

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099037.D
 Acq On : 19 Mar 2019 16:12
 Operator : JU/SJ
 Sample : K1945-08RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

Quant Time: Mar 20 05:11:19 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

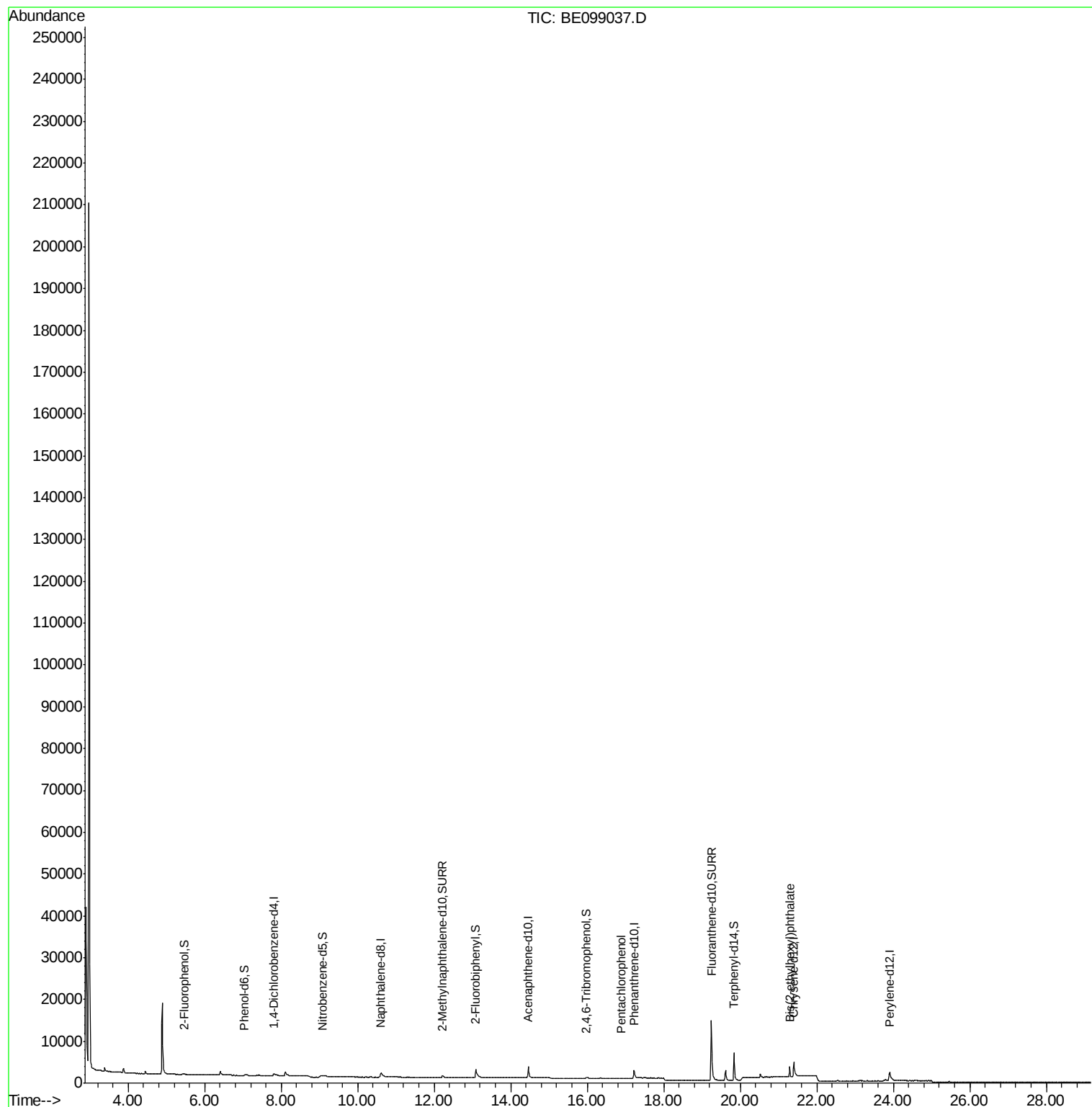
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	579	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	2797	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2171	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	4662	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5710	0.40	ng	0.00
34) Perylene-d12	23.90	264	5054	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	207	0.12	ng	0.07
5) Phenol-d6	7.04	99	94	0.04	ng	0.06
8) Nitrobenzene-d5	9.07	82	782	0.27	ng	0.10
11) 2-Methylnaphthalene-d10	12.22	152	1855	0.36	ng	0.03
14) 2,4,6-Tribromophenol	15.97	330	353	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4486	0.50	ng	0.00
25) Fluoranthene-d10	19.24	212	27668	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	7605	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	6	Below Cal	#	1
22) Pentachlorophenol	16.89	266	2	0.266 ng		84
32) Bis(2-ethylhexyl)phthalate	21.29	149	2735	0.072 ng	#	99

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

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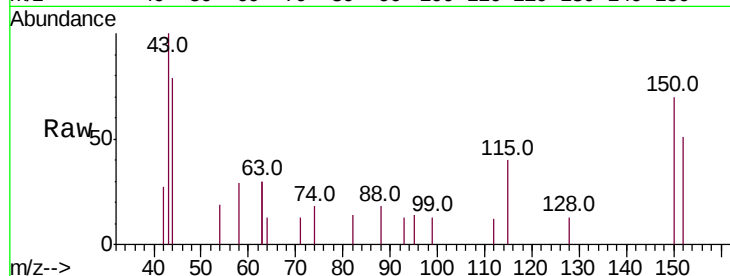


