

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098800.D
 Acq On : 6 Mar 2019 16:18
 Operator : JU/SJ
 Sample : K1701-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-T4-OZ(POST)

Quant Time: Mar 07 01:45:53 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	858	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3314	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2161	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5635	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7598	0.40	ng	0.00
34) Perylene-d12	23.91	264	3422	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	462	0.18	ng	0.00
5) Phenol-d6	6.98	99	364	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1268	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2290	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	492	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4521	0.51	ng	0.00
25) Fluoranthene-d10	19.25	212	36058	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9674	0.52	ng	0.00

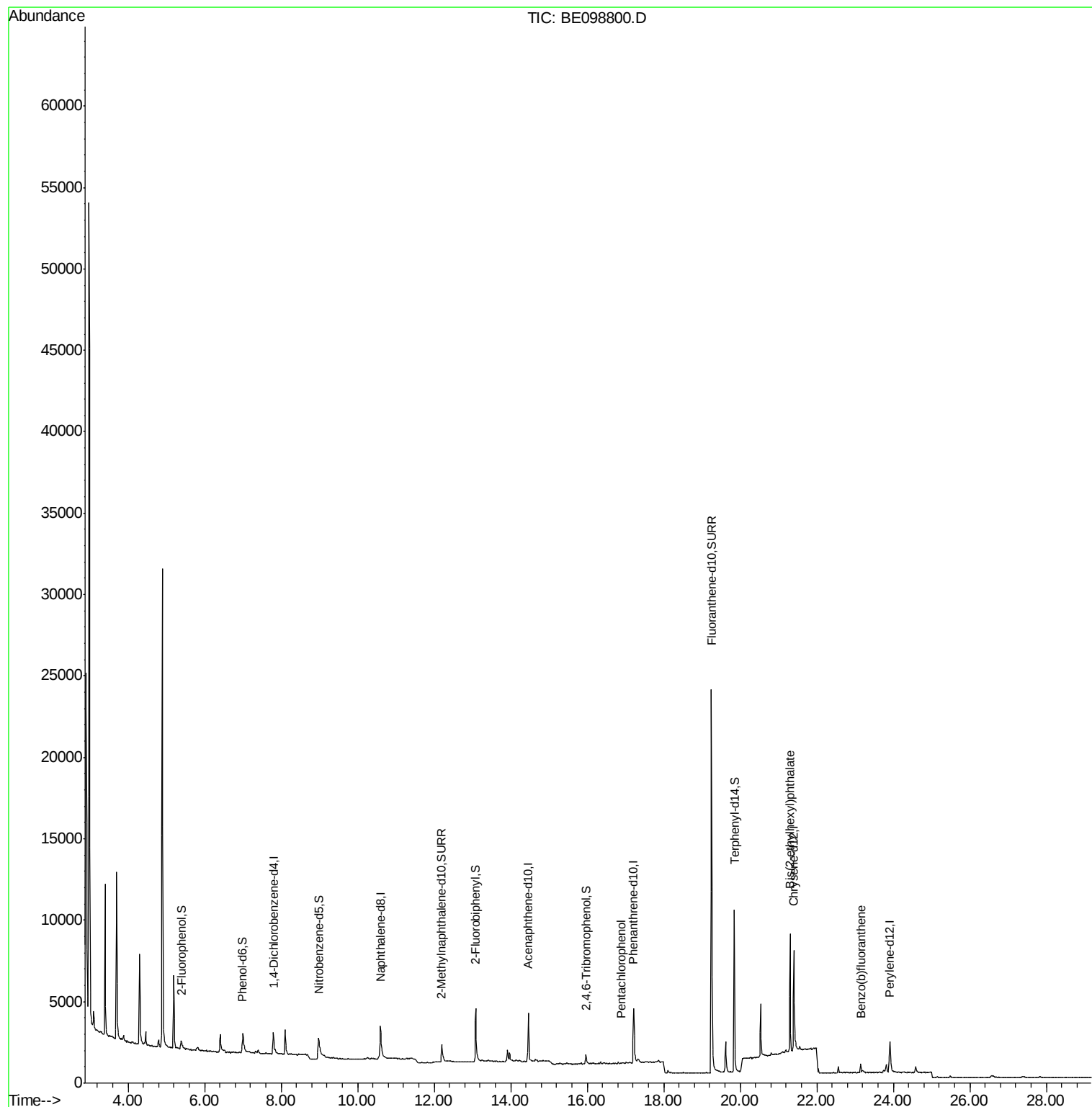
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	91	Below Cal		# 64
22) Pentachlorophenol	16.89	266	34	0.292	ng	95
32) Bis(2-ethylhexyl)phthalate	21.31	149	8279	0.164	ng	99
35) Benzo(b)fluoranthene	23.15	252	284	0.025	ng	# 1

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

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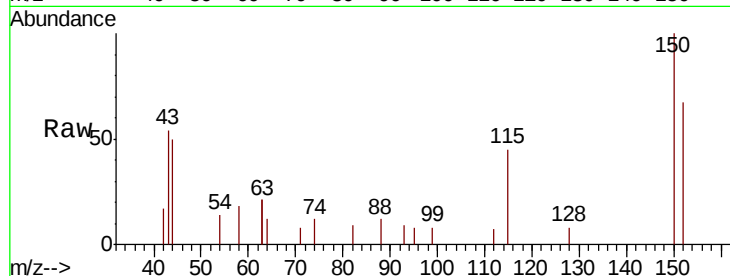


#1

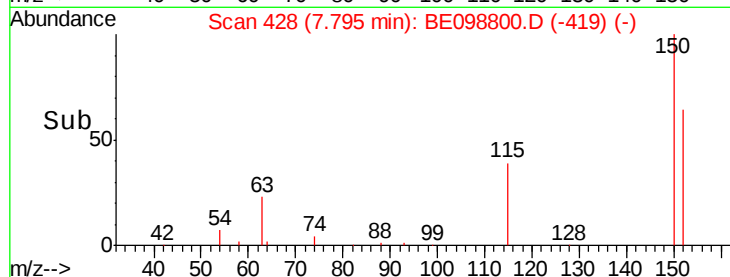
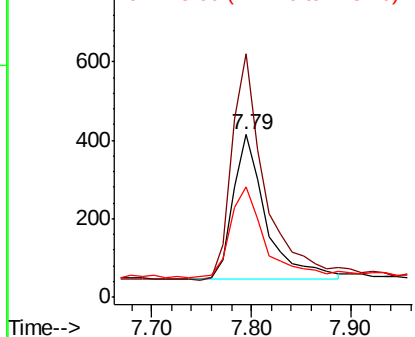
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098800.D
Acq: 6 Mar 2019 16:18

