

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099682.D
 Acq On : 21 May 2019 4:19
 Operator : JU/SJ
 Sample : K2944-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-6(4.5-5)

Quant Time: May 21 07:42:31 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

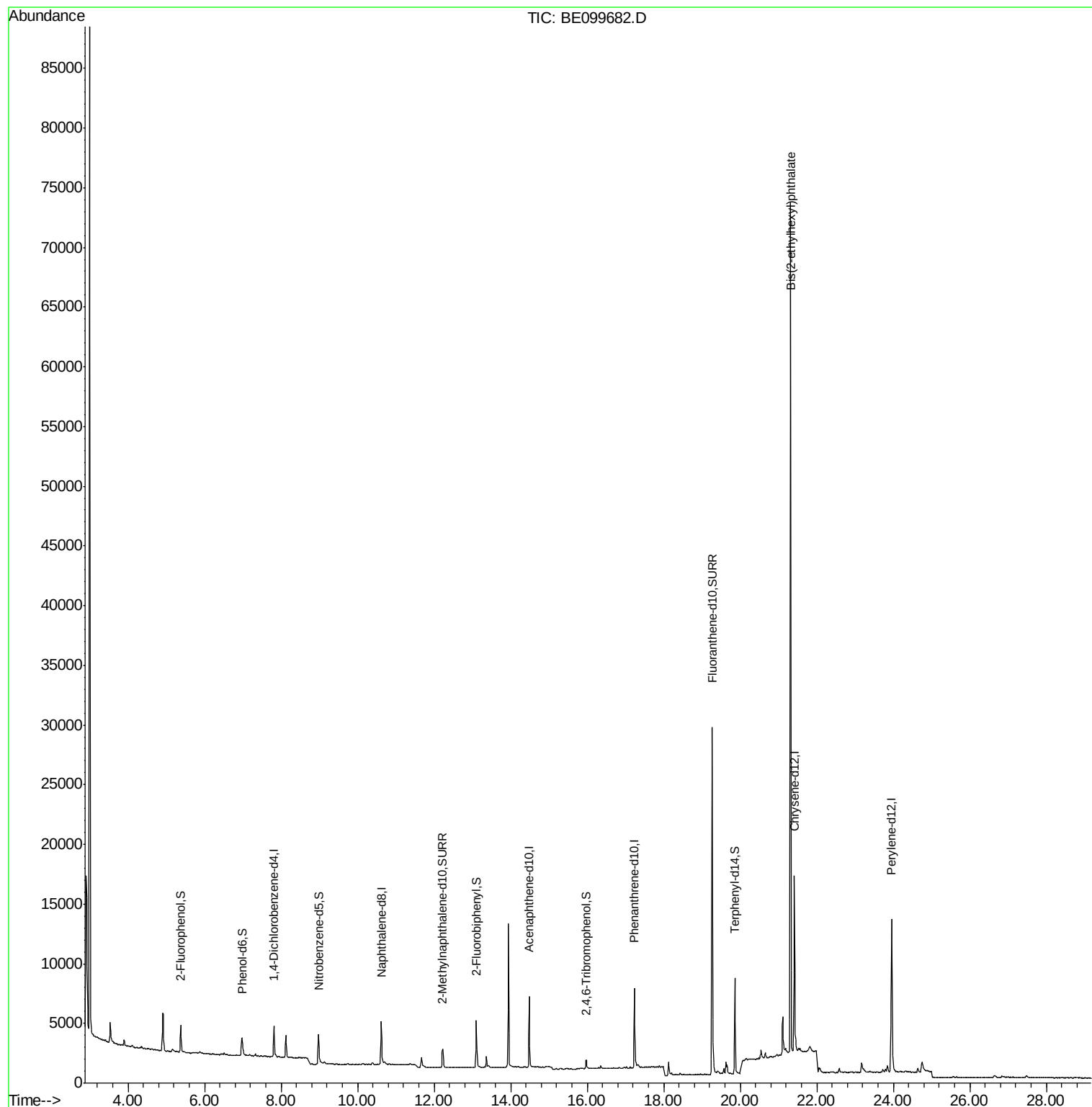
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1429	0.40	ng	-0.01
7) Naphthalene-d8	10.62	136	5029	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3514	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10330	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15610	0.40	ng	0.00
34) Perylene-d12	23.96	264	19042	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1365	0.38	ng	0.00
5) Phenol-d6	6.98	99	1858	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	1459	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2614	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	648	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3817	0.29	ng	0.00
25) Fluoranthene-d10	19.26	212	39629	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	8007	0.29	ng	-0.01
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.32	149	89688	1.754	ng	99

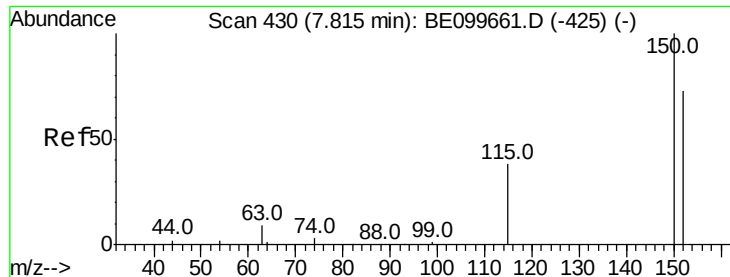
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

