

Data File : BE099699.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2944-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-4(5-5.5)

Quant Time: May 22 08:17:45 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

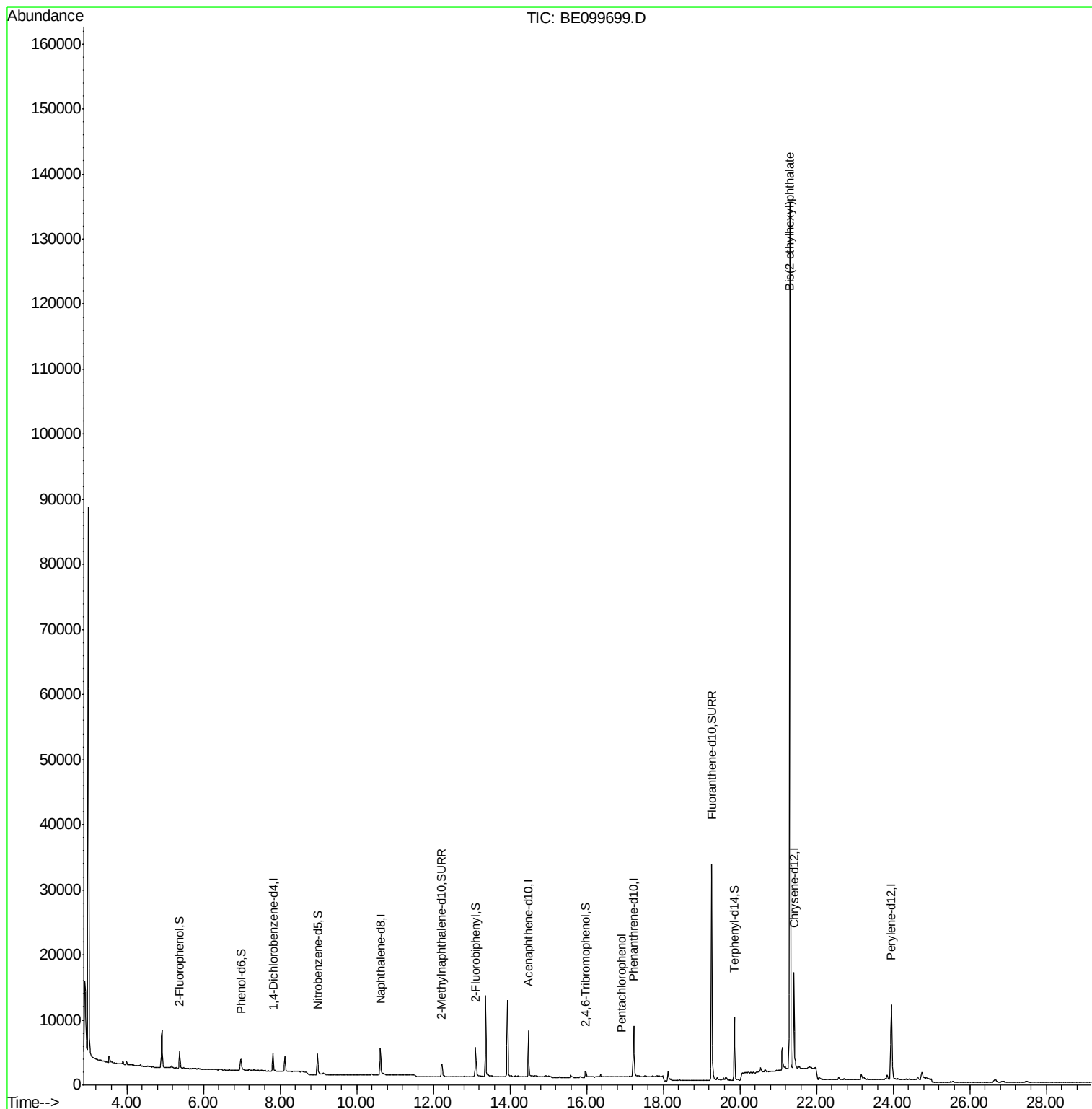
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1665	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5755	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	4144	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12205	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15931	0.40	ng	0.00
34) Perylene-d12	23.95	264	19001	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1596	0.38	ng	0.00
5) Phenol-d6	6.98	99	2211	0.40	ng	0.00
8) Nitrobenzene-d5	8.98	82	1762	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3365	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	804	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4967	0.32	ng	0.00
25) Fluoranthene-d10	19.26	212	48289	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	9914	0.35	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.91	266	10	0.185	ng	Qvalue # 71
32) Bis(2-ethylhexyl)phthalate	21.31	149	189860	3.639	ng	99

(#) = 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

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Instrument :

BNA_E

ClientSampleId :

FESB-4(5-5.5)