Instrument :
BNA_E
ClientSampleId :
M2-T4-OZ(POST)

Tgt Ion: 152 Resp: 858
Ion Ratio Lower Upper
152 100
150 149.6 122.5 183.7
115 67.5 57.4 86.2



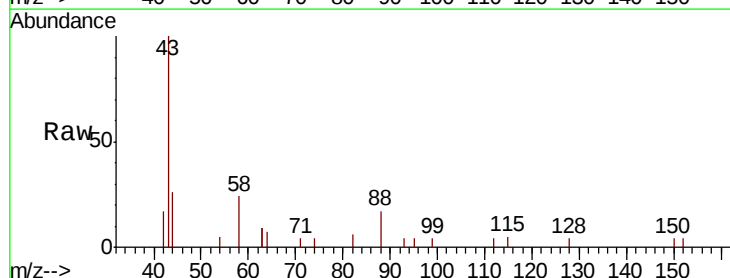
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



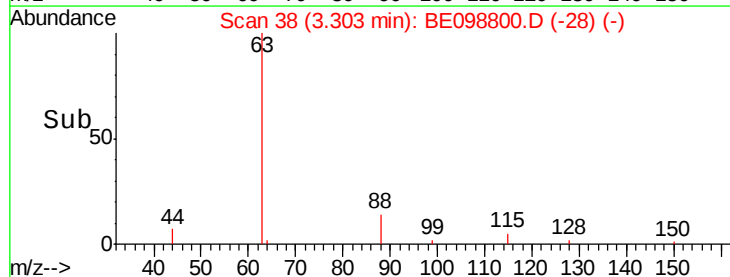
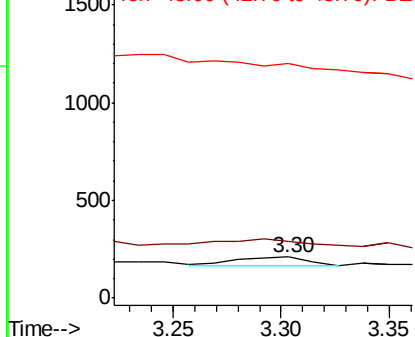
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 38
Delta R.T. 0.02 min
Lab File: BE098800.D
Acq: 6 Mar 2019 16:18

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
58 109.9 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: 0.180 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

Instrument :

BNA_E

ClientSampleId :

M2-T4-OZ(POST)

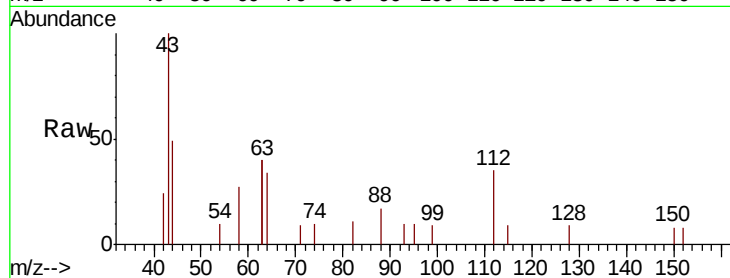
Tgt Ion: 112 Resp: 462

Ion Ratio Lower Upper

112 100

64 79.2 57.9 86.9

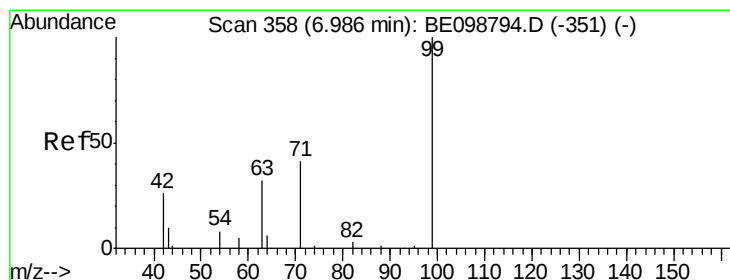
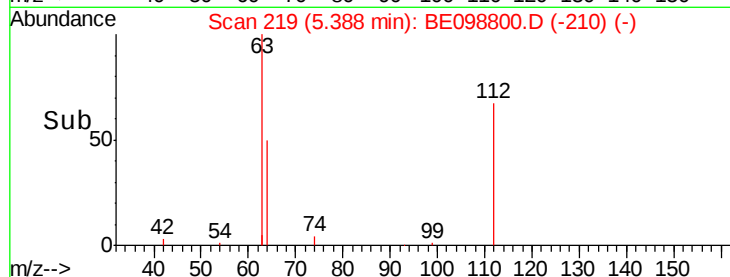
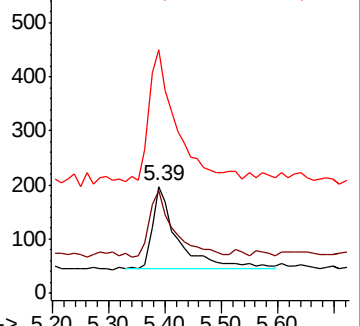
63 179.2 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

