

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
 Data File : BE099642.D
 Acq On : 17 May 2019 9:01
 Operator : JU/SJ
 Sample : K2845-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 11:50:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

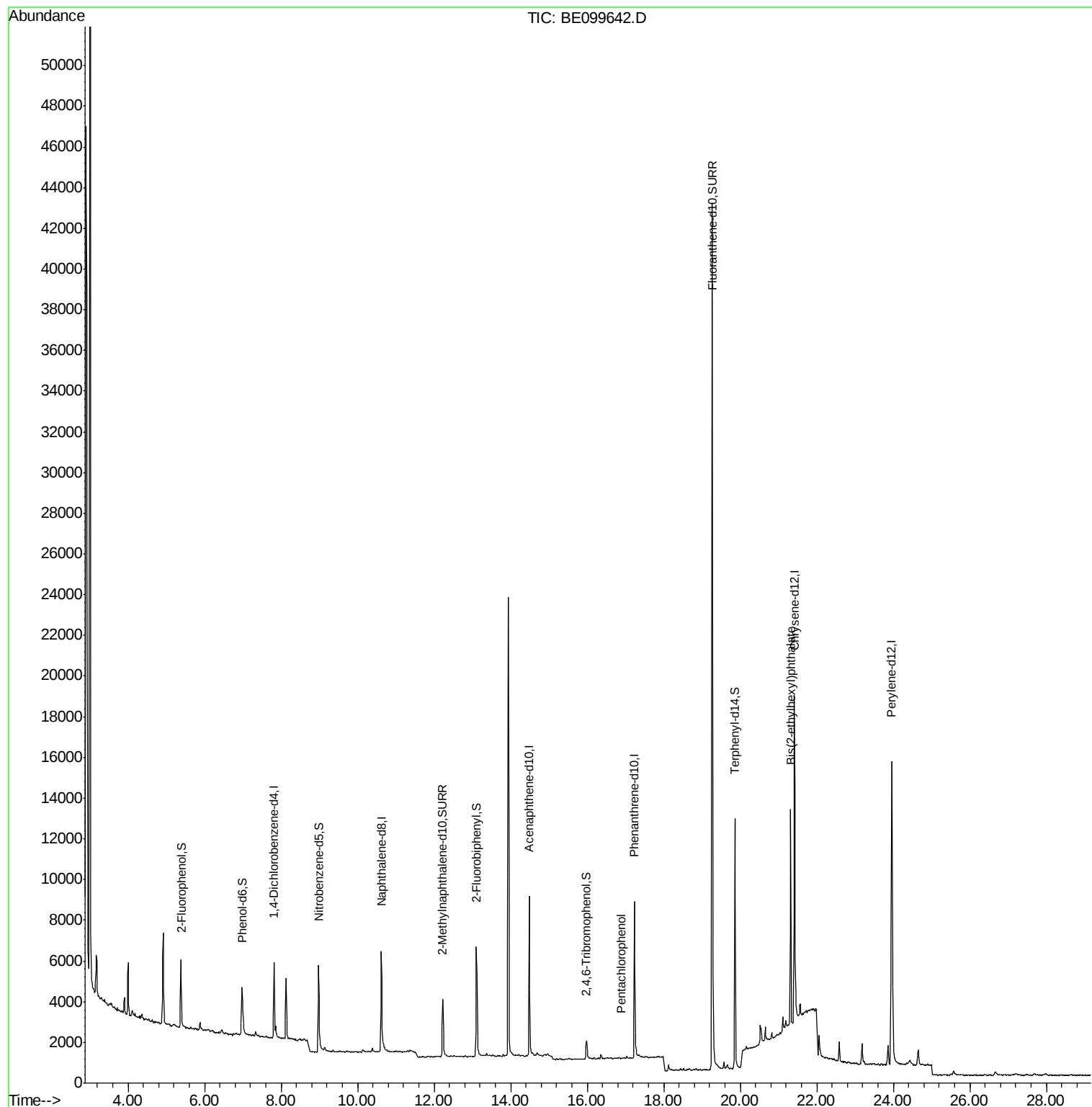
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2183	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6956	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	4642	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12852	0.40	ng	0.00
27) Chrysene-d12	21.42	240	19756	0.40	ng	0.00
34) Perylene-d12	23.96	264	24852	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2129	0.34	ng	0.01
5) Phenol-d6	6.98	99	2757	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	2255	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4329	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	725	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6409	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	63295	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	12696	0.36	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	37	0.284	ng	Qvalue # 70
32) Bis(2-ethylhexyl)phthalate	21.32	149	12134	0.132	ng	100

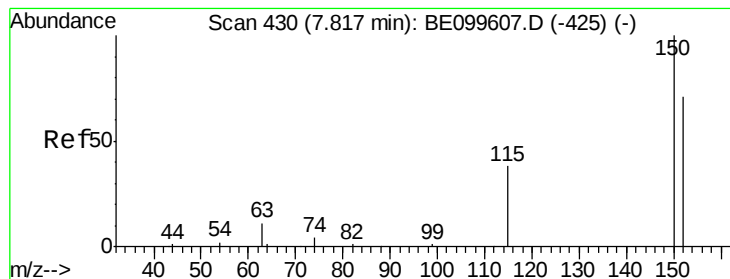
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

Instrument :

BNA_E

ClientSampleId :