#1

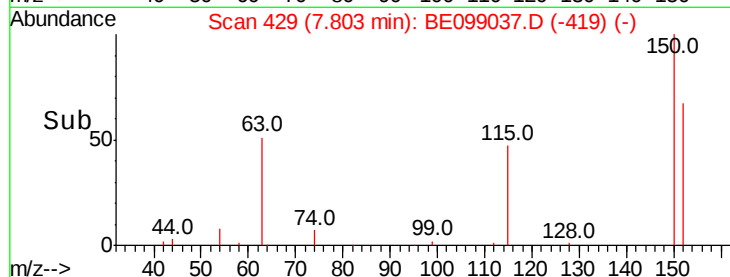
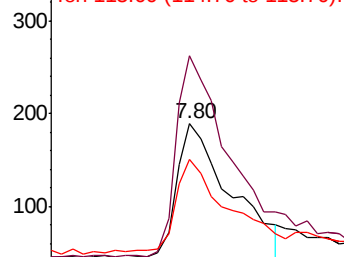
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE099037.D
 Acq: 19 Mar 2019 16:12

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

Tot Ion:152 Resp: 579
 Ion Ratio Lower Upper
 152 100
 150 138.6 122.5 183.7
 115 79.9 57.4 86.2



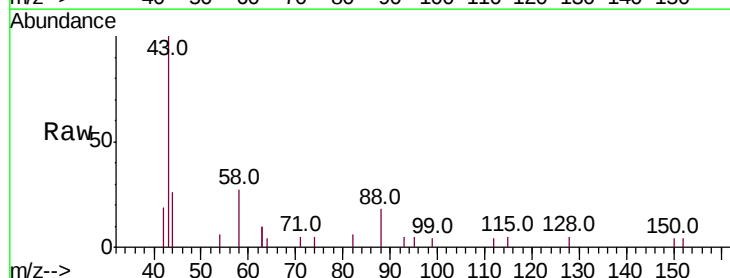
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



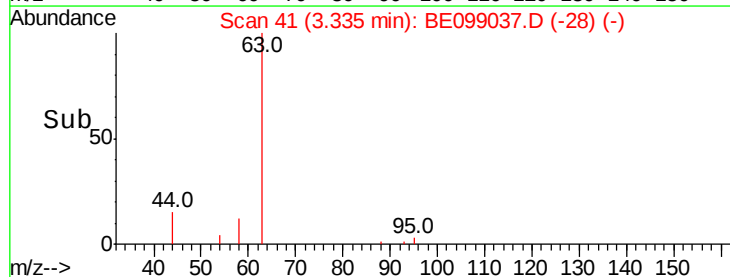
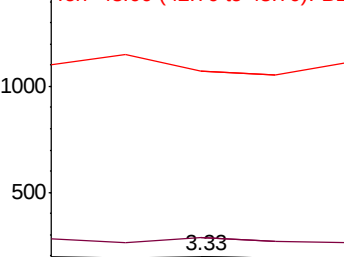
#2

1,4-Dioxane
 Concen: Below Cal
 RT: 3.33 min Scan# 41
 Delta R.T. 0.05 min
 Lab File: BE099037.D
 Acq: 19 Mar 2019 16:12

Tgt Ion: 88 Resp: 6
 Ion Ratio Lower Upper
 88 100
 58 433.3 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: 0.120 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.07 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

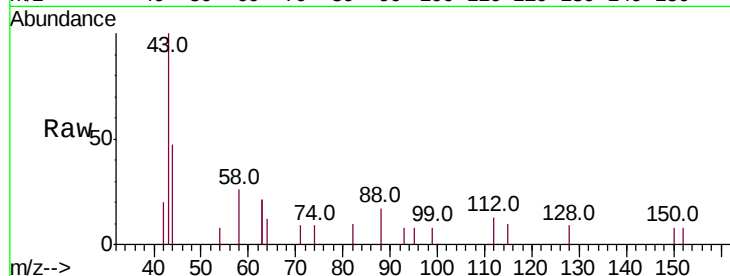
Tot Ion:112 Resp: 207

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

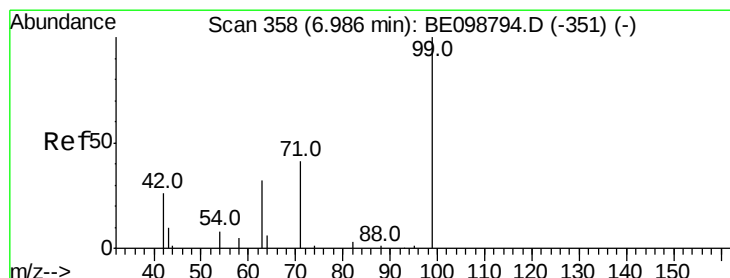
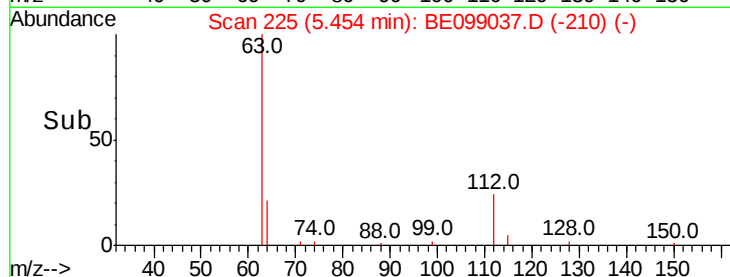
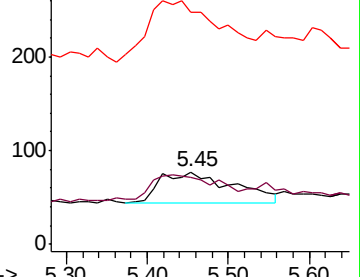
63 0.0 158.3 237.5#



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: 0.038 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

