

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099751.D
 Acq On : 24 May 2019 20:24
 Operator : JU/SJ
 Sample : K3015-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-4

Quant Time: May 24 22:05:37 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

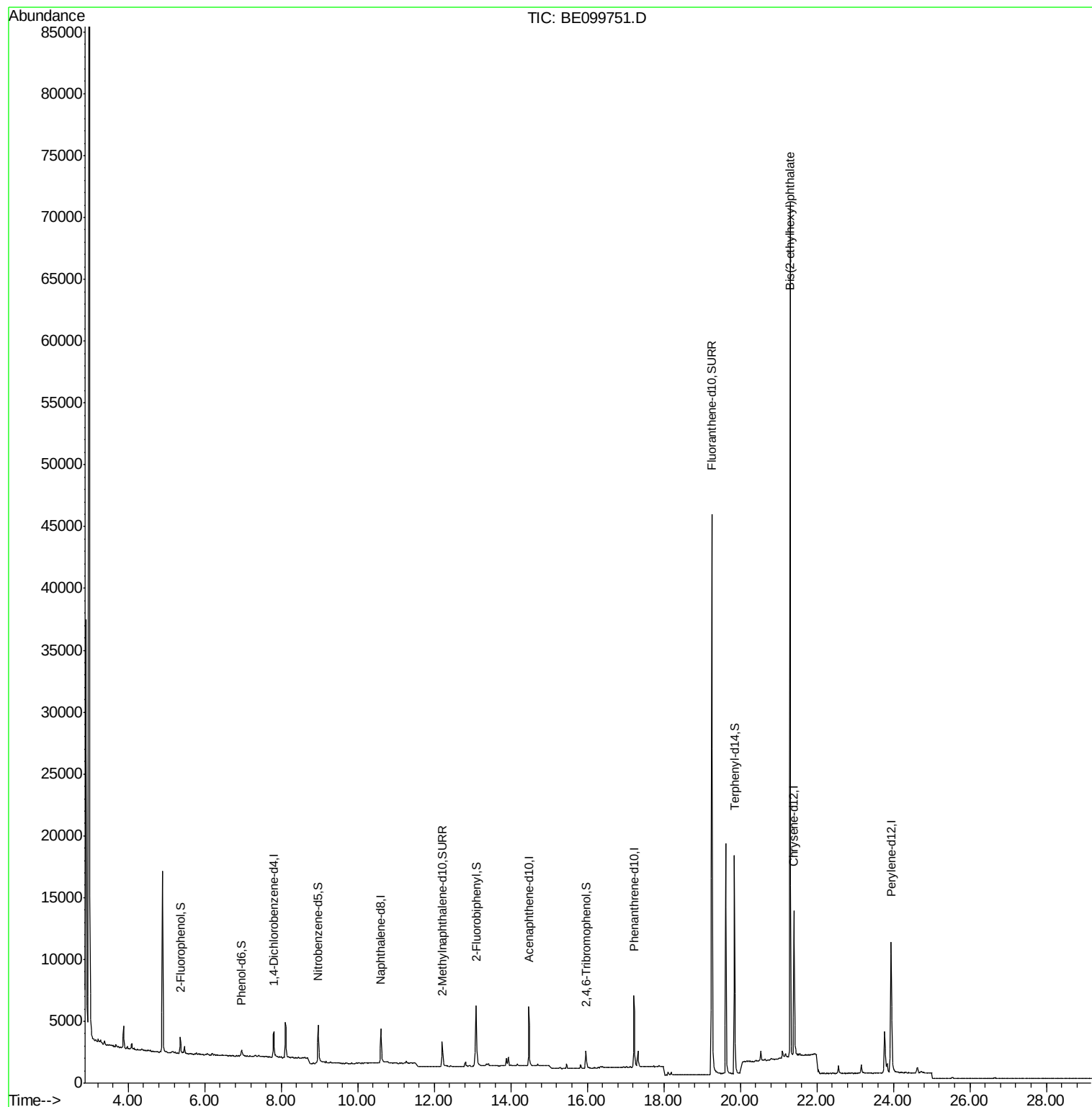
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1249	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4201	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3111	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	9857	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15037	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17639	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	783	0.25	ng	-0.01
5) Phenol-d6	6.96	99	607	0.15	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1695	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3114	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1078	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6308	0.53	ng	0.00
25) Fluoranthene-d10	19.25	212	66891	0.50	ng	-0.01
29) Terphenyl-d14	19.85	244	16643	0.62	ng	-0.02
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.31	149	70016	1.422	ng	99

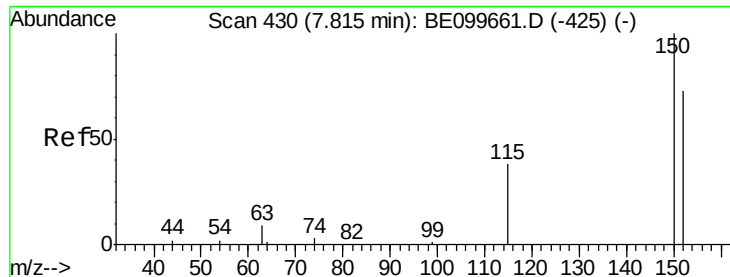
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099751.D

Acq: 24 May 2019 20:24

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BNA_E

ClientSampleId :

