

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099006.D
 Acq On : 18 Mar 2019 18:26
 Operator : JU/SJ
 Sample : K19137-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303D-20190313

Quant Time: Mar 19 01:53:14 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

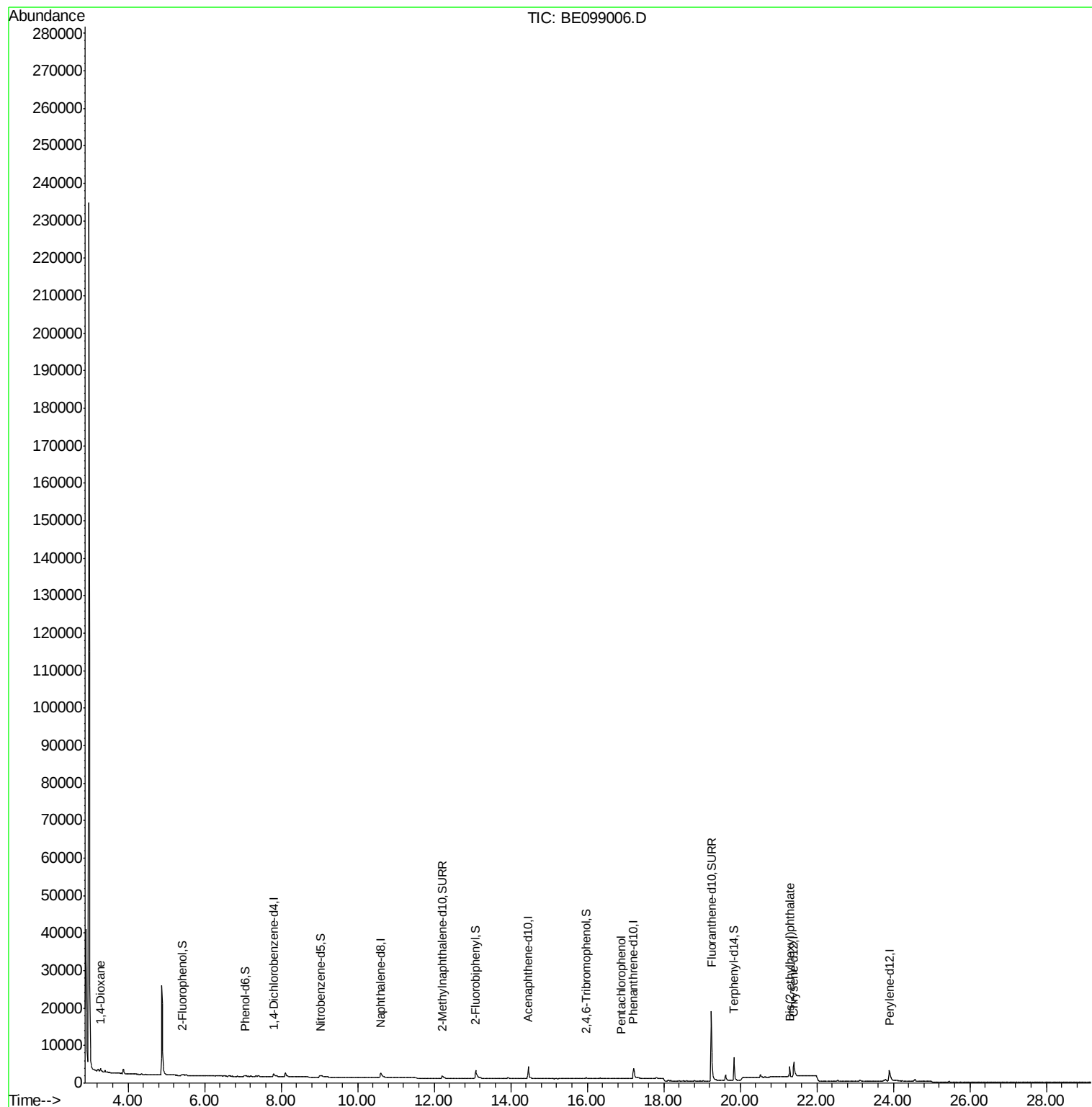
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	665	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3212	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2435	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5550	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6424	0.40	ng	0.00
34) Perylene-d12	23.90	264	5665	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	344	0.17	ng	0.03
5) Phenol-d6	7.05	99	201	0.07	ng	0.06
8) Nitrobenzene-d5	9.03	82	1016	0.30	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2318	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	345	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4262	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	33906	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	6878	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	482	0.366	ng	Qvalue # 78
22) Pentachlorophenol	16.88	266	6	0.269	ng	91
32) Bis(2-ethylhexyl)phthalate	21.29	149	3177	0.074	ng	100

