

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099086.D
 Acq On : 22 Mar 2019 18:54
 Operator : JU/SJ
 Sample : K1948-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-026-B034-031319

Quant Time: Mar 23 01:14:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 00:46:37 2019
 Response via : Initial Calibration

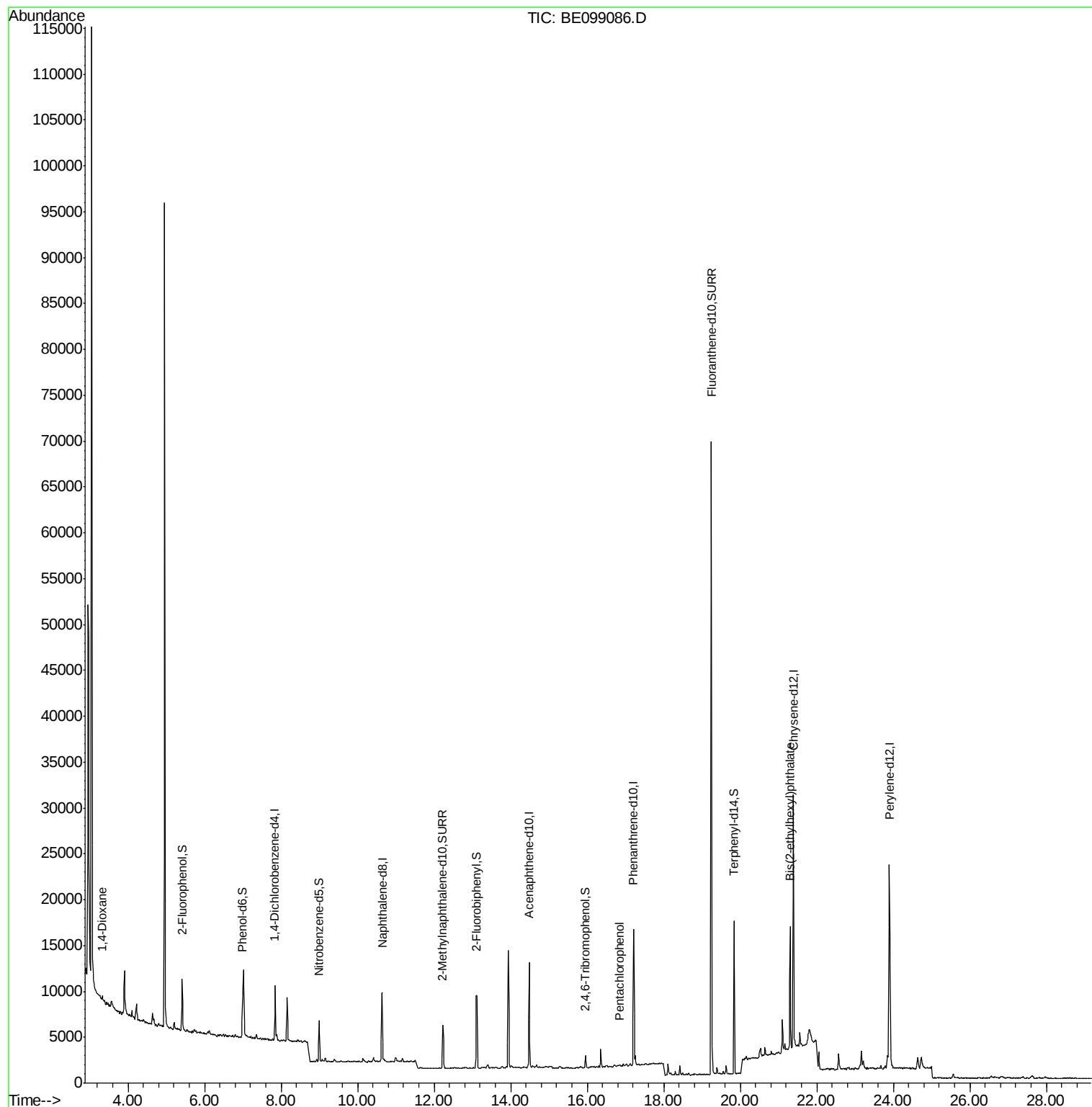
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2805	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	10454	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	6557	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	18555	0.40	ng	0.00
27) Chrysene-d12	21.39	240	26955	0.40	ng	0.00
34) Perylene-d12	23.90	264	33476	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2934	0.35	ng	0.00
5) Phenol-d6	6.99	99	4103	0.34	ng	0.00
8) Nitrobenzene-d5	8.99	82	2014	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	6194	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	764	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	8794	0.34	ng	0.00
25) Fluoranthene-d10	19.24	212	83096	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	14049	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	185	0.043	ng	Qvalue # 1
22) Pentachlorophenol	16.85	266	45	0.263	ng	91
32) Bis(2-ethylhexyl)phthalate	21.31	149	16088	0.131	ng	100