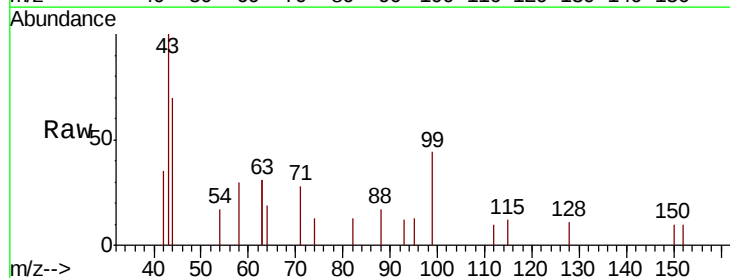
Tgt Ion: 99 Resp: 364

Ion Ratio Lower Upper

99 100

42 55.5 24.2 36.2#

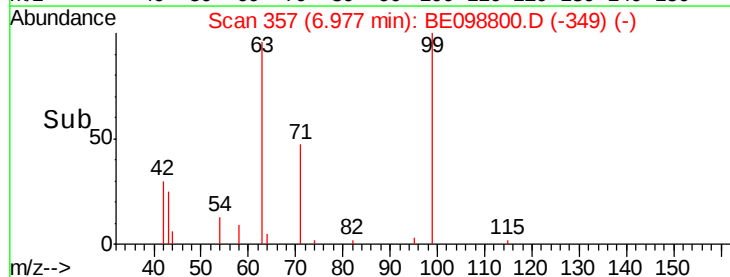
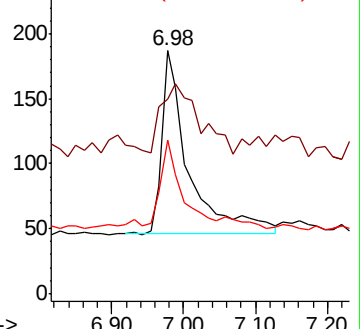
71 36.5 35.7 53.5



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: BE098800.D

Acq: 6 Mar 2019 16:18

Instrument :

BNA_E

ClientSampleId :

M2-T4-OZ(POST)

Tgt Ion:136 Resp: 3314

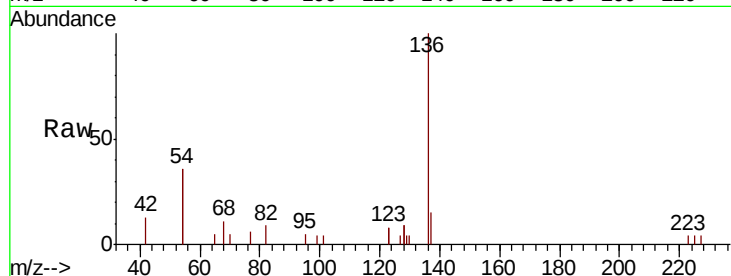
Ion Ratio Lower Upper

136 100

137 14.6 11.4 17.0

54 72.7 39.3 58.9#

68 11.2 6.7 10.1#

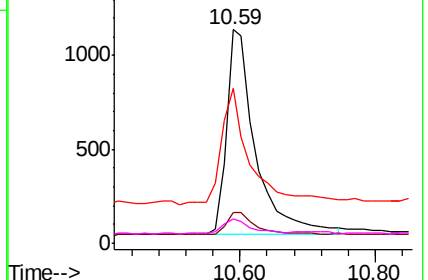
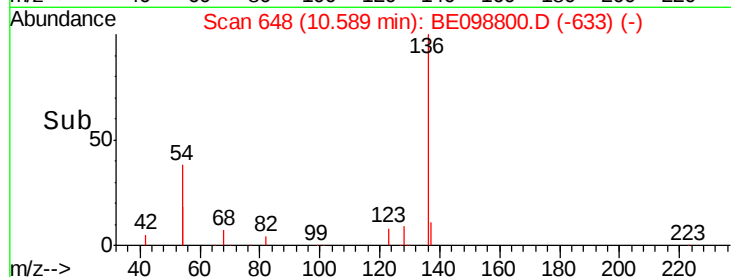


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

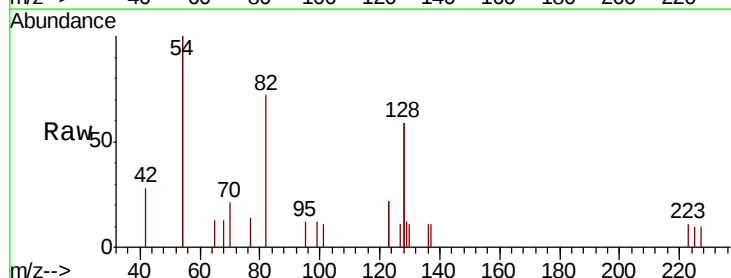
Tgt Ion: 82 Resp: 1268

Ion Ratio Lower Upper

82 100

128 163.5 123.8 185.8

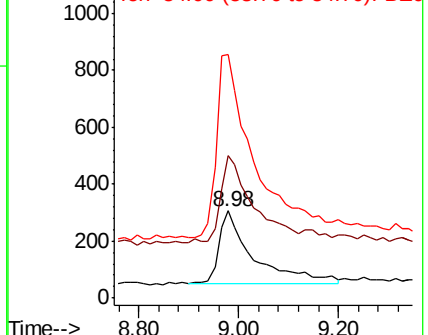
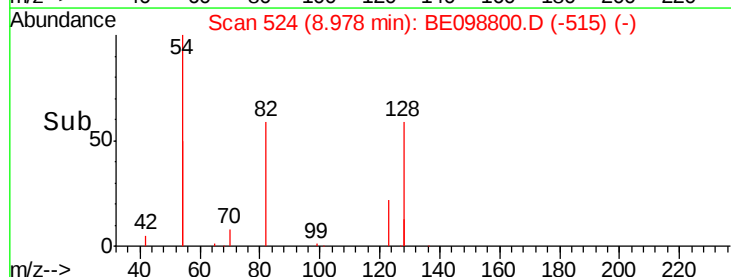
54 278.8 203.4 305.2

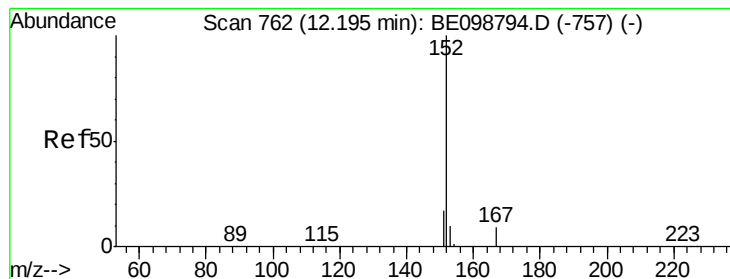


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

Instrument :