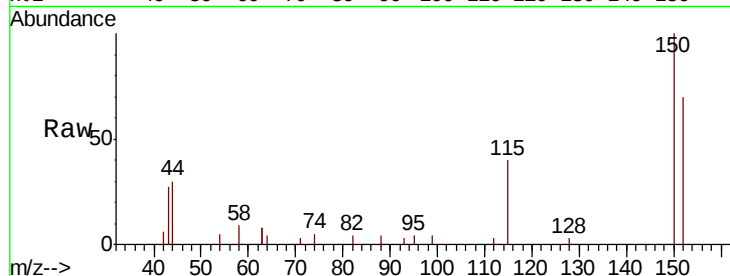
Tot Ion:152 Resp: 2183

Ion Ratio Lower Upper

152 100

150 142.3 110.1 165.1

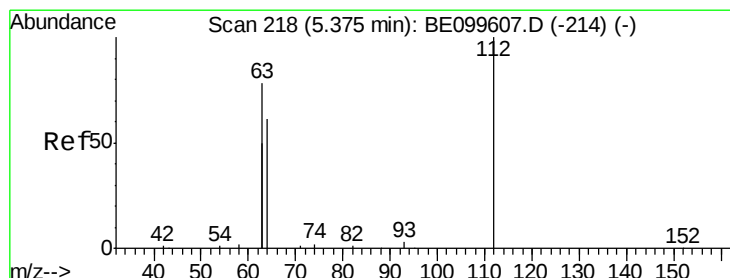
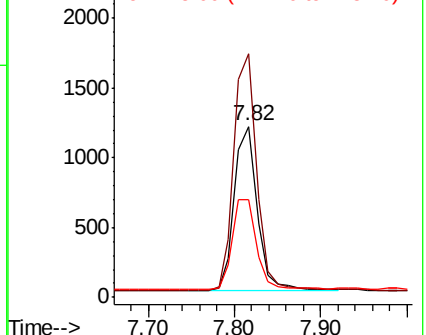
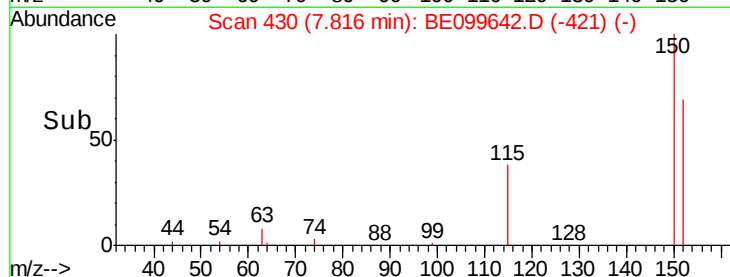
115 57.2 46.2 69.4



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: 0.344 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

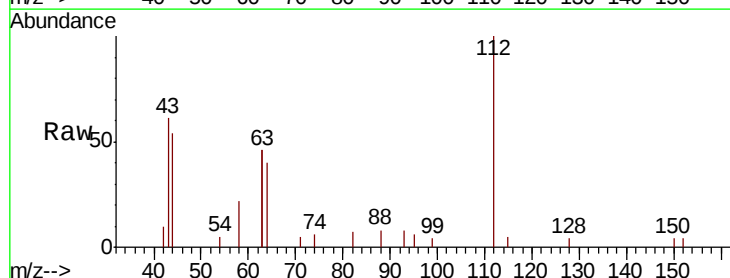
Tgt Ion:112 Resp: 2129

Ion Ratio Lower Upper

112 100

64 54.4 43.7 65.5

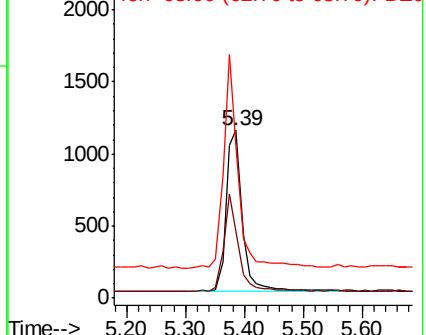
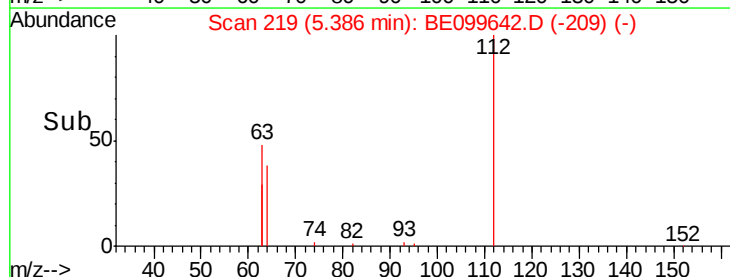
63 119.0 94.0 141.0

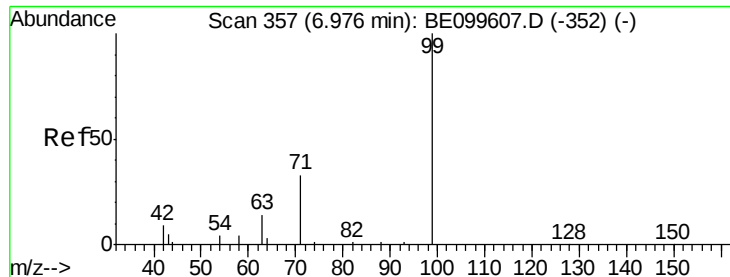


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.351 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

Instrument :

BNA_E

ClientSampleId :

