

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098864.D
 Acq On : 11 Mar 2019 15:29
 Operator : JU/SJ
 Sample : K1793-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 16:39:34 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

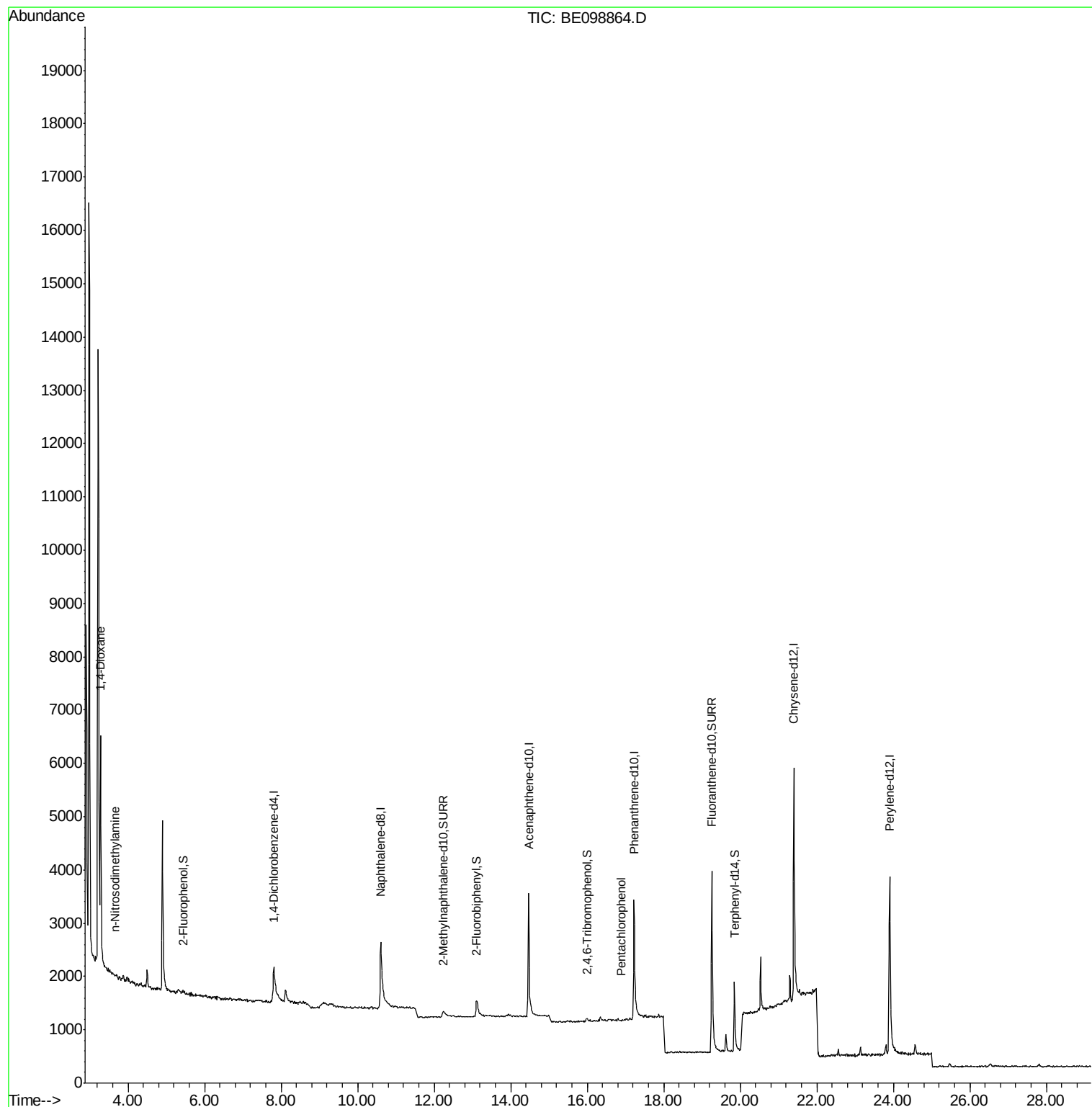
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	636	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3062	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2271	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5934	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6463	0.40	ng	0.00
34) Perylene-d12	23.90	264	6497	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	44	0.02	ng	0.05
5) Phenol-d6	6.96	99	9	0.00	ng	-0.02
8) Nitrobenzene-d5	8.96	82	16	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	454	0.08	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	63	0.05	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	851	0.09	ng	0.03
25) Fluoranthene-d10	19.25	212	7371	0.08	ng	0.00
29) Terphenyl-d14	19.85	244	1717	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2372	2.318	ng	96
3) n-Nitrosodimethylamine	3.65	42	35	0.022	ng	# 35
22) Pentachlorophenol	16.88	266	3	0.267	ng	90

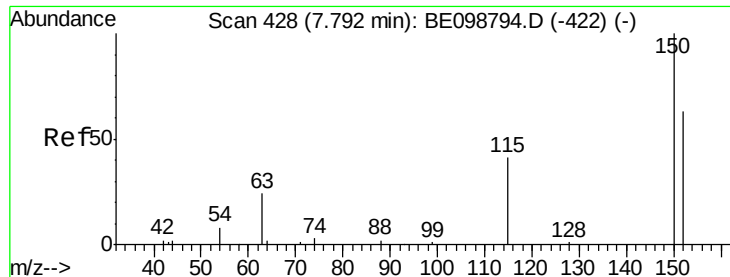
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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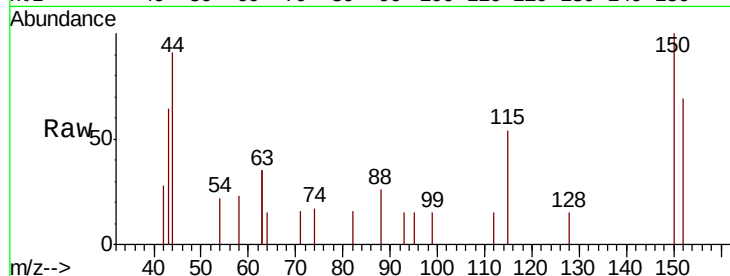


