

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098969.D
 Acq On : 15 Mar 2019 12:11
 Operator : JU/SJ
 Sample : K1882-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 14:29:07 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

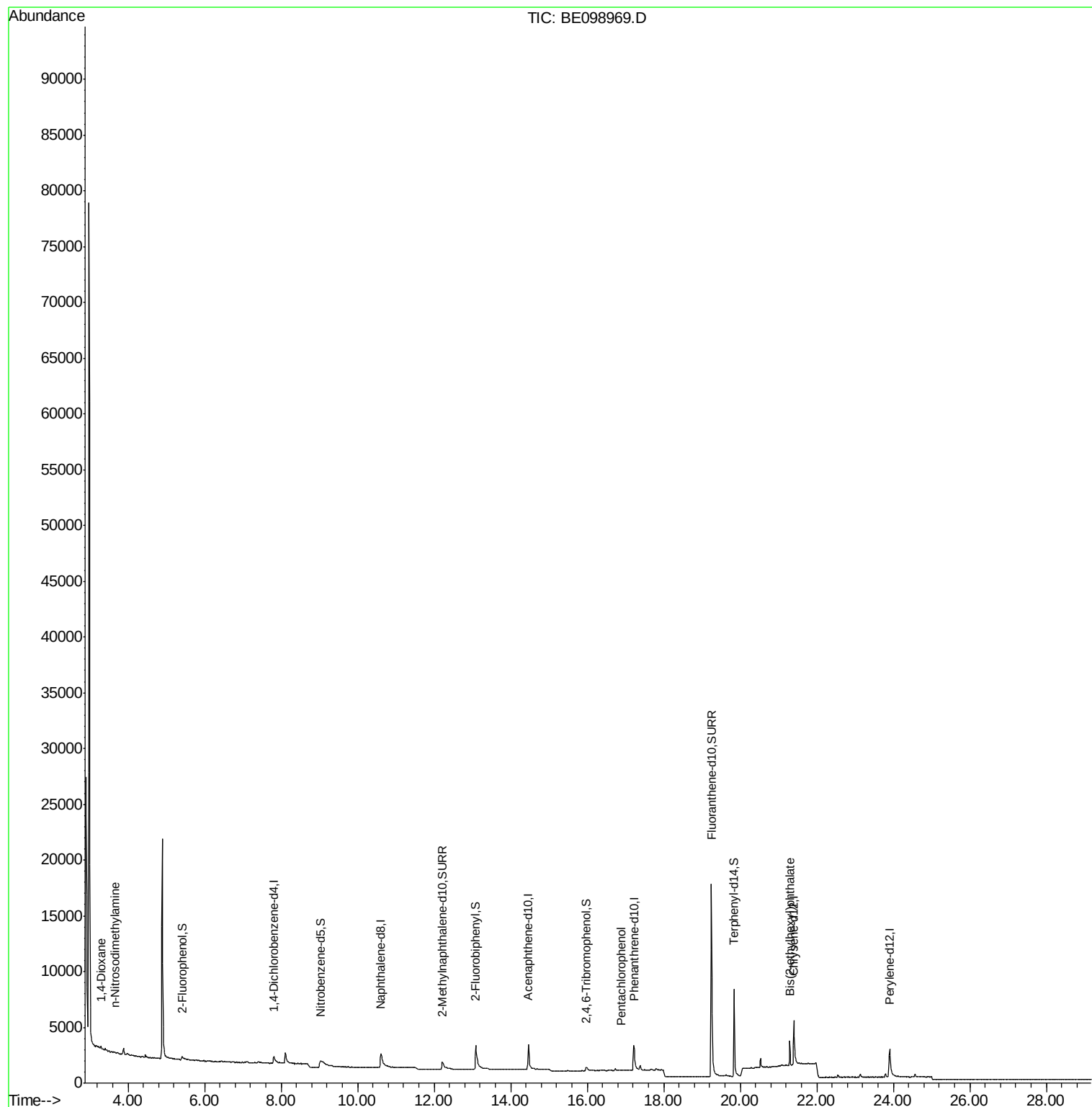
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	692	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3222	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2242	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5327	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6070	0.40	ng	0.00
34) Perylene-d12	23.90	264	5627	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	349	0.17	ng	0.04
5) Phenol-d6	6.97	99	6	0.00	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1021	0.30	ng	0.07
11) 2-Methylnaphthalene-d10	12.21	152	2158	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	352	0.31	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	4601	0.50	ng	0.00
25) Fluoranthene-d10	19.25	212	32005	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	8203	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	167	0.052	ng	# 67
3) n-Nitrosodimethylamine	3.65	42	43	0.025	ng	# 20
22) Pentachlorophenol	16.89	266	10	0.273	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	2635	0.065	ng	# 99

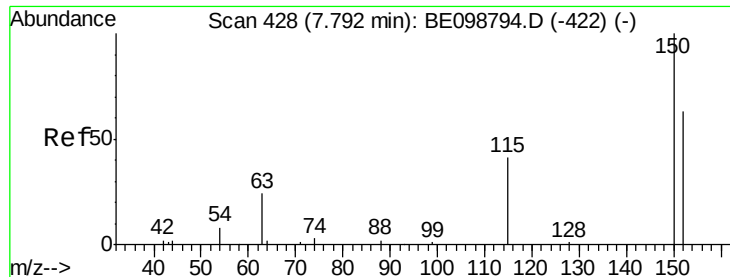
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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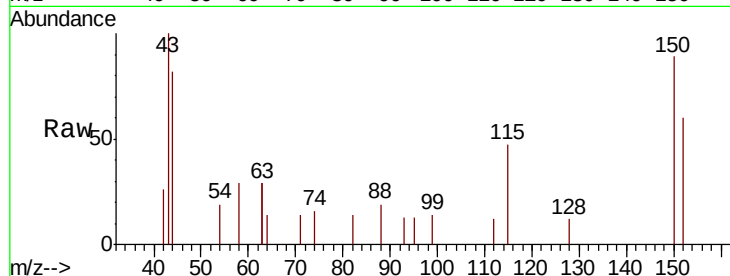