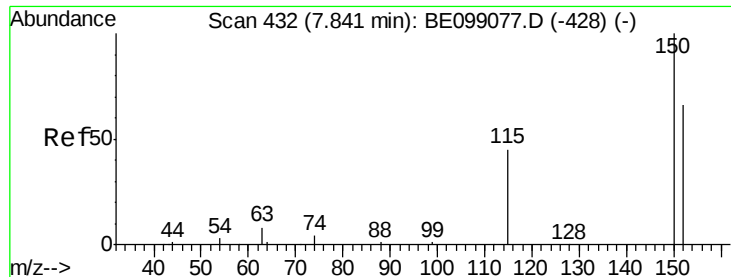
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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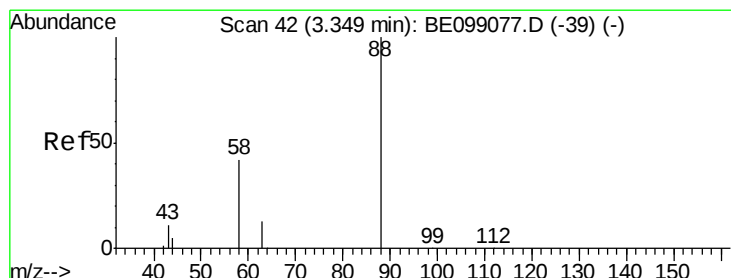
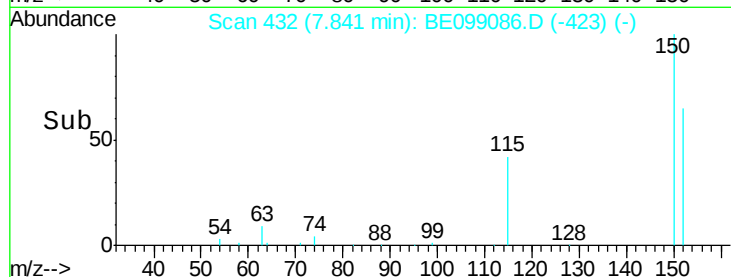
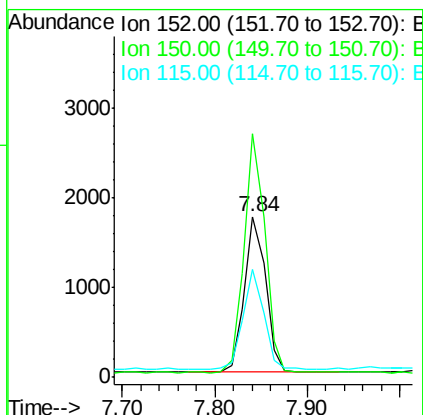
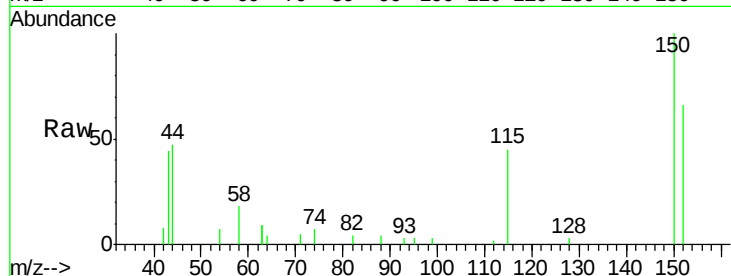


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099086.D
Acq: 22 Mar 2019 18:54

Instrument :
BNA_E
ClientSampleId :
PST-026-B034-031319

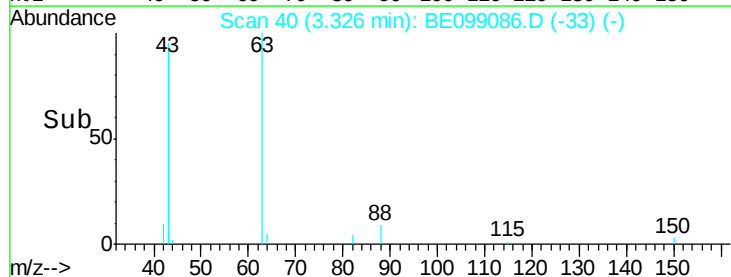
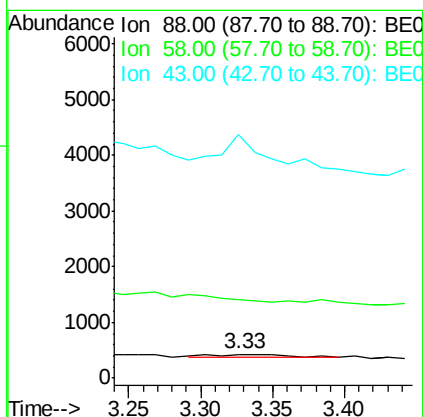
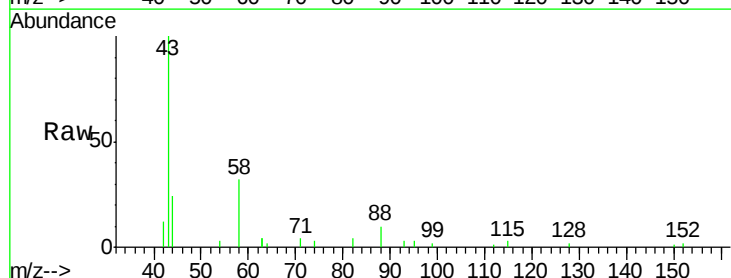
Tgt Ion: 152 Resp: 2805
Ion Ratio Lower Upper
152 100
150 151.2 122.5 183.7
115 67.3 57.4 86.2

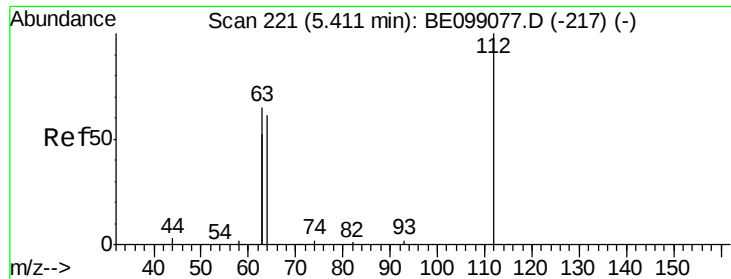


#2

1,4-Dioxane
Concen: 0.043 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.02 min
Lab File: BE099086.D
Acq: 22 Mar 2019 18:54

Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
58 0.0 52.0 78.0#
43 870.8 24.0 36.0#





#4

2-Fluorophenol

Concen: 0.351 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-026-B034-031319

