

Data File : BE099697.D
Acq On : 21 May 2019 19:58
Operator : JU/SJ
Sample : K2906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-12(9.5-10)

Quant Time: May 22 08:17:16 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	1589	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5433	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3918	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11464	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15172	0.40	ng	0.00
34) Perylene-d12	23.96	264	18546	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1601	0.40	ng	0.00
5) Phenol-d6	6.97	99	2204	0.41	ng	0.00
8) Nitrobenzene-d5	8.98	82	1668	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3523	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	694	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5403	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	51213	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	11116	0.41	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.91	266	8	0.184	ng	Qvalue # 76
32) Bis(2-ethylhexyl)phthalate	21.32	149	47355	0.953	ng	99

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

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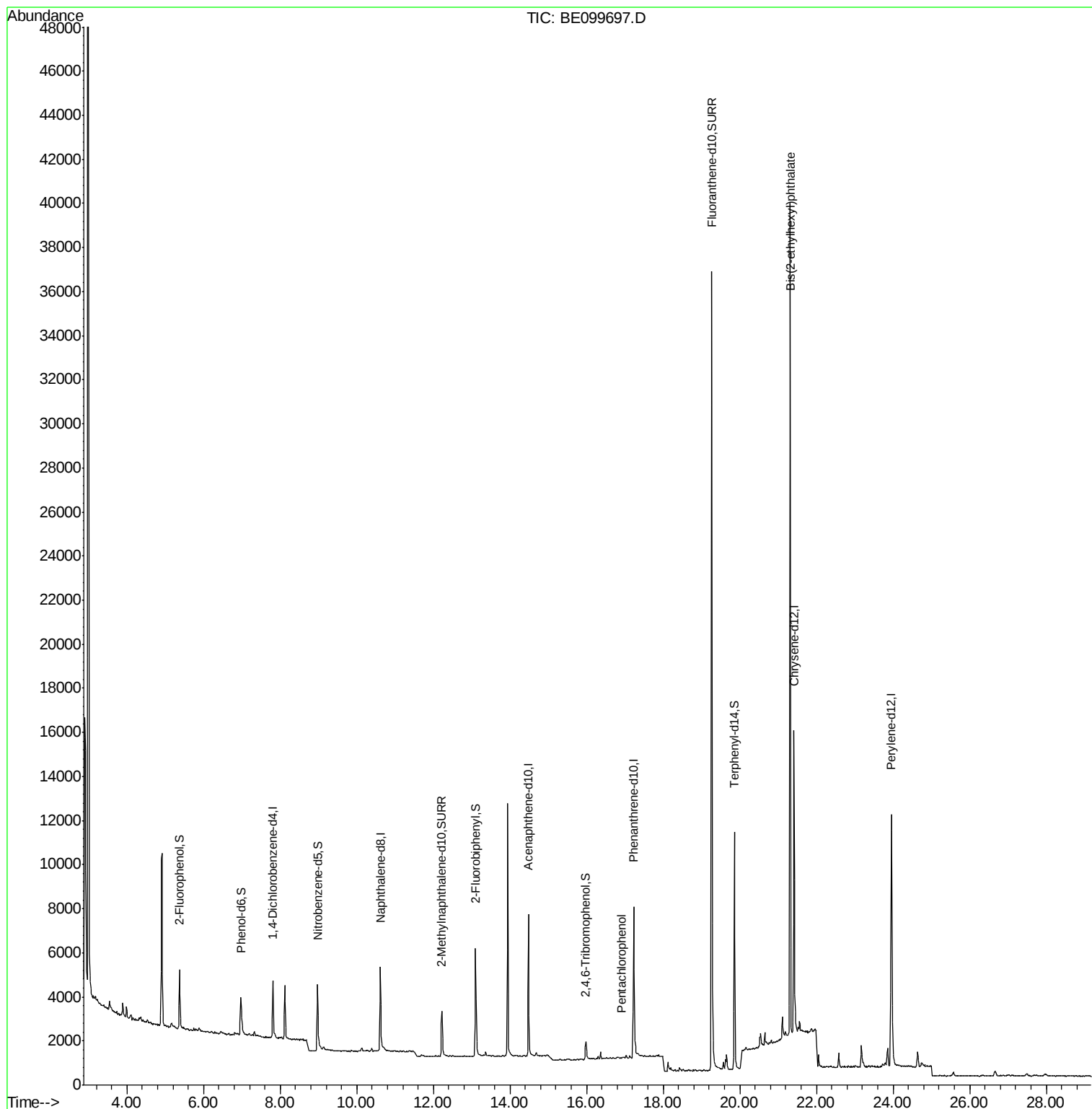
Quant Time: May 22 08:17:16 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M

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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

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FESB-12(9.5-10)