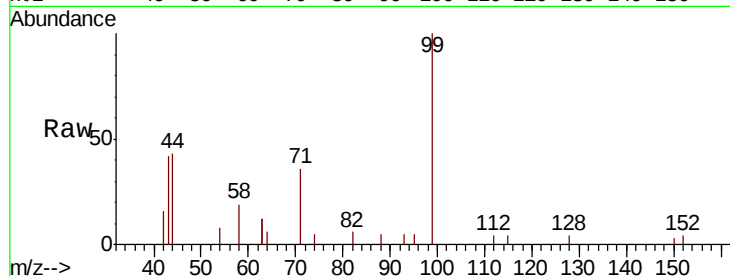
Tot Ion: 99 Resp: 2757

Ion Ratio Lower Upper

99 100

42 13.7 14.3 21.5#

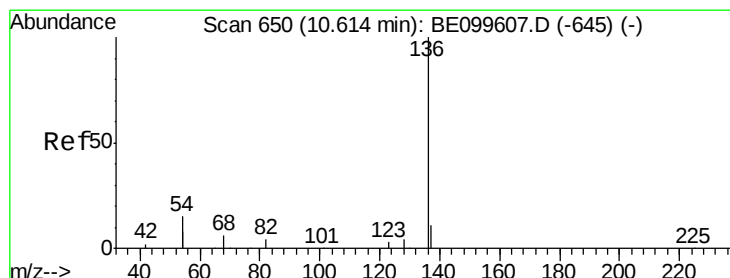
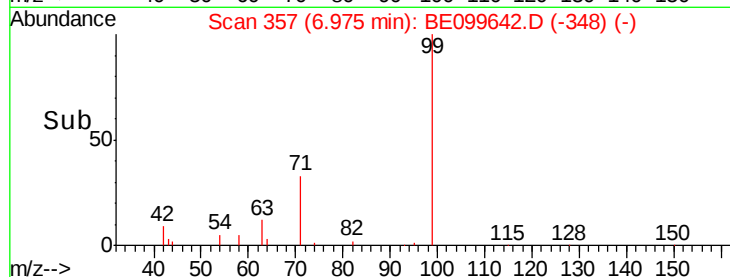
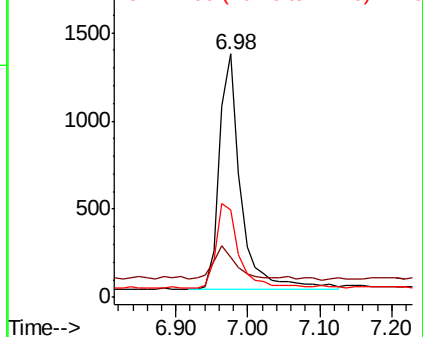
71 37.4 33.1 49.7



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: BE099642.D

Acq: 17 May 2019 9:01

Tgt Ion: 136 Resp: 6956

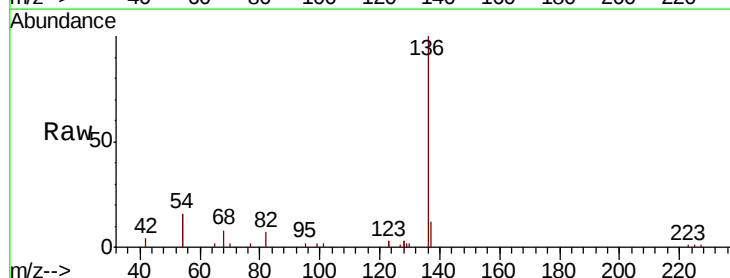
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 31.5 23.8 35.8

68 8.4 6.2 9.2

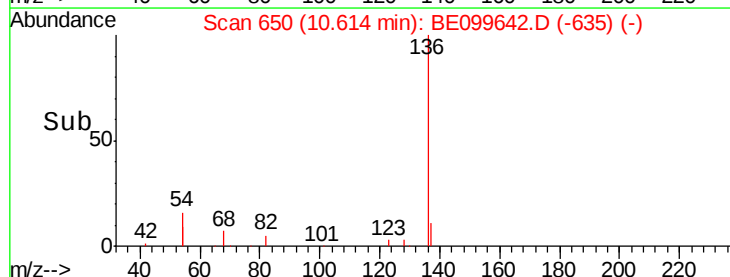
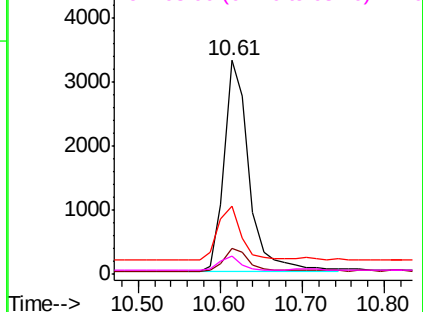


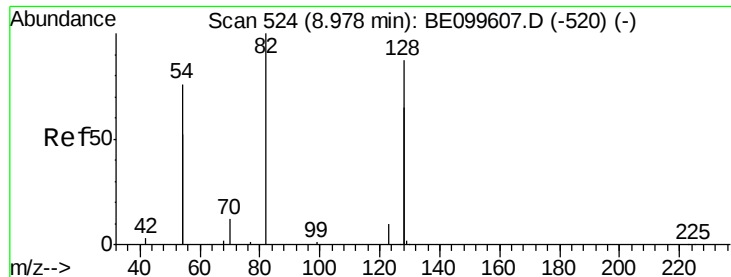
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

Instrument :

BNA_E

ClientSampleId :

