

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099752.D
 Acq On : 24 May 2019 20:59
 Operator : JU/SJ
 Sample : K2999-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190521

Quant Time: May 24 22:06:32 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

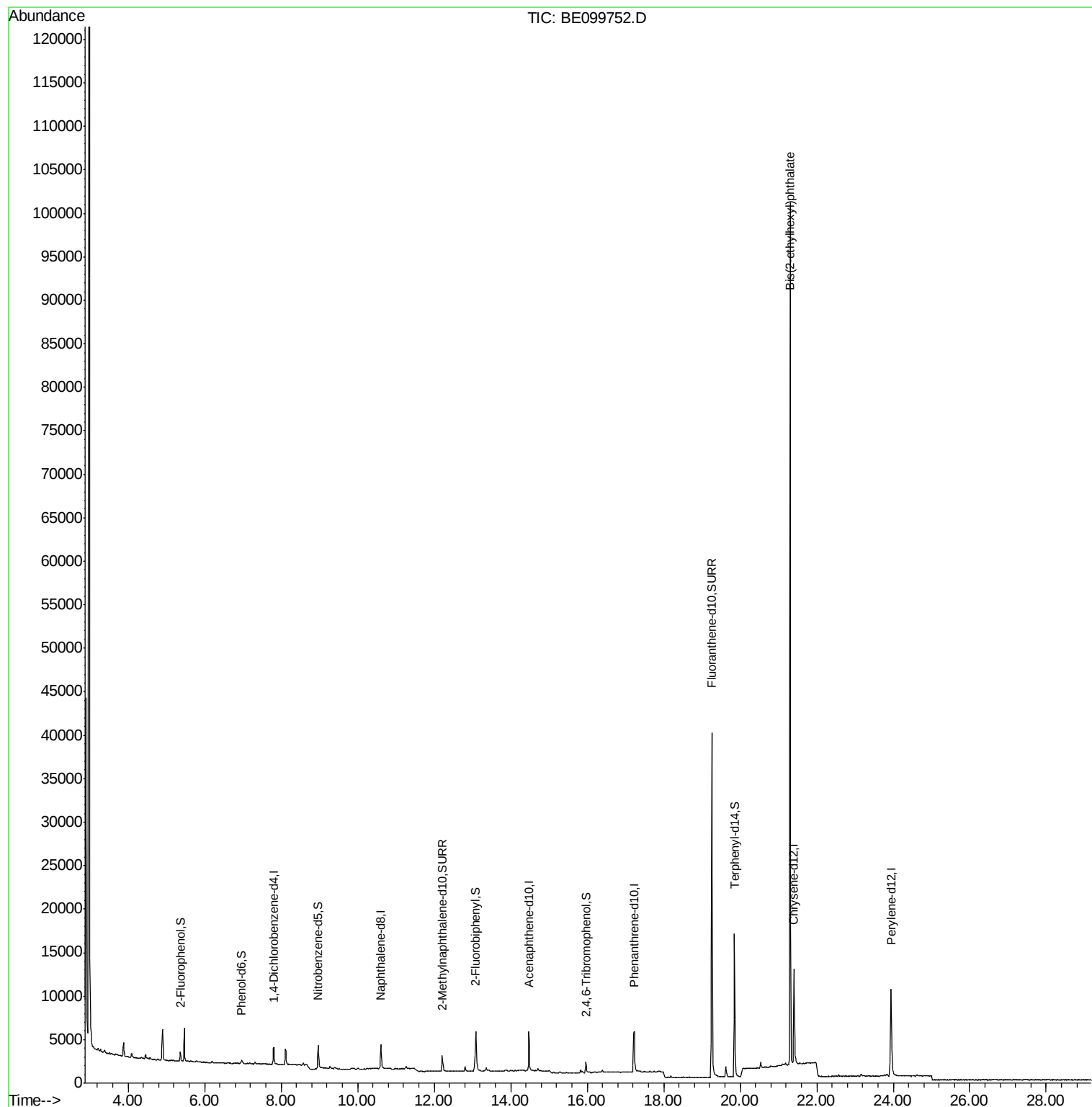
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1204	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	3993	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3028	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	9003	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14106	0.40	ng	-0.01
34) Perylene-d12	23.94	264	16664	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	623	0.20	ng	-0.01
5) Phenol-d6	6.96	99	455	0.11	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1535	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2904	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1030	0.57	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5569	0.48	ng	-0.01
25) Fluoranthene-d10	19.25	212	59028	0.48	ng	-0.01
29) Terphenyl-d14	19.85	244	16513	0.66	ng	-0.02
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.31	149	103308	2.236	ng	99

