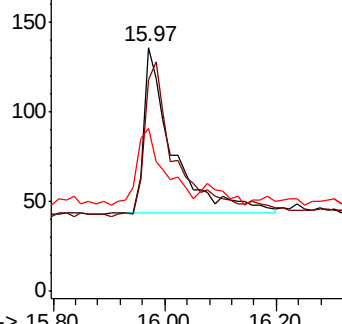
#14
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098893.D
 Acq: 12 Mar 2019 12:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 328
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.6 116.4
 141 39.3 31.0 46.4

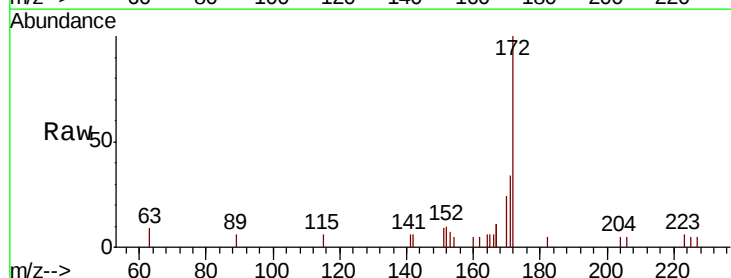


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

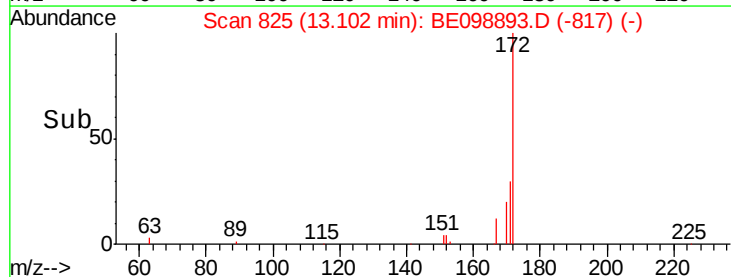
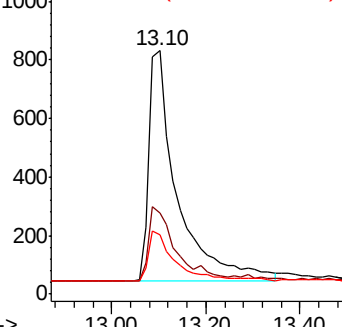


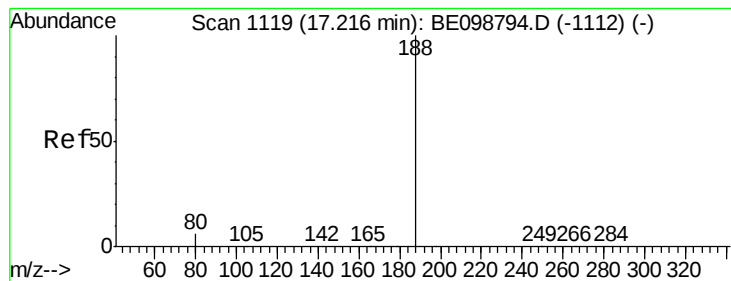
#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098893.D
 Acq: 12 Mar 2019 12:06

Tgt Ion:172 Resp: 3303
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.0 42.0
 170 24.2 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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampled :

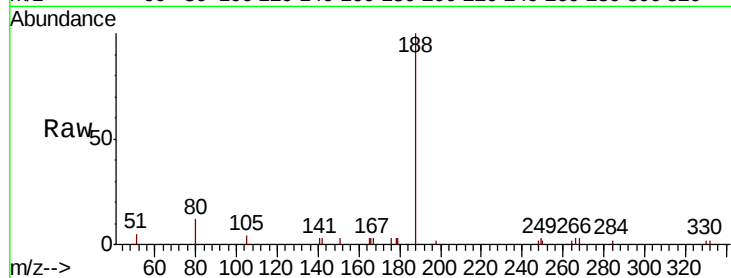
Tot Ion:188 Resp: 5034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

