

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099746.D
 Acq On : 24 May 2019 17:21
 Operator : JU/SJ
 Sample : K3036-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEQC-DUP-052319

Quant Time: May 24 21:34:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

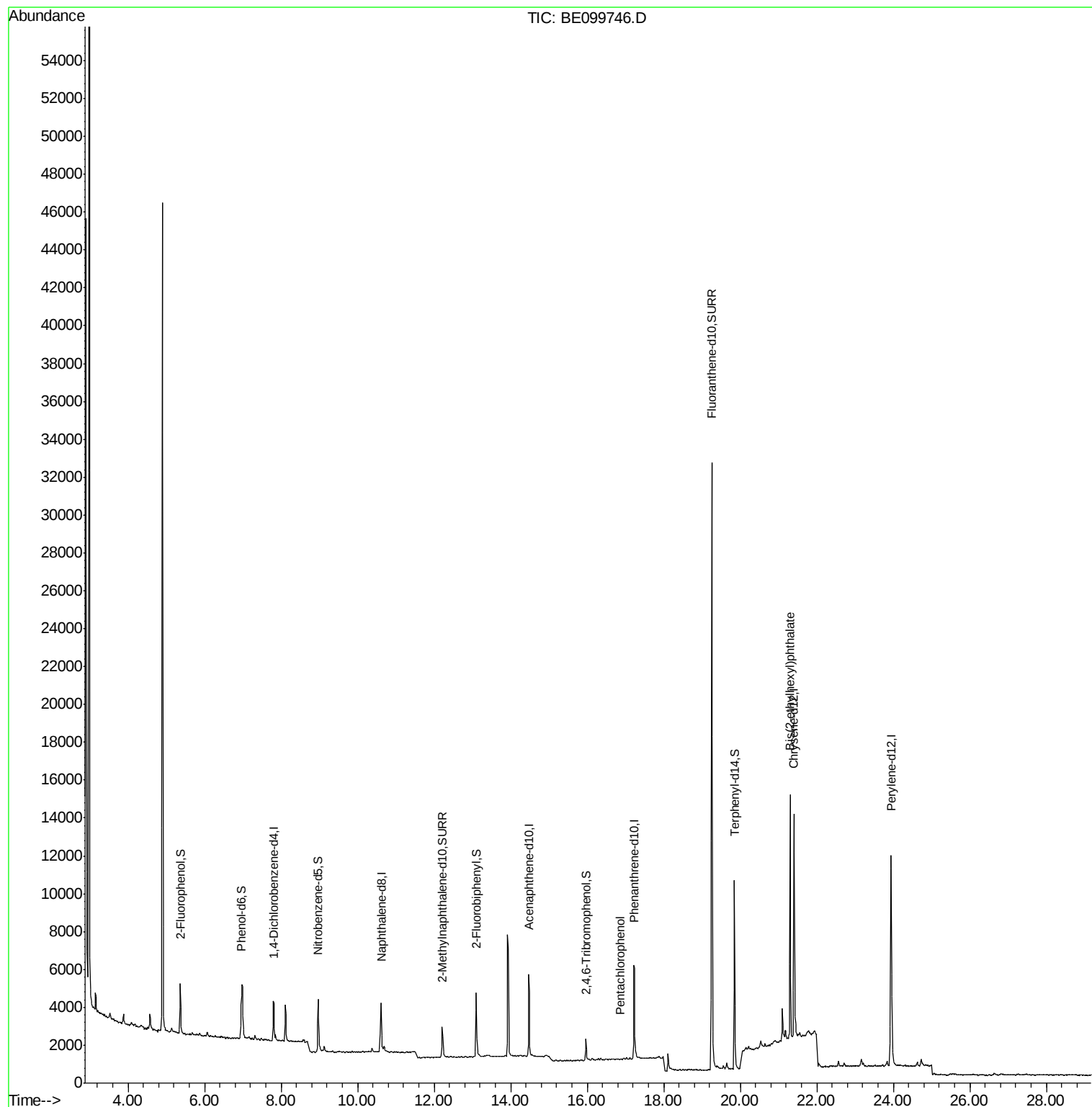
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1234	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4096	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2969	0.40	ng	-0.02
19) Phenanthrene-d10	17.23	188	9607	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14781	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17943	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1484	0.48	ng	0.00
5) Phenol-d6	6.96	99	2137	0.52	ng	0.00
8) Nitrobenzene-d5	8.96	82	1482	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2665	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	818	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4080	0.36	ng	0.00
25) Fluoranthene-d10	19.25	212	46369	0.35	ng	-0.01
29) Terphenyl-d14	19.85	244	9598	0.36	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.87	266	2	0.182	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.30	149	13615	0.281	ng	100

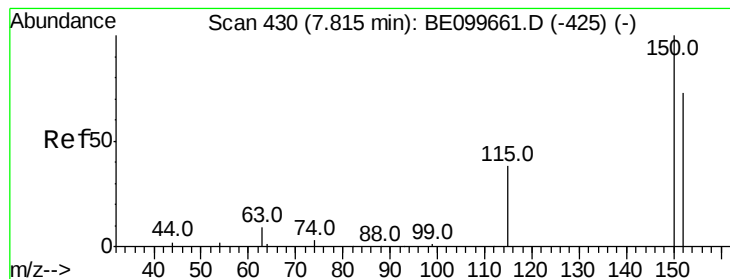
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

Instrument :

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ClientSampleId :

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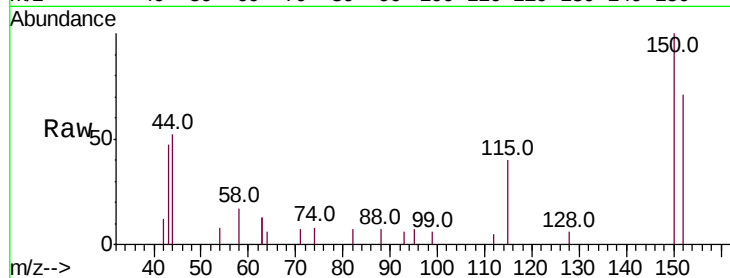
Tot Ion:152 Resp: 1234