#1

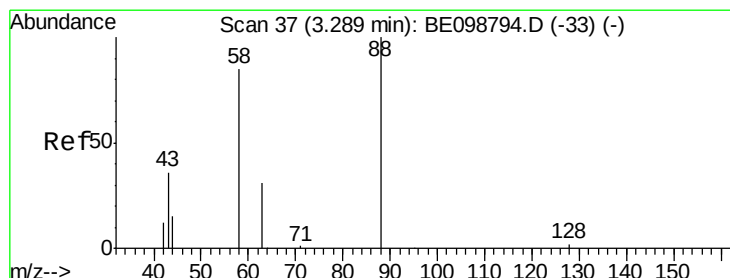
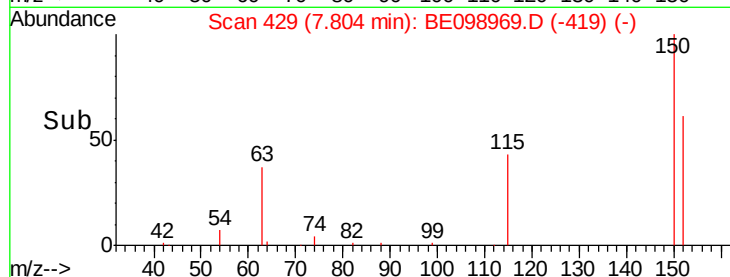
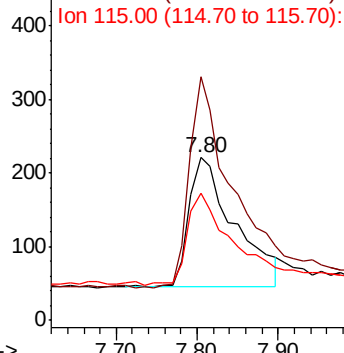
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098969.D
Acq: 15 Mar 2019 12:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 692
Ion Ratio Lower Upper
152 100
150 149.8 122.5 183.7
115 78.3 57.4 86.2



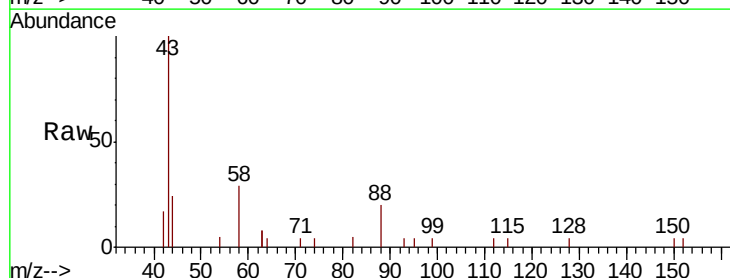
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



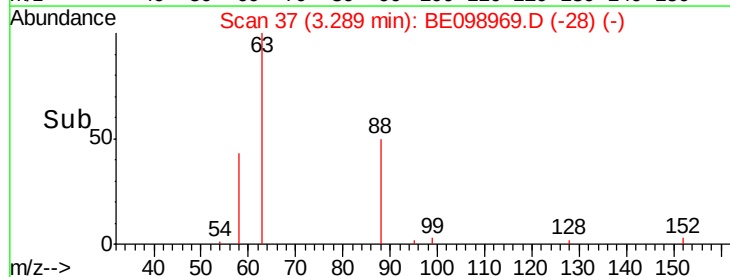
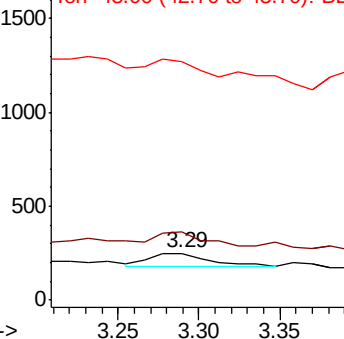
#2

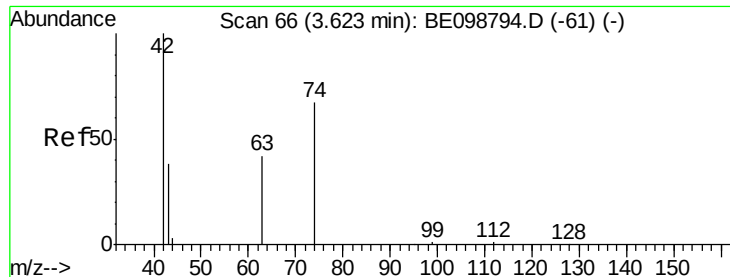
1,4-Dioxane
Concen: 0.052 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098969.D
Acq: 15 Mar 2019 12:11

Tgt Ion: 88 Resp: 167
Ion Ratio Lower Upper
88 100
58 85.0 75.8 113.6
43 0.0 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: 0.025 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.02 min

Lab File: BE098969.D

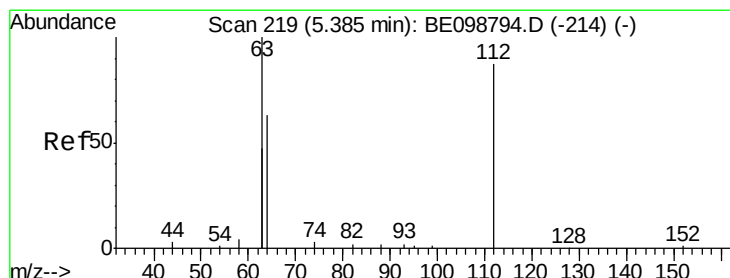
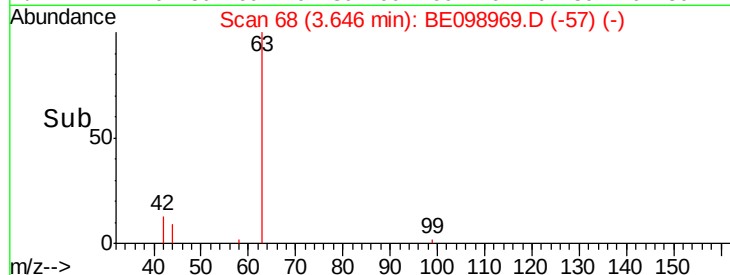
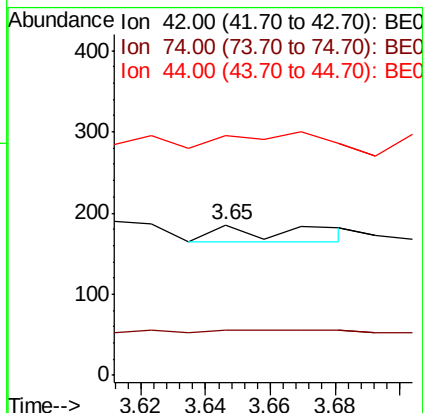
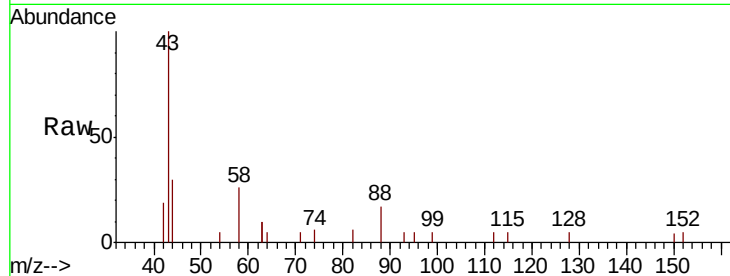
Acq: 15 Mar 2019 12:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	43
Ion	Ratio	Lower	Upper
42	100		
74	4.7	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.169 ng