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

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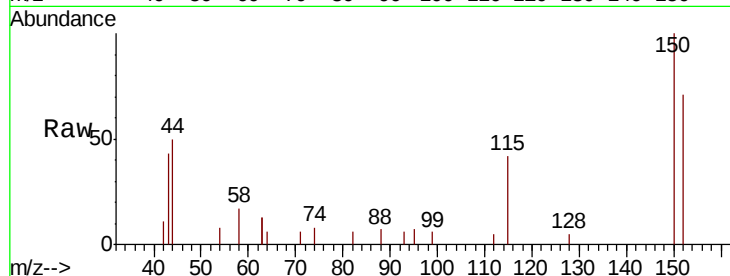


#1

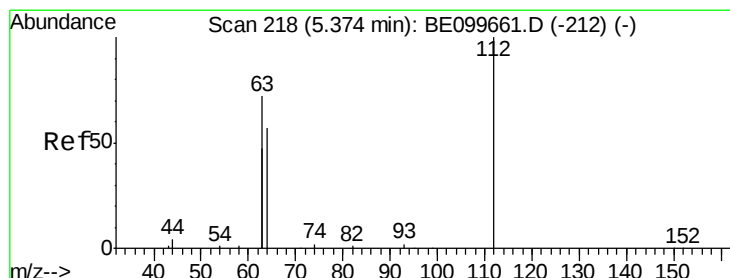
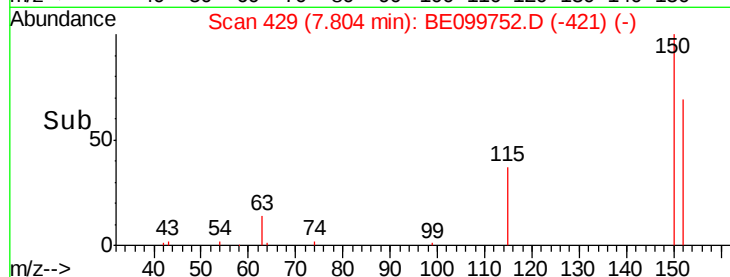
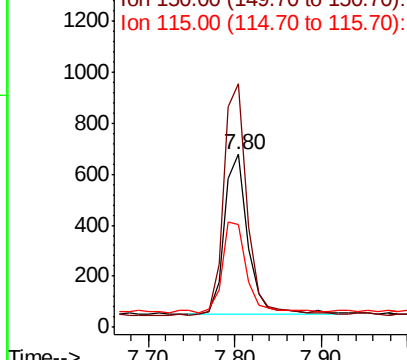
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tot Ion:152 Resp: 1204
Ion Ratio Lower Upper
152 100
150 140.7 109.2 163.8
115 59.1 43.7 65.5



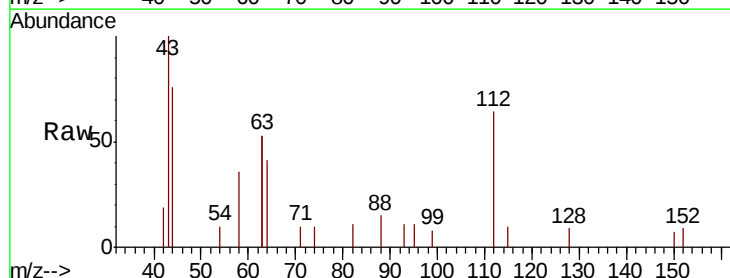
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