Ion Ratio Lower Upper

152 100

150 140.3 109.2 163.8

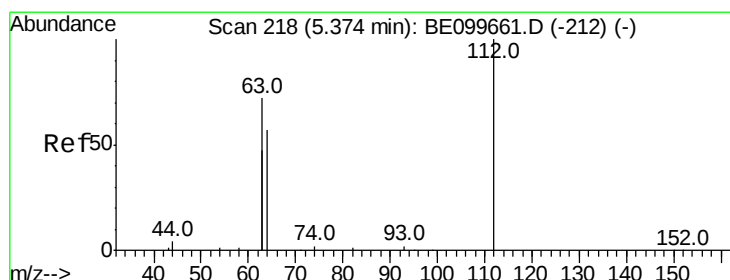
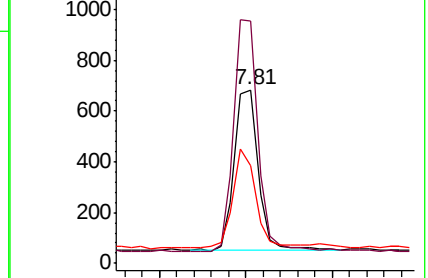
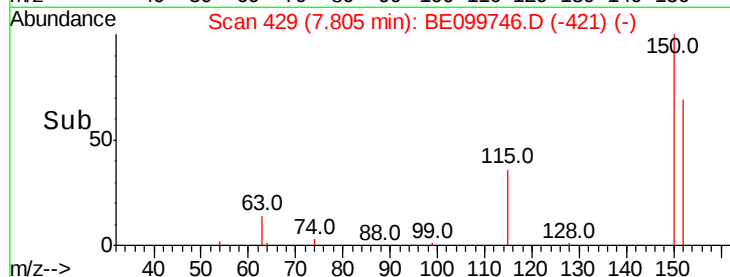
115 56.4 43.7 65.5



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



#4

2-Fluorophenol

Concen: 0.476 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

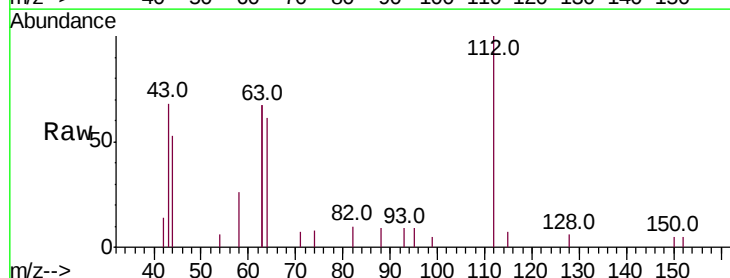
Tgt Ion:112 Resp: 1484

Ion Ratio Lower Upper

112 100

64 55.9 43.4 65.2

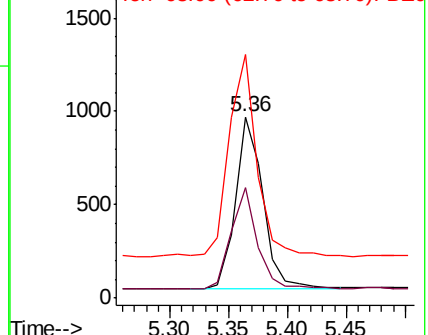
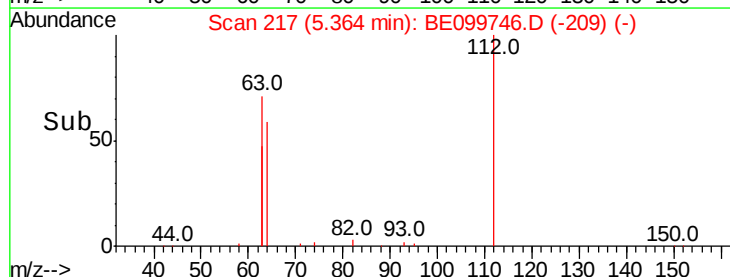
63 119.3 96.9 145.3

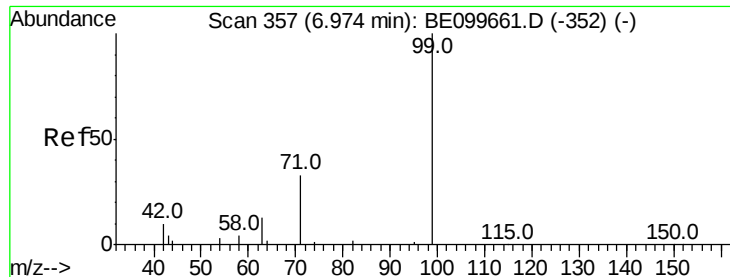


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.518 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-052319