OUTFALL001-WK-4

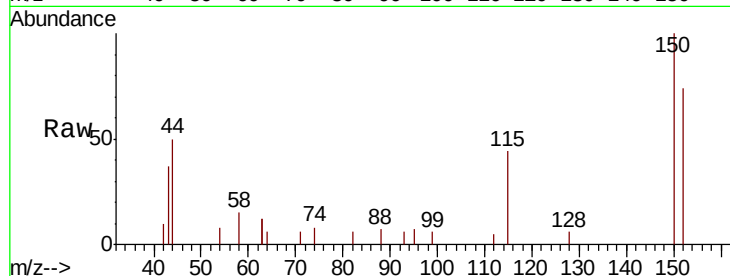
Tot Ion:152 Resp: 1249

Ion Ratio Lower Upper

152 100

150 134.5 109.2 163.8

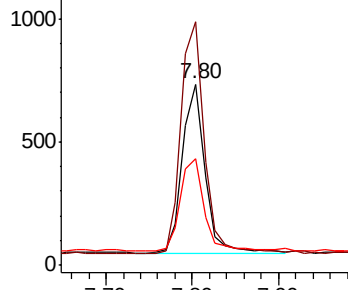
115 58.9 43.7 65.5



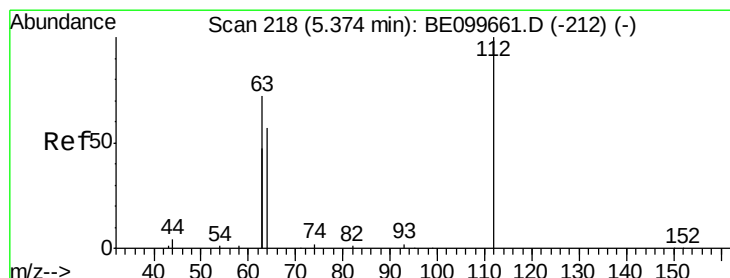
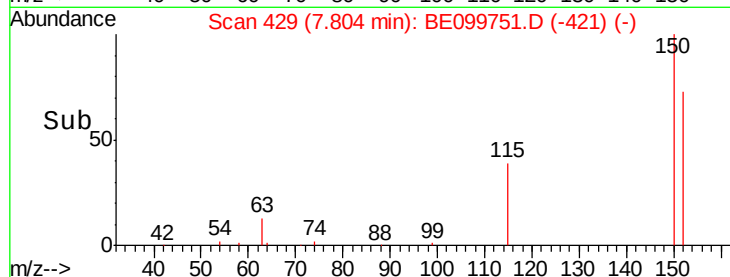
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#4

2-Fluorophenol

Concen: 0.248 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

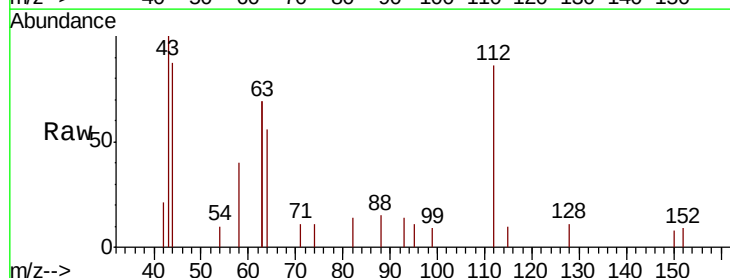
Tgt Ion:112 Resp: 783

Ion Ratio Lower Upper

112 100

64 57.0 43.4 65.2

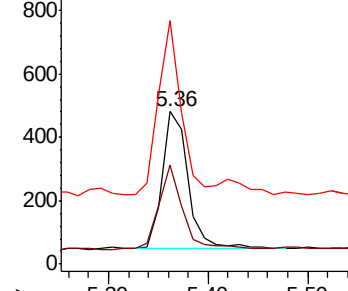
63 112.9 96.9 145.3



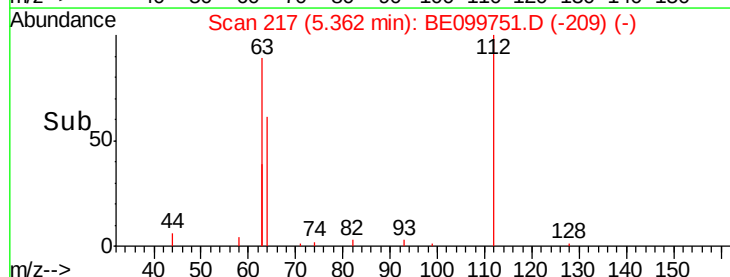
Abundance Ion 112.00 (111.70 to 112.70): E

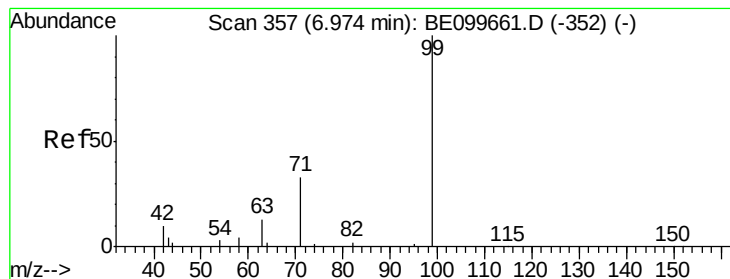
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.145 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