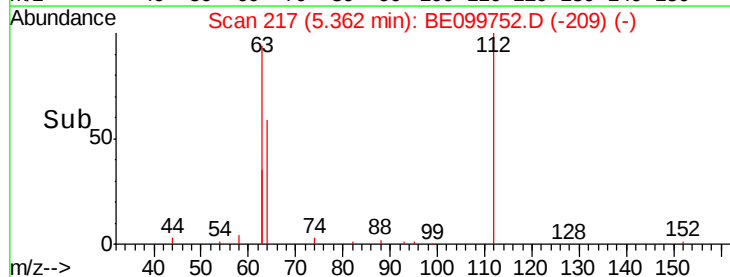
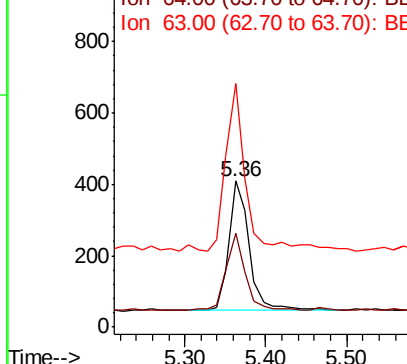
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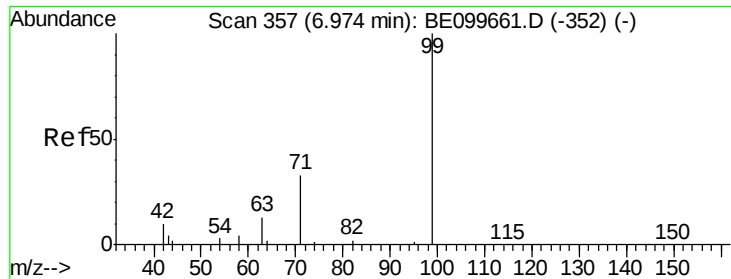
2-Fluorophenol
Concen: 0.205 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:112 Resp: 623
Ion Ratio Lower Upper
112 100
64 56.7 43.4 65.2
63 131.8 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: 0.113 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190521

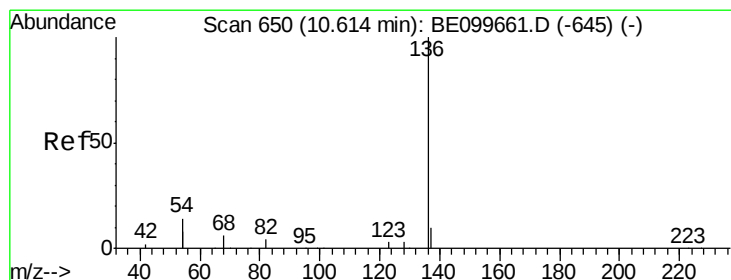
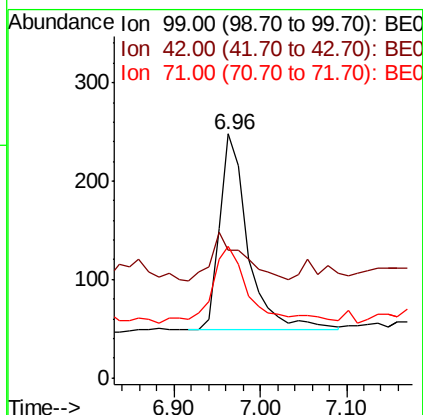
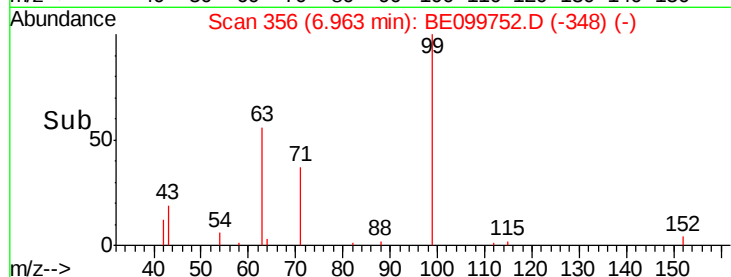
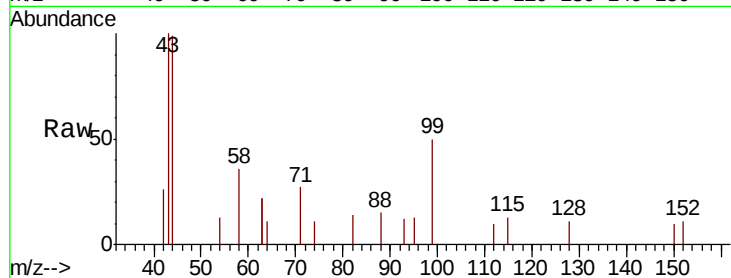
Tot Ion: 99 Resp: 455