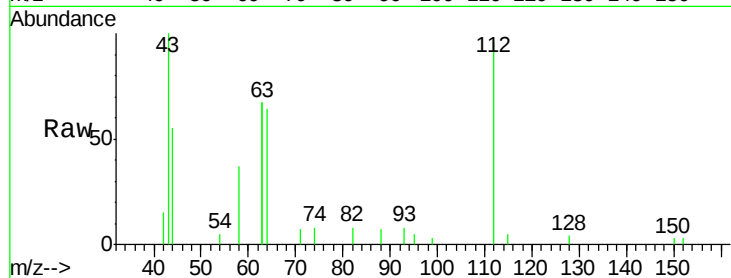
Tgt Ion: 112 Resp: 2934

Ion Ratio Lower Upper

112 100

64 59.9 57.9 86.9

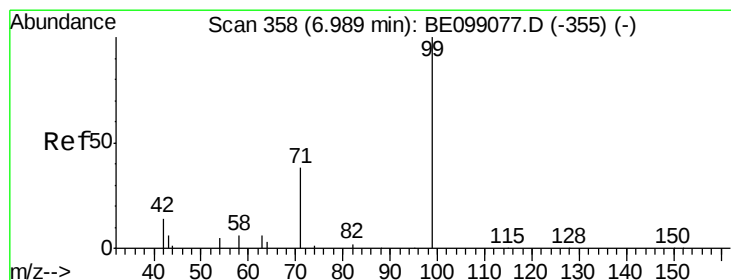
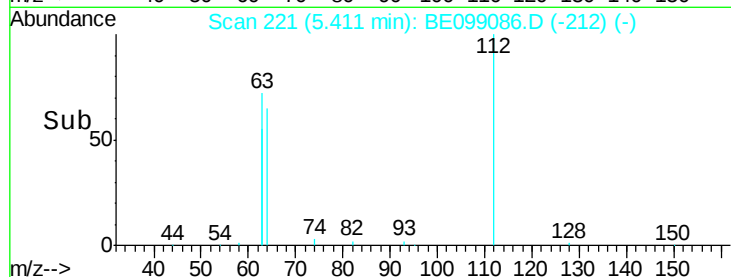
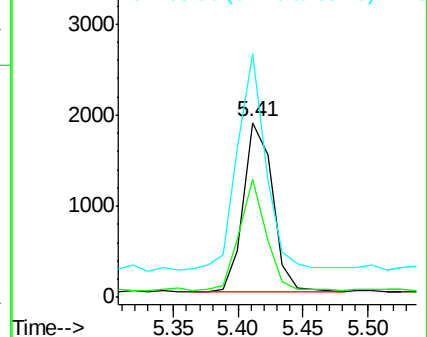
63 125.9 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE099077.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE099077.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE099077.D (-217) (-)



#5

Phenol-d6

Concen: 0.341 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

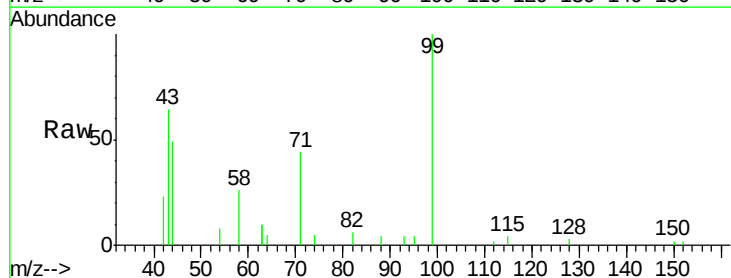
Tgt Ion: 99 Resp: 4103

Ion Ratio Lower Upper

99 100

42 21.6 24.2 36.2#

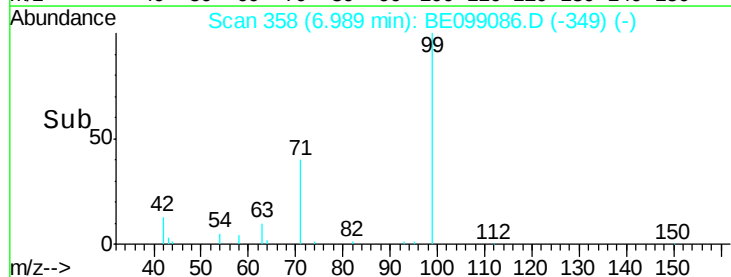
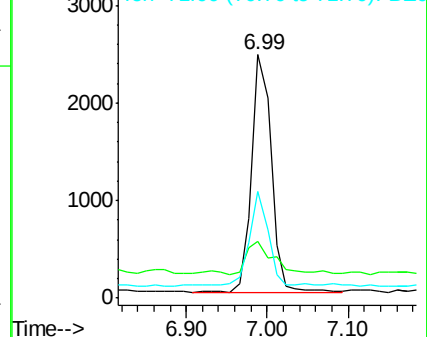
71 37.1 35.7 53.5

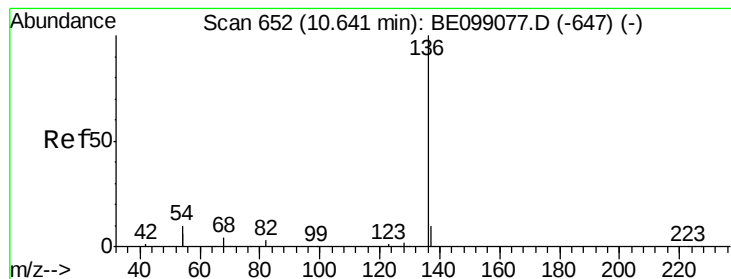


Abundance Ion 99.00 (98.70 to 99.70): BE099077.D (-355) (-)

Ion 42.00 (41.70 to 42.70): BE099077.D (-355) (-)

Ion 71.00 (70.70 to 71.70): BE099077.D (-355) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-026-B034-031319

Tgt Ion:136 Resp: 10454

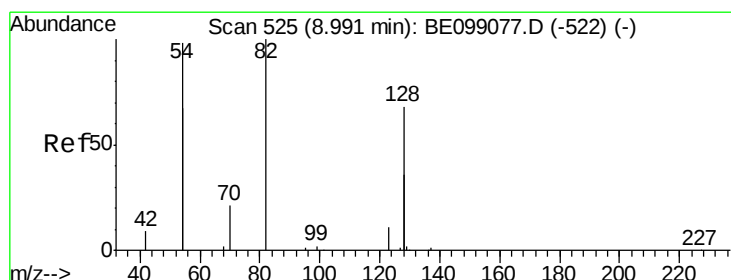
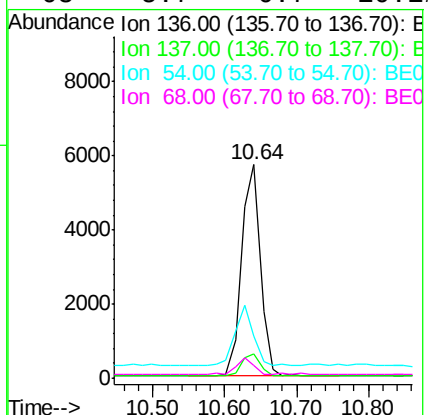
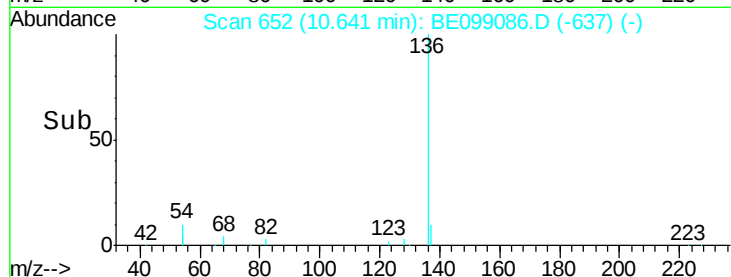
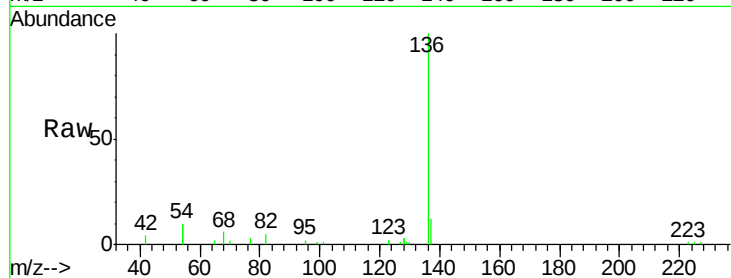
Ion Ratio Lower Upper

