

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099632.D
 Acq On : 16 May 2019 20:53
 Operator : JU/SJ
 Sample : K2845-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-02

Quant Time: May 17 07:03:52 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

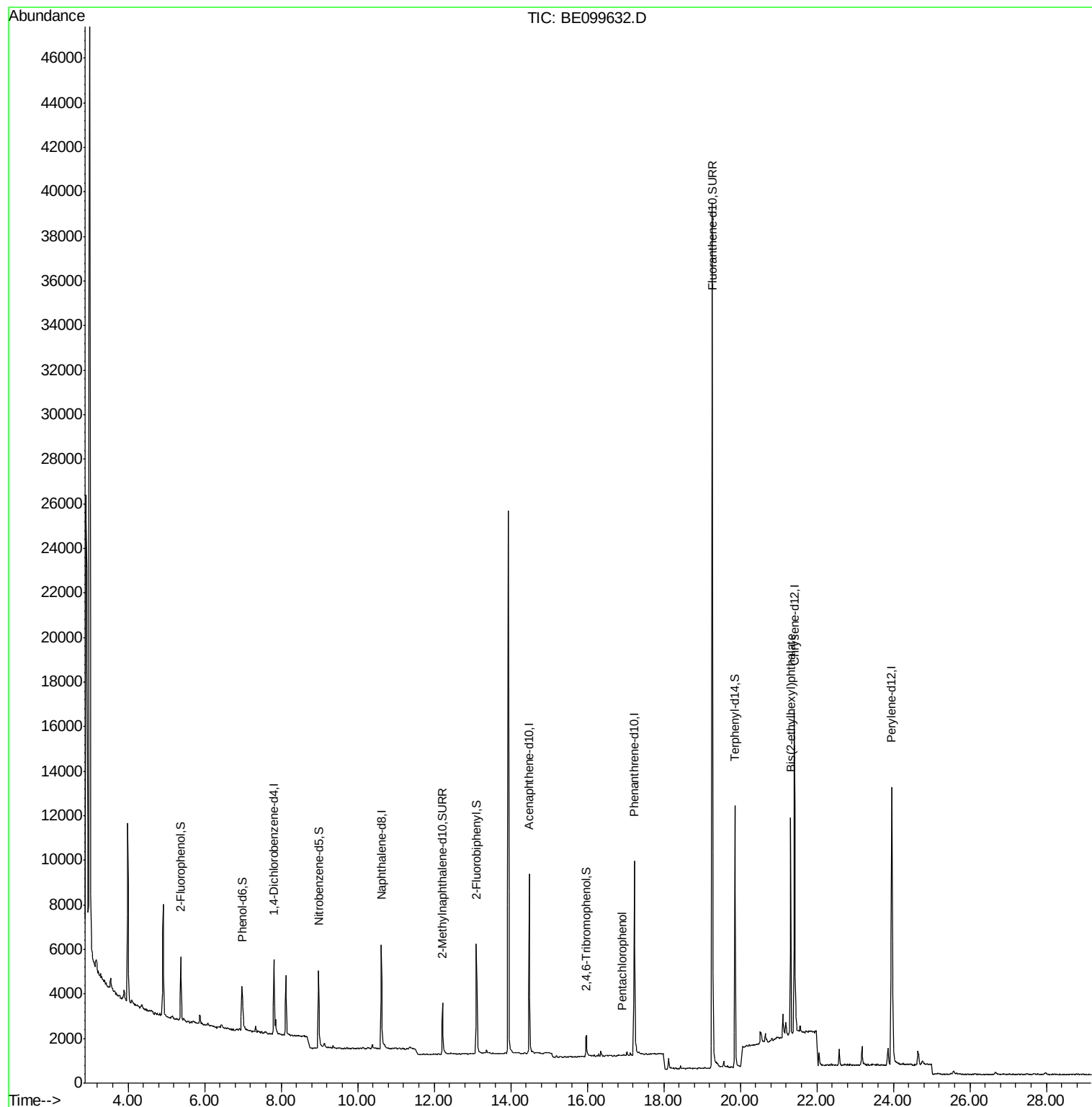
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1817	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	6445	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4640	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13918	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17463	0.40	ng	0.00
34) Perylene-d12	23.96	264	20849	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1705	0.33	ng	0.00
5) Phenol-d6	6.98	99	2340	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	1828	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3535	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	833	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5507	0.31	ng	0.00
25) Fluoranthene-d10	19.26	212	55864	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	11542	0.37	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.92	266	11	0.277	ng	Qvalue # 65
32) Bis(2-ethylhexyl)phthalate	21.32	149	10637	0.131	ng	100

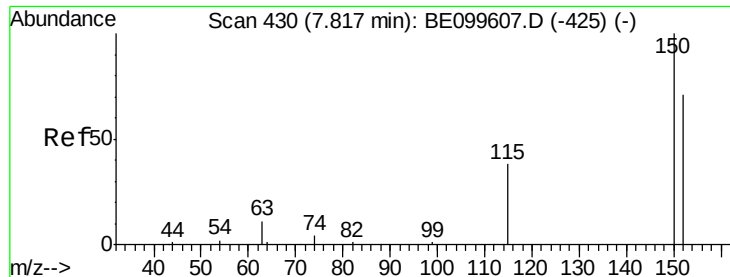
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

Instrument :

BNA_E

ClientSampleId :

