

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
 Data File : BE099727.D
 Acq On : 22 May 2019 19:21
 Operator : JU/SJ
 Sample : K2986-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-21(4.5-5)

Quant Time: May 23 08:00:14 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	1443	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	5156	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3730	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10976	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15414	0.40	ng	0.00
34) Perylene-d12	23.95	264	18043	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1274	0.35	ng	0.00
5) Phenol-d6	6.96	99	1824	0.38	ng	-0.01
8) Nitrobenzene-d5	8.98	82	1400	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2759	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	747	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4278	0.30	ng	0.00
25) Fluoranthene-d10	19.27	212	41949	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	8751	0.32	ng	-0.01

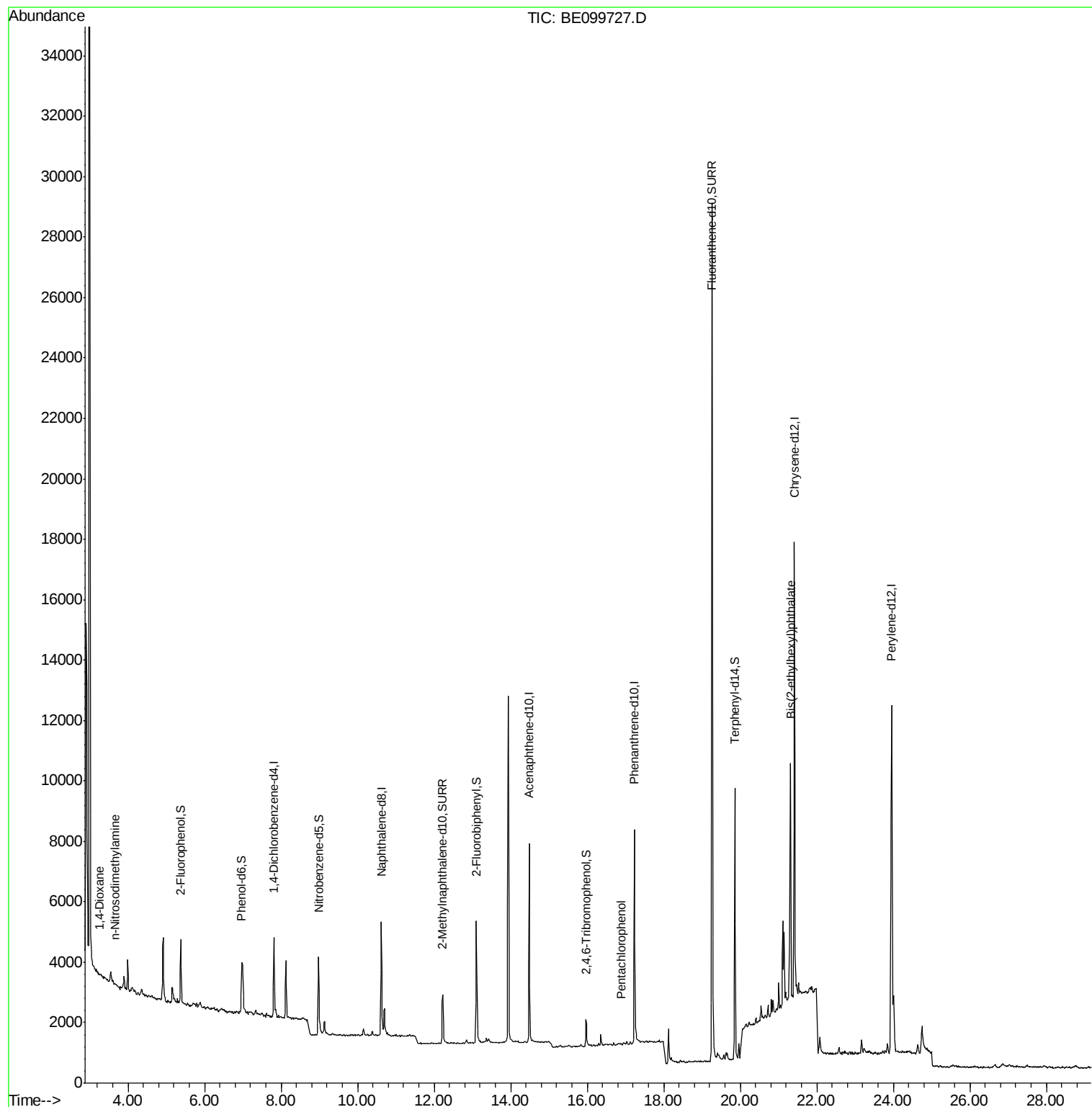
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	79	0.037	ng	# 34
3) n-Nitrosodimethylamine	3.67	42	25	0.021	ng	# 1
22) Pentachlorophenol	16.89	266	10	0.186	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.32	149	13618	0.270	ng	100

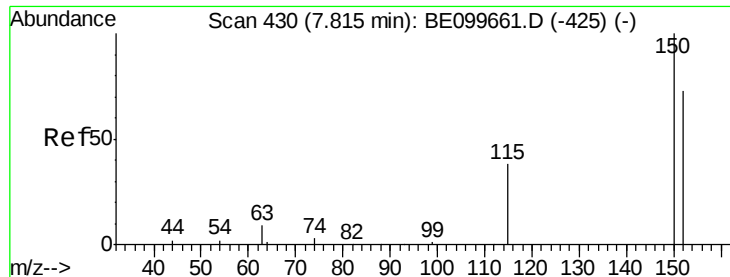
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FESB-21(4.5-5)

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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: BE099727.D

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Instrument :

BNA_E

ClientSampleId :

FESB-21(4.5-5)

