

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098919.D
 Acq On : 13 Mar 2019 19:39
 Operator : JU/SJ
 Sample : K1856-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:33 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

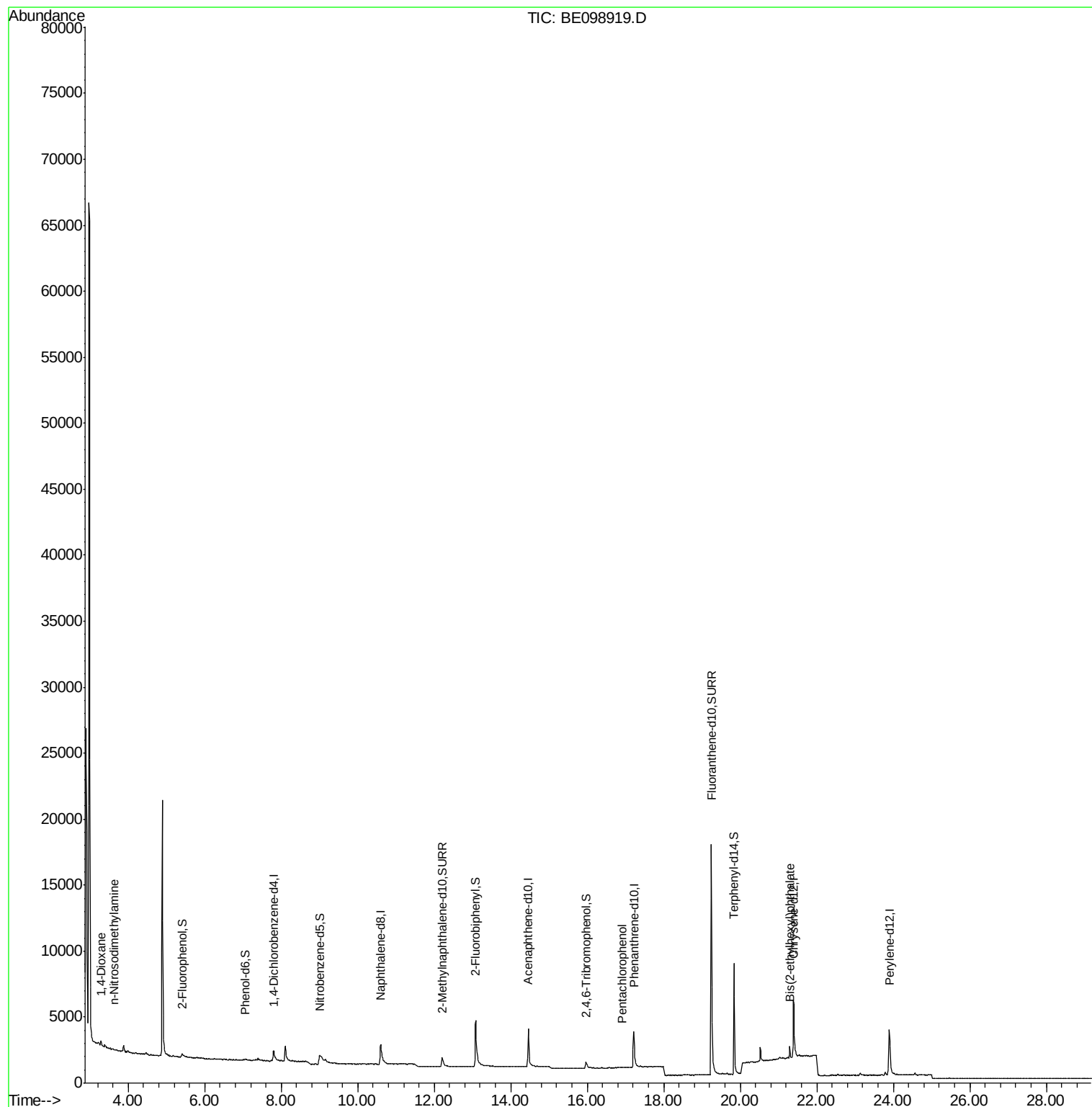
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	730	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3234	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2393	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5851	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6859	0.40	ng	0.00
34) Perylene-d12	23.90	264	6806	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	333	0.15	ng	0.02
5) Phenol-d6	7.06	99	227	0.07	ng	0.07
8) Nitrobenzene-d5	9.00	82	1053	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2061	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	536	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6690	0.68	ng	0.00
25) Fluoranthene-d10	19.24	212	29962	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	8790	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	330	0.189	ng	Qvalue # 84
3) n-Nitrosodimethylamine	3.62	42	39	0.021	ng	# 14
22) Pentachlorophenol	16.92	266	9	0.272	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1089	0.024	ng	# 93

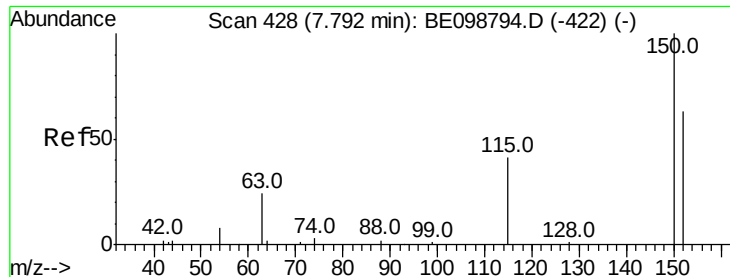
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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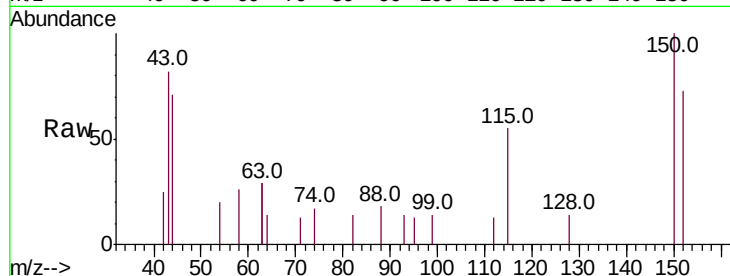