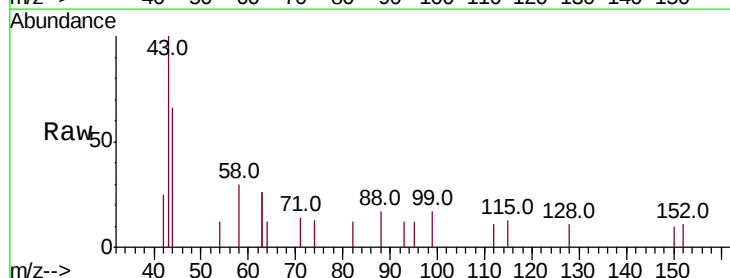
Tgt Ion: 99 Resp: 94

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

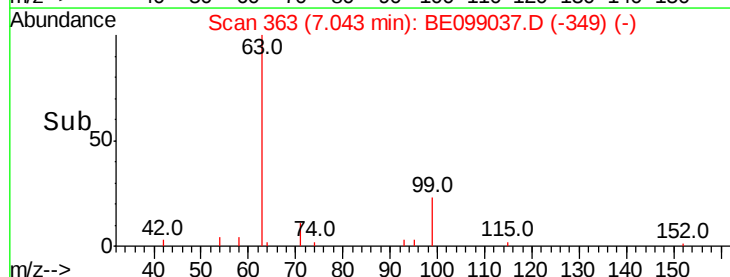
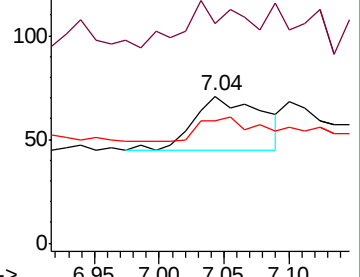
71 64.9 35.7 53.5#



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: BE099037.D

Acq: 19 Mar 2019 16:12

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

Tot Ion:136 Resp: 2797

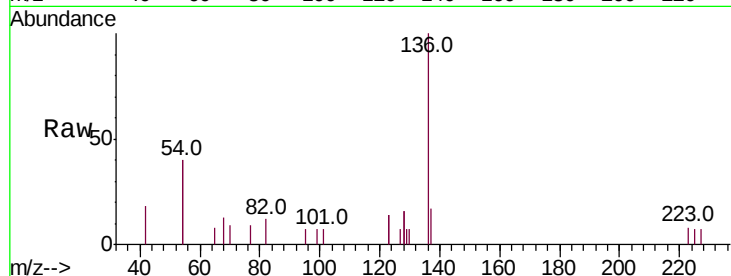
Ion Ratio Lower Upper

136 100

137 16.6 11.4 17.0

54 80.7 39.3 58.9#

68 12.7 6.7 10.1#

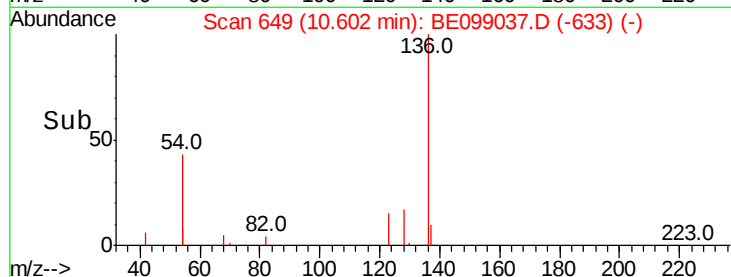


Abundance Ion 136.00 (135.70 to 136.70): E

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



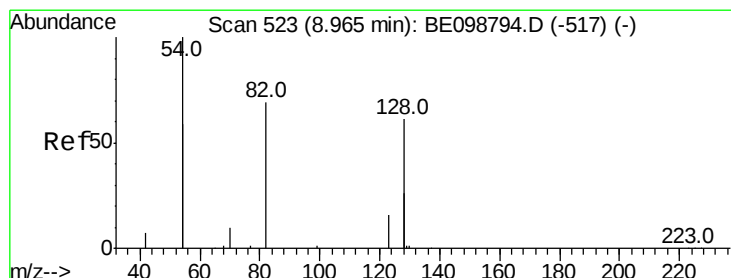
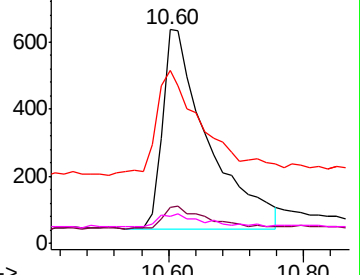
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.267 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.10 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

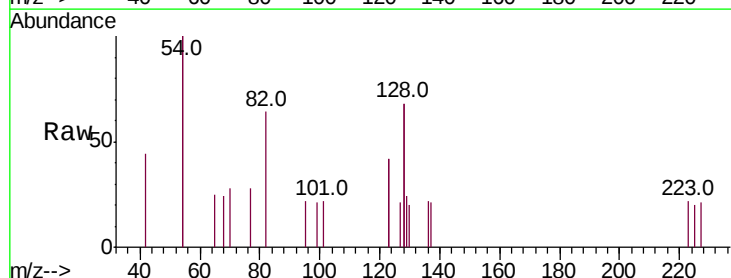
Tgt Ion: 82 Resp: 782

Ion Ratio Lower Upper

82 100

128 211.6 123.8 185.8#

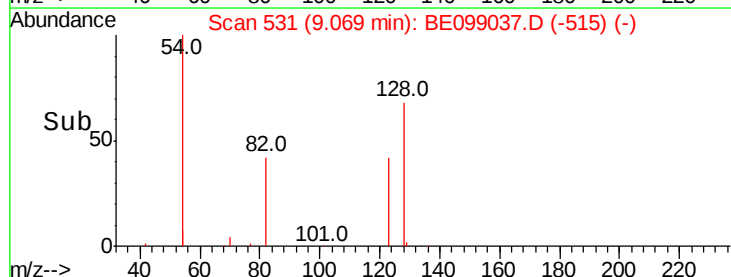
54 313.0 203.4 305.2#



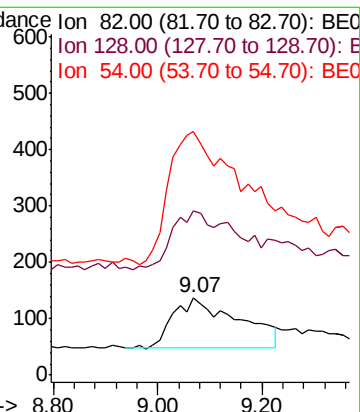
Abundance Ion 82.00 (81.70 to 82.70): BE0

