

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098920.D
 Acq On : 13 Mar 2019 20:15
 Operator : JU/SJ
 Sample : K1856-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:41 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

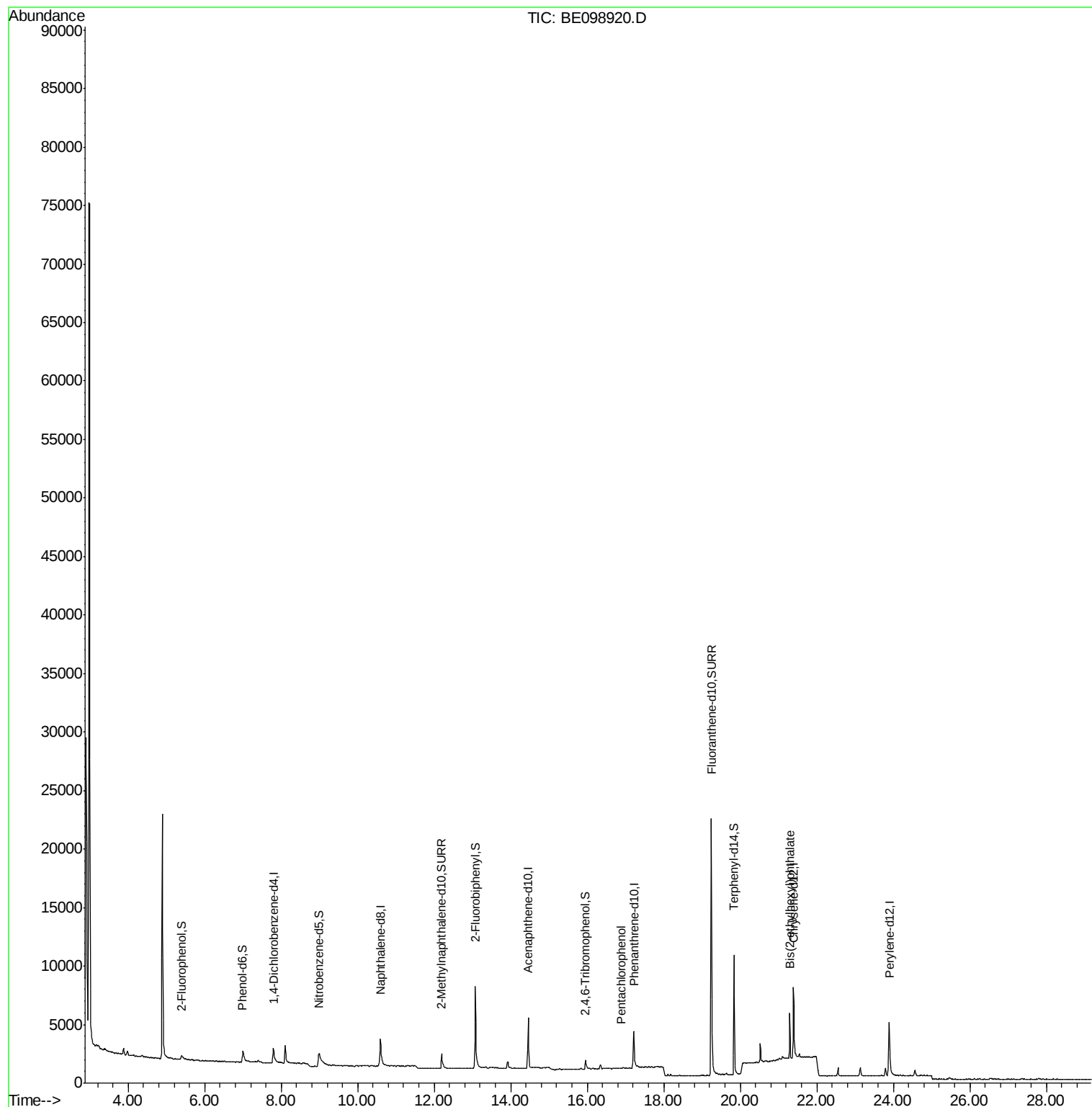
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	903	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3899	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2765	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7113	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8090	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7882	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	395	0.15	ng	0.01
5) Phenol-d6	6.99	99	372	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	1377	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2501	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	648	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	8676	0.76	ng	-0.01
25) Fluoranthene-d10	19.24	212	34985	0.31	ng	0.00
29) Terphenyl-d14	19.84	244	9817	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	47	Below Cal	#	67
22) Pentachlorophenol	16.89	266	13	0.273 ng		92
32) Bis(2-ethylhexyl)phthalate	21.29	149	4231	0.079 ng	#	100

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

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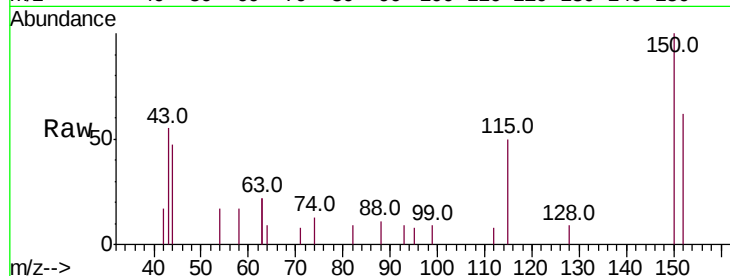


