

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098915.D
 Acq On : 13 Mar 2019 17:10
 Operator : JU/SJ
 Sample : K1856-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:02 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

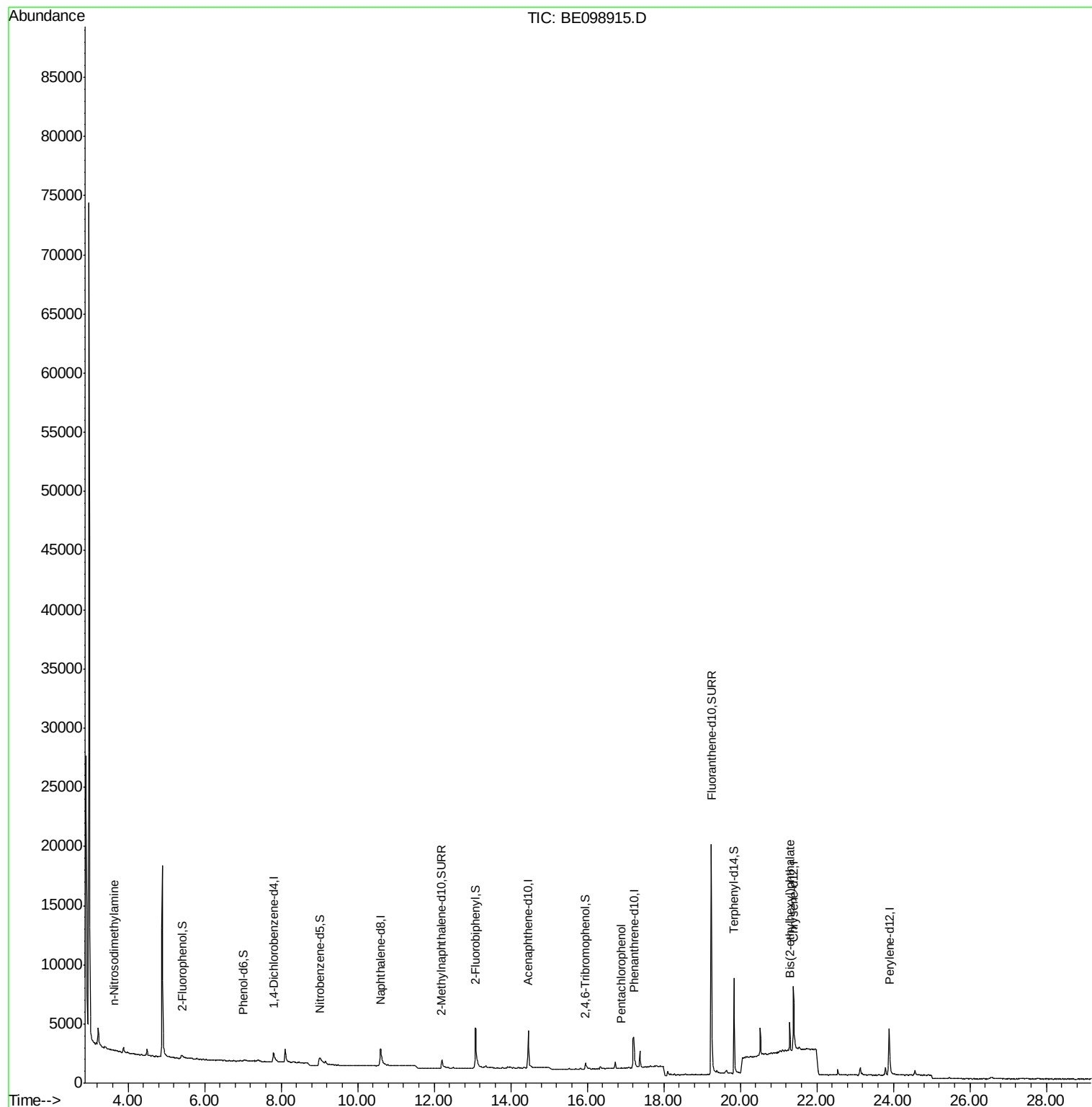
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	690	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3108	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2281	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5765	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6902	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6644	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	321	0.16	ng	0.02
5) Phenol-d6	7.01	99	125	0.04	ng	0.02
8) Nitrobenzene-d5	9.00	82	1076	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2054	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	471	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5900	0.62	ng	0.00
25) Fluoranthene-d10	19.24	212	30971	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	8080	0.48	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	50	0.029	ng	Qvalue # 38
22) Pentachlorophenol	16.88	266	56	0.309	ng	# 99
32) Bis(2-ethylhexyl)phthalate	21.29	149	2665	0.058	ng	# 97

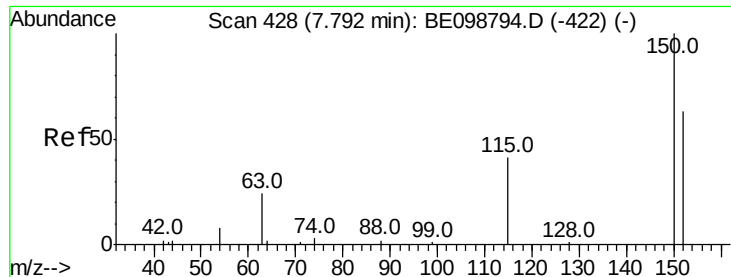
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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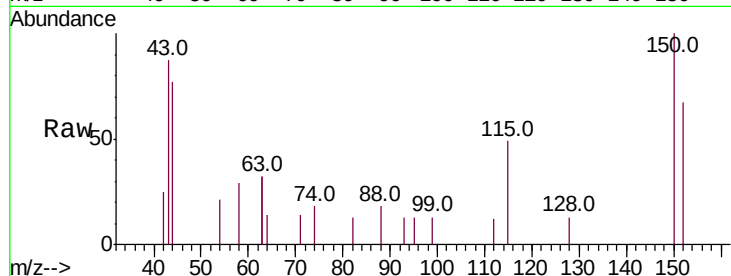