BNA_E

ClientSampleId :

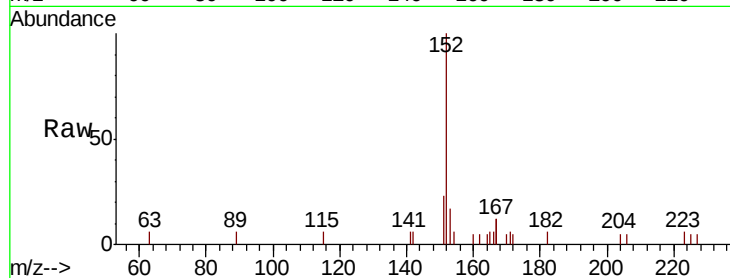
M2-T4-OZ(POST)

Tgt Ion:152 Resp: 2290

Ion Ratio Lower Upper

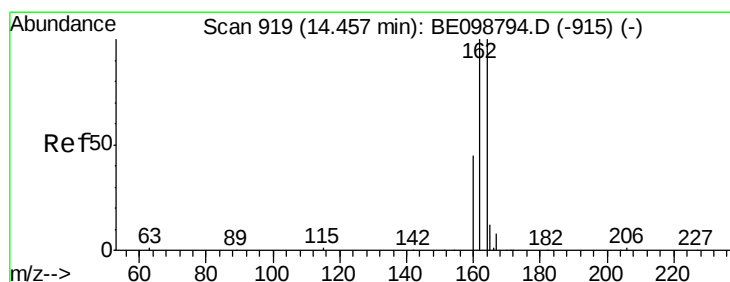
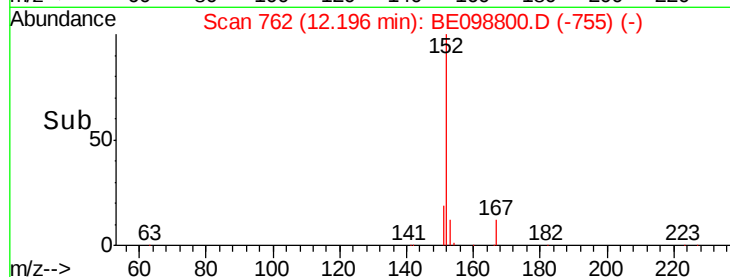
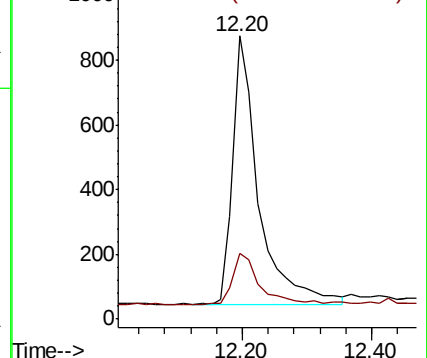
152 100

151 21.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

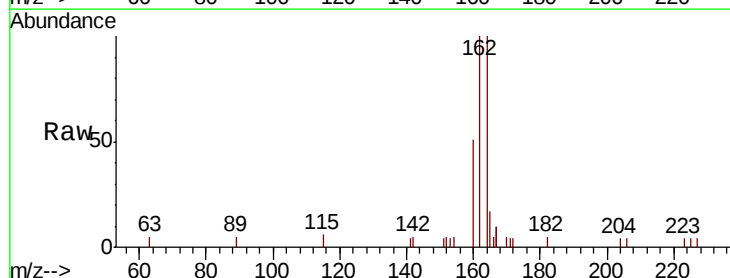
Tgt Ion:164 Resp: 2161

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

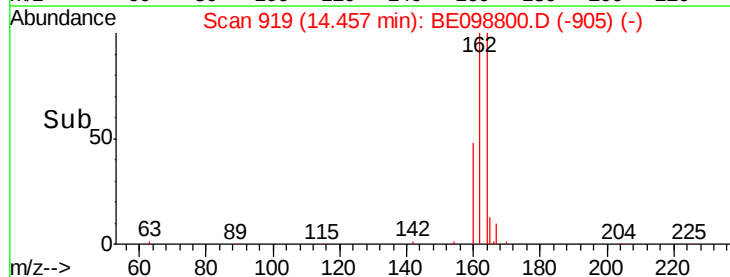
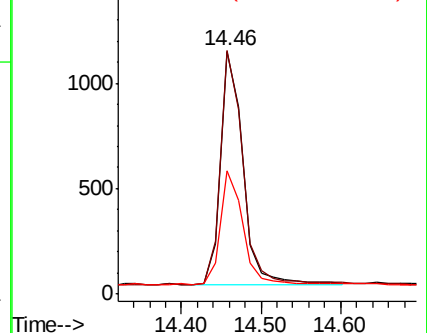
160 50.9 37.8 56.8