#1

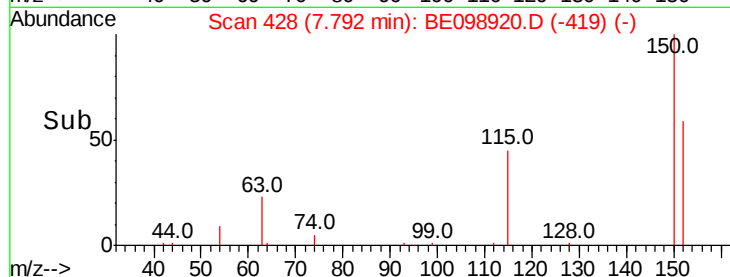
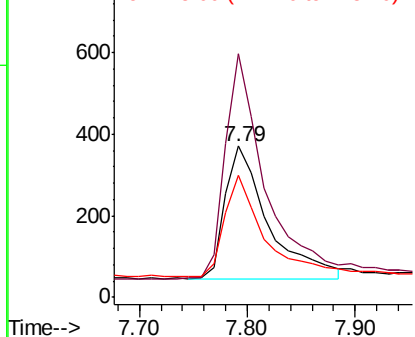
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098920.D
Acq: 13 Mar 2019 20:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 903
Ion Ratio Lower Upper
152 100
150 161.4 122.5 183.7
115 80.8 57.4 86.2



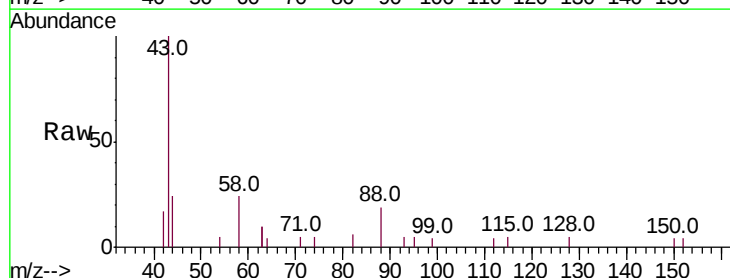
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



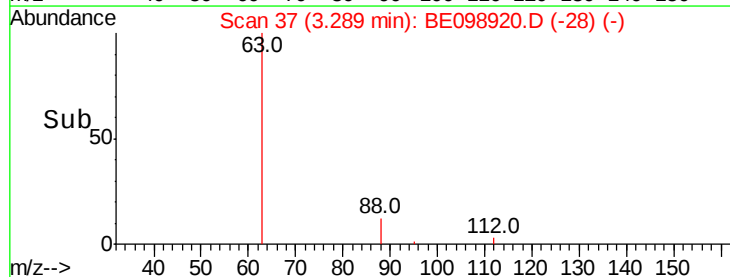
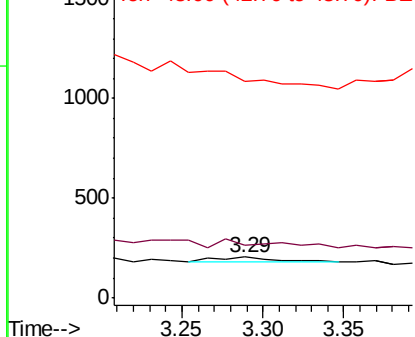
#2

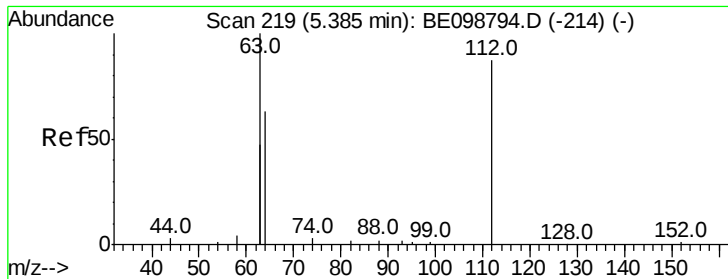
1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098920.D
Acq: 13 Mar 2019 20:15

Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
58 104.3 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





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

Instrument :

BNA_E

ClientSampled :

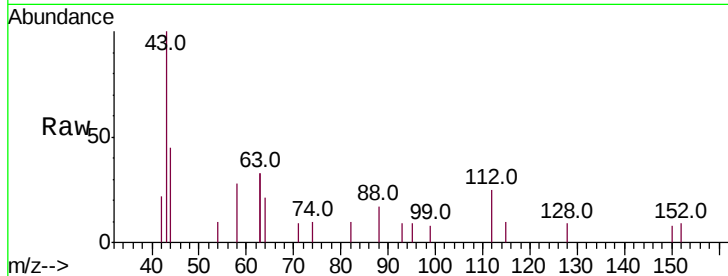
Tot Ion:112 Resp: 395

Ion Ratio Lower Upper

112 100

64 83.0 57.9 86.9

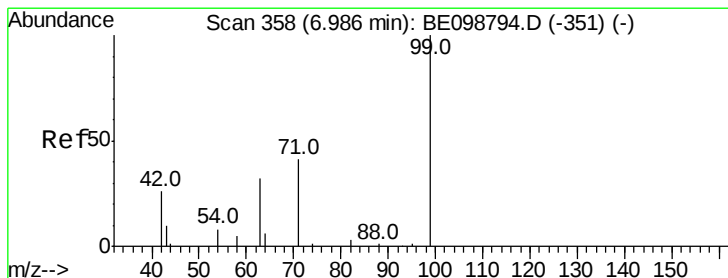
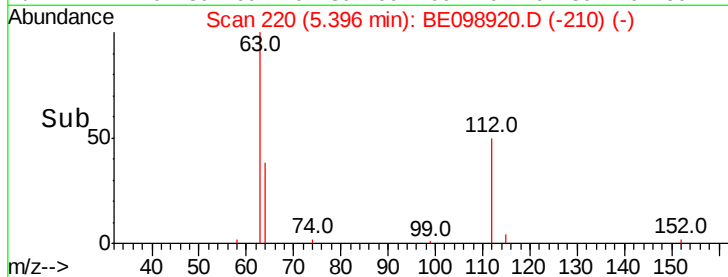
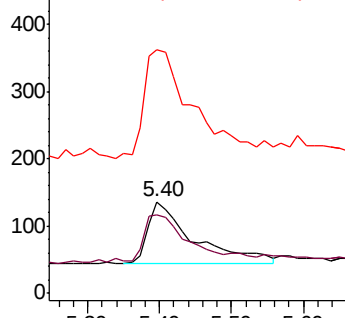
63 197.0 158.3 237.5