#1

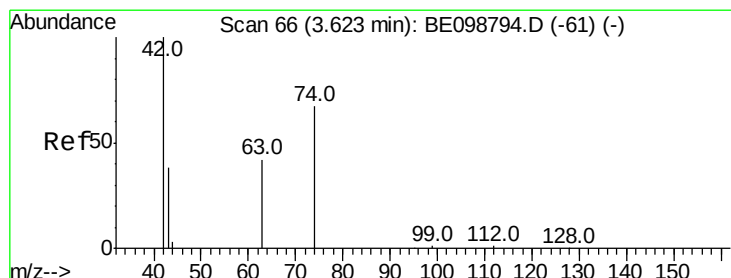
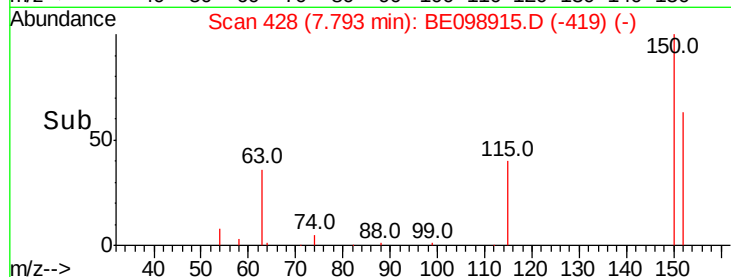
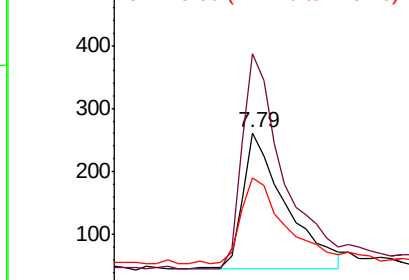
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098915.D
Acq: 13 Mar 2019 17:10

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 690
Ion Ratio Lower Upper
152 100
150 148.3 122.5 183.7
115 72.8 57.4 86.2



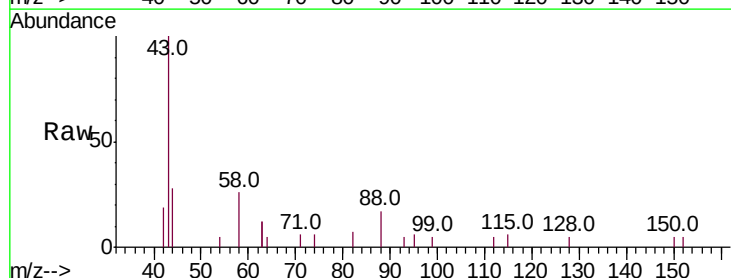
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



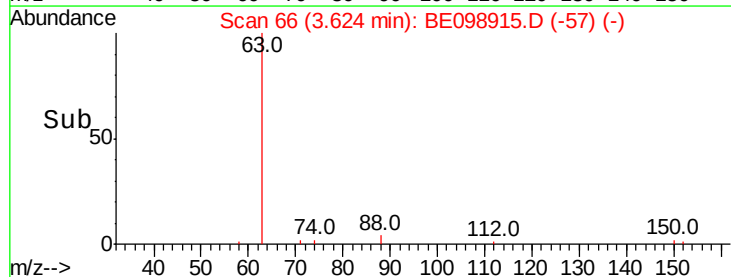
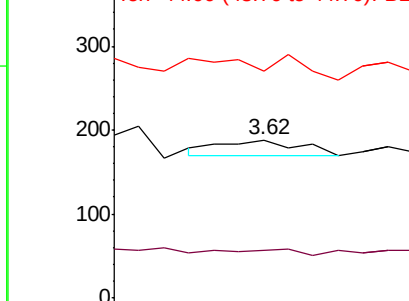
#3

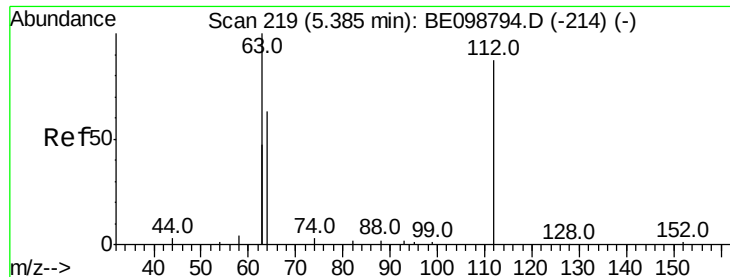
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098915.D
Acq: 13 Mar 2019 17:10

Tgt Ion: 42 Resp: 50
Ion Ratio Lower Upper
42 100
74 20.0 57.0 85.4#
44 178.0 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: 0.156 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

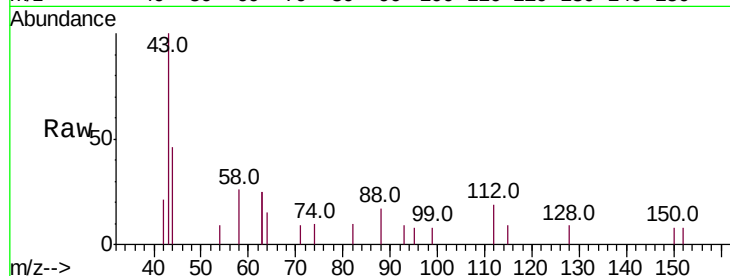
Tot Ion:112 Resp: 321

Ion Ratio Lower Upper

112 100

64 69.5 57.9 86.9

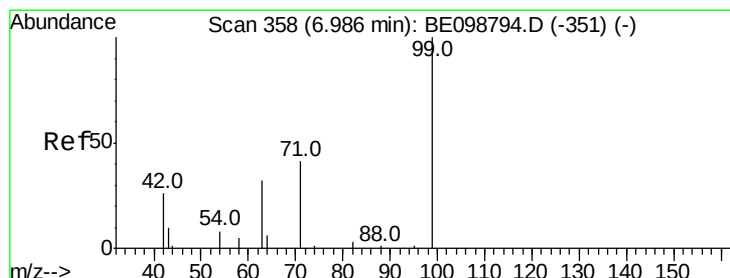
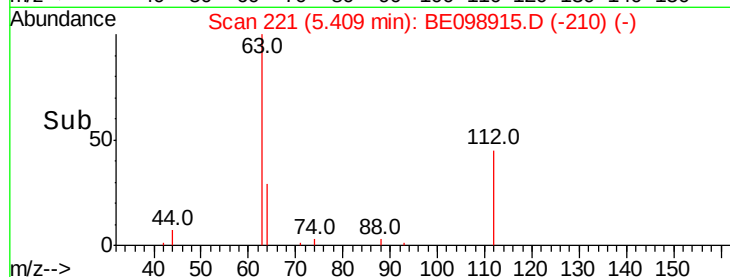
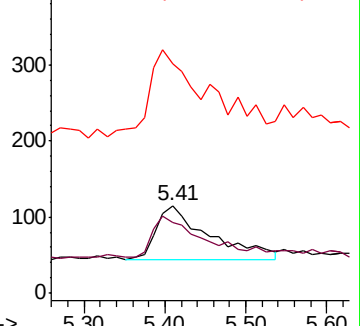
63 191.9 158.3 237.5