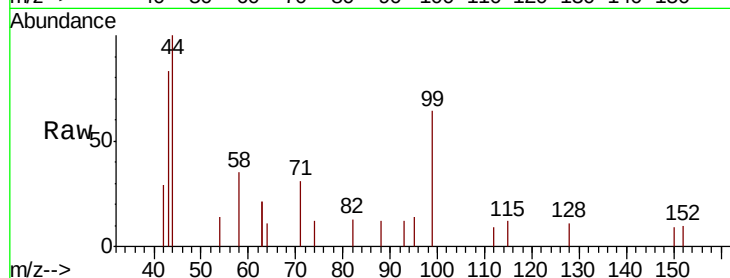
Tot Ion: 99 Resp: 607

Ion Ratio Lower Upper

99 100

42 19.1 12.2 18.2#

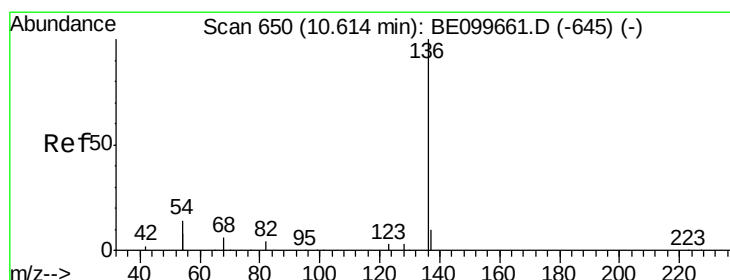
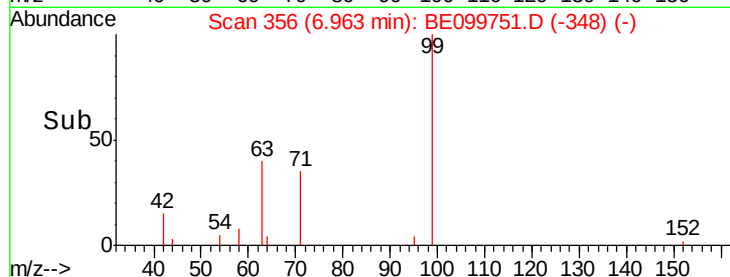
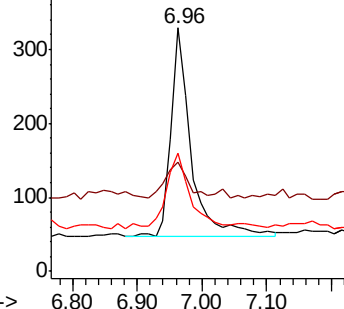
71 44.6 28.9 43.3#



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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Tgt Ion: 136 Resp: 4201

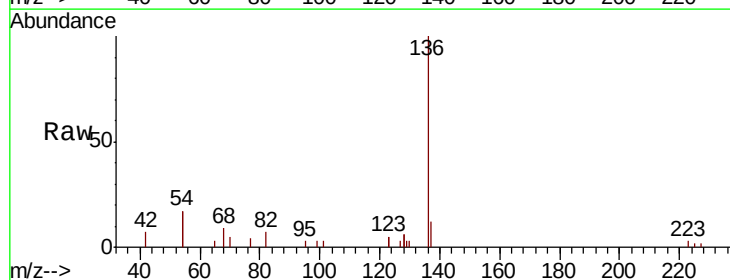
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 34.5 22.3 33.5#

68 9.5 6.0 9.0#

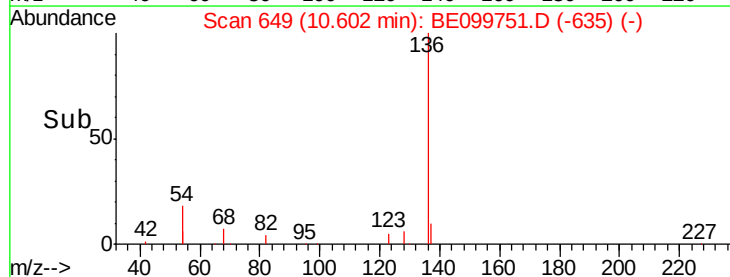
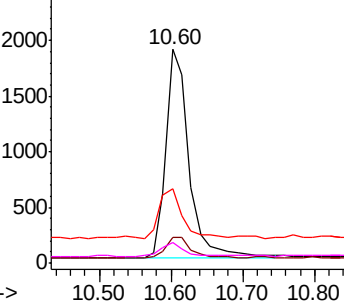


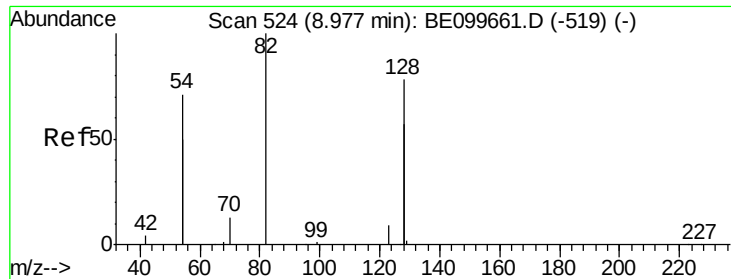
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.466 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