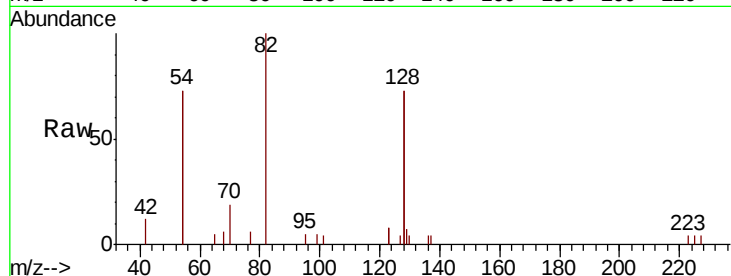
Tot Ion: 82 Resp: 2255

Ion Ratio Lower Upper

82 100

128 145.9 131.4 197.2

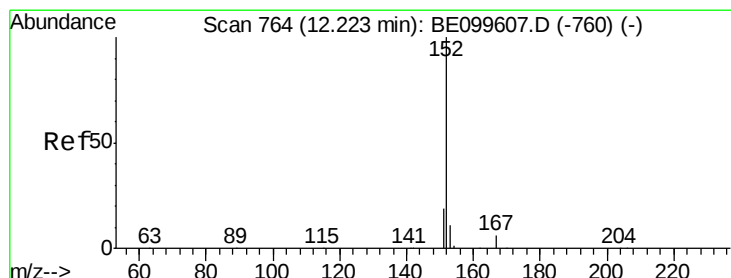
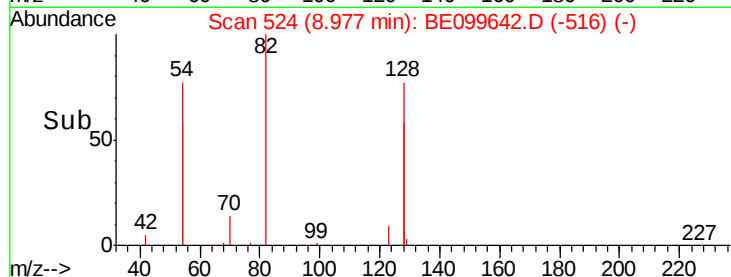
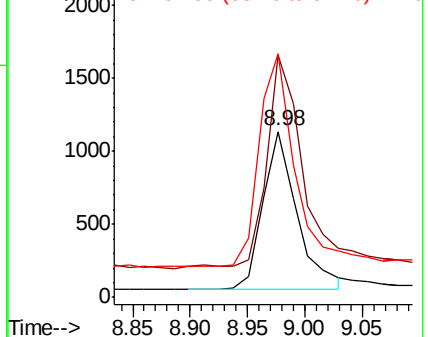
54 147.0 113.9 170.9



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: 0.370 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099642.D

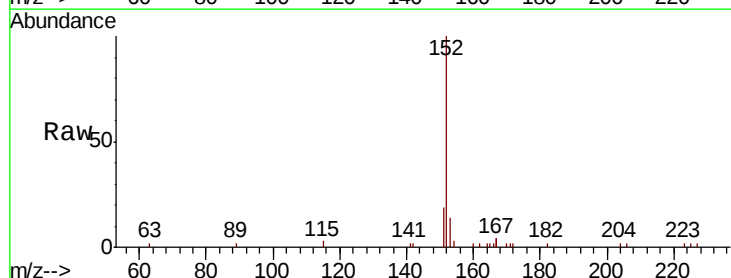
Acq: 17 May 2019 9:01

Tgt Ion: 152 Resp: 4329

Ion Ratio Lower Upper

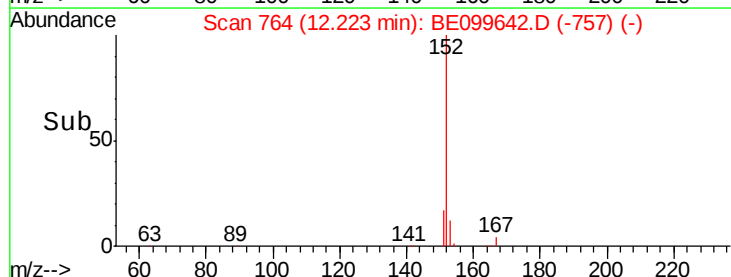
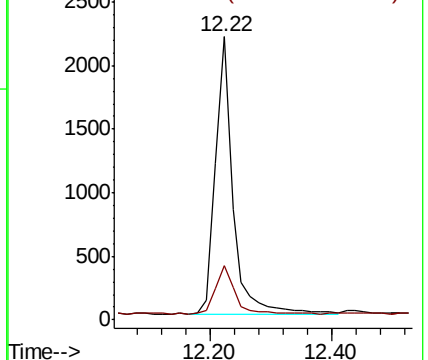
152 100

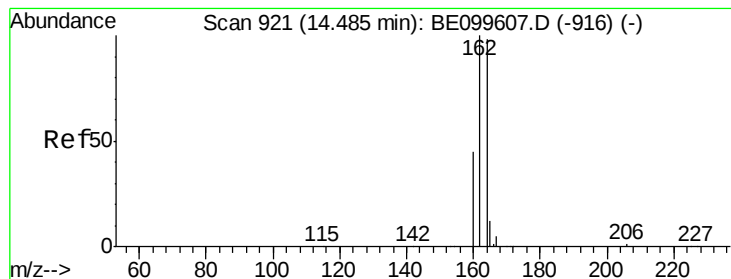
151 19.5 15.3 22.9



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: 14.48 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

Instrument :

BNA_E

ClientSampleId :

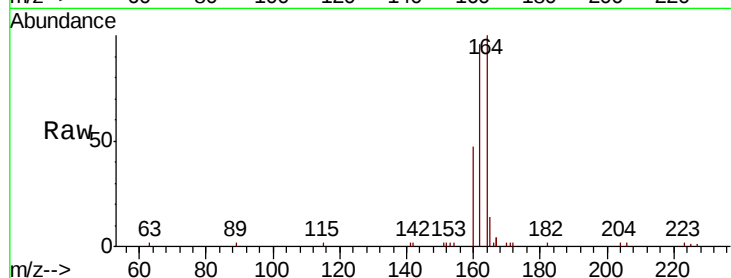
Tot Ion:164 Resp: 4642

Ion Ratio Lower Upper

164 100

162 95.6 81.4 122.0

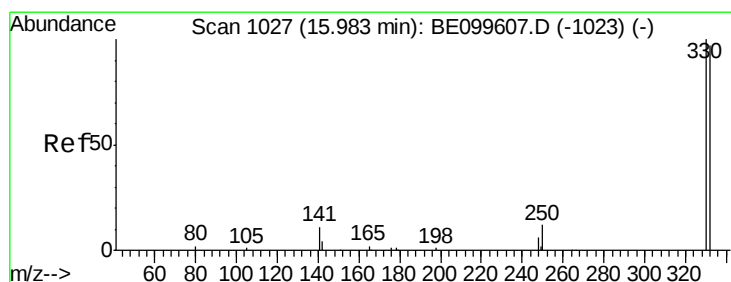
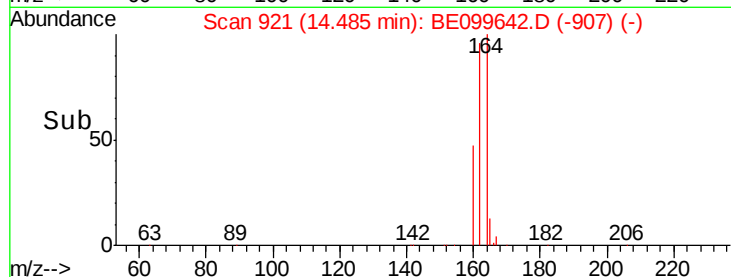
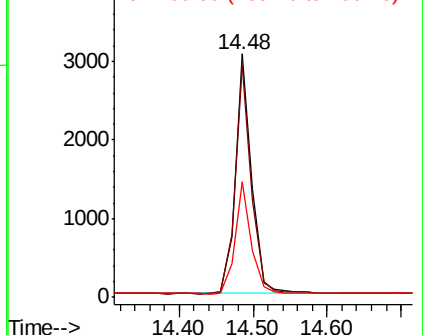
160 47.3 37.4 56.2