Ion Ratio Lower Upper

99 100

42 27.5 12.2 18.2#

71 52.1 28.9 43.3#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Tgt Ion: 136 Resp: 3993

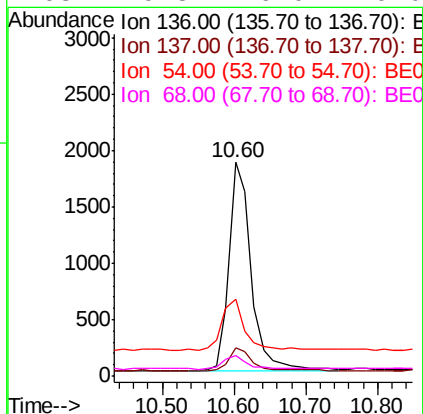
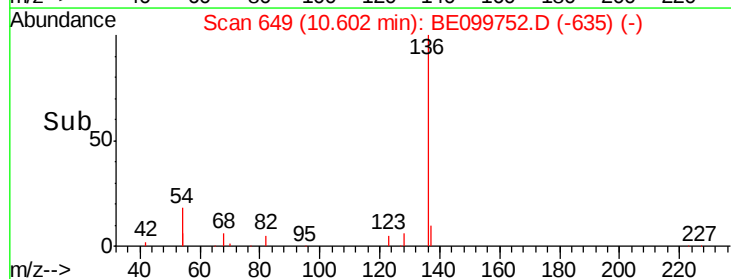
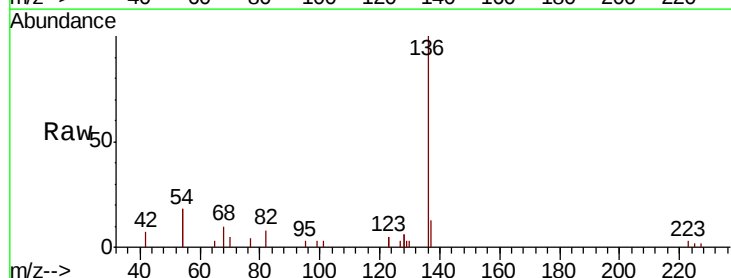
Ion Ratio Lower Upper