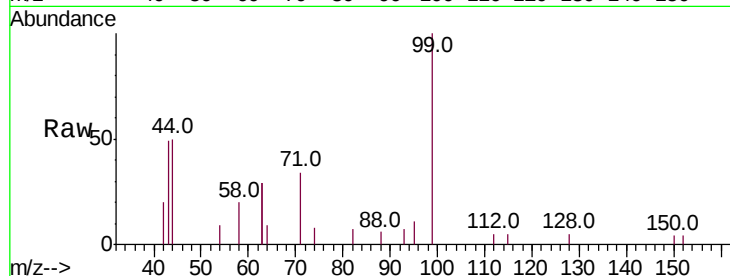
Tot Ion: 99 Resp: 2137

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

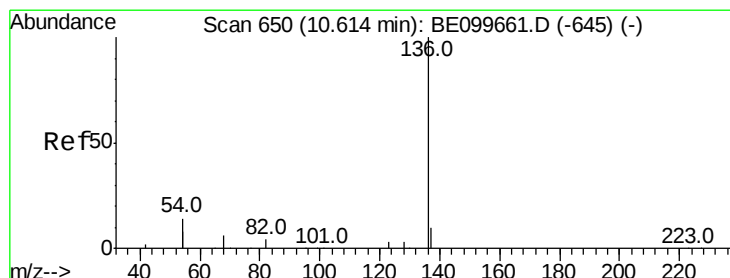
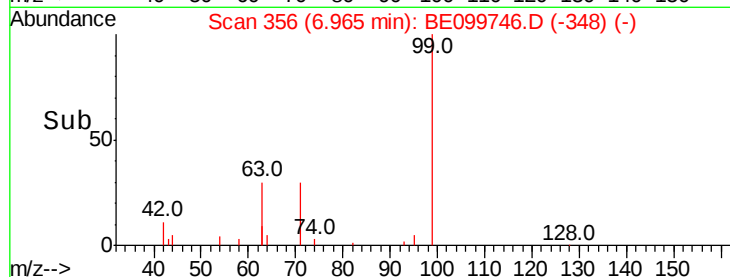
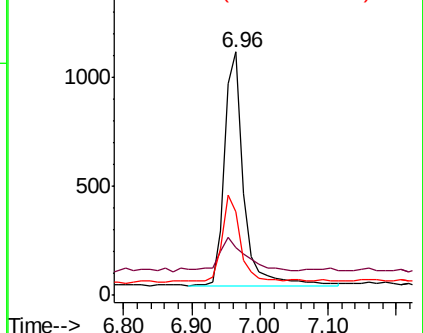
71 34.7 28.9 43.3



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

Tgt Ion: 136 Resp: 4096

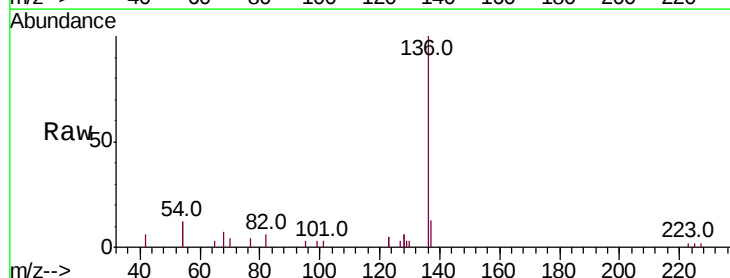
Ion Ratio Lower Upper

136 100

137 12.6 9.0 13.6

54 24.4 22.3 33.5

68 6.6 6.0 9.0

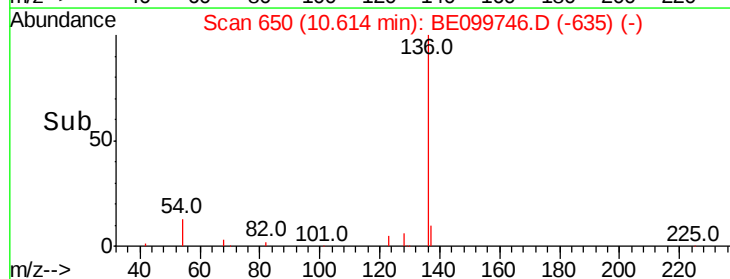
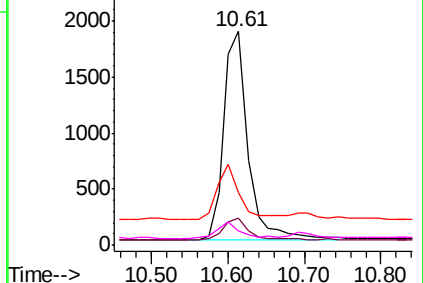


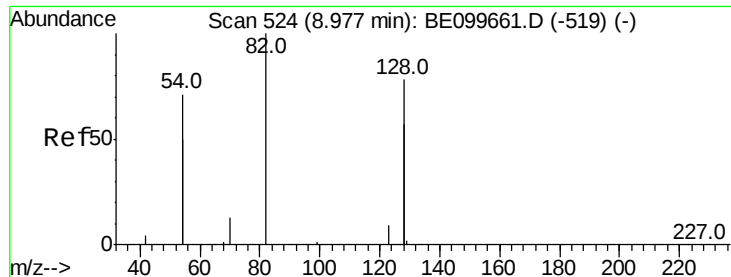
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.418 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

Instrument :

