

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
 Data File : BE099071.D
 Acq On : 20 Mar 2019 16:31
 Operator : JU/SJ
 Sample : K1985-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB03-20190317

Quant Time: Mar 20 17:51:30 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

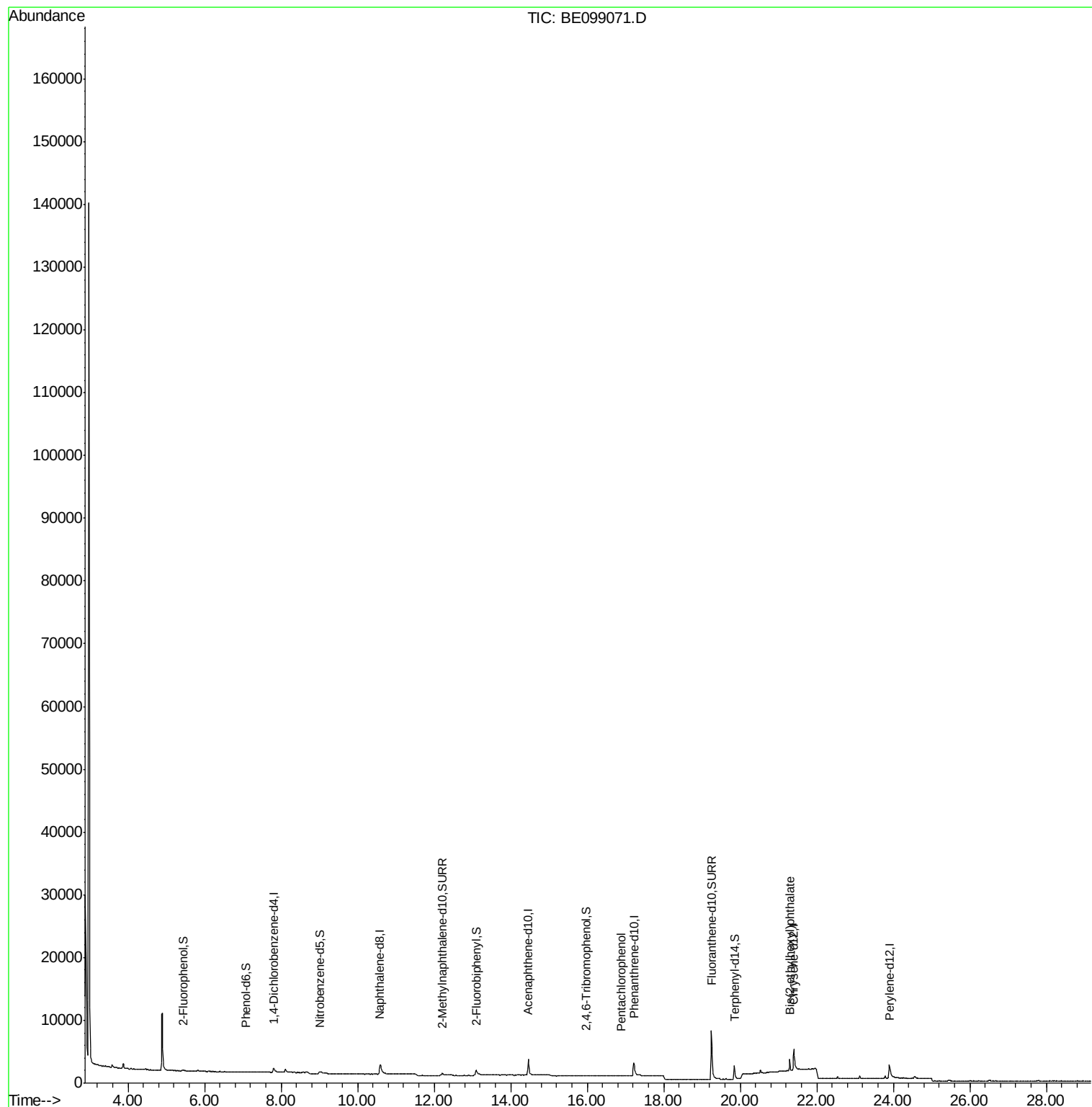
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	647	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3313	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2350	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5572	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6297	0.40	ng	0.00
34) Perylene-d12	23.90	264	5444	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	119	0.06	ng	0.05
5) Phenol-d6	7.09	99	67	0.02	ng	0.11
8) Nitrobenzene-d5	9.02	82	497	0.14	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1245	0.20	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	181	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2127	0.22	ng	0.01
25) Fluoranthene-d10	19.25	212	17002	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	3055	0.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	53	Below Cal		Qvalue # 11
22) Pentachlorophenol	16.88	266	6	0.269 ng		87
32) Bis(2-ethylhexyl)phthalate	21.29	149	2108	0.050 ng		100

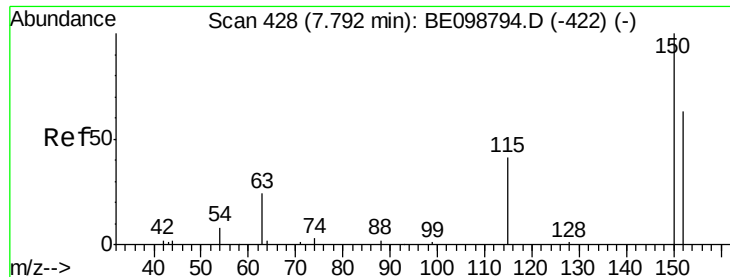
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