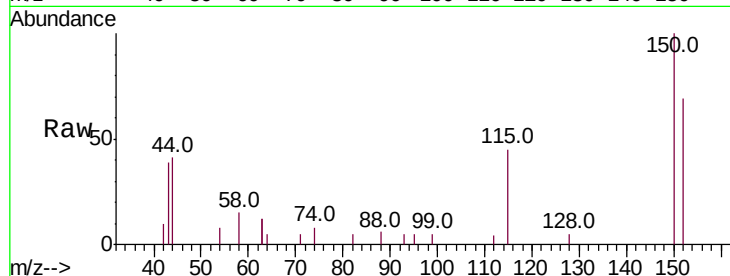
Tot Ion:152 Resp: 1429

Ion Ratio Lower Upper

152 100

150 145.0 109.2 163.8

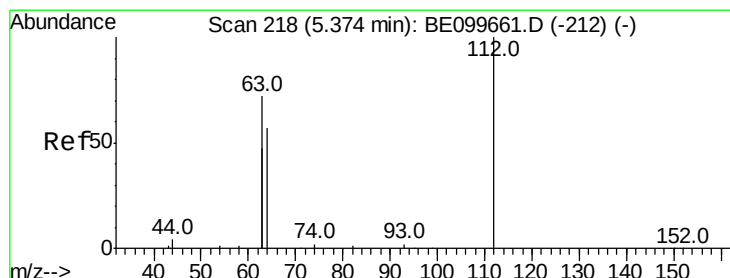
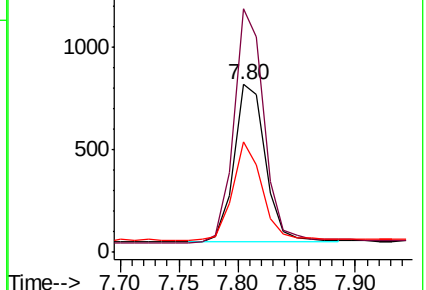
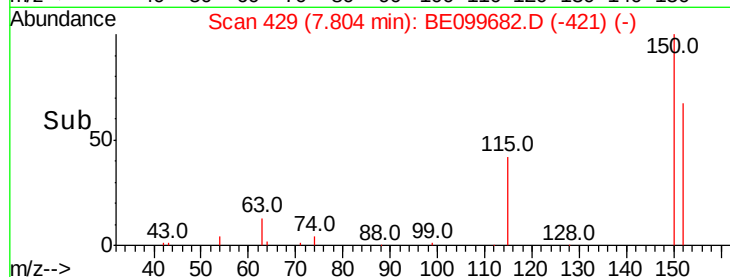
115 65.7 43.7 65.5#



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: 0.378 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

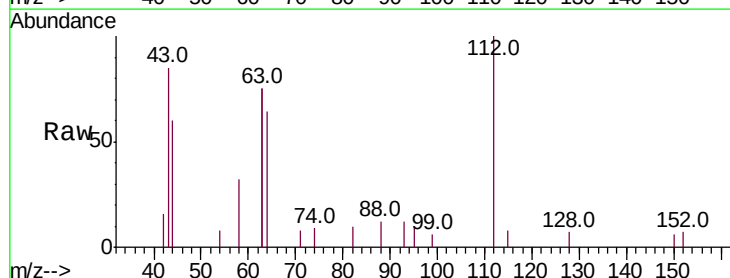
Tgt Ion:112 Resp: 1365

Ion Ratio Lower Upper

112 100

64 53.7 43.4 65.2

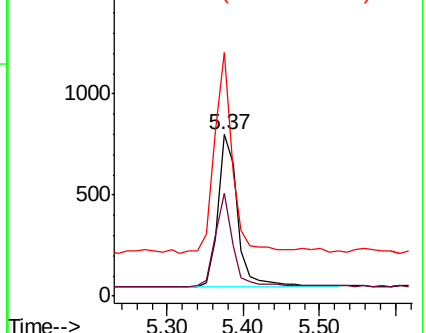
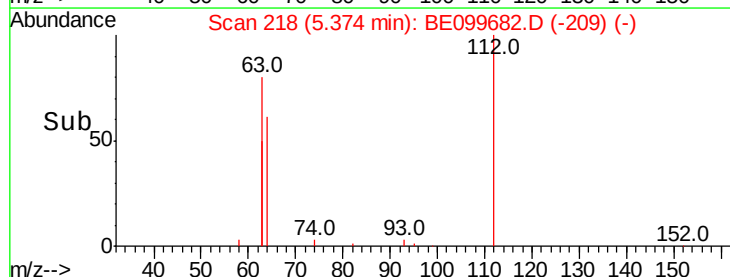
63 117.7 96.9 145.3