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FEQC-DUP-052319

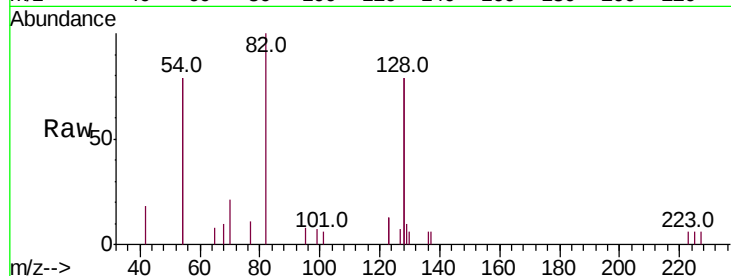
Tot Ion: 82 Resp: 1482

Ion Ratio Lower Upper

82 100

128 157.8 117.7 176.5

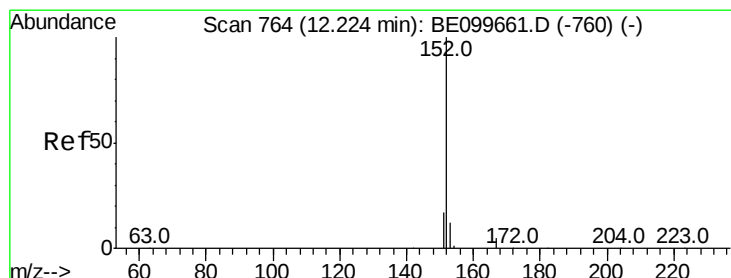
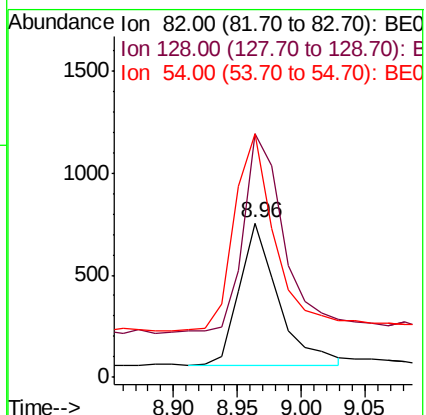
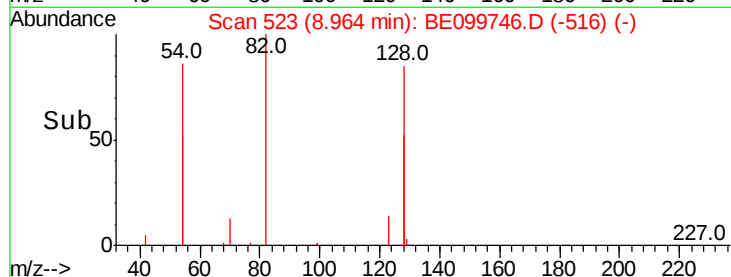
54 158.1 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099746.D

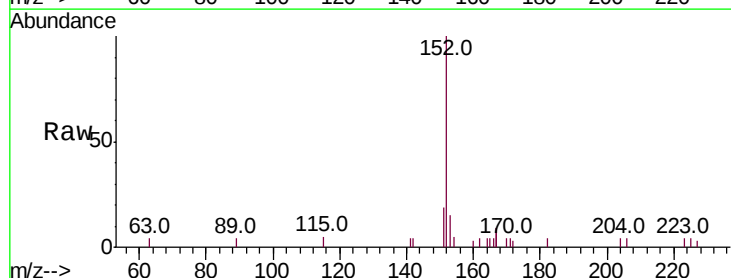
Acq: 24 May 2019 17:21

Tgt Ion: 152 Resp: 2665

Ion Ratio Lower Upper

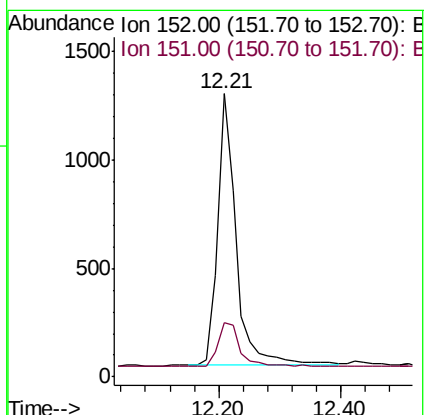
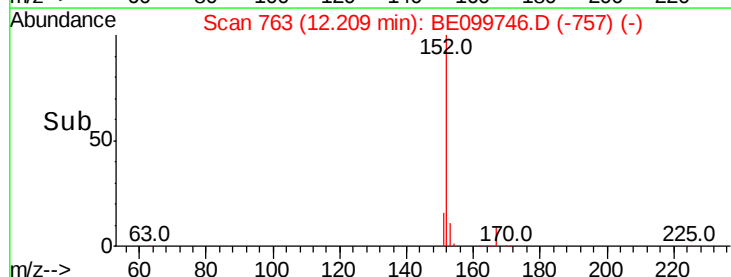
152 100

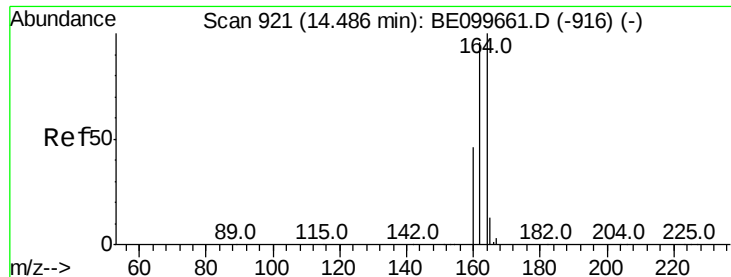
151 19.0 15.0 22.4



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: 14.47 min Scan# 920

Delta R.T. -0.02 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

Instrument :

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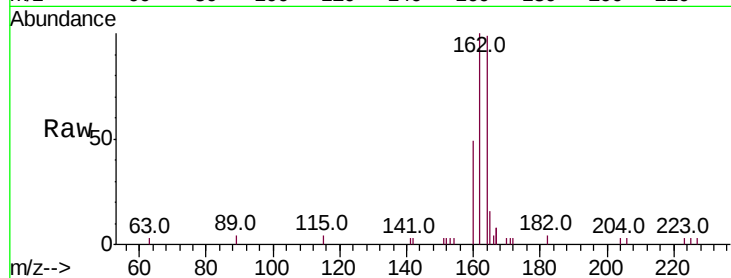
Tot Ion:164 Resp: 2969

Ion Ratio Lower Upper

164 100

162 100.6 76.5 114.7

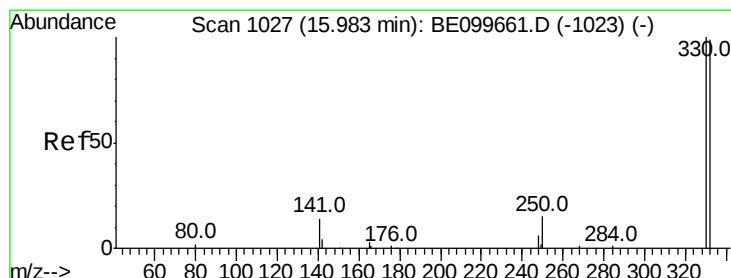
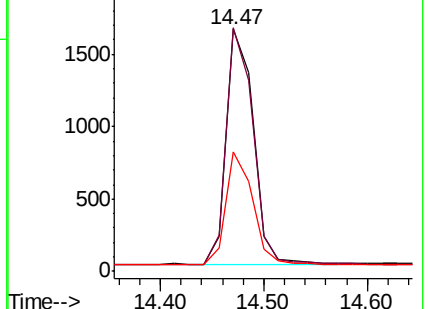
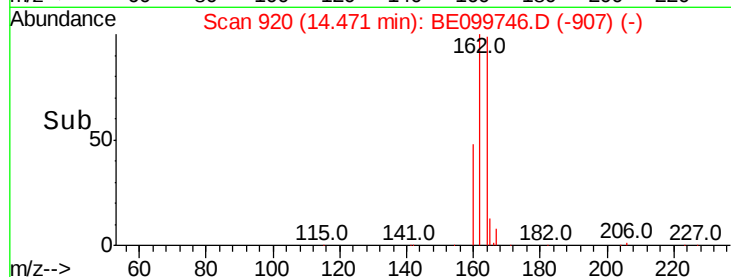
160 49.4 37.4 56.2