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: 0.228 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

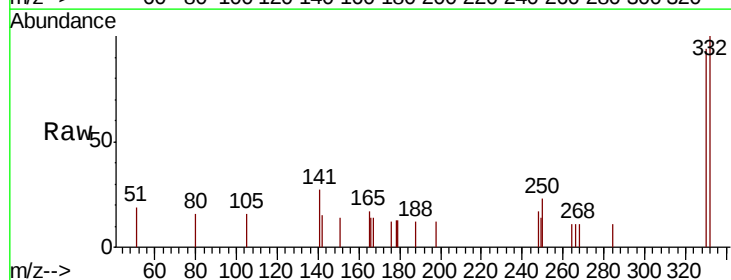
Tgt Ion:330 Resp: 725

Ion Ratio Lower Upper

330 100

332 105.5 73.8 110.8

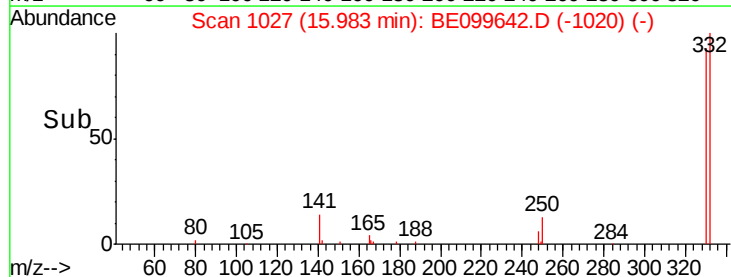
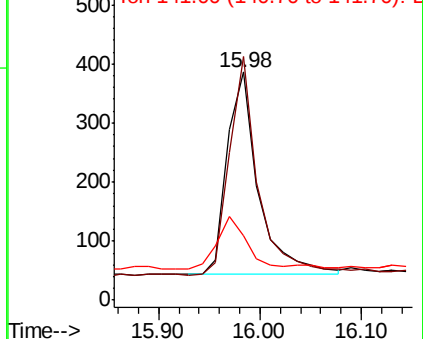
141 25.7 21.0 31.6

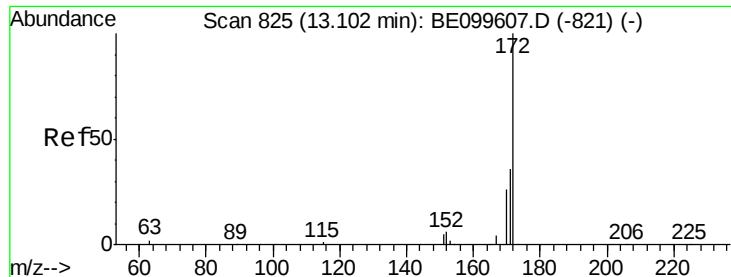


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

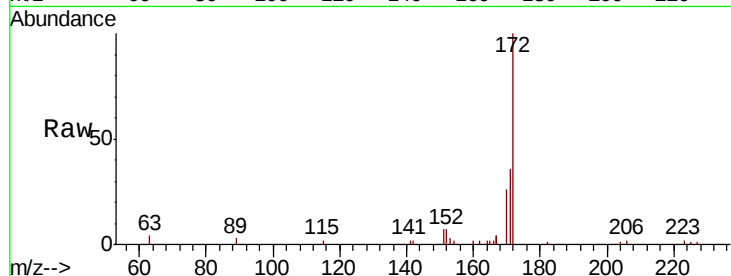




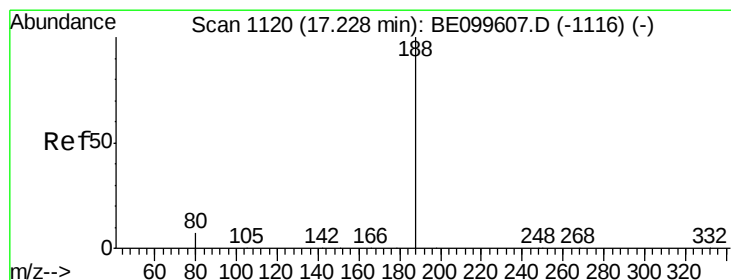
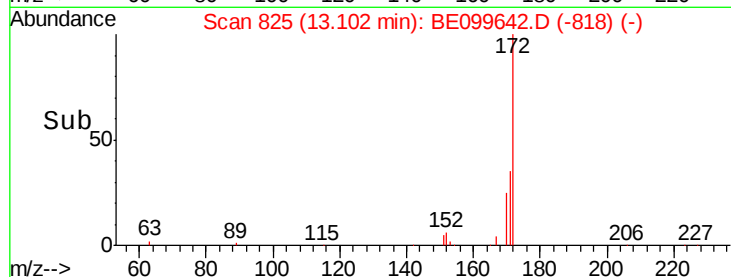
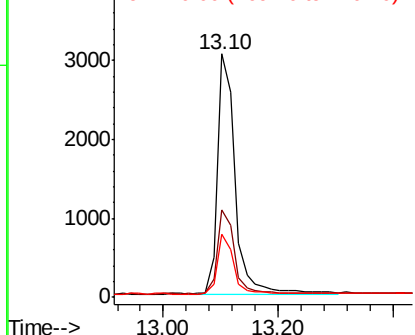
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099642.D
Acq: 17 May 2019 9:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6409
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.2
170 25.9 21.5 32.3