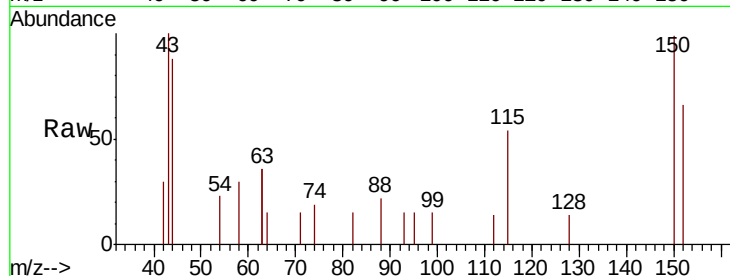


#1

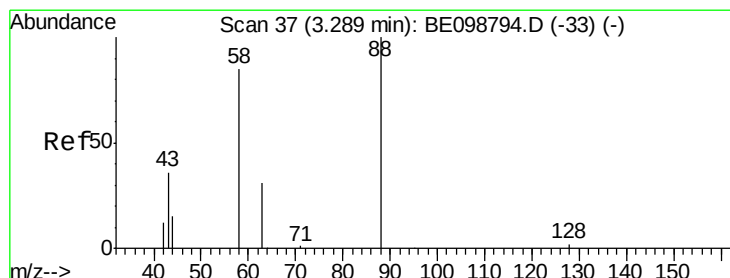
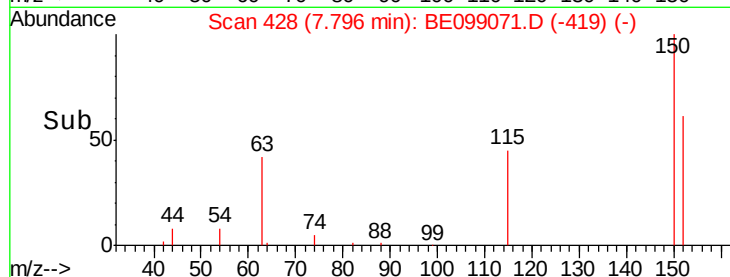
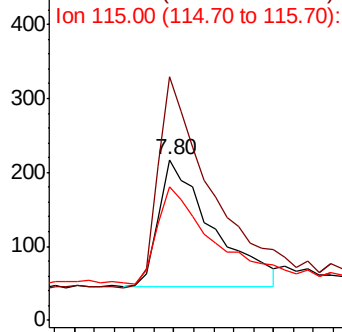
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099071.D
Acq: 20 Mar 2019 16:31

Instrument :
BNA_E
ClientSampleId :
BP-EB03-20190317

Tot Ion:152 Resp: 647
Ion Ratio Lower Upper
152 100
150 151.6 122.5 183.7
115 82.9 57.4 86.2



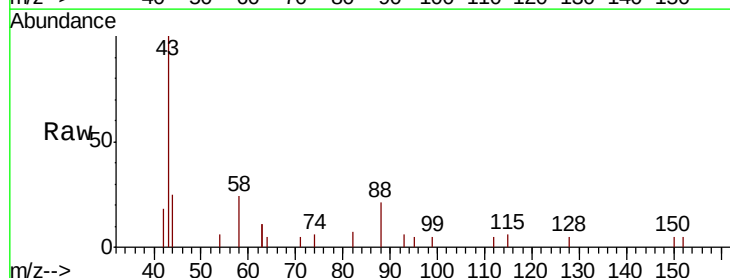
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



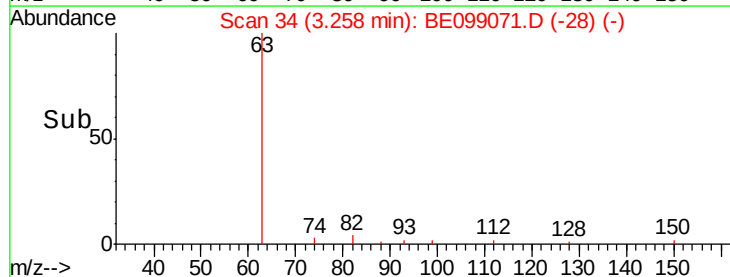
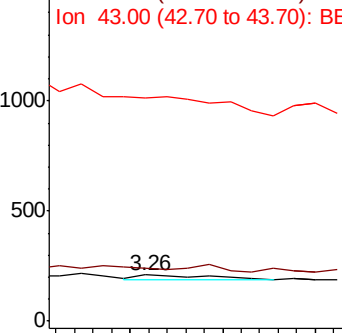
#2

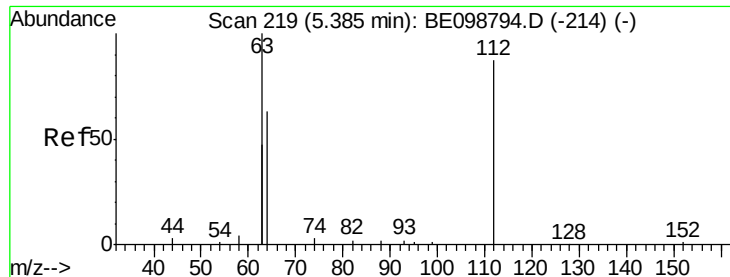
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 34
Delta R.T. -0.03 min
Lab File: BE099071.D
Acq: 20 Mar 2019 16:31

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
58 0.0 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





#4

2-Fluorophenol

Concen: 0.062 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190317

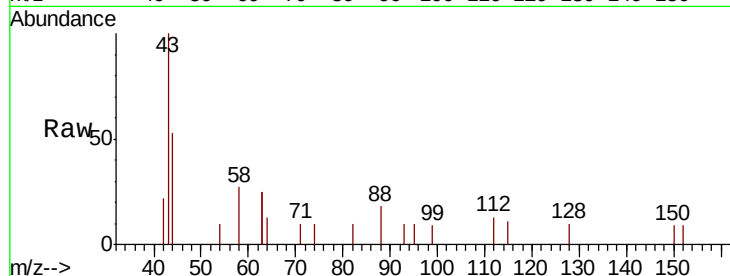
Tot Ion:112 Resp: 119

Ion Ratio Lower Upper

112 100

64 95.0 57.9 86.9#

63 230.3 158.3 237.5



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

300

200

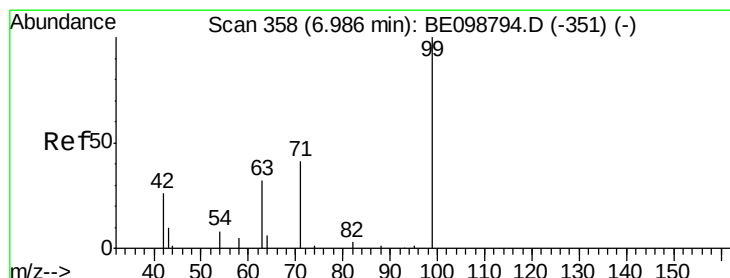
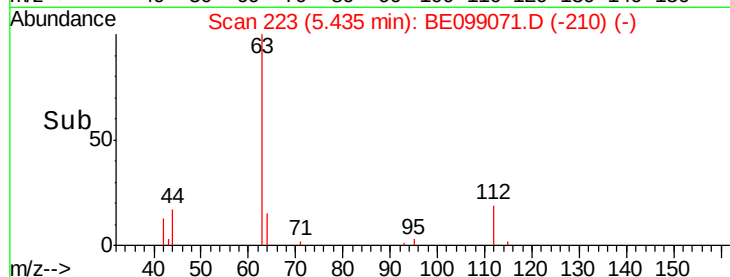
100