FEBH-02

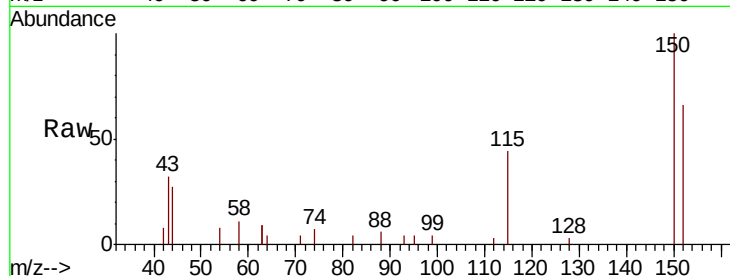
Tgt Ion:152 Resp: 1817

Ion Ratio Lower Upper

152 100

150 151.4 110.1 165.1

115 66.1 46.2 69.4

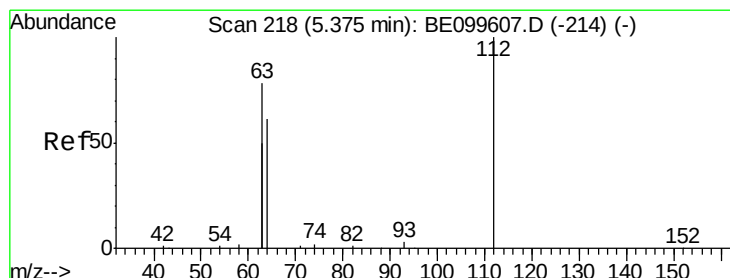
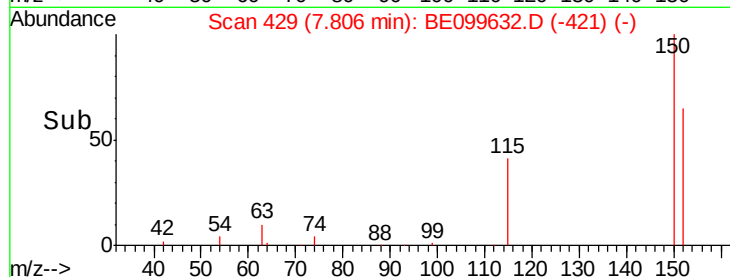
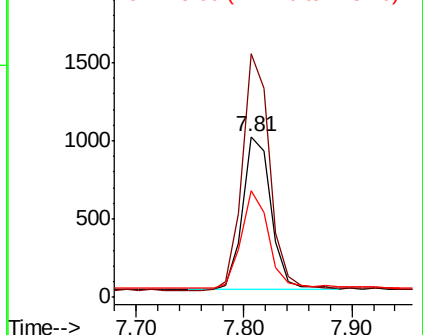


Abundance

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: 0.331 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

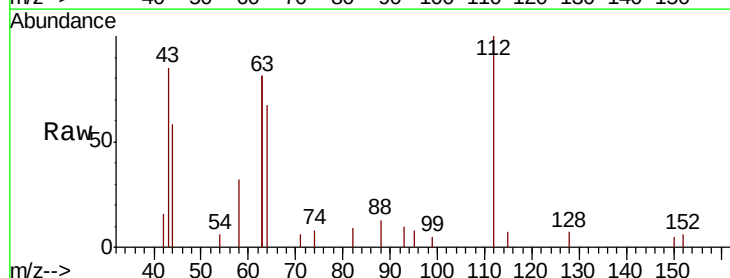
Tgt Ion:112 Resp: 1705

Ion Ratio Lower Upper

112 100

64 56.2 43.7 65.5

63 120.9 94.0 141.0

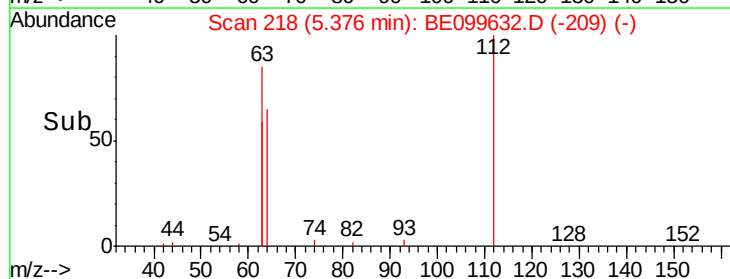
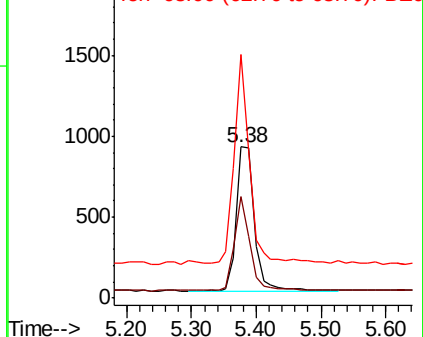


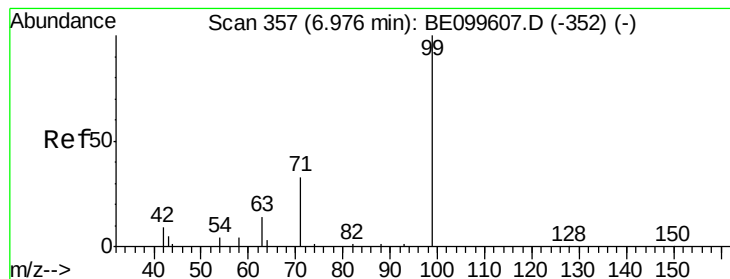
Abundance

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: 0.358 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

Instrument :

BNA_E

ClientSampleId :