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: 0.043 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

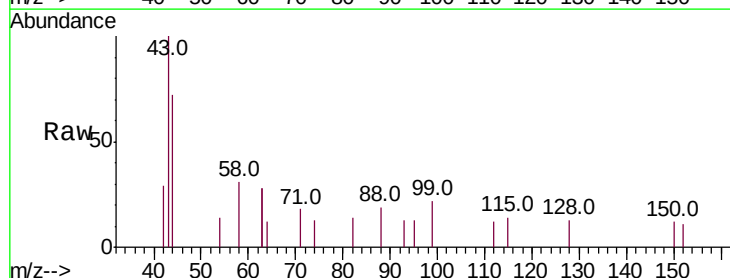
Tgt Ion: 99 Resp: 125

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

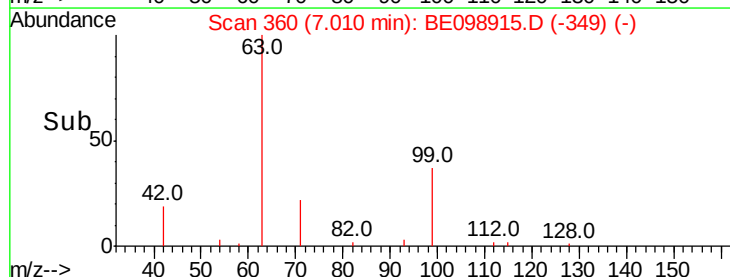
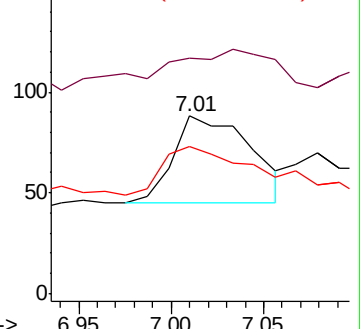
71 74.4 35.7 53.5#

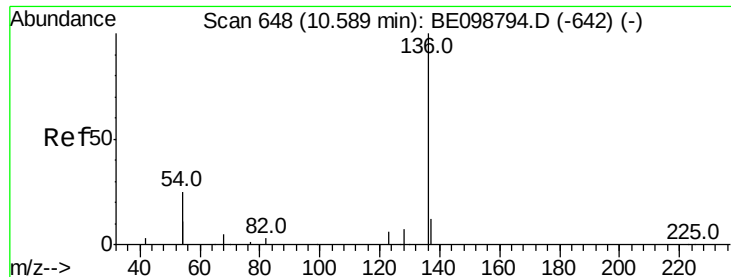


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098915.D

Acq: 13 Mar 2019 17:10

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3108

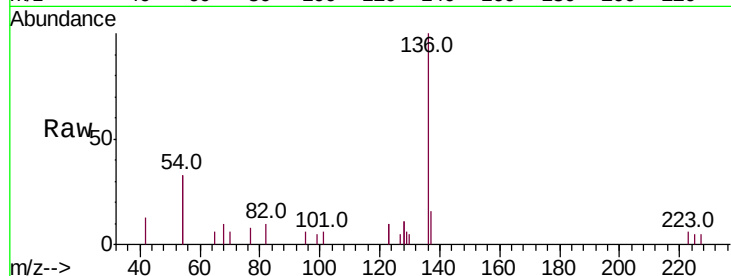
Ion Ratio Lower Upper

136 100

137 15.8 11.4 17.0

54 65.8 39.3 58.9#

68 10.4 6.7 10.1#

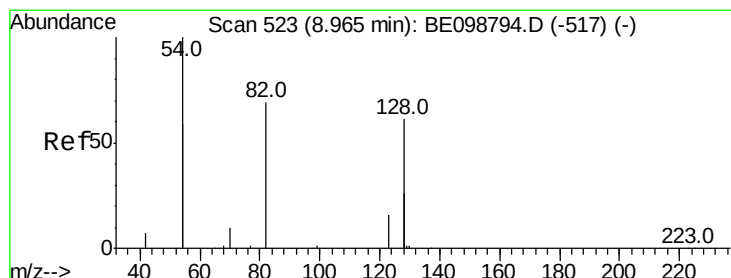
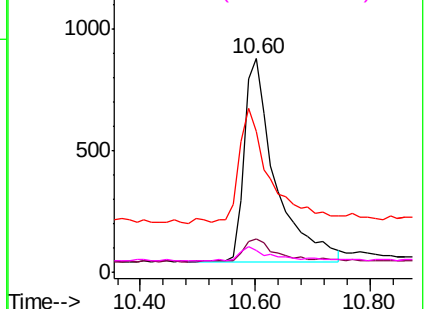
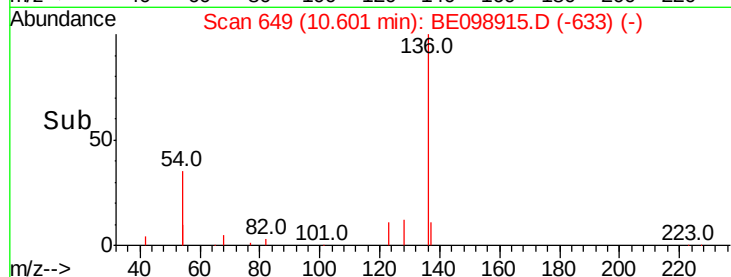


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.330 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