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: 0.489 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

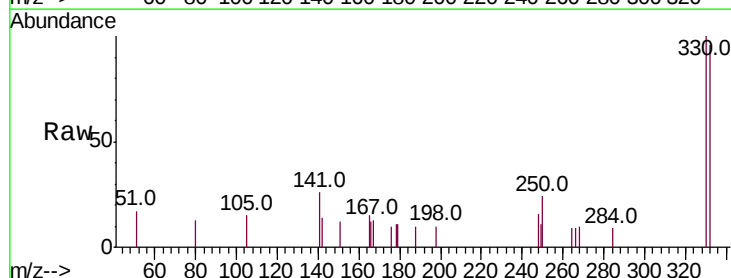
Tgt Ion:330 Resp: 818

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

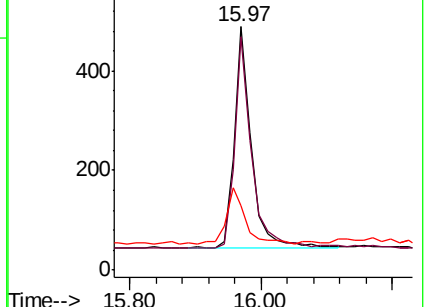
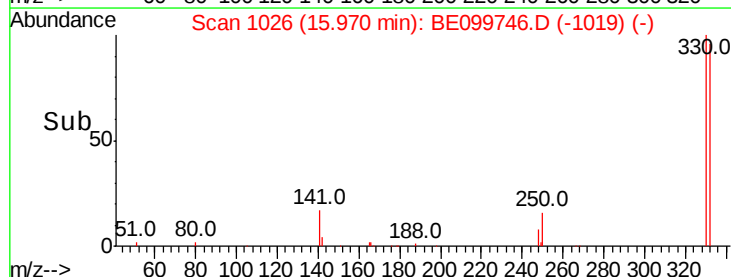
141 27.5 18.9 28.3

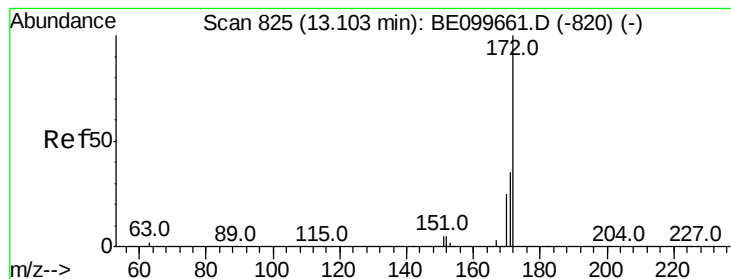


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

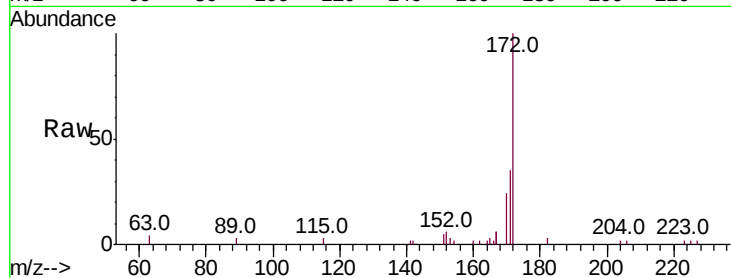




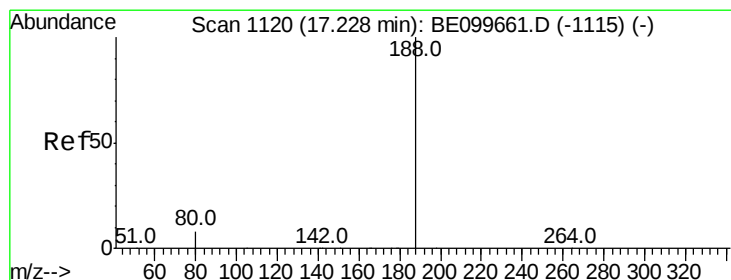
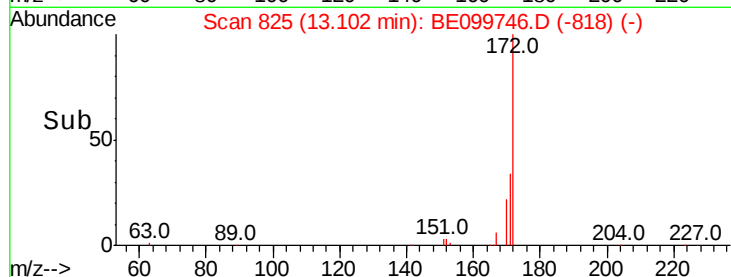
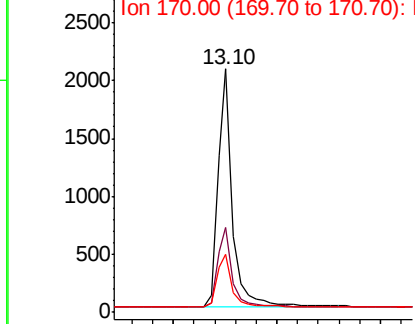
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099746.D
Acq: 24 May 2019 17:21