0

5.30 5.40 5.50

5.43

Time-->



#5

Phenol-d6

Concen: 0.025 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.11 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

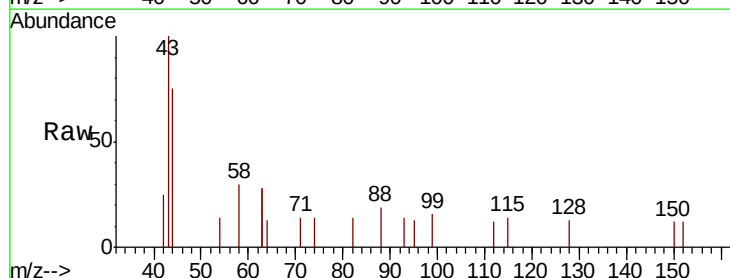
Tgt Ion: 99 Resp: 67

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

100

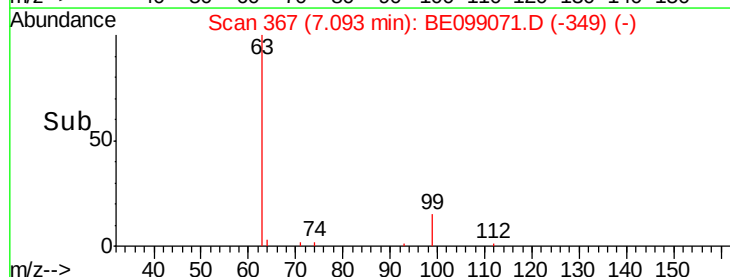
50

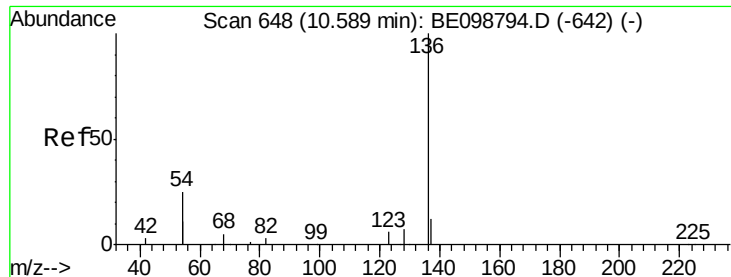
0

6.90 7.00 7.10

7.09

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190317

Tot Ion:136 Resp: 3313

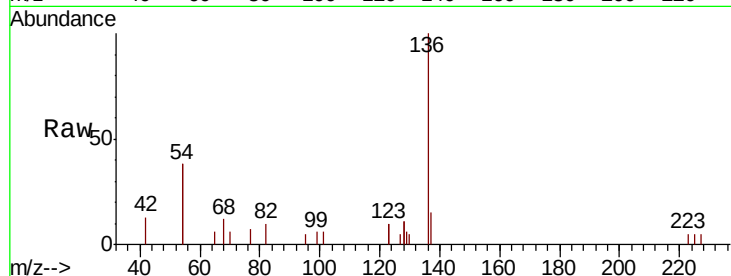
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 76.4 39.3 58.9#

68 11.8 6.7 10.1#

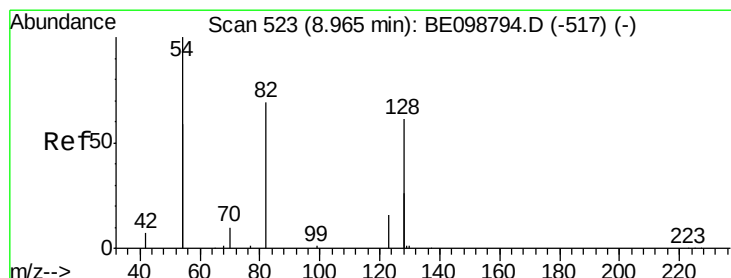
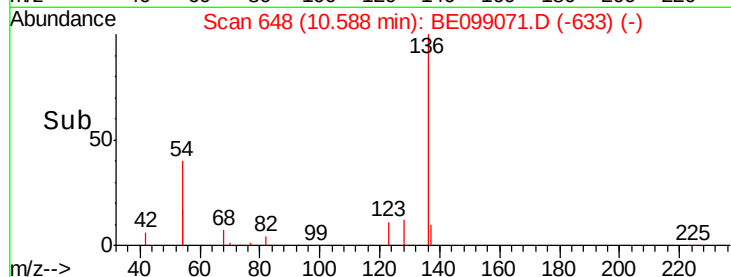
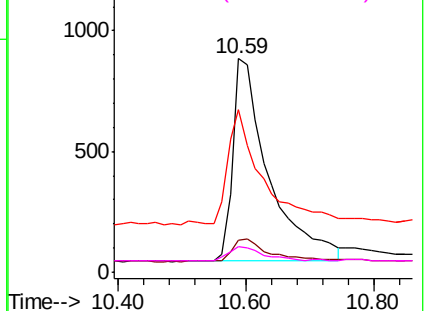


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.143 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