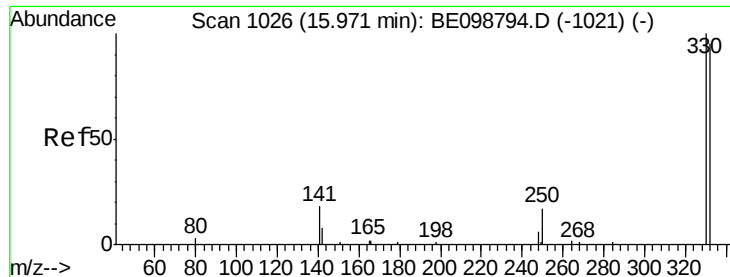


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

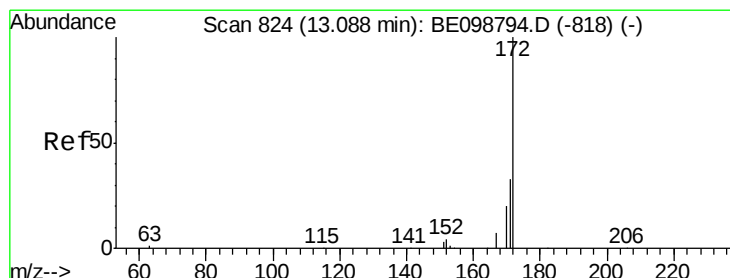
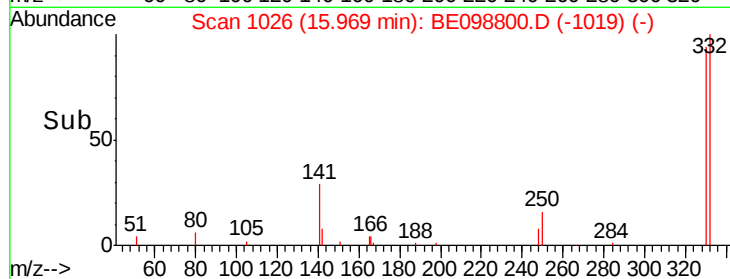
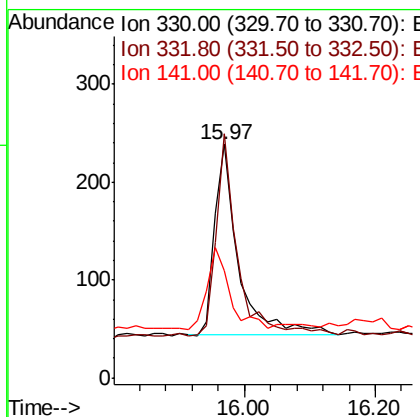
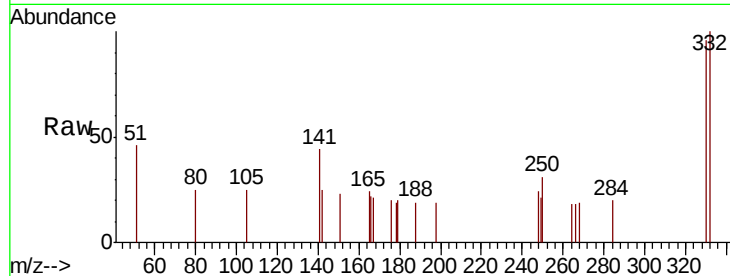




#14
 2,4,6-Tribromophenol
 Concen: 0.451 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098800.D
 Acq: 6 Mar 2019 16:18

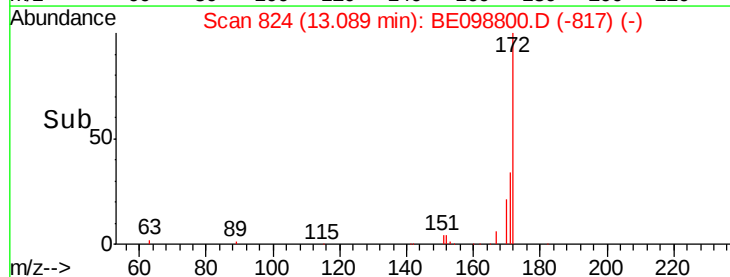
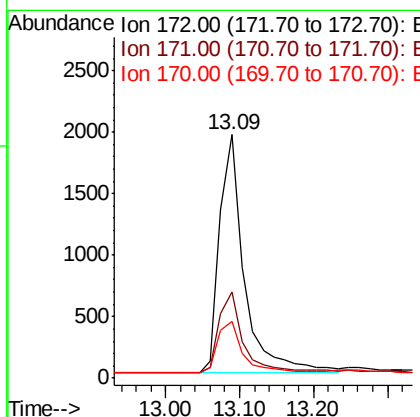
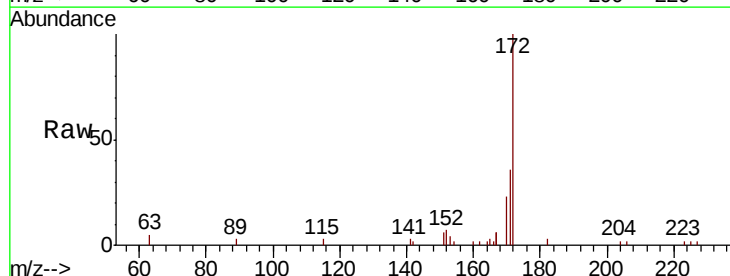
Instrument :
 BNA_E
 ClientSampleId :
 M2-T4-OZ(POST)

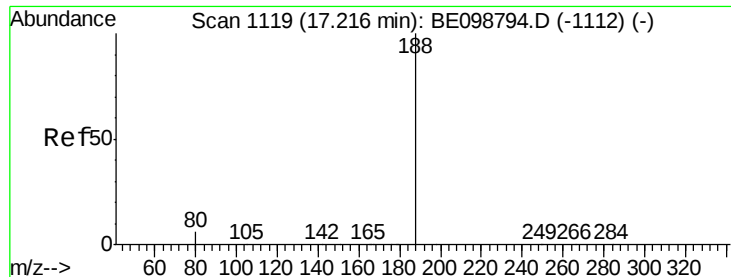
Tgt Ion: 330 Resp: 492
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.6 116.4
 141 41.1 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.505 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098800.D
 Acq: 6 Mar 2019 16:18

Tgt Ion: 172 Resp: 4521
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.0 42.0
 170 23.1 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: BE098800.D

Acq: 6 Mar 2019 16:18

Instrument :

BNA_E

ClientSampleId :

M2-T4-OZ(POST)