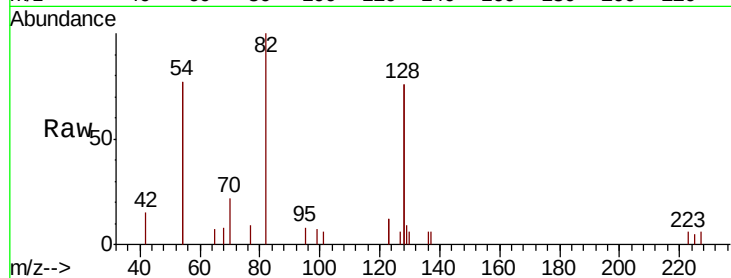
Tot Ion: 82 Resp: 1695

Ion Ratio Lower Upper

82 100

128 151.1 117.7 176.5

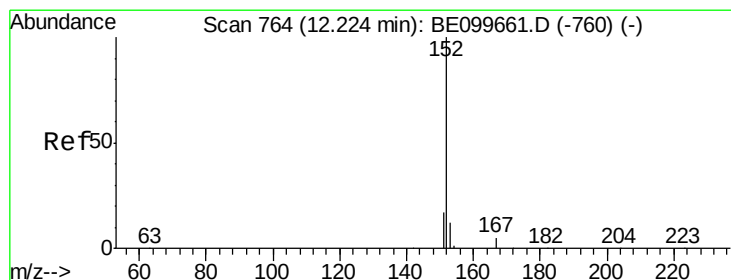
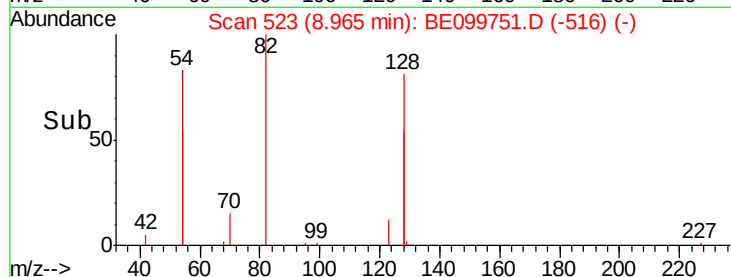
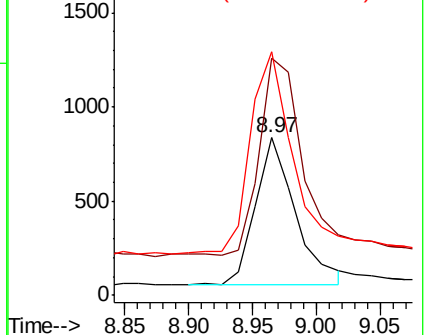
54 154.7 106.6 160.0



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: 0.430 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099751.D

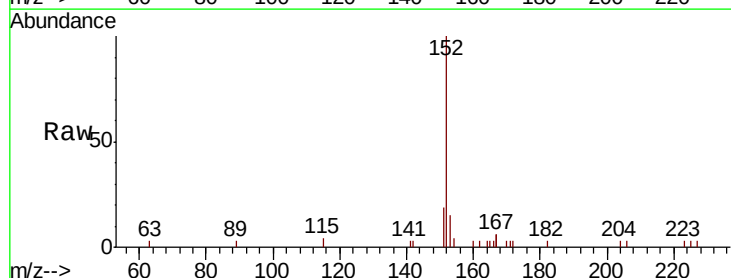
Acq: 24 May 2019 20:24

Tgt Ion: 152 Resp: 3114

Ion Ratio Lower Upper

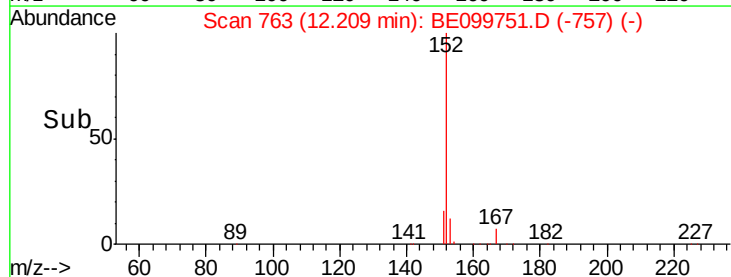
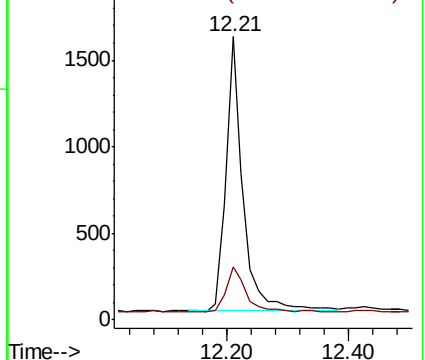
152 100

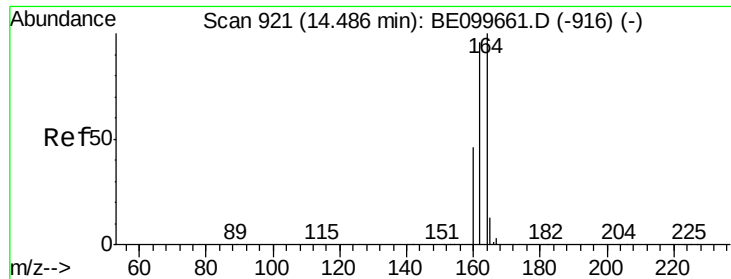
151 20.0 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