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: 0.098 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

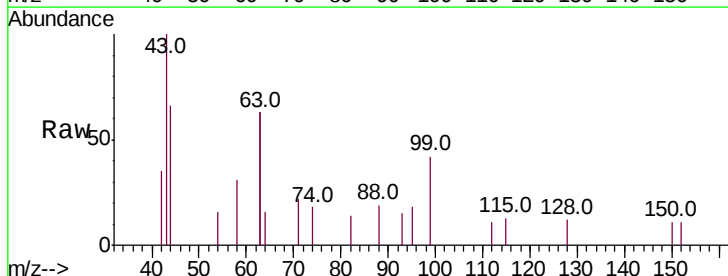
Tgt Ion: 99 Resp: 372

Ion Ratio Lower Upper

99 100

42 47.0 24.2 36.2#

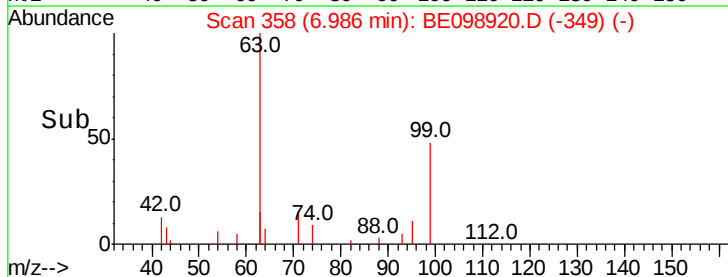
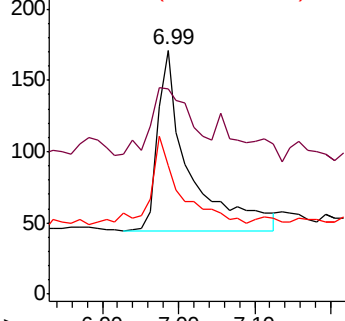
71 40.6 35.7 53.5



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: BE098920.D

Acq: 13 Mar 2019 20:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3899

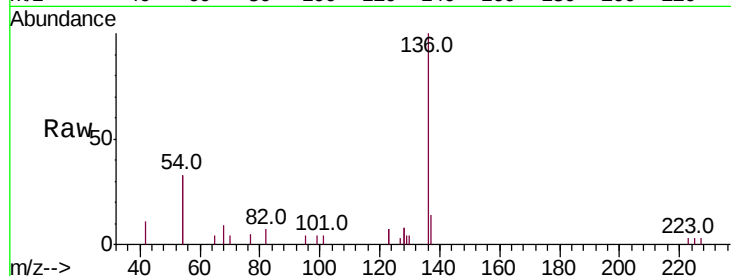
Ion Ratio Lower Upper

136 100

137 13.6 11.4 17.0

54 65.6 39.3 58.9#

68 9.0 6.7 10.1

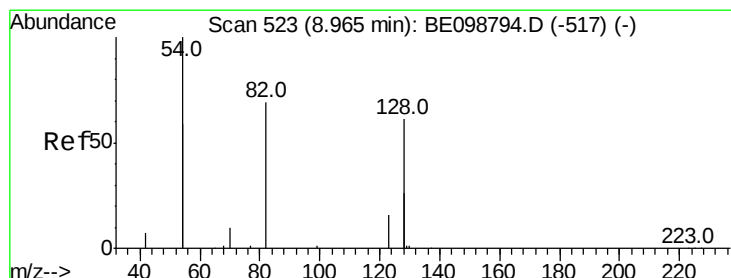
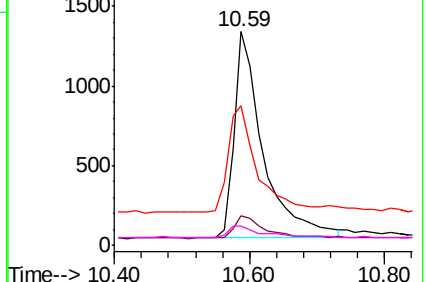
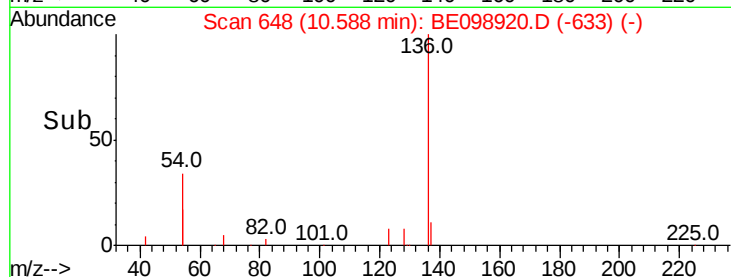


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.337 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