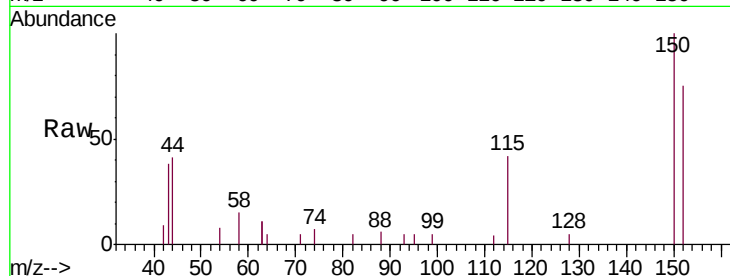
Tgt Ion:152 Resp: 1589

Ion Ratio Lower Upper

152 100

150 133.1 109.2 163.8

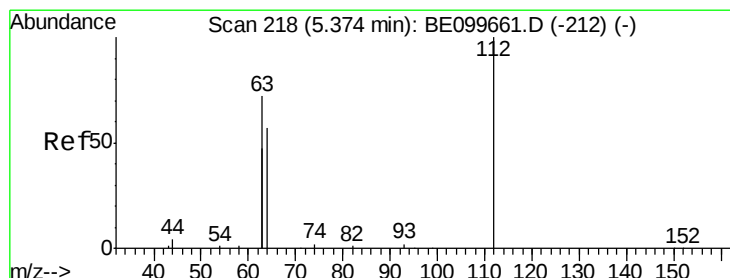
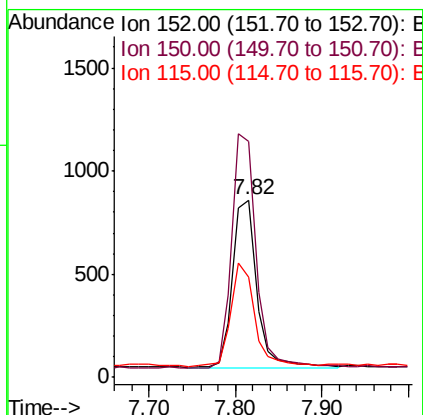
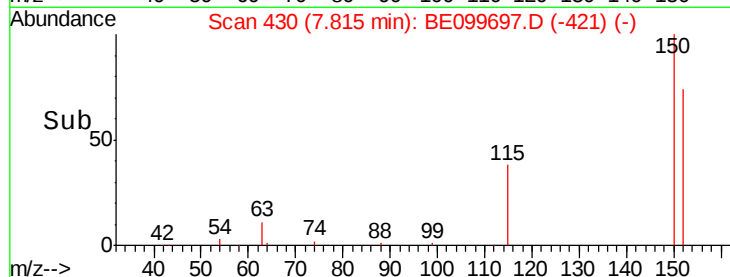
115 56.3 43.7 65.5



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: 0.399 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099697.D

Acq: 21 May 2019 19:58

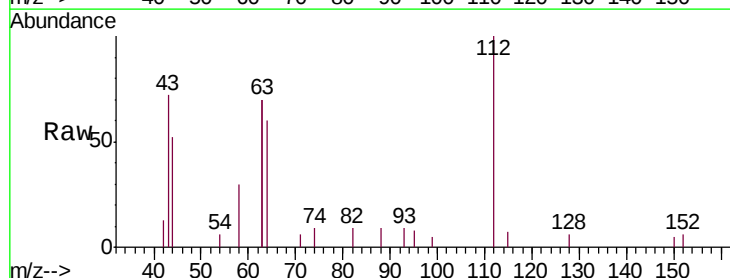
Tgt Ion:112 Resp: 1601

Ion Ratio Lower Upper

112 100

64 54.7 43.4 65.2

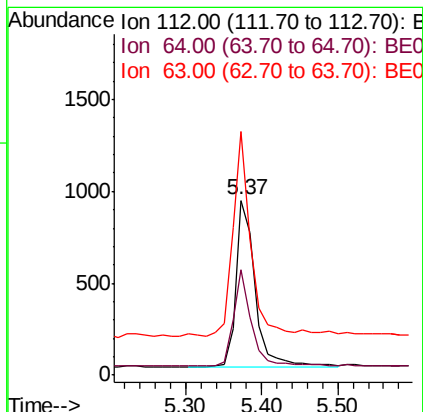
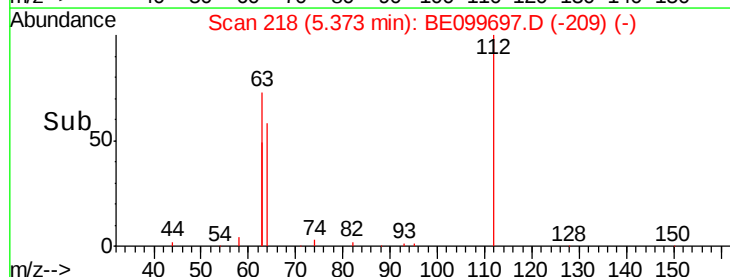
63 113.9 96.9 145.3

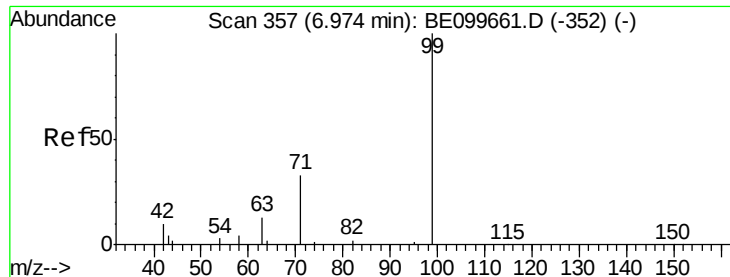


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.415 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099697.D