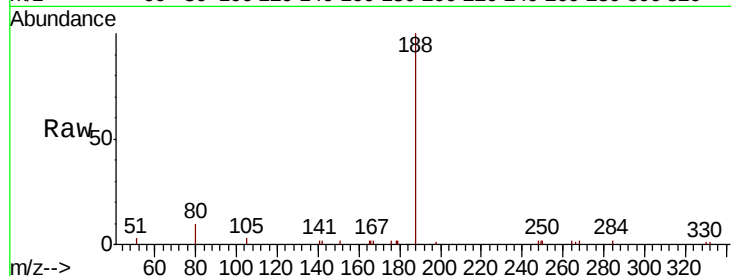
Tgt Ion:188 Resp: 5635

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

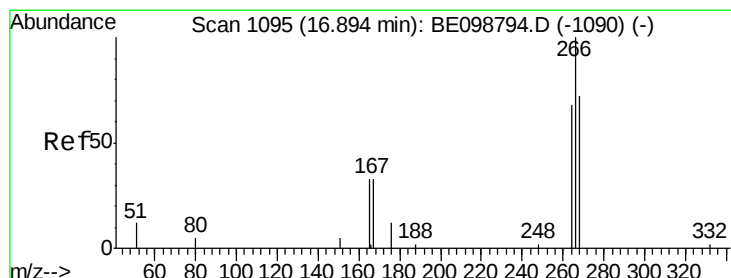
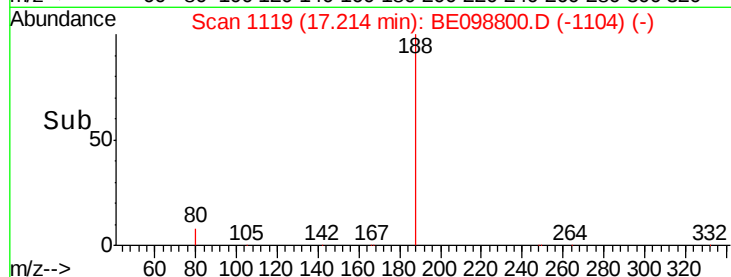
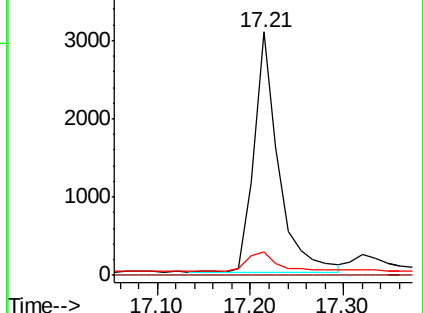
80 9.6 6.3 9.5#



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: 0.292 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

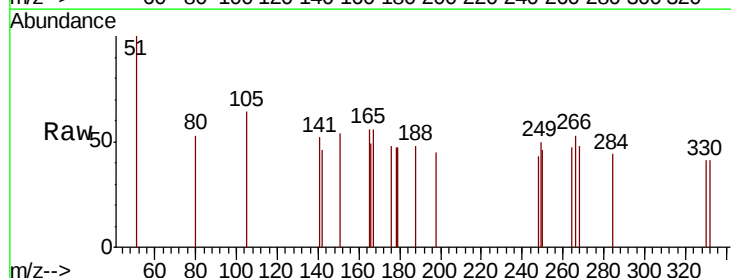
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 89.3 66.6 100.0

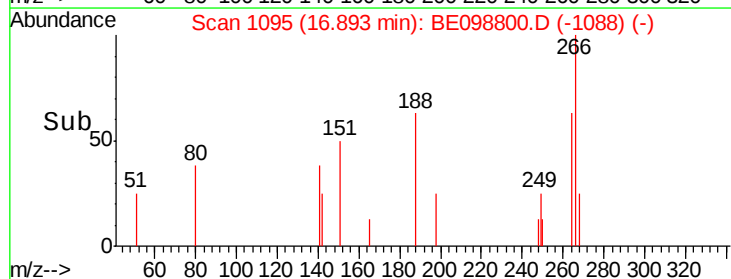
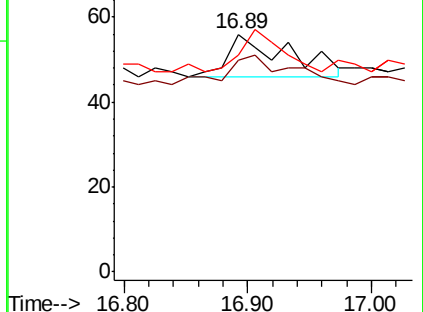
268 91.1 69.8 104.8

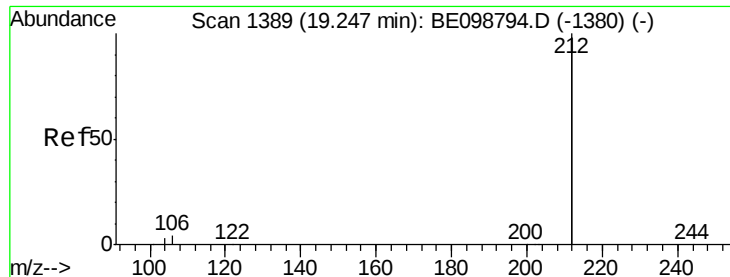


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

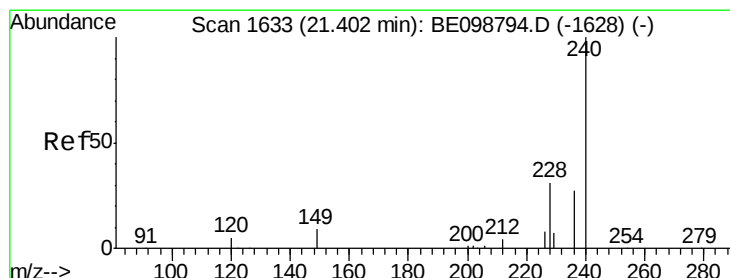
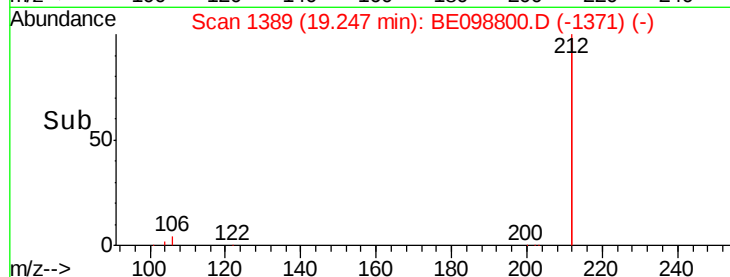
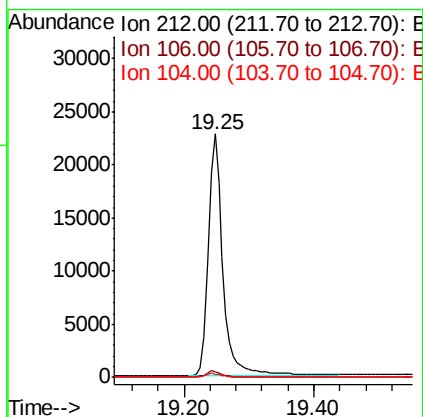
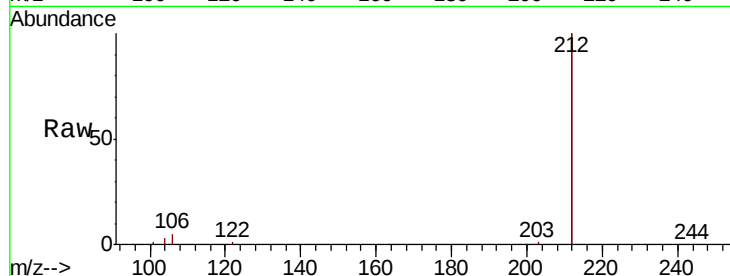