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Tot Ion:172 Resp: 4080
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.8 20.9 31.3

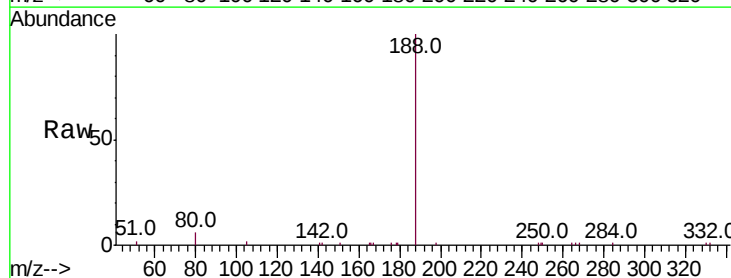


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

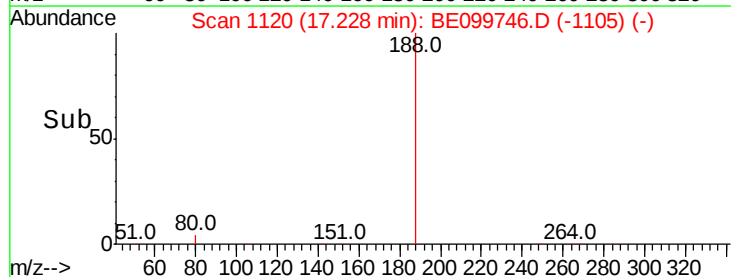
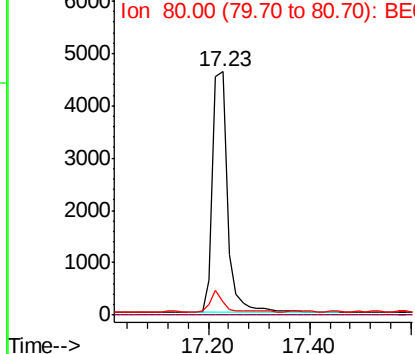


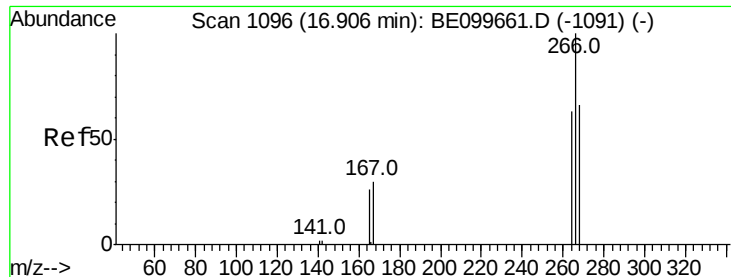
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099746.D
Acq: 24 May 2019 17:21

Tgt Ion:188 Resp: 9607
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.7 6.7 10.1#



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

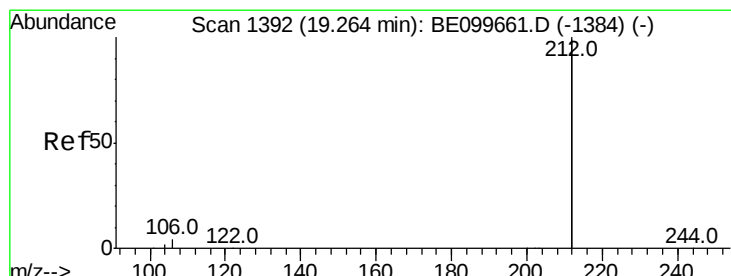
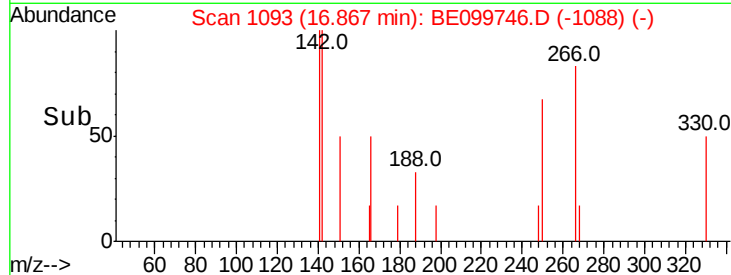
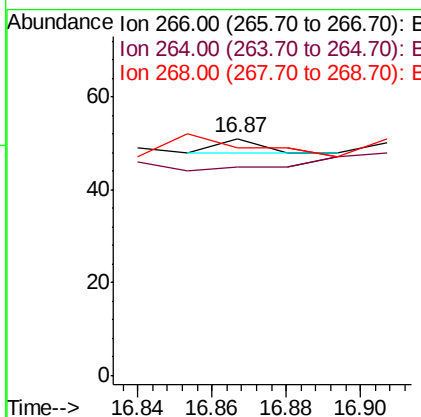
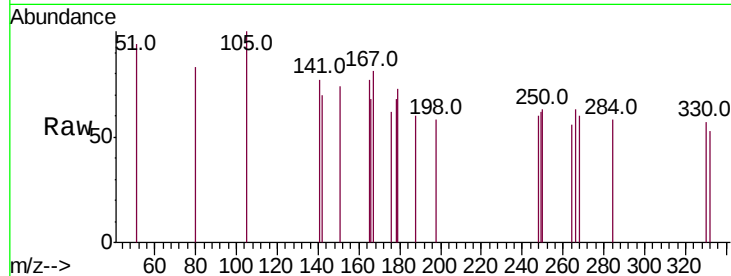




#22
 Pentachlorophenol
 Concen: 0.182 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE099746.D
 Acq: 24 May 2019 17:21