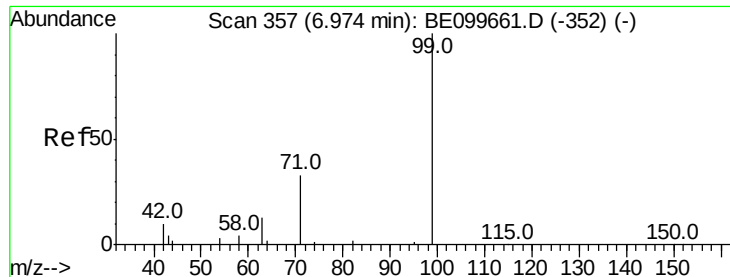


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

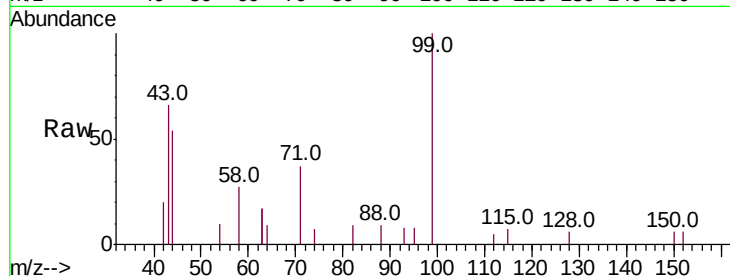
Tot Ion: 99 Resp: 1858

Ion Ratio Lower Upper

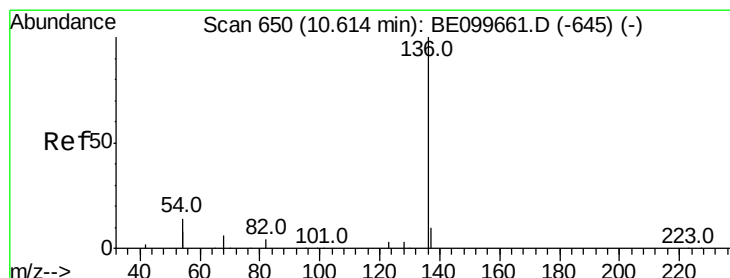
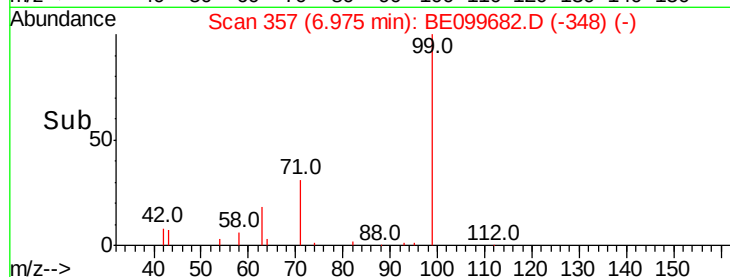
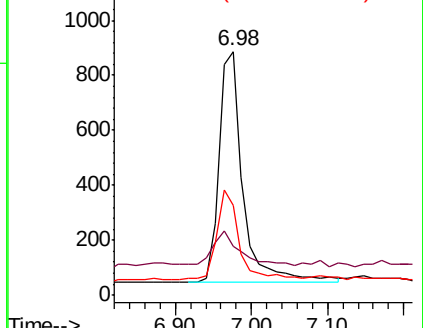
99 100

42 15.6 12.2 18.2

71 36.7 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: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Tgt Ion: 136 Resp: 5029

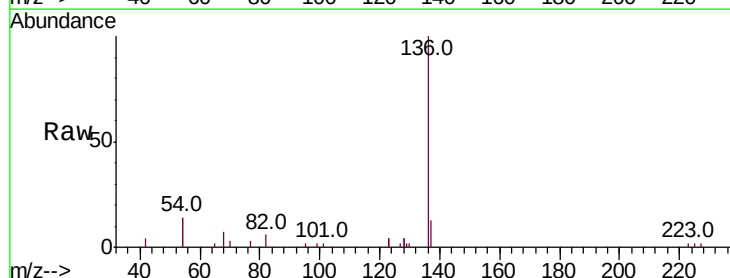
Ion Ratio Lower Upper

136 100

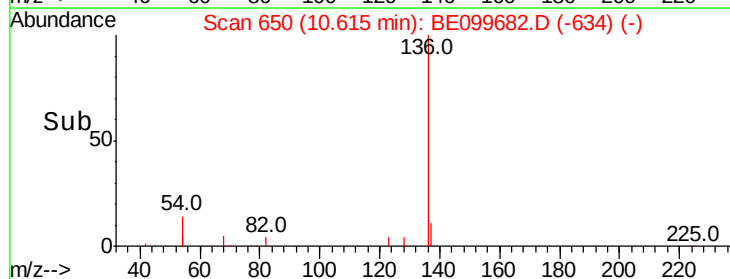
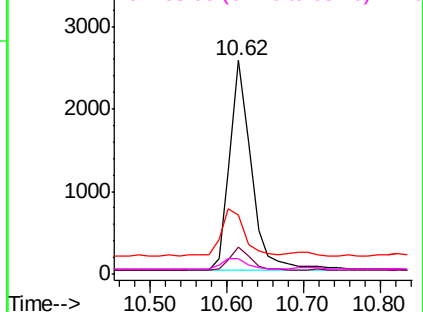
137 12.5 9.0 13.6

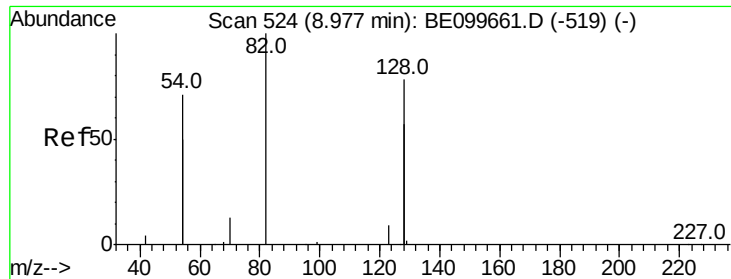
54 27.4 22.3 33.5

68 6.9 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: 0.335 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