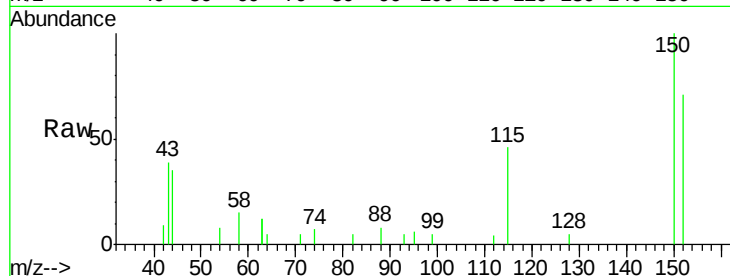
Tgt Ion:152 Resp: 1443

Ion Ratio Lower Upper

152 100

150 140.9 109.2 163.8

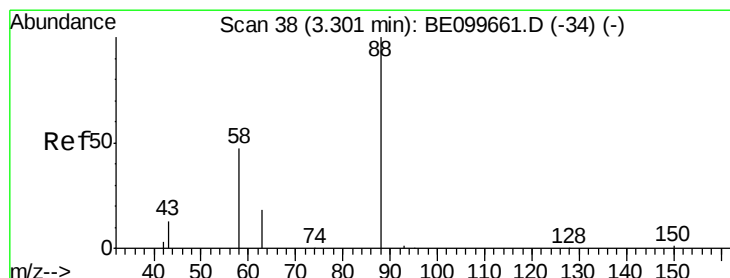
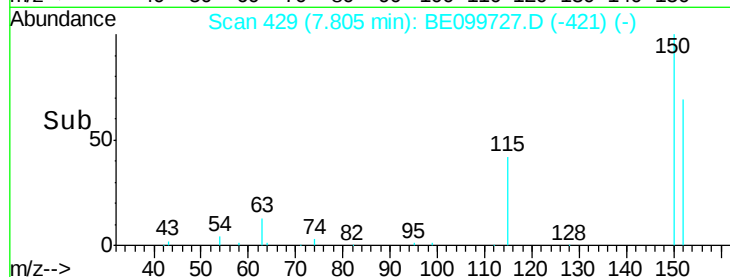
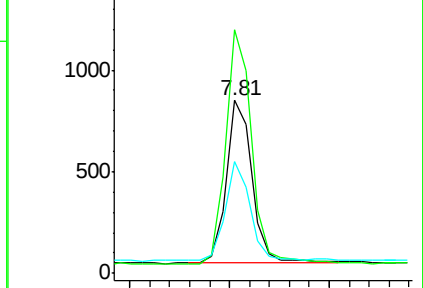
115 64.4 43.7 65.5



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



#2

1,4-Dioxane

Concen: 0.037 ng

RT: 3.26 min Scan# 34

Delta R.T. -0.04 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

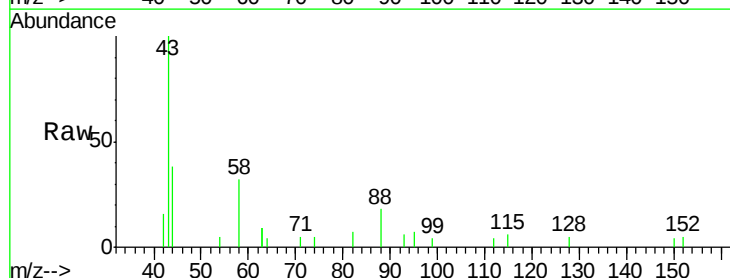
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

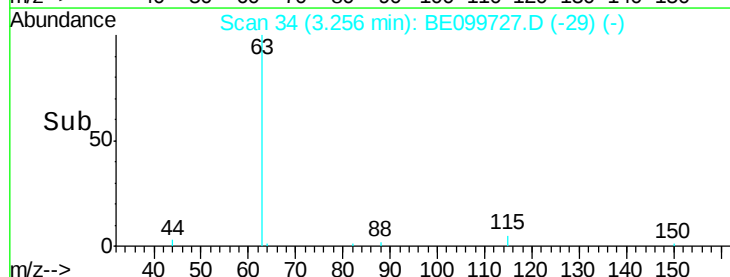
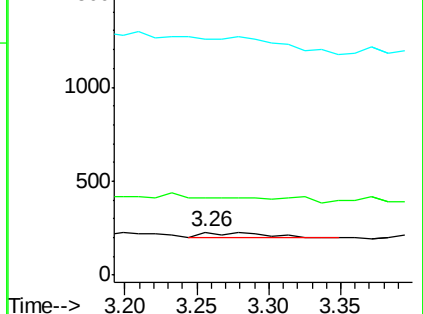
43 0.0 15.0 22.4#

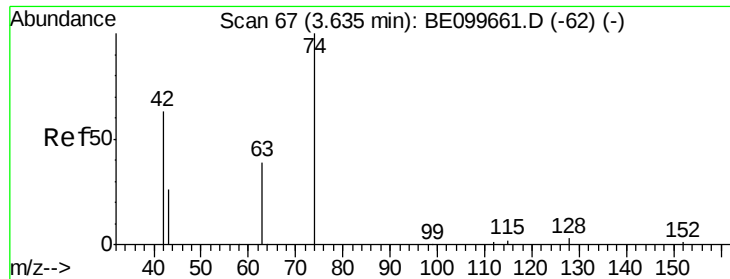


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.04 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

Instrument :

BNA_E

ClientSampleId :

FESB-21(4.5-5)

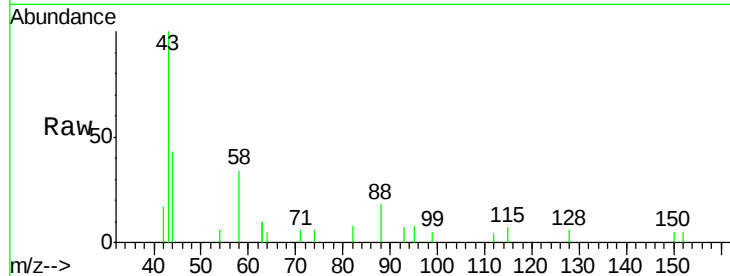
Tgt Ion: 42 Resp: 25

Ion Ratio Lower Upper

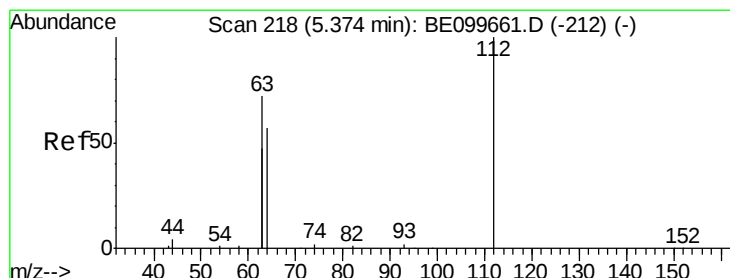
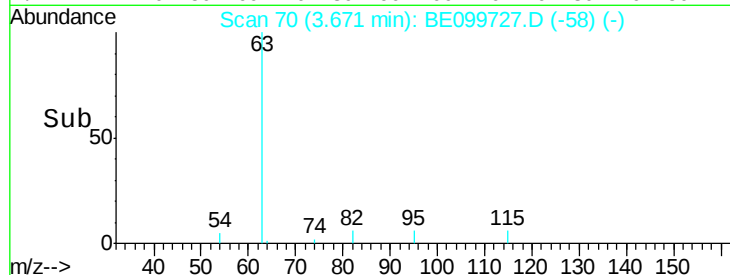
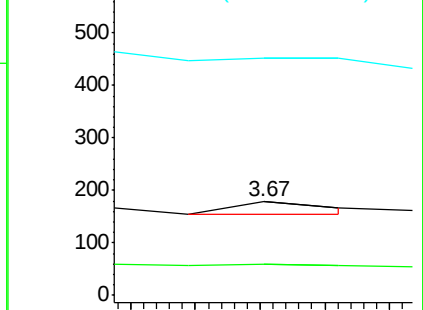
42 100