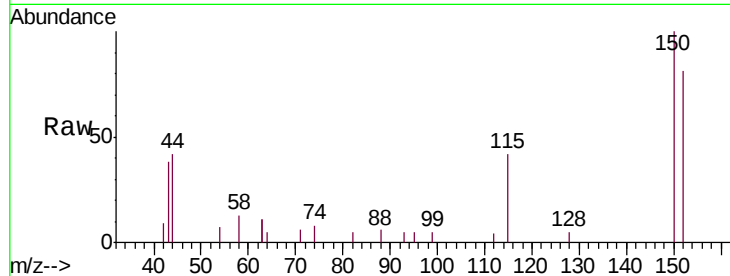
Tgt Ion:152 Resp: 1665

Ion Ratio Lower Upper

152 100

150 123.4 109.2 163.8

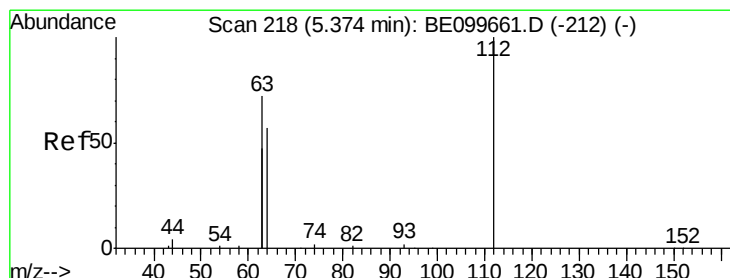
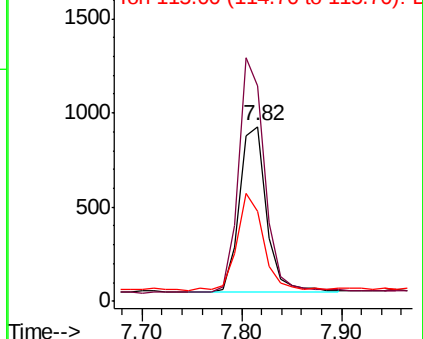
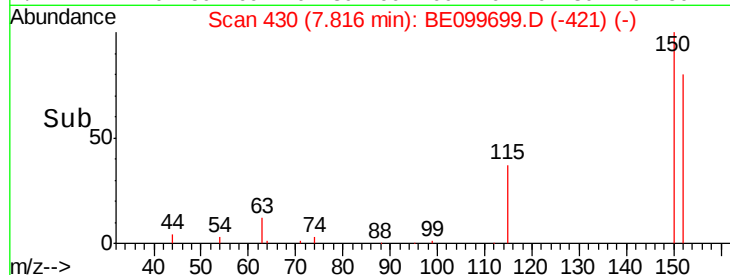
115 51.4 43.7 65.5



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: 0.379 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099699.D

Acq: 21 May 2019 21:09

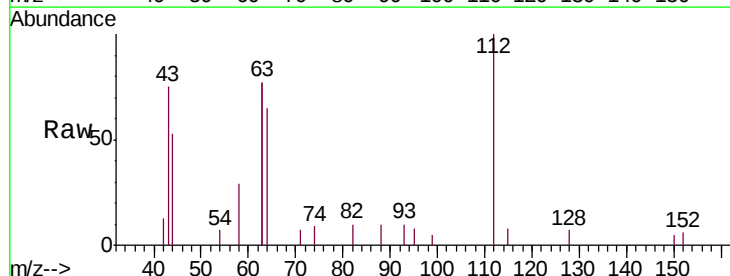
Tgt Ion:112 Resp: 1596

Ion Ratio Lower Upper

112 100

64 56.8 43.4 65.2

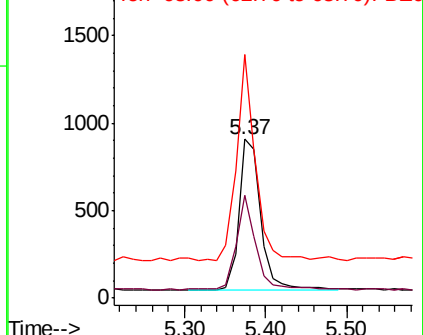
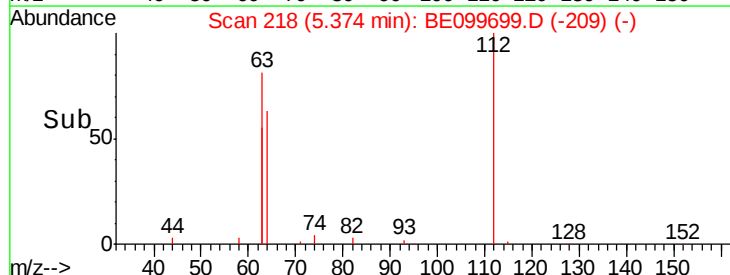
63 116.8 96.9 145.3

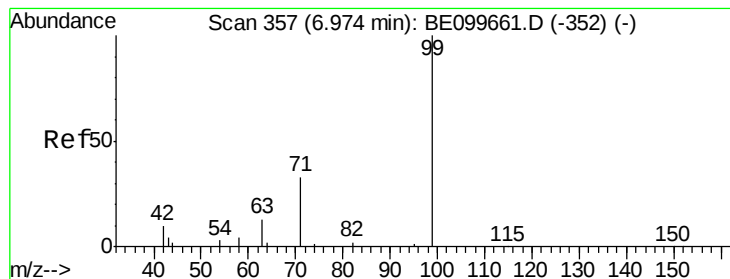


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.397 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099699.D

Acq: 21 May 2019 21:09

Instrument :

BNA_E

ClientSampleId :

FESB-4(5-5.5)