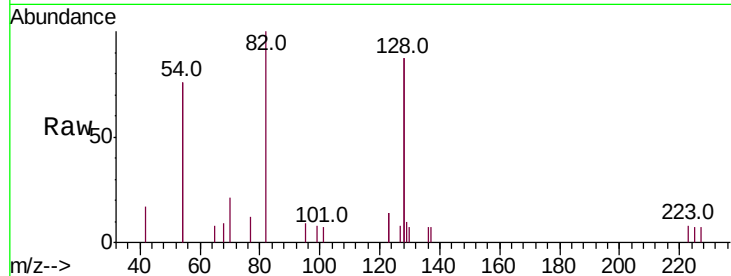
Tot Ion: 82 Resp: 1459

Ion Ratio Lower Upper

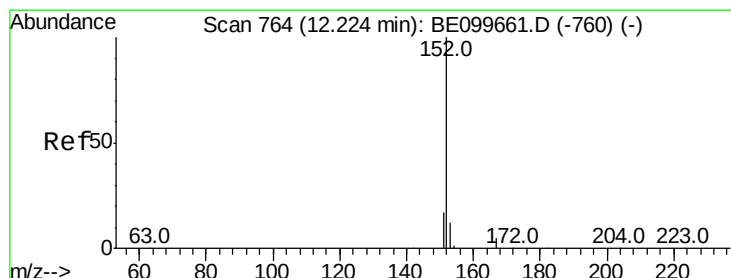
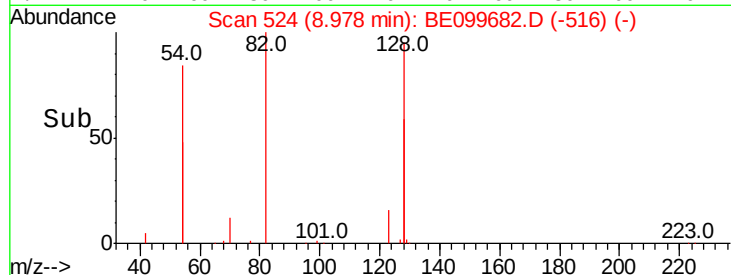
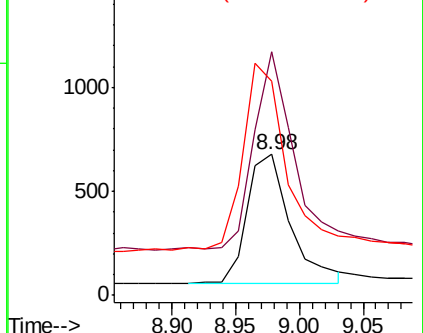
82 100

128 173.1 117.7 176.5

54 152.7 106.6 160.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.301 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099682.D

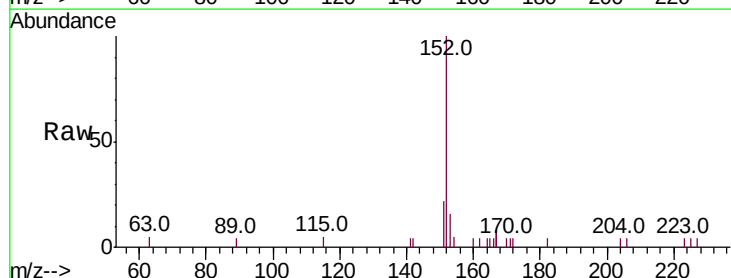
Acq: 21 May 2019 4:19

Tgt Ion:152 Resp: 2614

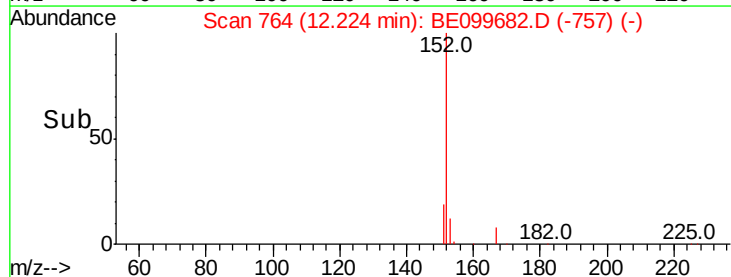
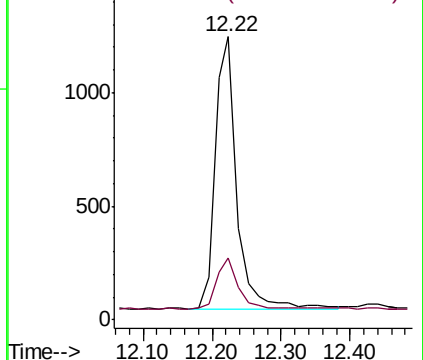
Ion Ratio Lower Upper

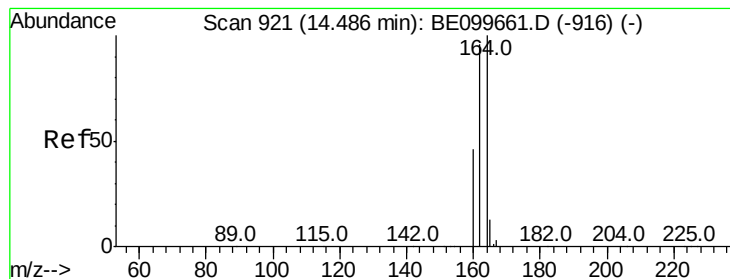
152 100

151 18.0 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: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