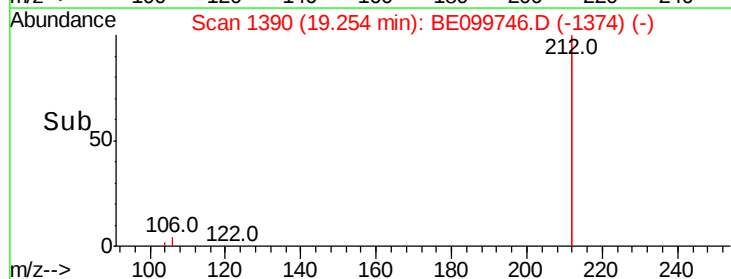
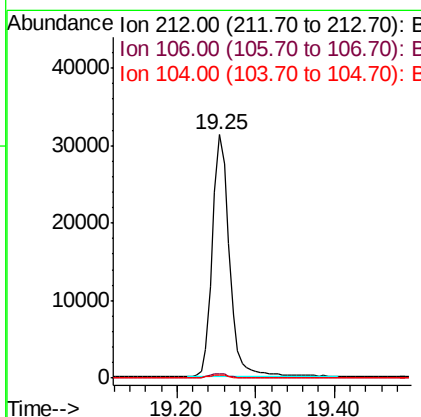
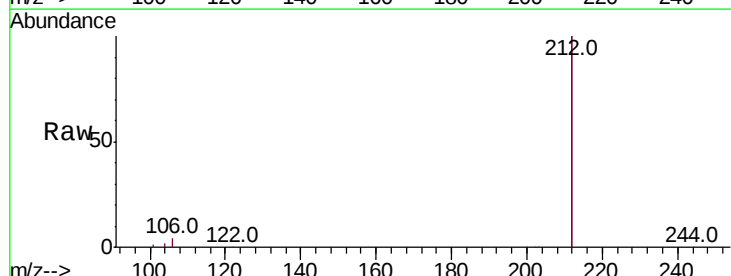
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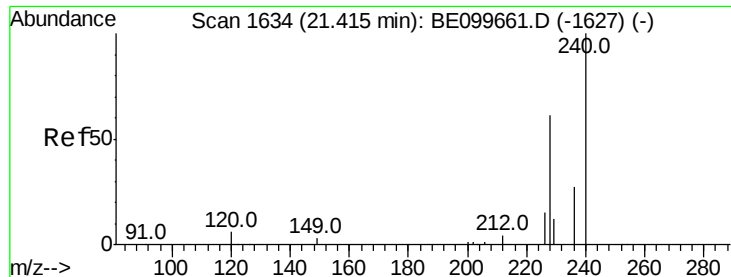
Tot Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 88.2 57.2 85.8#
 268 96.1 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099746.D
 Acq: 24 May 2019 17:21

Tgt Ion: 212 Resp: 46369
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.8 1.2

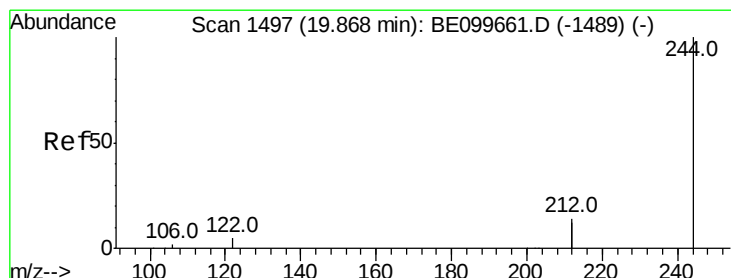
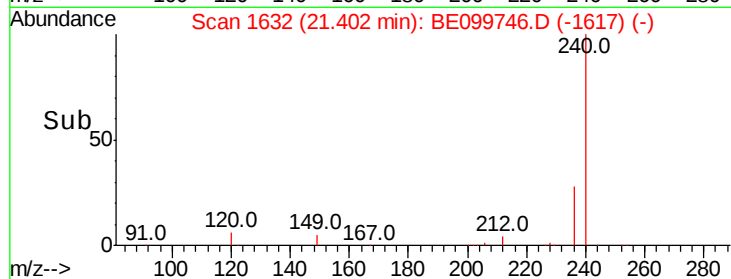
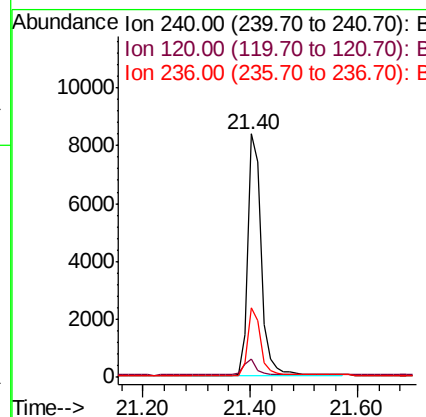
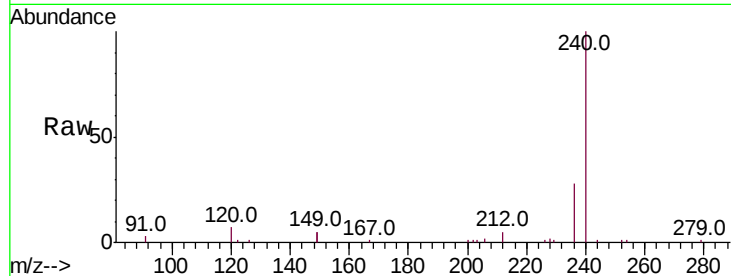




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099746.D
 Acq: 24 May 2019 17:21