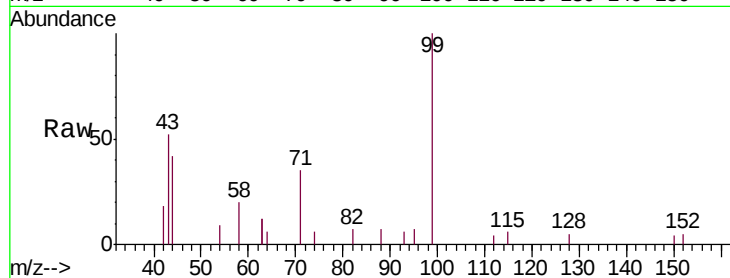
Tgt Ion: 99 Resp: 2211

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

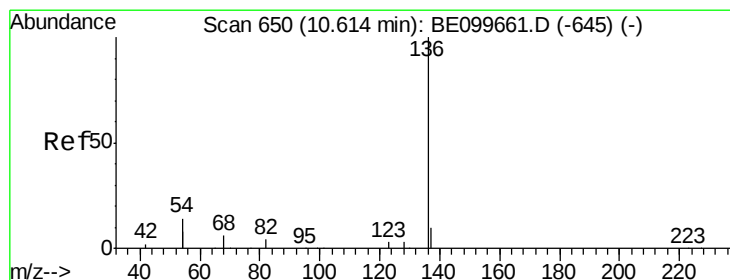
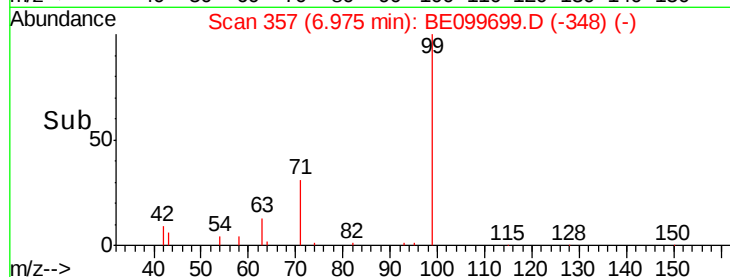
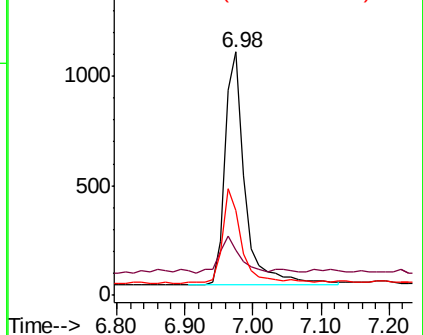
71 40.5 28.9 43.3



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: BE099699.D

Acq: 21 May 2019 21:09

Tgt Ion: 136 Resp: 5755

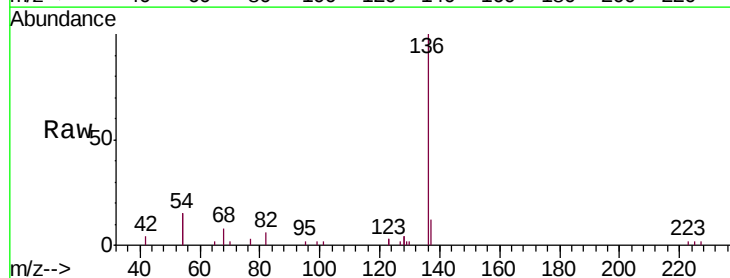
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.6

54 29.7 22.3 33.5

68 7.6 6.0 9.0

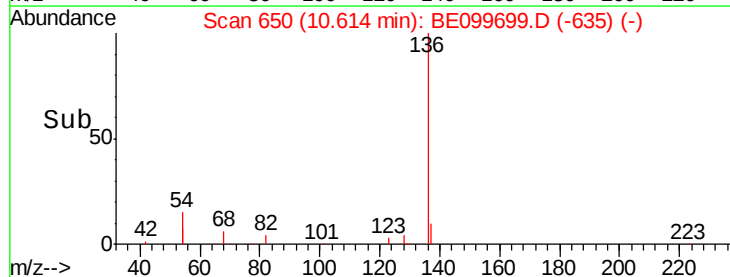
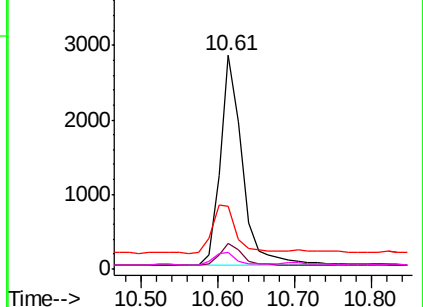


Abundance Ion 136.00 (135.70 to 136.70): E

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

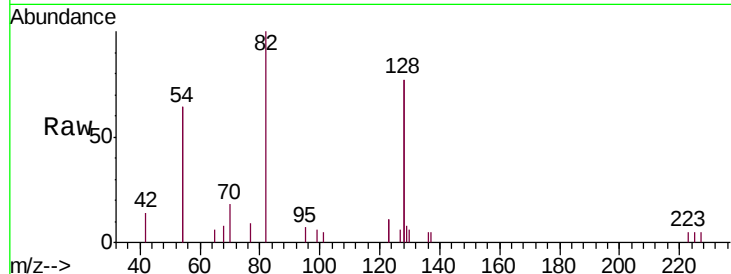




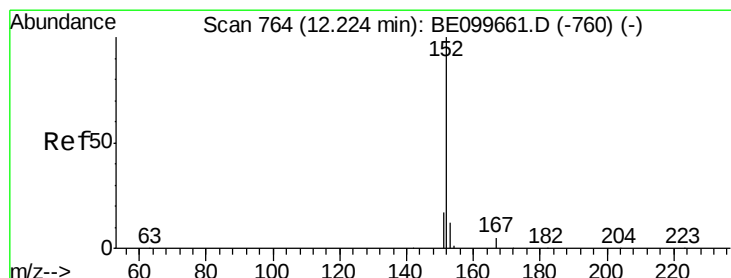
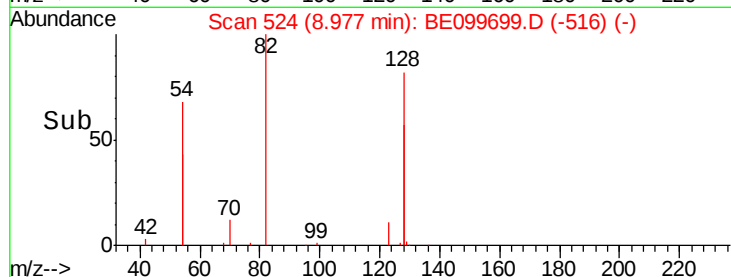
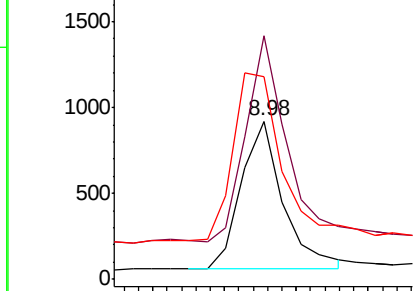
#8
 Nitrobenzene-d5
 Concen: 0.354 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BE099699.D
 Acq: 21 May 2019 21:09