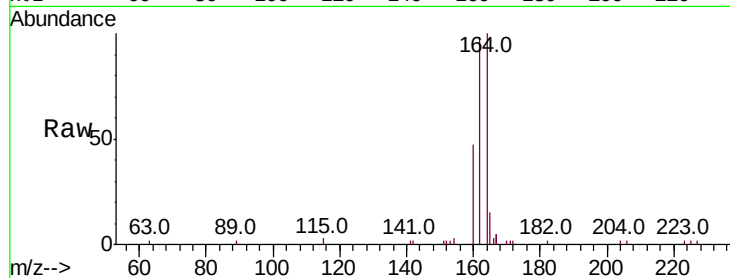
Tot Ion:164 Resp: 3514

Ion Ratio Lower Upper

164 100

162 97.9 76.5 114.7

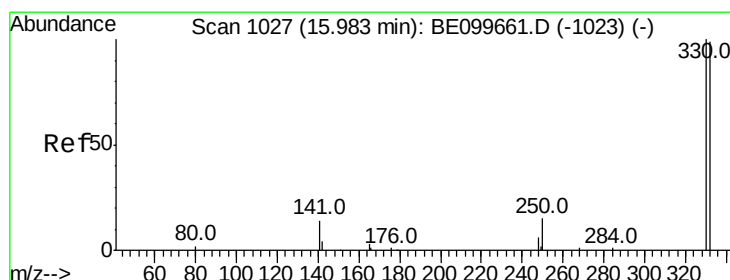
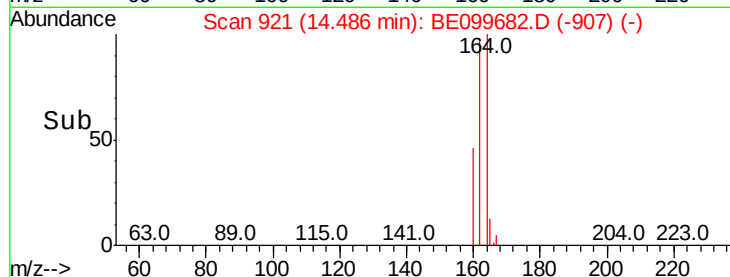
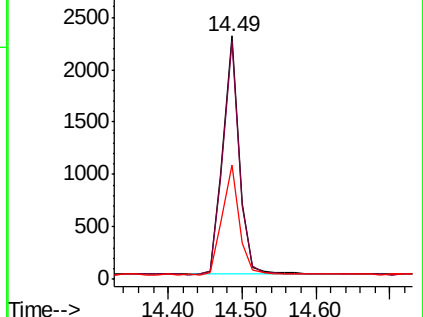
160 47.0 37.4 56.2



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: 0.375 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

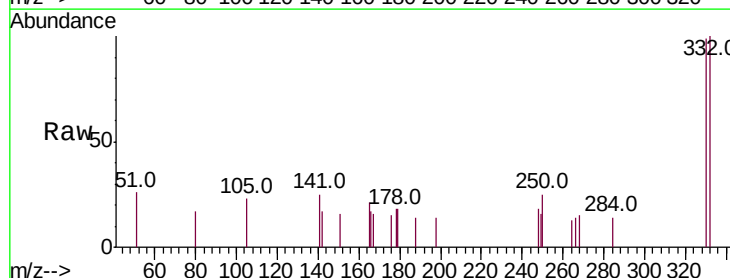
Tgt Ion:330 Resp: 648

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

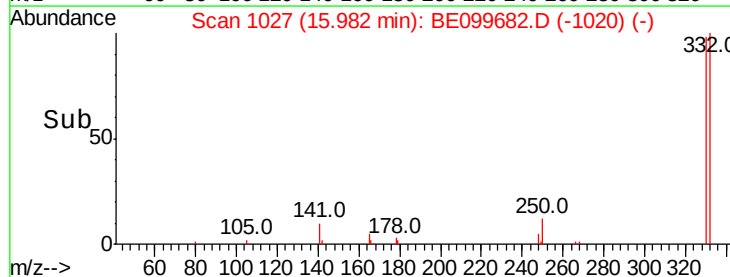
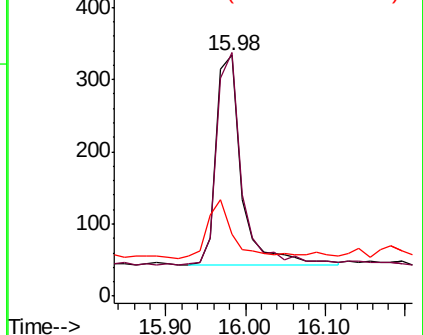
141 29.5 18.9 28.3#

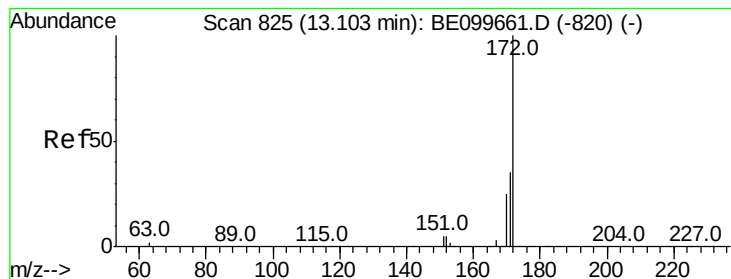


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.286 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