#1

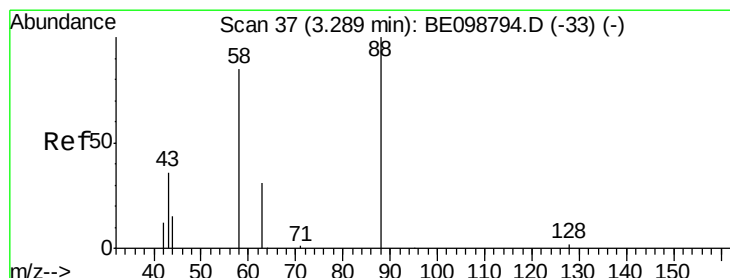
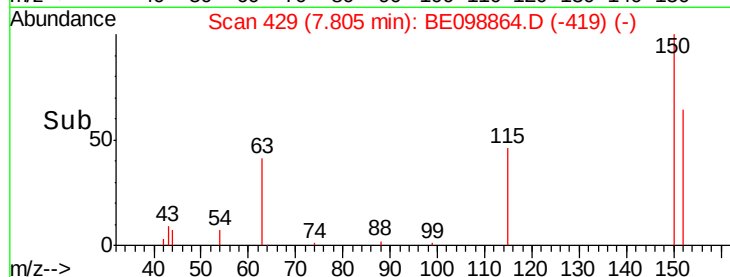
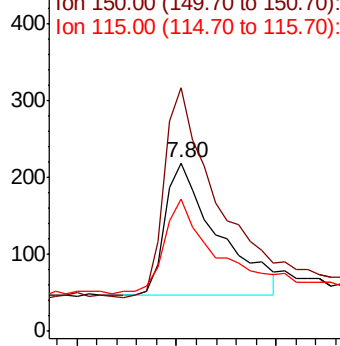
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 636
Ion Ratio Lower Upper
152 100
150 144.7 122.5 183.7
115 78.5 57.4 86.2



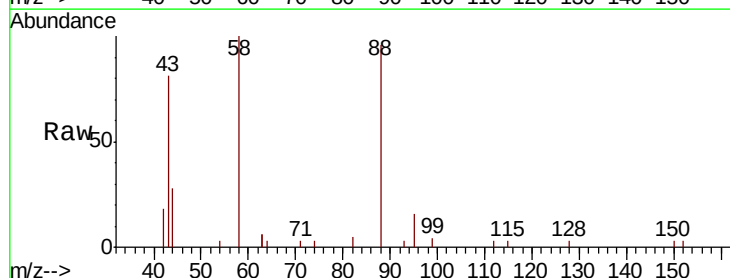
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



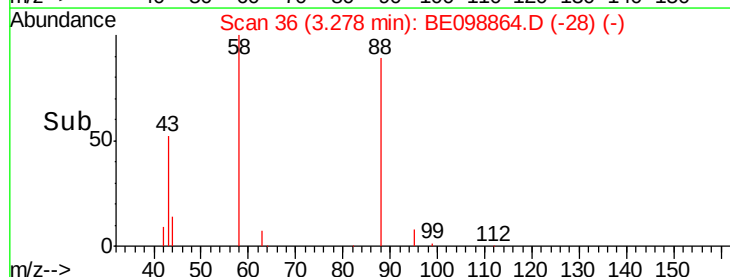
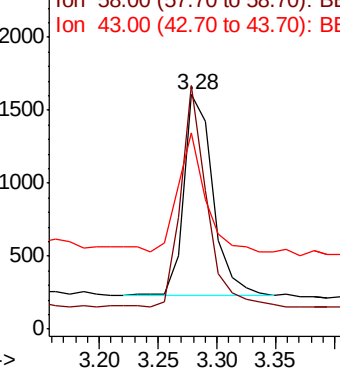
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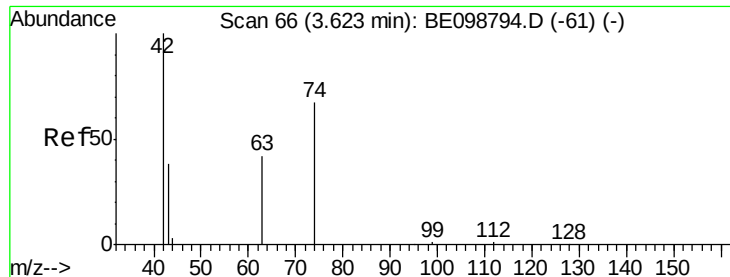
1,4-Dioxane
Concen: 2.318 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 88 Resp: 2372
Ion Ratio Lower Upper
88 100
58 99.1 75.8 113.6
43 55.1 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



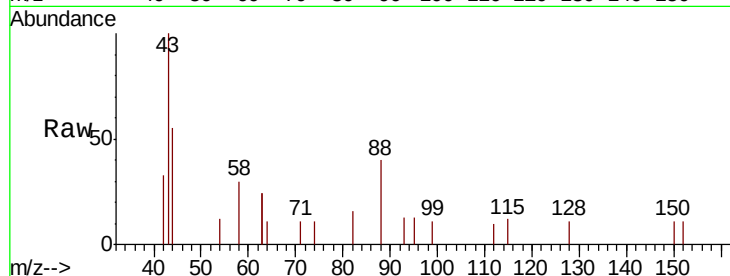


#3

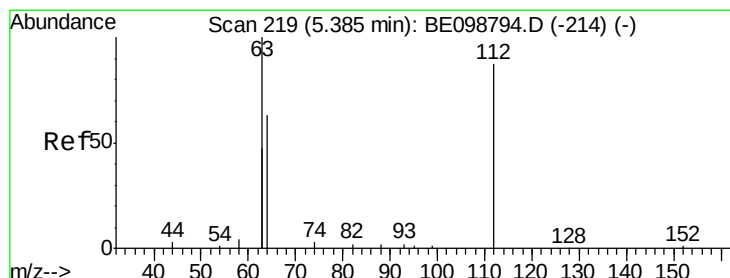
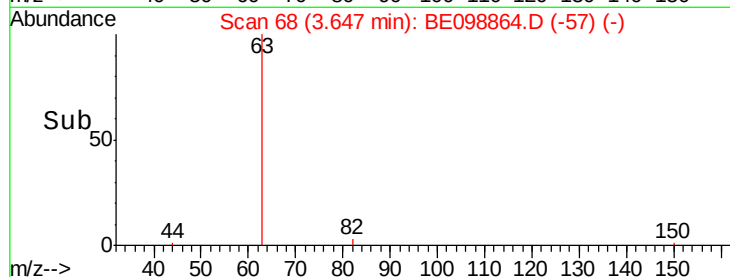
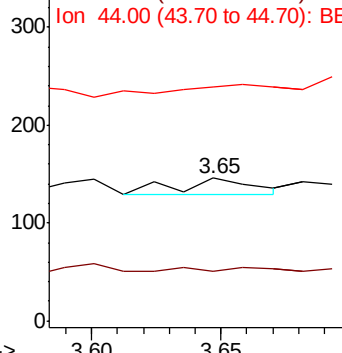
n-Nitrosodimethylamine
 Concen: 0.022 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098864.D
 Acq: 11 Mar 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	17.1	57.0	85.4#
44	111.4	0.0	0.0#