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

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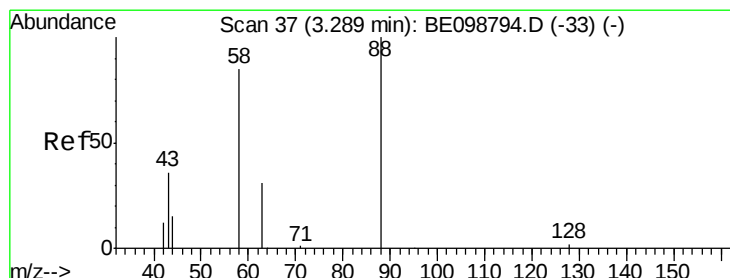
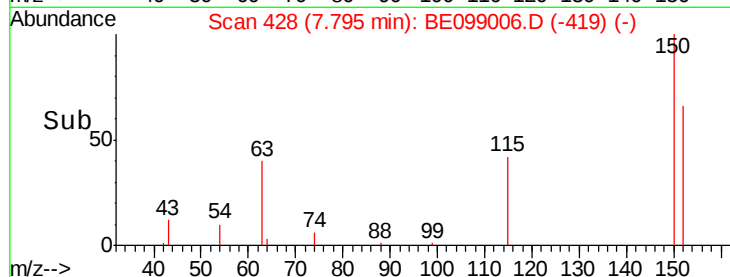
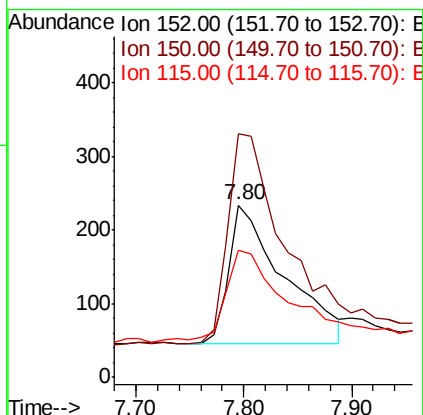
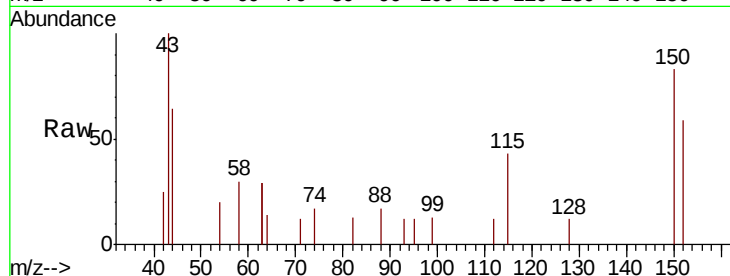


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303D-20190313

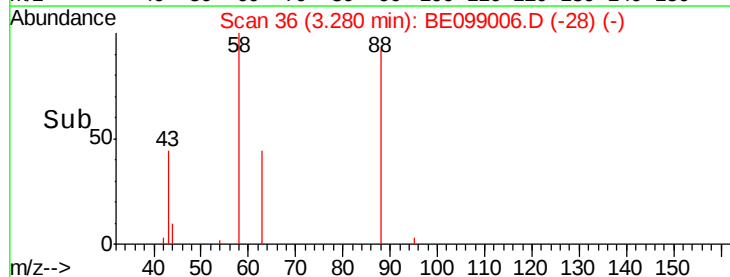
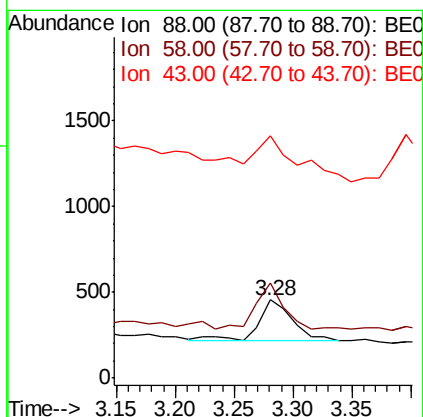
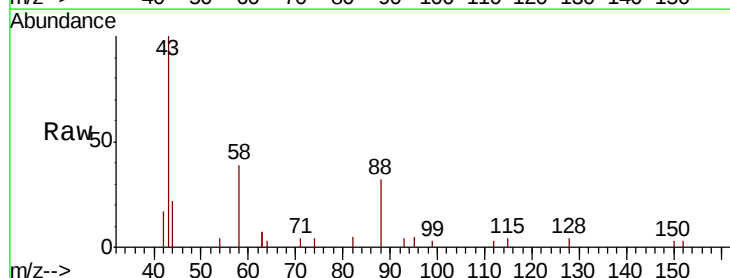
Tgt Ion: 152 Resp: 665
Ion Ratio Lower Upper
152 100
150 141.5 122.5 183.7
115 73.5 57.4 86.2



#2

1,4-Dioxane
Concen: 0.366 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

Tgt Ion: 88 Resp: 482
Ion Ratio Lower Upper
88 100
58 92.9 75.8 113.6
43 92.9 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