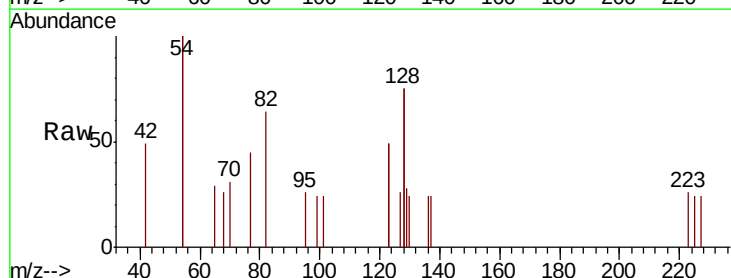
Tgt Ion: 82 Resp: 497

Ion Ratio Lower Upper

82 100

128 233.9 123.8 185.8#

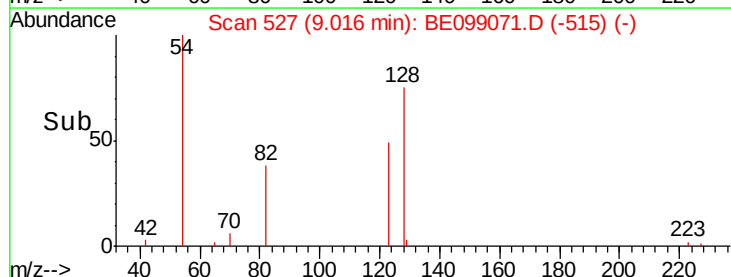
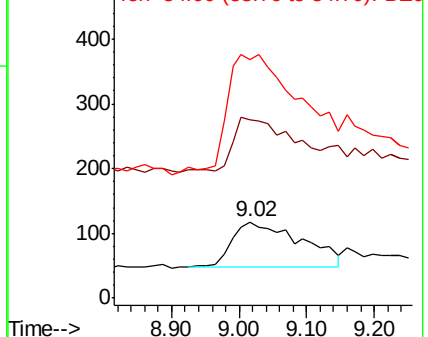
54 311.9 203.4 305.2#

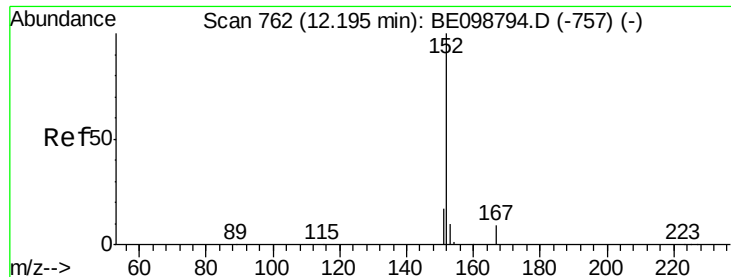


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

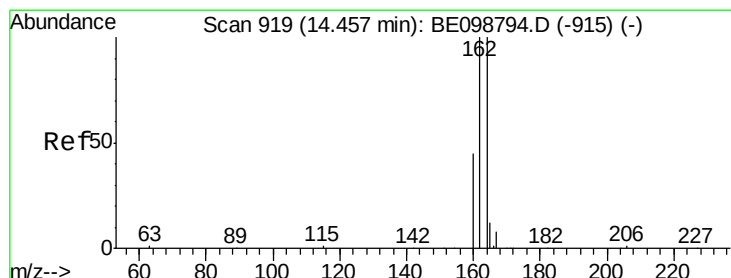
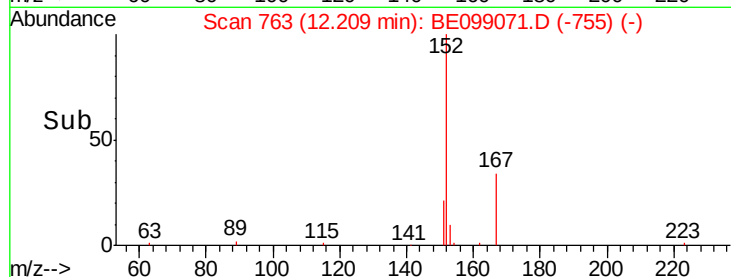
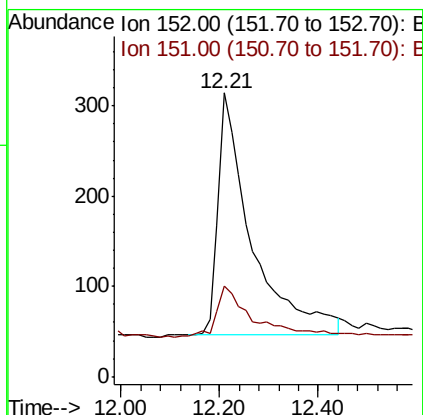
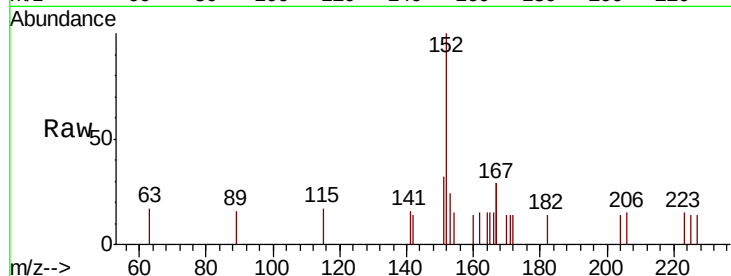




#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099071.D
Acq: 20 Mar 2019 16:31

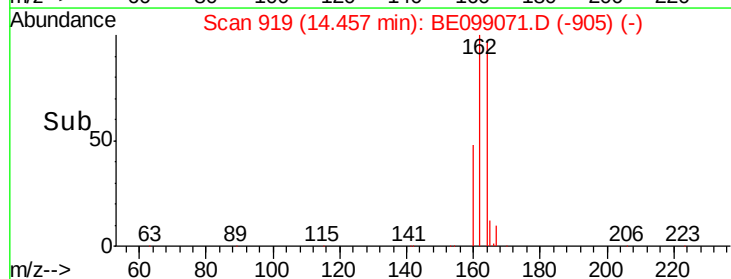
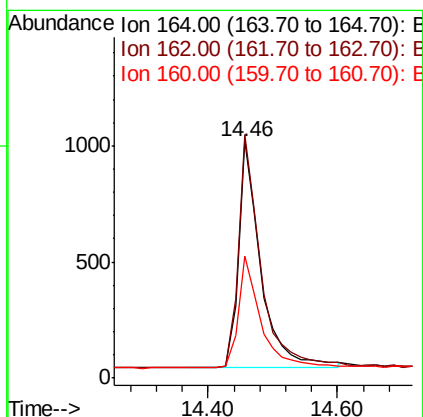
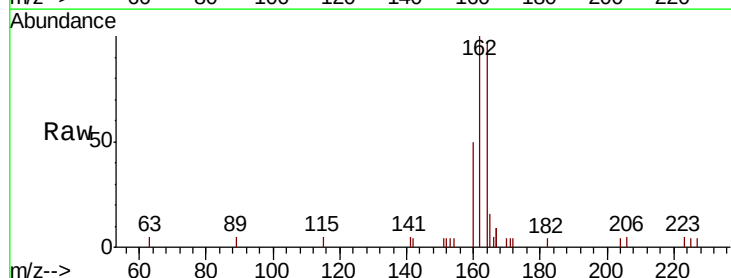
Instrument :
BNA_E
ClientSampleId :
BP-EB03-20190317