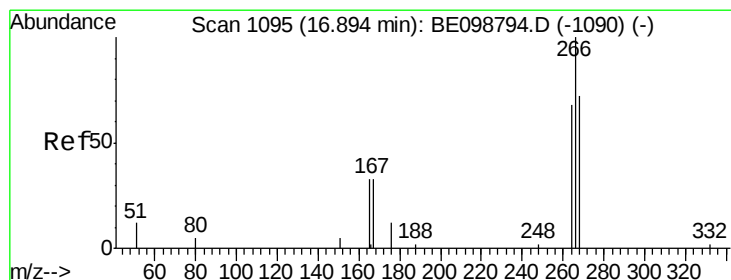
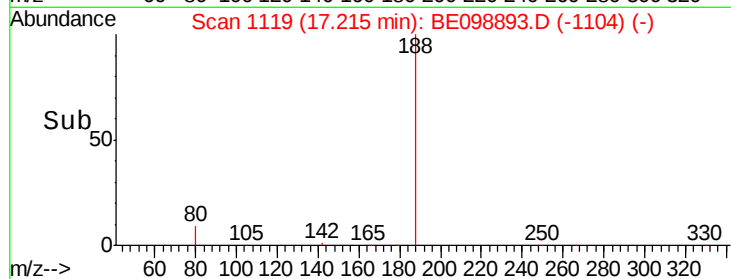
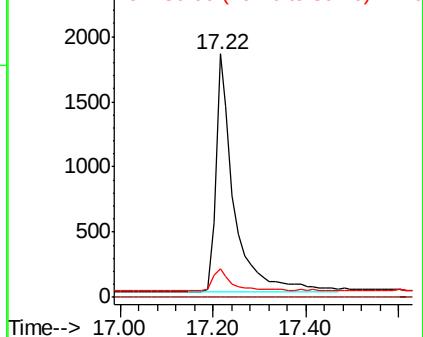
80 11.9 6.3 9.5#



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: 0.277 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

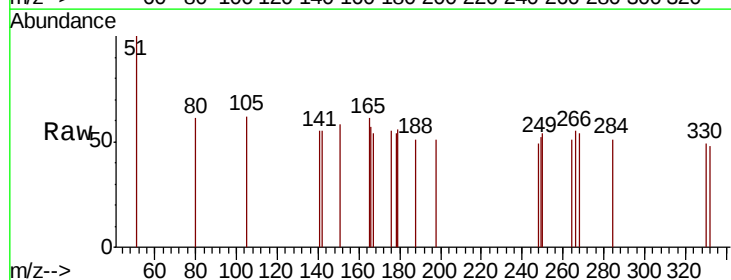
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

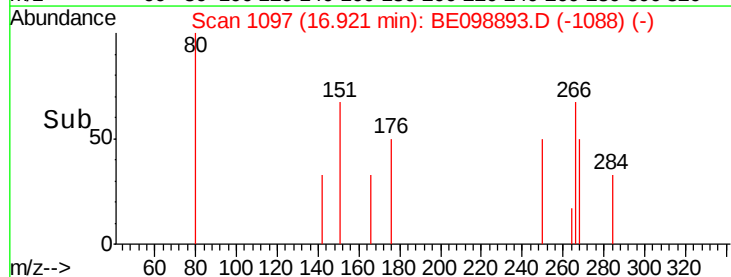
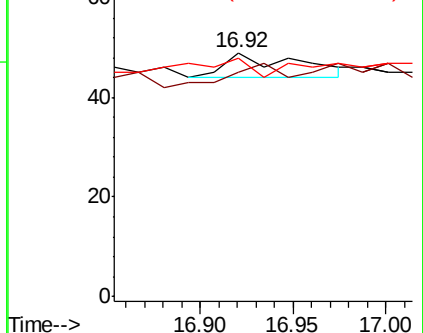
268 98.0 69.8 104.8

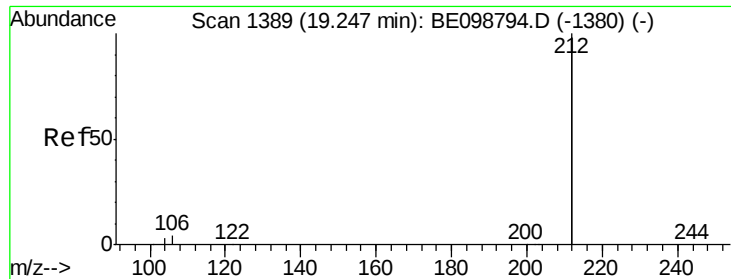


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampleId :