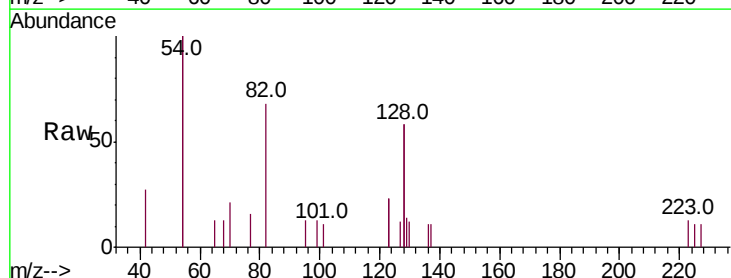
Tgt Ion: 82 Resp: 1377

Ion Ratio Lower Upper

82 100

128 168.7 123.8 185.8

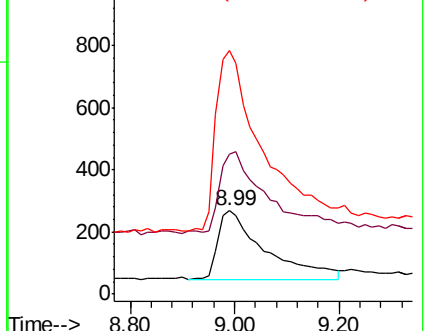
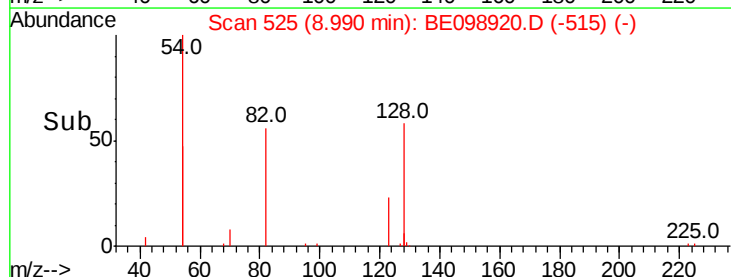
54 292.5 203.4 305.2

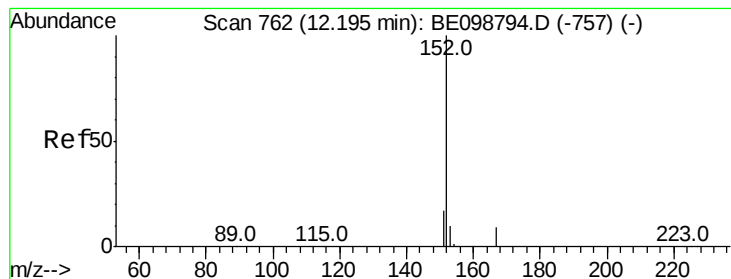


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

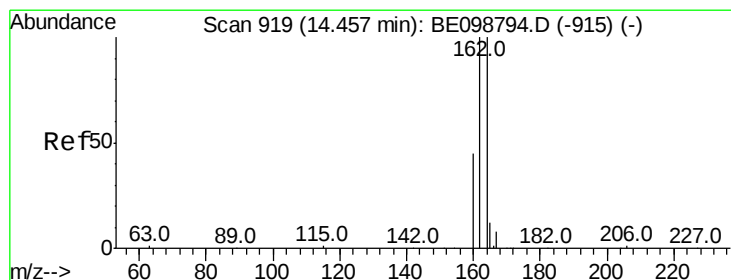
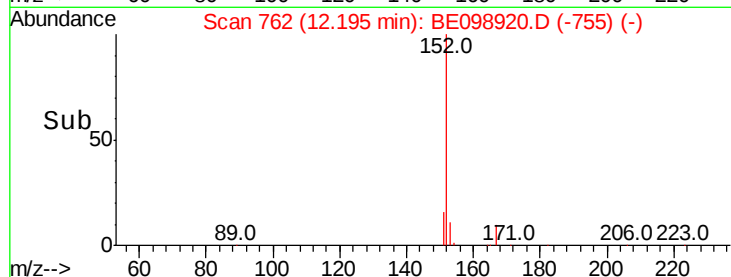
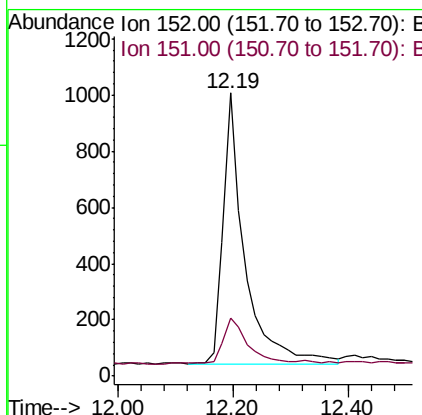
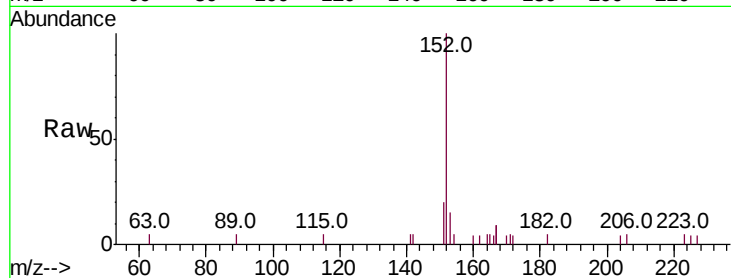




#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098920.D
 Acq: 13 Mar 2019 20:15

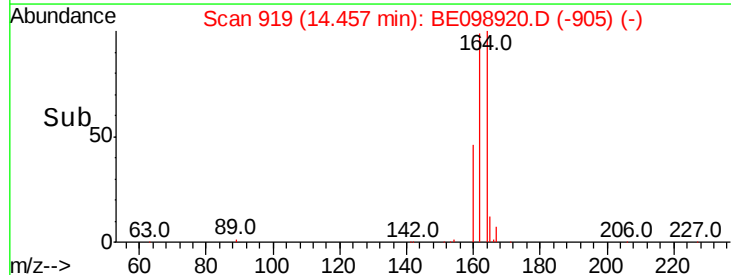
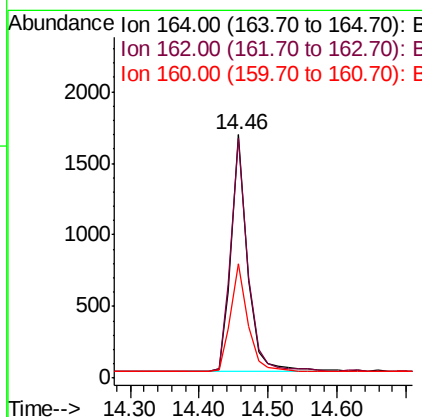
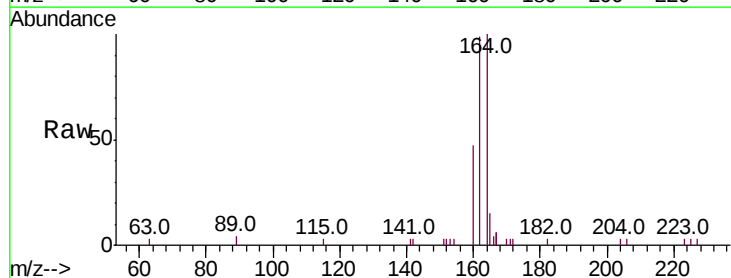
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2501
 Ion Ratio Lower Upper
 152 100
 151 18.4 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098920.D
 Acq: 13 Mar 2019 20:15