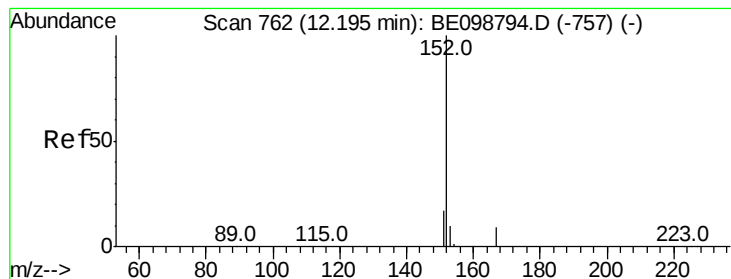
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->

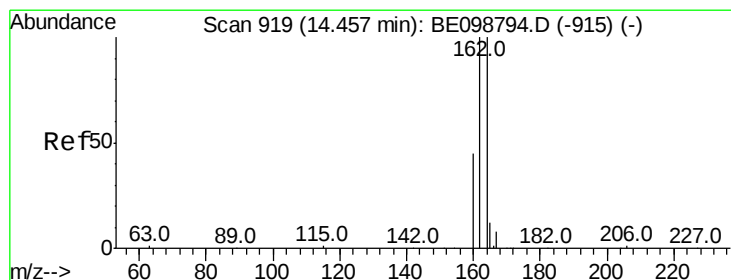
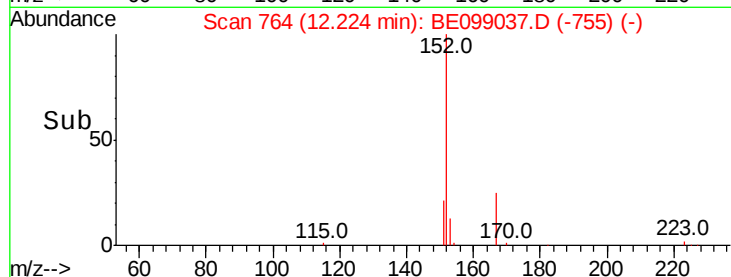
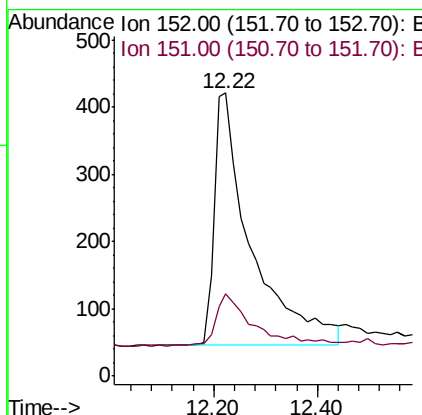
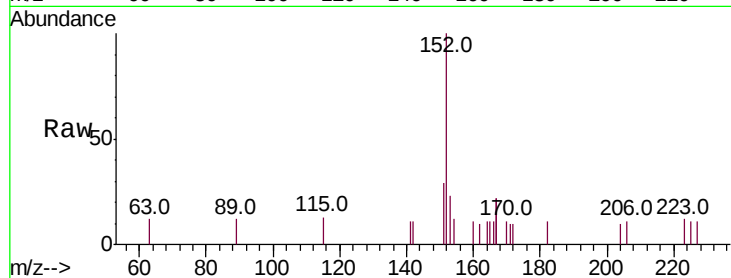




#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.03 min
 Lab File: BE099037.D
 Acq: 19 Mar 2019 16:12

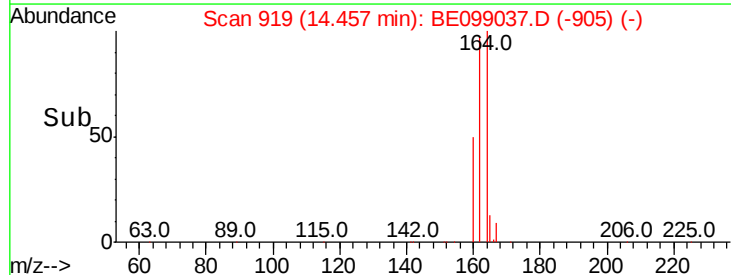
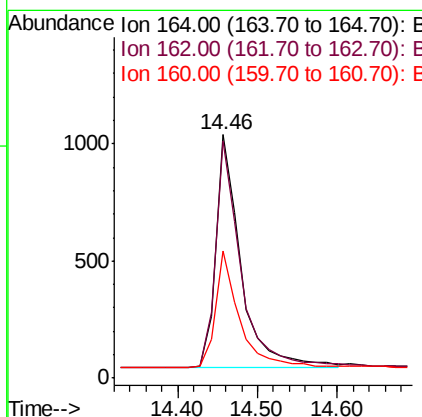
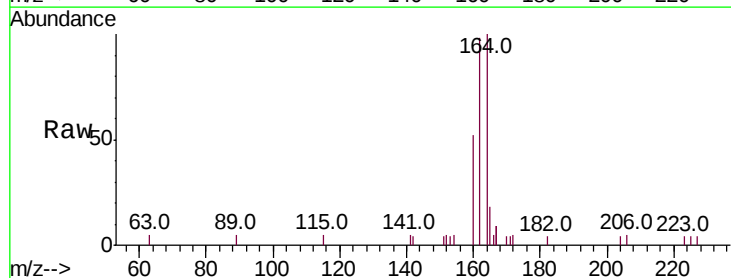
Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