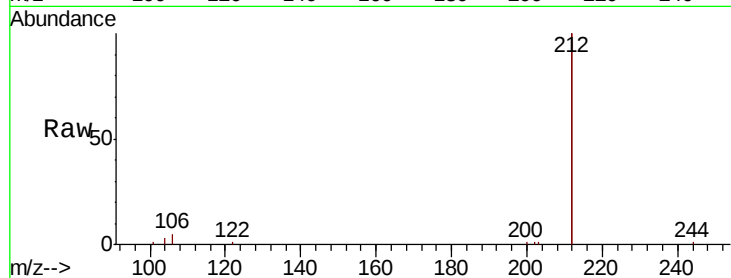
Tot Ion:212 Resp: 29136

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

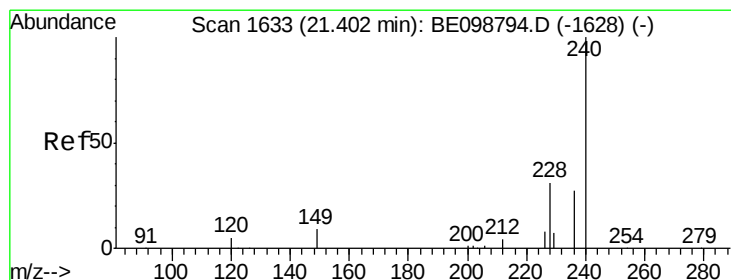
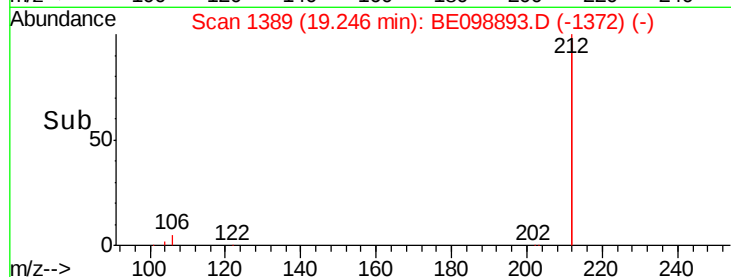
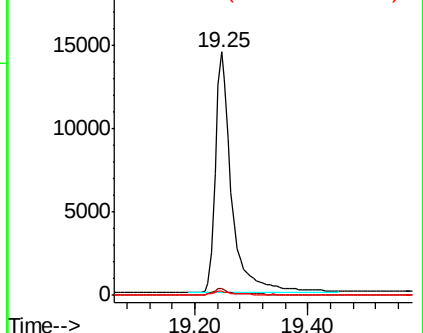
104 1.3 1.0 1.6