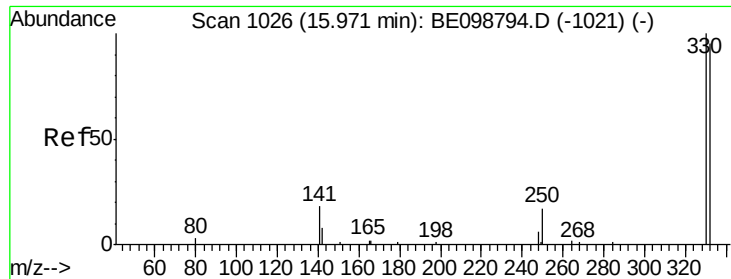
Tot Ion:152 Resp: 1245
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099071.D
Acq: 20 Mar 2019 16:31

Tgt Ion:164 Resp: 2350
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 51.4 37.8 56.8

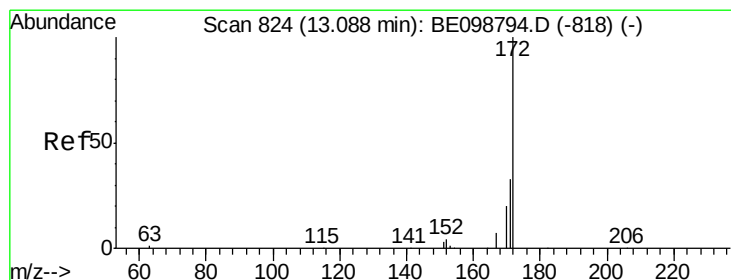
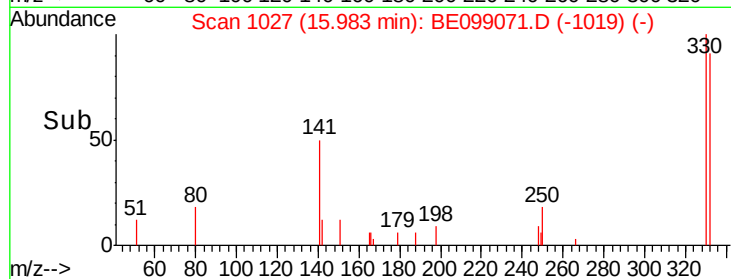
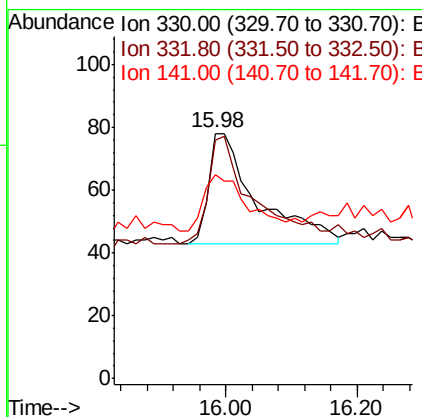
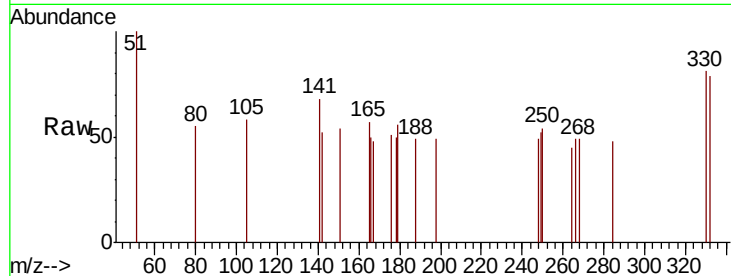




#14
 2,4,6-Tribromophenol
 Concen: 0.153 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099071.D
 Acq: 20 Mar 2019 16:31

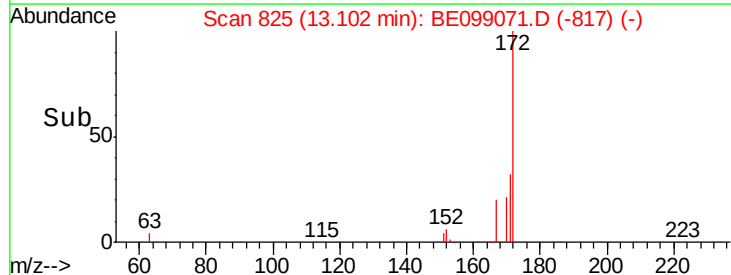
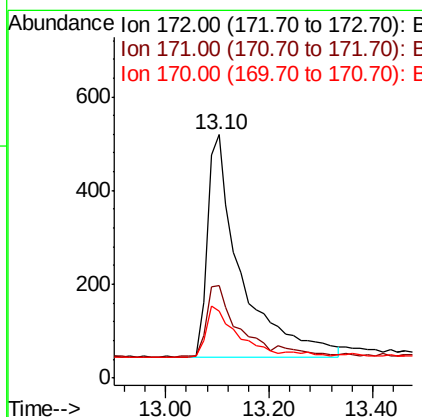
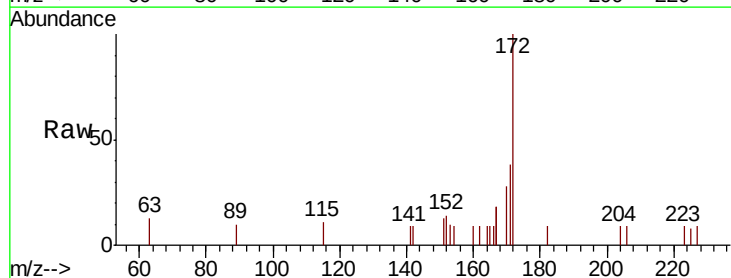
Instrument :
 BNA_E
 ClientSampleId :
 BP-EB03-20190317