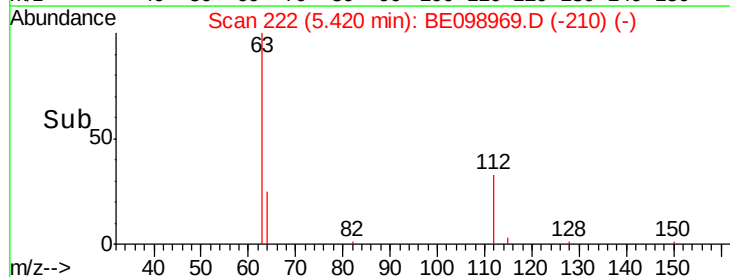
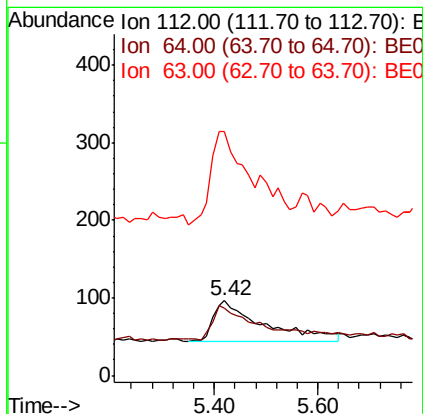
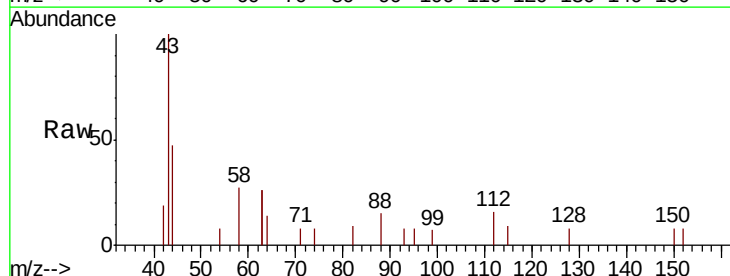
RT: 5.42 min Scan# 222

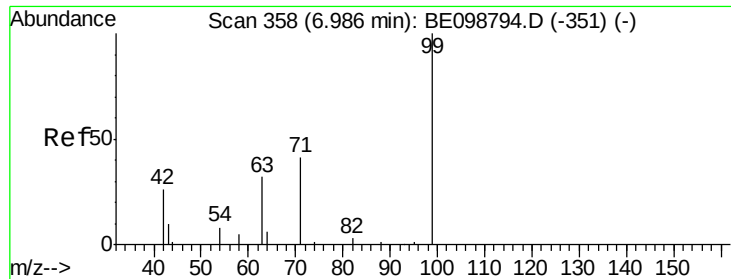
Delta R.T. 0.04 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

Tgt Ion:	112	Resp:	349
Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.9	86.9
63	196.8	158.3	237.5





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

Instrument :

BNA_E

ClientSampled :

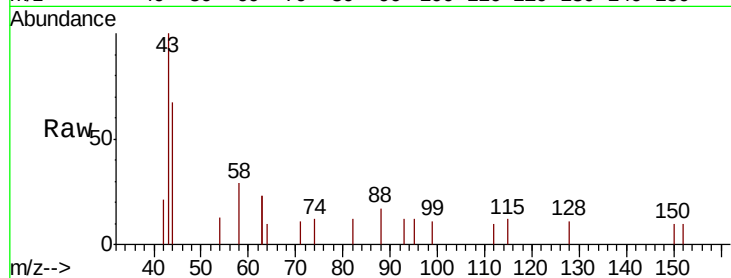
Tot Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

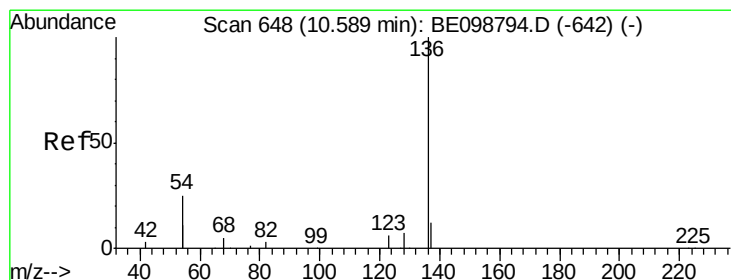
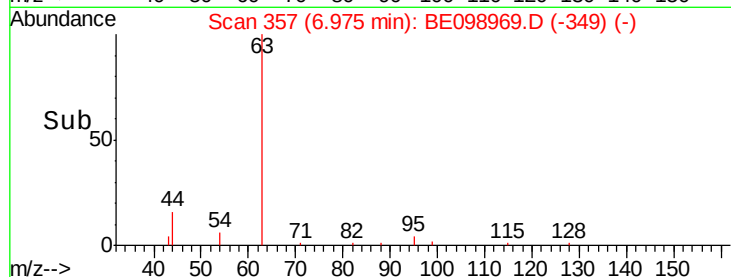
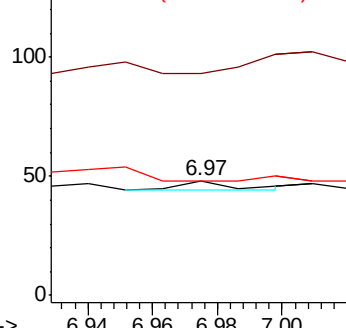
71 0.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