#1

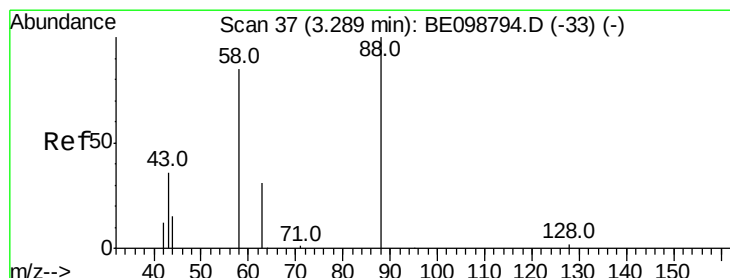
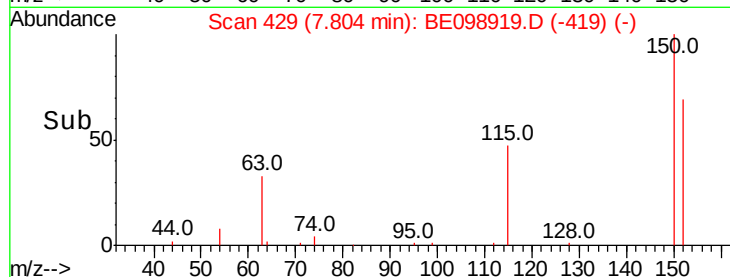
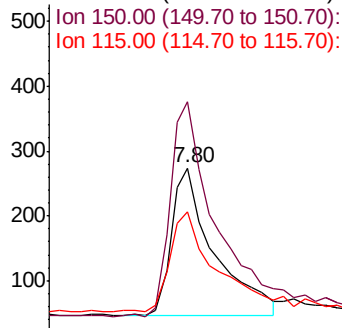
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098919.D
Acq: 13 Mar 2019 19:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
150 137.2 122.5 183.7
115 75.5 57.4 86.2



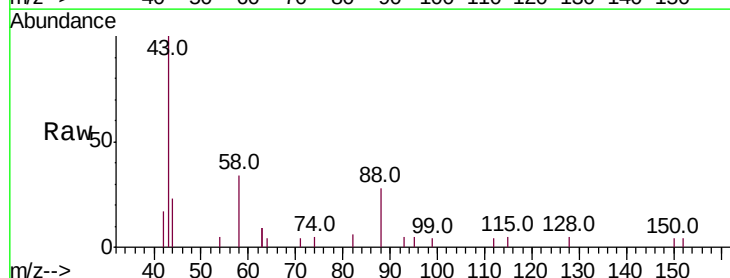
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



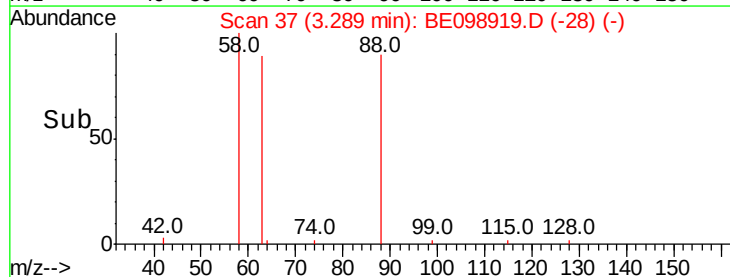
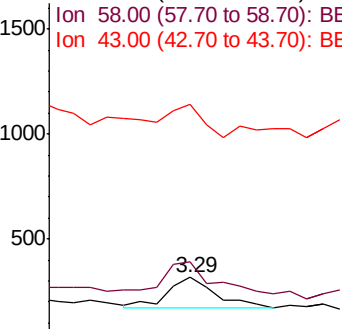
#2

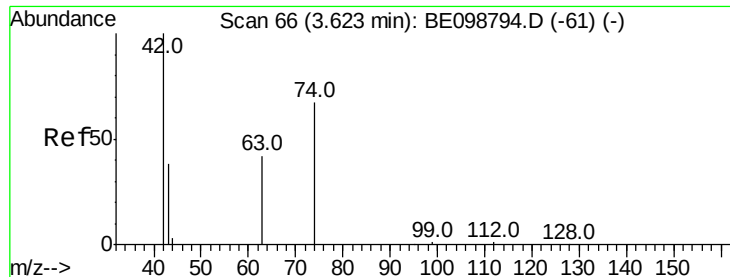
1,4-Dioxane
Concen: 0.189 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098919.D
Acq: 13 Mar 2019 19:39

Tgt Ion: 88 Resp: 330
Ion Ratio Lower Upper
88 100
58 102.4 75.8 113.6
43 73.0 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



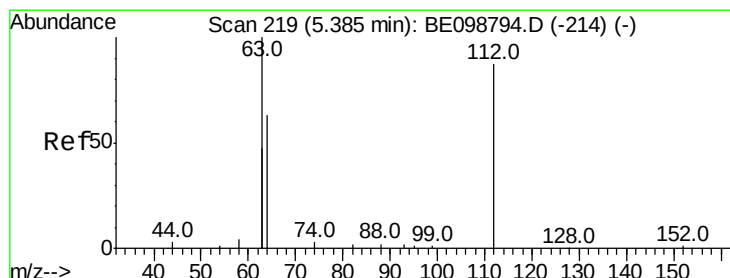
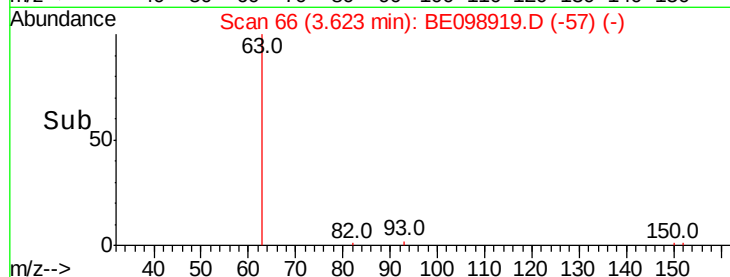
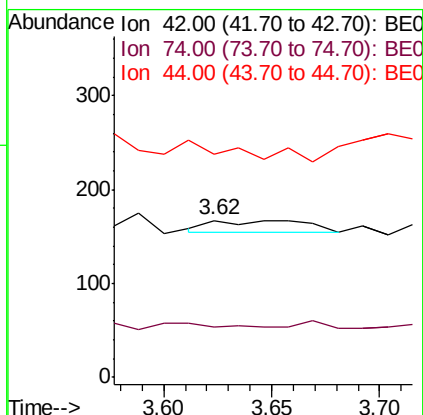
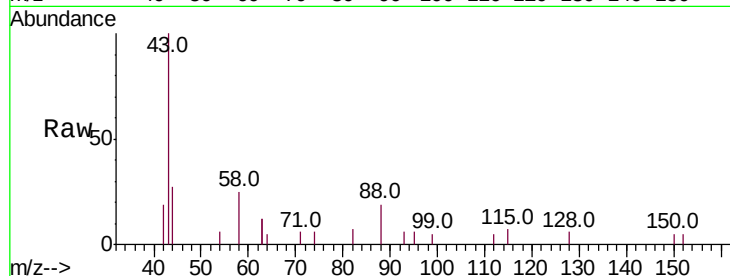