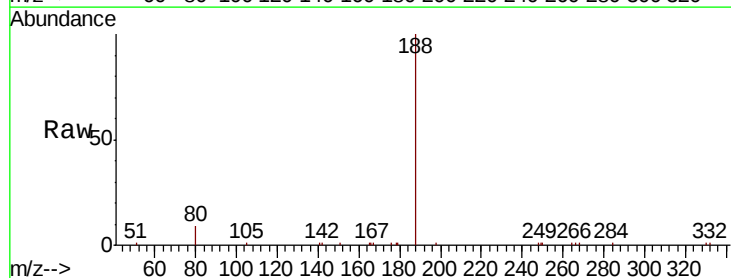


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

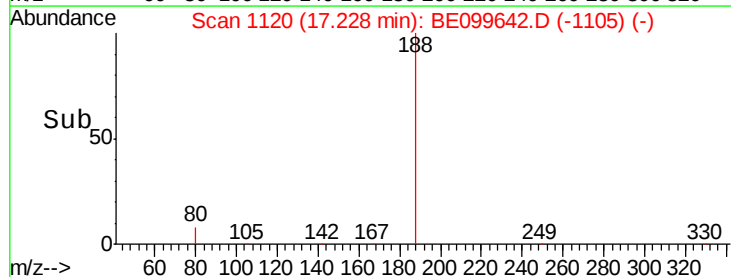
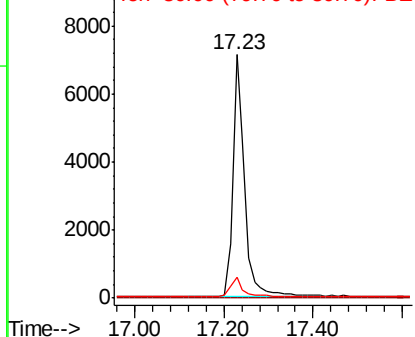


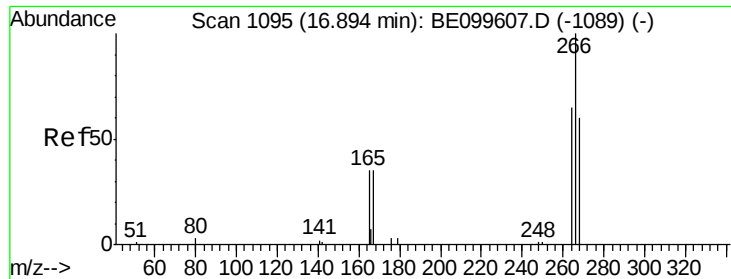
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099642.D
Acq: 17 May 2019 9:01

Tgt Ion:188 Resp: 12852
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 6.4 9.6



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

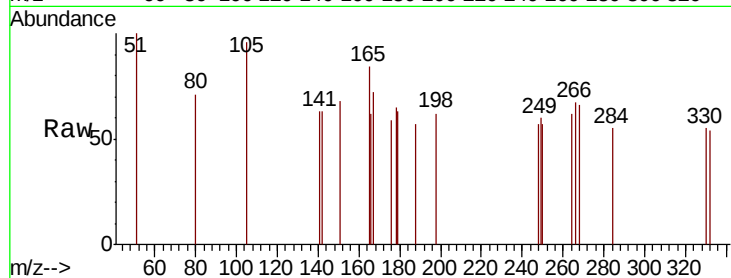




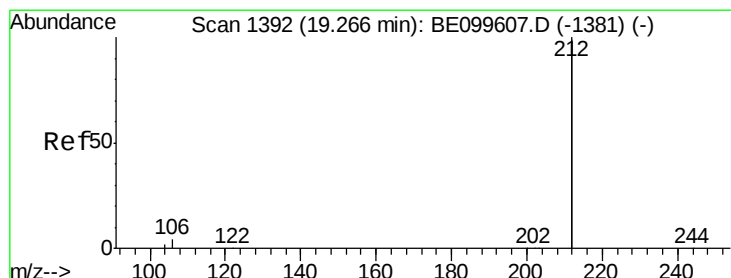
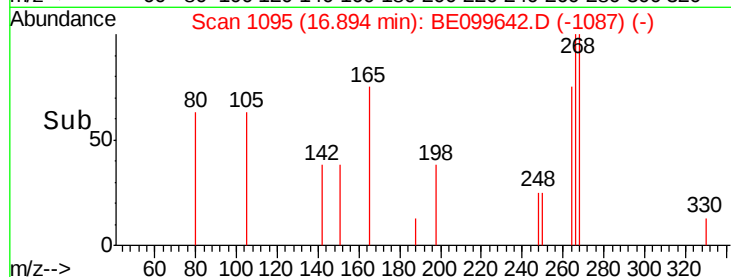
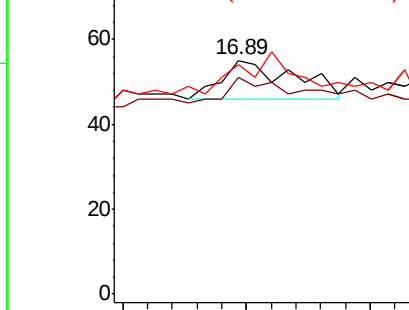
#22
 Pentachlorophenol
 Concen: 0.284 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BE099642.D
 Acq: 17 May 2019 9:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 92.7 57.7 86.5#
 268 98.2 55.8 83.8#