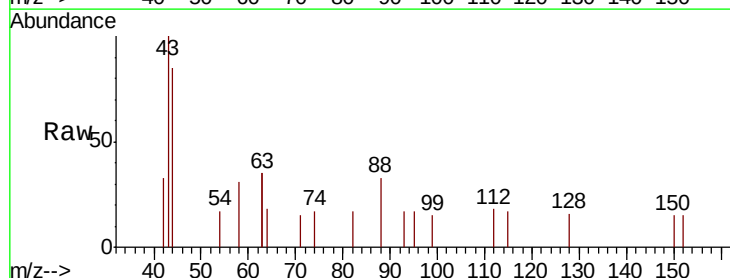
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



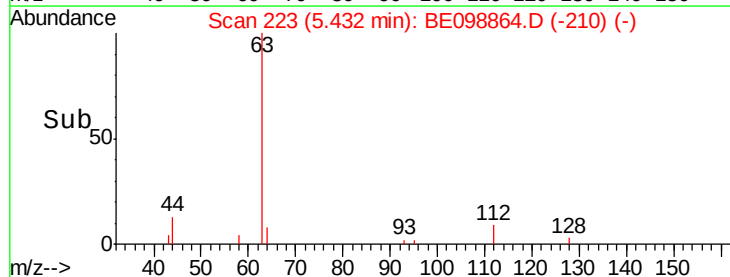
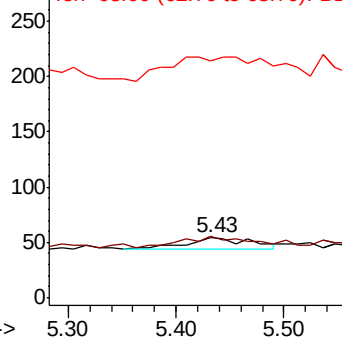
#4

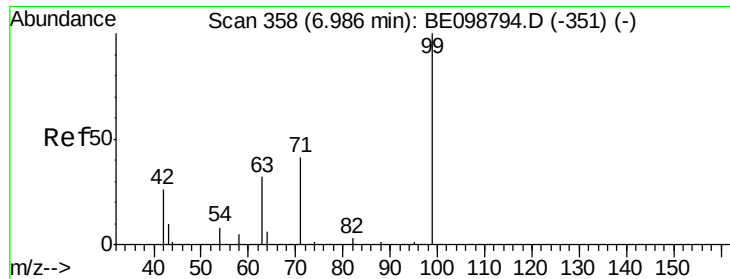
2-Fluorophenol
 Concen: 0.023 ng
 RT: 5.43 min Scan# 223
 Delta R.T. 0.05 min
 Lab File: BE098864.D
 Acq: 11 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	120.5	57.9	86.9#
63	0.0	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: 0.003 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098864.D

Acq: 11 Mar 2019 15:29

Instrument :

BNA_M

ClientSampled :

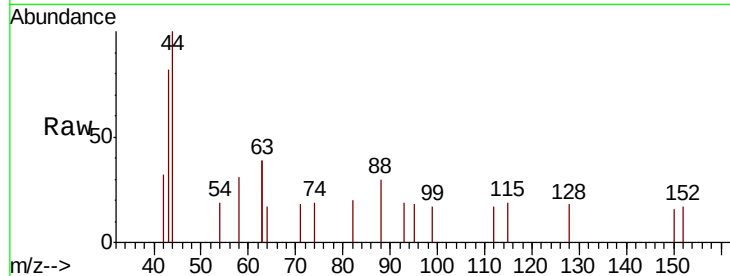
Tot Ion: 99 Resp: 9

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

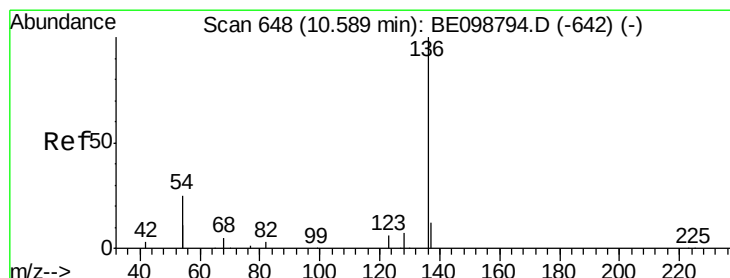
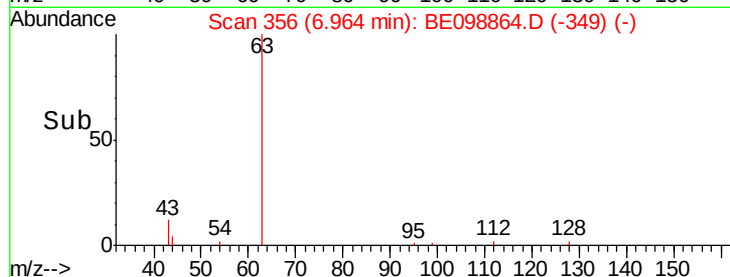
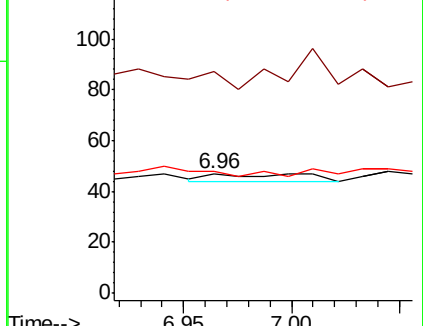
71 0.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098864.D