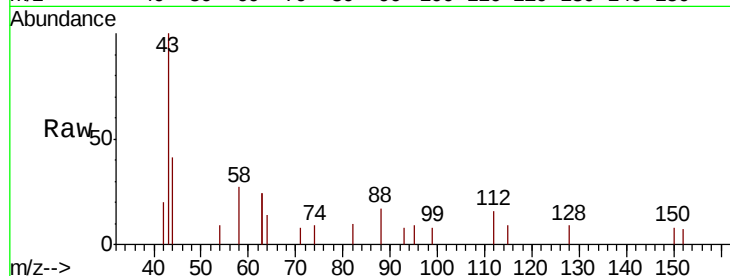
Tgt Ion: 112 Resp: 344

Ion Ratio Lower Upper

112 100

64 68.0 57.9 86.9

63 188.4 158.3 237.5

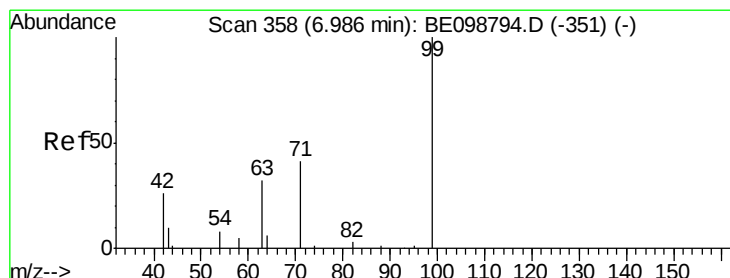
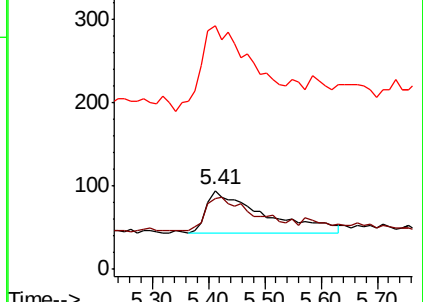
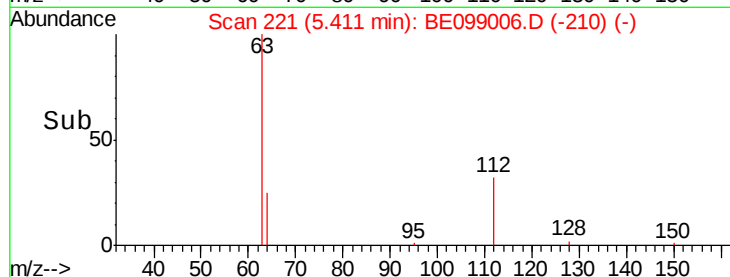


Abundance Ion 112.00 (111.70 to 112.70): BE099006.D (-210) (-)

Ion 64.00 (63.70 to 64.70): BE099006.D (-210) (-)

Ion 63.00 (62.70 to 63.70): BE099006.D (-210) (-)

Time-->



#5

Phenol-d6

Concen: 0.072 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

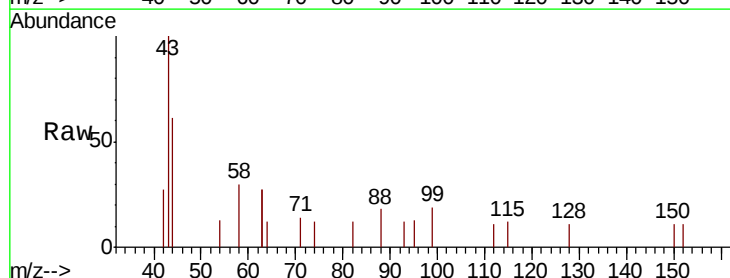
Tgt Ion: 99 Resp: 201

Ion Ratio Lower Upper

99 100

42 58.2 24.2 36.2#

71 0.0 35.7 53.5#

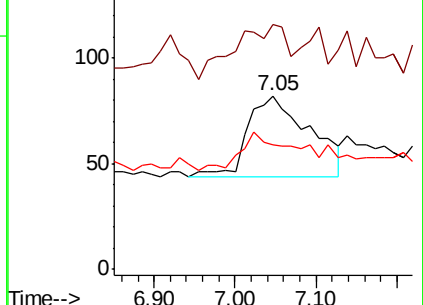
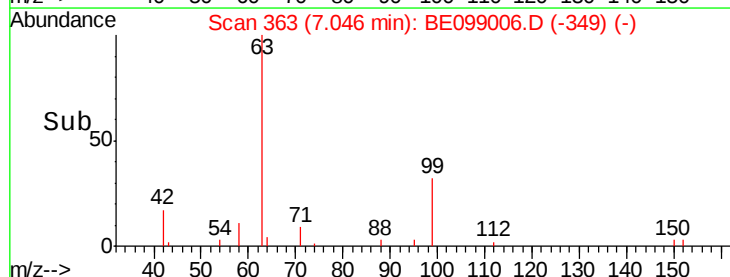


Abundance Ion 99.00 (98.70 to 99.70): BE099006.D (-349) (-)

Ion 42.00 (41.70 to 42.70): BE099006.D (-349) (-)

Ion 71.00 (70.70 to 71.70): BE099006.D (-349) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

Tgt Ion:136 Resp: 3212

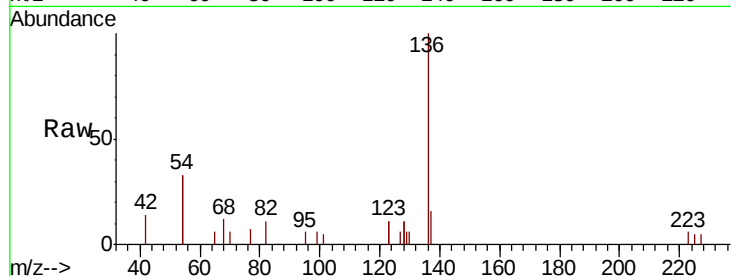
Ion Ratio Lower Upper

136 100

137 16.5 11.4 17.0

54 65.7 39.3 58.9#

68 12.1 6.7 10.1#

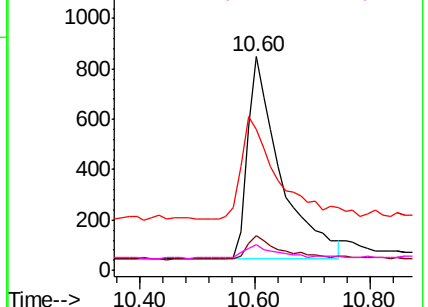
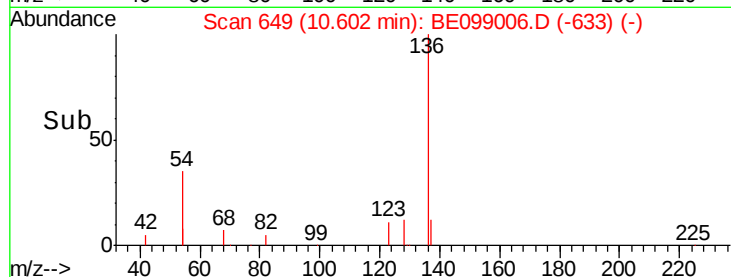