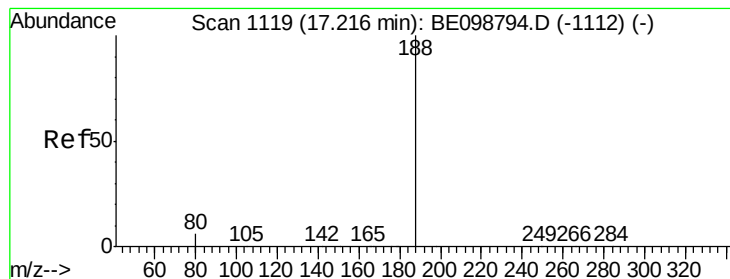
Tot Ion:330 Resp: 181
 Ion Ratio Lower Upper
 330 100
 332 92.3 77.6 116.4
 141 45.9 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.219 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE099071.D
 Acq: 20 Mar 2019 16:31

Tgt Ion:172 Resp: 2127
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.0 42.0
 170 27.6 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: BE099071.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190317

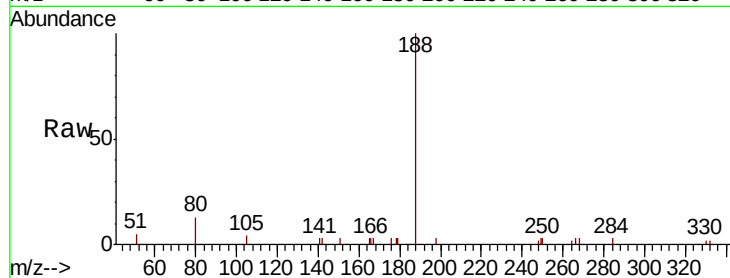
Tot Ion:188 Resp: 5572

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

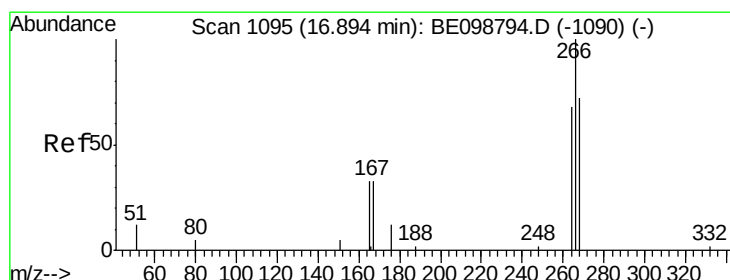
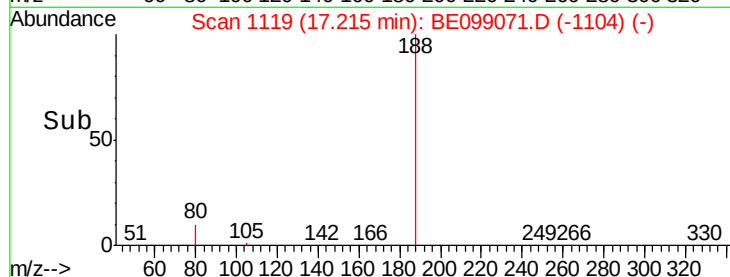
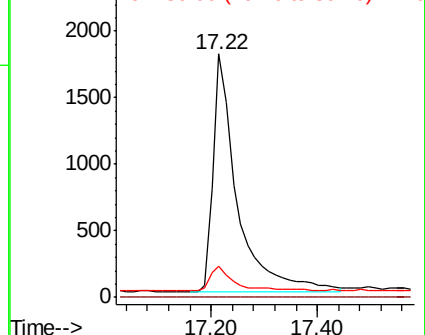
80 12.8 6.3 9.5#



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: 0.269 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

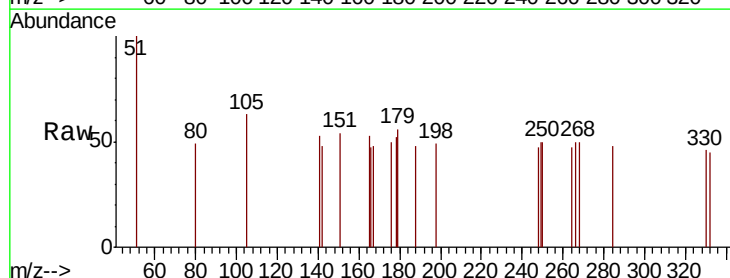
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

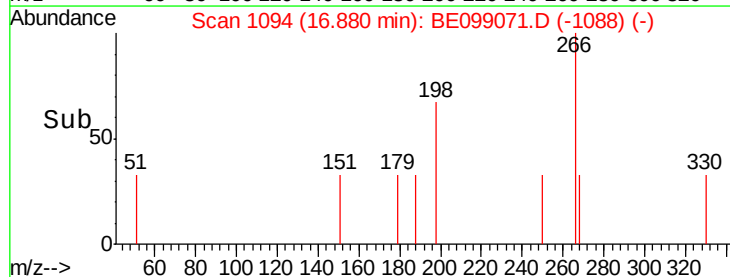
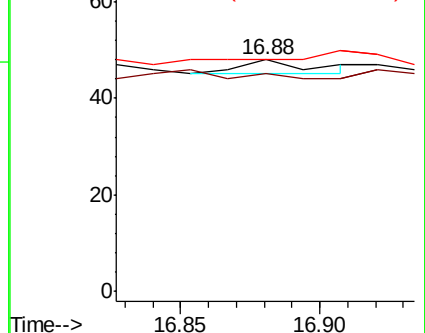
268 100.0 69.8 104.8

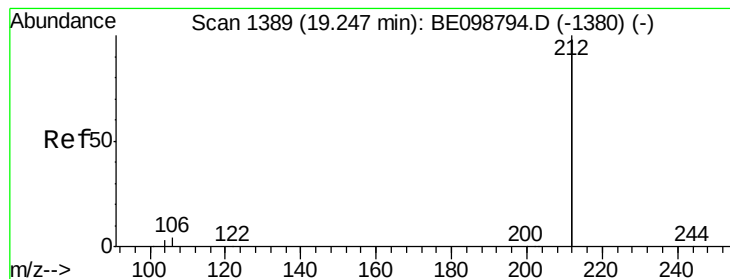


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.191 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