Acq: 11 Mar 2019 15:29

Tgt Ion: 136 Resp: 3062

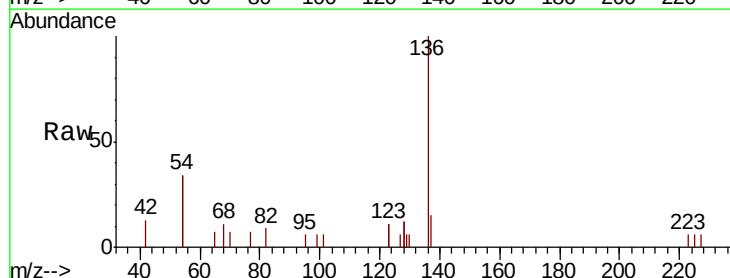
Ion Ratio Lower Upper

136 100

137 15.2 11.4 17.0

54 67.1 39.3 58.9#

68 11.4 6.7 10.1#

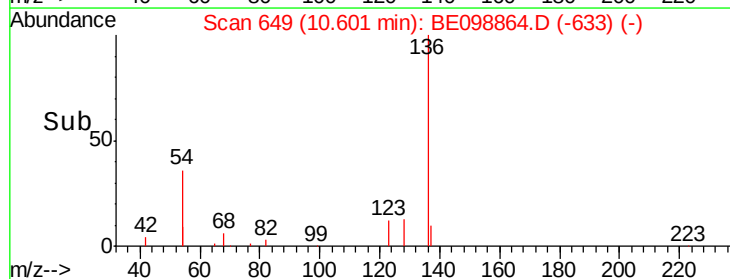
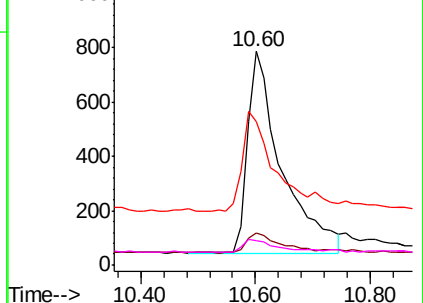


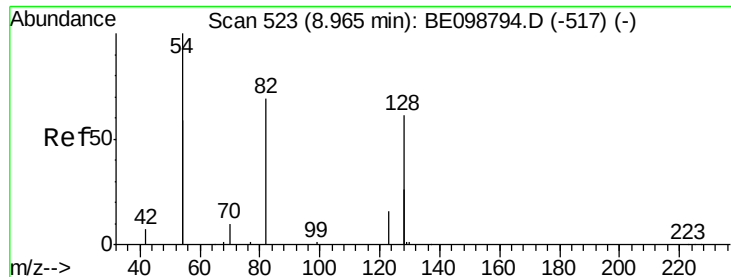
Abundance Ion 136.00 (135.70 to 136.70): E

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

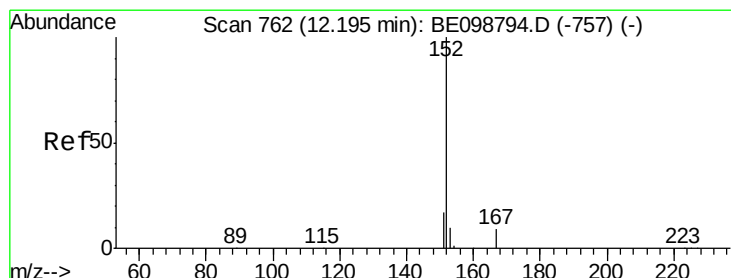
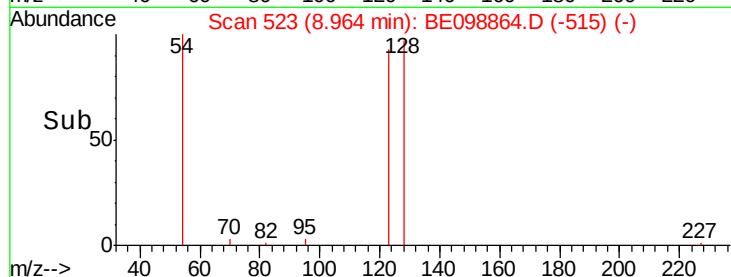
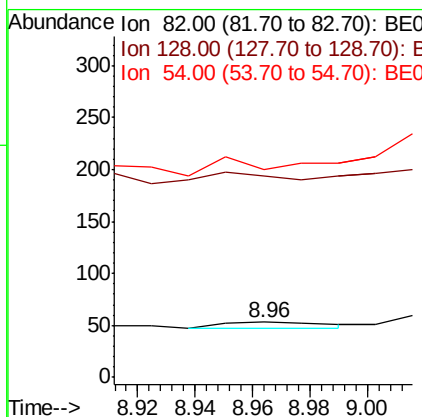
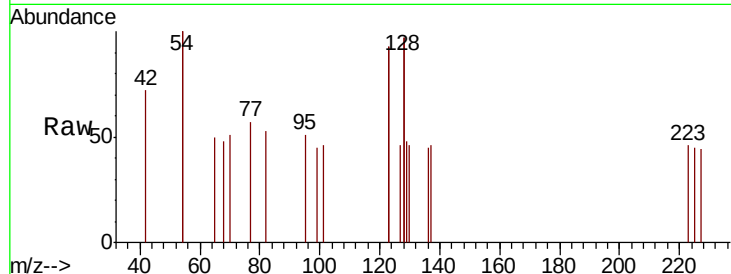




#8
 Nitrobenzene-d5
 Concen: 0.005 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE098864.D
 Acq: 11 Mar 2019 15:29