Tgt Ion: 136 Resp: 3222

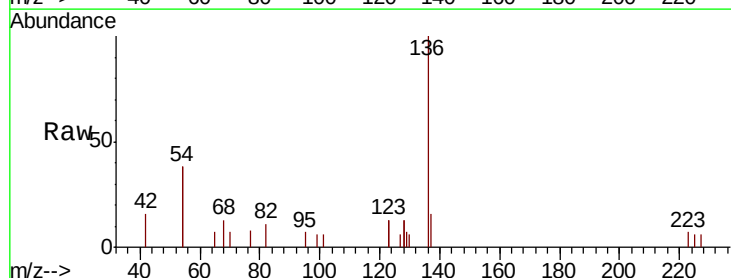
Ion Ratio Lower Upper

136 100

137 16.2 11.4 17.0

54 76.8 39.3 58.9#

68 12.6 6.7 10.1#

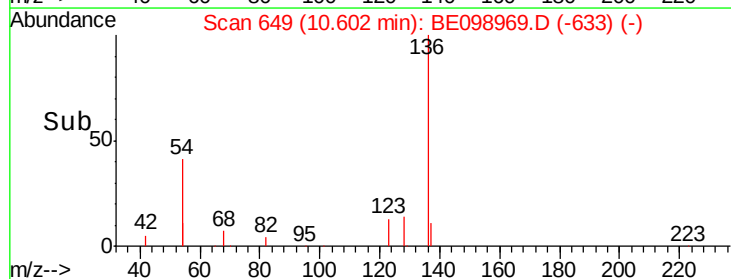
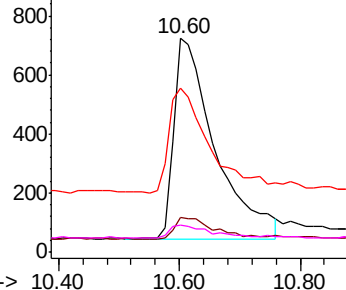


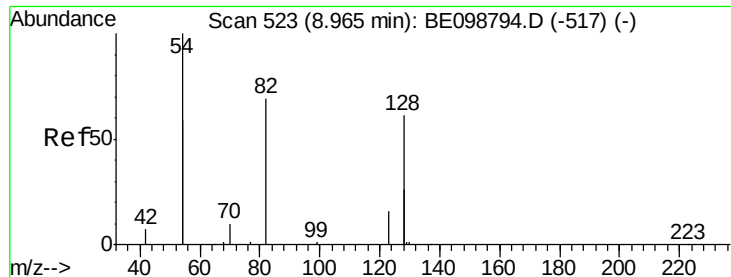
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.302 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.07 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

Instrument :

BNA_E

ClientSampleId :

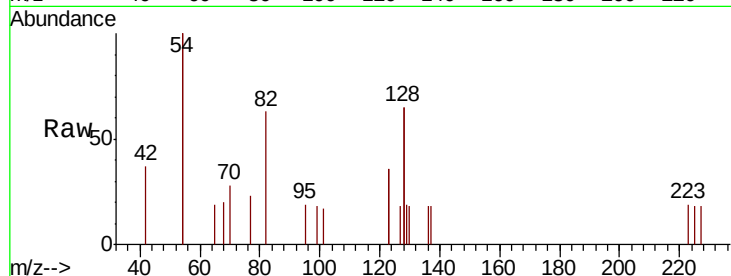
Tot Ion: 82 Resp: 1021

Ion Ratio Lower Upper

82 100

128 205.0 123.8 185.8#

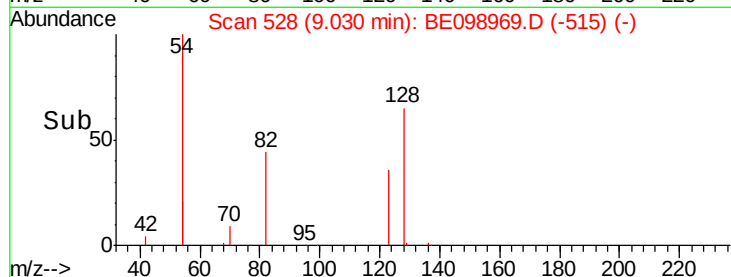
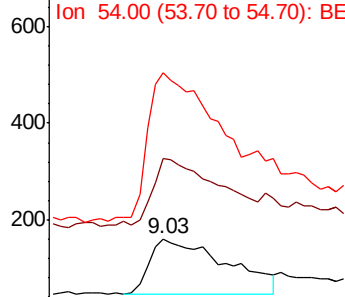
54 315.0 203.4 305.2#



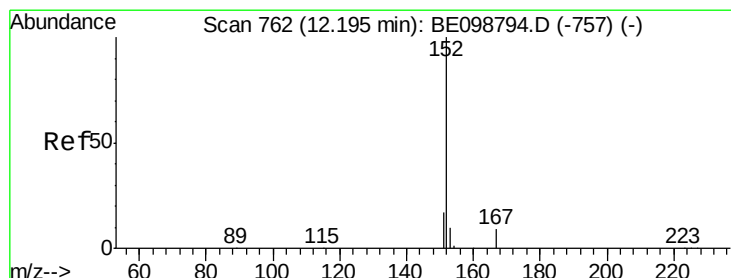
Abundance Ion 82.00 (81.70 to 82.70): BE098794.D (-517) (-)

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

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



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098969.D

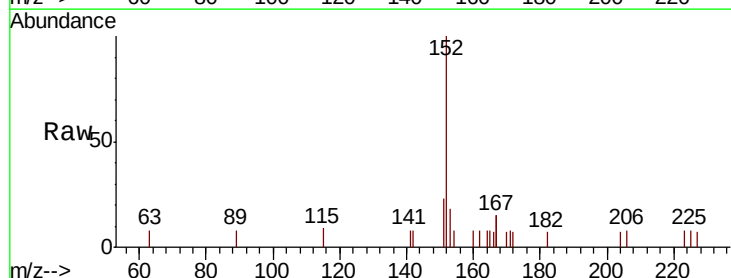
Acq: 15 Mar 2019 12:11

Tgt Ion: 152 Resp: 2158

Ion Ratio Lower Upper

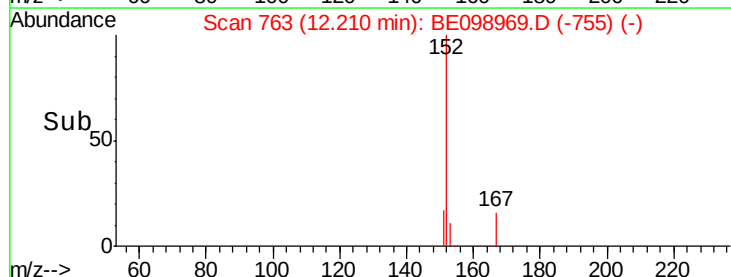
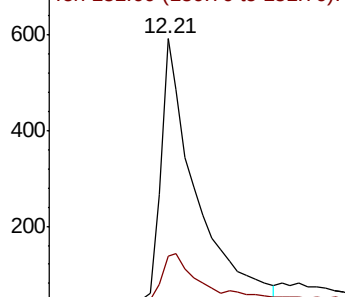
152 100