Tot Ion:152 Resp: 1855
 Ion Ratio Lower Upper
 152 100
 151 20.1 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: BE099037.D
 Acq: 19 Mar 2019 16:12

Tgt Ion:164 Resp: 2171
 Ion Ratio Lower Upper
 164 100
 162 97.6 80.2 120.2
 160 52.2 37.8 56.8

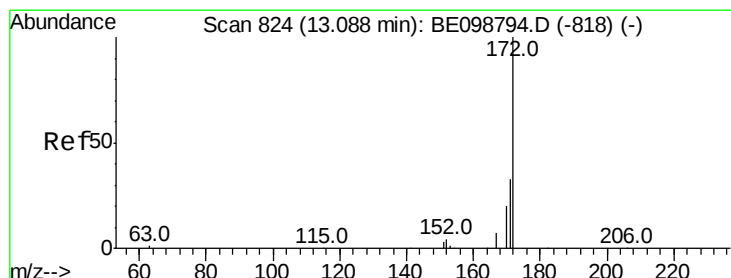
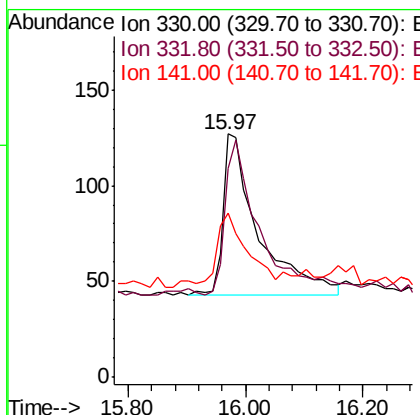
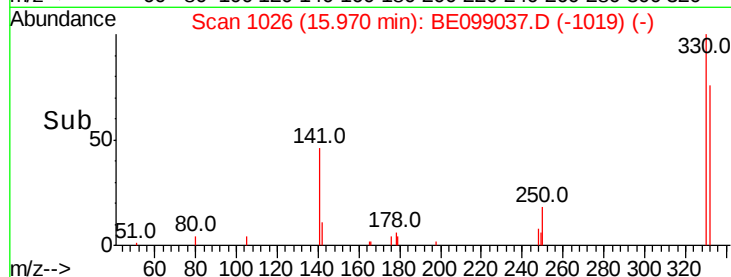
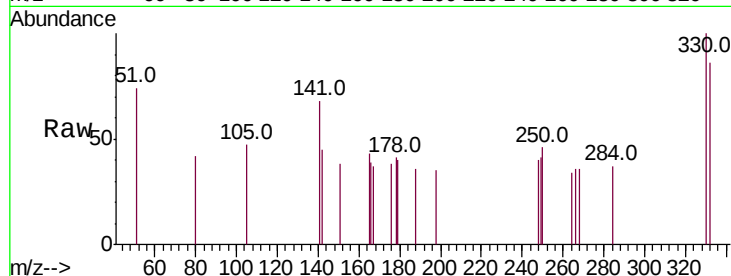




#14
 2,4,6-Tribromophenol
 Concen: 0.322 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099037.D
 Acq: 19 Mar 2019 16:12

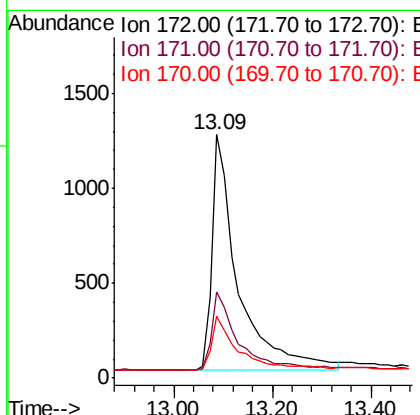
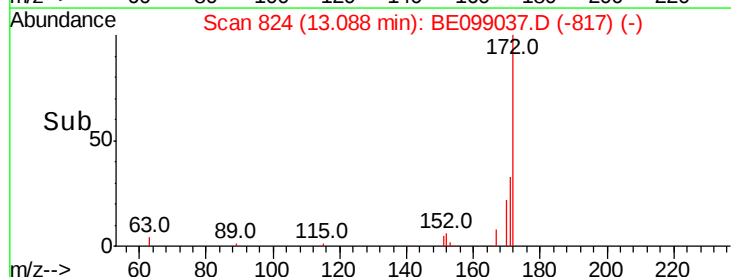
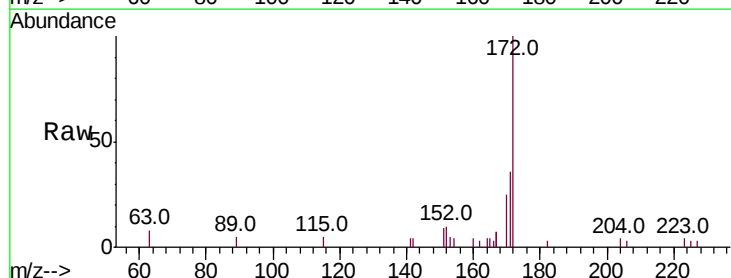
Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

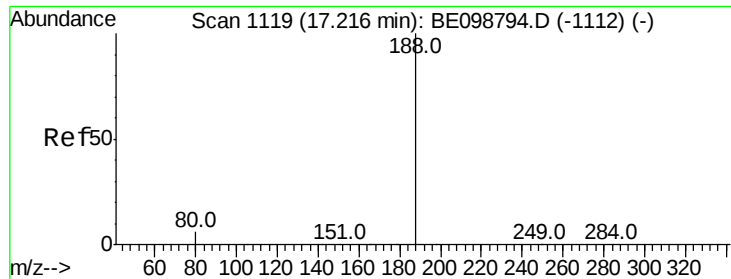
Tot Ion:330 Resp: 353
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.6 116.4
 141 34.8 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.499 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099037.D
 Acq: 19 Mar 2019 16:12