Acq: 21 May 2019 19:58

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

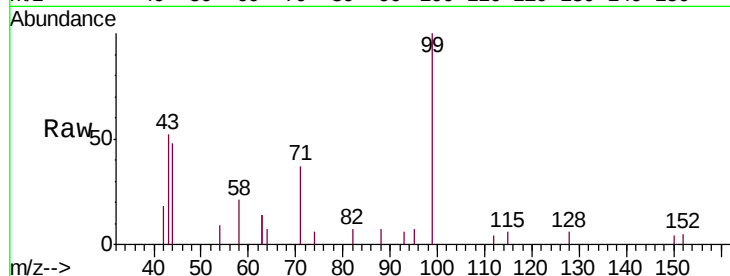
Tgt Ion: 99 Resp: 2204

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

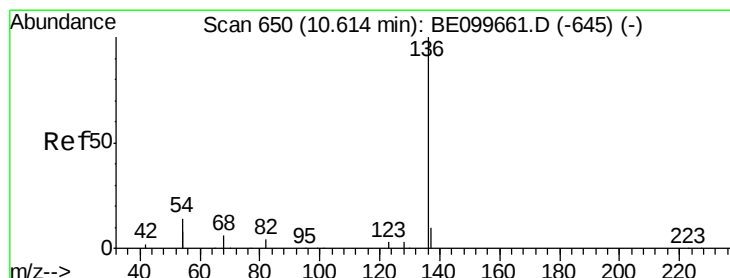
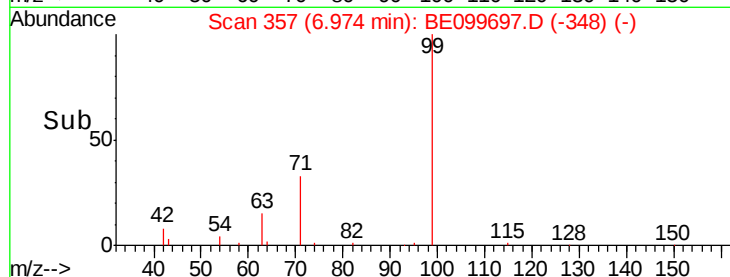
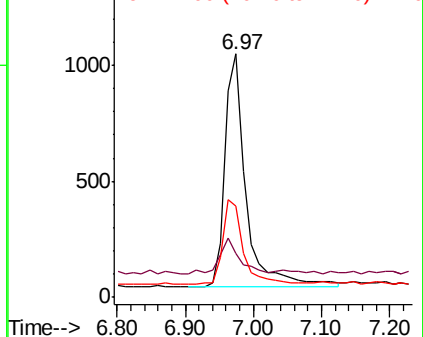
71 35.7 28.9 43.3



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: BE099697.D

Acq: 21 May 2019 19:58

Tgt Ion: 136 Resp: 5433

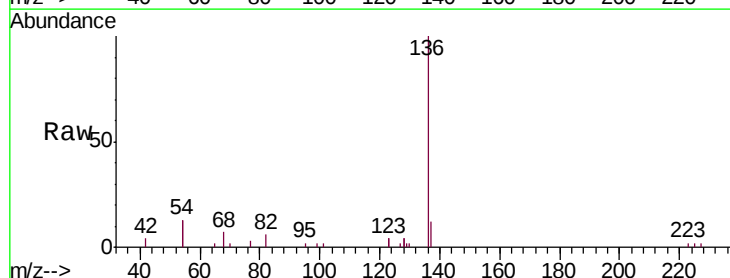
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 27.0 22.3 33.5

68 7.1 6.0 9.0

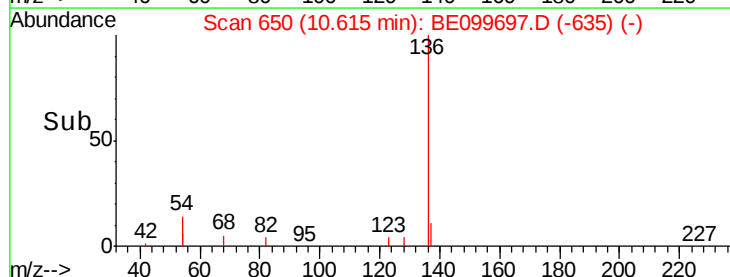
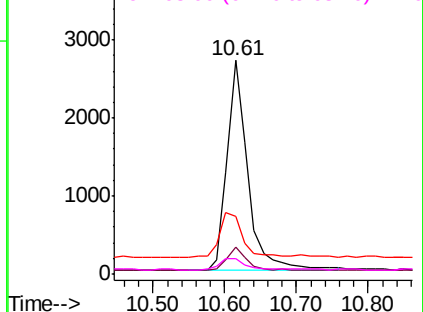


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099697.D

Acq: 21 May 2019 19:58

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

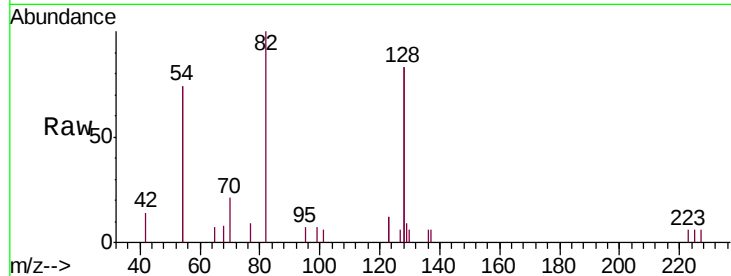
Tgt Ion: 82 Resp: 1668

Ion Ratio Lower Upper

82 100

128 166.9 117.7 176.5

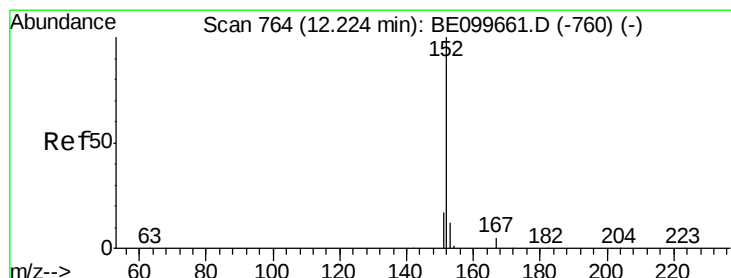
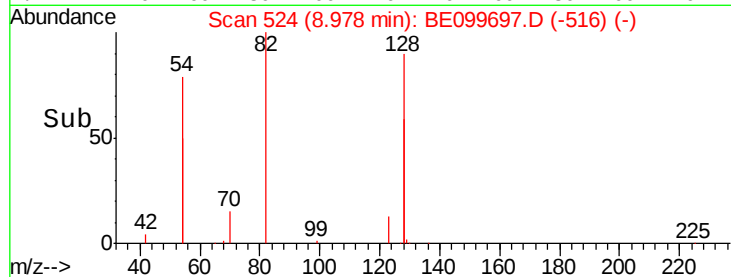
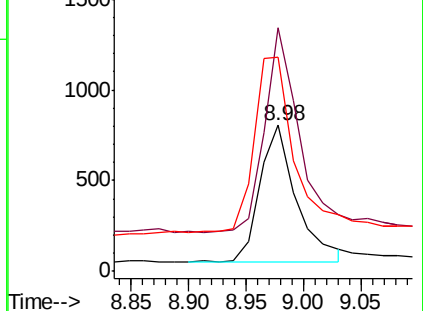
54 147.0 106.6 160.0