#3

n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.62 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098919.D
 Acq: 13 Mar 2019 19:39

Instrument :
 BNA_E
 ClientSampleId :

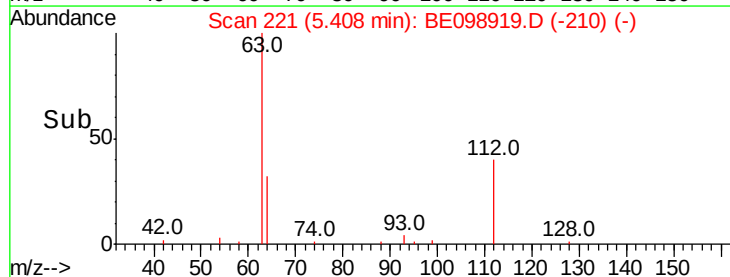
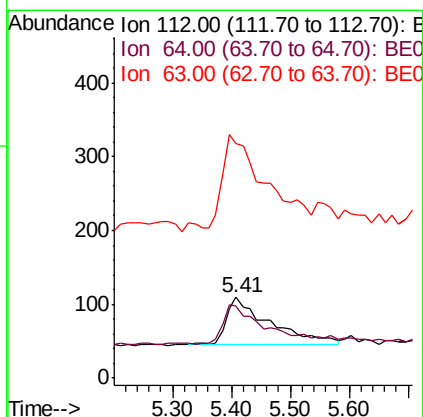
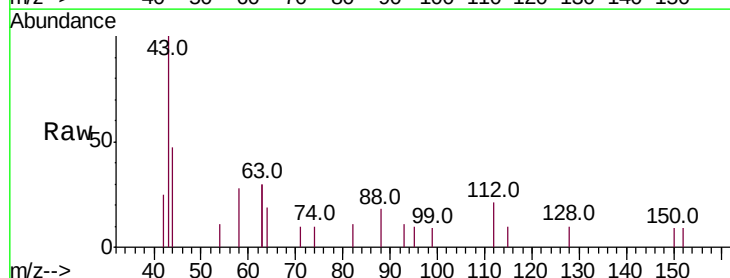
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	66.7	0.0	0.0#

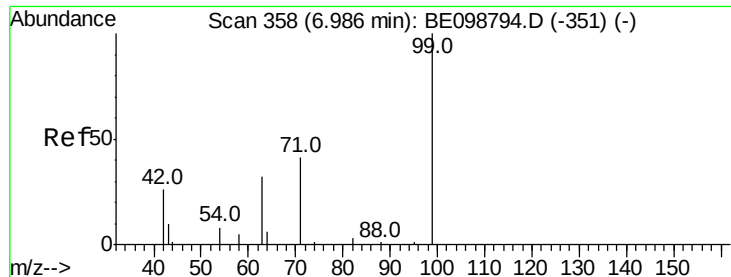


#4

2-Fluorophenol
 Concen: 0.153 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098919.D
 Acq: 13 Mar 2019 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	97.0	57.9	86.9#
63	194.3	158.3	237.5





#5

Phenol-d6

Concen: 0.074 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

Instrument :

BNA_E

ClientSampled :

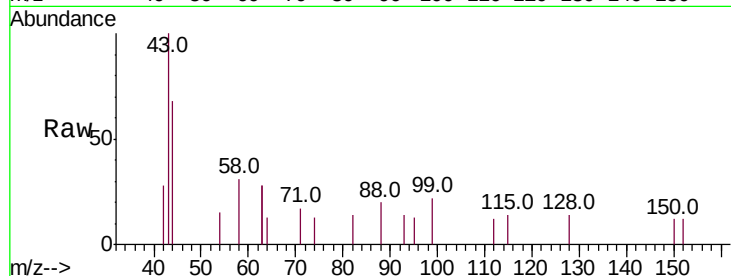
Tot Ion: 99 Resp: 227

Ion Ratio Lower Upper

99 100

42 8.4 24.2 36.2#

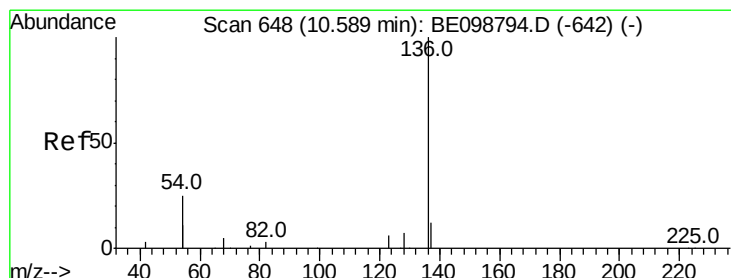
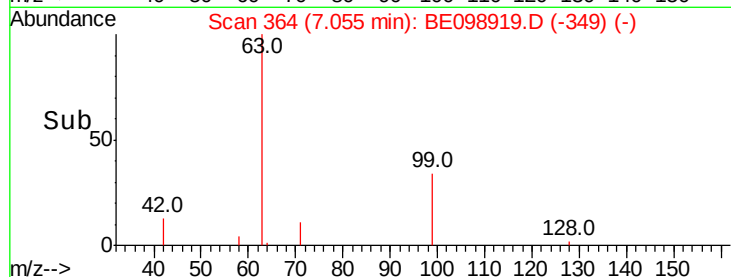
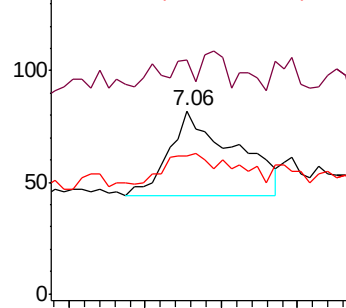
71 24.7 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