FEBH-02

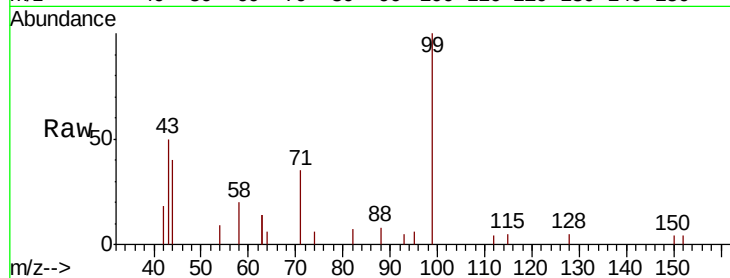
Tgt Ion: 99 Resp: 2340

Ion Ratio Lower Upper

99 100

42 13.2 14.3 21.5#

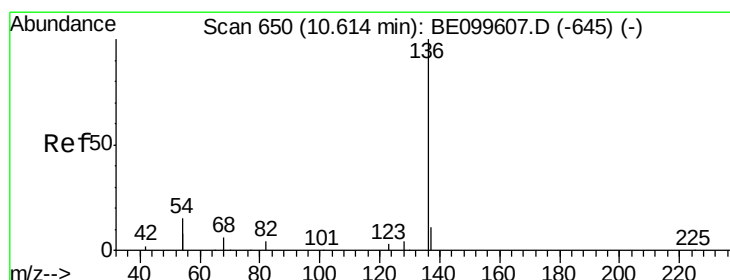
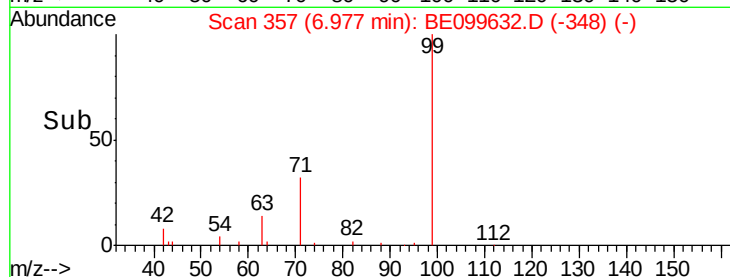
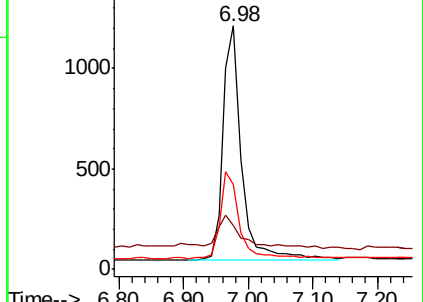
71 37.5 33.1 49.7



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: BE099632.D

Acq: 16 May 2019 20:53

Tgt Ion: 136 Resp: 6445

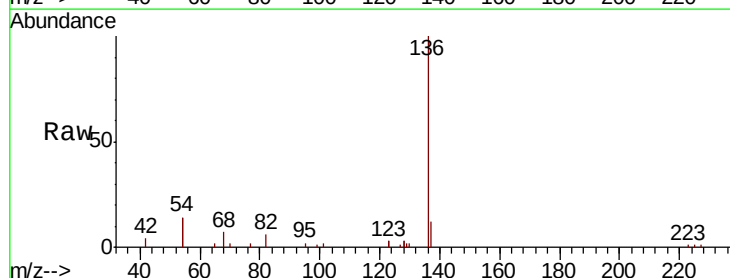
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 28.9 23.8 35.8

68 7.2 6.2 9.2

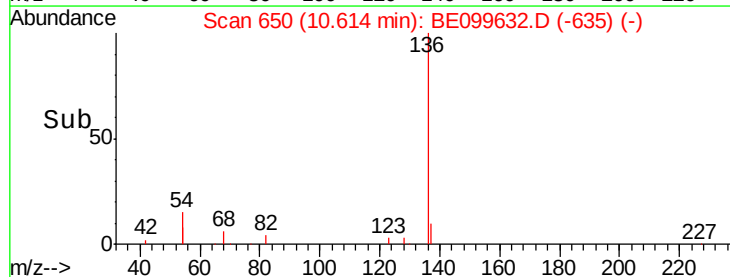
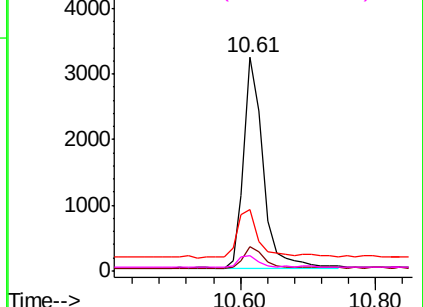


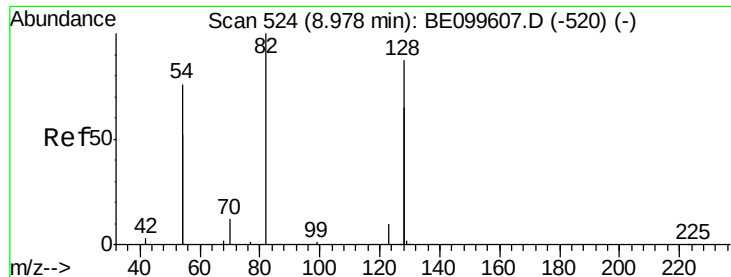
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.293 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

Instrument :

BNA_E

ClientSampleId :