151 20.9 16.5 24.7

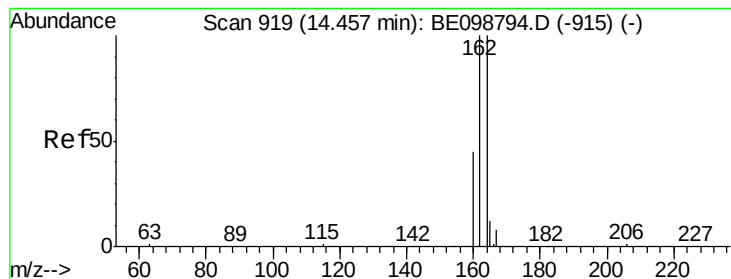


Abundance Ion 152.00 (151.70 to 152.70): BE098794.D (-757) (-)

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



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

Instrument :

BNA_E

ClientSampleId :

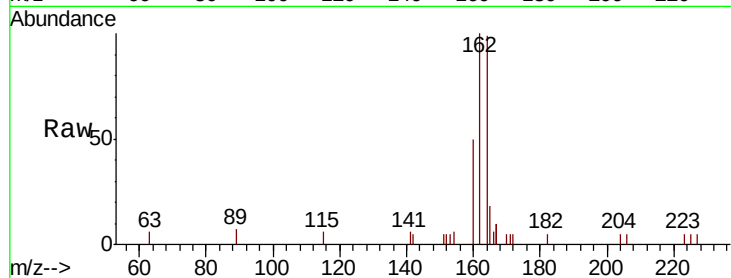
Tot Ion:164 Resp: 2242

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

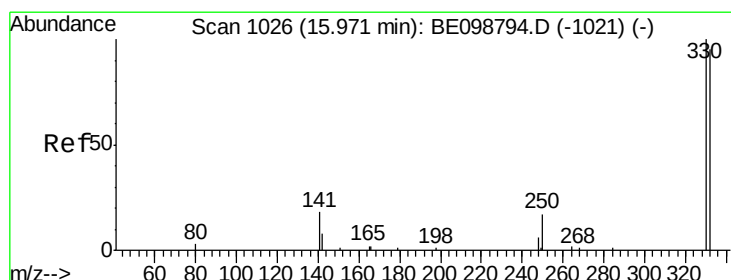
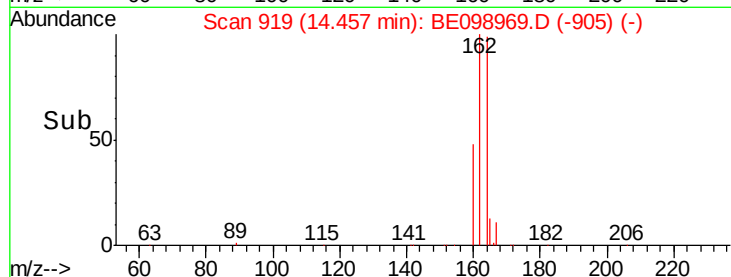
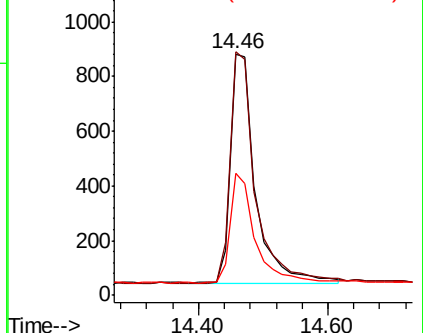
160 50.8 37.8 56.8



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: 0.311 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

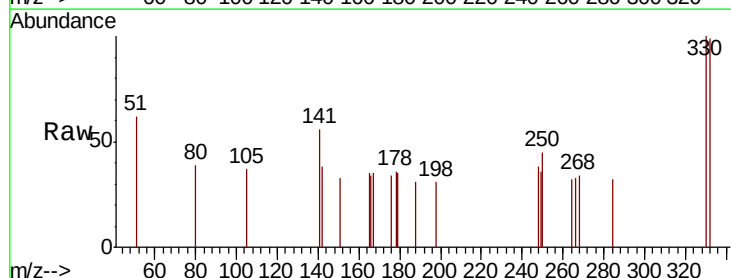
Tgt Ion:330 Resp: 352

Ion Ratio Lower Upper

330 100

332 94.3 77.6 116.4

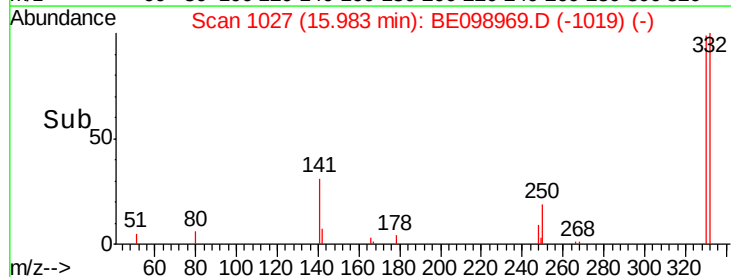
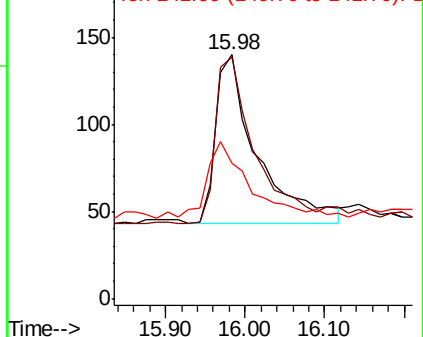
141 44.3 31.0 46.4