Instrument :
 BNA_E
 ClientSampleId :
 FESB-4(5-5.5)

Tgt Ion: 82 Resp: 1762
 Ion Ratio Lower Upper
 82 100
 128 154.3 117.7 176.5
 54 128.4 106.6 160.0

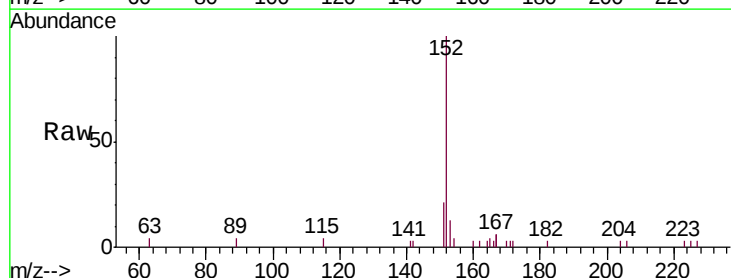


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

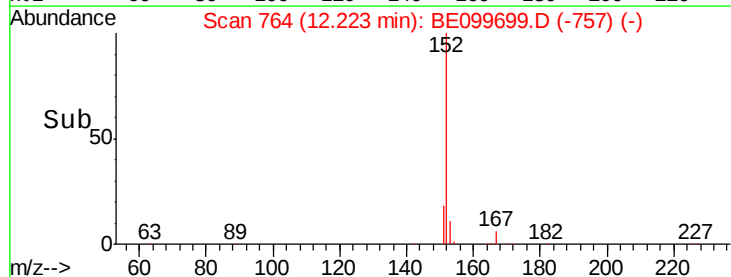
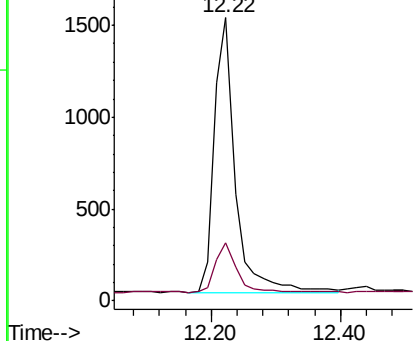


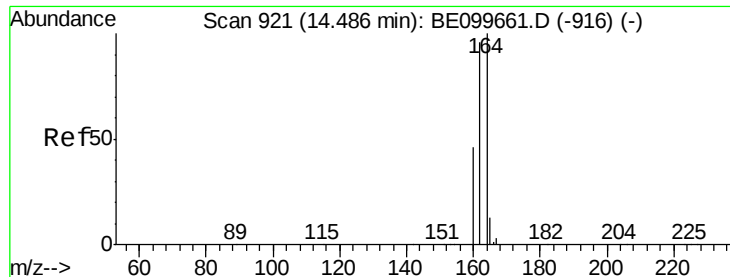
#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099699.D
 Acq: 21 May 2019 21:09

Tgt Ion: 152 Resp: 3365
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

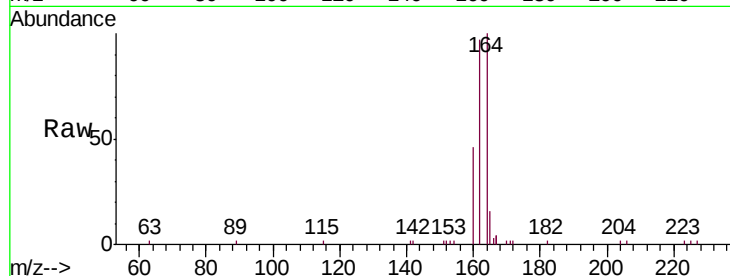




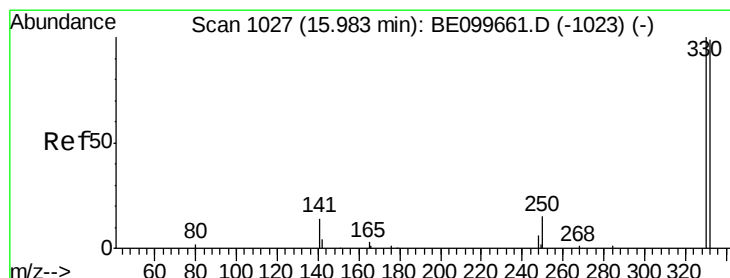
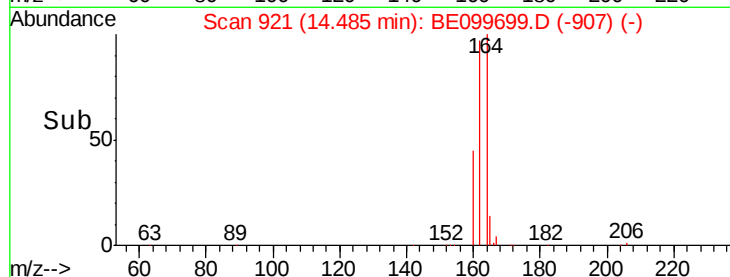
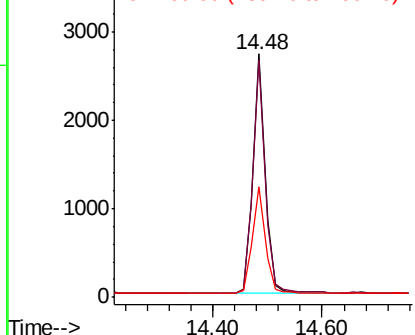
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099699.D
Acq: 21 May 2019 21:09