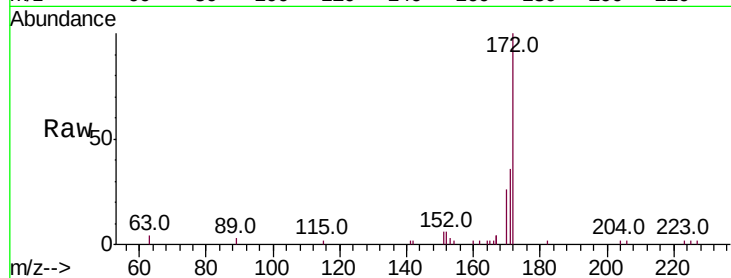
Tot Ion:172 Resp: 3817

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

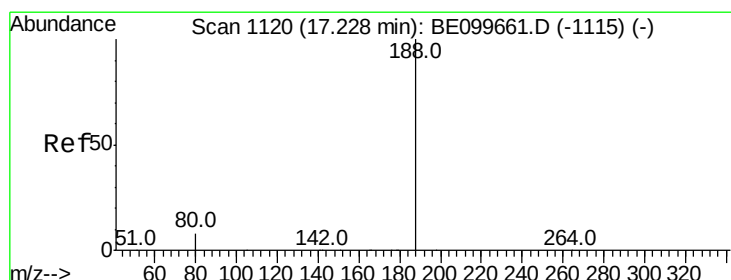
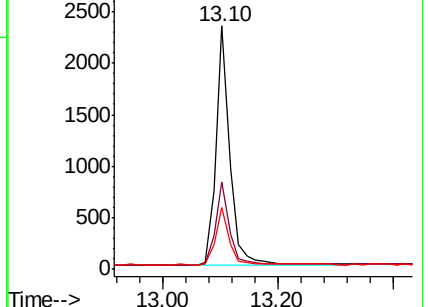
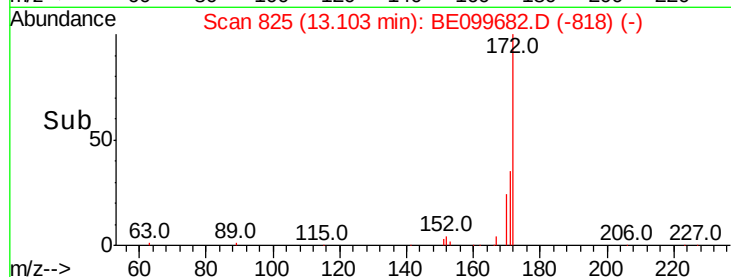
170 25.5 20.9 31.3



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: BE099682.D

Acq: 21 May 2019 4:19

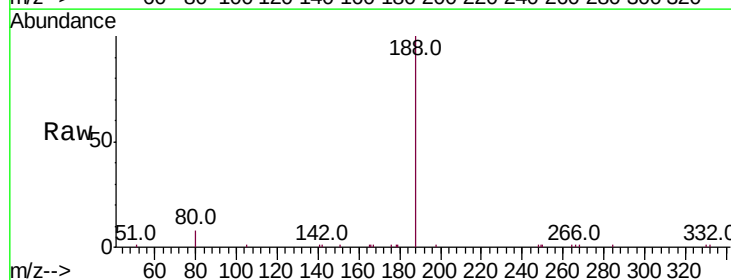
Tgt Ion:188 Resp: 10330

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

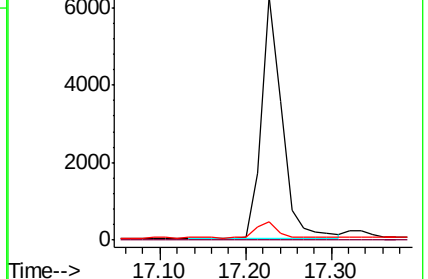
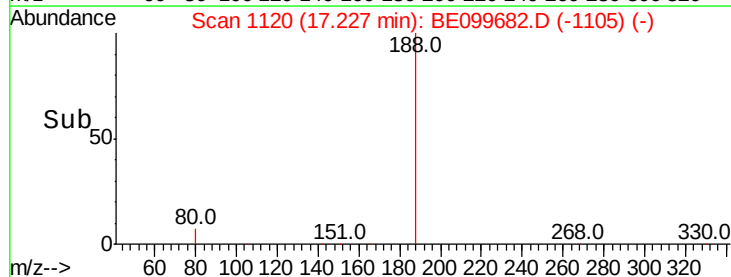
80 7.8 6.7 10.1

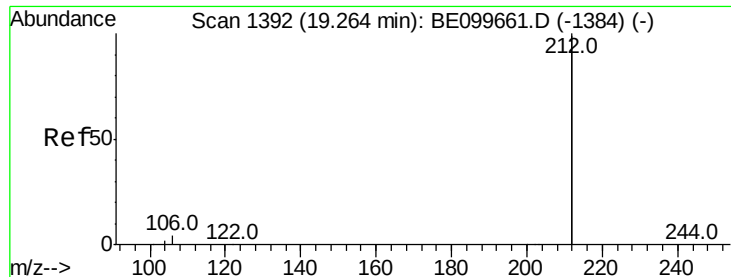


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.281 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