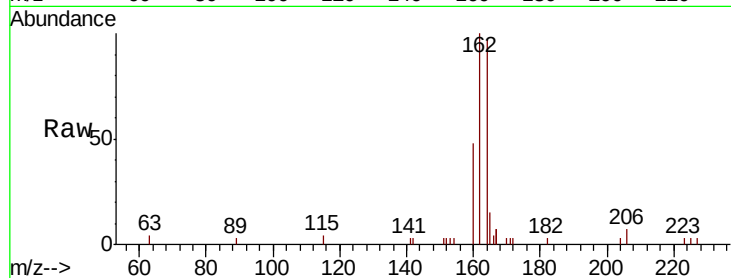




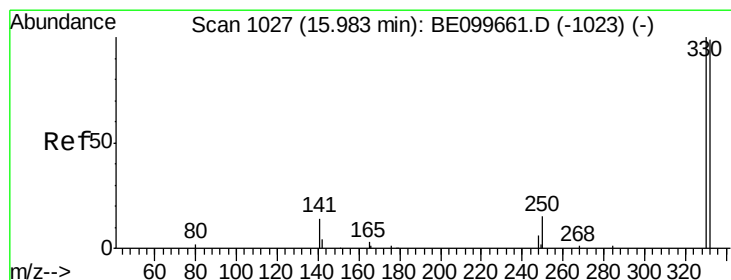
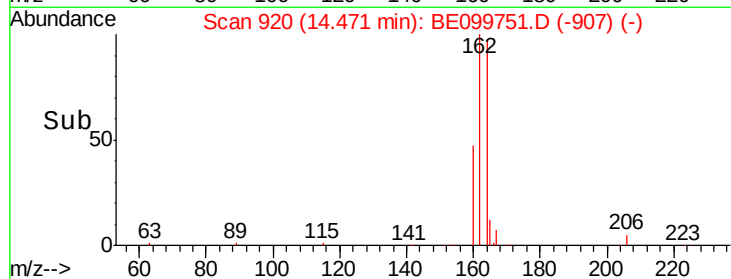
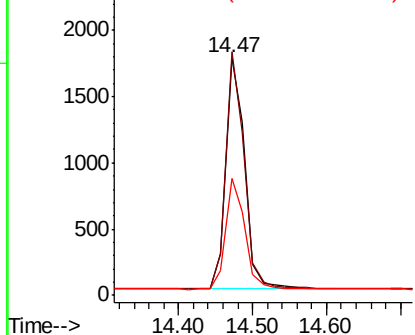
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099751.D
Acq: 24 May 2019 20:24

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-4

Tot Ion:164 Resp: 3111
Ion Ratio Lower Upper
164 100
162 102.6 76.5 114.7
160 49.4 37.4 56.2

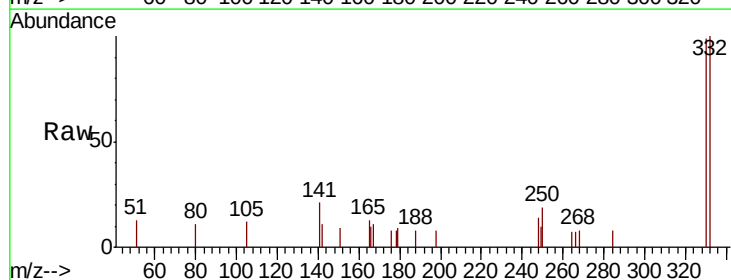


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

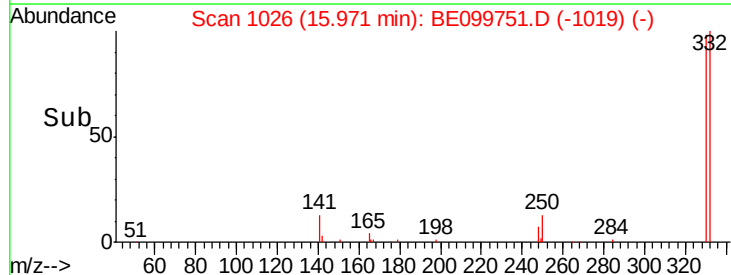
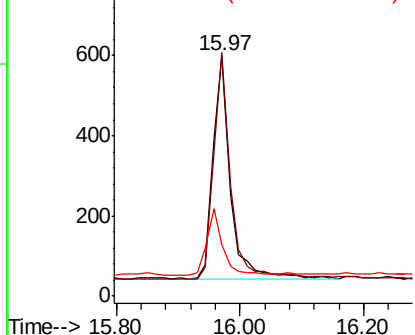


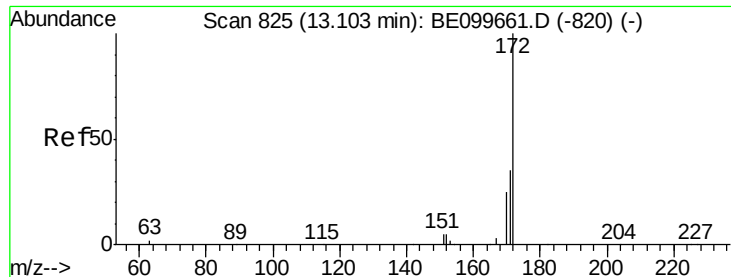
#14
2,4,6-Tribromophenol
Concen: 0.578 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099751.D
Acq: 24 May 2019 20:24

Tgt Ion:330 Resp: 1078
Ion Ratio Lower Upper
330 100
332 100.2 77.3 115.9
141 27.0 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