Instrument :
BNA_E
ClientSampleId :
FESB-4(5-5.5)

Tgt Ion:164 Resp: 4144
Ion Ratio Lower Upper
164 100
162 97.2 76.5 114.7
160 45.6 37.4 56.2

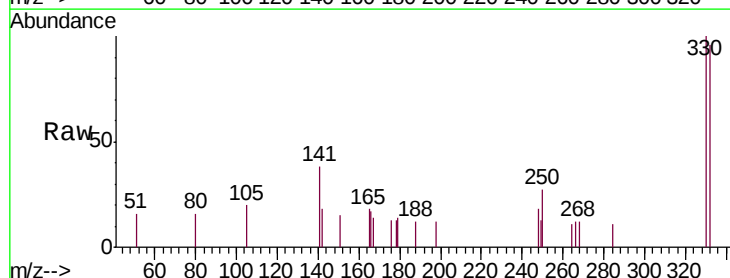


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

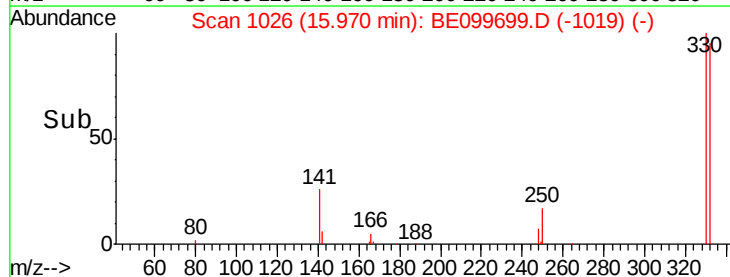
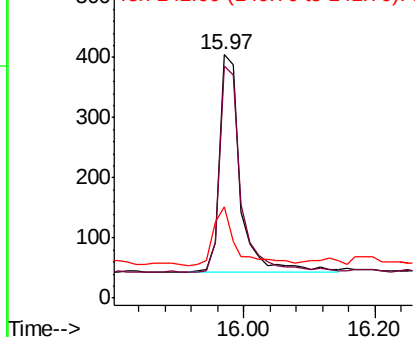


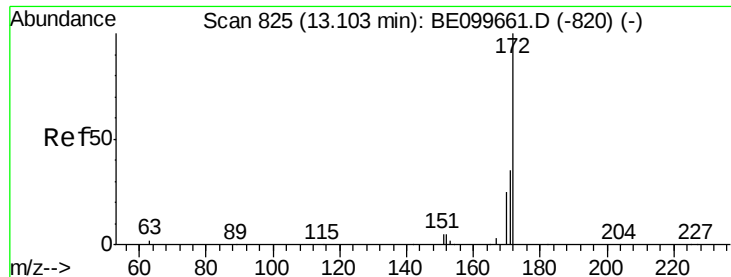
#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099699.D
Acq: 21 May 2019 21:09

Tgt Ion:330 Resp: 804
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 28.4 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

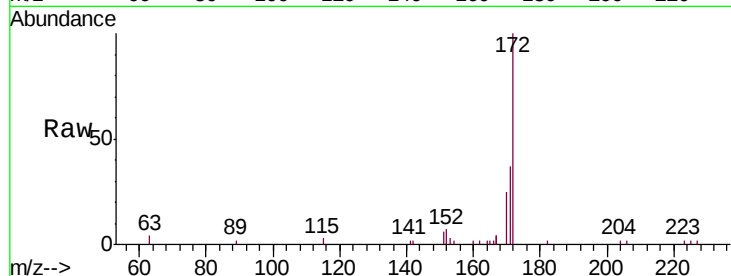




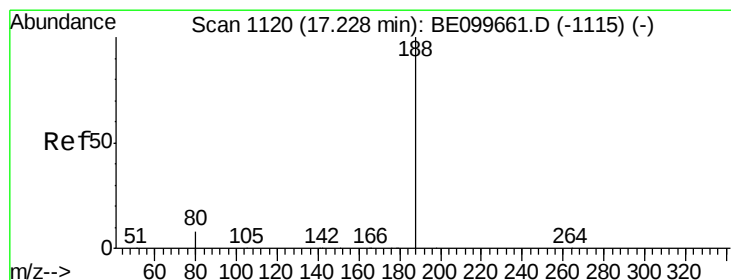
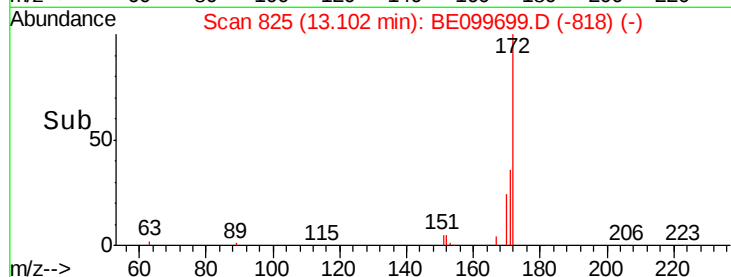
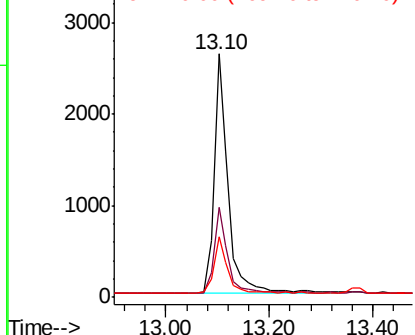
#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099699.D
Acq: 21 May 2019 21:09