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: 0.376 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099697.D

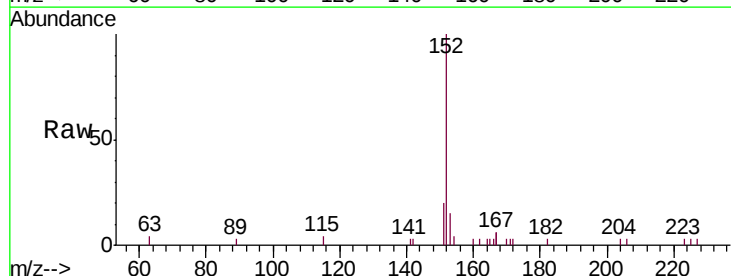
Acq: 21 May 2019 19:58

Tgt Ion: 152 Resp: 3523

Ion Ratio Lower Upper

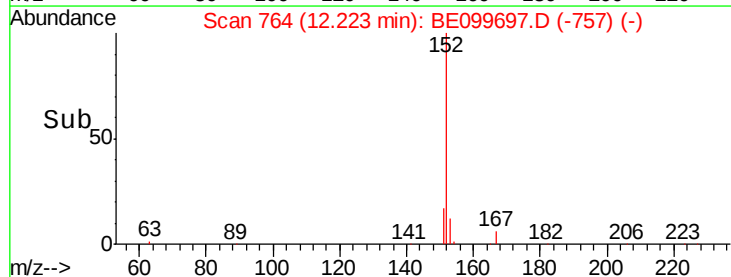
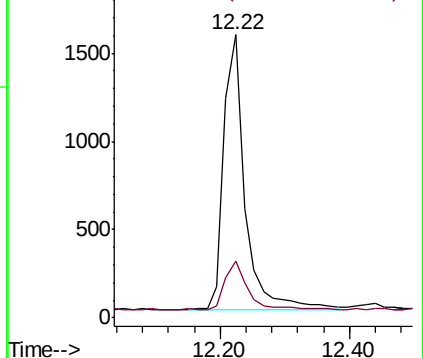
152 100

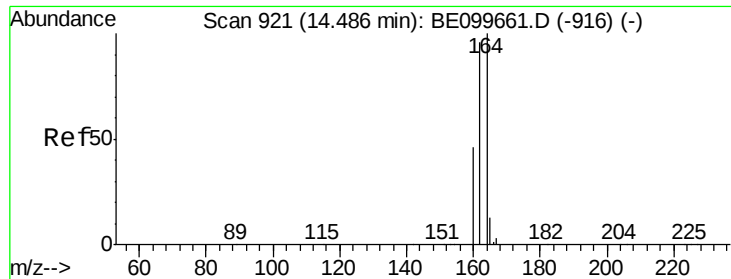
151 18.5 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

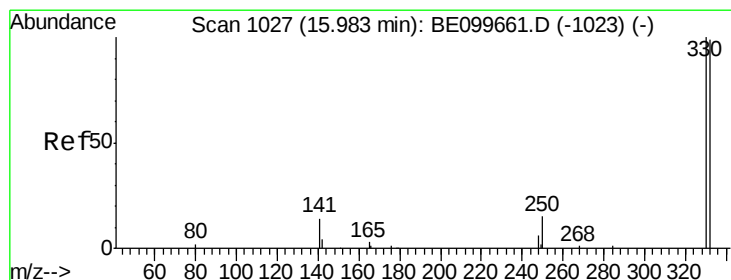
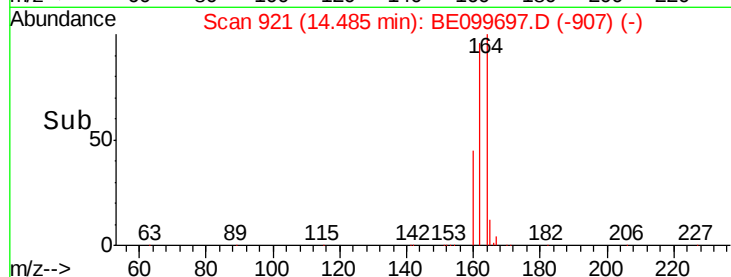
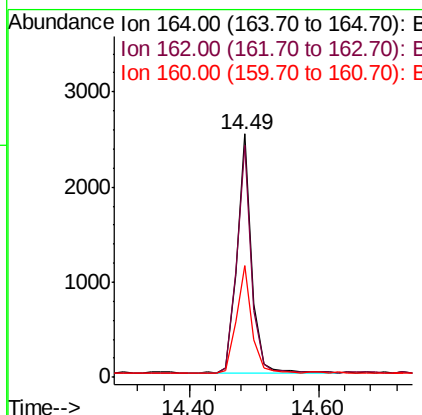
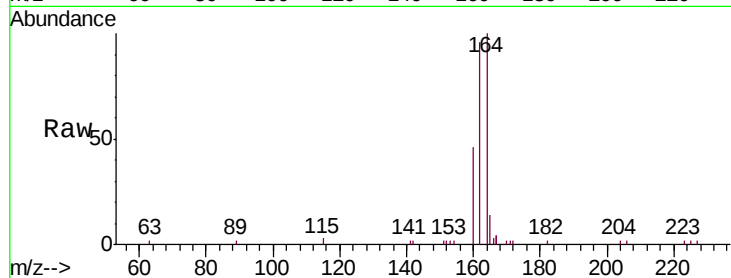