Tgt Ion:164 Resp: 2765
 Ion Ratio Lower Upper
 164 100
 162 98.5 80.2 120.2
 160 47.1 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.464 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

Instrument :

BNA_E

ClientSampleId :

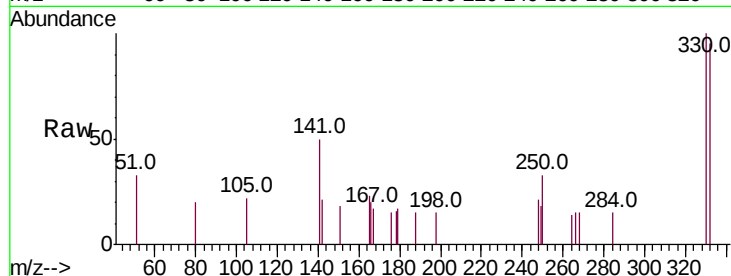
Tot Ion:330 Resp: 648

Ion Ratio Lower Upper

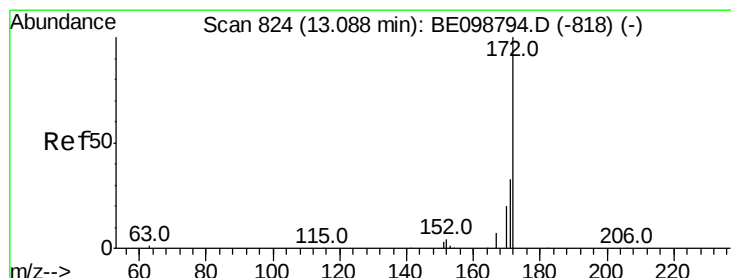
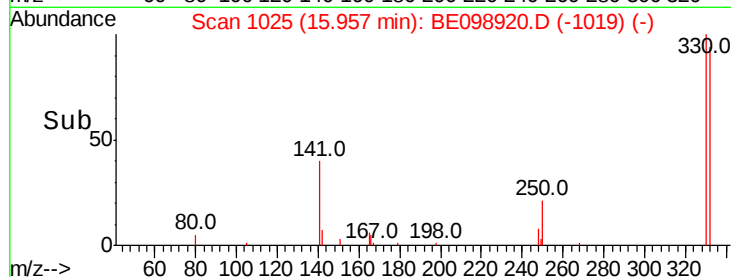
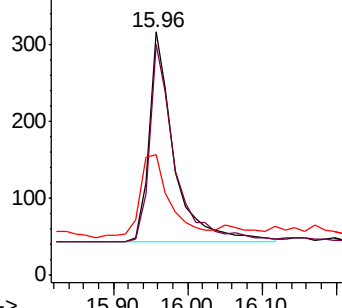
330 100

332 96.1 77.6 116.4

141 44.0 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: 0.758 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

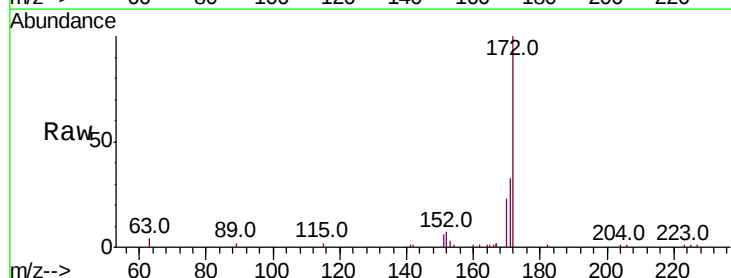
Tgt Ion:172 Resp: 8676

Ion Ratio Lower Upper

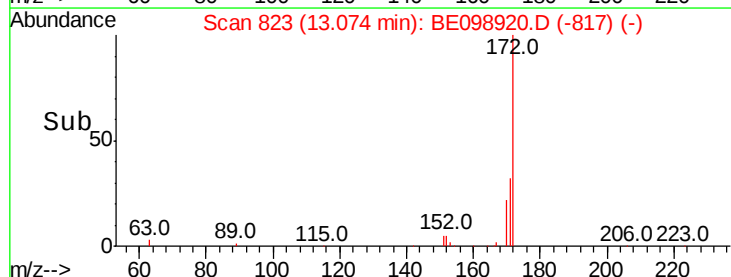
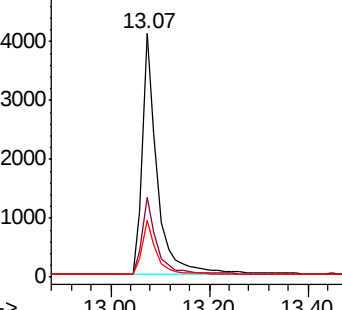
172 100