FEBH-02

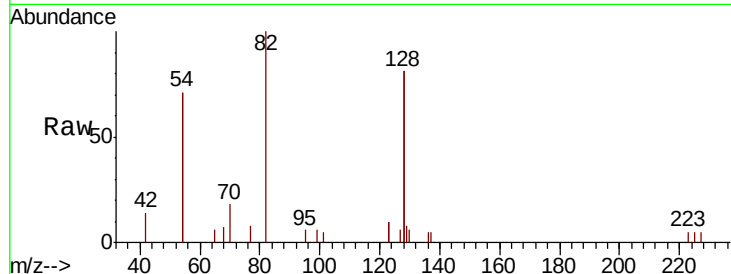
Tgt Ion: 82 Resp: 1828

Ion Ratio Lower Upper

82 100

128 161.4 131.4 197.2

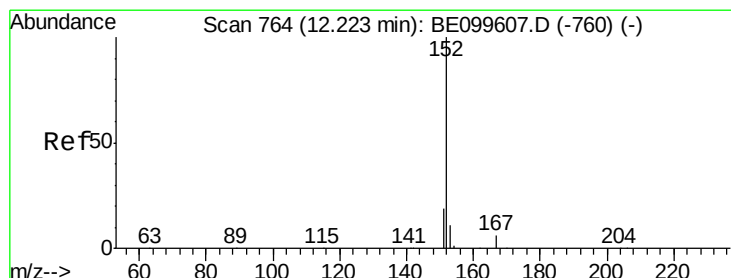
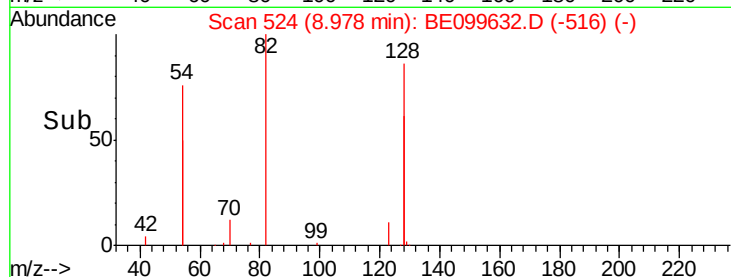
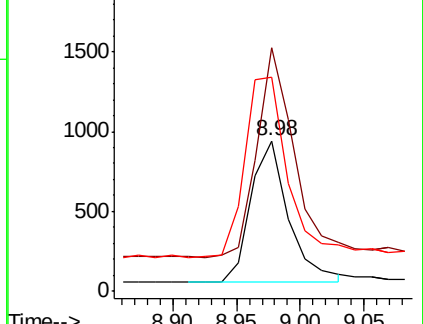
54 142.2 113.9 170.9



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: 0.326 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099632.D

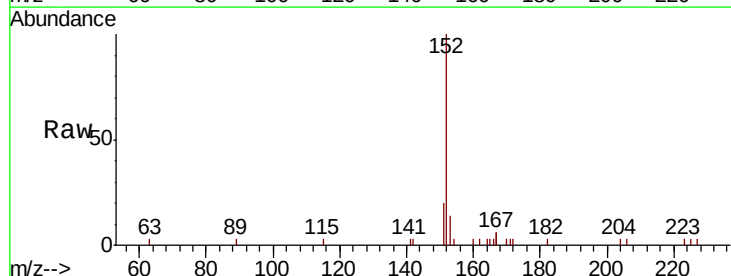
Acq: 16 May 2019 20:53

Tgt Ion: 152 Resp: 3535

Ion Ratio Lower Upper

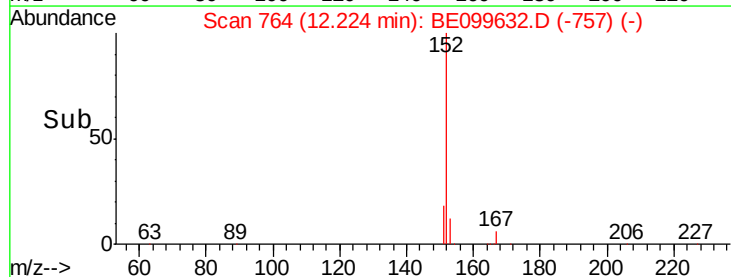
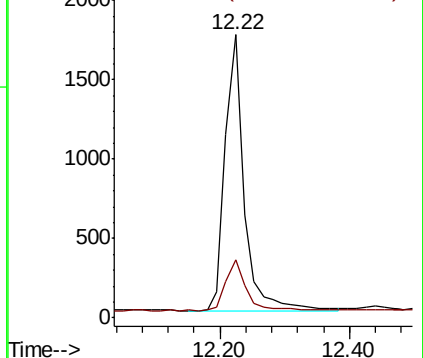
152 100

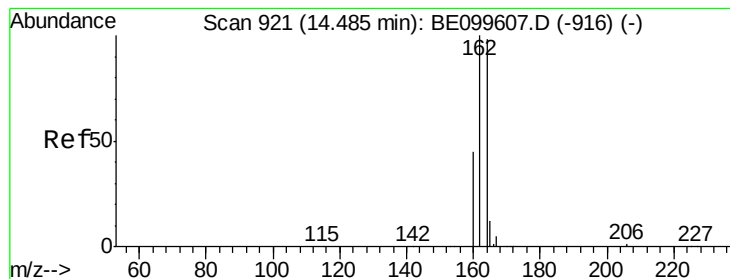
151 19.3 15.3 22.9



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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

Instrument :

BNA_E

ClientSampleId :

FEBH-02

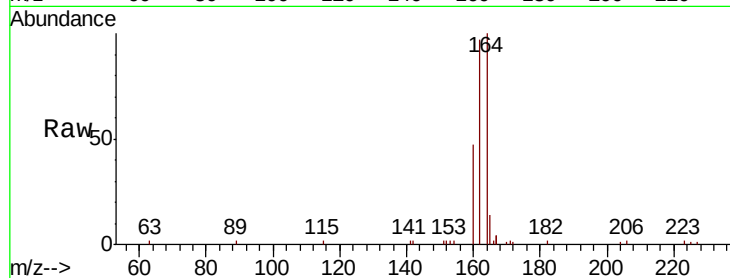
Tgt Ion:164 Resp: 4640

Ion Ratio Lower Upper

164 100

162 96.5 81.4 122.0

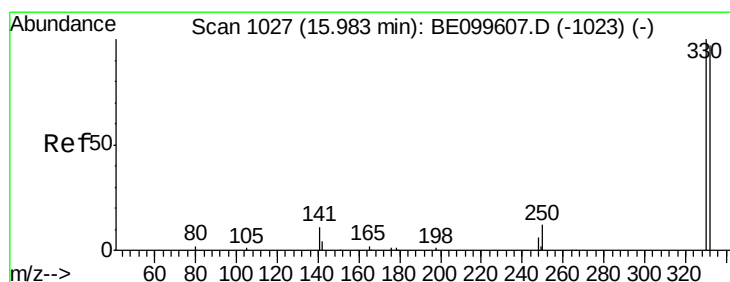
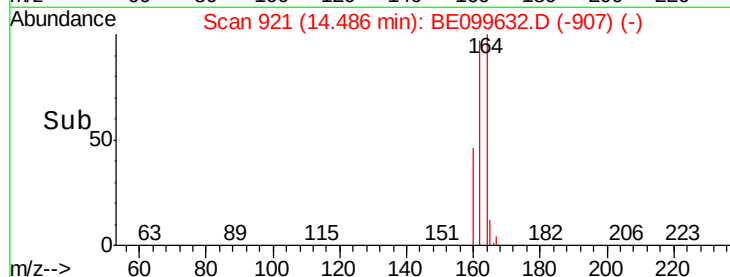
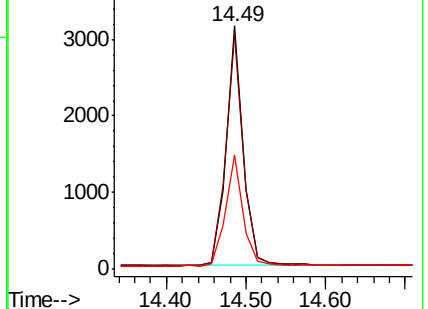
160 46.9 37.4 56.2