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099697.D
Acq: 21 May 2019 19:58

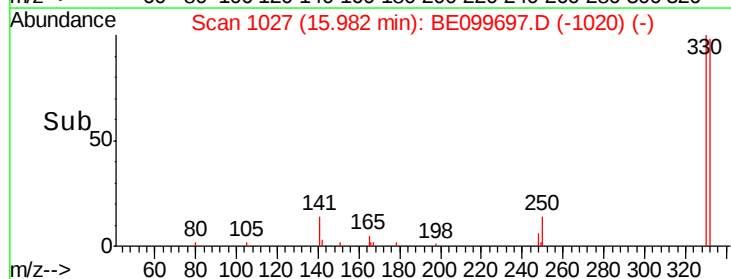
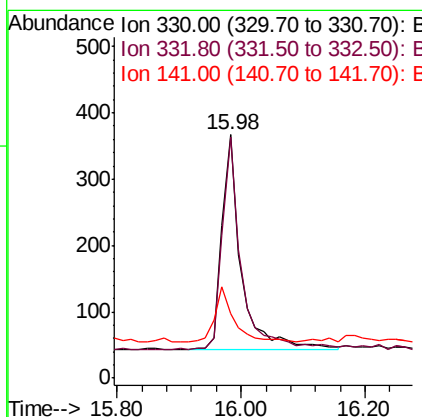
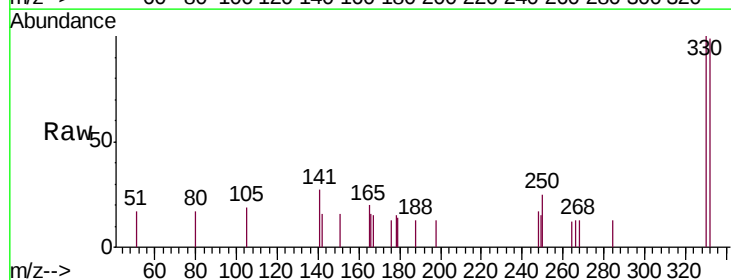
Instrument :
BNA_E
ClientSampleId :
FESB-12(9.5-10)

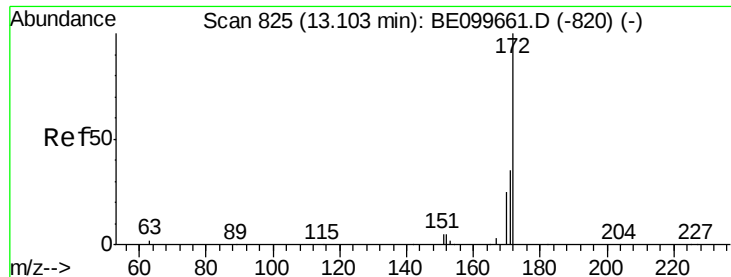
Tgt Ion:164 Resp: 3918
Ion Ratio Lower Upper
164 100
162 95.6 76.5 114.7
160 45.9 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099697.D
Acq: 21 May 2019 19:58

Tgt Ion:330 Resp: 694
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 26.7 18.9 28.3

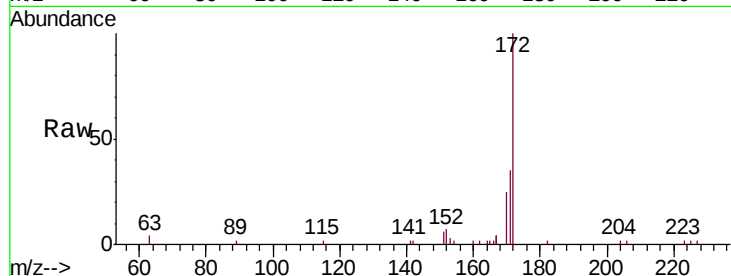




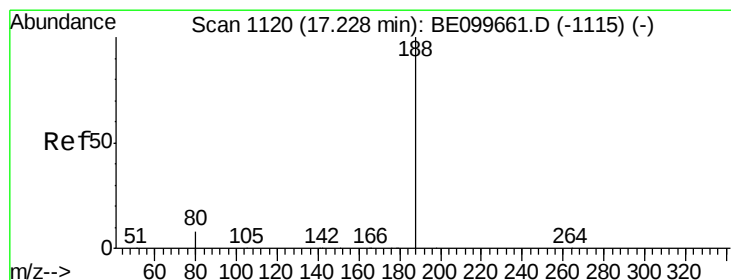
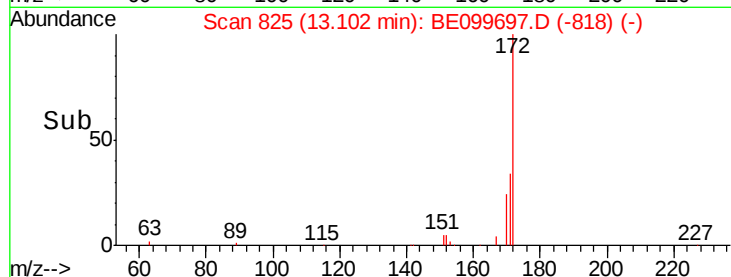
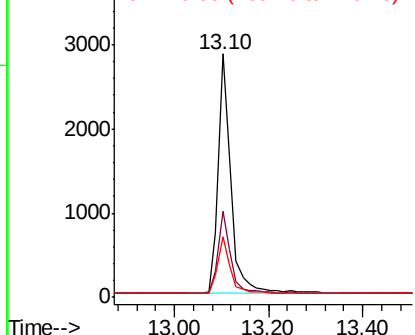
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099697.D
Acq: 21 May 2019 19:58

Instrument :
BNA_E
ClientSampleId :
FESB-12(9.5-10)