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: BE098893.D

Acq: 12 Mar 2019 12:06

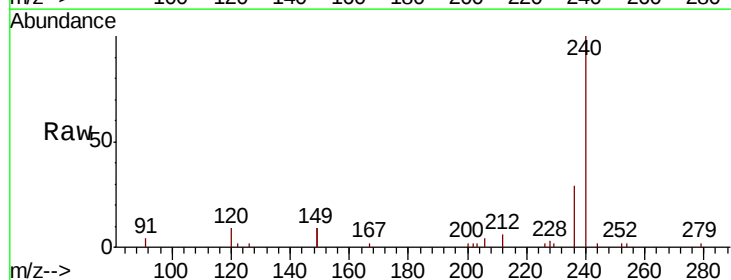
Tgt Ion:240 Resp: 5779

Ion Ratio Lower Upper

240 100

120 8.6 5.0 7.4#

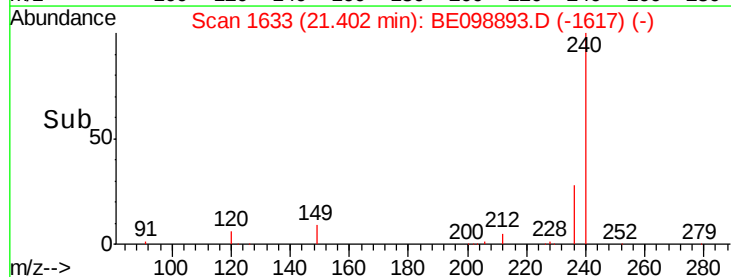
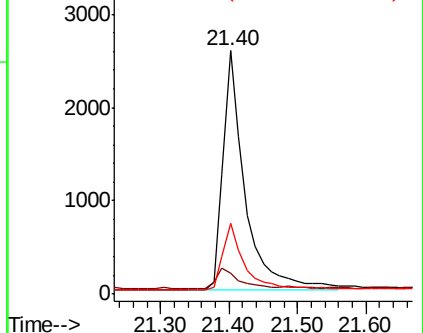
236 29.2 22.7 34.1

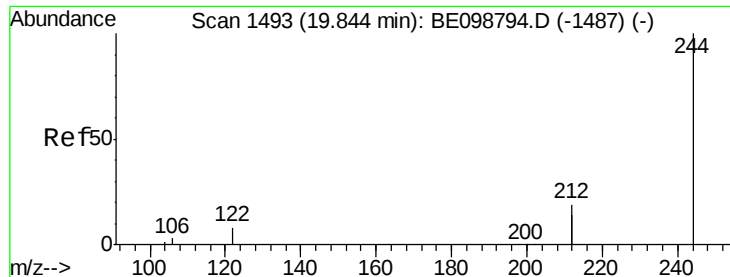


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.544 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098893.D

Acq: 12 Mar 2019 12:06

Instrument :

BNA_E

ClientSampled :

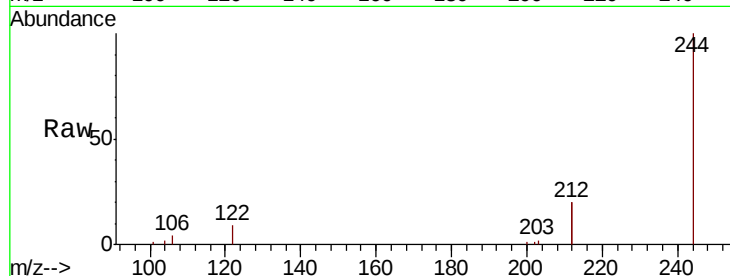
Tot Ion:244 Resp: 7647

Ion Ratio Lower Upper

244 100

212 39.3 29.4 44.2

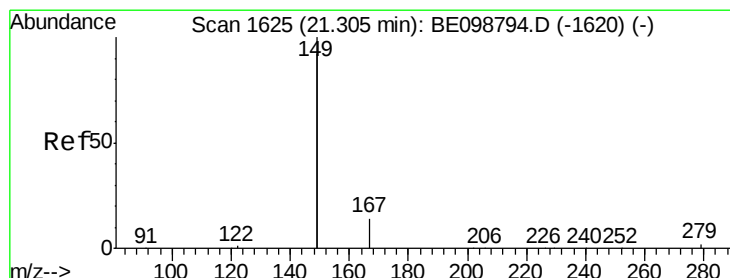
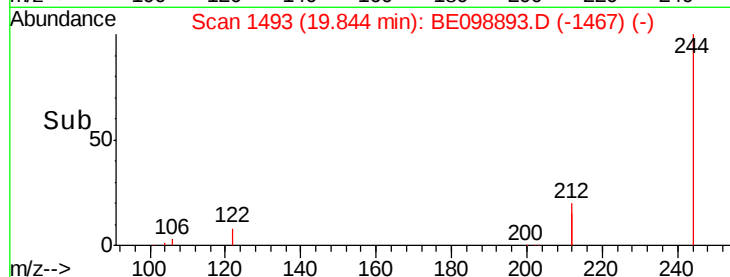
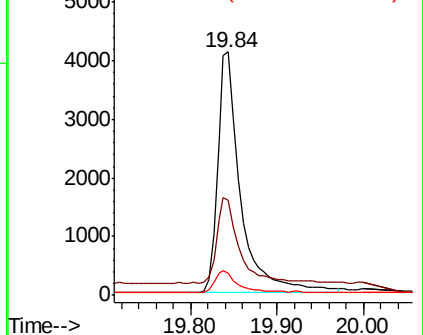
122 8.9 7.1 10.7