74 0.0 129.2 193.8#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.349 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

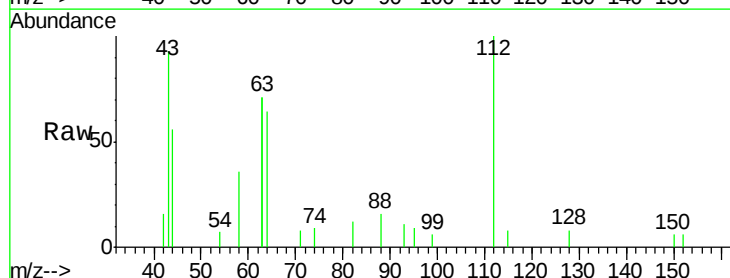
Tgt Ion: 112 Resp: 1274

Ion Ratio Lower Upper

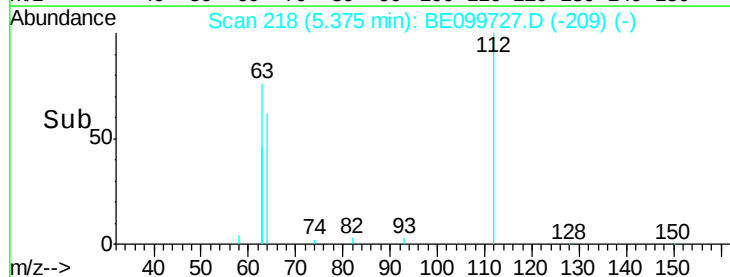
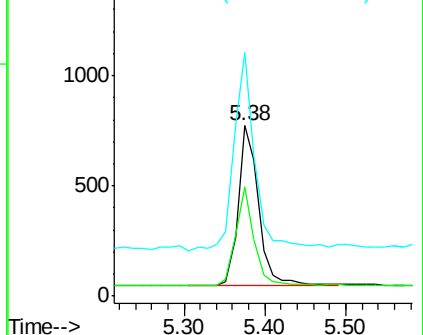
112 100

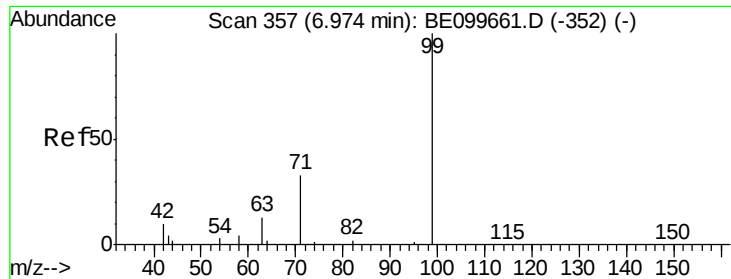
64 56.1 43.4 65.2

63 127.5 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: 0.378 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

Instrument :

BNA_E

ClientSampleId :

FESB-21(4.5-5)

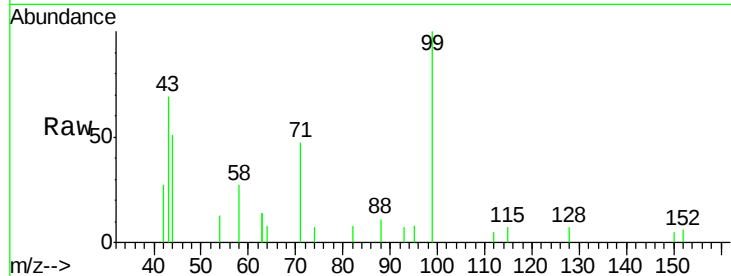
Tgt Ion: 99 Resp: 1824

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

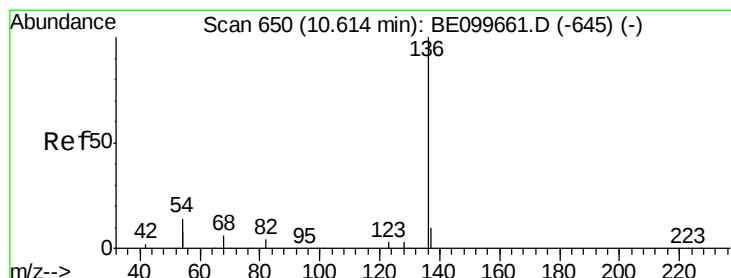
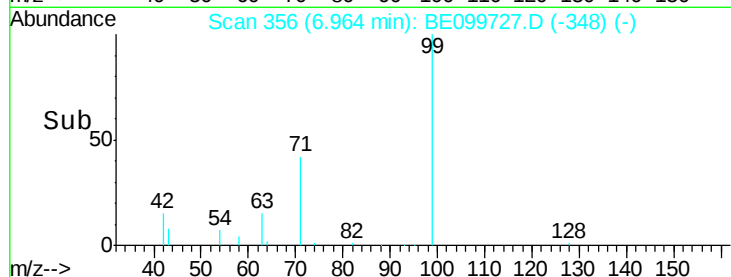
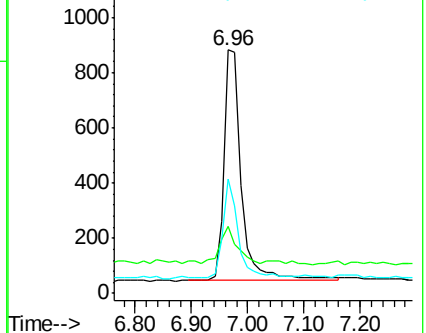
71 37.3 28.9 43.3



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: BE099727.D

Acq: 22 May 2019 19:21

Tgt Ion: 136 Resp: 5156

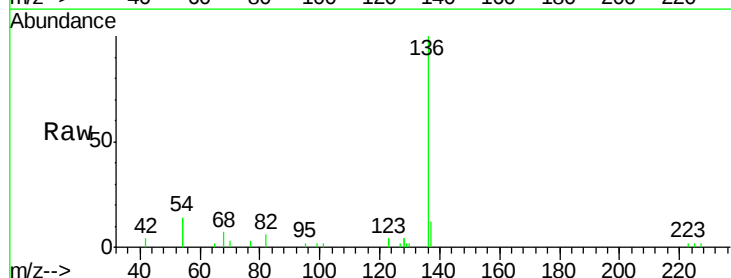
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 27.4 22.3 33.5