Tgt Ion:172 Resp: 4486
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.0 42.0
 170 25.2 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: BE099037.D

Acq: 19 Mar 2019 16:12

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

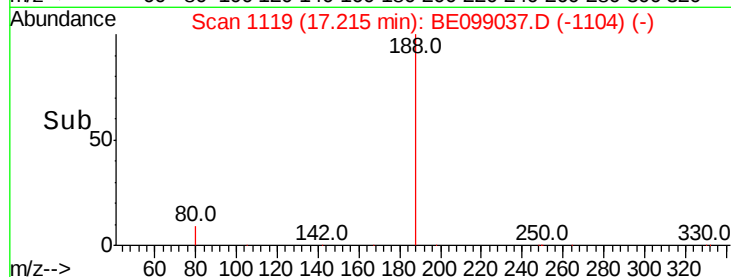
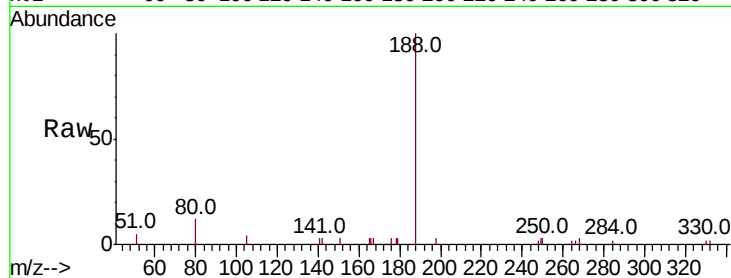
Tot Ion:188 Resp: 4662

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

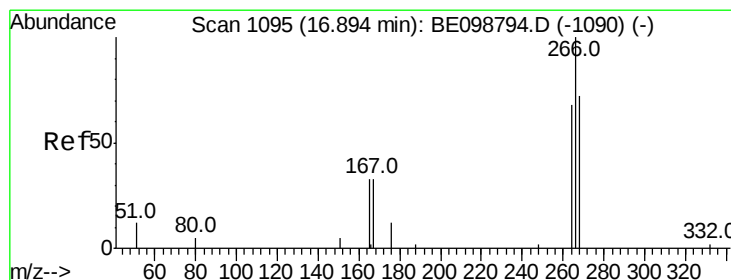
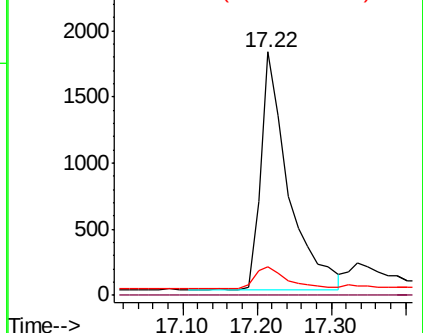
80 11.8 6.3 9.5#



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: 0.266 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

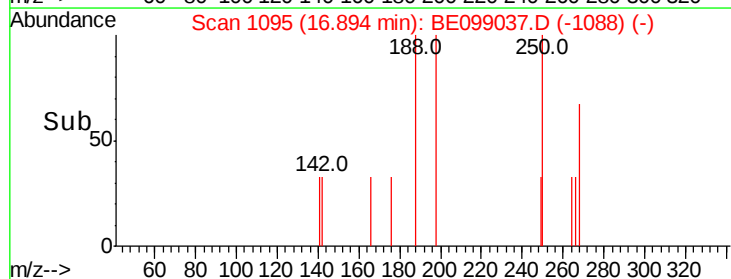
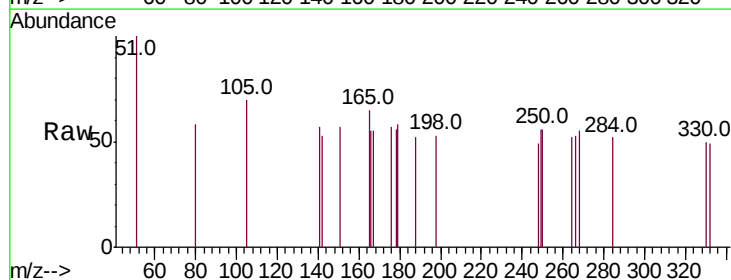
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 97.9 66.6 100.0