136 100

137 12.9 9.0 13.6

54 35.9 22.3 33.5#

68 9.8 6.0 9.0#

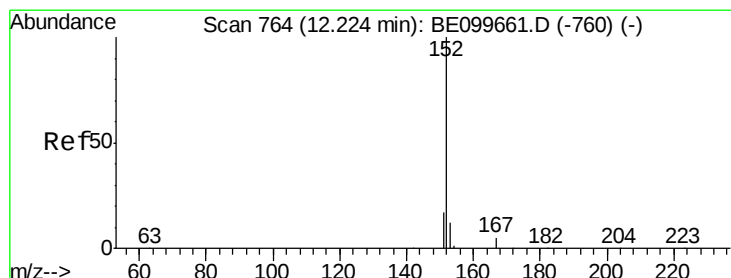
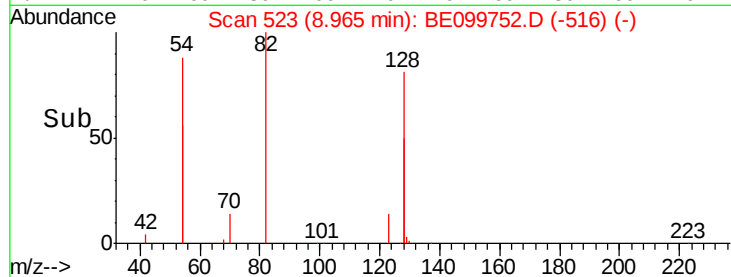
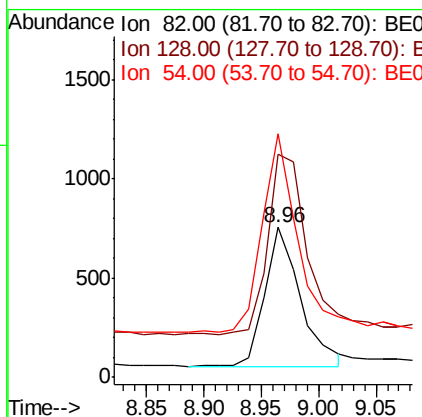
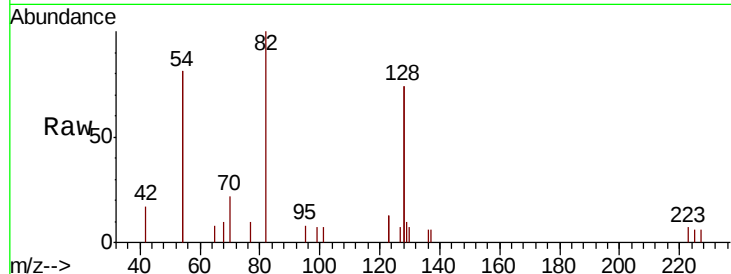




#8
 Nitrobenzene-d5
 Concen: 0.444 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BE099752.D
 Acq: 24 May 2019 20:59

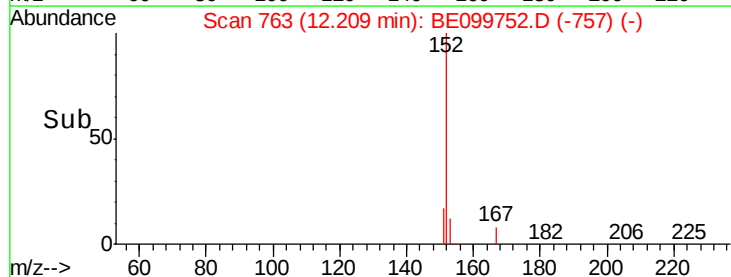
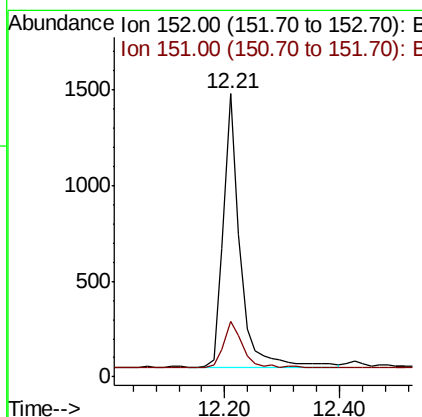
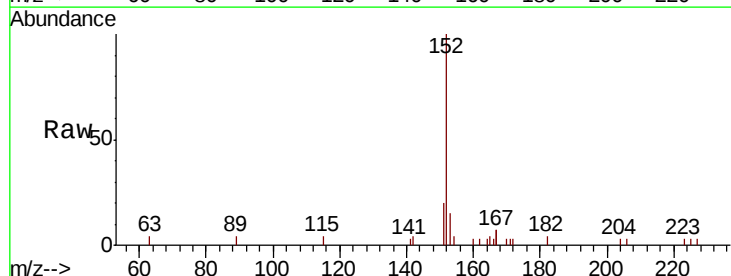
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190521