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: 0.262 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

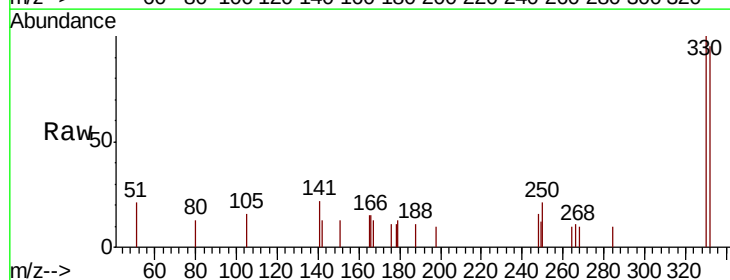
Tgt Ion:330 Resp: 833

Ion Ratio Lower Upper

330 100

332 98.1 73.8 110.8

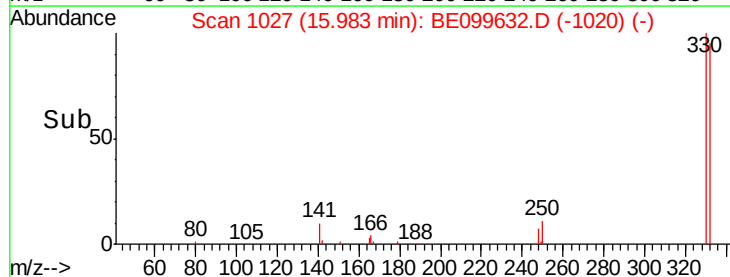
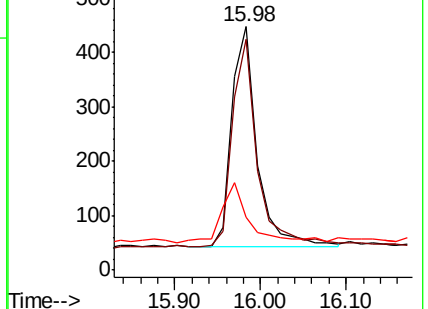
141 26.3 21.0 31.6

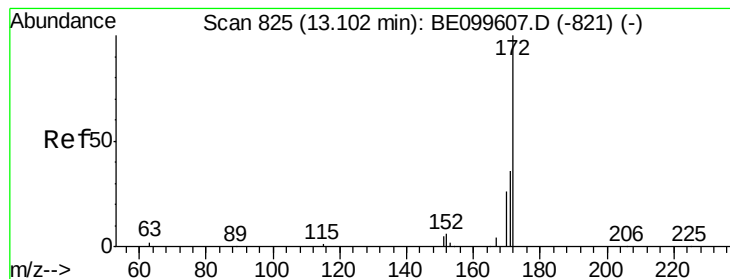


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

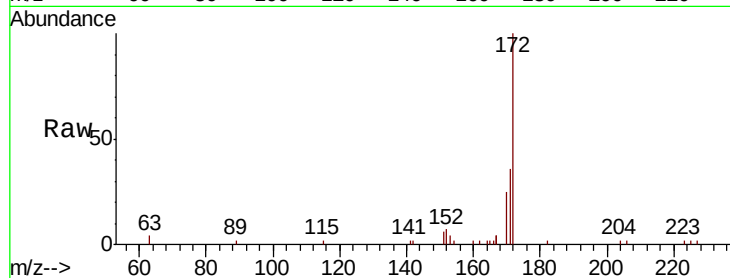




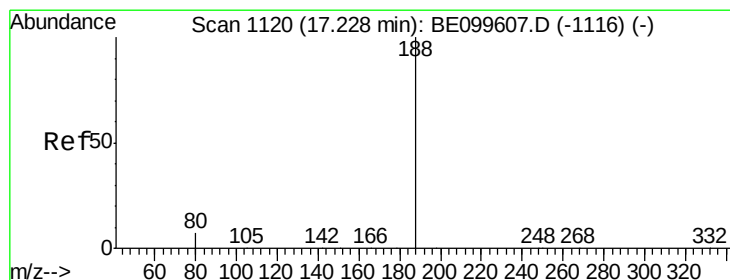
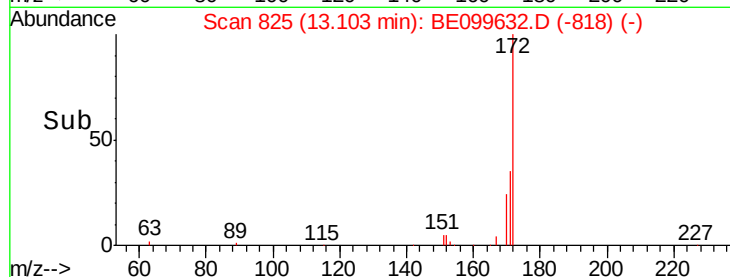
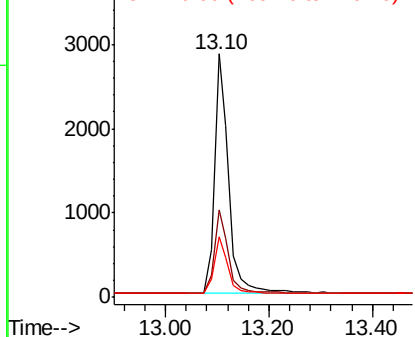
#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099632.D
Acq: 16 May 2019 20:53