136 100

137 11.5 11.4 17.0

54 19.9 39.3 58.9#

68 5.7 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 0.441 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

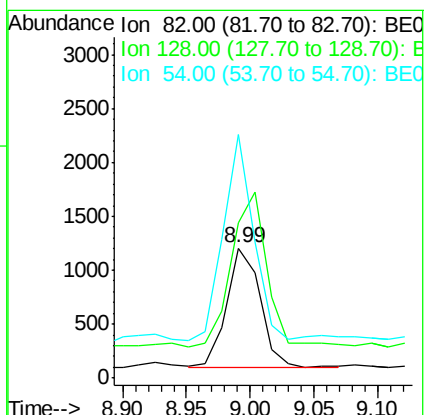
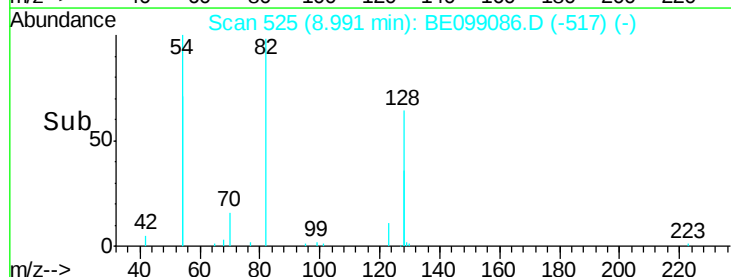
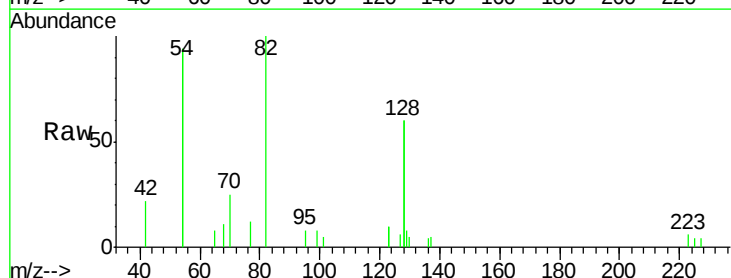
Tgt Ion: 82 Resp: 2014

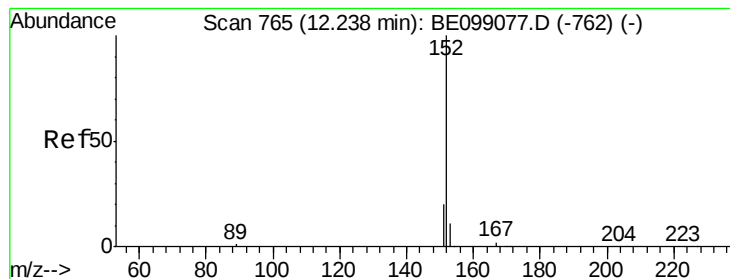
Ion Ratio Lower Upper

82 100

128 119.4 123.8 185.8#

54 187.5 203.4 305.2#





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

Instrument :

BNA_E

ClientSampleId :

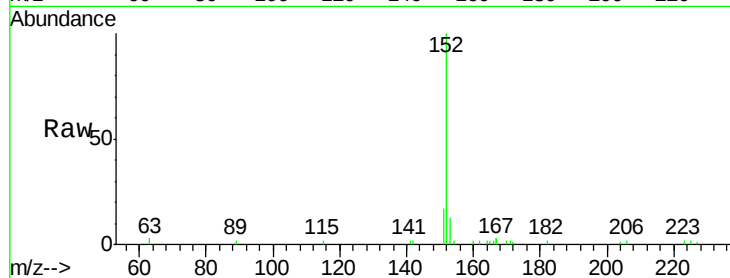
PST-026-B034-031319

Tgt Ion:152 Resp: 6194

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

4000

3000

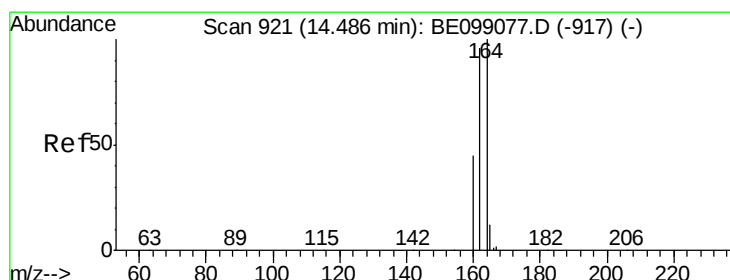
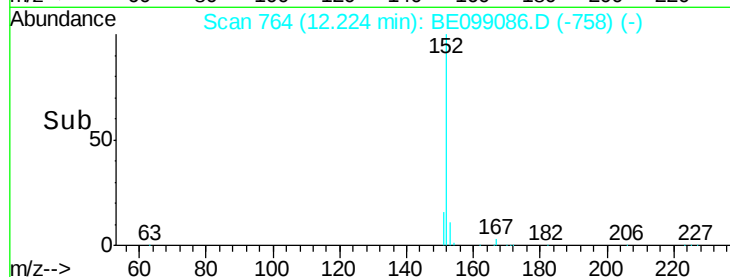
2000