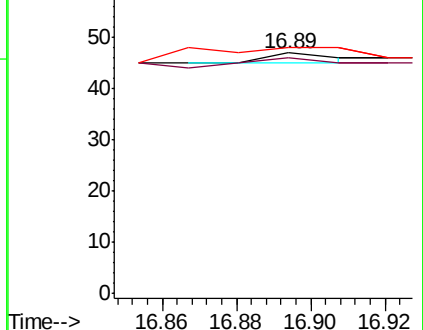
268 102.1 69.8 104.8

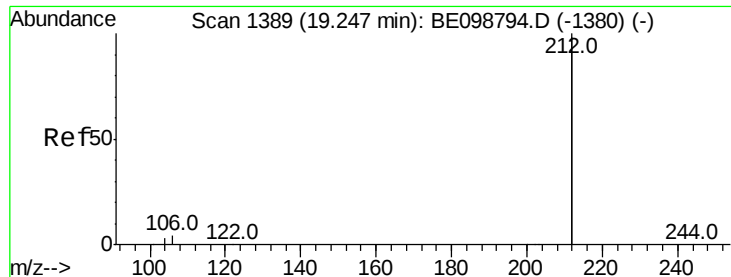


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

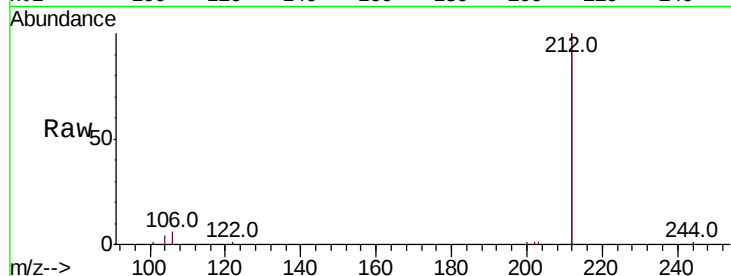
Tot Ion:212 Resp: 27668

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

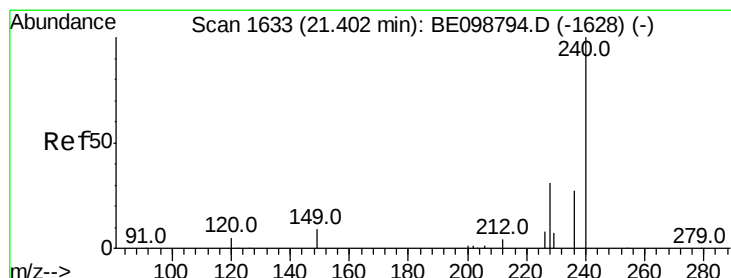
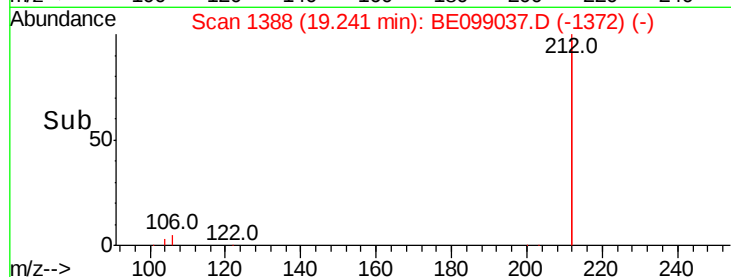
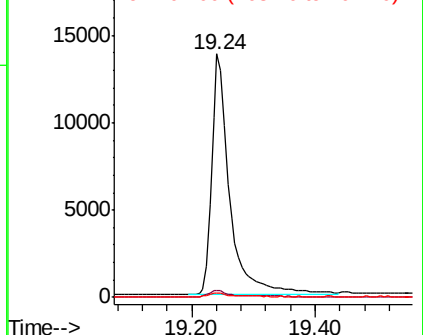
104 1.5 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

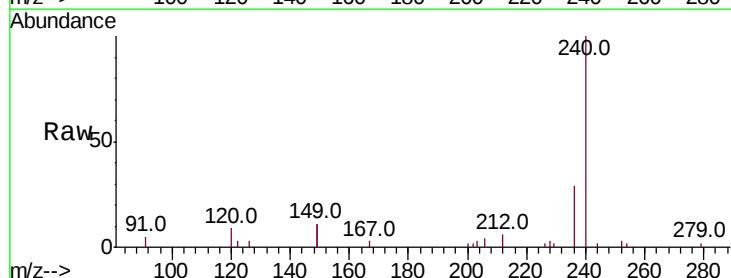
Tgt Ion:240 Resp: 5710

Ion Ratio Lower Upper

240 100

120 9.2 5.0 7.4#

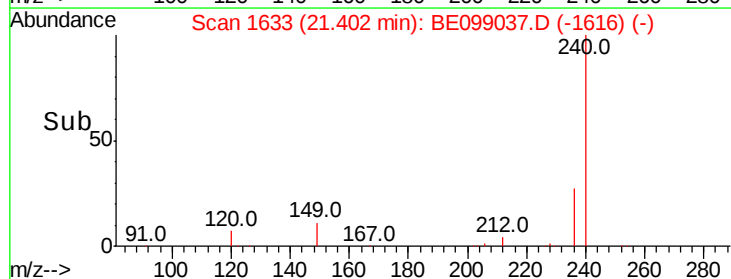
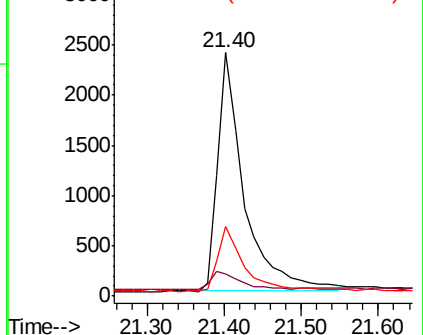
236 28.7 22.7 34.1

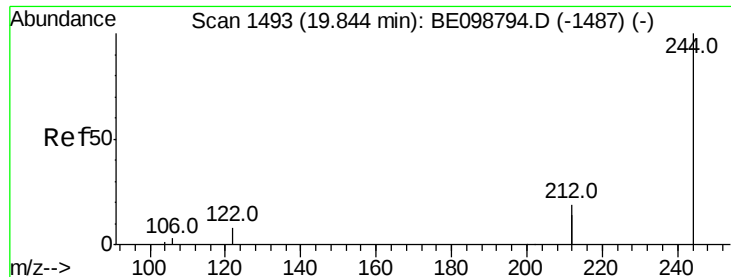


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.548 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