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.302 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

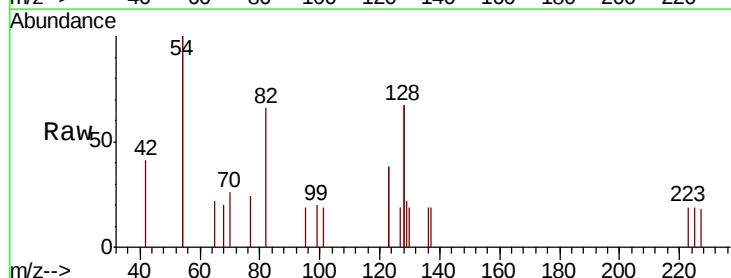
Tgt Ion: 82 Resp: 1016

Ion Ratio Lower Upper

82 100

128 203.8 123.8 185.8#

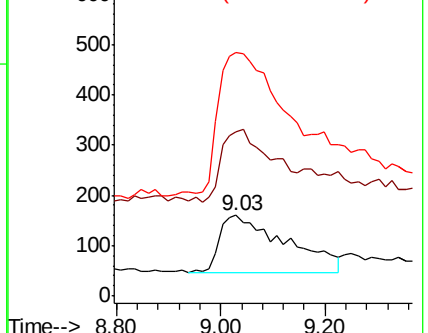
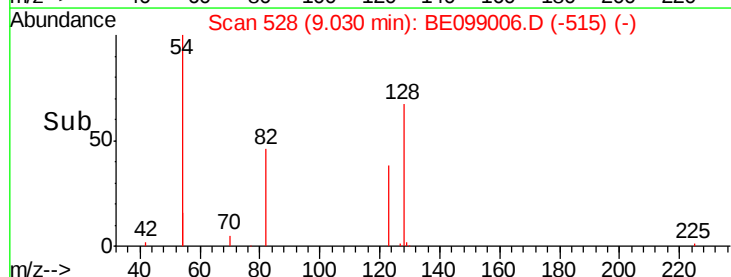
54 302.5 203.4 305.2



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

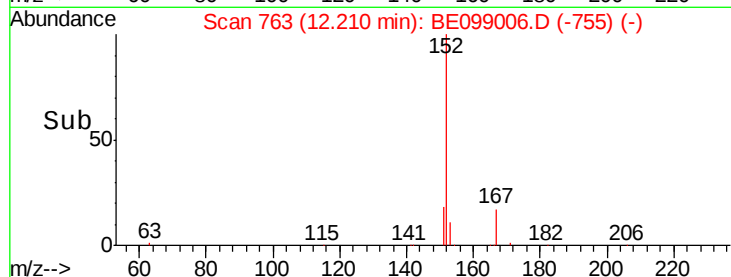
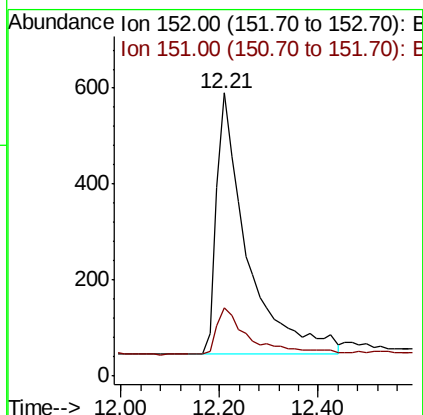
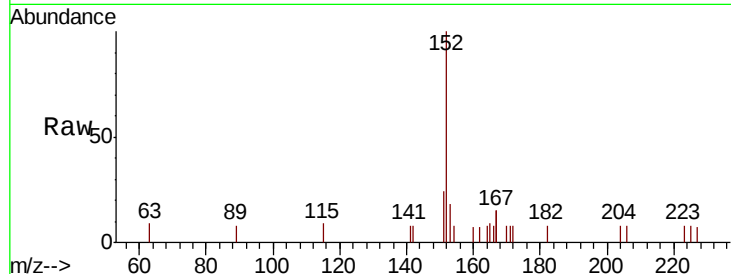




#11
 2-Methylnaphthalene-d10
 Concen: 0.390 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099006.D
 Acq: 18 Mar 2019 18:26

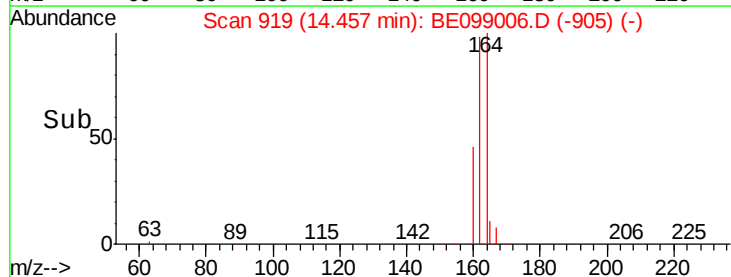
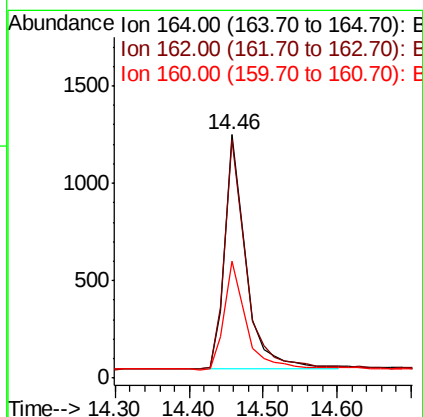
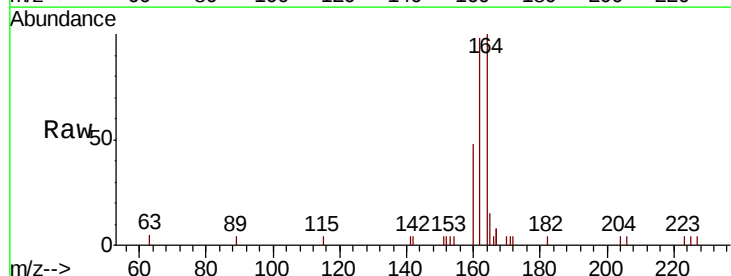
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303D-20190313