Instrument :
BNA_E
ClientSampleId :
FEBH-02

Tgt Ion:172 Resp: 5507
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.2
170 24.8 21.5 32.3

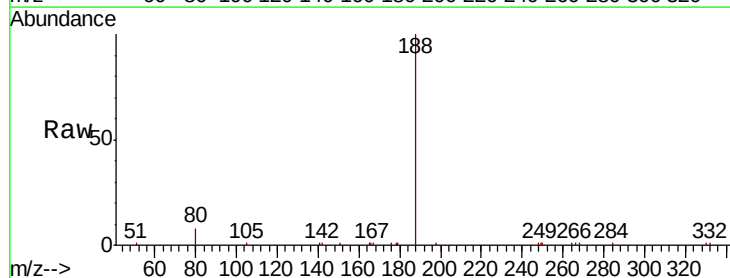


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

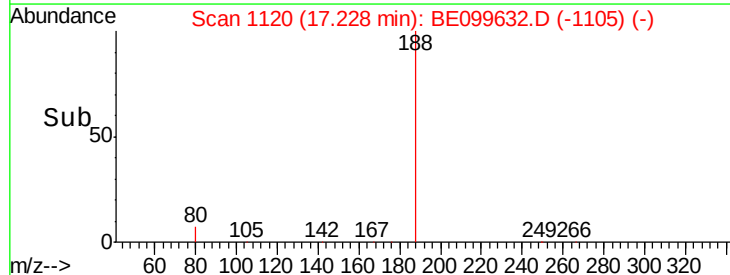
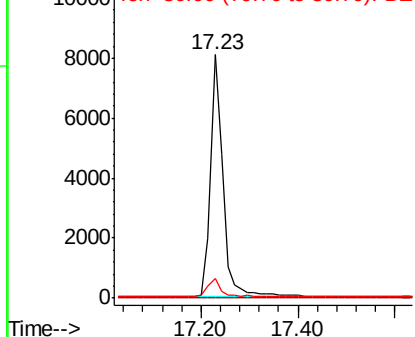


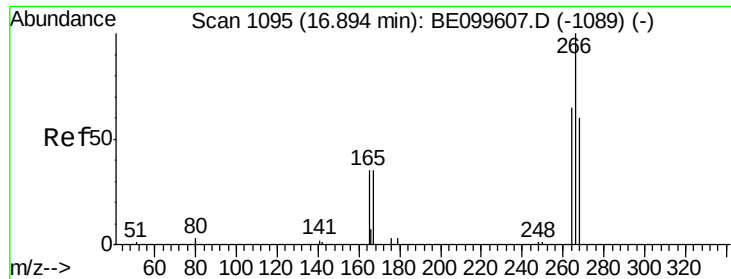
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099632.D
Acq: 16 May 2019 20:53

Tgt Ion:188 Resp: 13918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 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

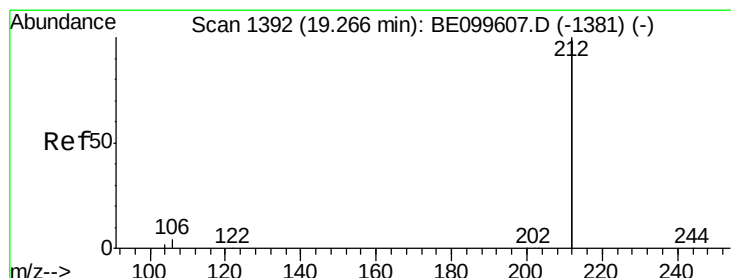
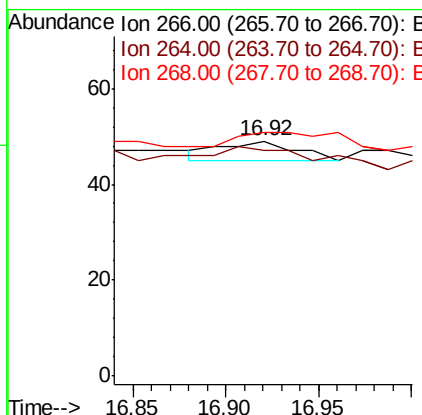
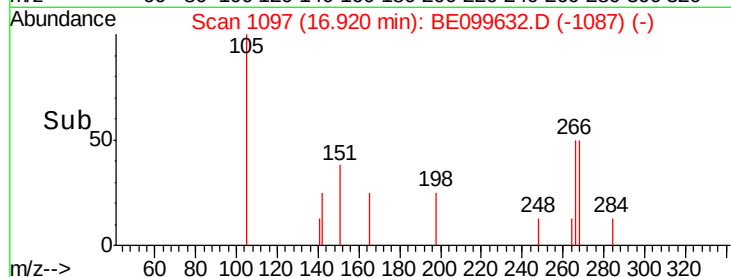
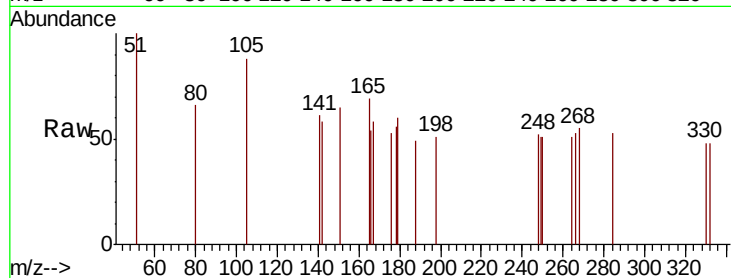




#22
 Pentachlorophenol
 Concen: 0.277 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.03 min
 Lab File: BE099632.D
 Acq: 16 May 2019 20:53