Tgt Ion:136 Resp: 3234

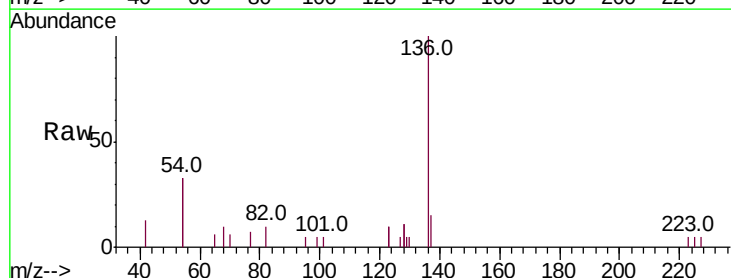
Ion Ratio Lower Upper

136 100

137 14.6 11.4 17.0

54 65.6 39.3 58.9#

68 9.9 6.7 10.1

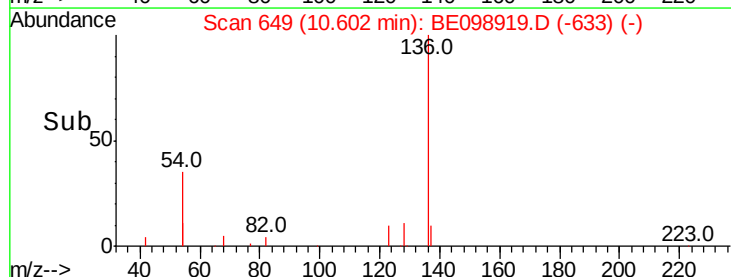
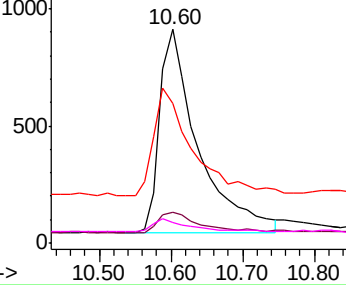


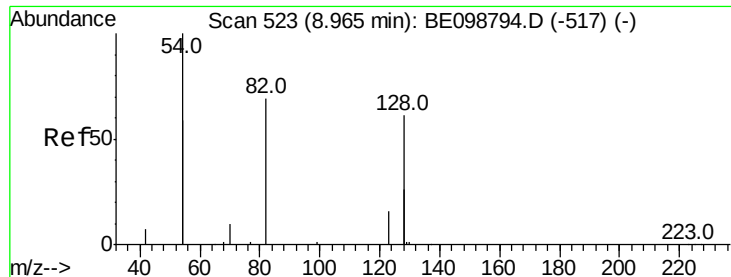
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

Instrument :

BNA_E

ClientSampleId :

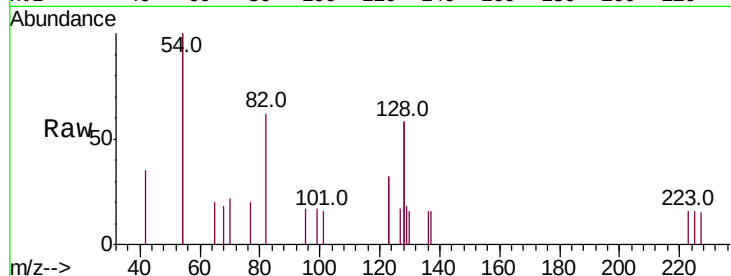
Tot Ion: 82 Resp: 1053

Ion Ratio Lower Upper

82 100

128 188.4 123.8 185.8#

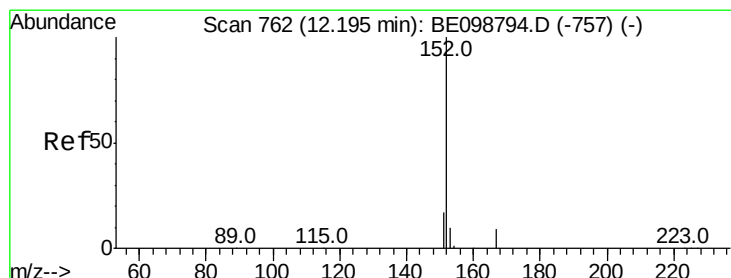
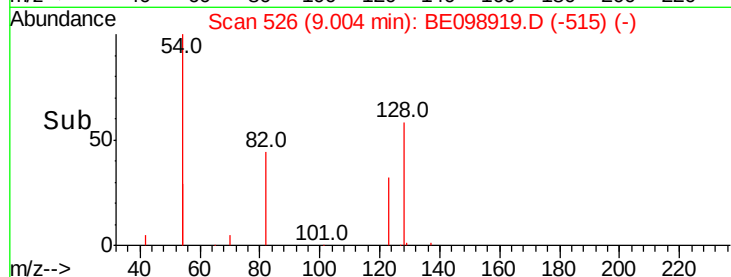
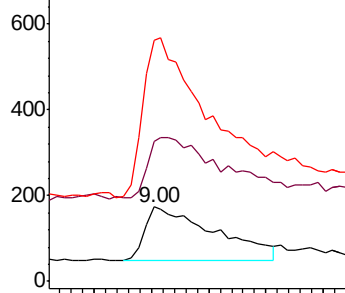
54 324.9 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE098794.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE098794.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE098794.D (-517) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098919.D

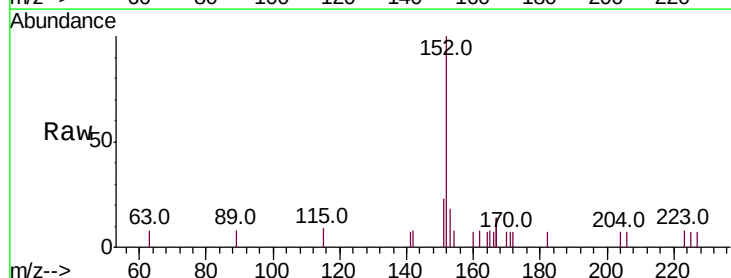
Acq: 13 Mar 2019 19:39

Tgt Ion: 152 Resp: 2061

Ion Ratio Lower Upper

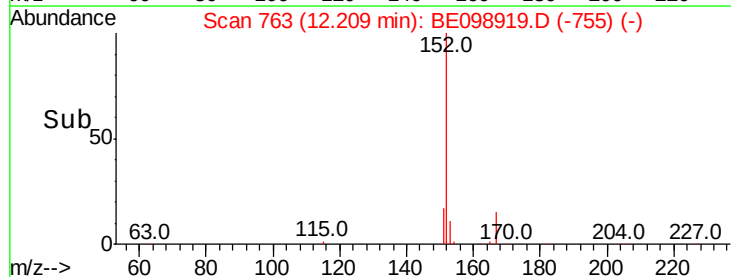
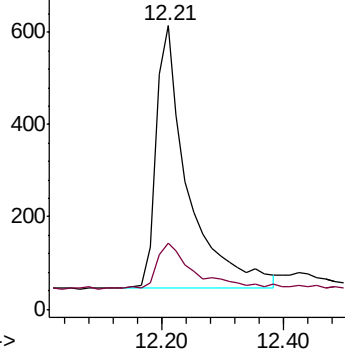
152 100