1000

0

12.10 12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

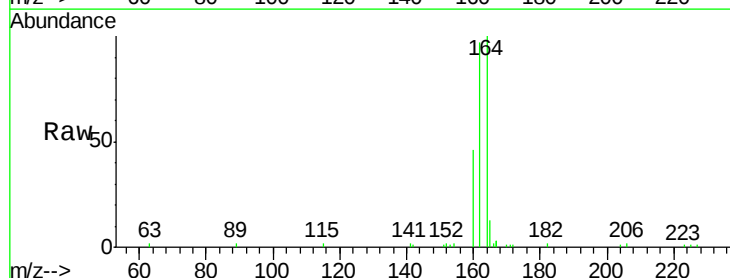
Tgt Ion:164 Resp: 6557

Ion Ratio Lower Upper

164 100

162 97.3 80.2 120.2

160 45.6 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

14.49

6000

5000

4000

3000

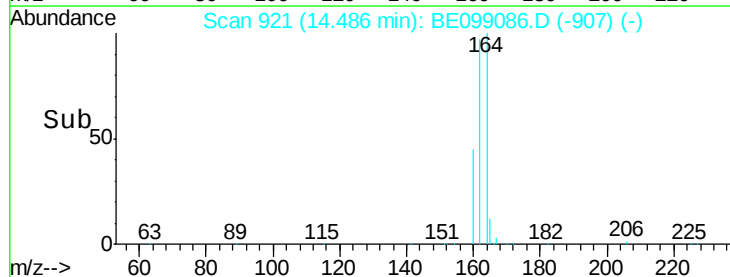
2000

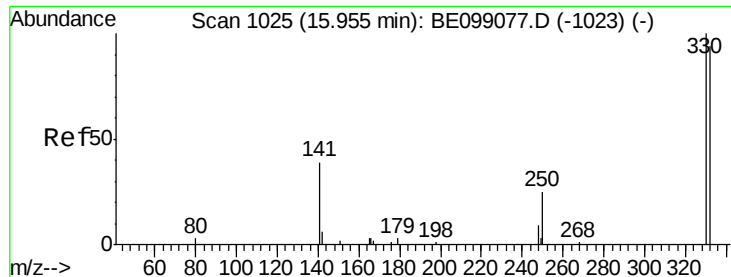
1000

0

14.40 14.50 14.60

Time-->

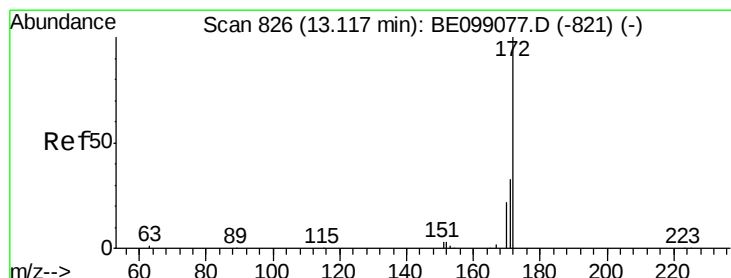
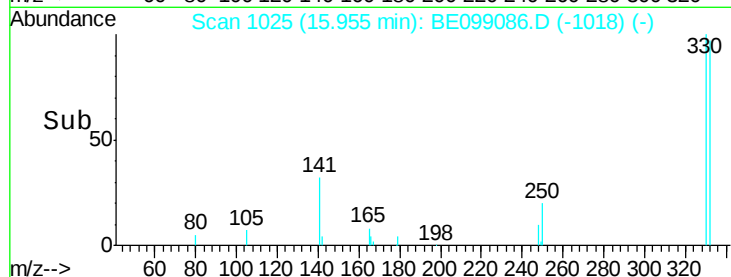
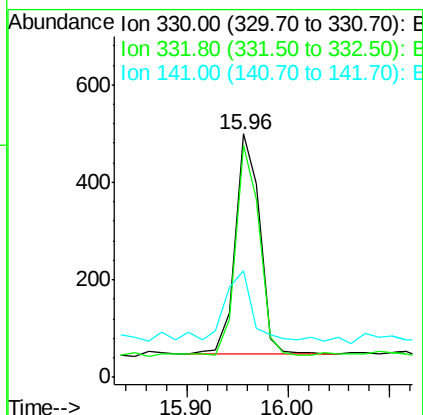
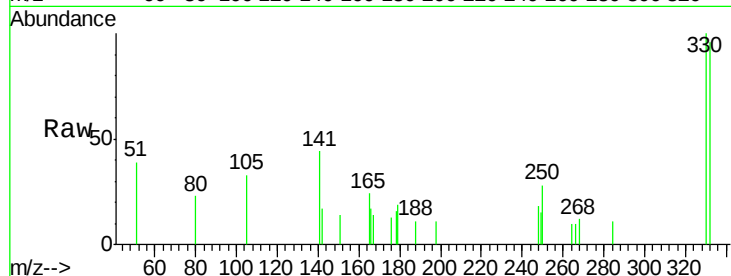




#14
 2,4,6-Tribromophenol
 Concen: 0.396 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099086.D
 Acq: 22 Mar 2019 18:54

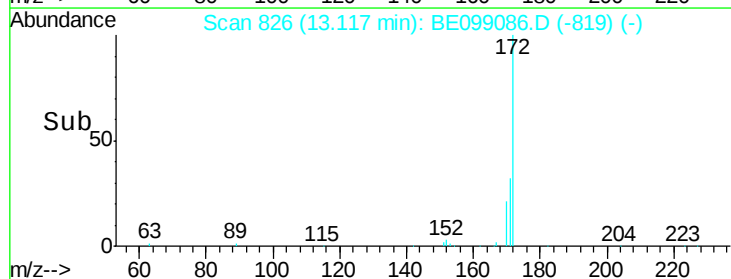
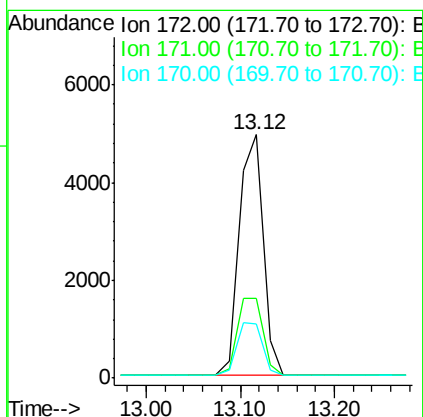
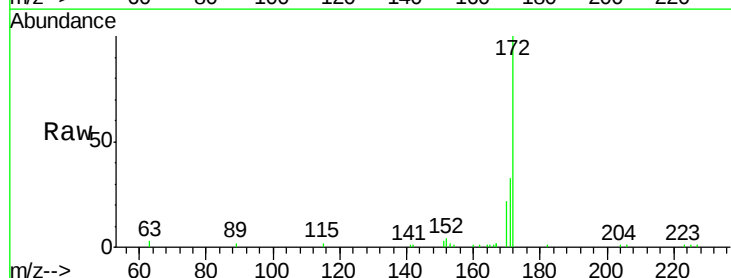
Instrument :
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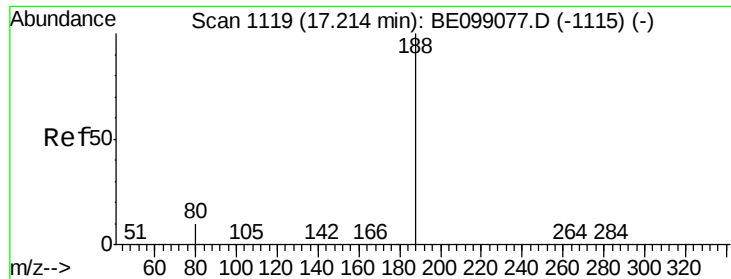
Tgt Ion: 330 Resp: 764
 Ion Ratio Lower Upper
 330 100
 332 90.7 77.6 116.4
 141 33.9 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.337 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099086.D
 Acq: 22 Mar 2019 18:54