Tgt Ion:152 Resp: 2318
 Ion Ratio Lower Upper
 152 100
 151 17.6 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: BE099006.D
 Acq: 18 Mar 2019 18:26

Tgt Ion:164 Resp: 2435
 Ion Ratio Lower Upper
 164 100
 162 98.1 80.2 120.2
 160 47.8 37.8 56.8

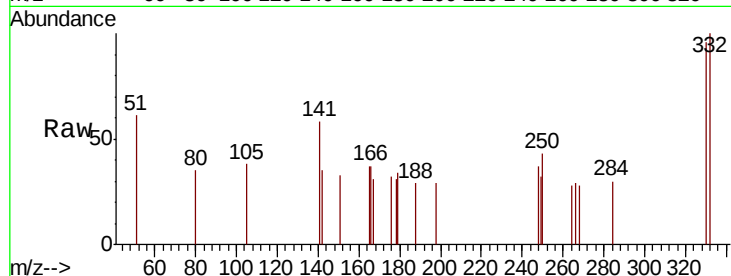




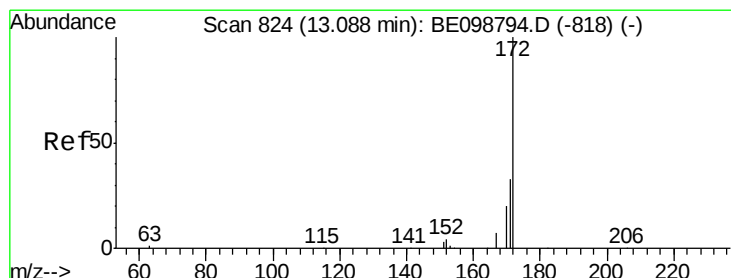
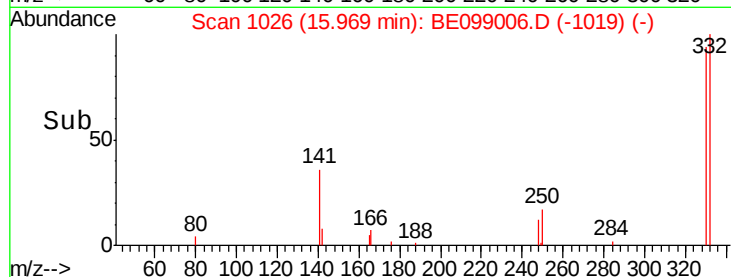
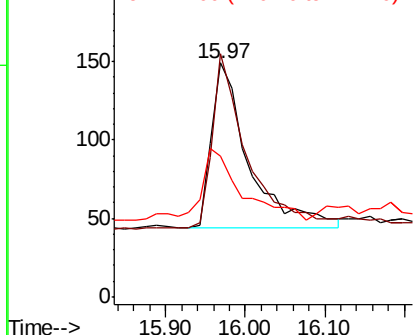
#14
 2,4,6-Tribromophenol
 Concen: 0.281 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099006.D
 Acq: 18 Mar 2019 18:26

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303D-20190313

Tgt Ion: 330 Resp: 345
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.6 116.4
 141 44.6 31.0 46.4

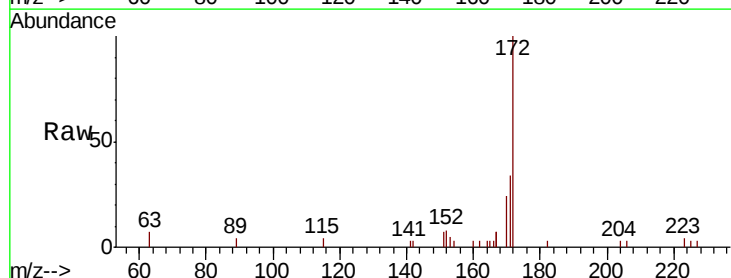


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

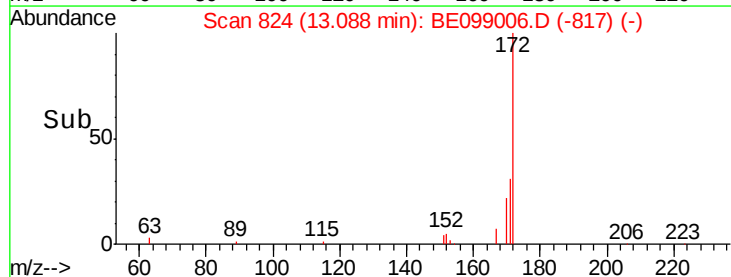
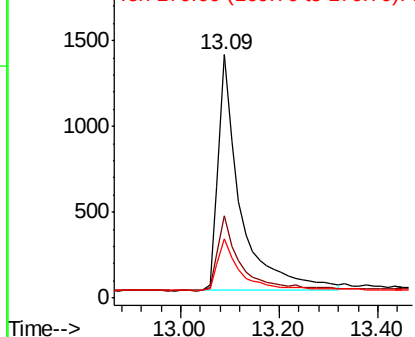