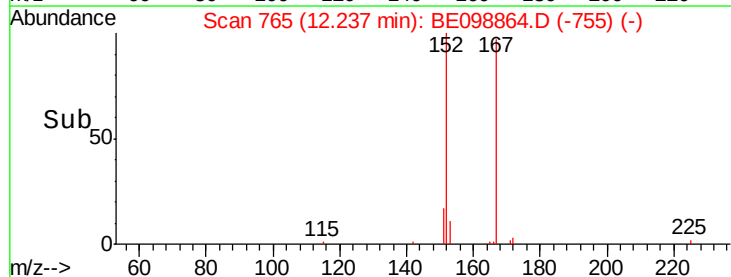
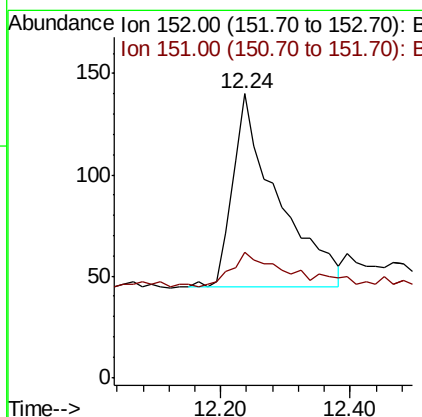
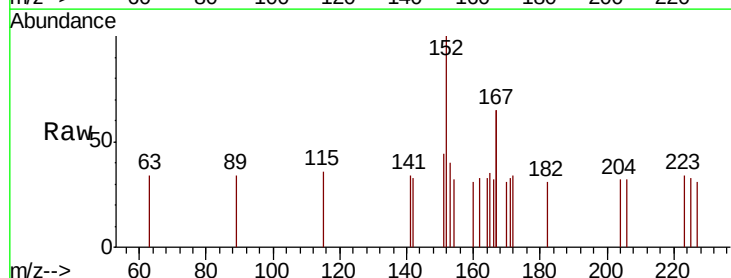
Instrument :
 BNA_M
 ClientSampled :

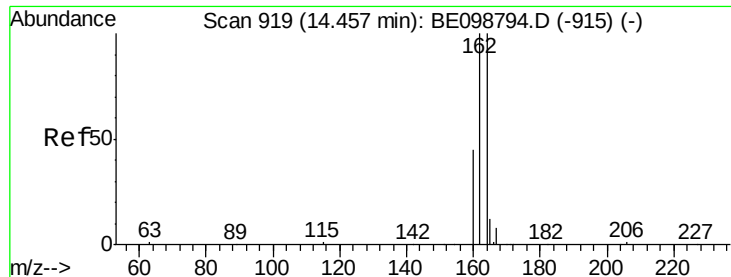
Tot Ion: 82 Resp: 16
 Ion Ratio Lower Upper
 82 100
 128 366.0 123.8 185.8#
 54 377.4 203.4 305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.080 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.04 min
 Lab File: BE098864.D
 Acq: 11 Mar 2019 15:29

Tgt Ion: 152 Resp: 454
 Ion Ratio Lower Upper
 152 100
 151 22.9 16.5 24.7

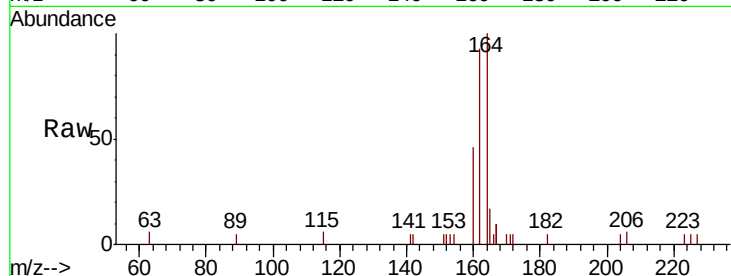




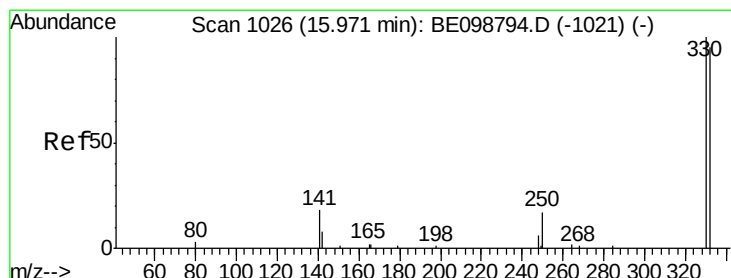
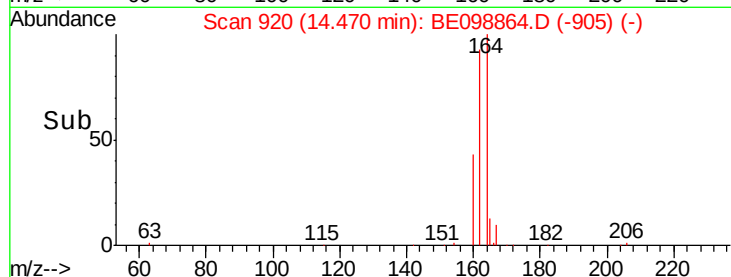
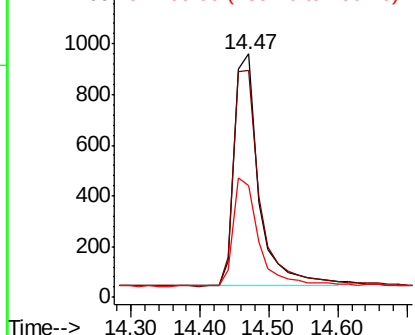
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 2271
Ion Ratio Lower Upper
164 100
162 93.0 80.2 120.2
160 46.0 37.8 56.8

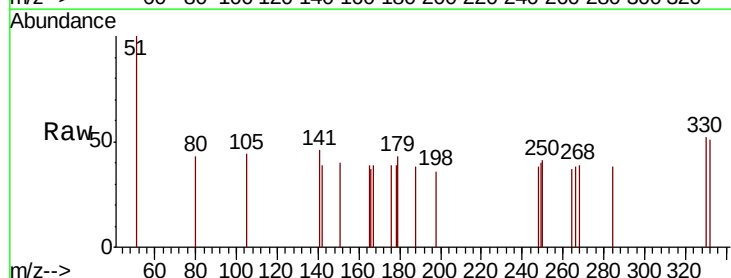


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

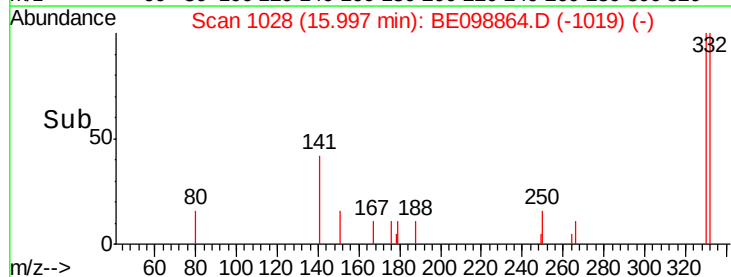
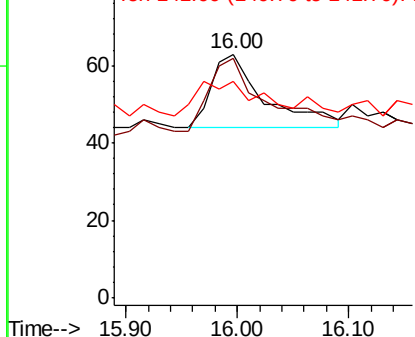