Instrument :
BNA_E
ClientSampleId :
FESB-4(5-5.5)

Tgt Ion:172 Resp: 4967
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.9 20.9 31.3

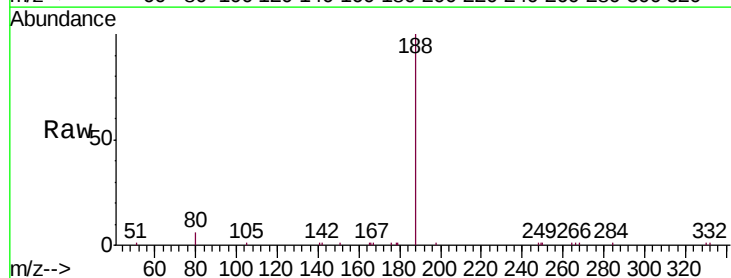


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

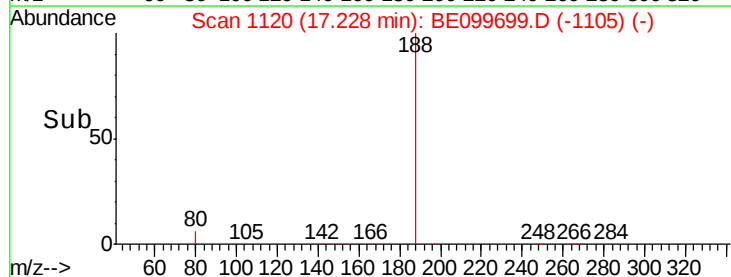
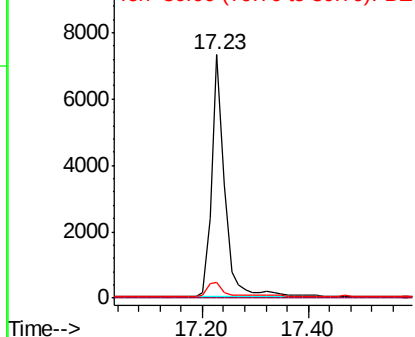


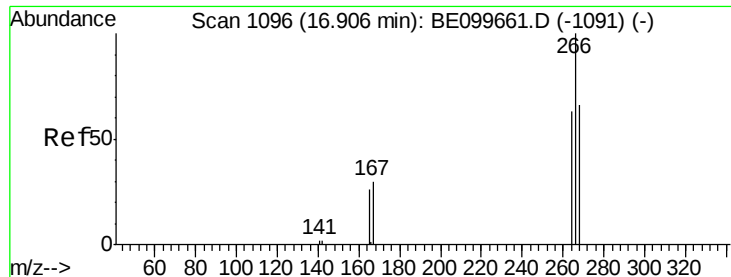
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099699.D
Acq: 21 May 2019 21:09

Tgt Ion:188 Resp: 12205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 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: 0.185 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099699.D

Acq: 21 May 2019 21:09

Instrument :

BNA_E

ClientSampleId :

FESB-4(5-5.5)

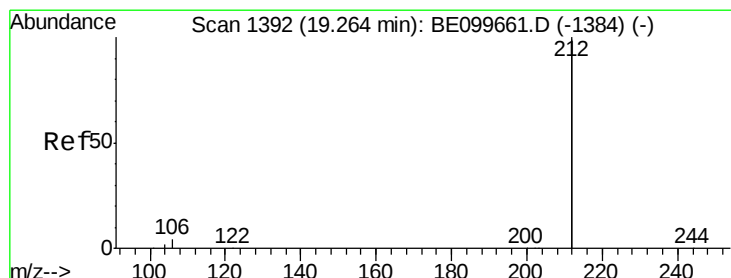
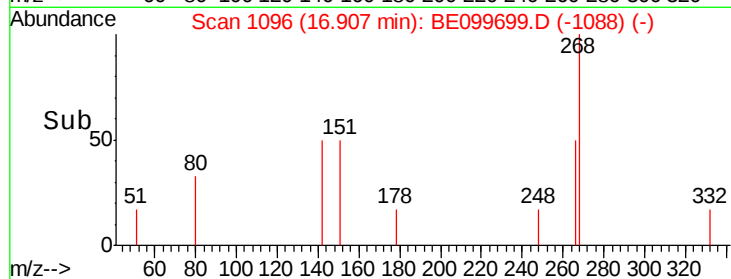
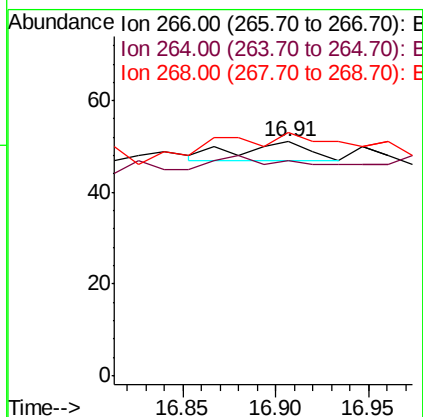
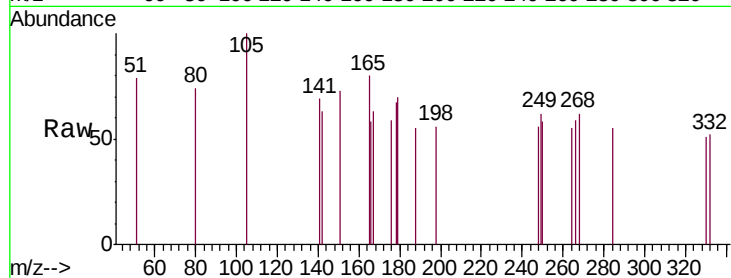
Tgt Ion: 266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.2 57.2 85.8#