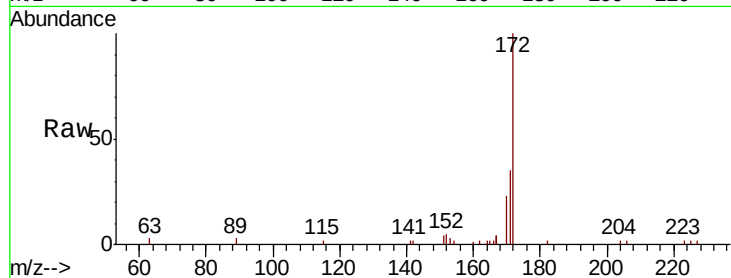




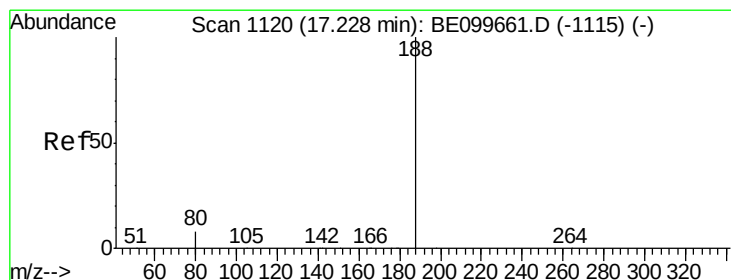
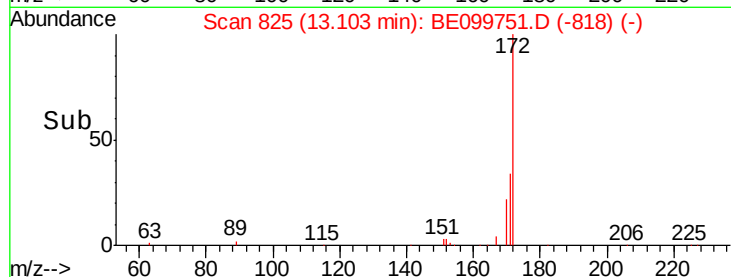
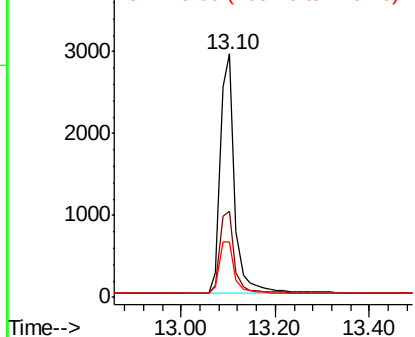
#15
2-Fluorobiphenyl
Concen: 0.534 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099751.D
Acq: 24 May 2019 20:24

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-4

Tot Ion:172 Resp: 6308
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.0 20.9 31.3

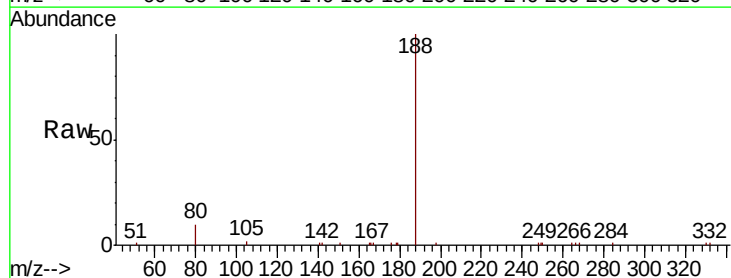


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

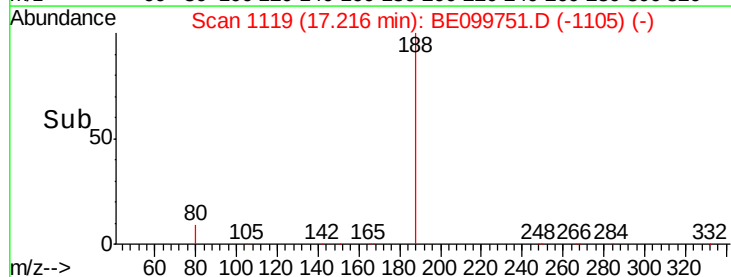
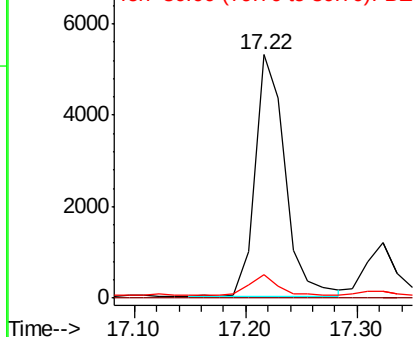


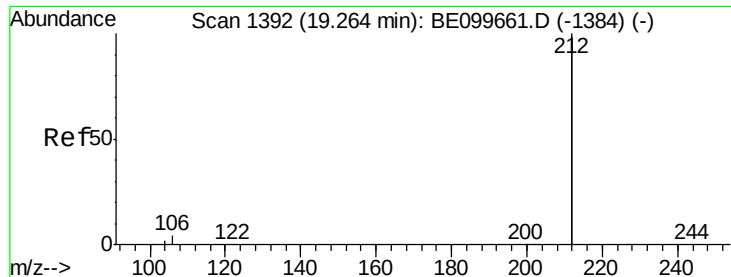
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099751.D
Acq: 24 May 2019 20:24

Tgt Ion:188 Resp: 9857
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 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: 0.497 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