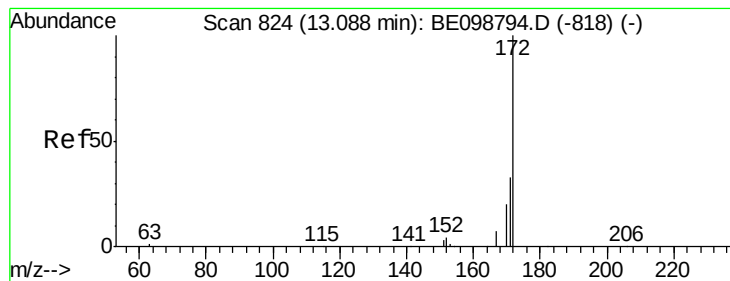
#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:330 Resp: 63
Ion Ratio Lower Upper
330 100
332 120.6 77.6 116.4#
141 0.0 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

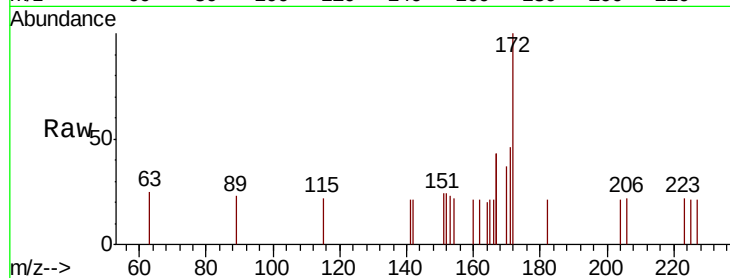




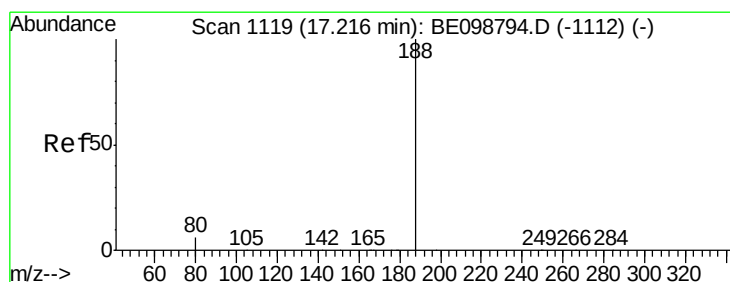
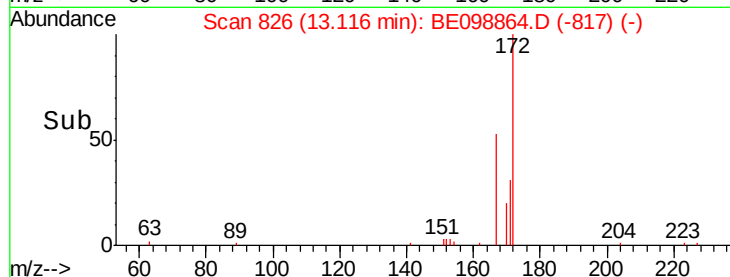
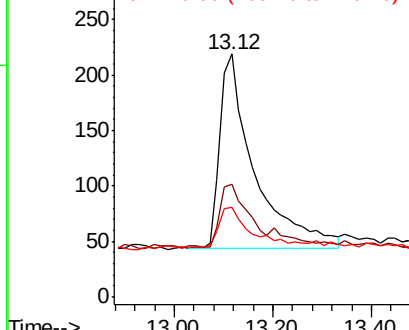
#15
2-Fluorobiphenyl
Concen: 0.091 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 851
Ion Ratio Lower Upper
172 100
171 46.1 28.0 42.0#
170 37.0 17.7 26.5#

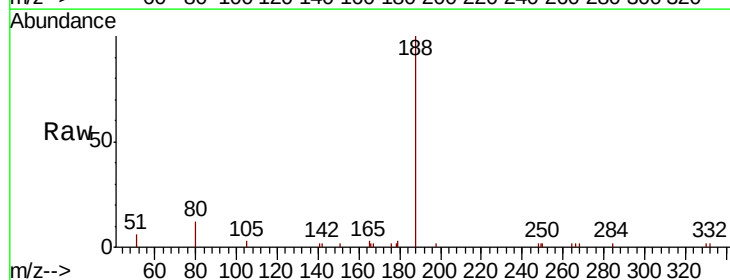


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

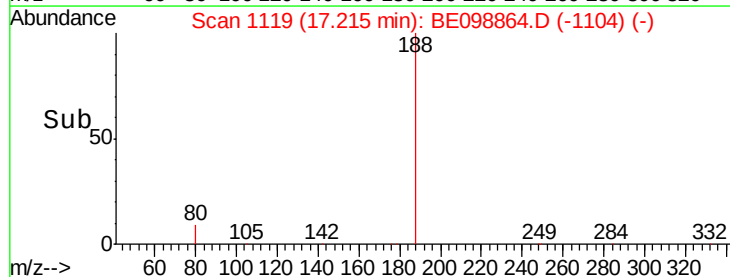
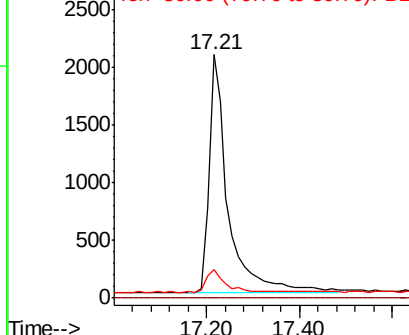


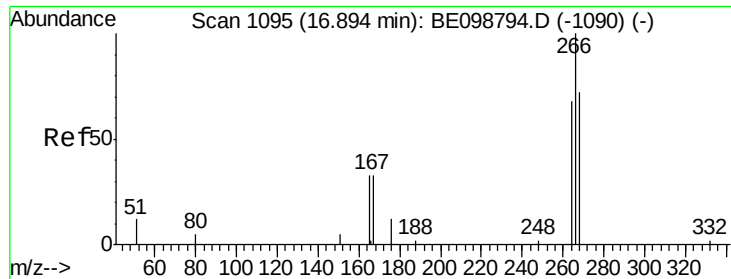
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:188 Resp: 5934
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 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: 0.267 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098864.D