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: BE098893.D

Acq: 12 Mar 2019 12:06

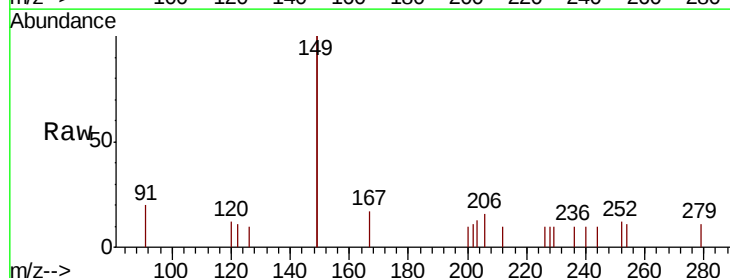
Tgt Ion:149 Resp: 788

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

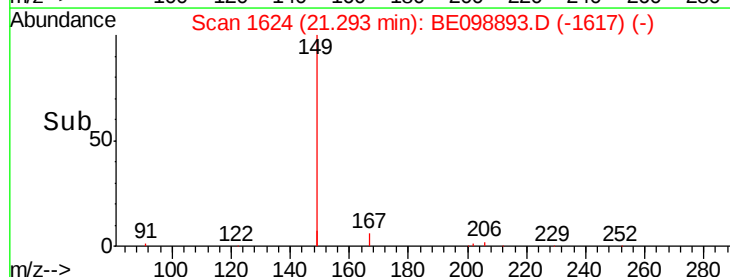
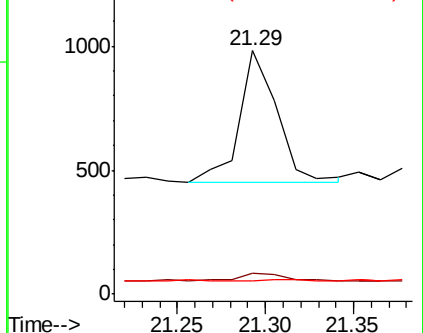
279 1.1 1.0 1.4

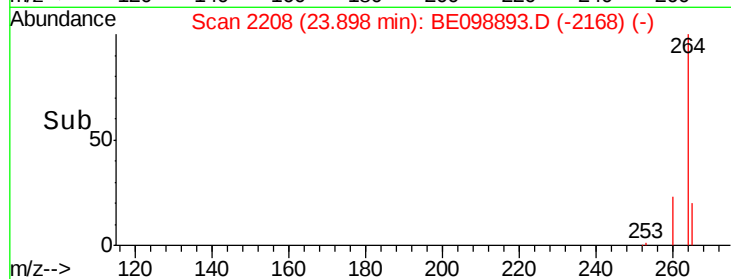
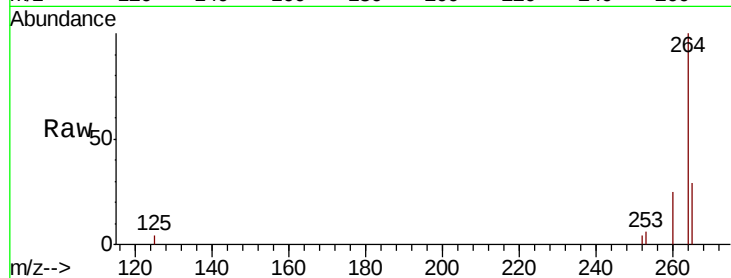
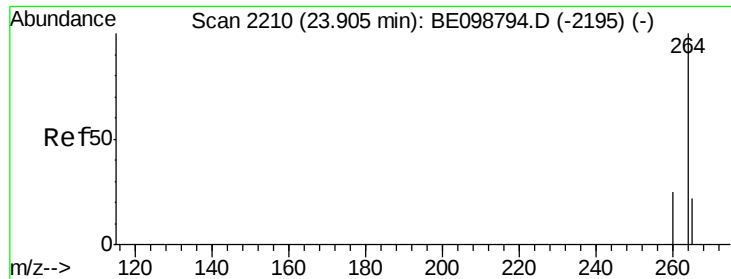


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098893.D
Acq: 12 Mar 2019 12:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	28.7	24.6	36.8