Instrument :

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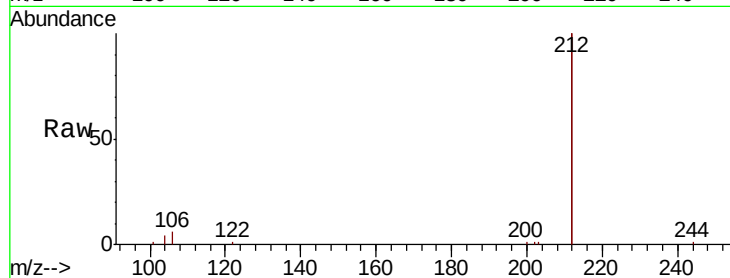
Tot Ion:212 Resp: 17002

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

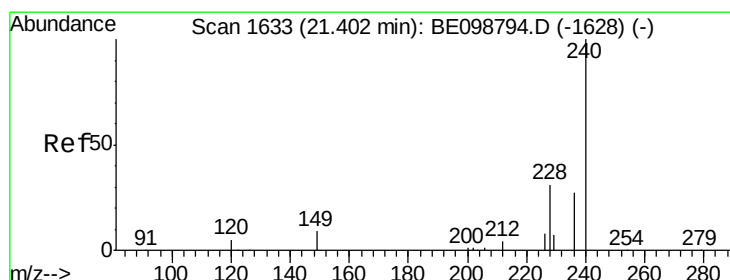
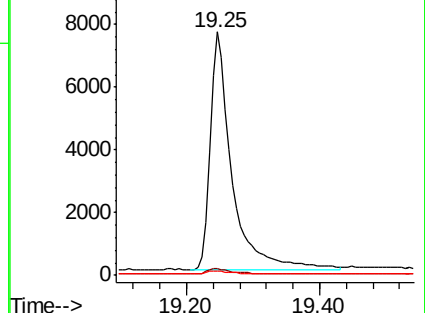
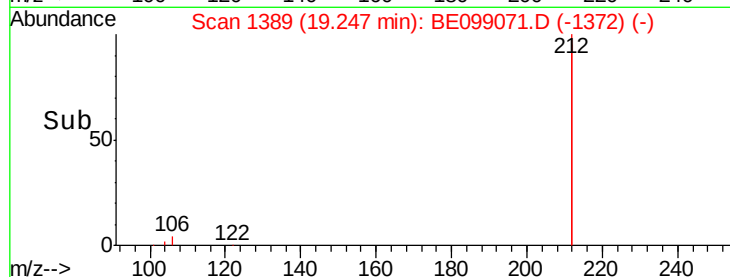
104 1.2 1.0 1.6



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: BE099071.D

Acq: 20 Mar 2019 16:31

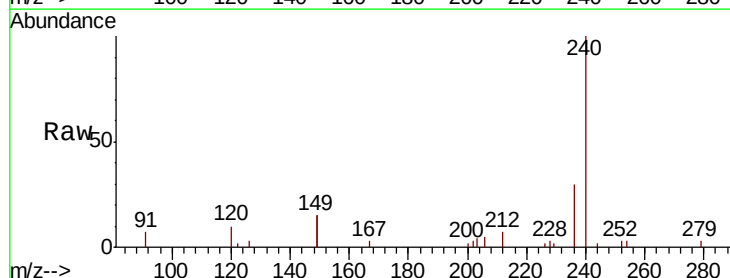
Tgt Ion:240 Resp: 6297

Ion Ratio Lower Upper

240 100

120 9.9 5.0 7.4#

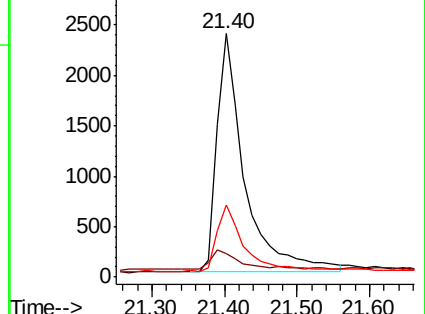
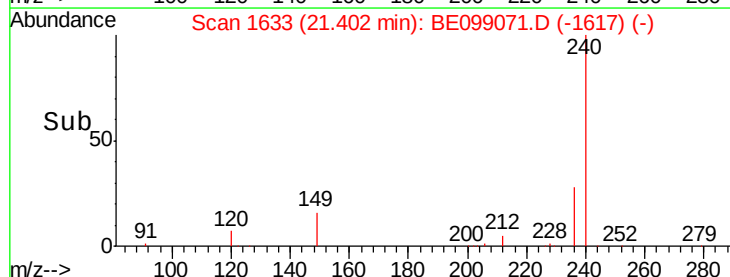
236 29.7 22.7 34.1

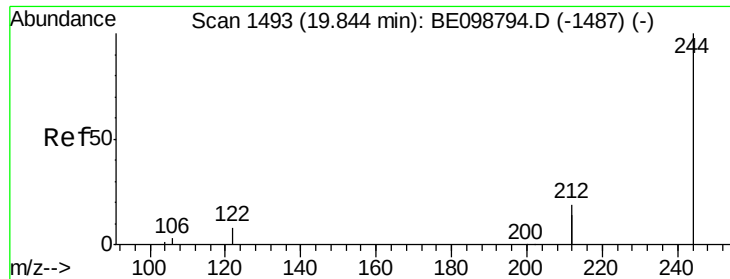


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.200 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190317