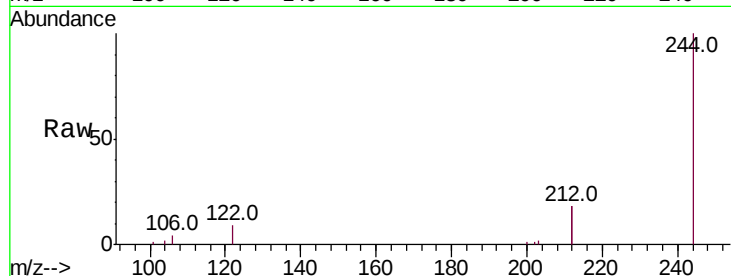
Tot Ion:244 Resp: 7605

Ion Ratio Lower Upper

244 100

212 36.4 29.4 44.2

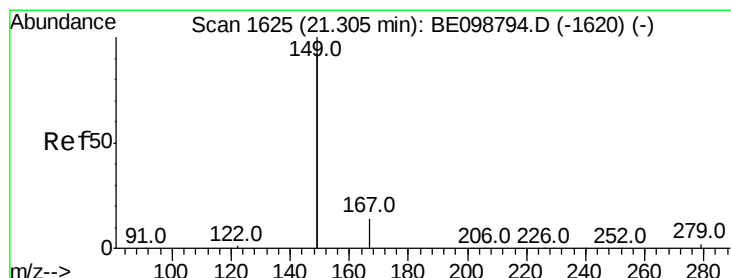
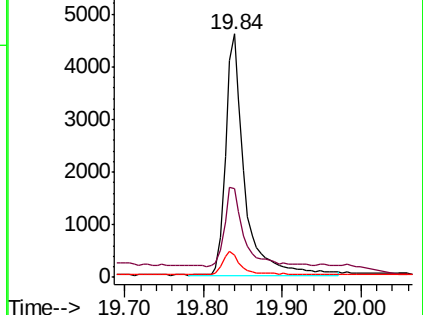
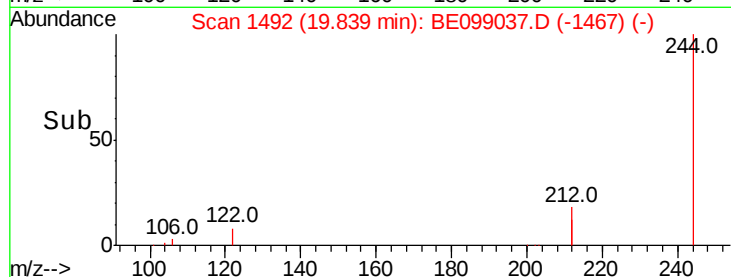
122 8.9 7.1 10.7



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: 0.072 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099037.D

Acq: 19 Mar 2019 16:12

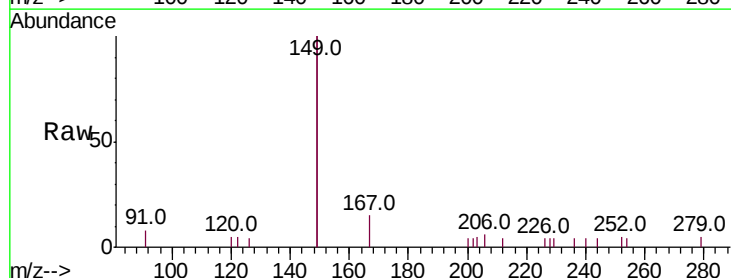
Tgt Ion:149 Resp: 2735

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

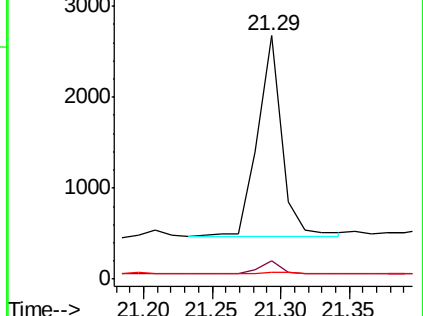
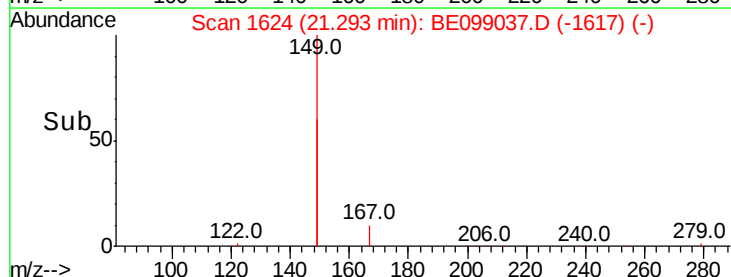
279 1.6 1.0 1.4#

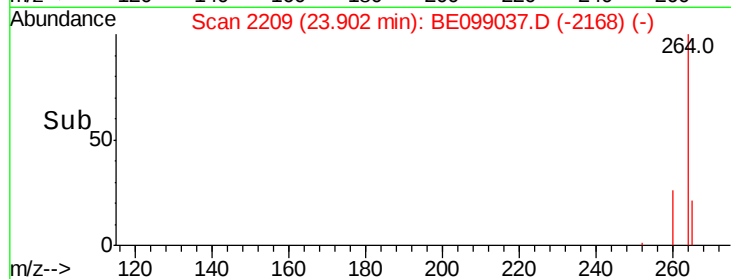
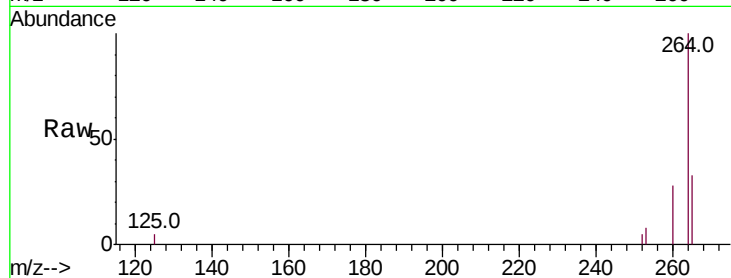


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE099037.D
 Acq: 19 Mar 2019 16:12

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

Tot Ion:264 Resp: 5054
 Ion Ratio Lower Upper
 264 100
 260 28.5 21.2 31.8
 265 33.4 24.6 36.8