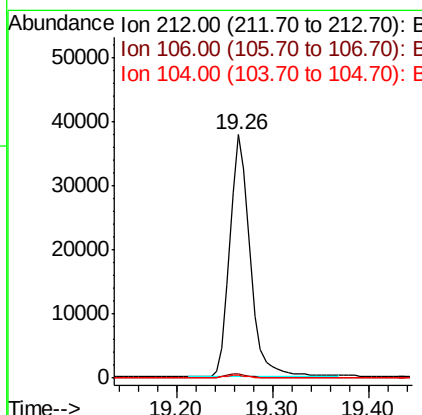
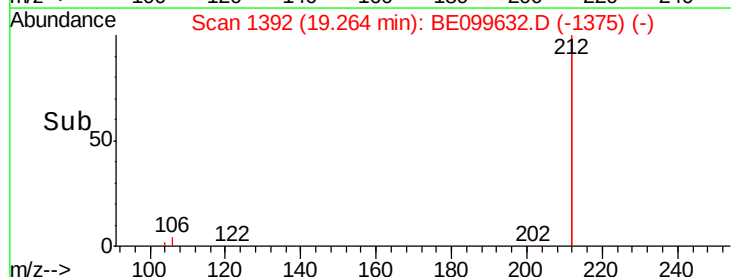
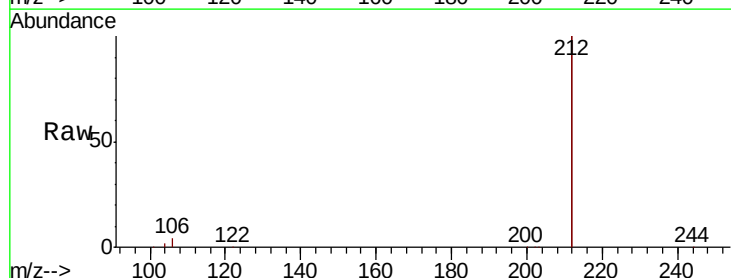
Instrument :
 BNA_E
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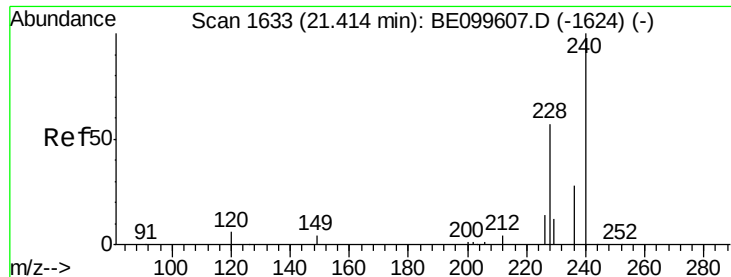
Tgt Ion: 266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 95.9 57.7 86.5#
 268 104.1 55.8 83.8#



#25
 Fluoranthene-d10
 Concen: 0.302 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099632.D
 Acq: 16 May 2019 20:53

Tgt Ion: 212 Resp: 55864
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

Instrument :

BNA_E

ClientSampled :

FEBH-02

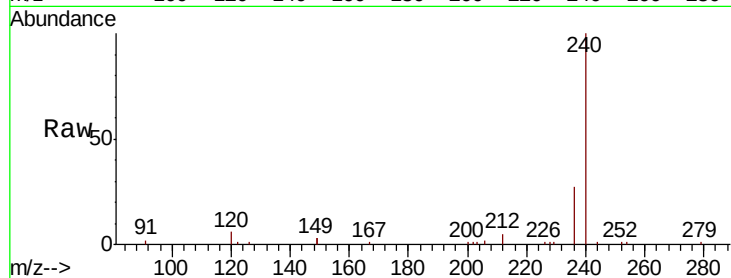
Tgt Ion:240 Resp: 17463

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

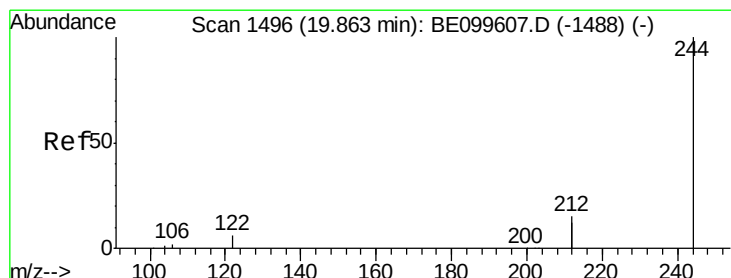
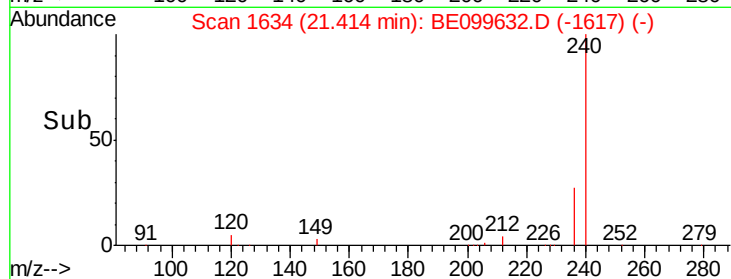
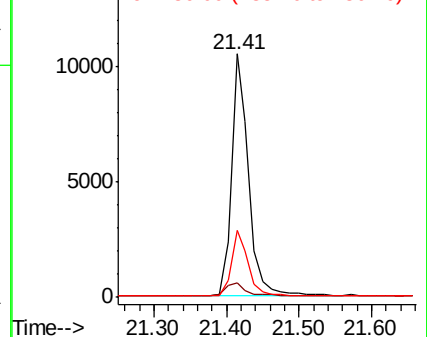
236 27.2 22.8 34.2



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: 0.367 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099632.D