68 7.0 6.0 9.0

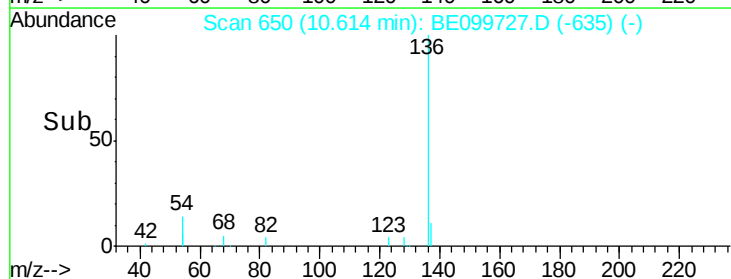
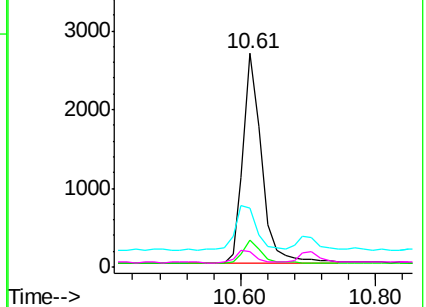


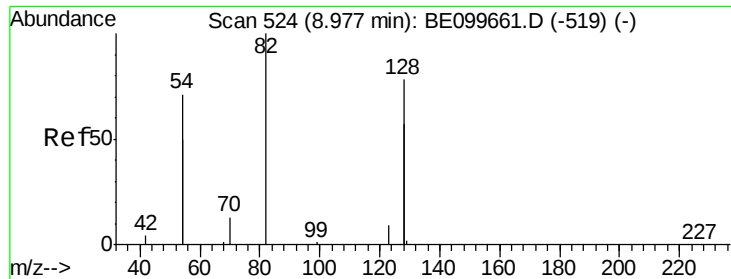
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.314 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

Instrument :

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ClientSampleId :

FESB-21(4.5-5)

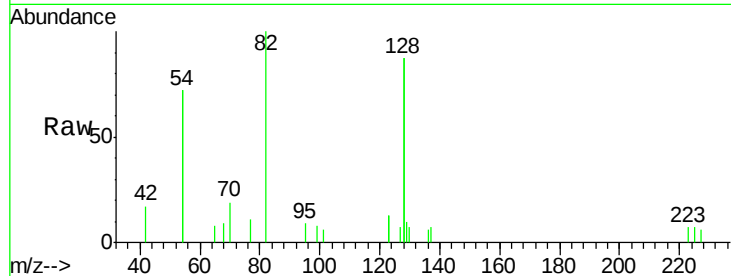
Tgt Ion: 82 Resp: 1400

Ion Ratio Lower Upper

82 100

128 173.5 117.7 176.5

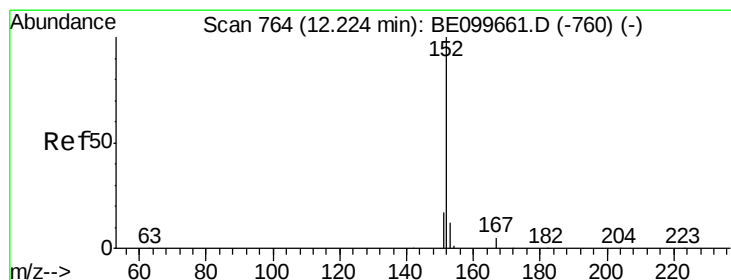
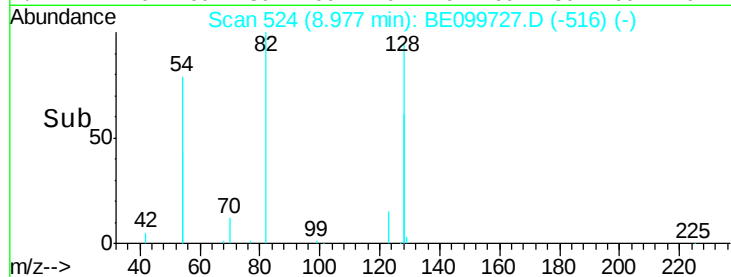
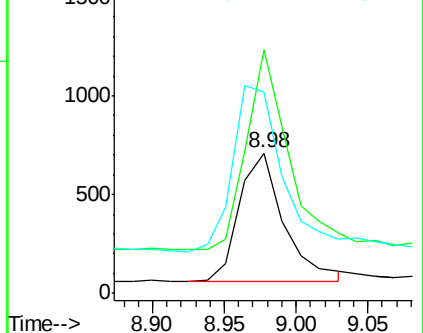
54 143.7 106.6 160.0



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: 0.310 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099727.D

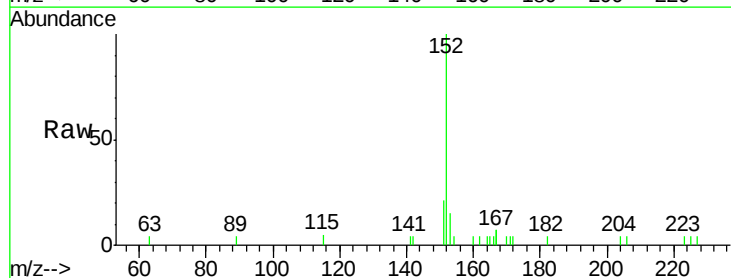
Acq: 22 May 2019 19:21

Tgt Ion: 152 Resp: 2759

Ion Ratio Lower Upper

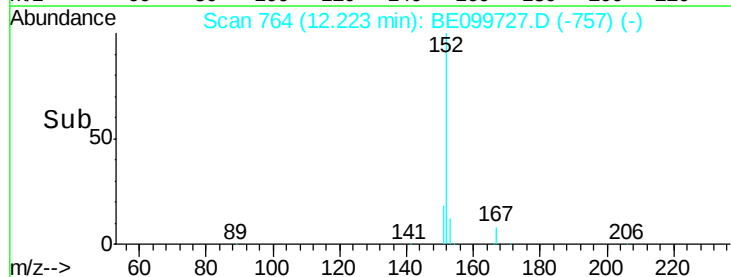
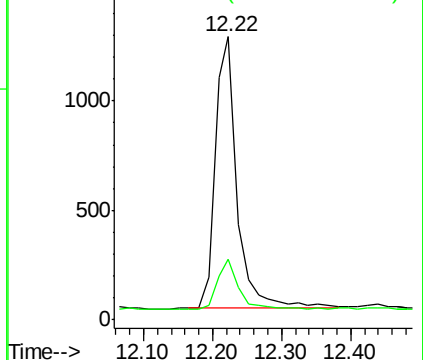
152 100