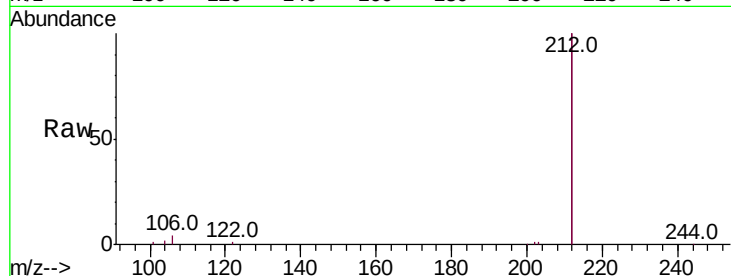
Tot Ion:212 Resp: 39629

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

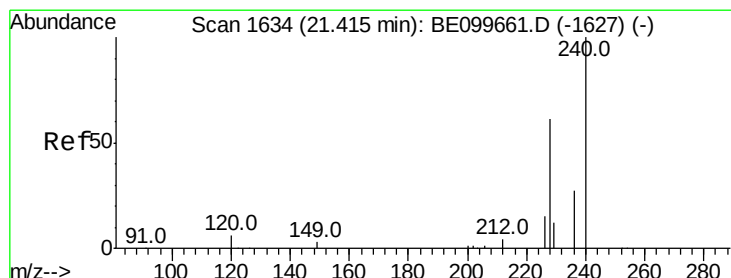
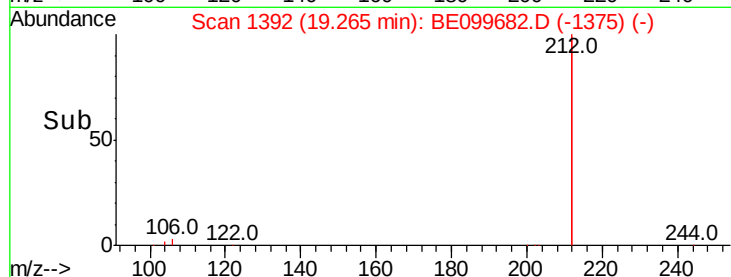
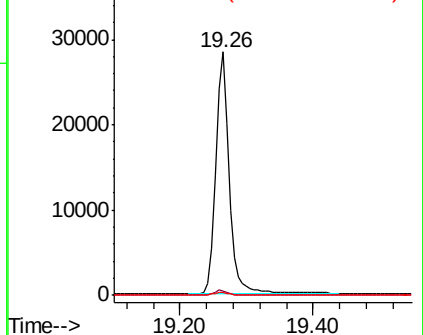
104 1.1 0.8 1.2



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

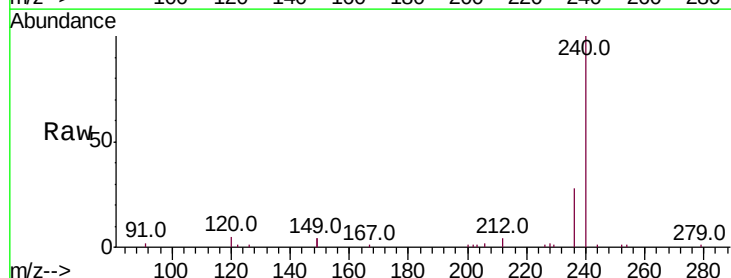
Tgt Ion:240 Resp: 15610

Ion Ratio Lower Upper

240 100

120 4.8 5.4 8.0#

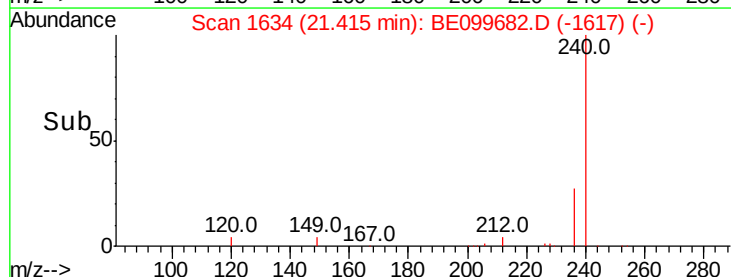
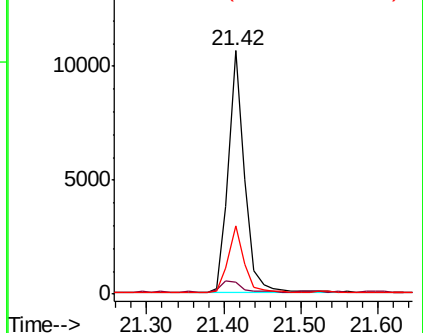
236 27.9 21.7 32.5

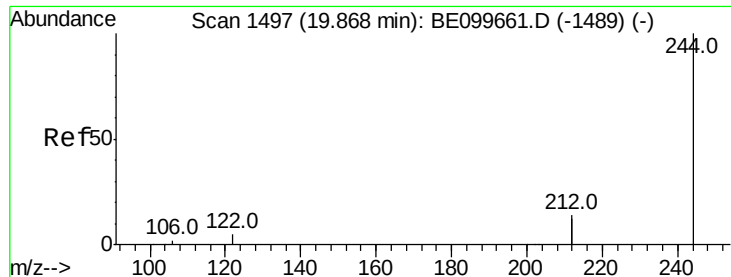


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.287 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