Acq: 16 May 2019 20:53

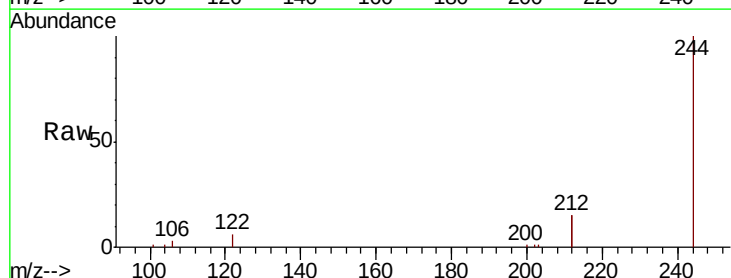
Tgt Ion:244 Resp: 11542

Ion Ratio Lower Upper

244 100

212 29.0 23.8 35.6

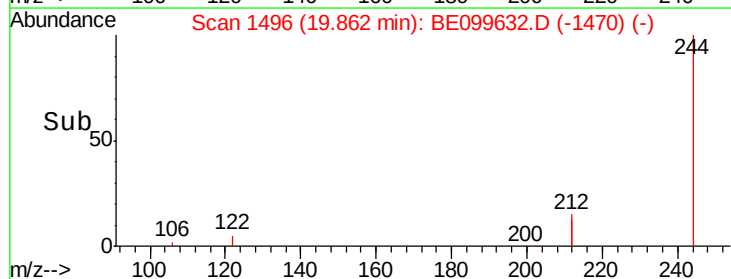
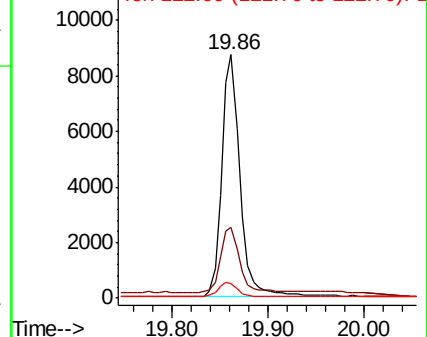
122 5.9 5.0 7.6

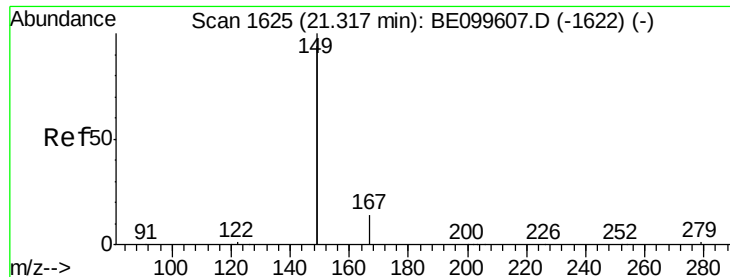


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

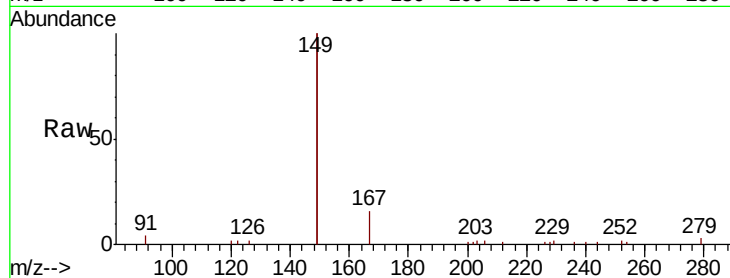




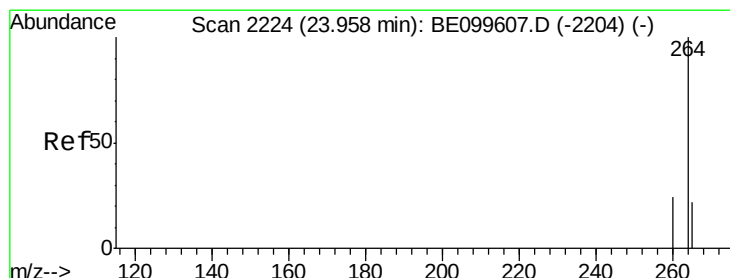
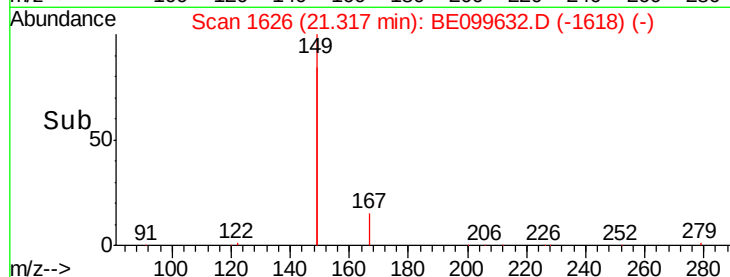
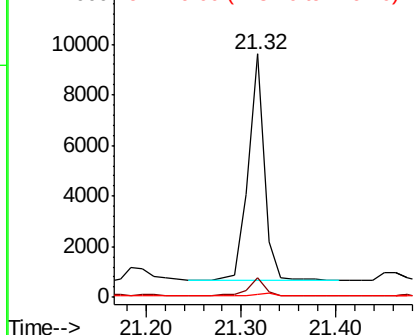
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE099632.D
 Acq: 16 May 2019 20:53

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-02

Tgt Ion:149 Resp: 10637
 Ion Ratio Lower Upper
 149 100
 167 7.7 6.0 9.0
 279 1.4 1.1 1.7

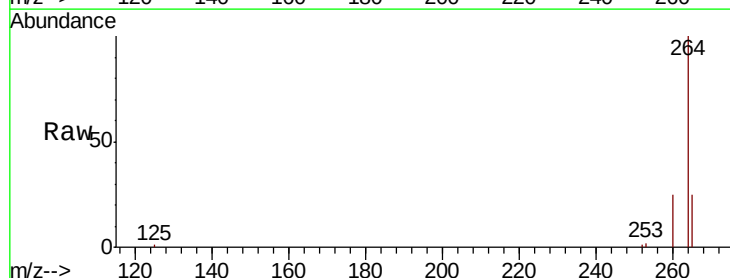


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BE099632.D
 Acq: 16 May 2019 20:53

Tgt Ion:264 Resp: 20849
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 25.2 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