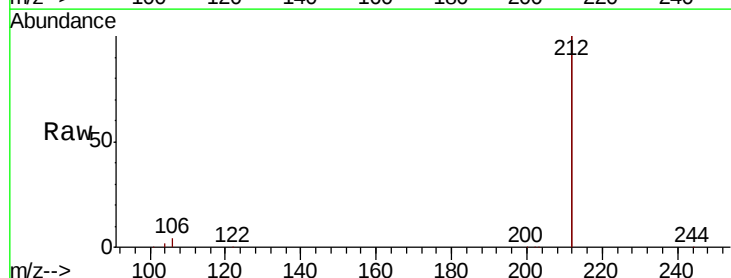


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

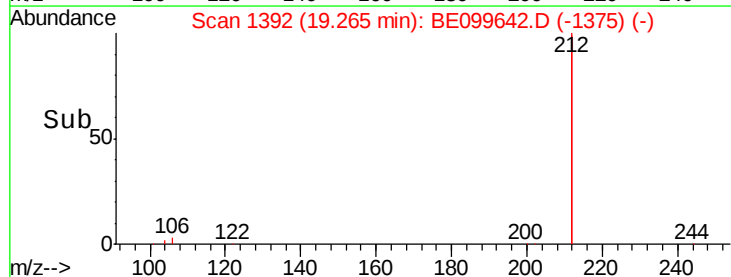
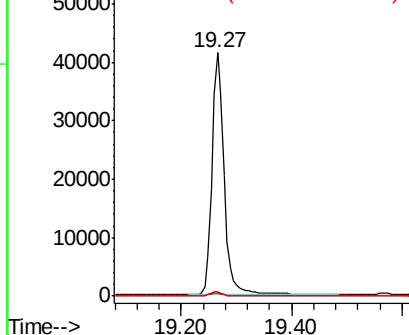


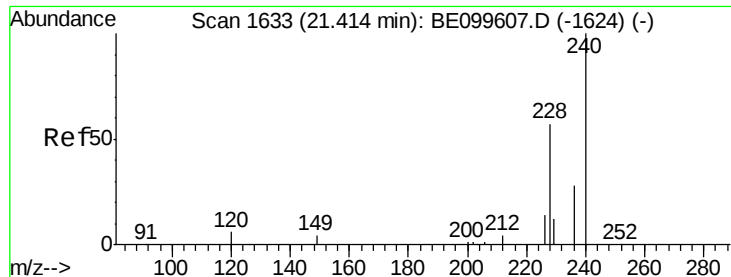
#25
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099642.D
 Acq: 17 May 2019 9:01

Tgt Ion:212 Resp: 63295
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3



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

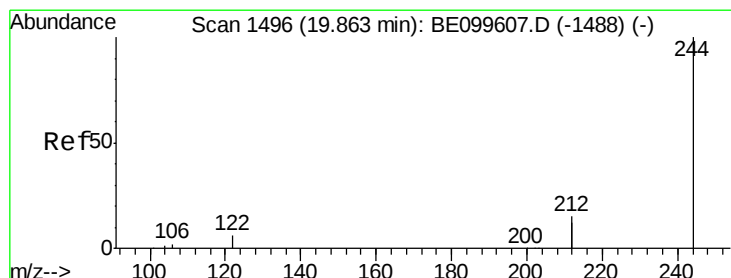
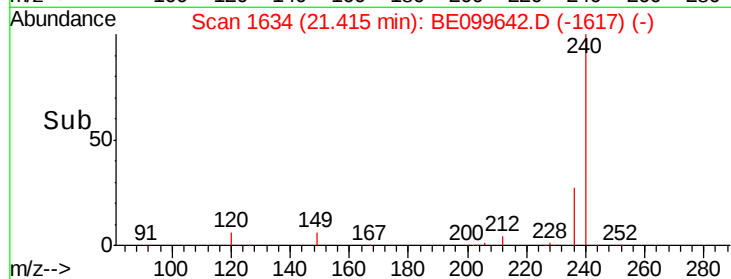
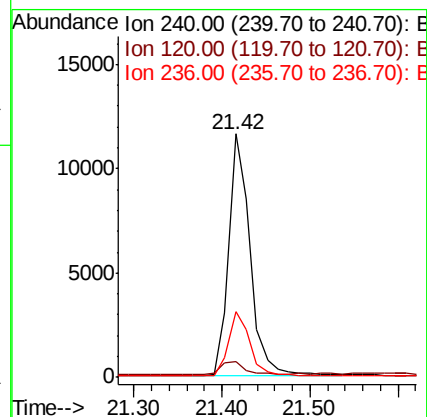
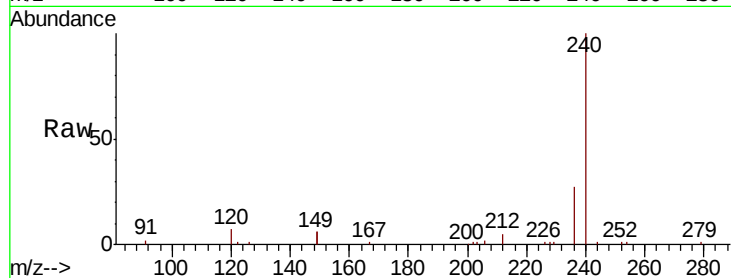




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099642.D
 Acq: 17 May 2019 9:01