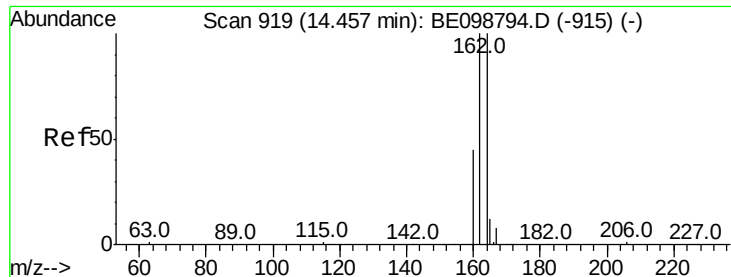
151 18.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BE098794.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE098794.D (-757) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

Instrument :

BNA_E

ClientSampleId :

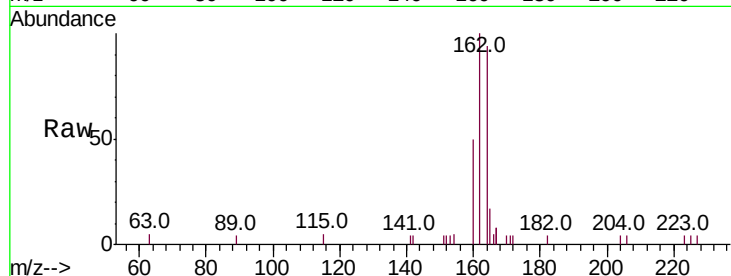
Tot Ion:164 Resp: 2393

Ion Ratio Lower Upper

164 100

162 105.9 80.2 120.2

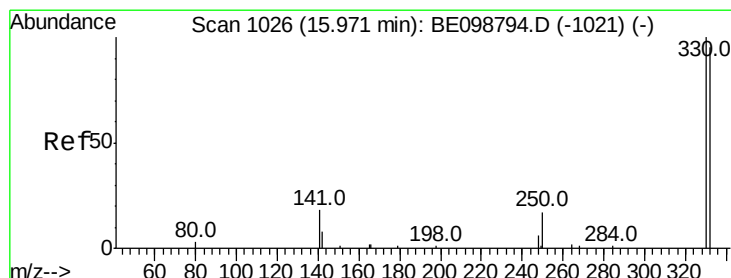
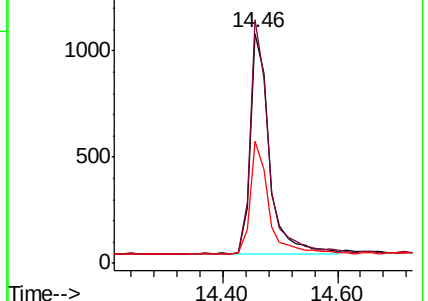
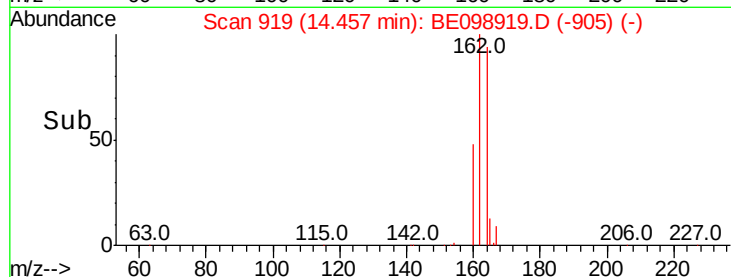
160 53.0 37.8 56.8



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: 0.444 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

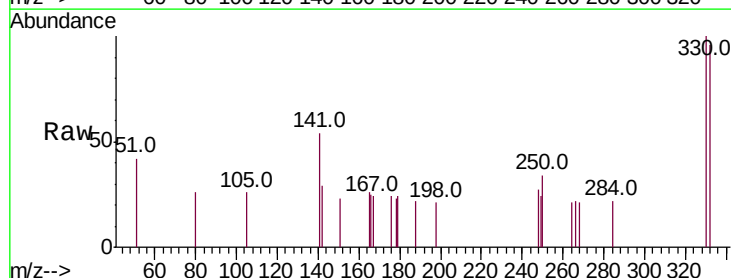
Tgt Ion:330 Resp: 536

Ion Ratio Lower Upper

330 100

332 92.2 77.6 116.4

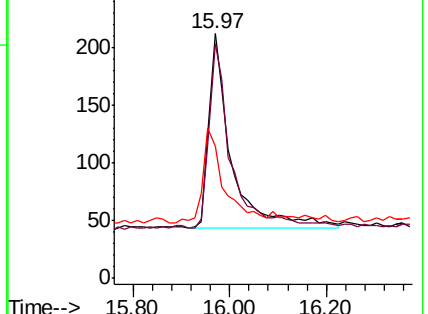
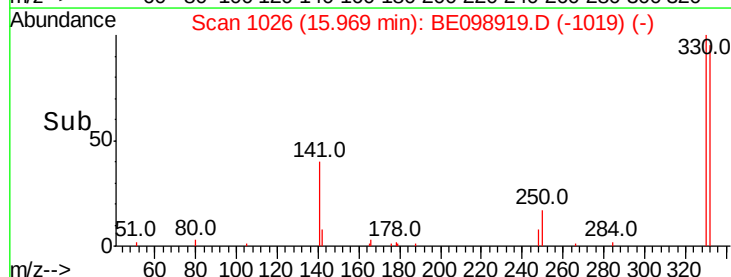
141 40.1 31.0 46.4