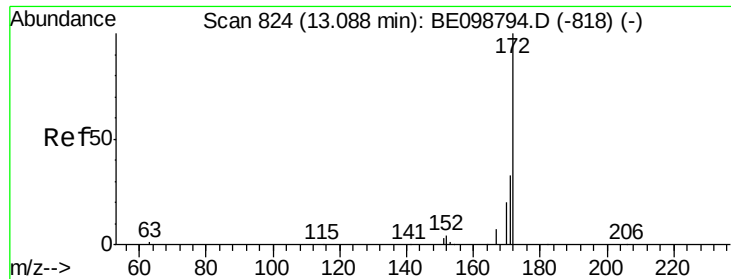


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

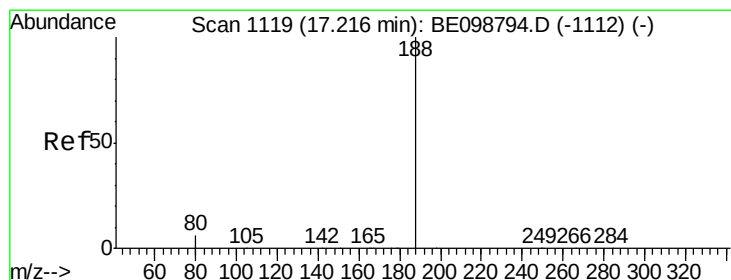
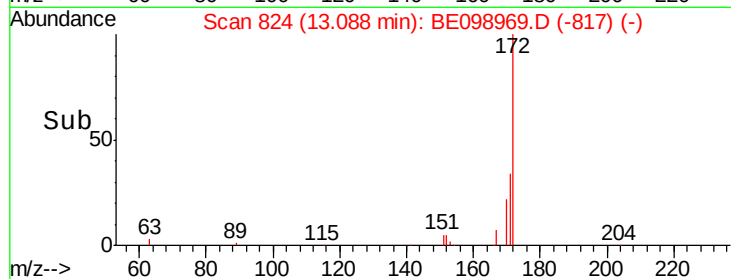
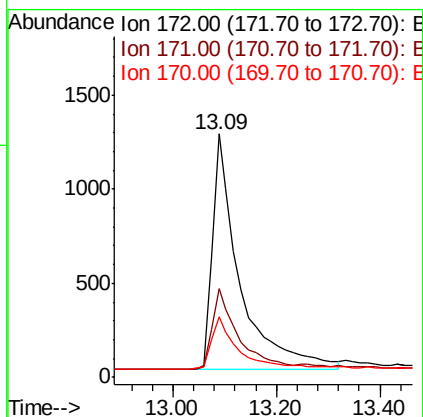
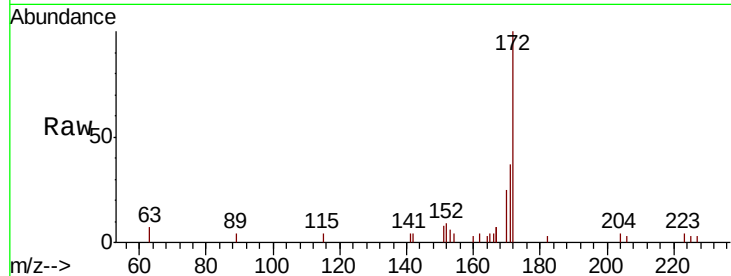




#15
2-Fluorobiphenyl
Concen: 0.496 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098969.D
Acq: 15 Mar 2019 12:11

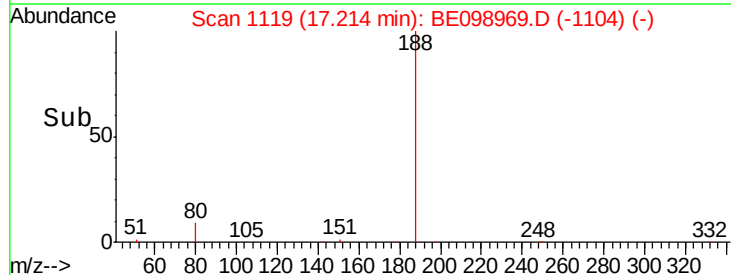
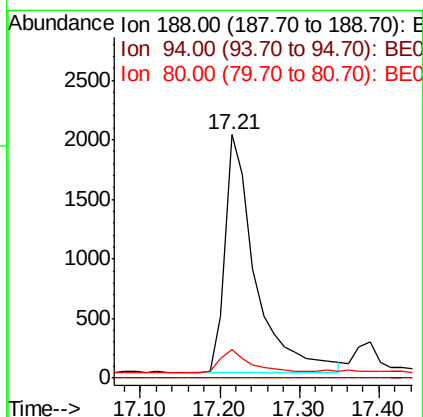
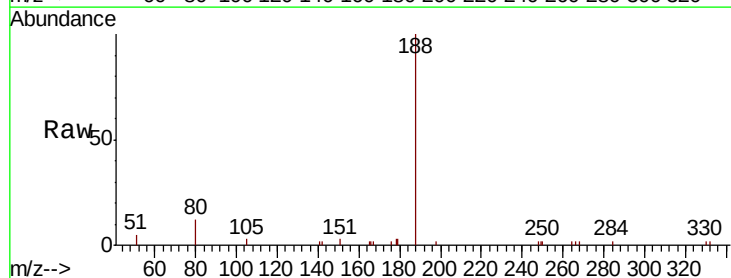
Instrument :
BNA_E
ClientSampleId :

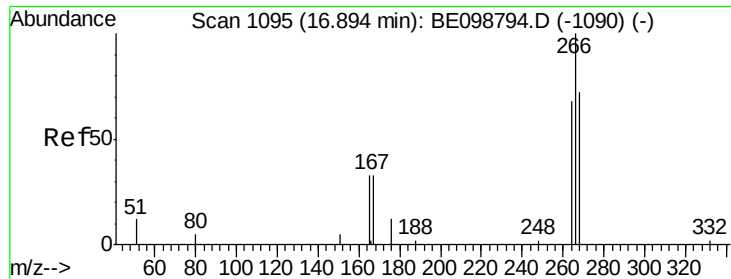
Tot Ion:172 Resp: 4601
Ion Ratio Lower Upper
172 100
171 36.6 28.0 42.0
170 24.7 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098969.D
Acq: 15 Mar 2019 12:11

Tgt Ion:188 Resp: 5327
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.273 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

Instrument :

BNA_E

ClientSampleId :

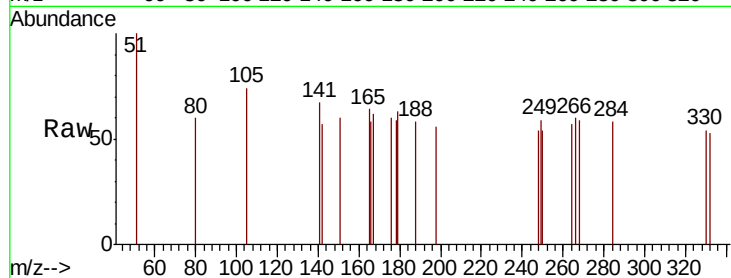
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