#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098800.D
Acq: 6 Mar 2019 16:18

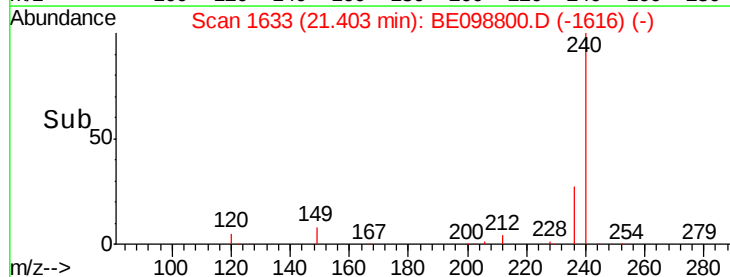
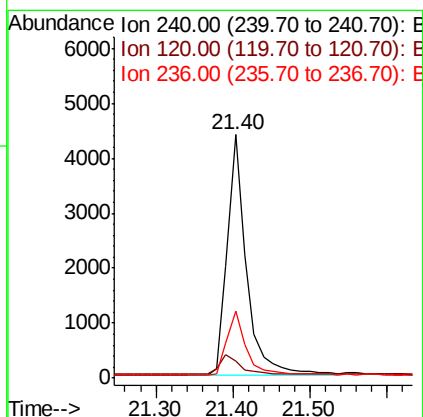
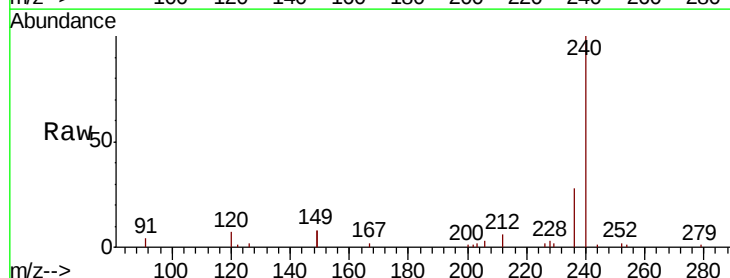
Instrument :
BNA_E
ClientSampleId :
M2-T4-OZ(POST)

Tgt Ion:212 Resp: 36058
Ion Ratio Lower Upper
212 100
106 2.4 1.8 2.8
104 1.4 1.0 1.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098800.D
Acq: 6 Mar 2019 16:18

Tgt Ion:240 Resp: 7598
Ion Ratio Lower Upper
240 100
120 6.8 5.0 7.4
236 27.7 22.7 34.1





#29

Terphenyl-d14

Concen: 0.524 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

Instrument :

BNA_E

ClientSampleId :

M2-T4-OZ(POST)

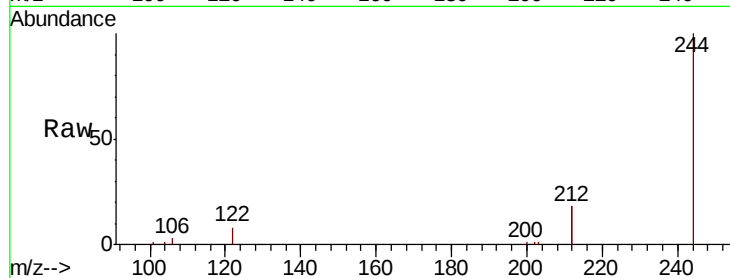
Tgt Ion:244 Resp: 9674

Ion Ratio Lower Upper

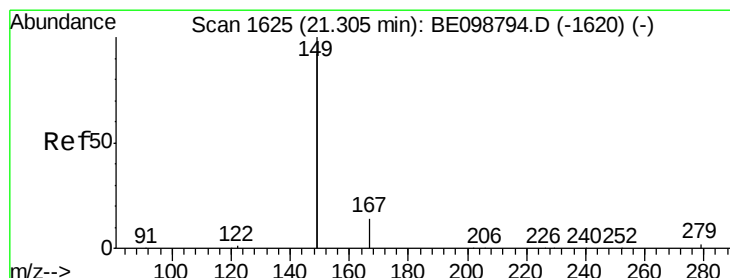
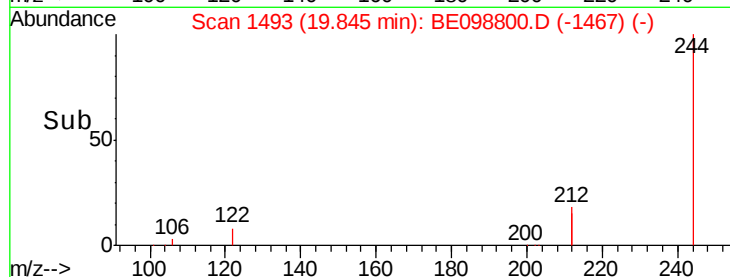
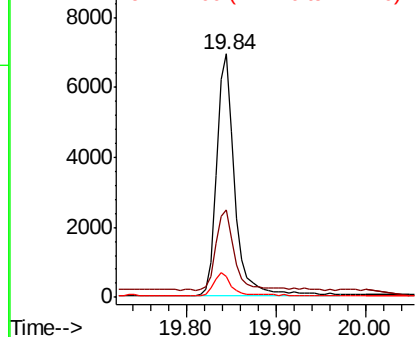
244 100