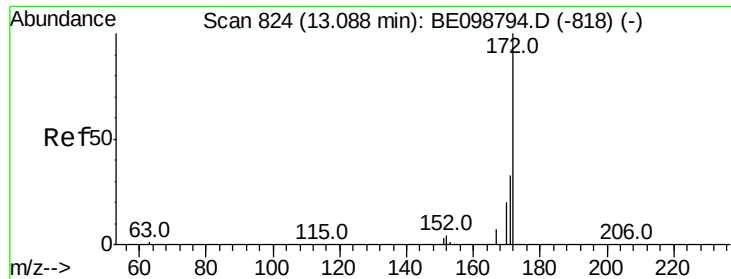


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

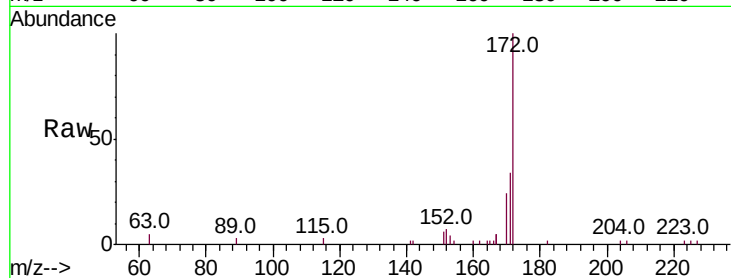




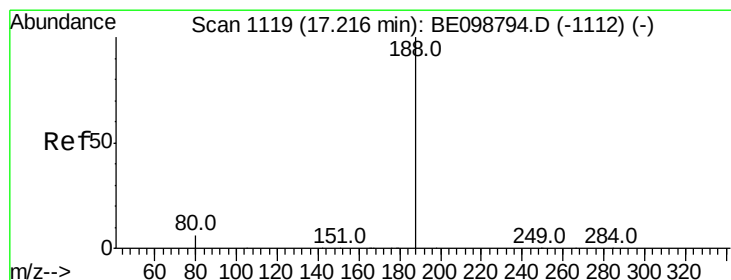
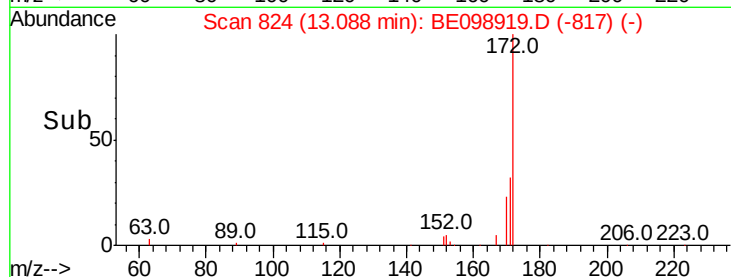
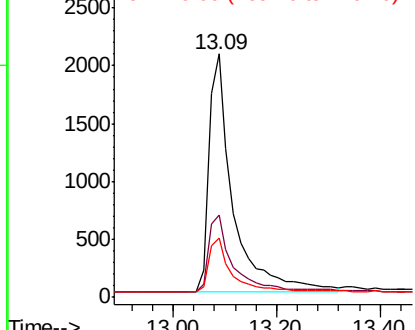
#15
2-Fluorobiphenyl
Concen: 0.675 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098919.D
Acq: 13 Mar 2019 19:39

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 6690
Ion Ratio Lower Upper
172 100
171 33.8 28.0 42.0
170 24.2 17.7 26.5

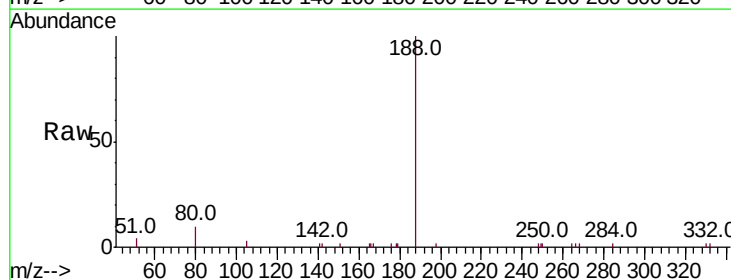


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

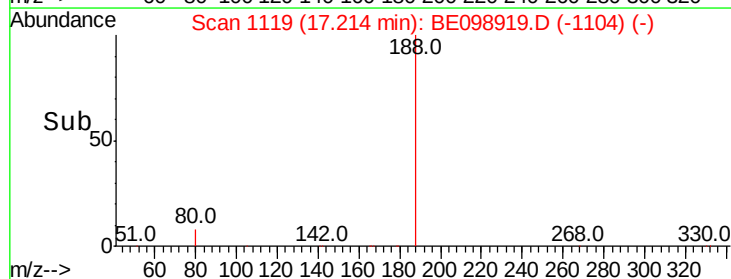
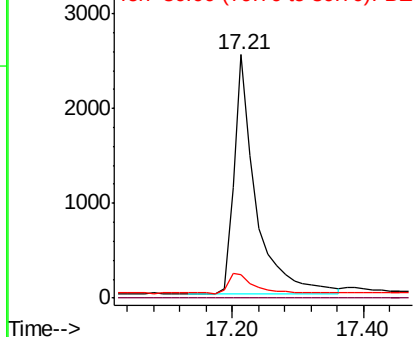


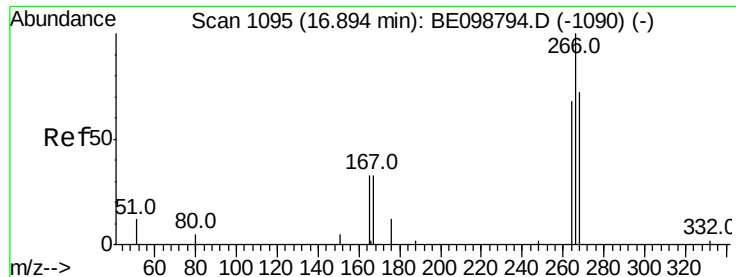
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098919.D
Acq: 13 Mar 2019 19:39

Tgt Ion:188 Resp: 5851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 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: 0.272 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

Instrument :

BNA_E

ClientSampled :