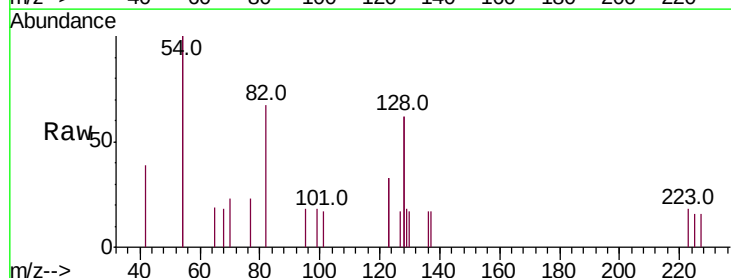
Tgt Ion: 82 Resp: 1076

Ion Ratio Lower Upper

82 100

128 185.9 123.8 185.8#

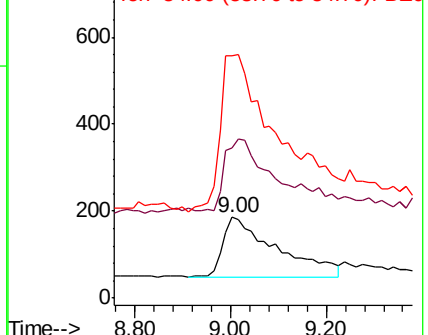
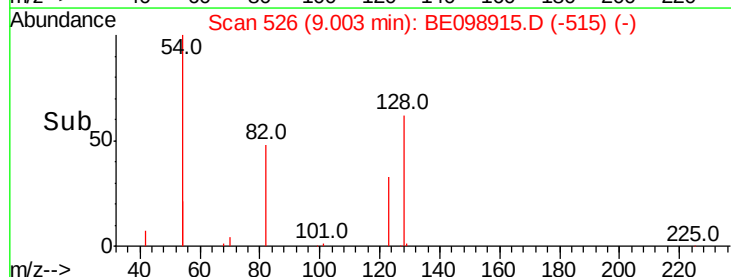
54 300.5 203.4 305.2

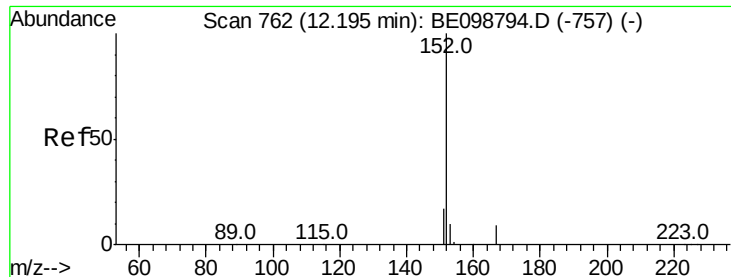


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

Instrument :

BNA_E

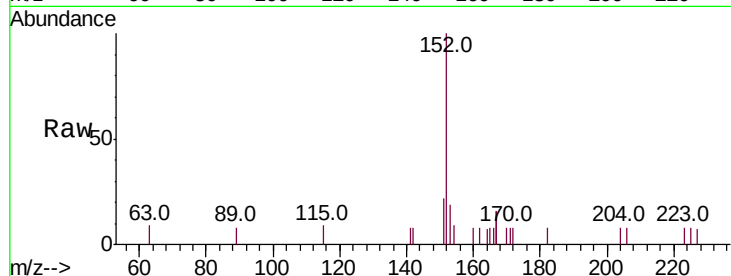
ClientSampleId :

Tot Ion:152 Resp: 2054

Ion Ratio Lower Upper

152 100

151 17.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

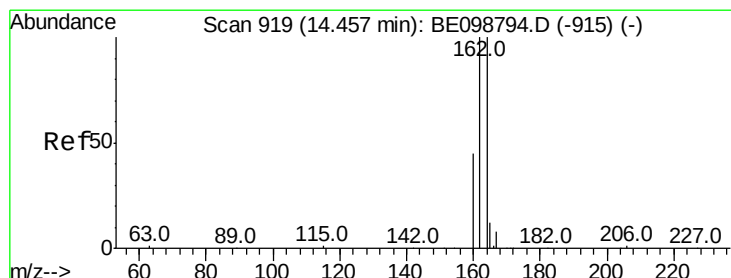
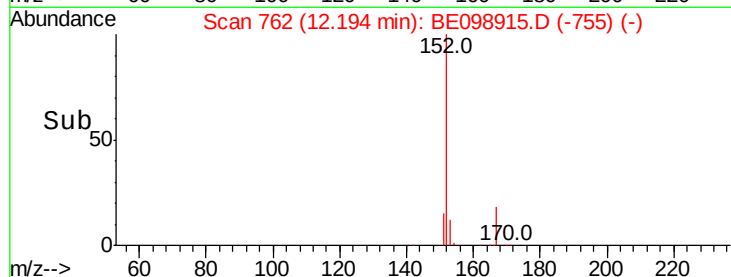
600