Tgt Ion:172 Resp: 5403
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.9 20.9 31.3

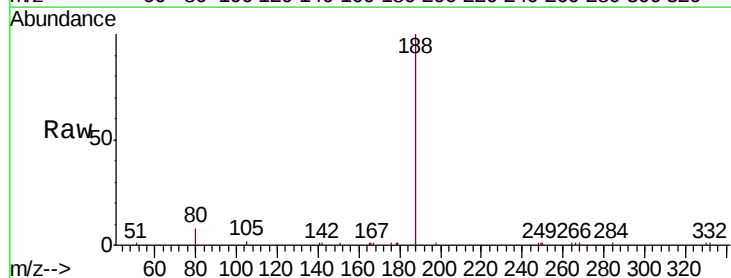


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

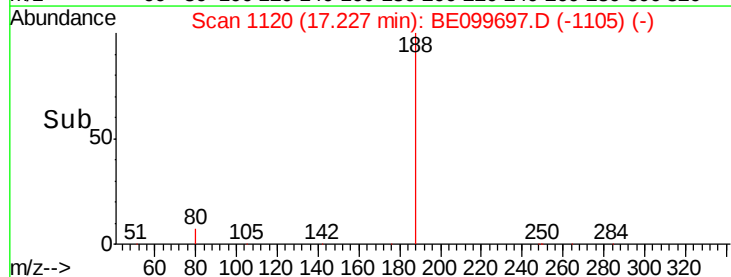
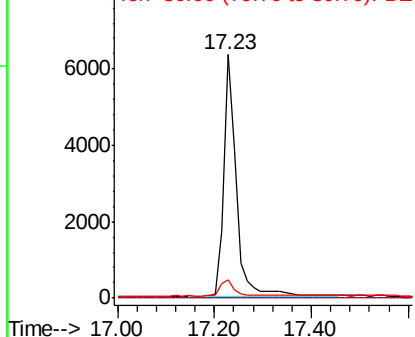


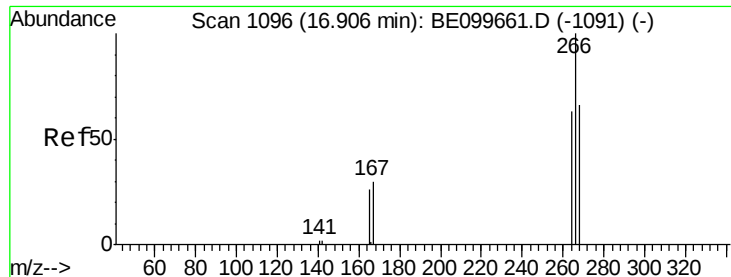
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099697.D
Acq: 21 May 2019 19:58

Tgt Ion:188 Resp: 11464
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 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

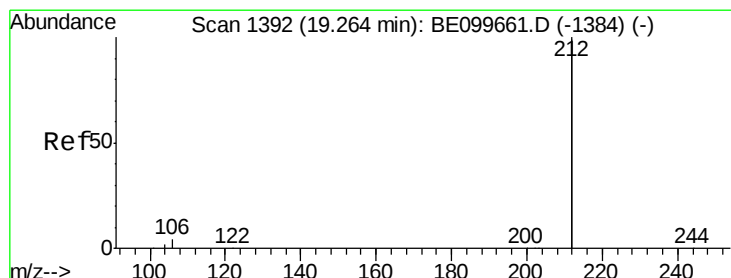
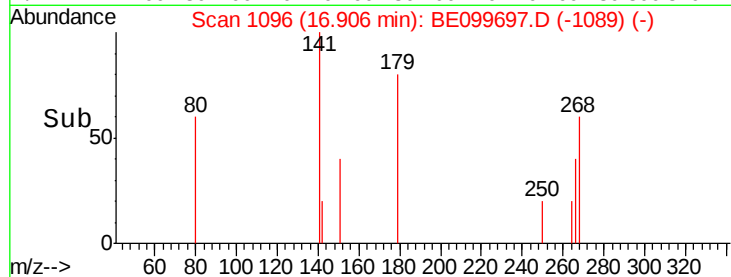
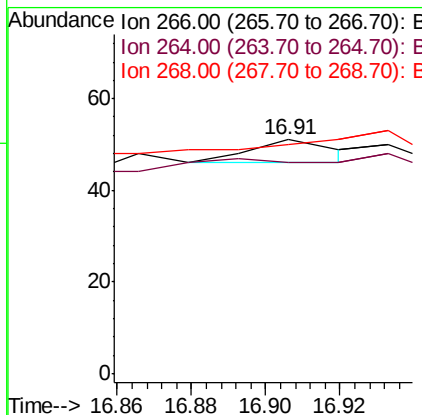
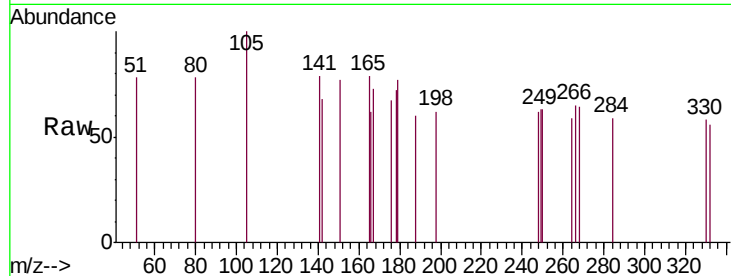




#22
 Pentachlorophenol
 Concen: 0.184 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE099697.D
 Acq: 21 May 2019 19:58