Tgt Ion: 172 Resp: 8794
 Ion Ratio Lower Upper
 172 100
 171 32.6 28.0 42.0
 170 22.2 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: BE099086.D

Acq: 22 Mar 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-026-B034-031319

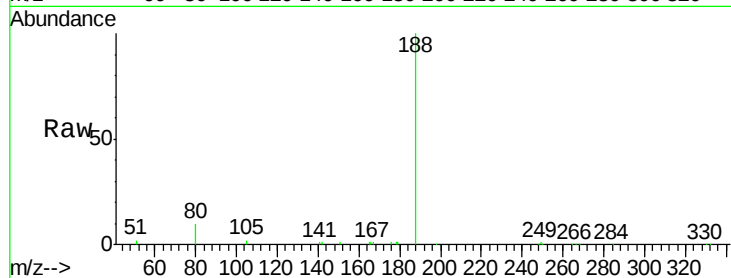
Tgt Ion:188 Resp: 18555

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

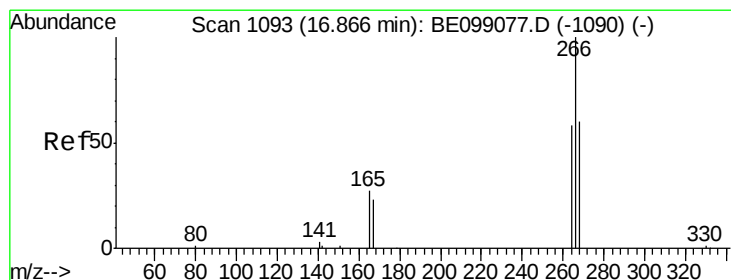
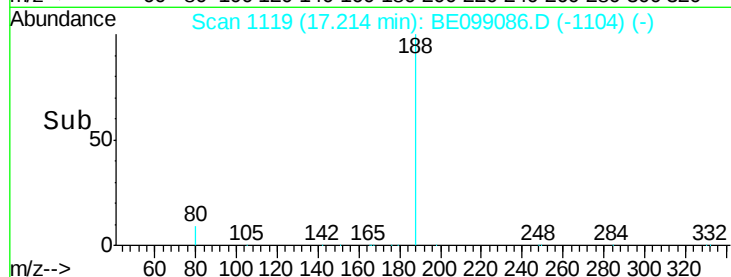
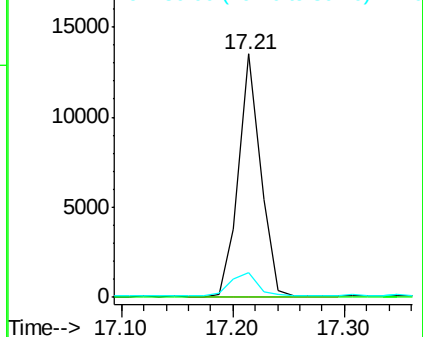
80 10.0 6.3 9.5#



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: 0.263 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

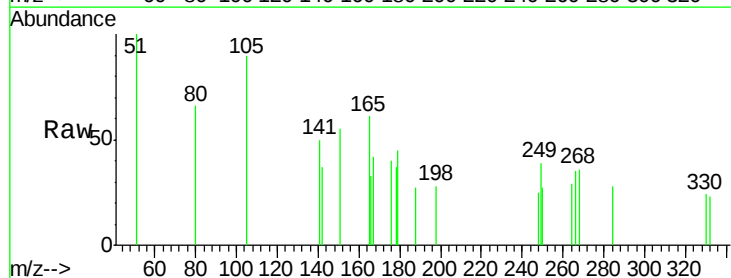
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 81.7 66.6 100.0

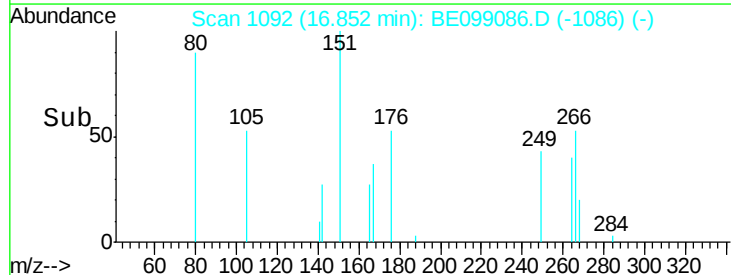
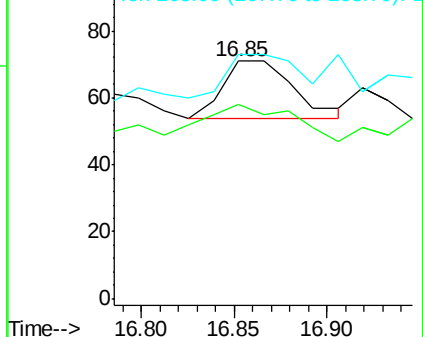
268 102.8 69.8 104.8