400

200

0

Time--> 12.00 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

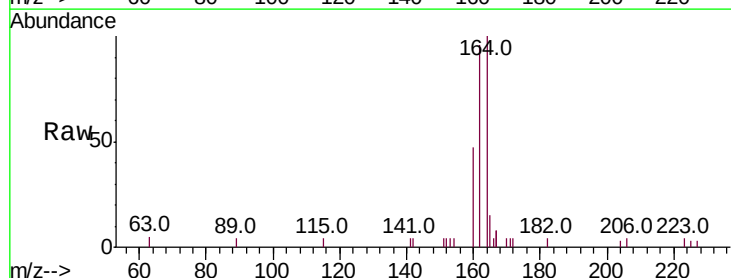
Tgt Ion:164 Resp: 2281

Ion Ratio Lower Upper

164 100

162 96.0 80.2 120.2

160 46.8 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

14.46

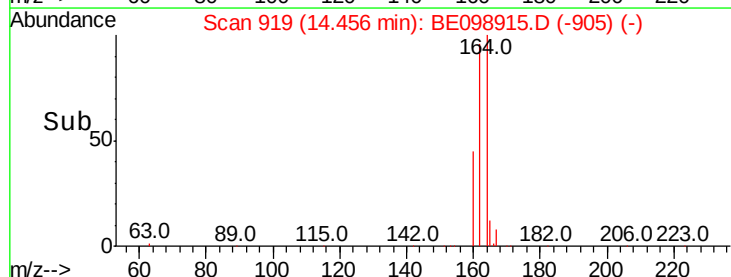
1500

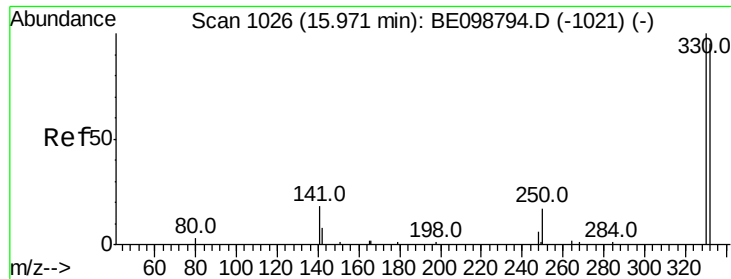
1000

500

0

Time--> 14.30 14.40 14.50 14.60

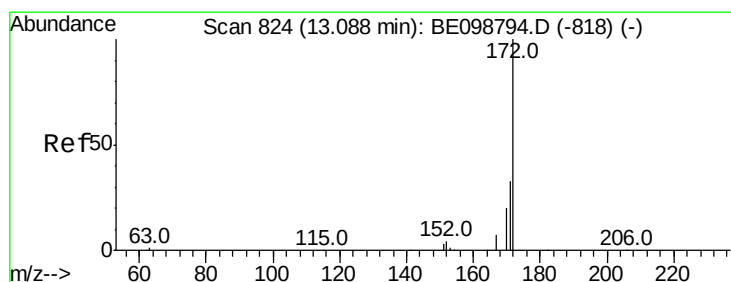
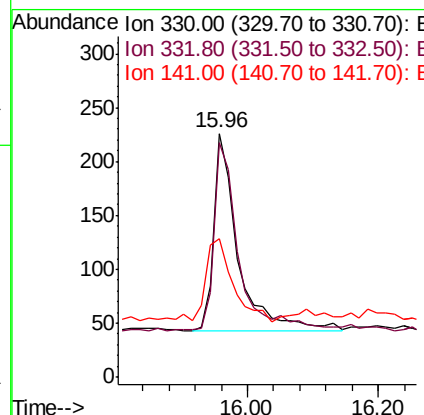
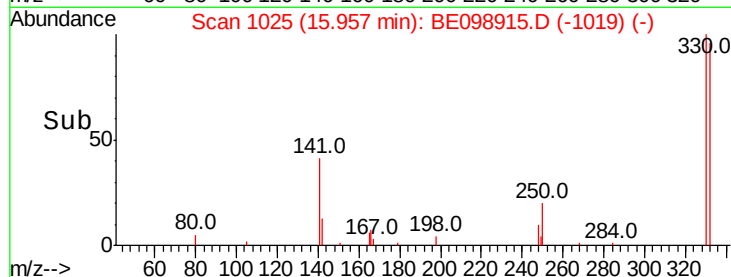
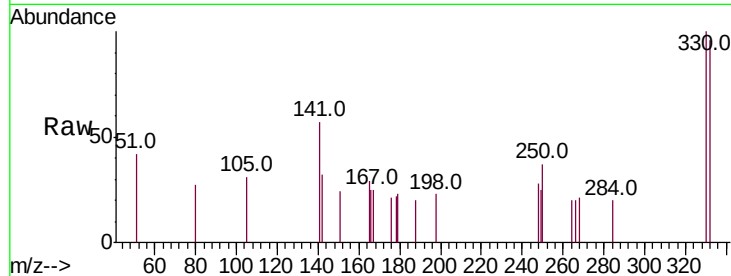




#14
 2,4,6-Tribromophenol
 Concen: 0.409 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098915.D
 Acq: 13 Mar 2019 17:10

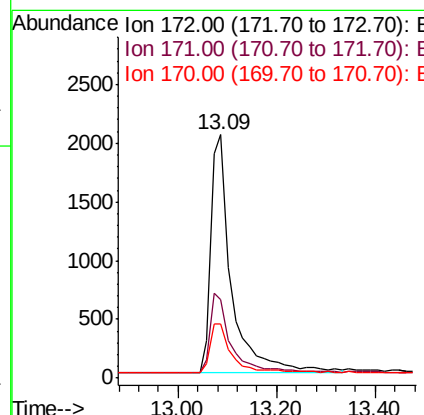
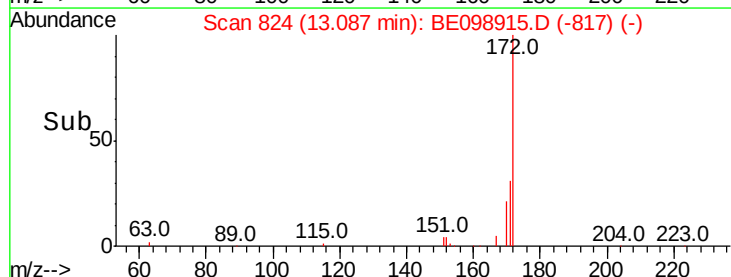
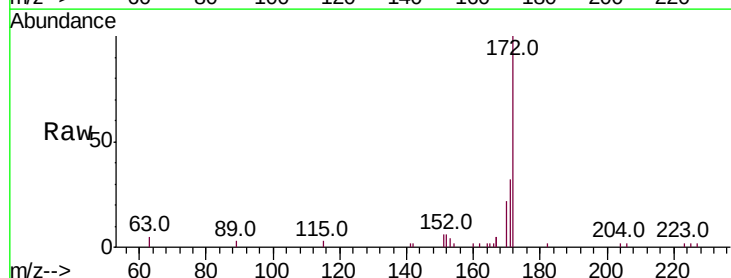
Instrument :
 BNA_E
 ClientSampleId :