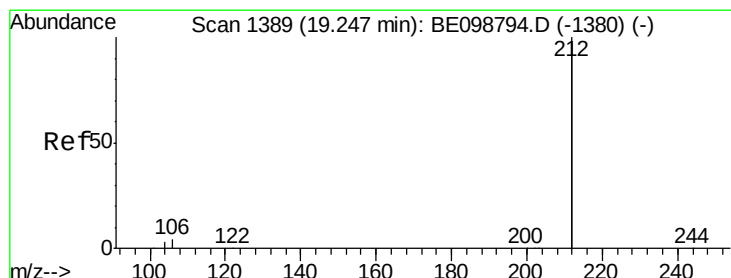
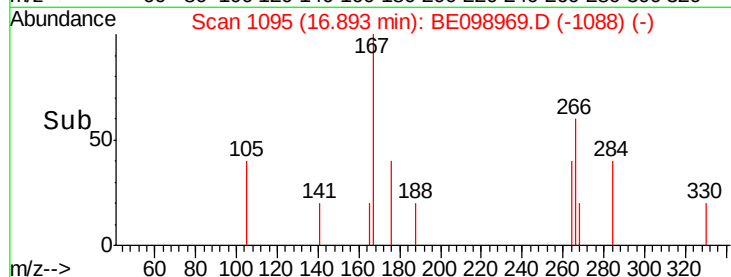
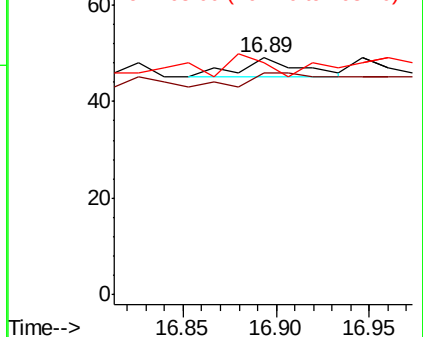
266 100

264 93.9 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: 0.376 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098969.D

Acq: 15 Mar 2019 12:11

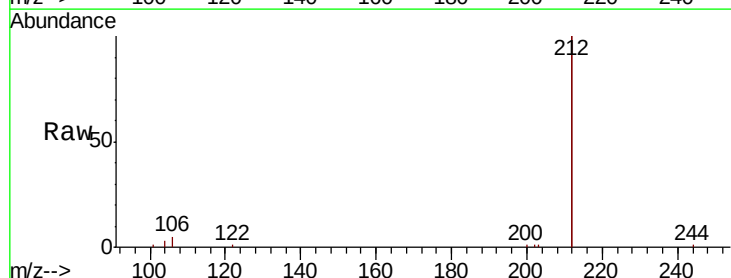
Tgt Ion:212 Resp: 32005

Ion Ratio Lower Upper

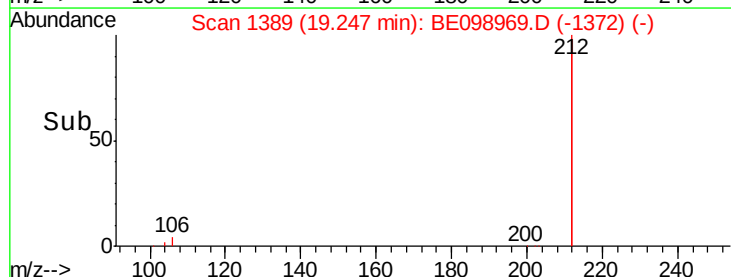
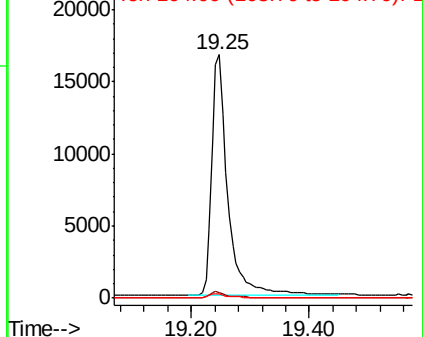
212 100

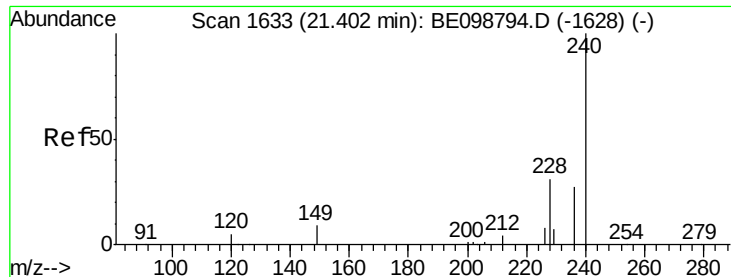
106 2.3 1.8 2.8

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

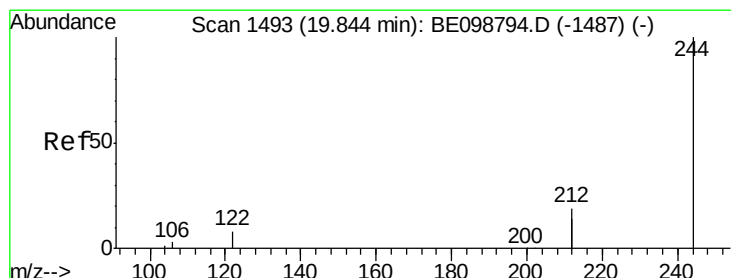
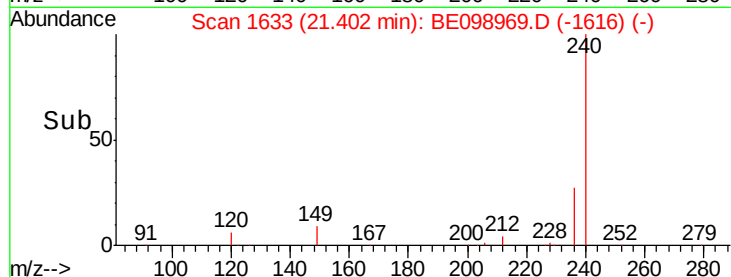
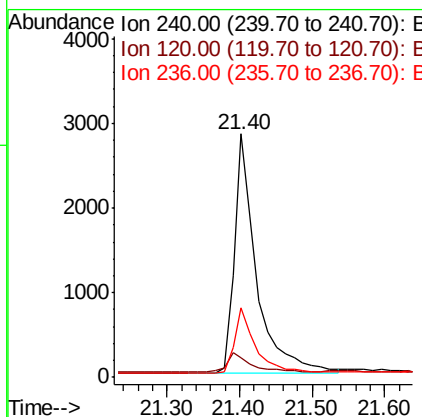
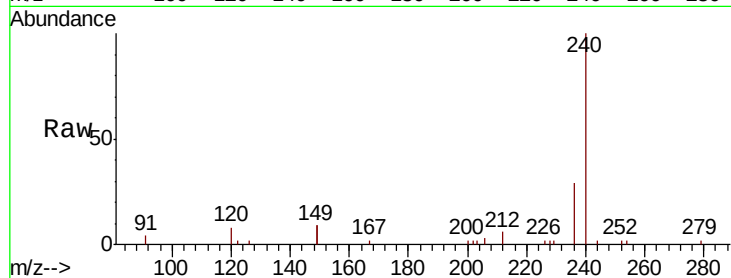