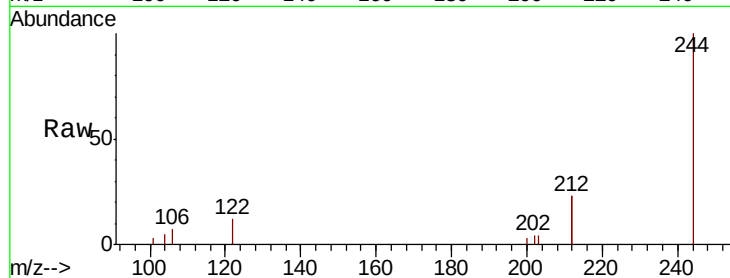
Tot Ion:244 Resp: 3055

Ion Ratio Lower Upper

244 100

212 46.0 29.4 44.2#

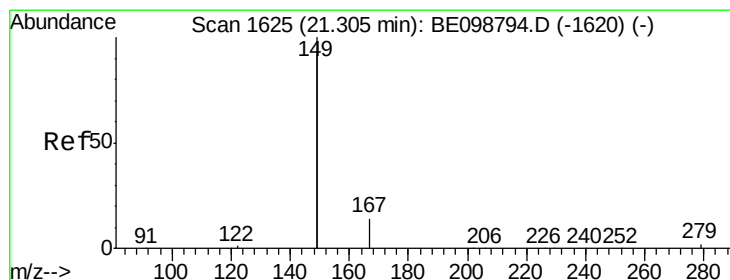
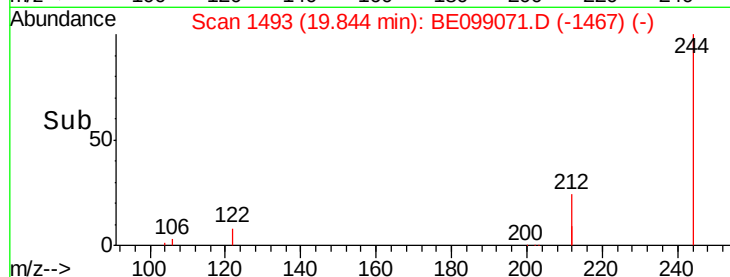
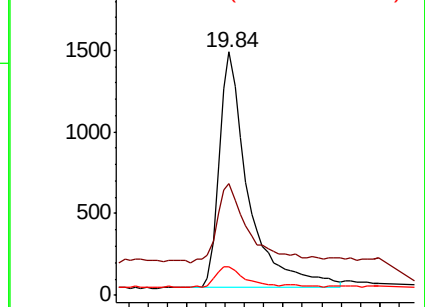
122 11.6 7.1 10.7#



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: 0.050 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099071.D

Acq: 20 Mar 2019 16:31

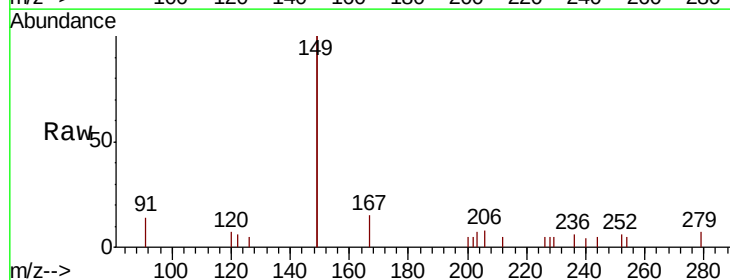
Tgt Ion:149 Resp: 2108

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

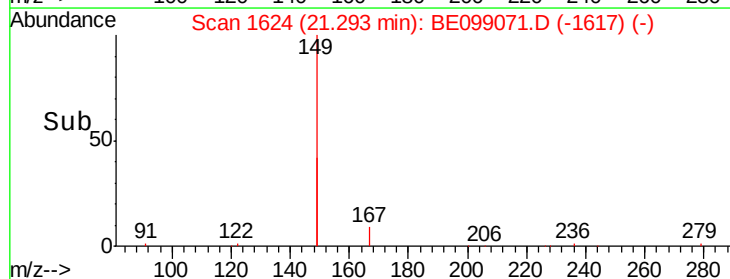
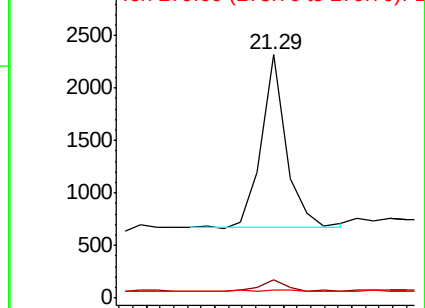
279 1.3 1.0 1.4

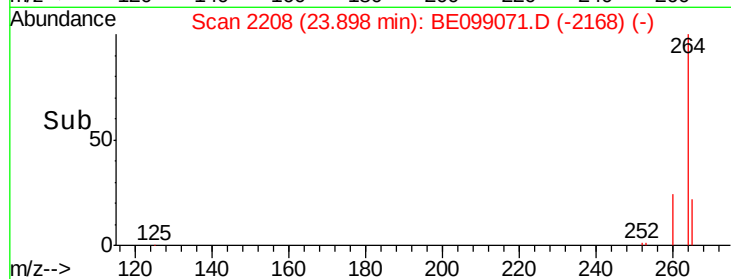
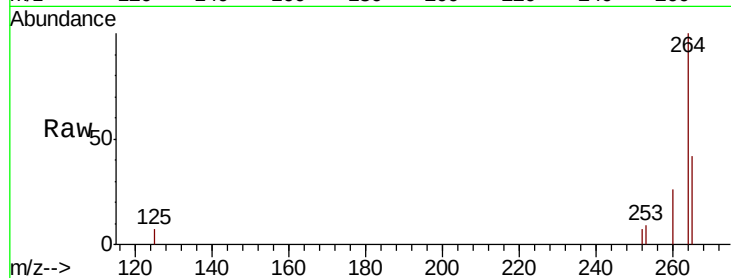
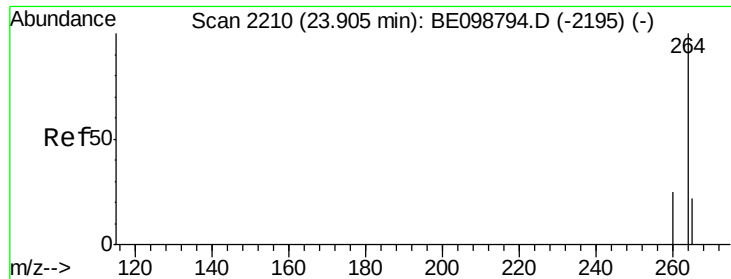


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2208
 Delta R.T. -0.01 min
 Lab File: BE099071.D
 Acq: 20 Mar 2019 16:31

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB03-20190317

Tot Ion:264 Resp: 5444
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 41.8 24.6 36.8#