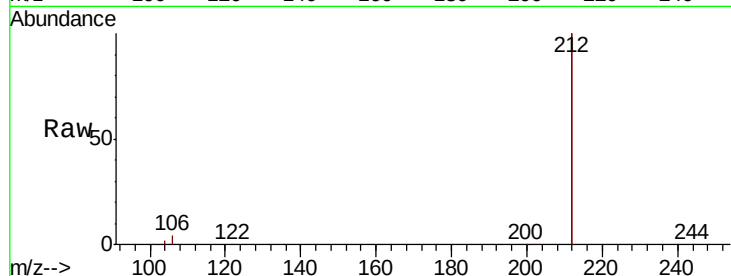
Tot Ion:212 Resp: 66891

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

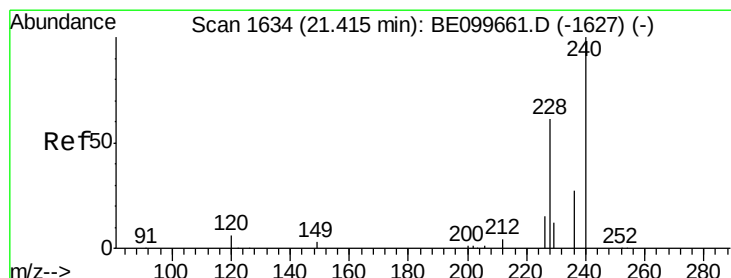
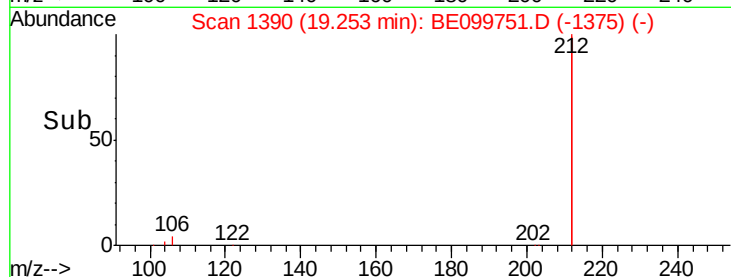
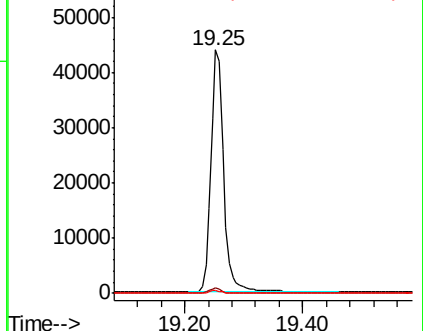
104 1.1 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

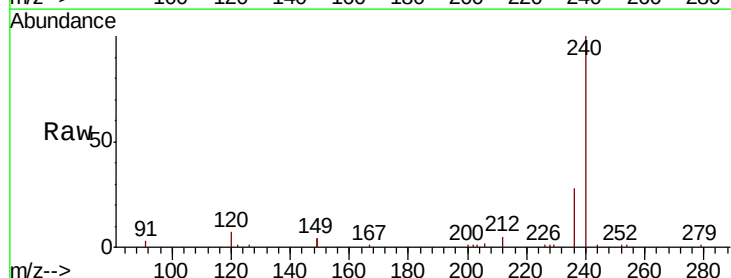
Tgt Ion:240 Resp: 15037

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

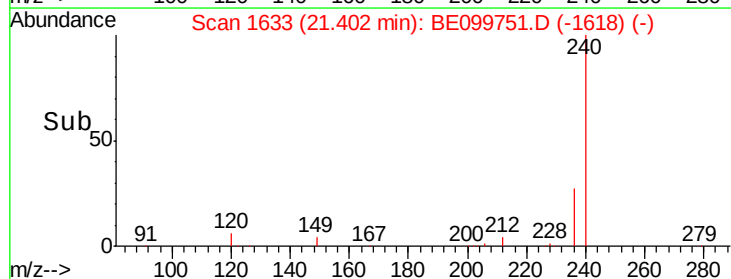
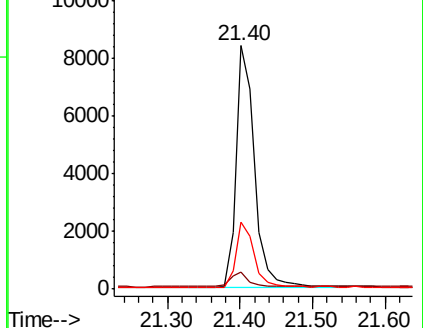
236 27.7 21.7 32.5

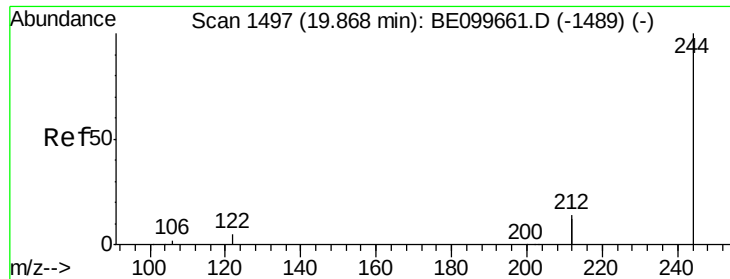


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.620 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099751.D

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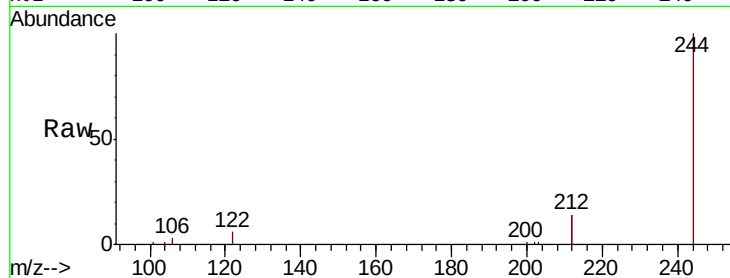
Tot Ion:244 Resp: 16643