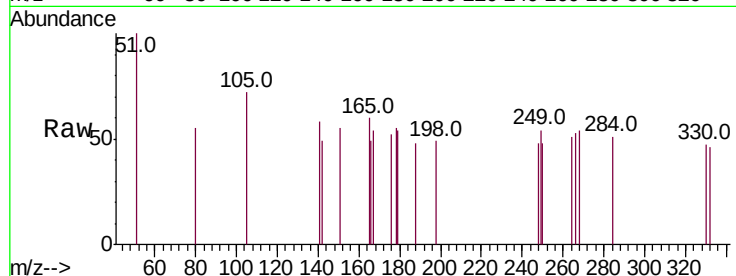
Tot Ion:266 Resp: 9

Ion Ratio Lower Upper

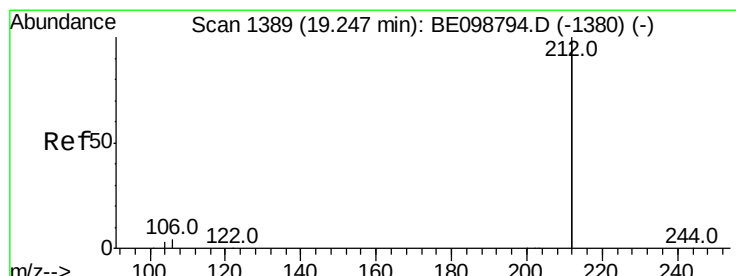
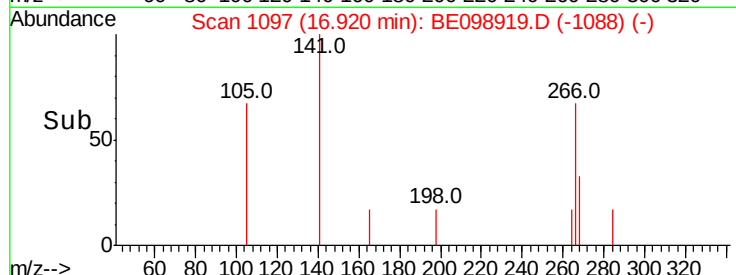
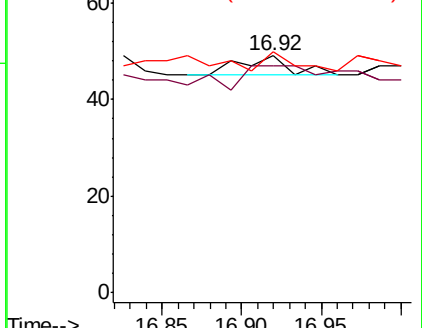
266 100

264 95.9 66.6 100.0

268 102.0 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: 0.321 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098919.D

Acq: 13 Mar 2019 19:39

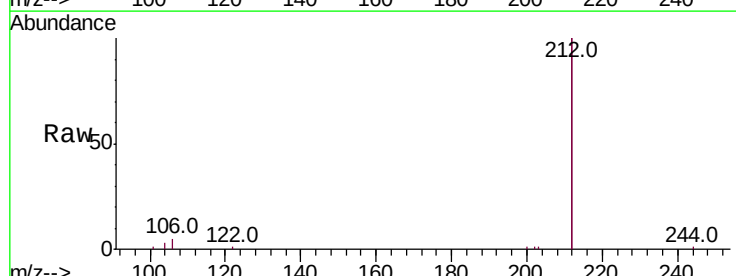
Tgt Ion:212 Resp: 29962

Ion Ratio Lower Upper

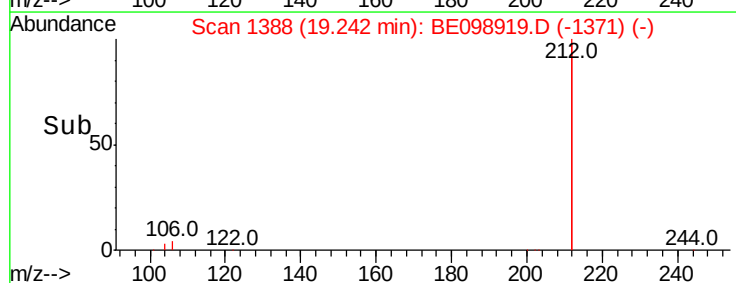
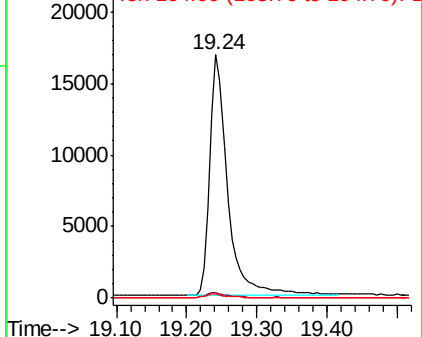
212 100

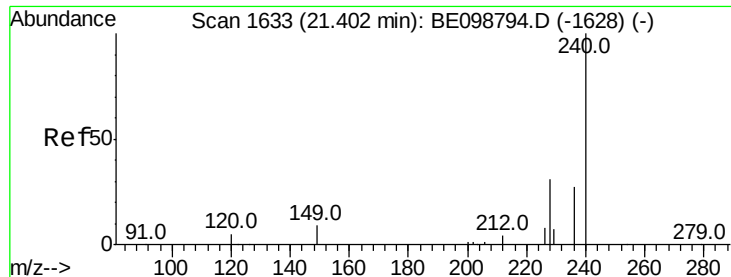
106 2.3 1.8 2.8

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

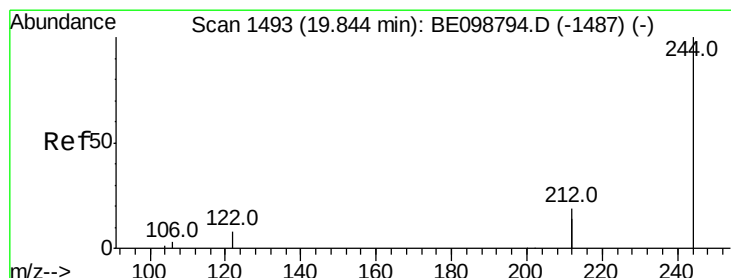
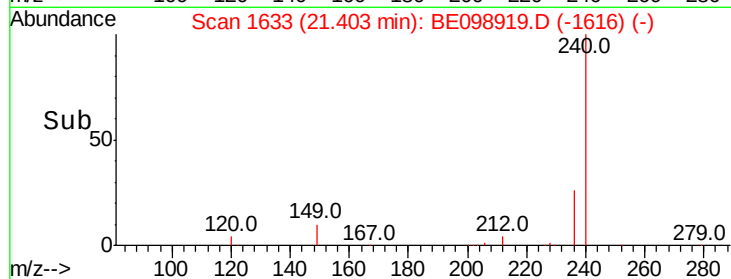
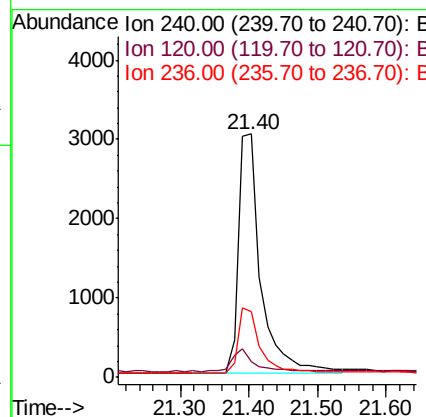
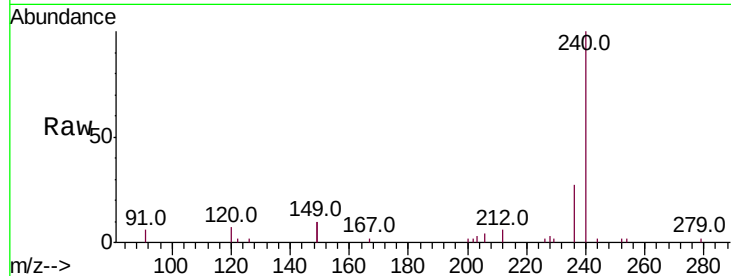