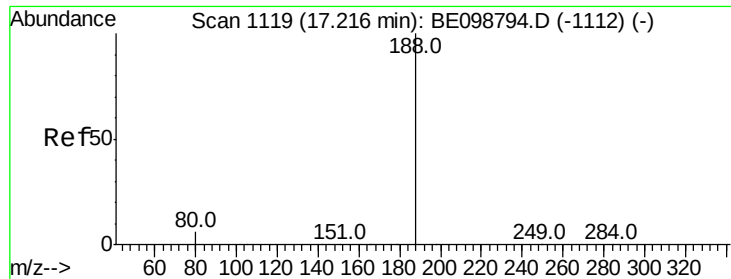
Tot Ion:330 Resp: 471
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.6 116.4
 141 46.5 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.625 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098915.D
 Acq: 13 Mar 2019 17:10

Tgt Ion:172 Resp: 5900
 Ion Ratio Lower Upper
 172 100
 171 32.2 28.0 42.0
 170 22.2 17.7 26.5

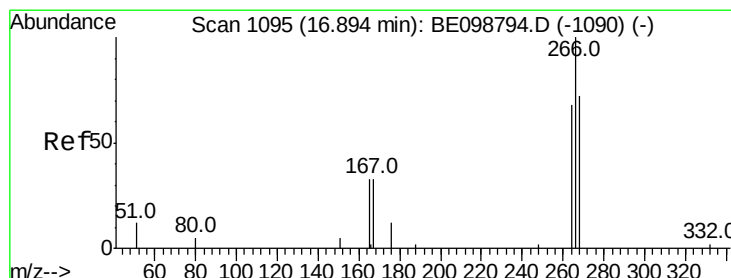
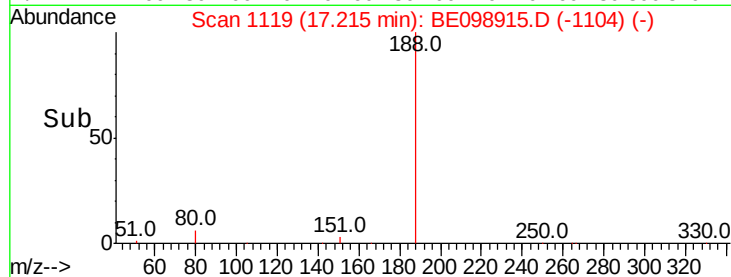
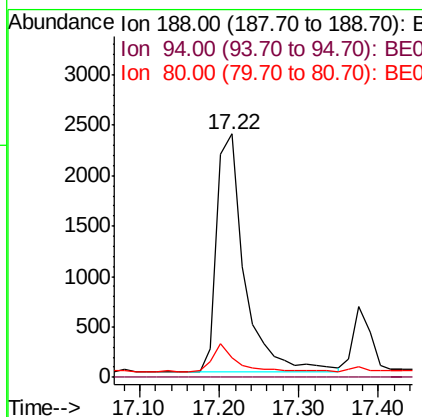
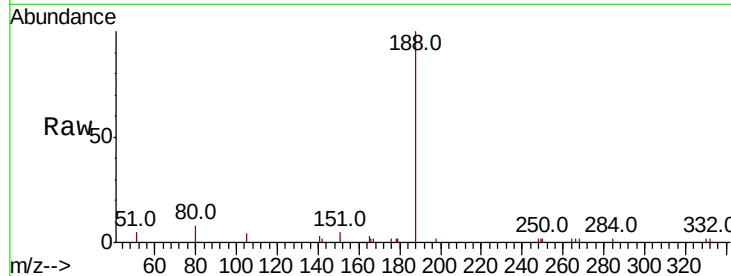




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098915.D
Acq: 13 Mar 2019 17:10

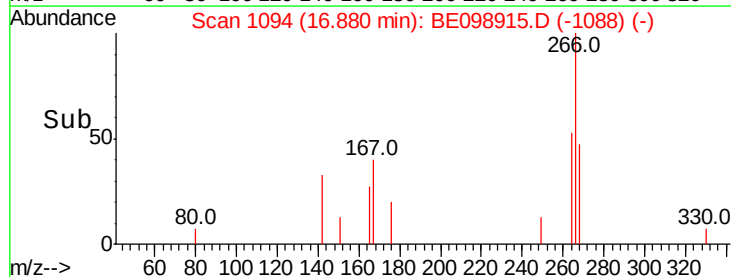
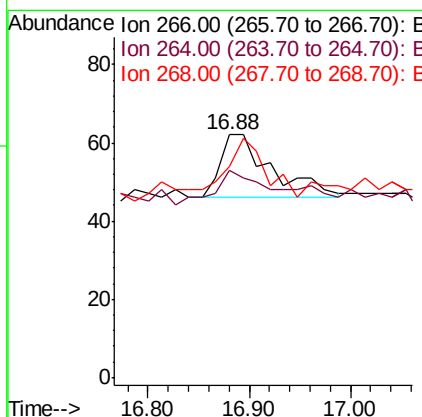
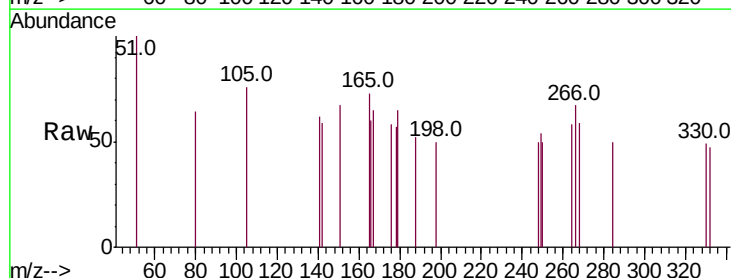
Instrument :
BNA_E
ClientSampleId :

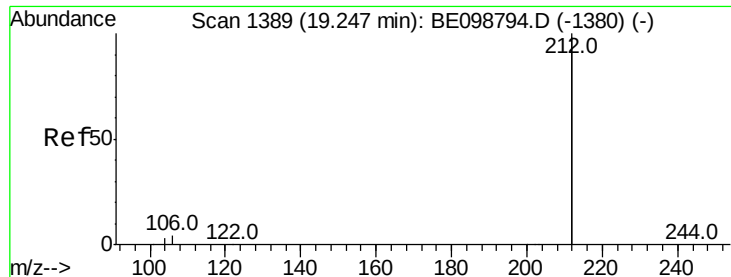
Tot Ion:188 Resp: 5765
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.3 9.5