212 36.0 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: 0.164 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098800.D

Acq: 6 Mar 2019 16:18

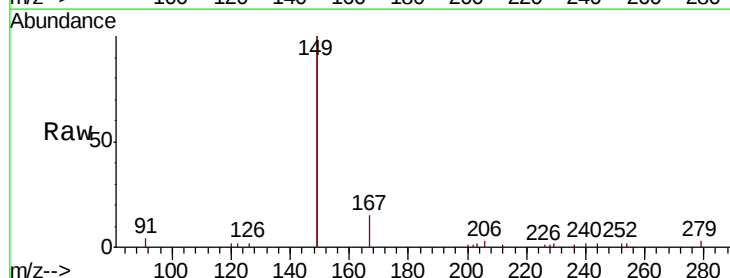
Tgt Ion:149 Resp: 8279

Ion Ratio Lower Upper

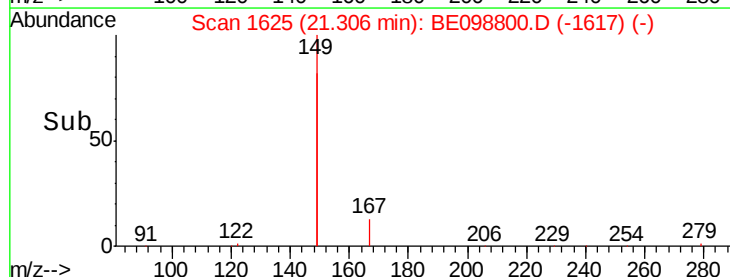
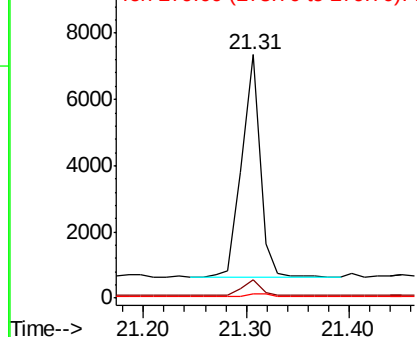
149 100

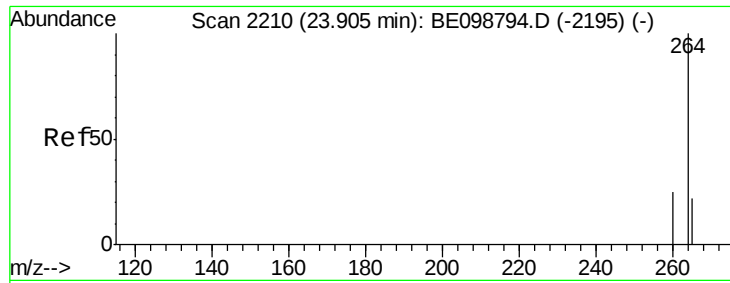
167 7.2 5.4 8.0

279 1.1 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

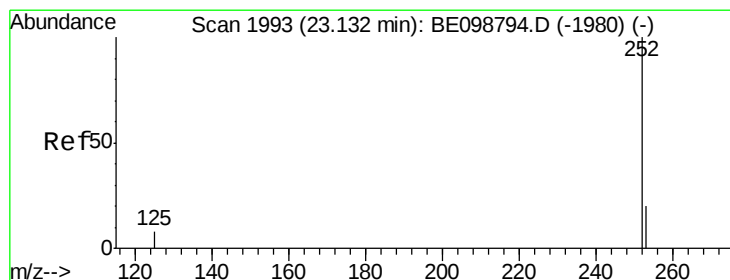
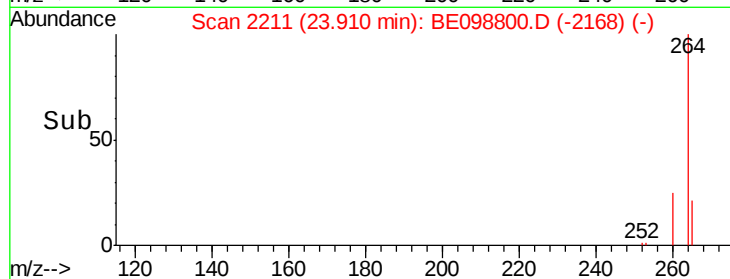
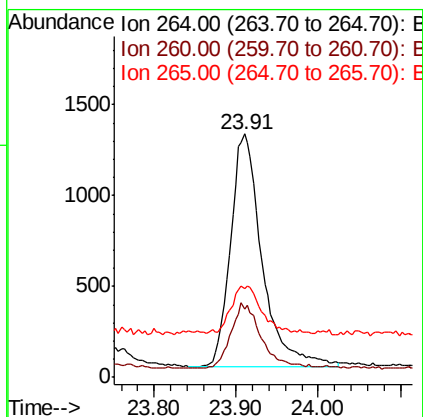
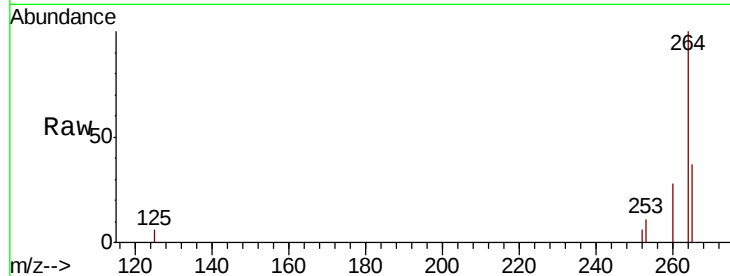




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BE098800.D
 Acq: 6 Mar 2019 16:18

Instrument :
 BNA_E
 ClientSampleId :
 M2-T4-OZ(POST)

Tgt Ion: 264 Resp: 3422
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.2 31.8
 265 36.6 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.025 ng
 RT: 23.15 min Scan# 1998
 Delta R.T. 0.02 min
 Lab File: BE098800.D
 Acq: 6 Mar 2019 16:18

Tgt Ion: 252 Resp: 284
 Ion Ratio Lower Upper
 252 100
 253 97.3 18.2 27.2#
 125 183.9 7.3 10.9#