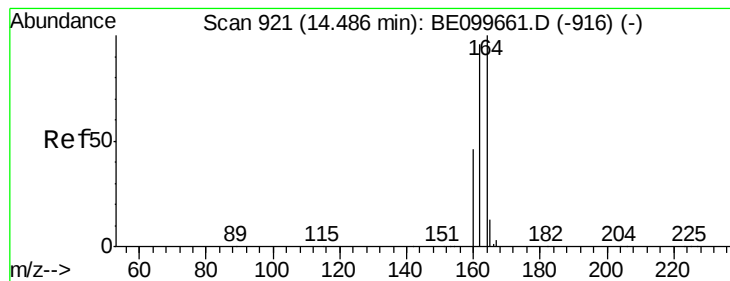
151 18.3 15.0 22.4



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: BE099727.D

Acq: 22 May 2019 19:21

Instrument :

BNA_E

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FESB-21(4.5-5)

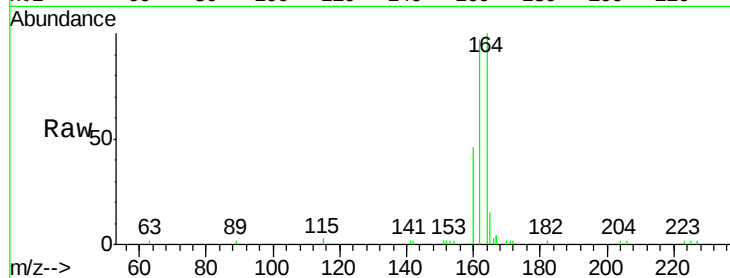
Tgt Ion:164 Resp: 3730

Ion Ratio Lower Upper

164 100

162 96.8 76.5 114.7

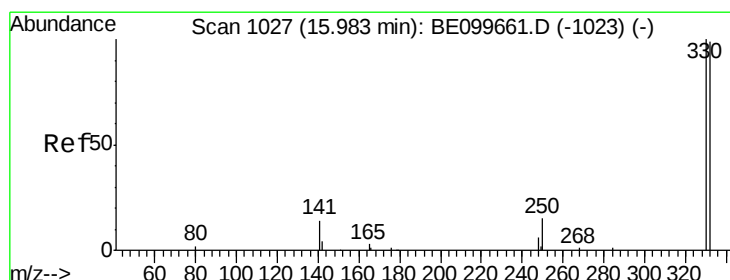
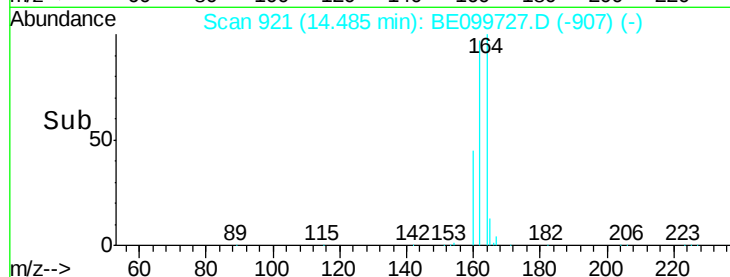
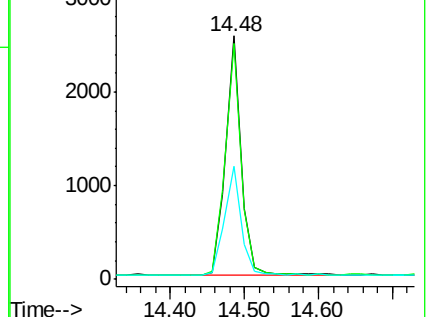
160 46.2 37.4 56.2



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: 0.395 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

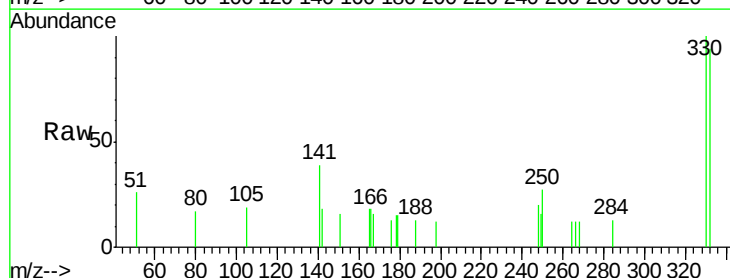
Tgt Ion:330 Resp: 747

Ion Ratio Lower Upper

330 100

332 98.7 77.3 115.9

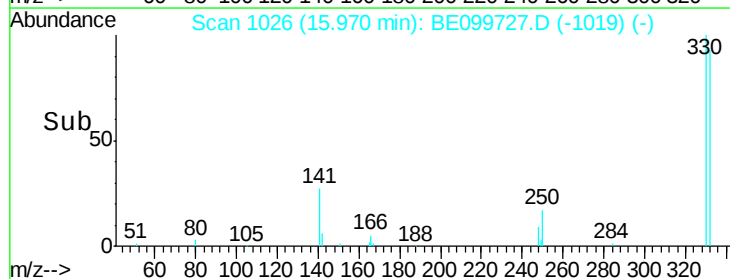
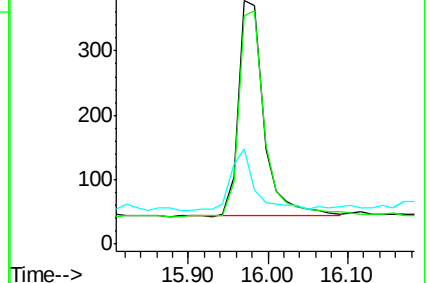
141 27.8 18.9 28.3

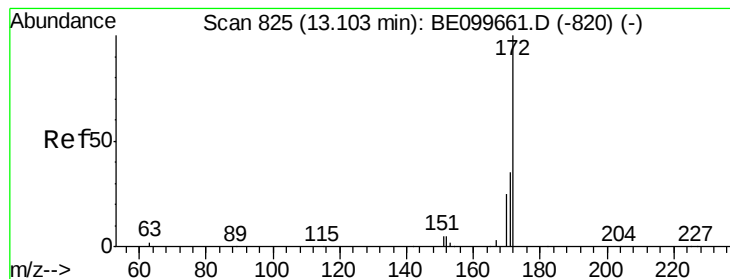


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.302 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

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FESB-21(4.5-5)