#22
Pentachlorophenol
Concen: 0.309 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098915.D
Acq: 13 Mar 2019 17:10

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
264 85.5 66.6 100.0
268 87.1 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

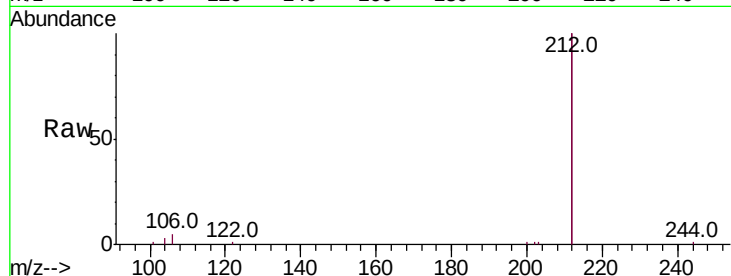
Tot Ion:212 Resp: 30971

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

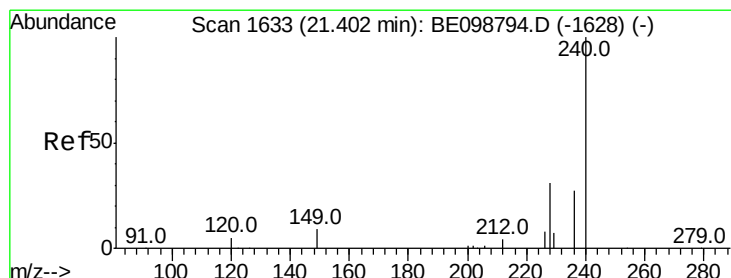
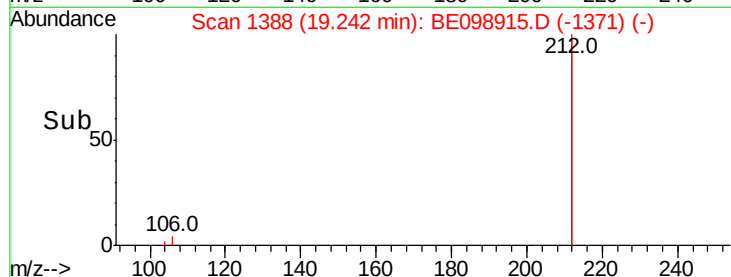
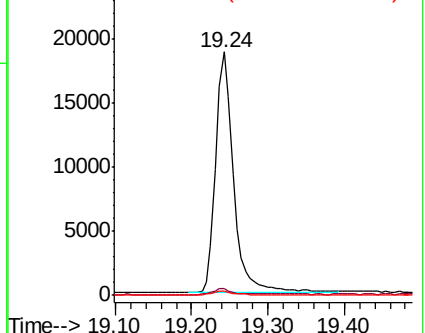
104 1.3 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

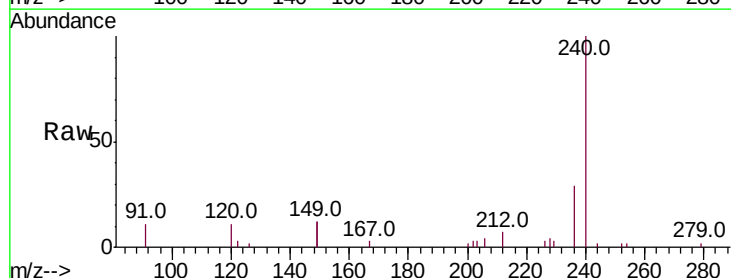
Tgt Ion:240 Resp: 6902

Ion Ratio Lower Upper

240 100

120 10.6 5.0 7.4#

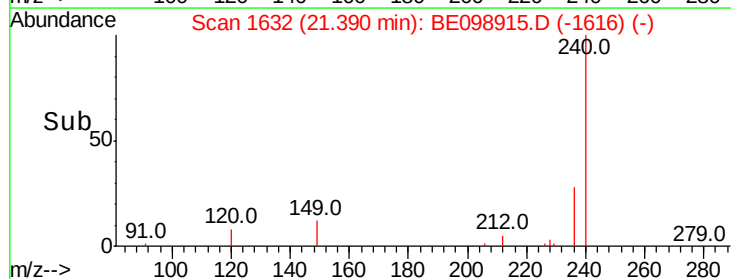
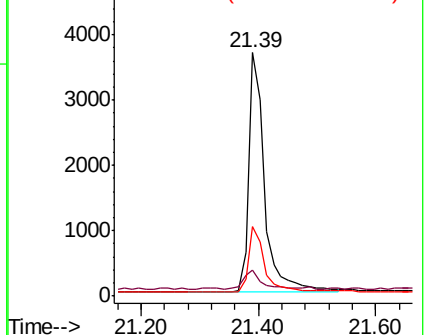
236 28.8 22.7 34.1

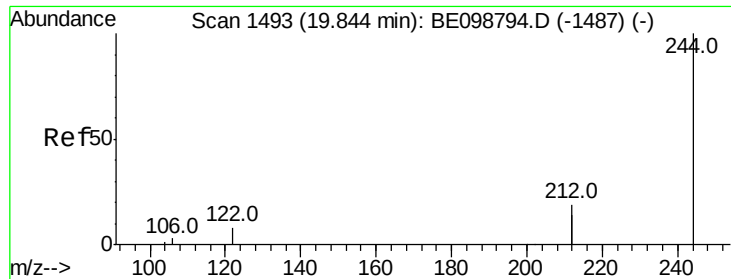


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.482 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