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098969.D
Acq: 15 Mar 2019 12:11

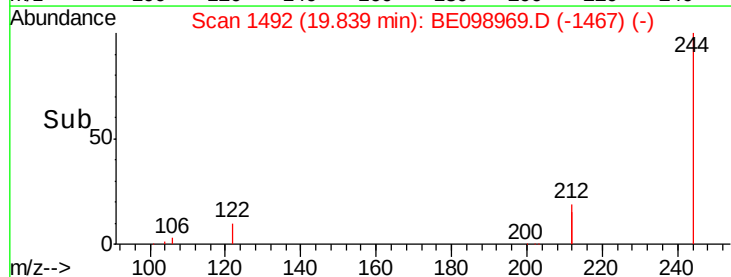
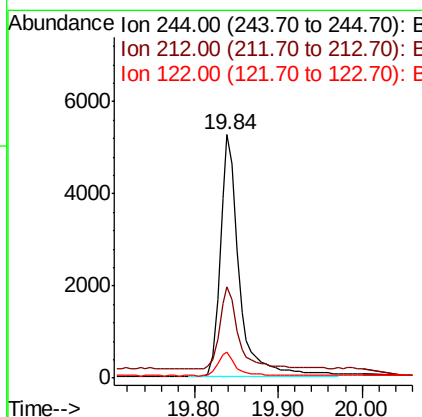
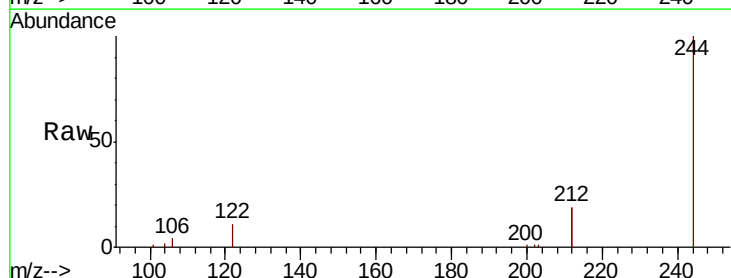
Instrument :
BNA_E
ClientSampleId :

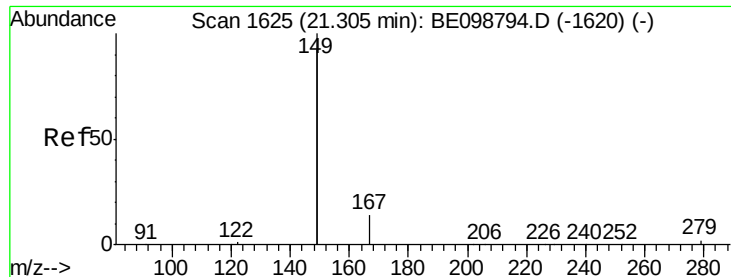
Tot Ion:240 Resp: 6070
Ion Ratio Lower Upper
240 100
120 7.9 5.0 7.4#
236 28.7 22.7 34.1



#29
Terphenyl-d14
Concen: 0.556 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098969.D
Acq: 15 Mar 2019 12:11

Tgt Ion:244 Resp: 8203
Ion Ratio Lower Upper
244 100
212 37.7 29.4 44.2
122 10.6 7.1 10.7

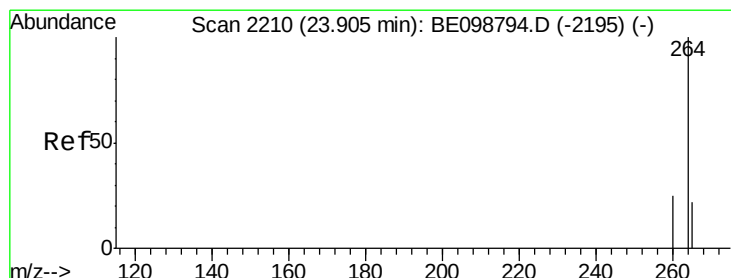
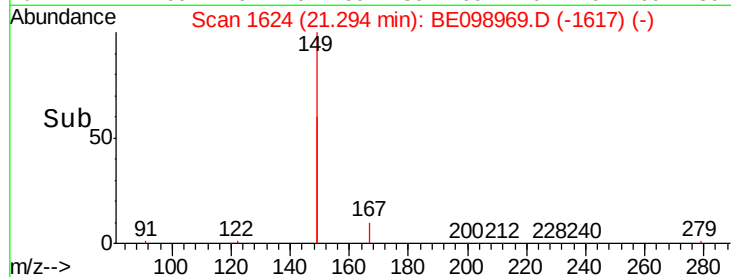
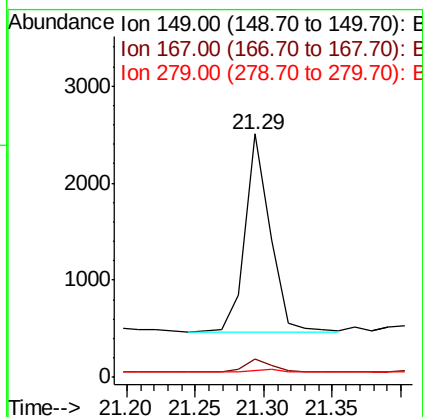
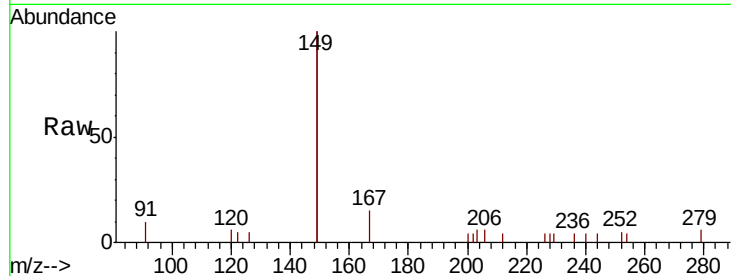




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098969.D
 Acq: 15 Mar 2019 12:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2635
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.5 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098969.D
 Acq: 15 Mar 2019 12:11

Tgt Ion:264 Resp: 5627
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 31.2 24.6 36.8