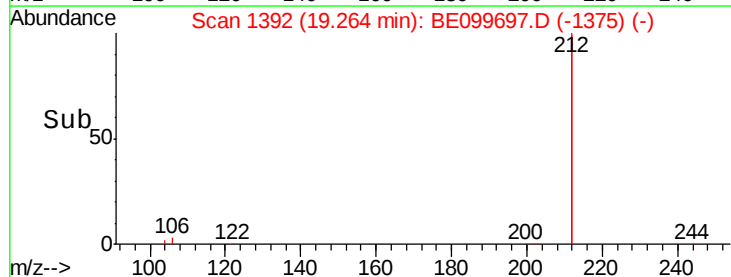
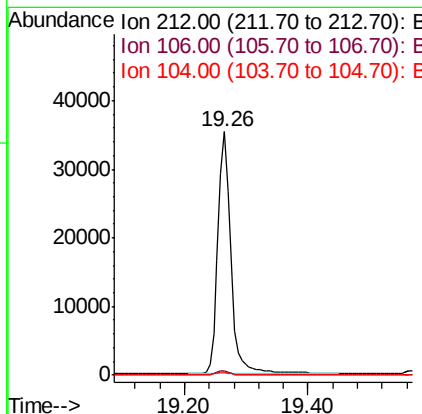
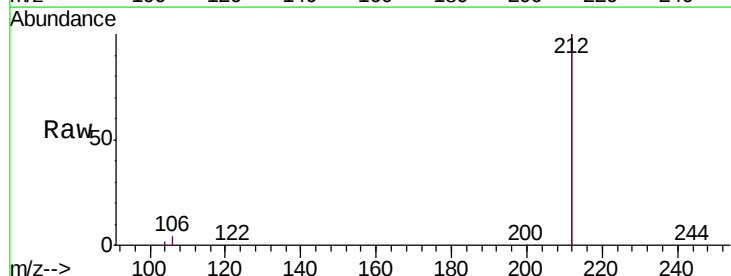
Instrument :
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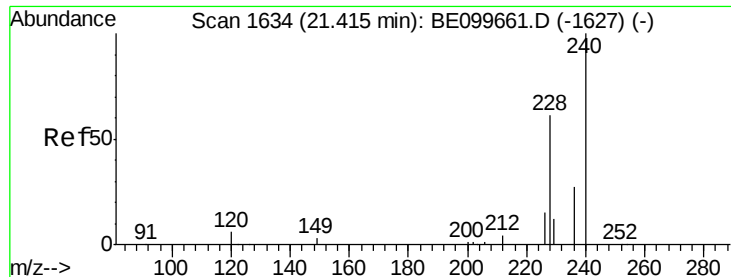
Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 90.2 57.2 85.8#
 268 98.0 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.327 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099697.D
 Acq: 21 May 2019 19:58

Tgt Ion: 212 Resp: 51213
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099697.D

Acq: 21 May 2019 19:58

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

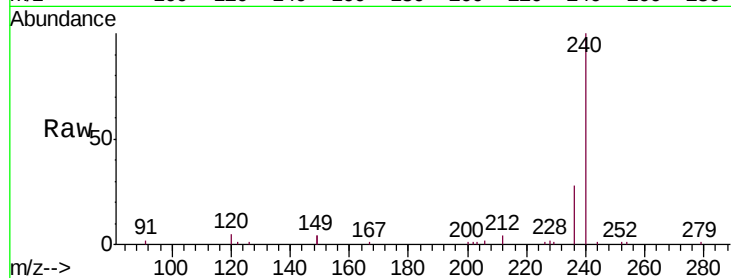
Tgt Ion:240 Resp: 15172

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.0#

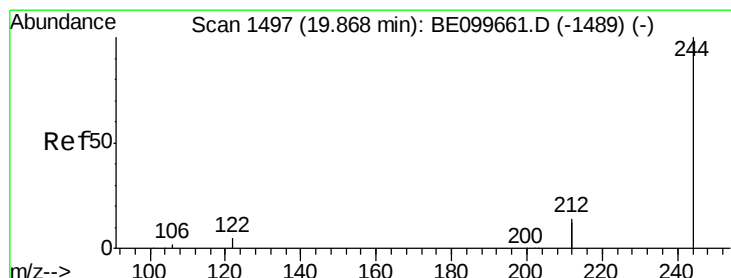
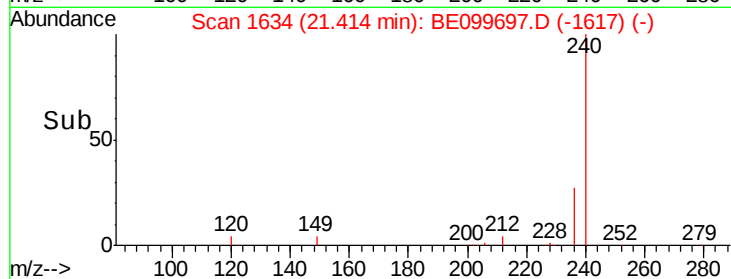
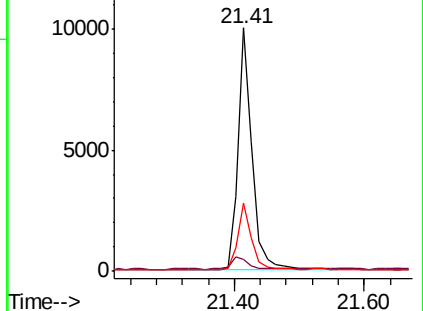
236 28.0 21.7 32.5



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: 0.410 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099697.D