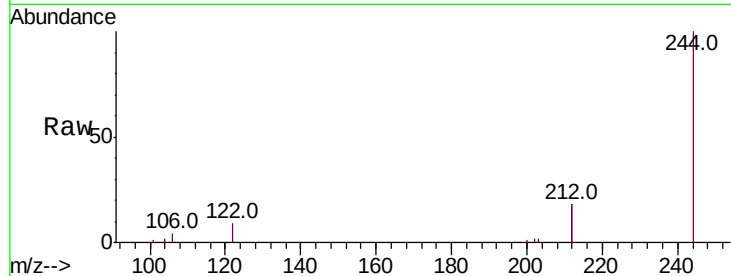
Tot Ion:244 Resp: 8080

Ion Ratio Lower Upper

244 100

212 36.3 29.4 44.2

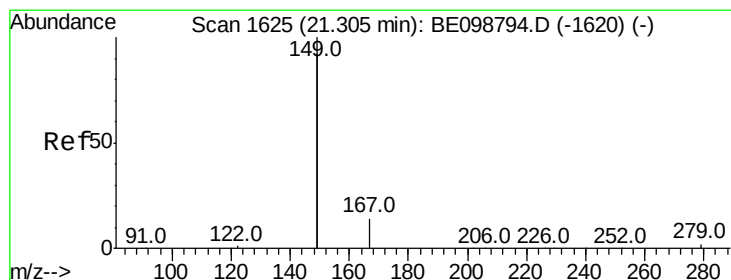
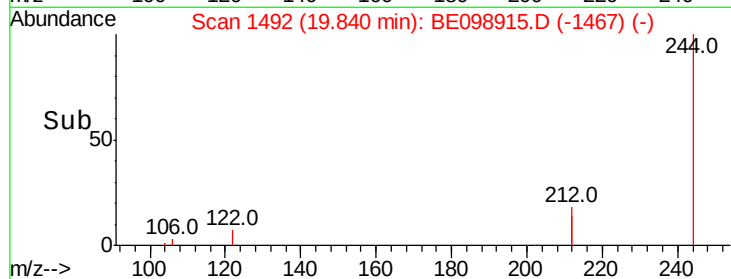
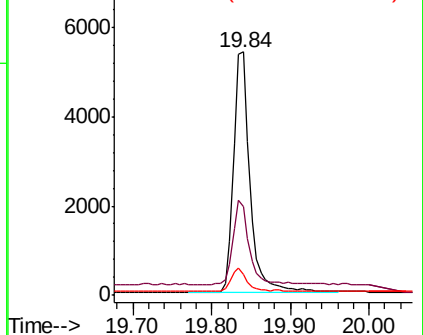
122 8.6 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098915.D

Acq: 13 Mar 2019 17:10

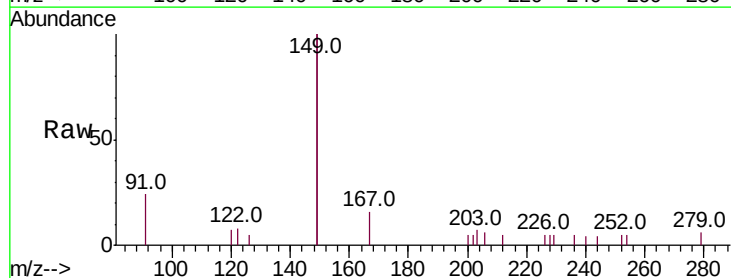
Tgt Ion:149 Resp: 2665

Ion Ratio Lower Upper

149 100

167 7.8 5.4 8.0

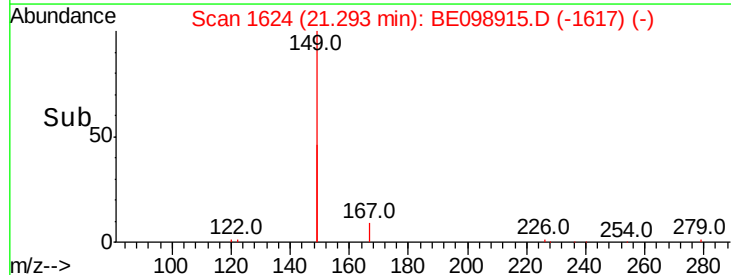
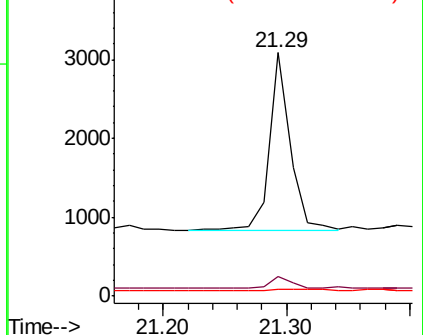
279 2.5 1.0 1.4#

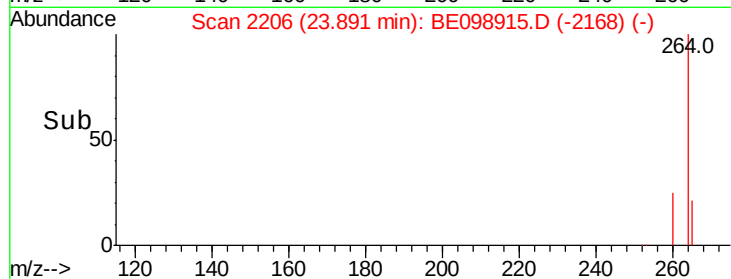
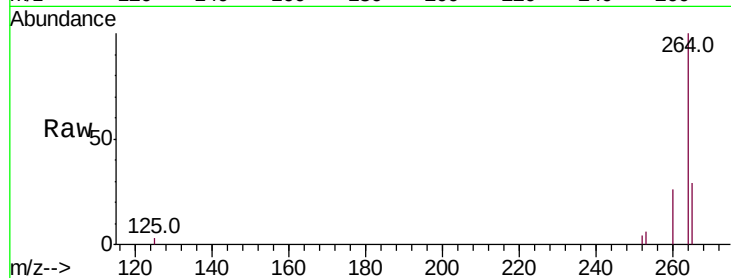
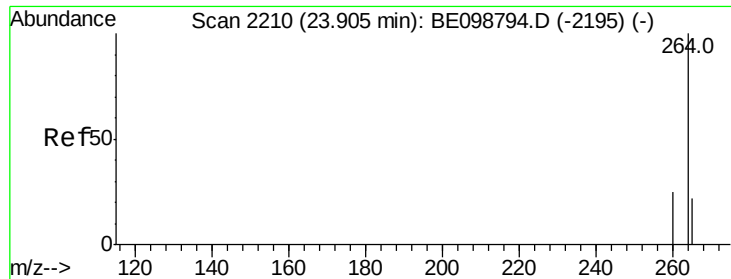


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098915.D
 Acq: 13 Mar 2019 17:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.2	31.8
265	29.0	24.6	36.8