#15
 2-Fluorobiphenyl
 Concen: 0.423 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099006.D
 Acq: 18 Mar 2019 18:26

Tgt Ion: 172 Resp: 4262
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.0 42.0
 170 24.5 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

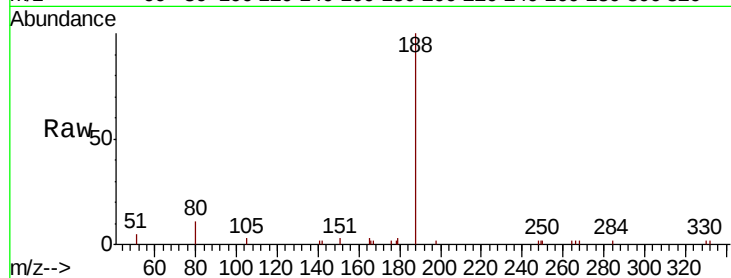
Tgt Ion:188 Resp: 5550

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

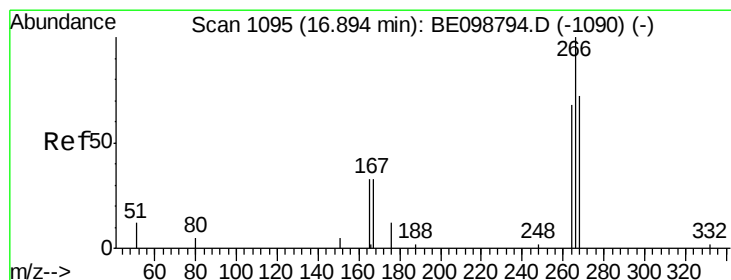
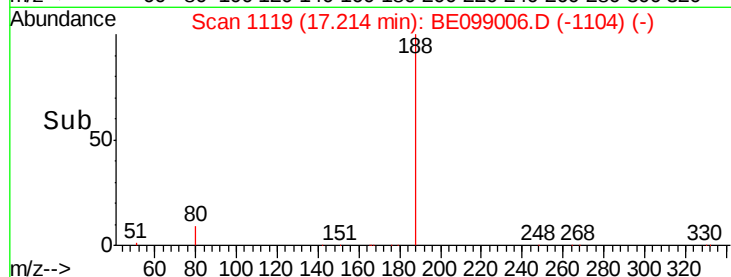
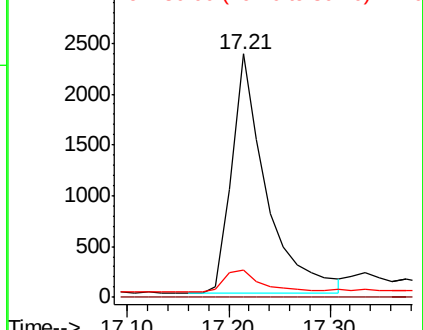
80 11.2 6.3 9.5#



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: BE099006.D

Acq: 18 Mar 2019 18:26

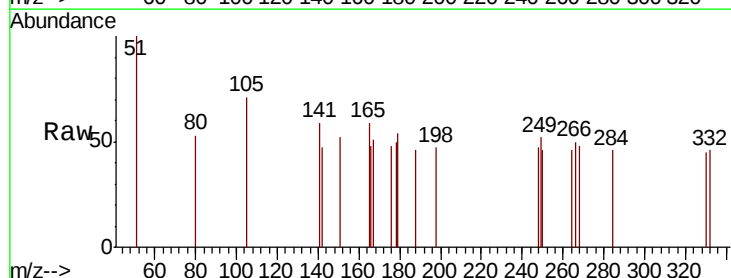
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

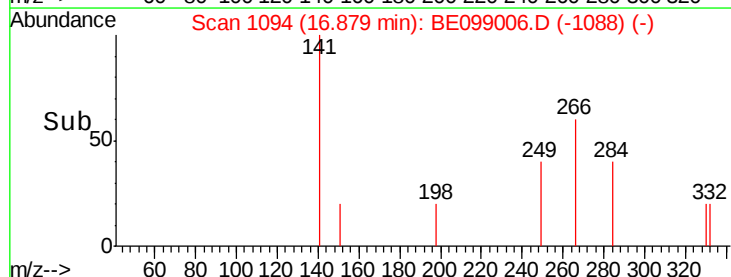
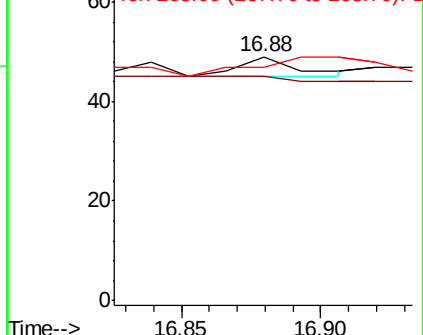
268 95.9 69.8 104.8