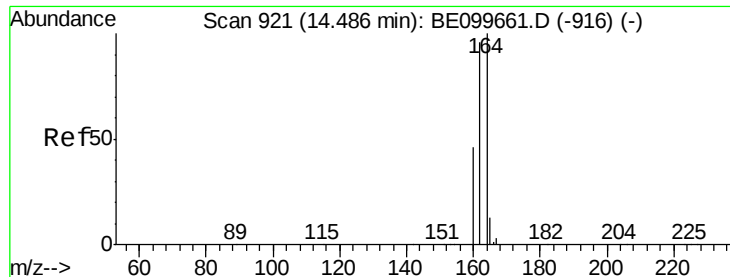
Tot Ion	82	Resp	1535
Ion Ratio	Lower	Upper	
82	100		
128	148.9	117.7	176.5
54	162.4	106.6	160.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.421 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099752.D
 Acq: 24 May 2019 20:59

Tgt Ion	152	Resp	2904
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.0	22.4

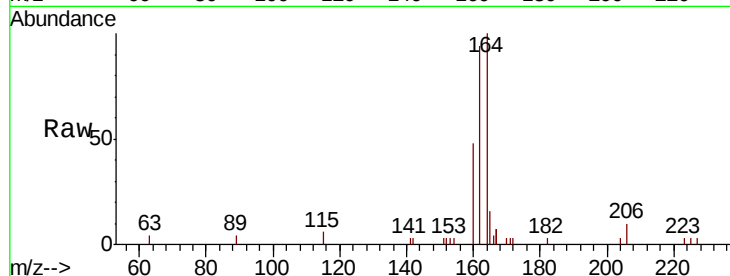




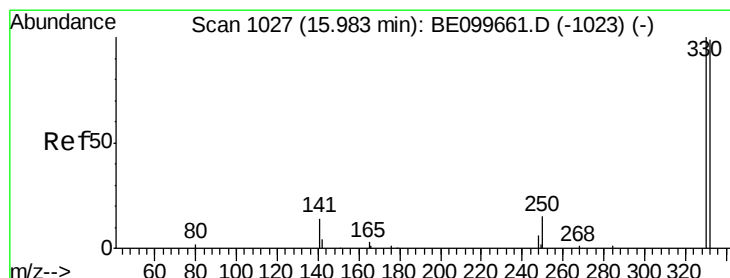
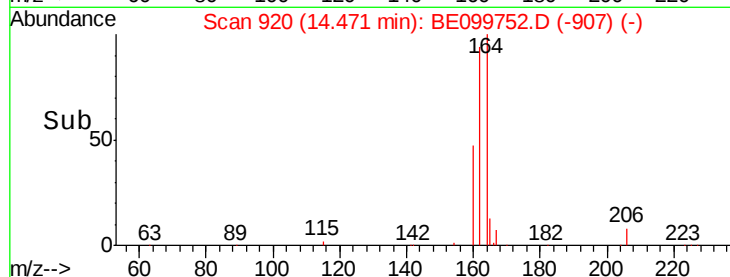
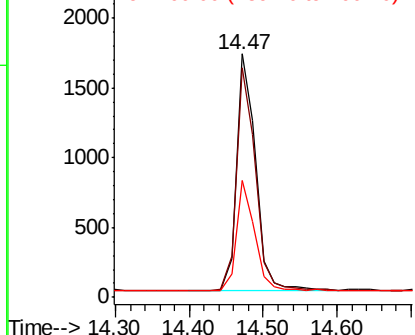
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099752.D
 Acq: 24 May 2019 20:59

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190521

Tot Ion:164 Resp: 3028
 Ion Ratio Lower Upper
 164 100
 162 94.0 76.5 114.7
 160 48.0 37.4 56.2