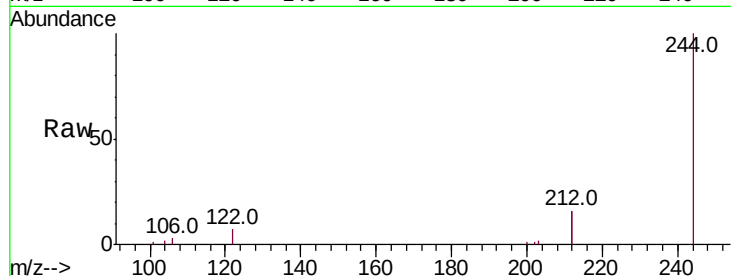
Tot Ion:244 Resp: 8007

Ion Ratio Lower Upper

244 100

212 31.7 22.5 33.7

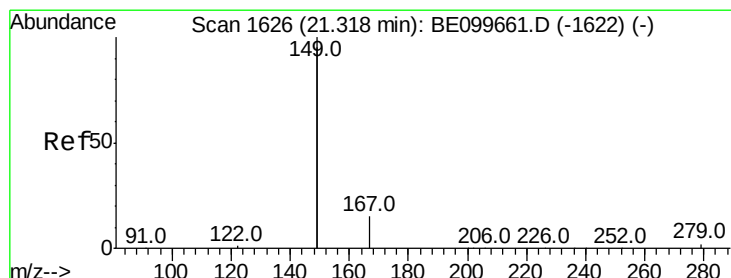
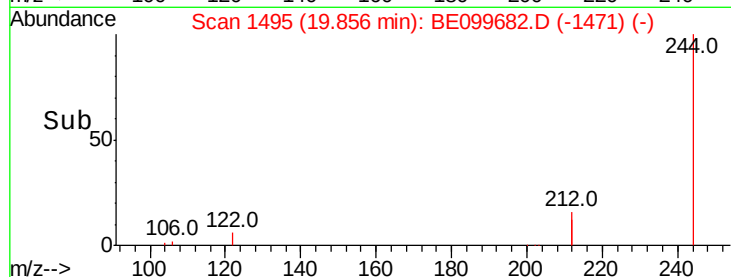
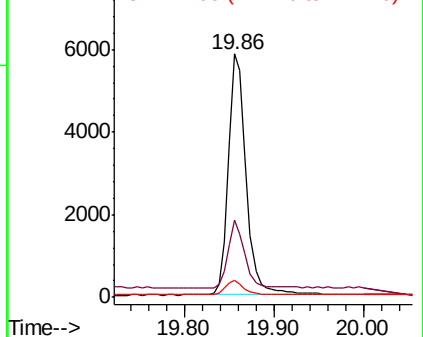
122 7.2 4.3 6.5#



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: 1.754 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

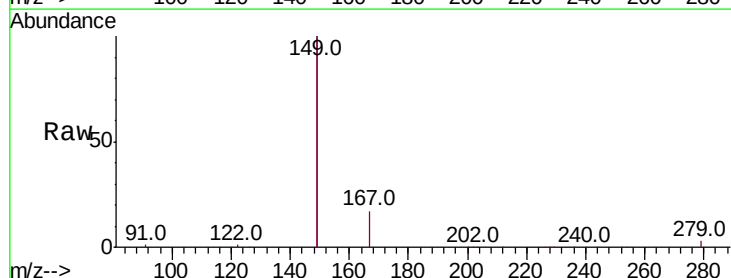
Tgt Ion:149 Resp: 89688

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

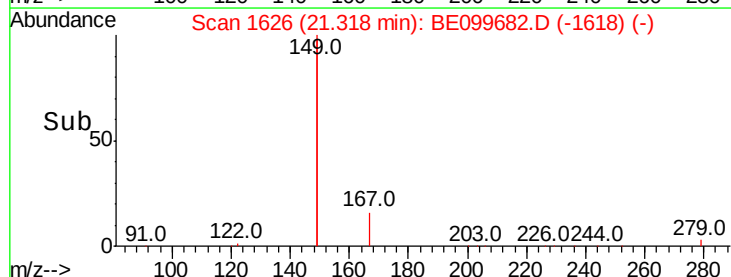
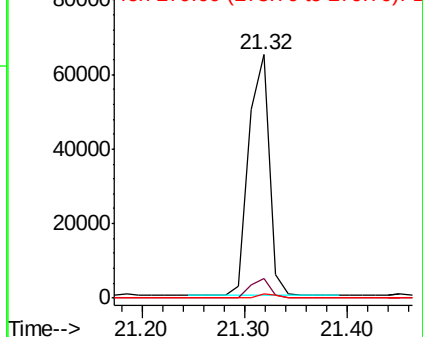
279 1.5 1.2 1.8

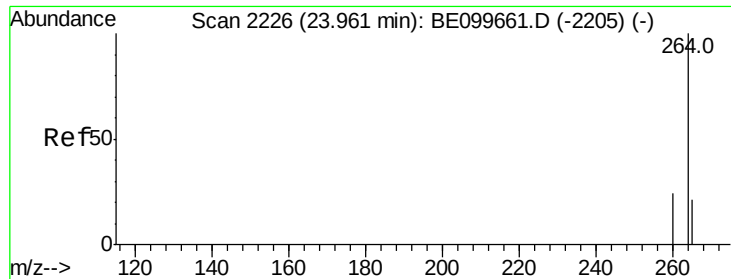


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

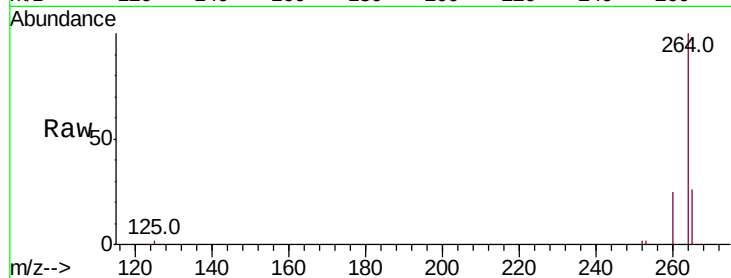




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

Tot Ion:	264	Resp:	19042
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.6	29.4
265	26.1	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