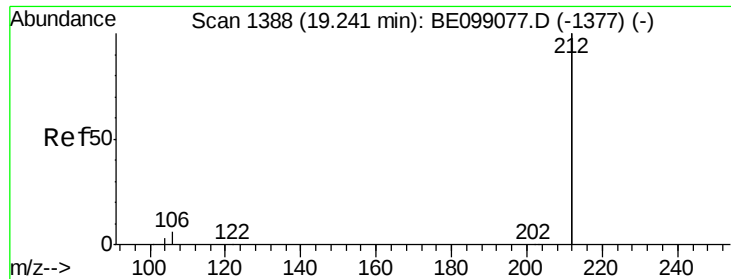


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099086.D

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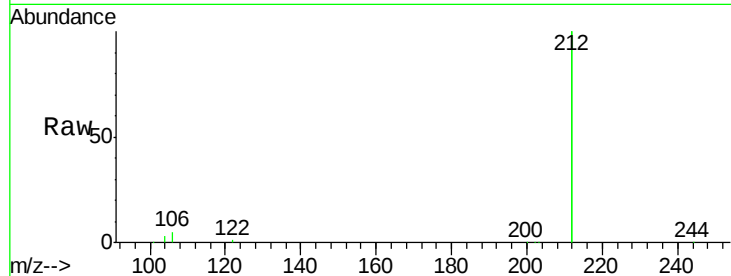
Tgt Ion:212 Resp: 83096

Ion Ratio Lower Upper

212 100

106 2.8 1.8 2.8#

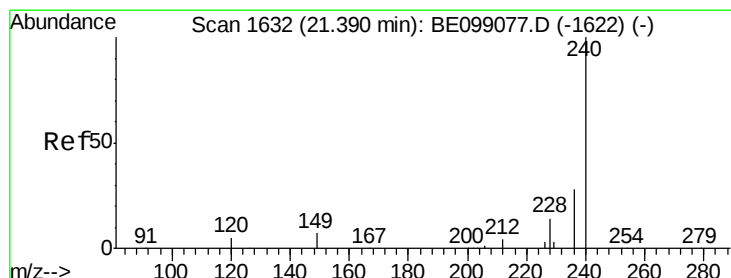
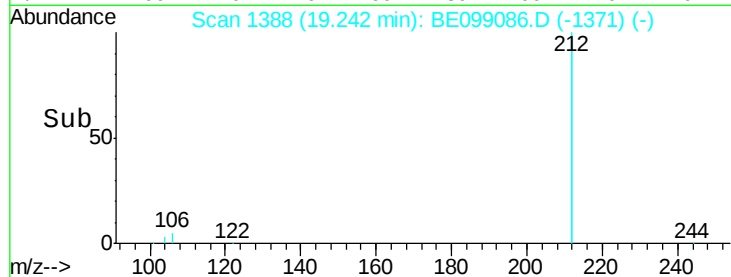
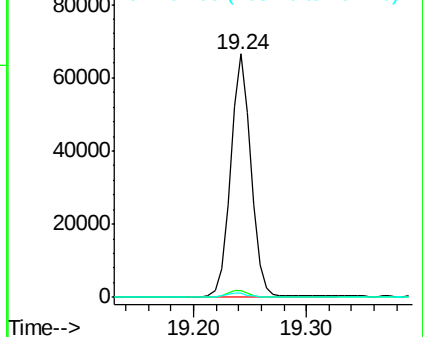
104 1.6 1.0 1.6#



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. 0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

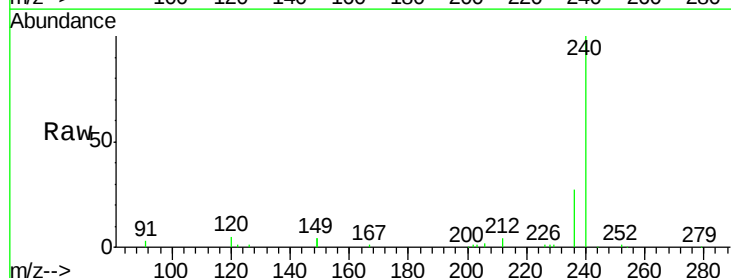
Tgt Ion:240 Resp: 26955

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.4

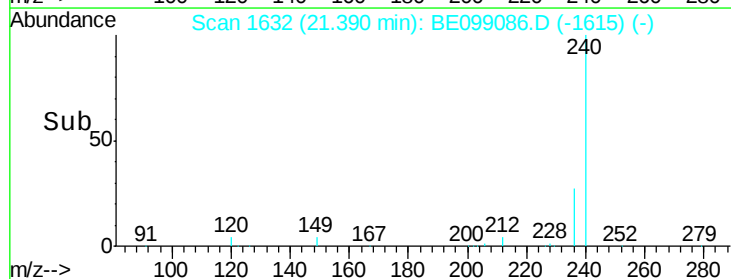
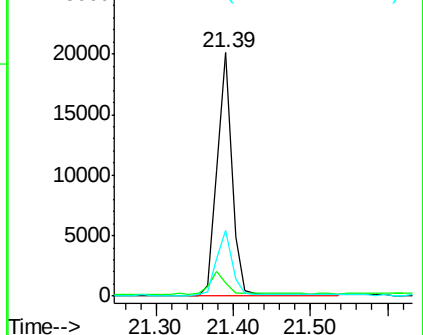
236 27.0 22.7 34.1

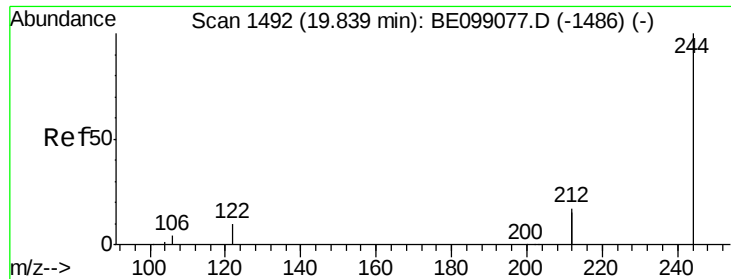


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.246 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-026-B034-031319