268 103.9 60.5 90.7#



#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099699.D

Acq: 21 May 2019 21:09

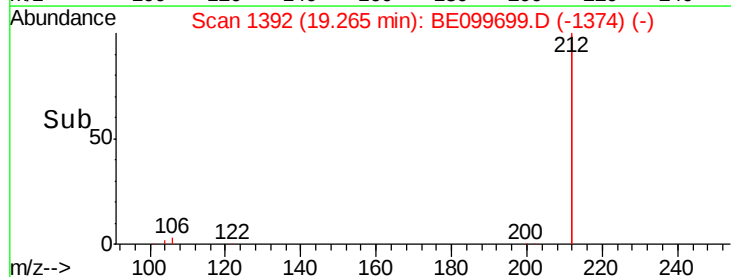
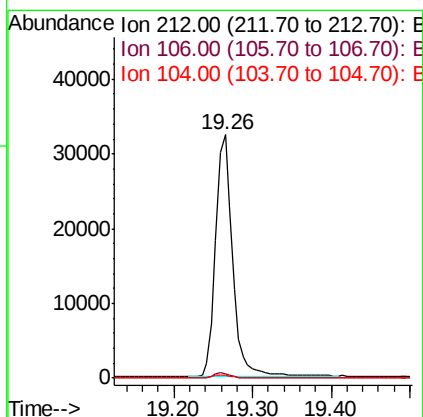
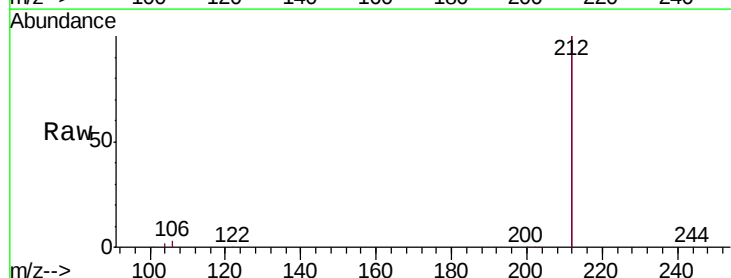
Tgt Ion: 212 Resp: 48289

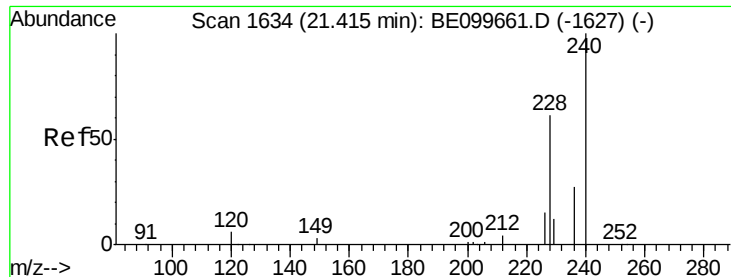
Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.2 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099699.D

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FESB-4(5-5.5)

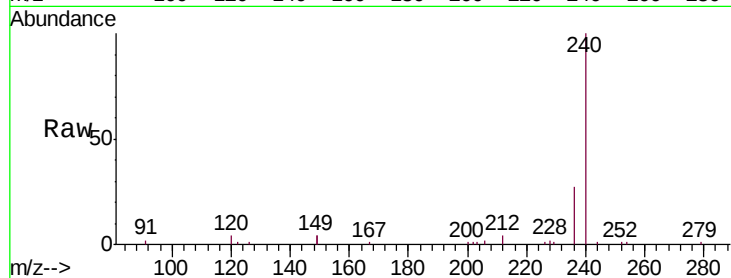
Tgt Ion:240 Resp: 15931

Ion Ratio Lower Upper

240 100

120 4.2 5.4 8.0#

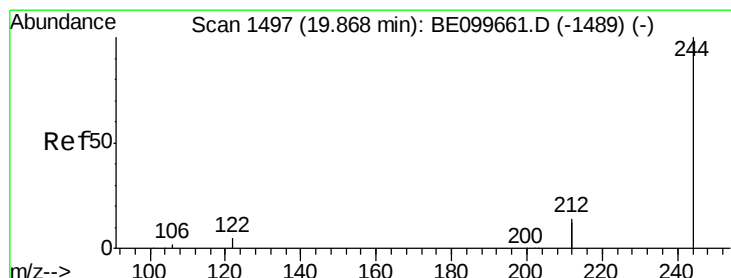
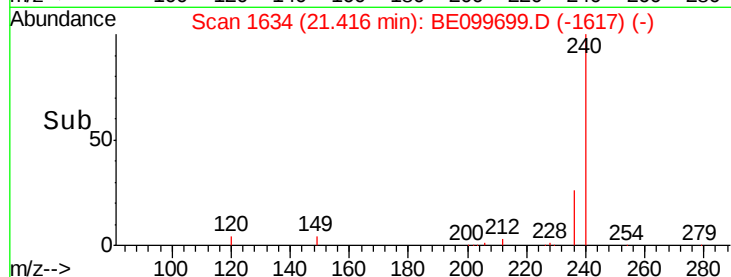
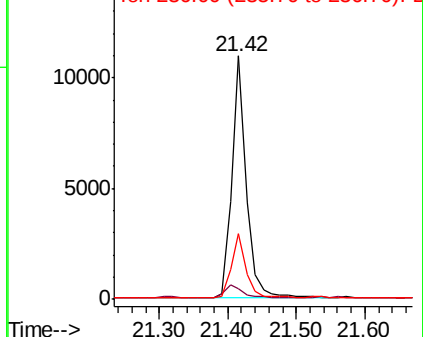
236 26.8 21.7 32.5



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: 0.349 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099699.D