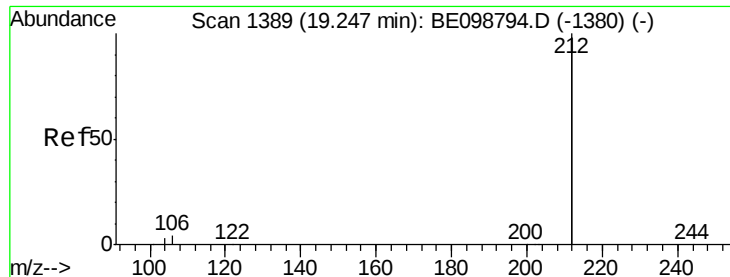


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

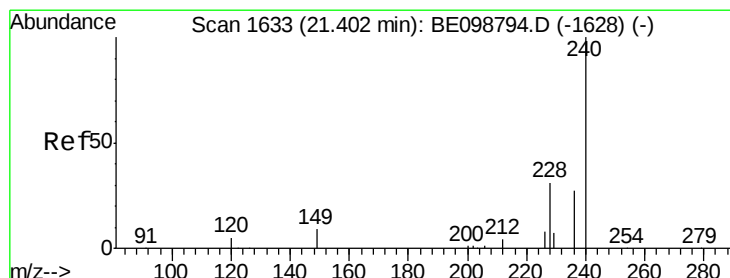
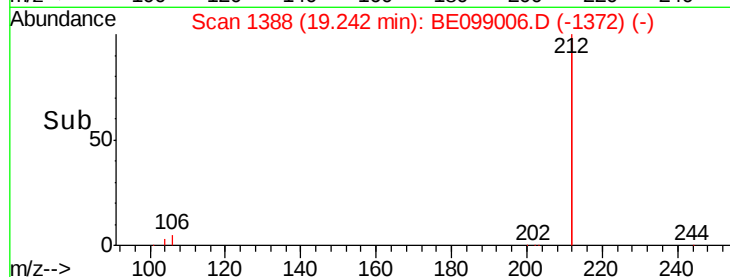
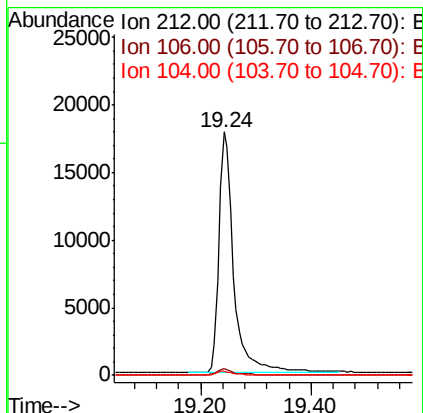
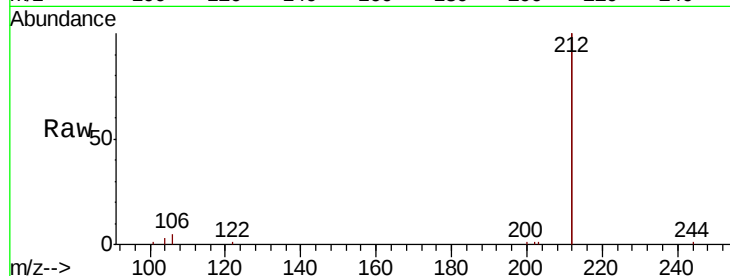
Instrument :

BNA_E

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BPS1-TT-MW303D-20190313

Tgt Ion:	212	Resp:	33906
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6



#27

Chrysene-d12

Concen: 0.400 ng

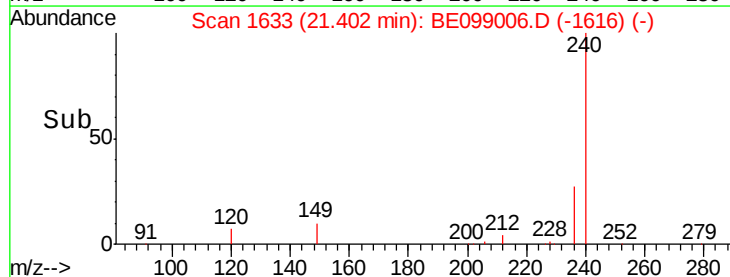
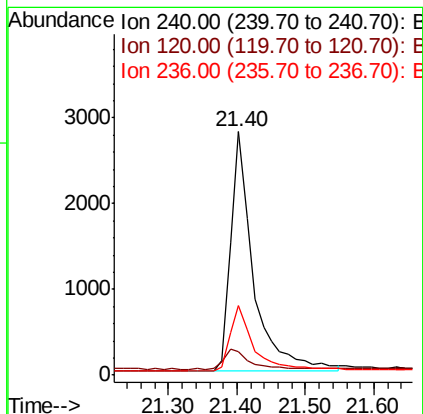
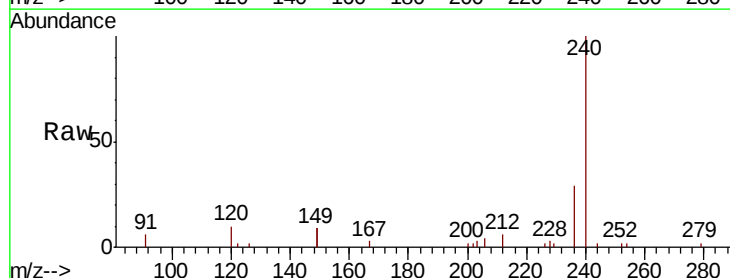
RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Tgt Ion:	240	Resp:	6424
Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.0	7.4#
236	28.5	22.7	34.1