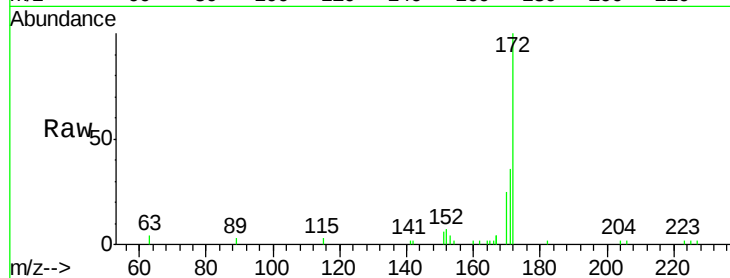
Tgt Ion:172 Resp: 4278

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

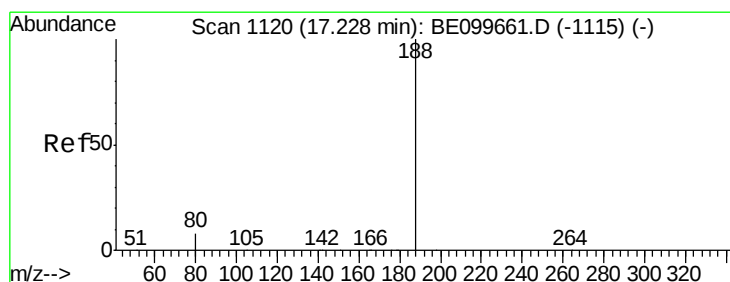
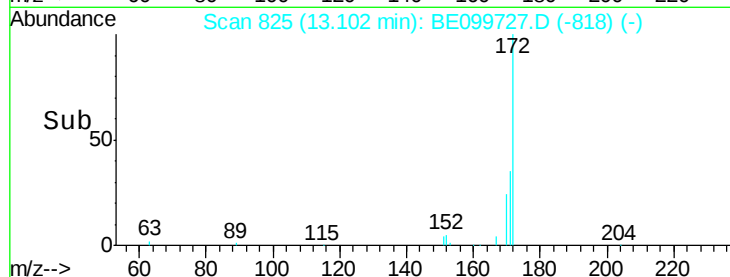
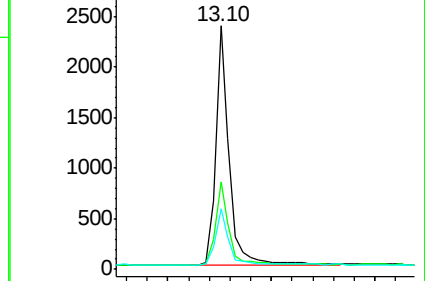
170 25.0 20.9 31.3



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: BE099727.D

Acq: 22 May 2019 19:21

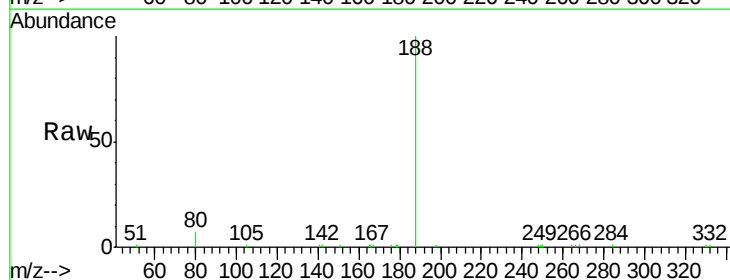
Tgt Ion:188 Resp: 10976

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

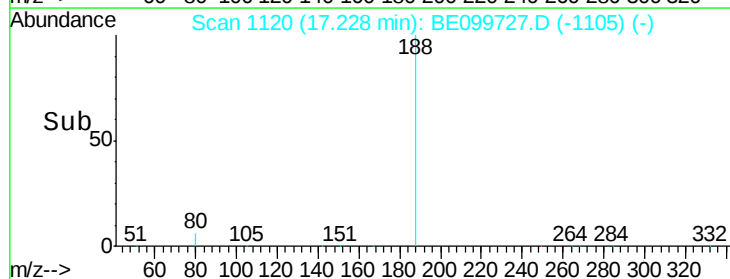
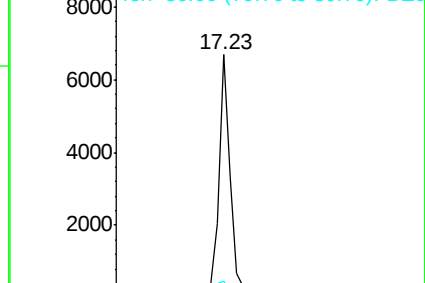
80 7.2 6.7 10.1

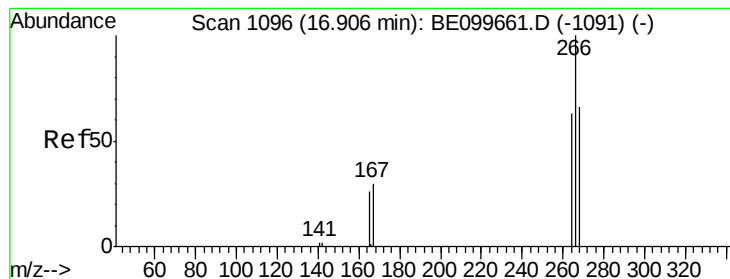


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.186 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

Instrument :

BNA_E

ClientSampleId :

FESB-21(4.5-5)

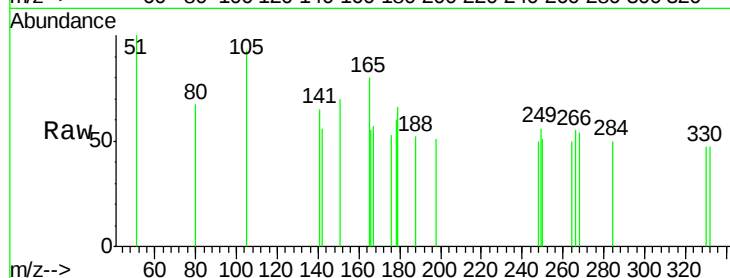
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 90.4 57.2 85.8#