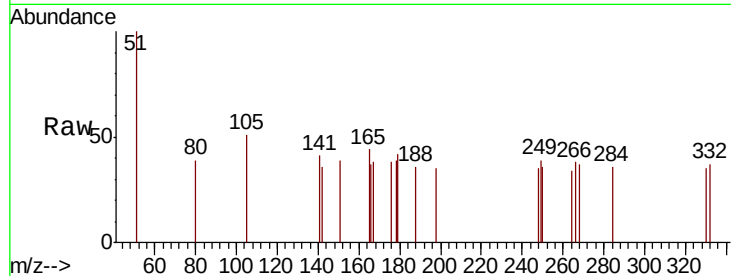
Acq: 11 Mar 2019 15:29

Instrument :

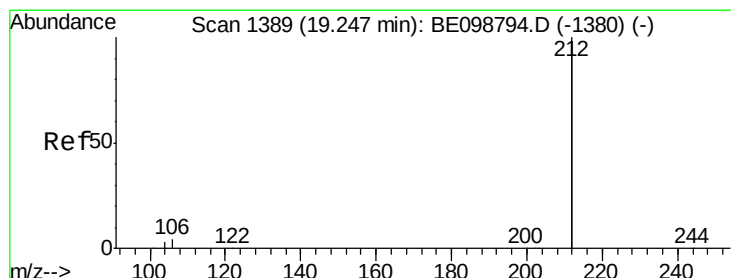
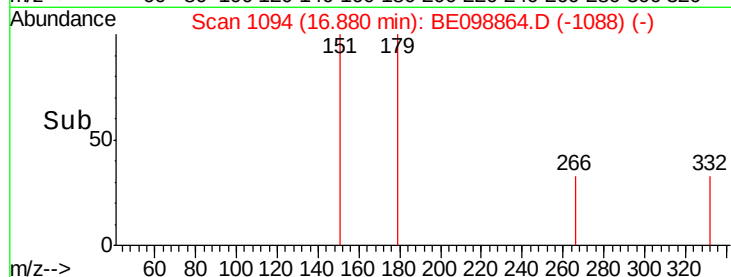
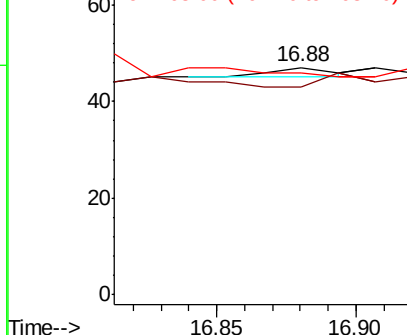
BNA_M

ClientSampleId :

Tot Ion:	266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
264	91.5	66.6	100.0
268	97.9	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: 0.078 ng

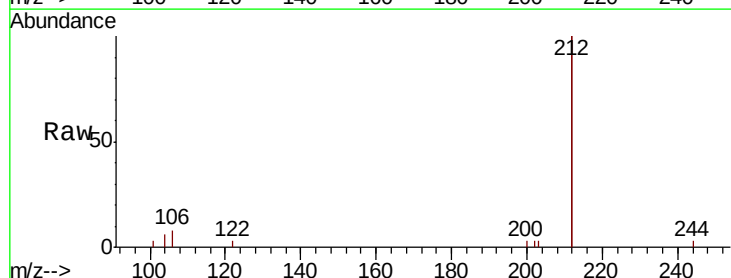
RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

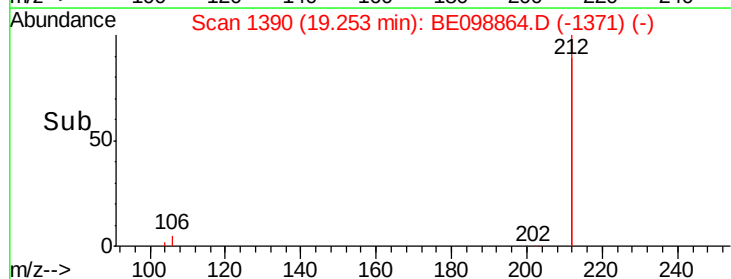
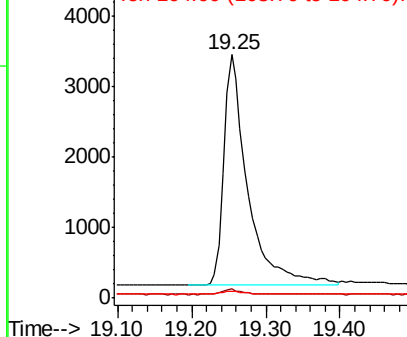
Lab File: BE098864.D

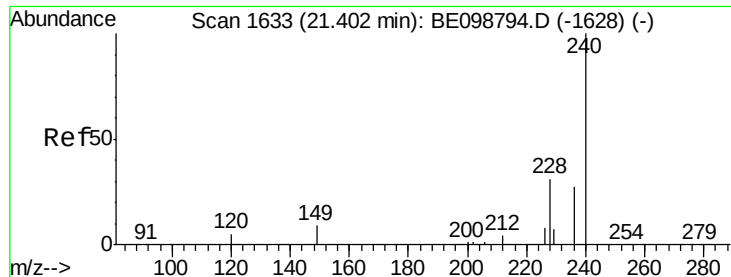
Acq: 11 Mar 2019 15:29

Tgt Ion:	212	Resp:	7371
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.6	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: BE098864.D