Acq: 21 May 2019 19:58

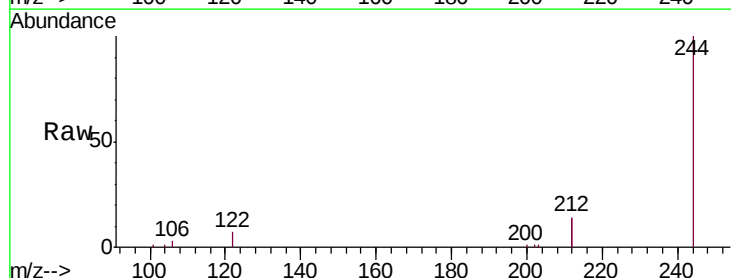
Tgt Ion:244 Resp: 11116

Ion Ratio Lower Upper

244 100

212 28.8 22.5 33.7

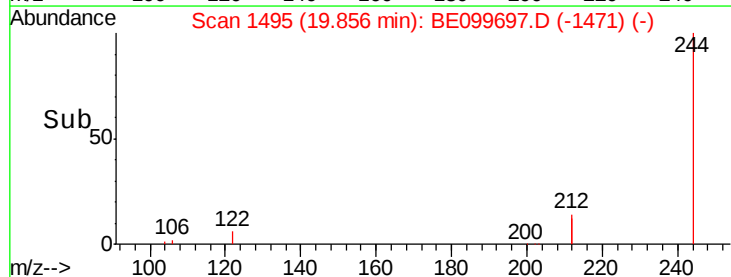
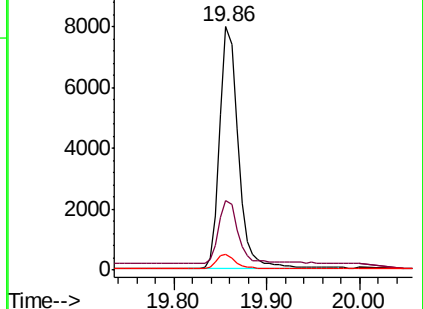
122 6.7 4.3 6.5#

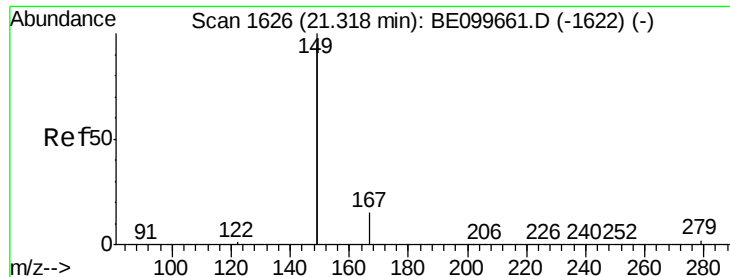


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

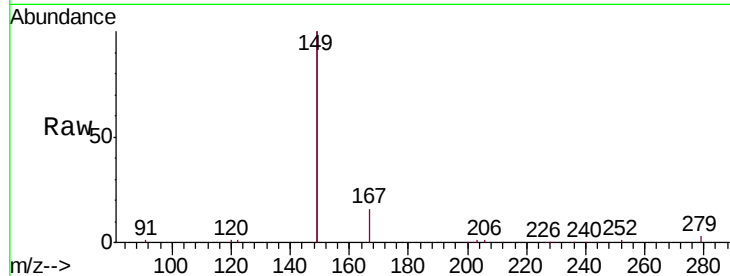




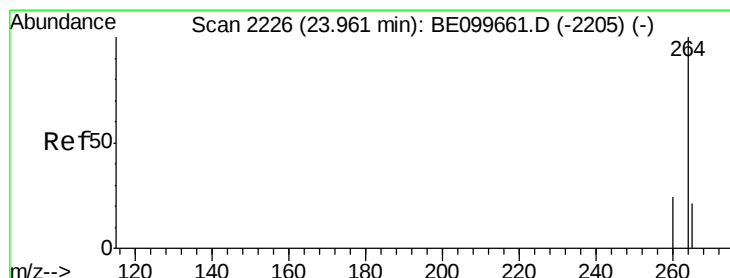
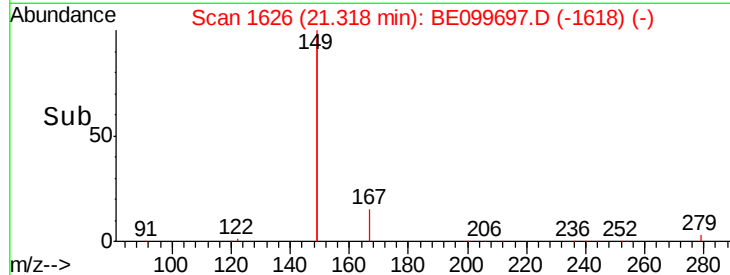
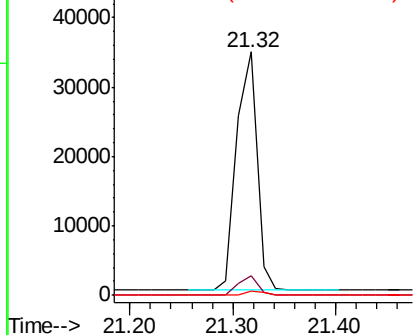
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.953 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE099697.D
 Acq: 21 May 2019 19:58

Instrument :
 BNA_E
 ClientSampleId :
 FESB-12(9.5-10)

Tgt Ion:149 Resp: 47355
 Ion Ratio Lower Upper
 149 100
 167 7.4 6.2 9.4
 279 1.5 1.2 1.8

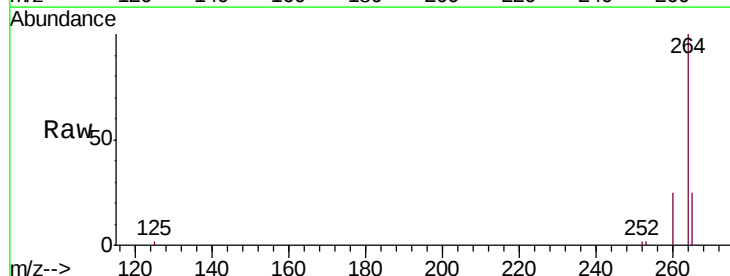


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE099697.D
 Acq: 21 May 2019 19:58

Tgt Ion:264 Resp: 18546
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 25.4 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