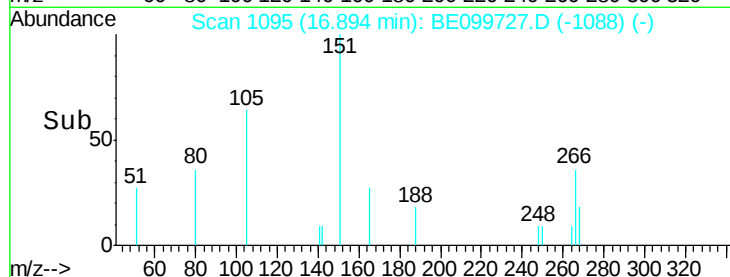
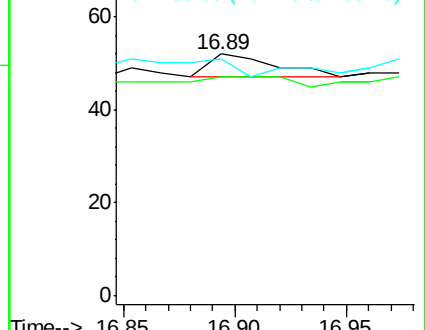
268 98.1 60.5 90.7#



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: 0.280 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

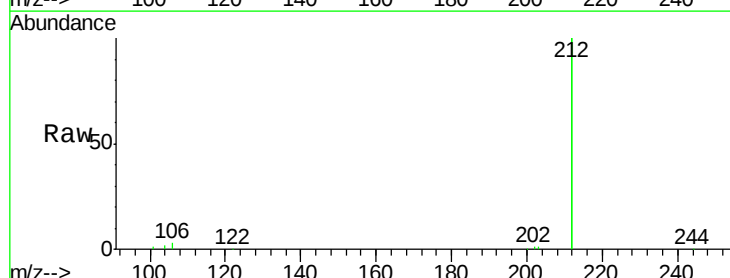
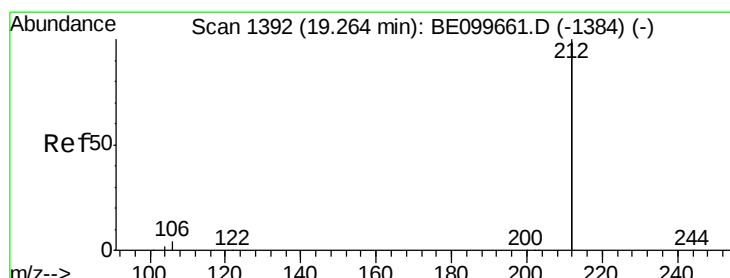
Tgt Ion:212 Resp: 41949

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

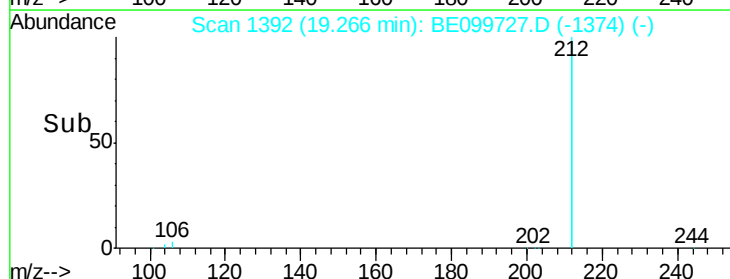
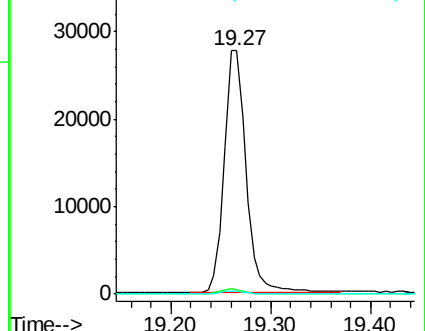
104 1.0 0.8 1.2

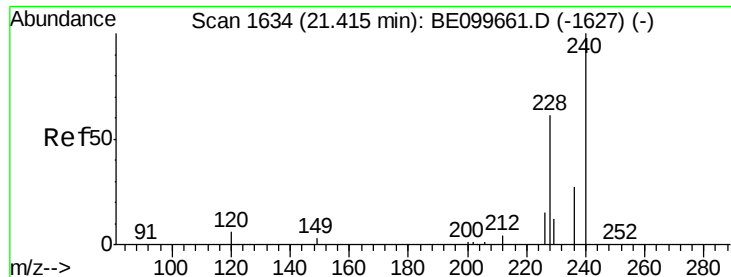


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

Instrument :

BNA_E

ClientSampleId :

FESB-21(4.5-5)

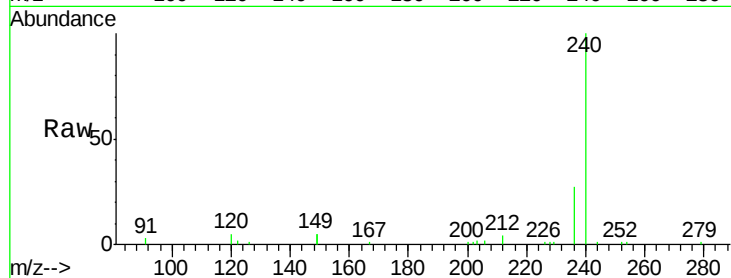
Tgt Ion:240 Resp: 15414

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.0#

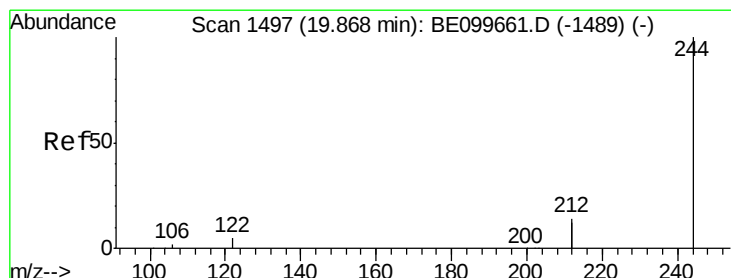
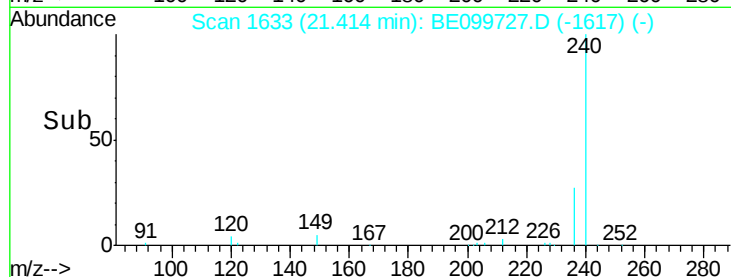
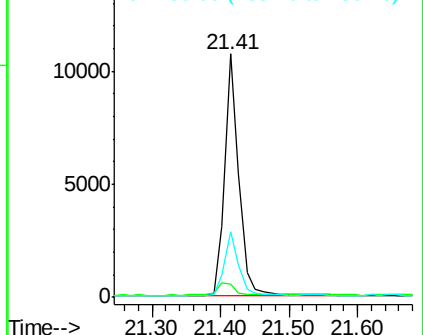
236 27.1 21.7 32.5