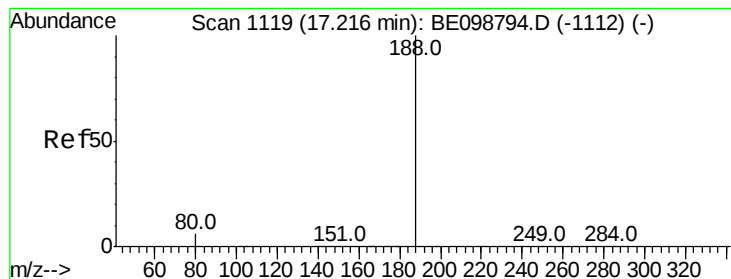
171 33.0 28.0 42.0

170 23.1 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: BE098920.D

Acq: 13 Mar 2019 20:15

Instrument :

BNA_E

ClientSampleId :

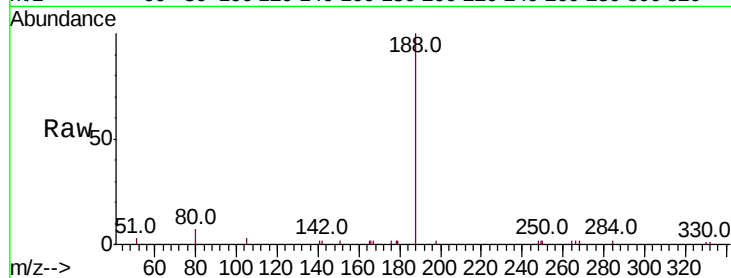
Tot Ion:188 Resp: 7113

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

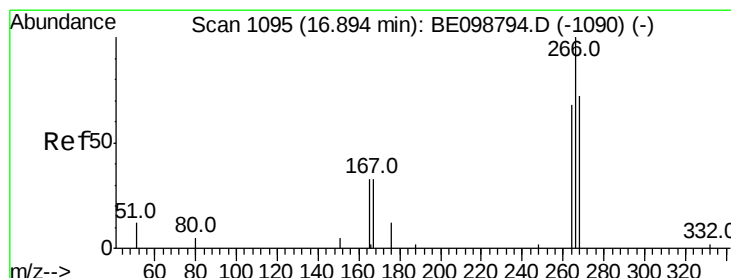
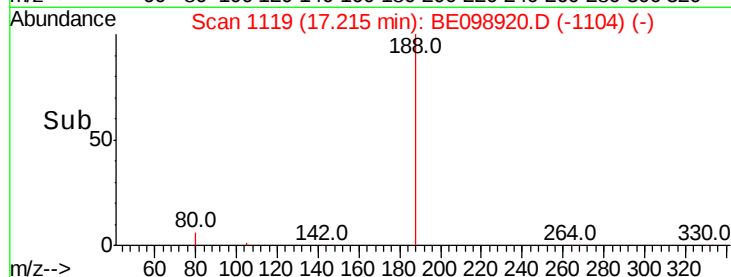
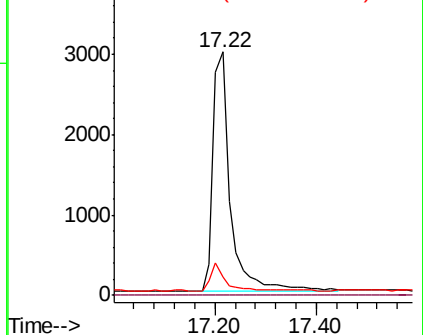
80 7.5 6.3 9.5



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: BE098920.D

Acq: 13 Mar 2019 20:15

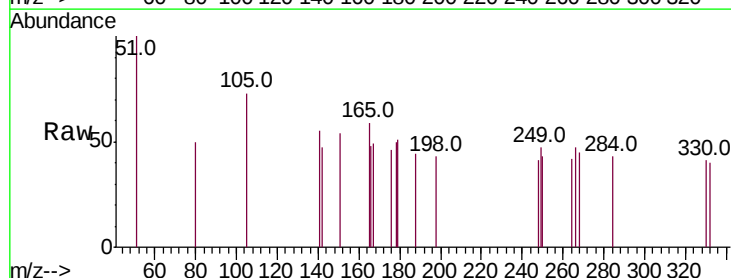
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

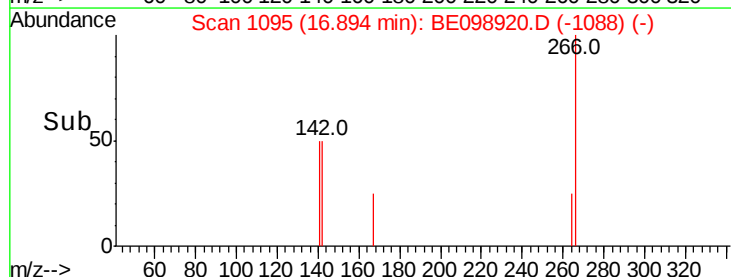
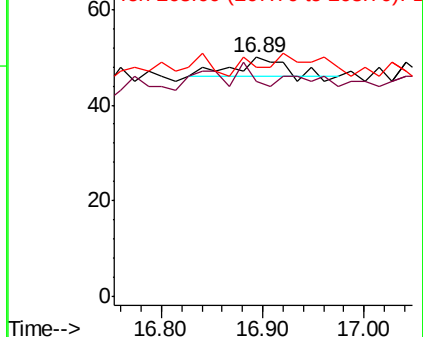
268 96.0 69.8 104.8

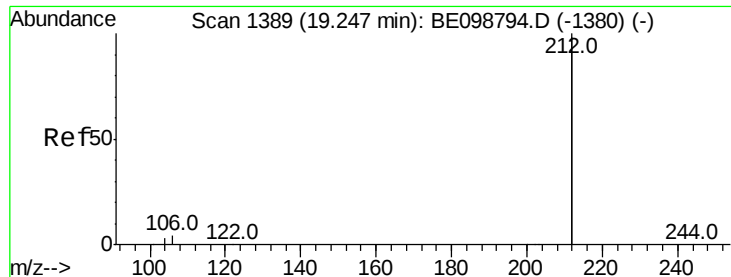


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

Instrument :

BNA_E

ClientSampleId :