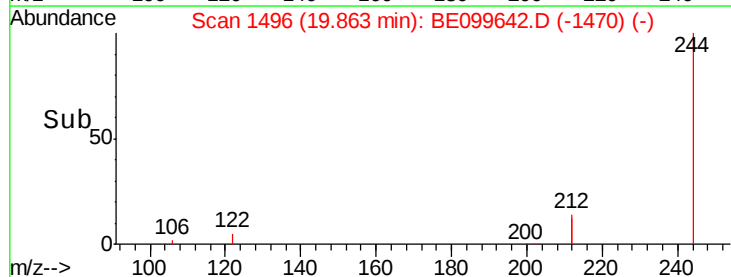
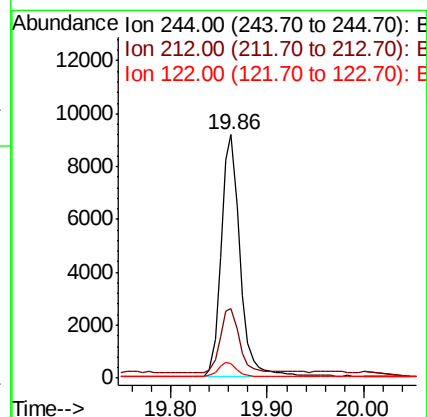
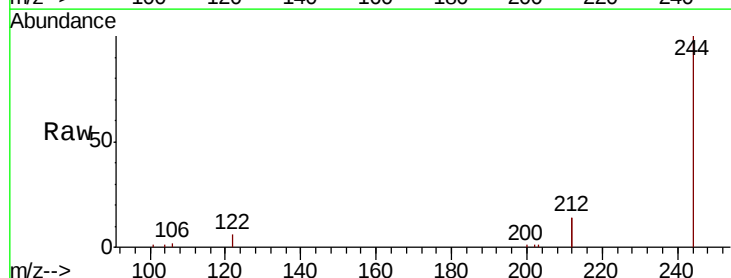
Instrument :
 BNA_E
 ClientSampleId :

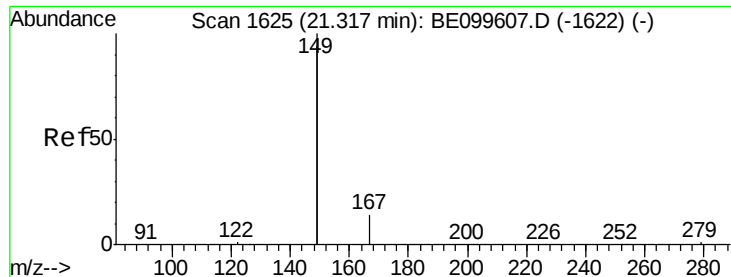
Tot Ion:240 Resp: 19756
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.7 8.5
 236 27.0 22.8 34.2



#29
 Terphenyl-d14
 Concen: 0.357 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BE099642.D
 Acq: 17 May 2019 9:01

Tgt Ion:244 Resp: 12696
 Ion Ratio Lower Upper
 244 100
 212 28.5 23.8 35.6
 122 5.7 5.0 7.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

Instrument :

BNA_E

ClientSampled :

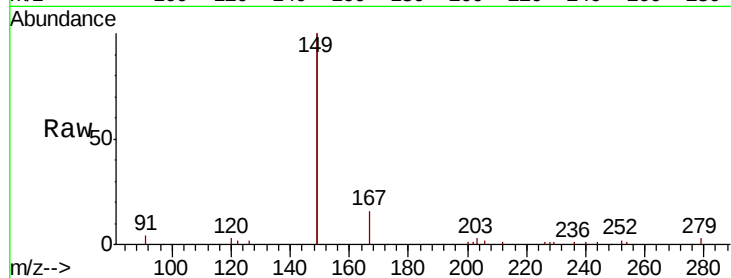
Tot Ion:149 Resp: 12134

Ion Ratio Lower Upper

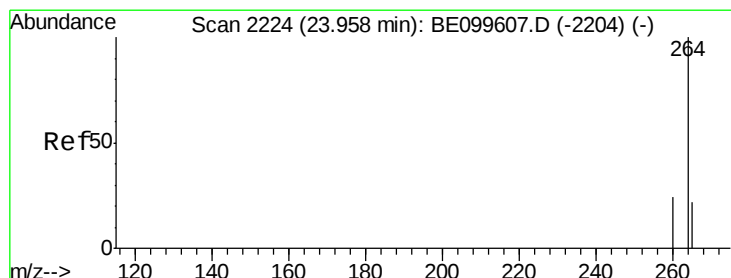
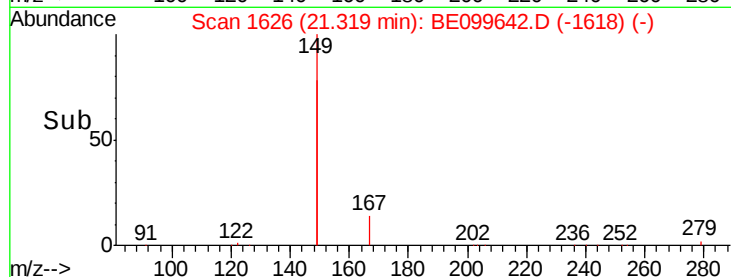
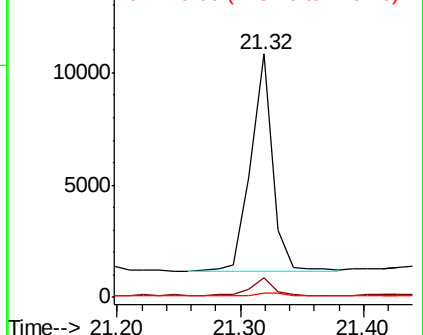
149 100

167 7.5 6.0 9.0

279 1.6 1.1 1.7



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: 23.96 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE099642.D

Acq: 17 May 2019 9:01

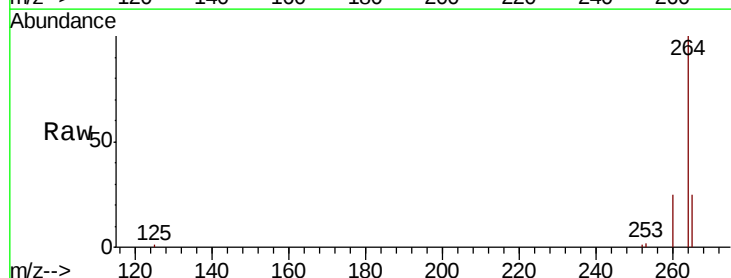
Tgt Ion:264 Resp: 24852

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 24.7 21.2 31.8



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