Ion Ratio Lower Upper

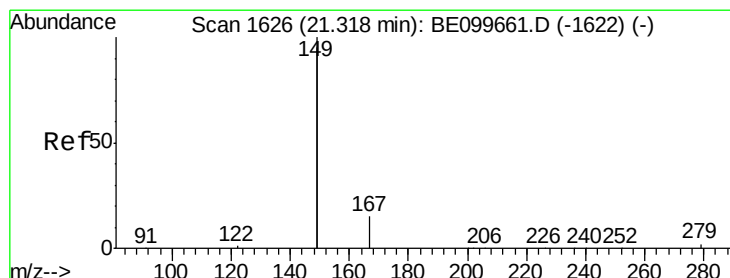
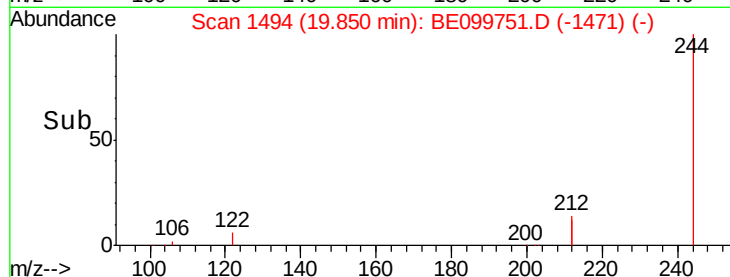
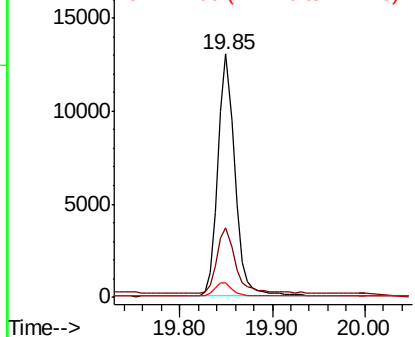
244 100

212 28.8 22.5 33.7

122 6.1 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: 1.422 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

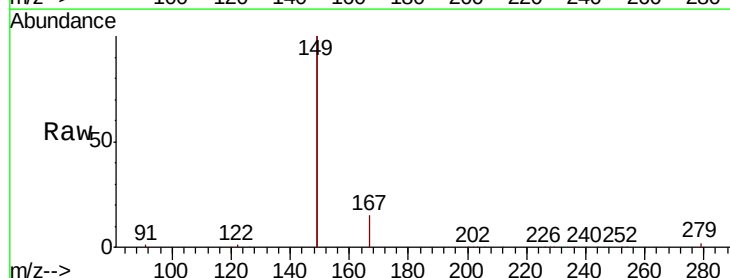
Tgt Ion:149 Resp: 70016

Ion Ratio Lower Upper

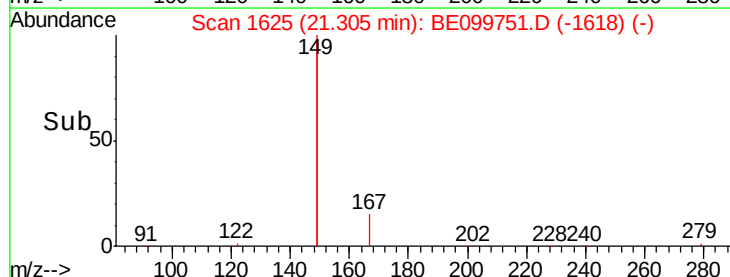
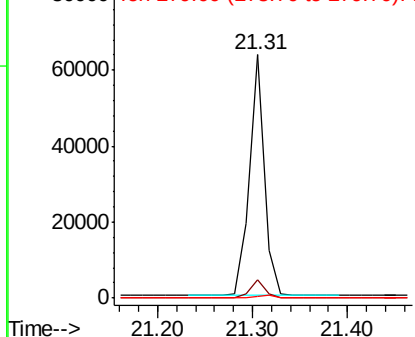
149 100

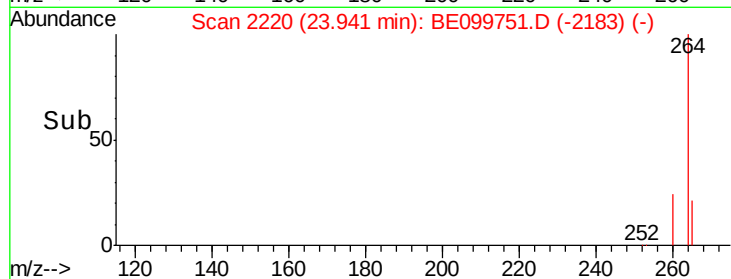
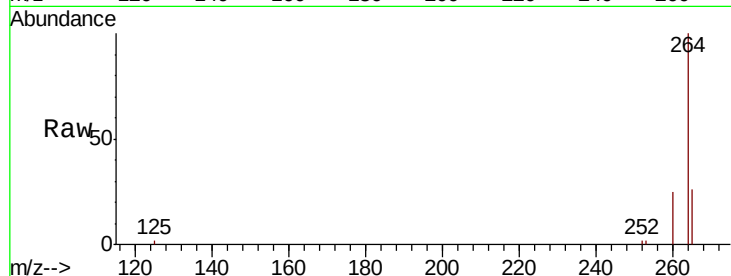
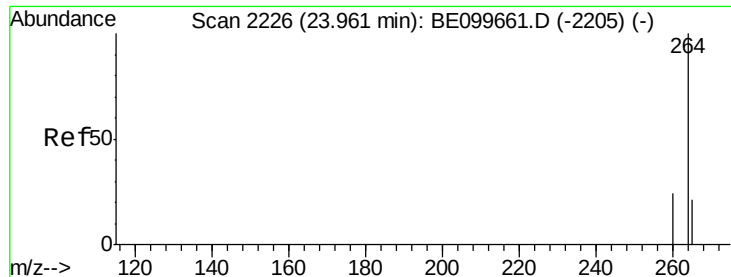
167 7.5 6.2 9.4

279 1.3 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

Pervlone-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

Tot Ion:264 Resp: 17639

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 26.1 19.1 28.7