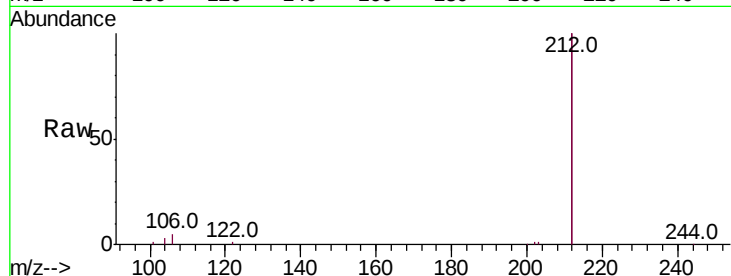
Tot Ion:212 Resp: 34985

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

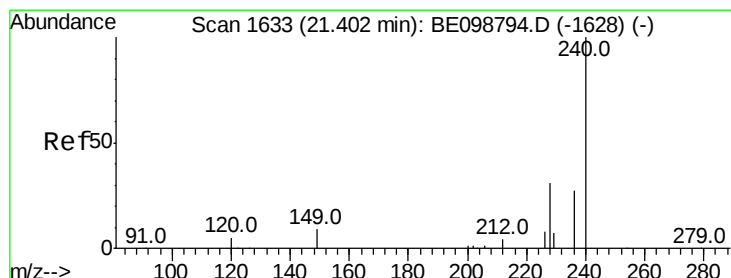
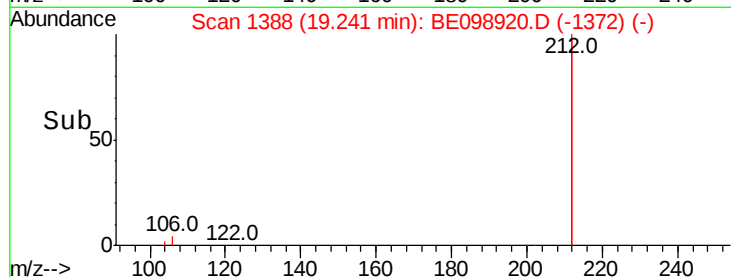
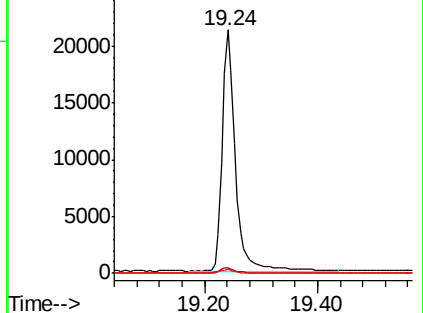
104 1.5 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

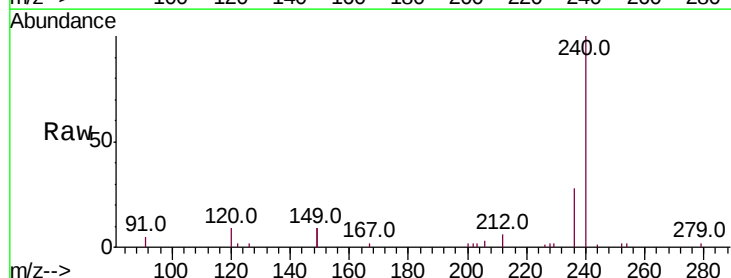
Tgt Ion:240 Resp: 8090

Ion Ratio Lower Upper

240 100

120 9.2 5.0 7.4#

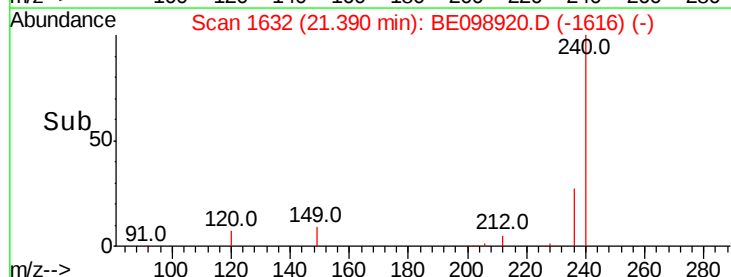
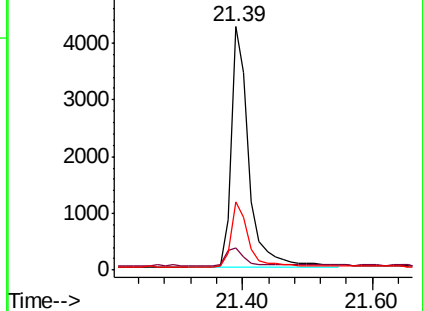
236 28.2 22.7 34.1

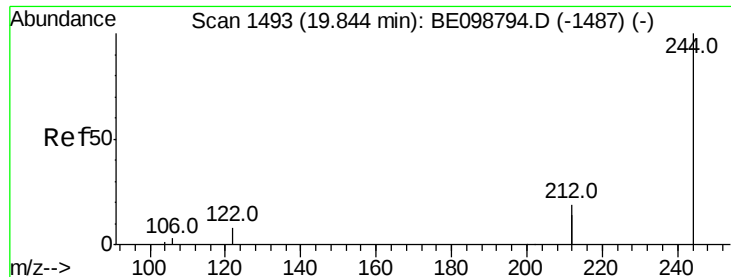


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.499 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

Instrument :

BNA_E

ClientSampleId :