#29

Terphenyl-d14

Concen: 0.441 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

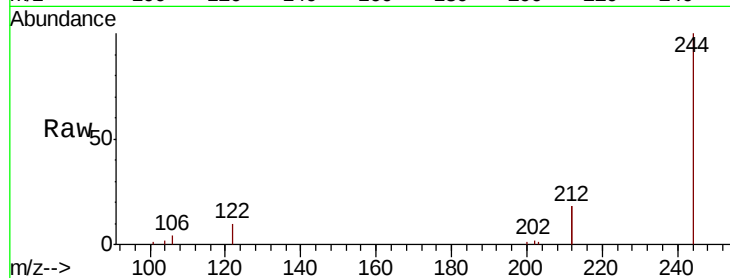
Tgt Ion:244 Resp: 6878

Ion Ratio Lower Upper

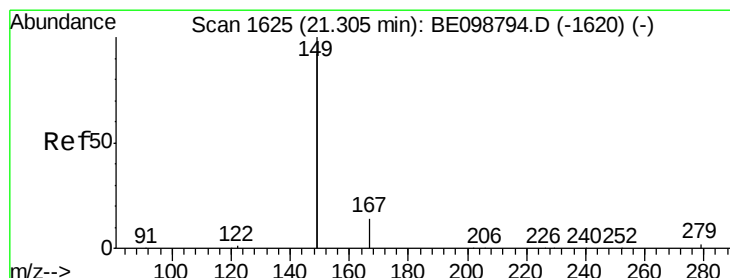
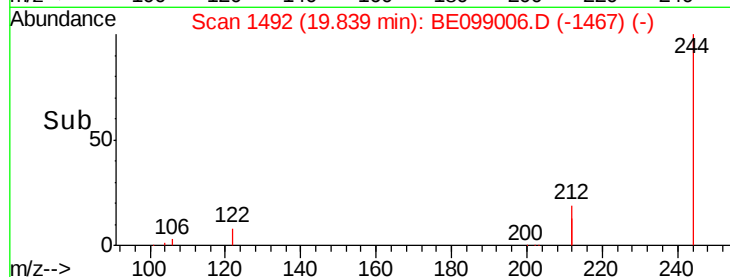
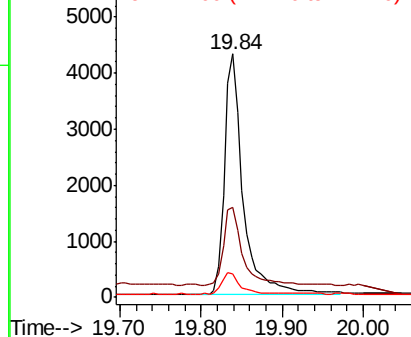
244 100

212 36.8 29.4 44.2

122 9.7 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: 0.074 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

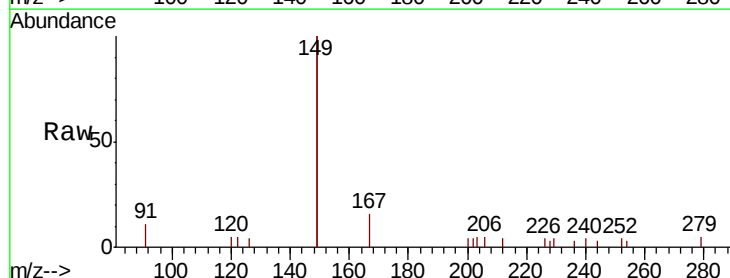
Tgt Ion:149 Resp: 3177

Ion Ratio Lower Upper

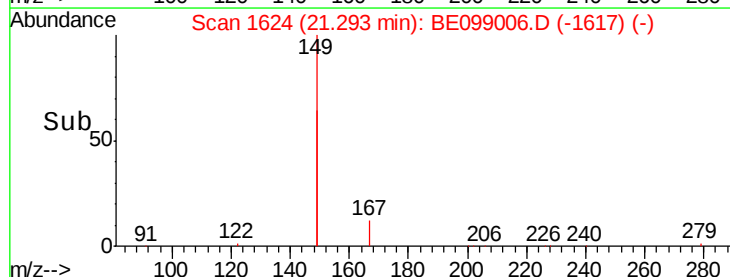
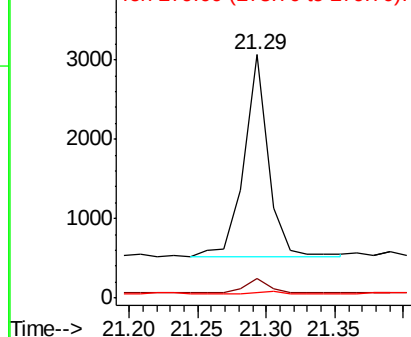
149 100

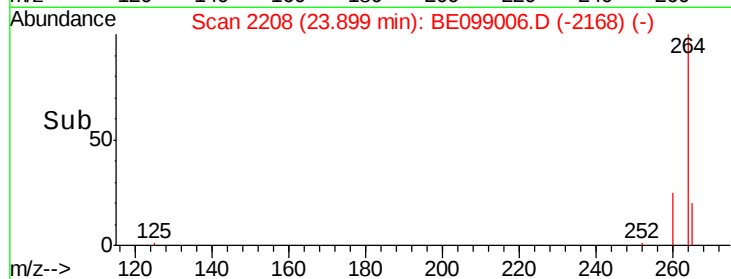
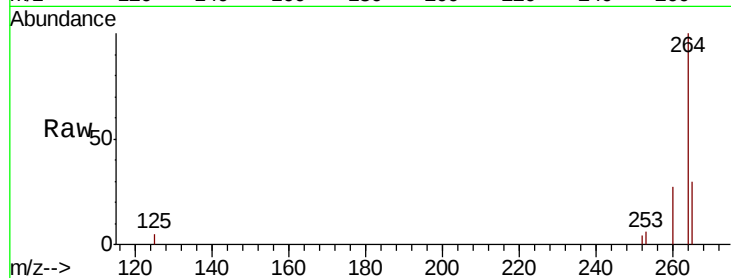
167 6.6 5.4 8.0

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

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

Tgt Ion:264 Resp: 5665

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

265 29.6 24.6 36.8