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: 0.318 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099727.D

Acq: 22 May 2019 19:21

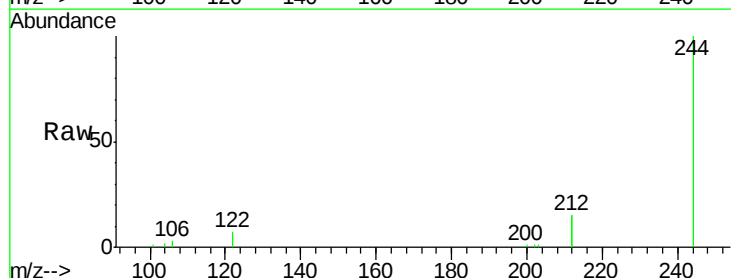
Tgt Ion:244 Resp: 8751

Ion Ratio Lower Upper

244 100

212 29.8 22.5 33.7

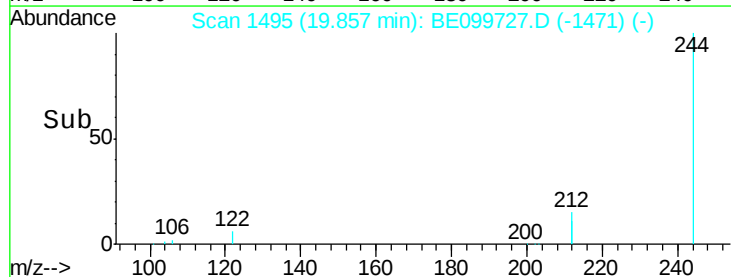
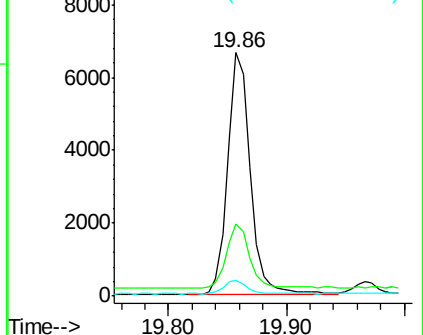
122 6.6 4.3 6.5#

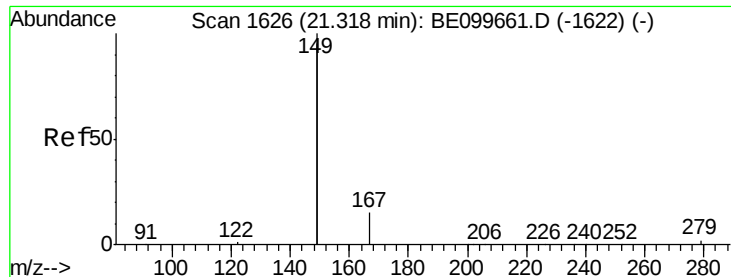


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

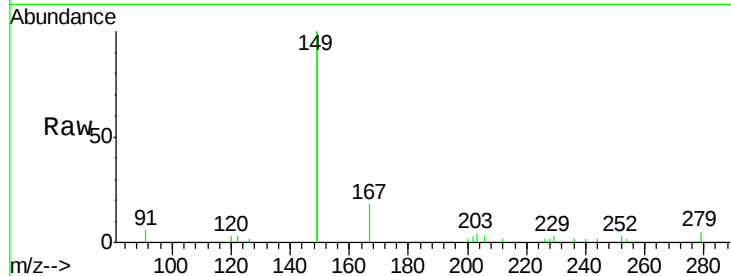




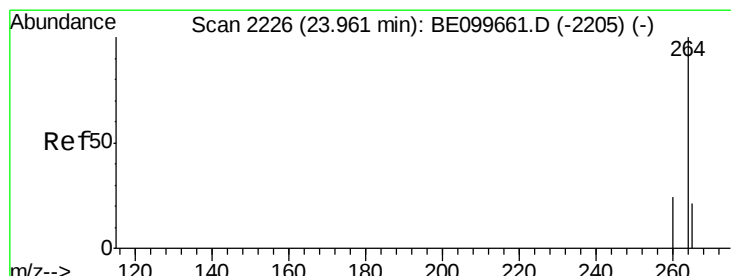
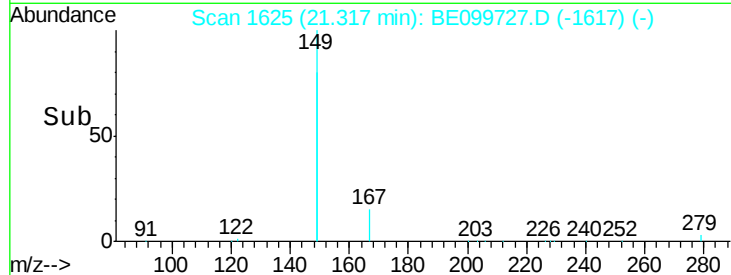
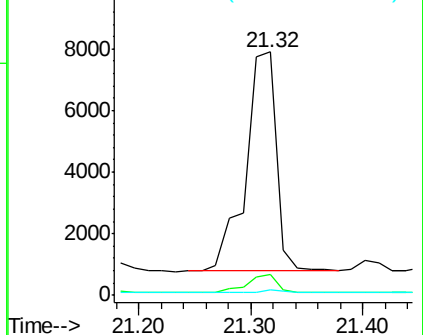
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.270 ng
 RT: 21.32 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE099727.D
 Acq: 22 May 2019 19:21

Instrument :
 BNA_E
 ClientSampleId :
 FESB-21(4.5-5)

Tgt Ion:149 Resp: 13618
 Ion Ratio Lower Upper
 149 100
 167 7.8 6.2 9.4
 279 1.4 1.2 1.8

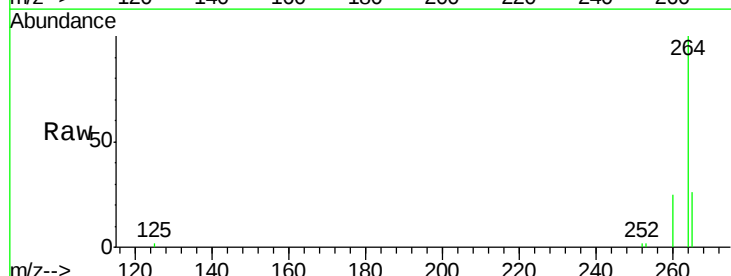


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BE099727.D
 Acq: 22 May 2019 19:21

Tgt Ion:264 Resp: 18043
 Ion Ratio Lower Upper
 264 100
 260 25.3 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