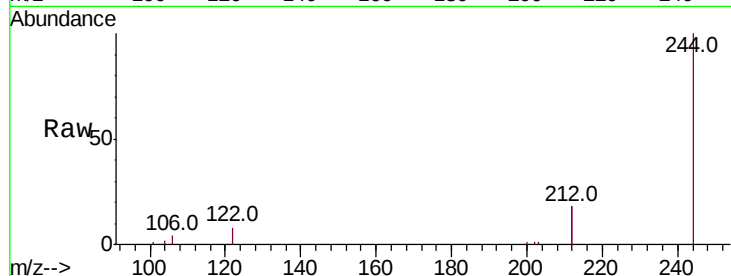
Tot Ion:244 Resp: 9817

Ion Ratio Lower Upper

244 100

212 36.8 29.4 44.2

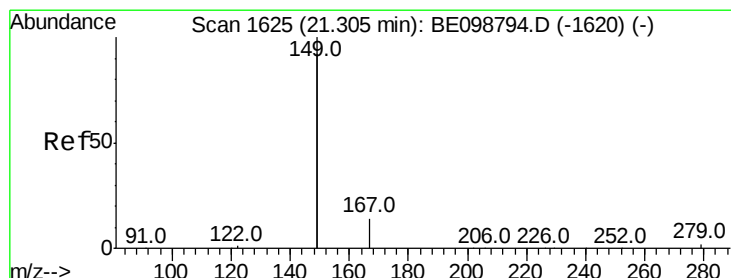
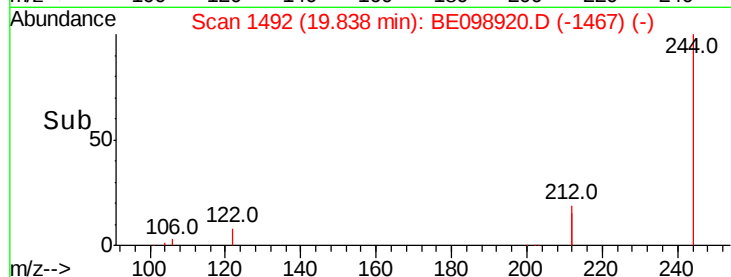
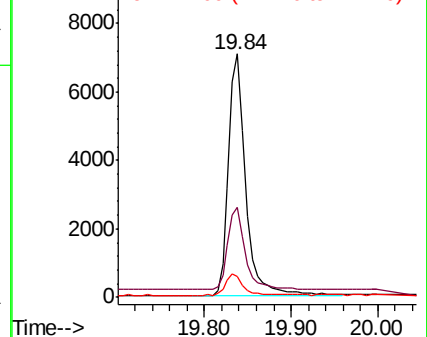
122 8.4 7.1 10.7



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: 0.079 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098920.D

Acq: 13 Mar 2019 20:15

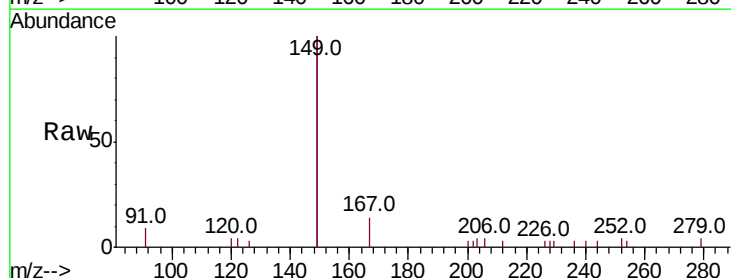
Tgt Ion:149 Resp: 4231

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

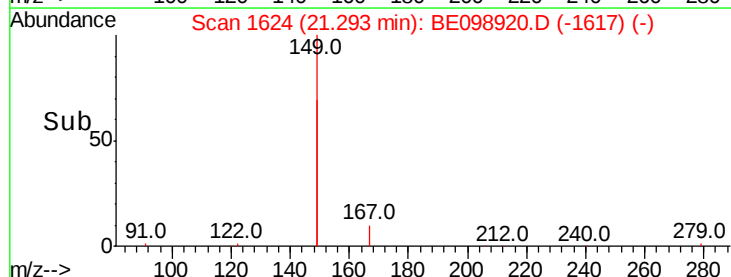
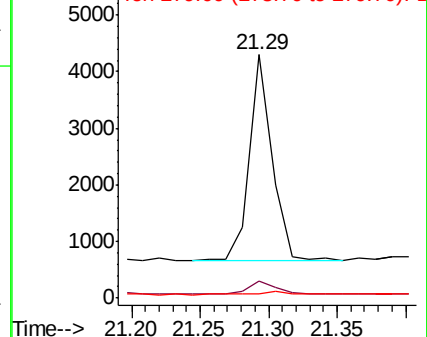
279 1.9 1.0 1.4#

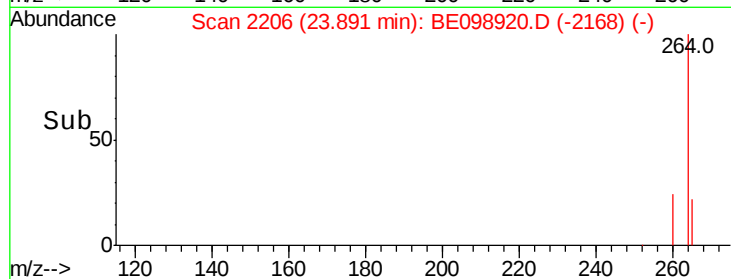
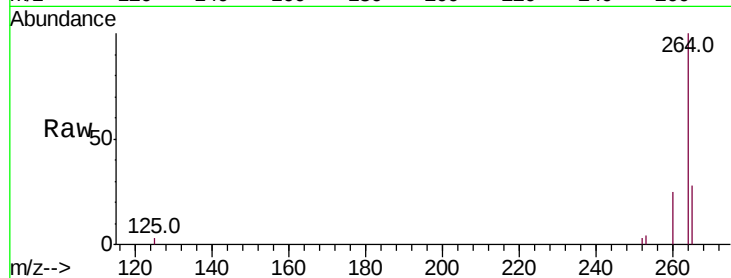


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098920.D
 Acq: 13 Mar 2019 20:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	27.5	24.6	36.8