Acq: 21 May 2019 21:09

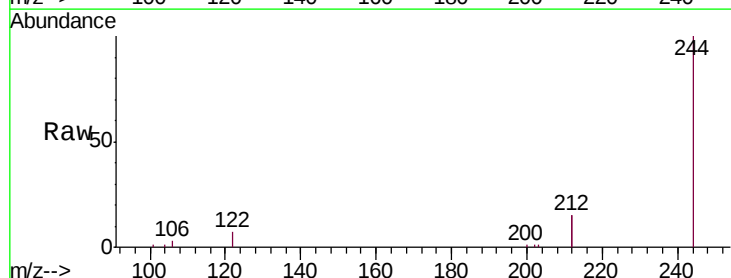
Tgt Ion:244 Resp: 9914

Ion Ratio Lower Upper

244 100

212 30.1 22.5 33.7

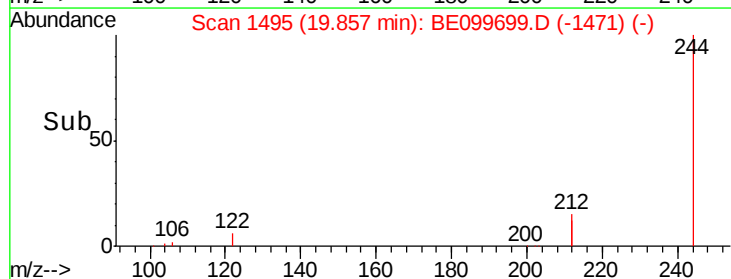
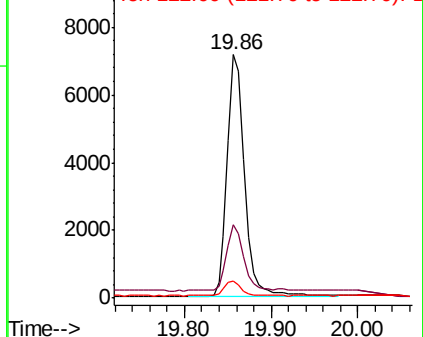
122 6.9 4.3 6.5#

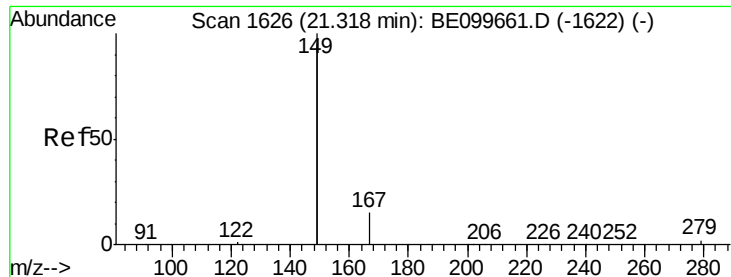


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

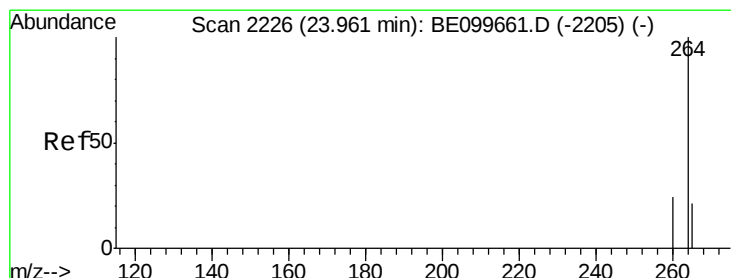
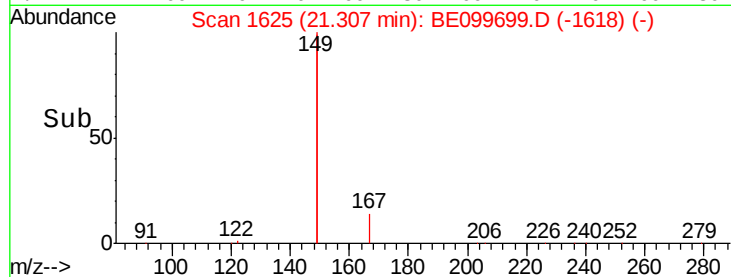
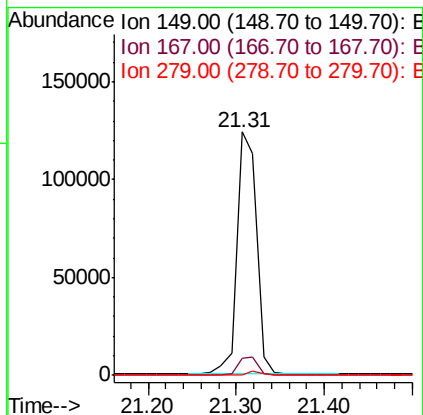
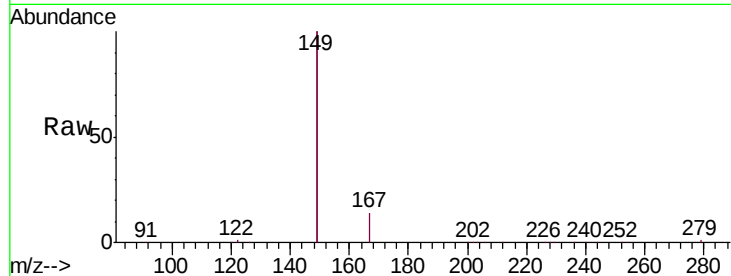




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 3.639 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BE099699.D
 Acq: 21 May 2019 21:09

Instrument :
 BNA_E
 ClientSampleId :
 FESB-4(5-5.5)

Tgt Ion: 149 Resp: 189860
 Ion Ratio Lower Upper
 149 100
 167 7.5 6.2 9.4
 279 1.4 1.2 1.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099699.D
 Acq: 21 May 2019 21:09

Tgt Ion: 264 Resp: 19001
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 25.4 19.1 28.7