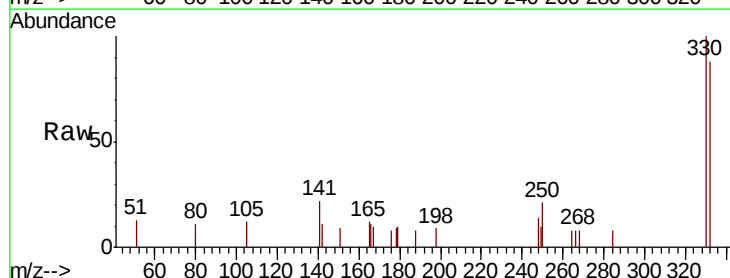


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

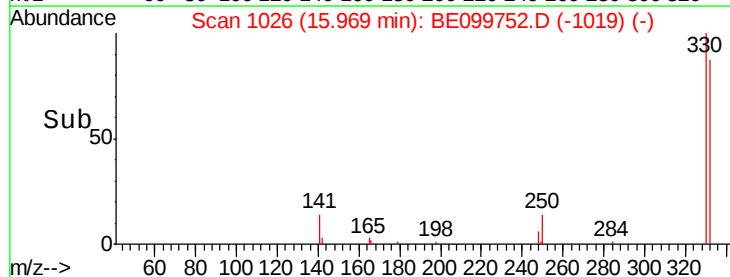
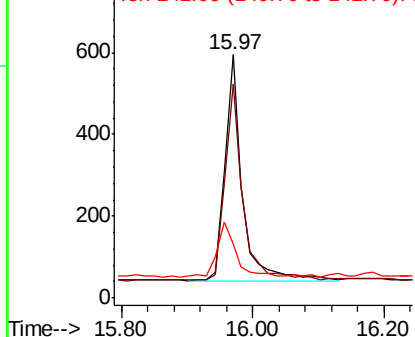


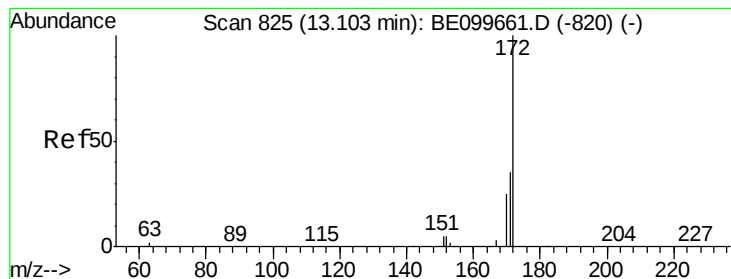
#14
 2,4,6-Tribromophenol
 Concen: 0.570 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099752.D
 Acq: 24 May 2019 20:59

Tgt Ion:330 Resp: 1030
 Ion Ratio Lower Upper
 330 100
 332 88.5 77.3 115.9
 141 26.2 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