Acq: 11 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

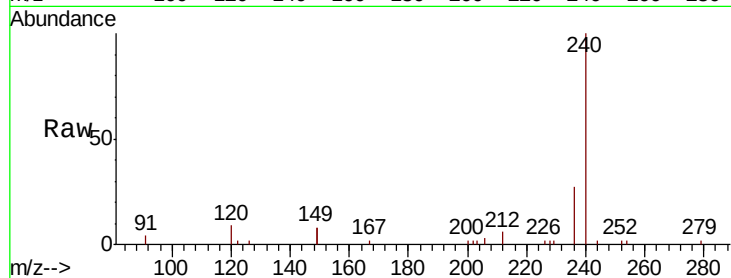
Tot Ion:240 Resp: 6463

Ion Ratio Lower Upper

240 100

120 9.0 5.0 7.4#

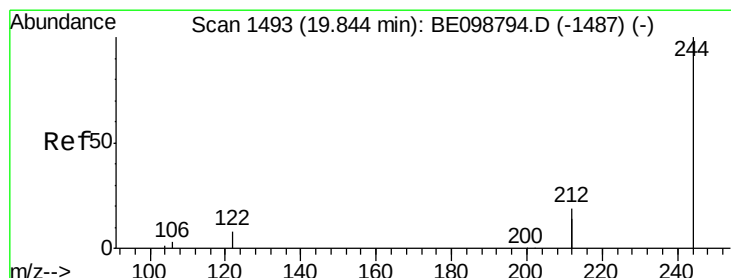
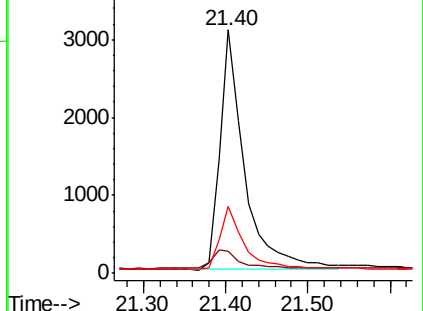
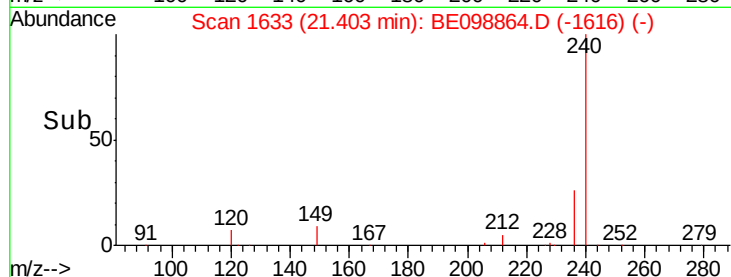
236 27.3 22.7 34.1



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: 0.109 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098864.D

Acq: 11 Mar 2019 15:29

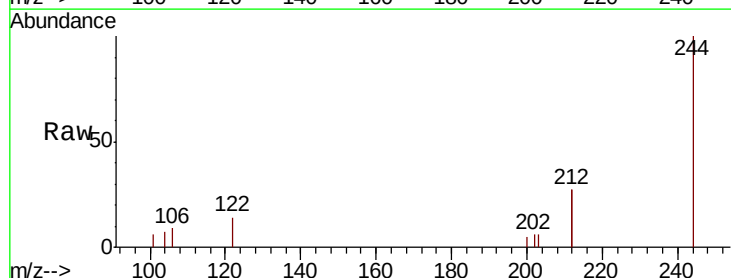
Tgt Ion:244 Resp: 1717

Ion Ratio Lower Upper

244 100

212 53.5 29.4 44.2#

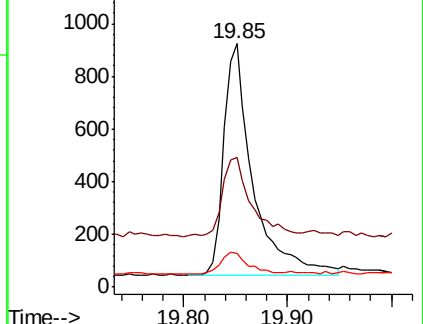
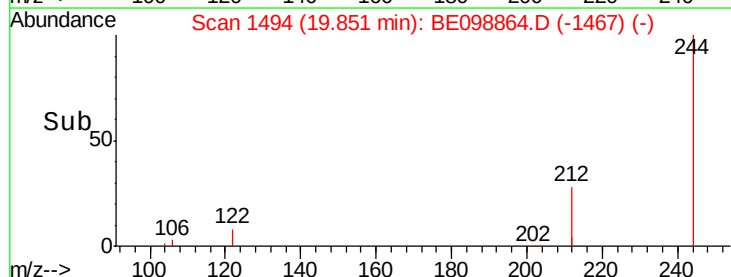
122 13.6 7.1 10.7#

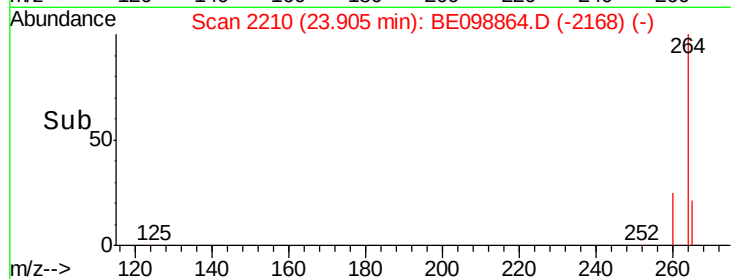
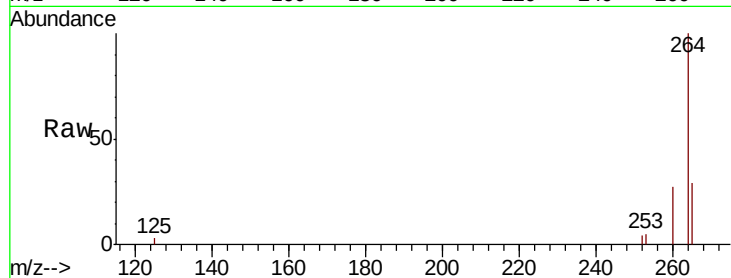
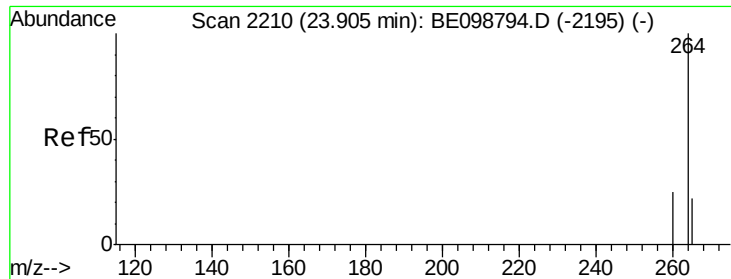


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098864.D

Acq: 11 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 6497

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 29.3 24.6 36.8