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098919.D
 Acq: 13 Mar 2019 19:39

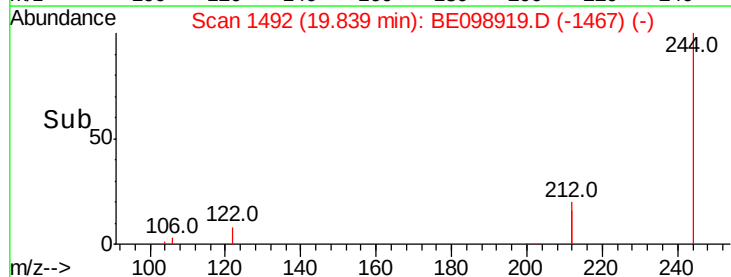
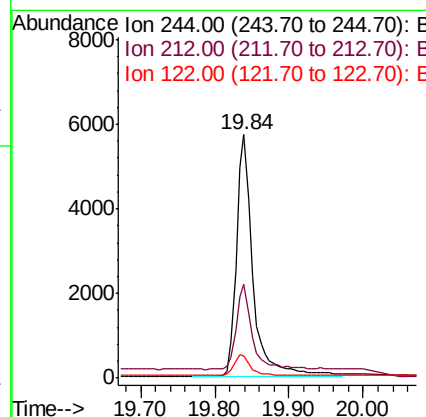
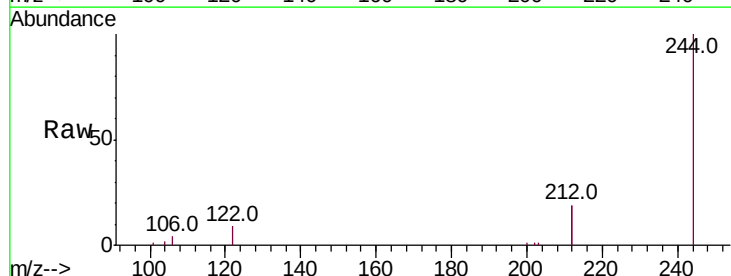
Instrument :
 BNA_E
 ClientSampleId :

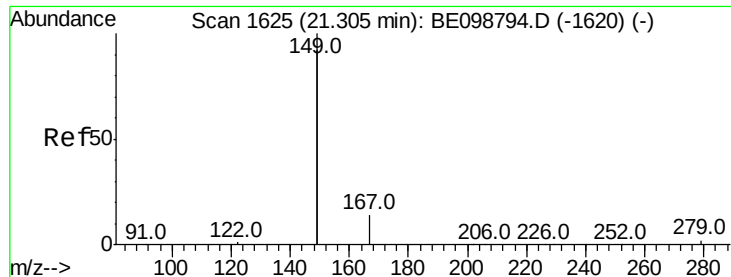
Tot Ion:240 Resp: 6859
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.0 7.4
 236 27.2 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.527 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098919.D
 Acq: 13 Mar 2019 19:39

Tgt Ion:244 Resp: 8790
 Ion Ratio Lower Upper
 244 100
 212 38.8 29.4 44.2
 122 8.9 7.1 10.7

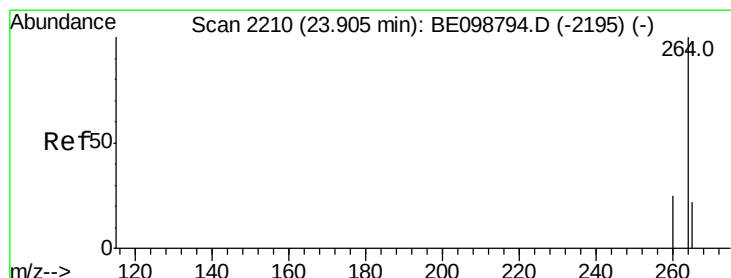
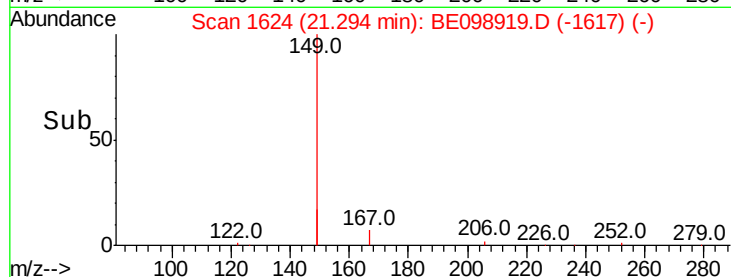
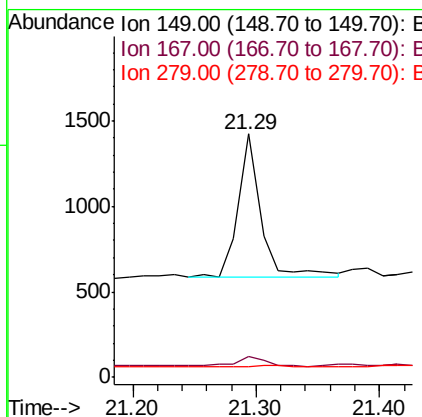
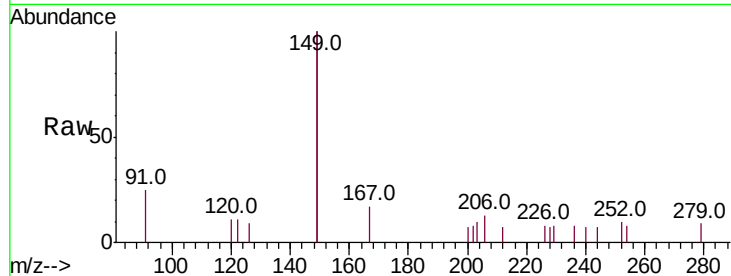




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.024 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098919.D
 Acq: 13 Mar 2019 19:39

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1089
 Ion Ratio Lower Upper
 149 100
 167 9.4 5.4 8.0#
 279 2.2 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098919.D
 Acq: 13 Mar 2019 19:39

Tgt Ion:264 Resp: 6806
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.2 31.8
 265 28.1 24.6 36.8