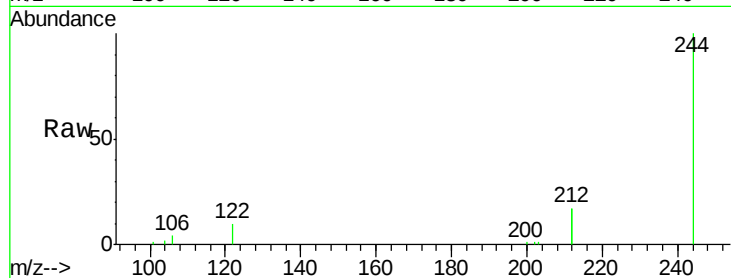
Tgt Ion:244 Resp: 14049

Ion Ratio Lower Upper

244 100

212 33.2 29.4 44.2

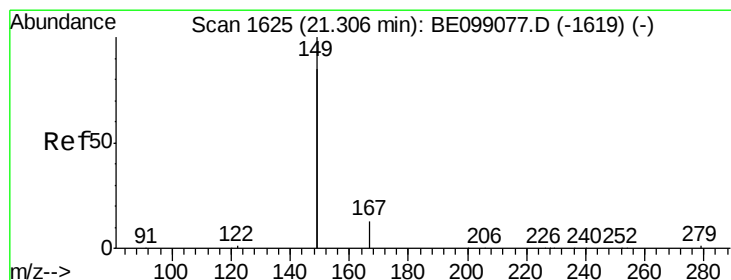
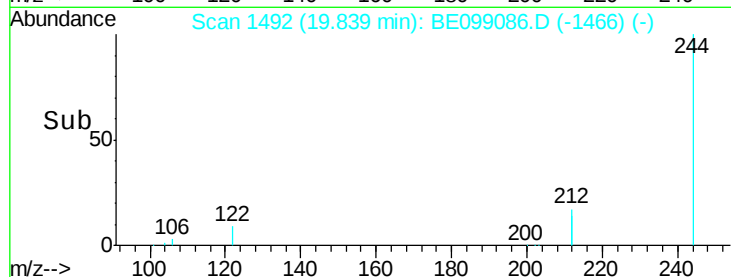
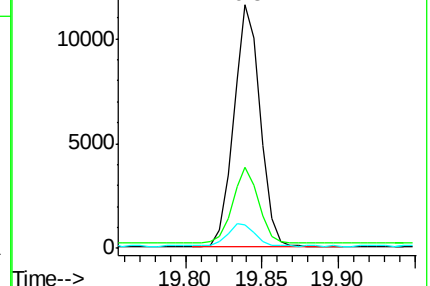
122 9.8 7.1 10.7



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: 0.131 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

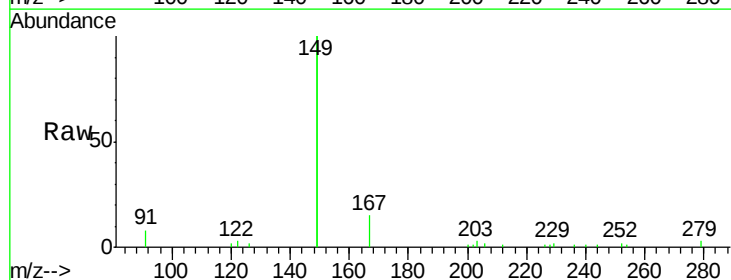
Tgt Ion:149 Resp: 16088

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

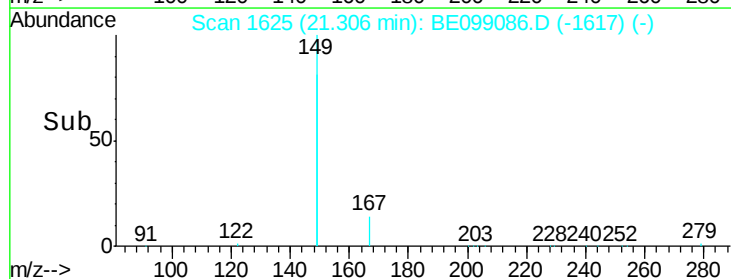
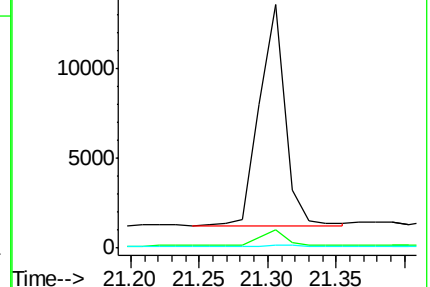
279 1.2 1.0 1.4

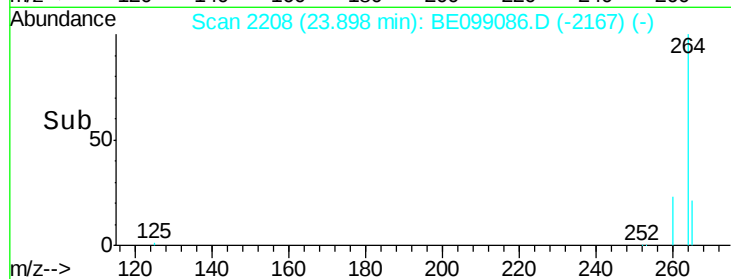
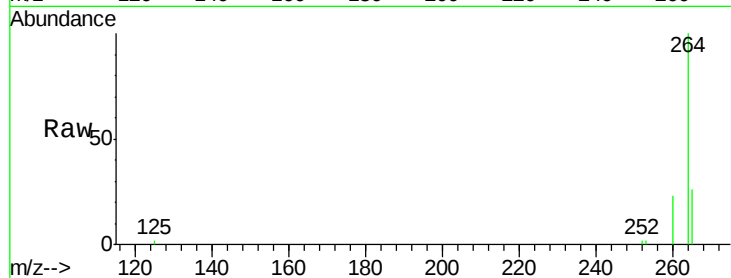
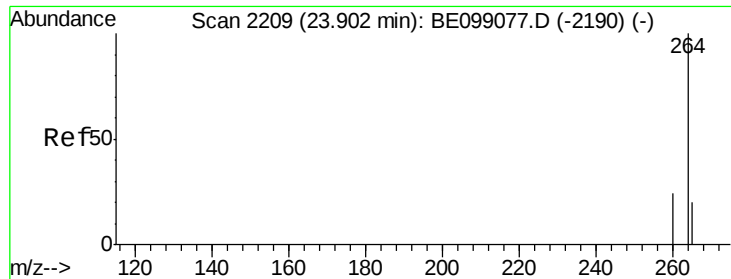


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.00 min

Lab File: BE099086.D

Acq: 22 Mar 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-026-B034-031319

Tgt Ion:264 Resp: 33476

Ion Ratio Lower Upper

264 100

260 23.0 21.2 31.8

265 25.7 24.6 36.8