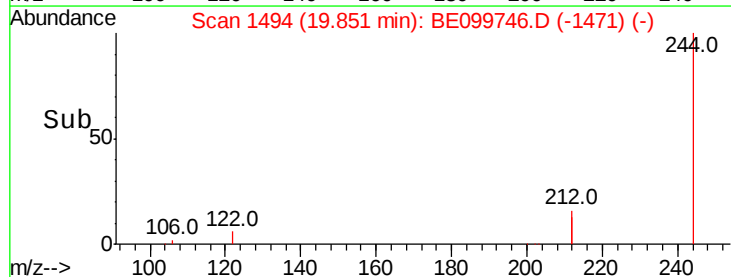
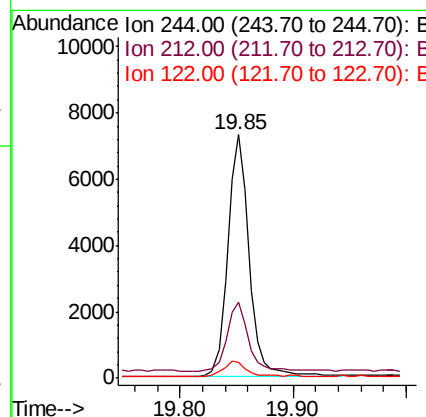
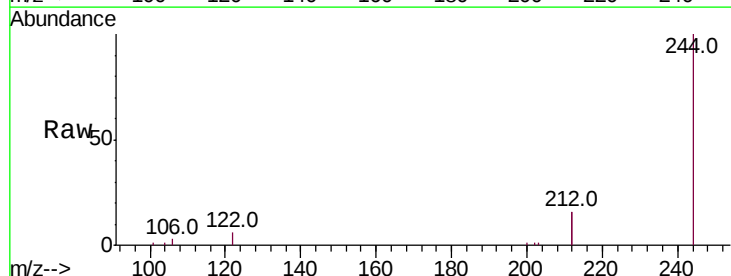
Instrument :
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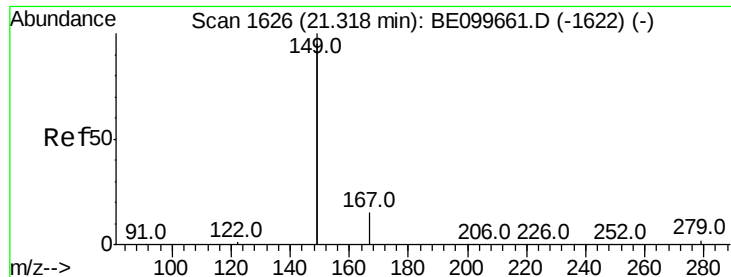
Tot Ion:240 Resp: 14781
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.4 8.0
 236 28.4 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.364 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BE099746.D
 Acq: 24 May 2019 17:21

Tgt Ion:244 Resp: 9598
 Ion Ratio Lower Upper
 244 100
 212 31.1 22.5 33.7
 122 6.4 4.3 6.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.281 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-052319

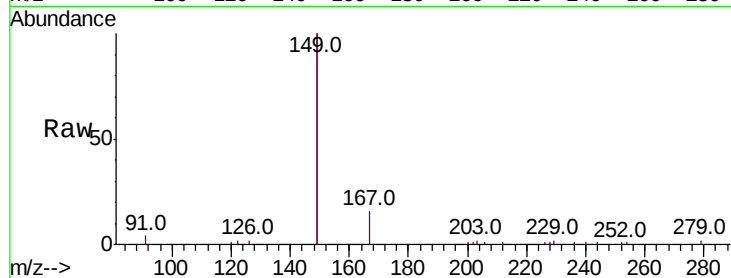
Tot Ion:149 Resp: 13615

Ion Ratio Lower Upper

149 100

167 7.7 6.2 9.4

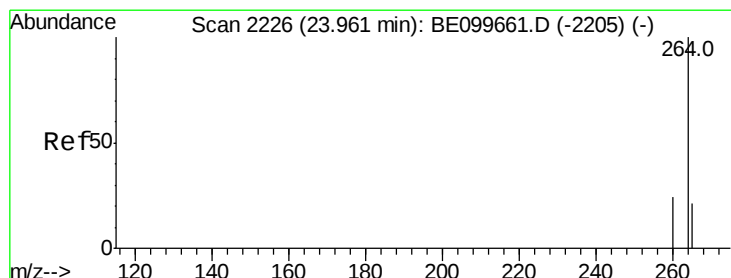
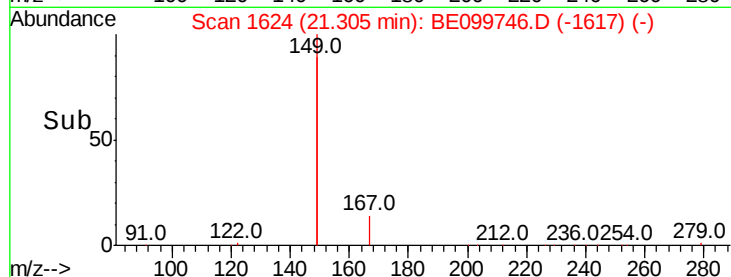
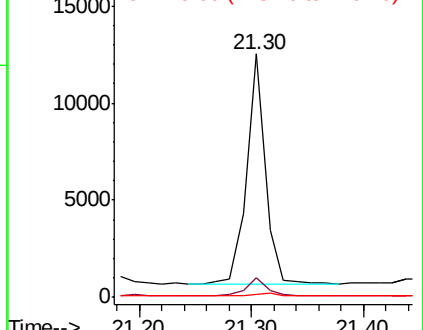
279 1.4 1.2 1.8



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: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099746.D

Acq: 24 May 2019 17:21

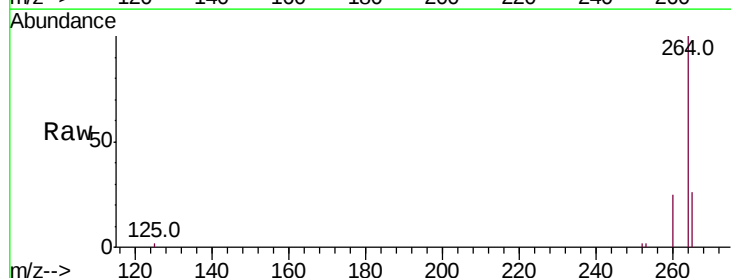
Tgt Ion:264 Resp: 17943

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 26.0 19.1 28.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