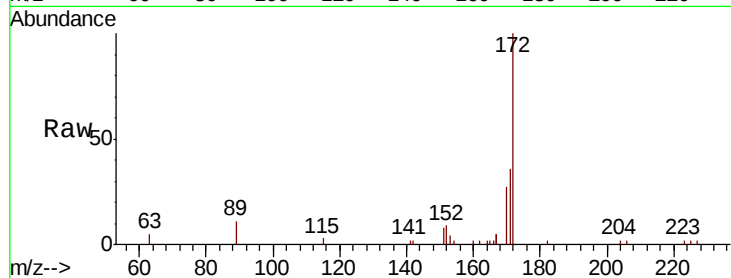




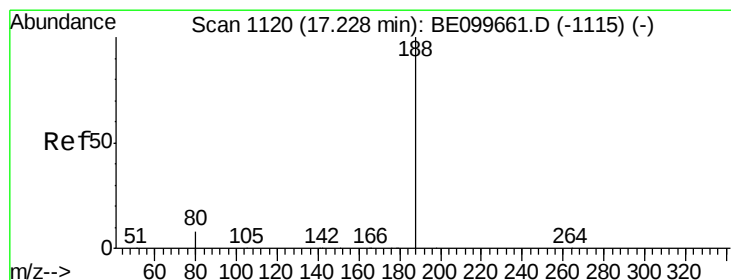
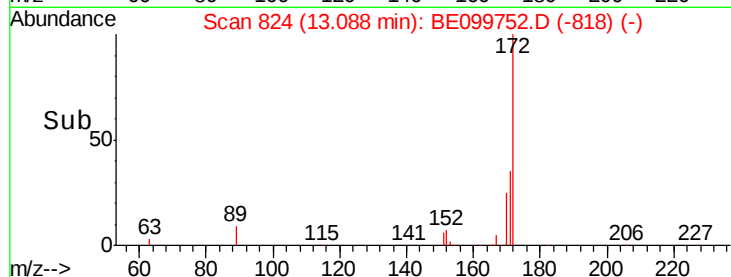
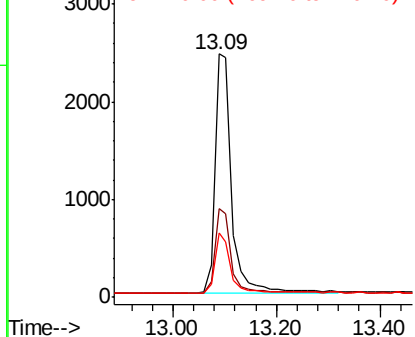
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tot Ion:172 Resp: 5569
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 26.5 20.9 31.3

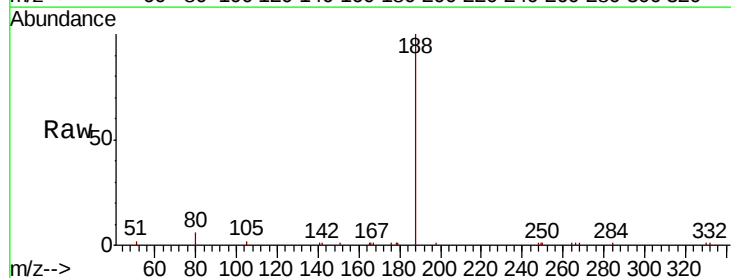


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

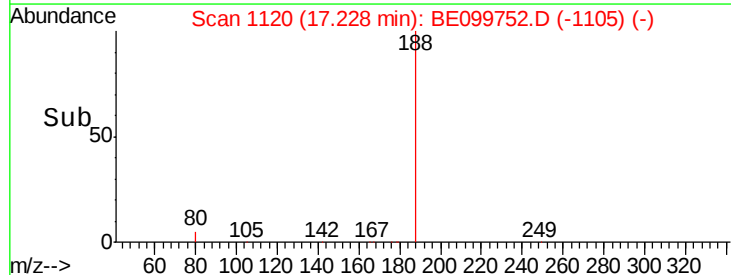
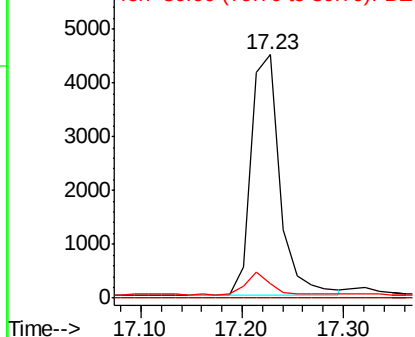


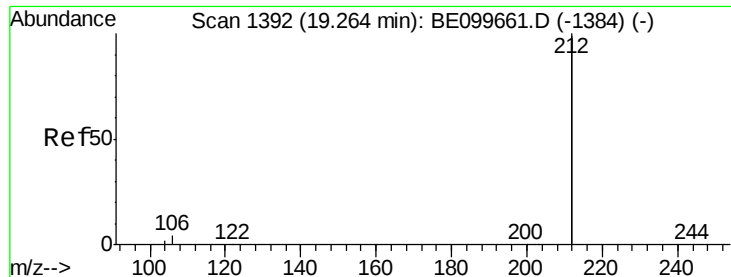
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:188 Resp: 9003
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.8 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: 0.480 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190521

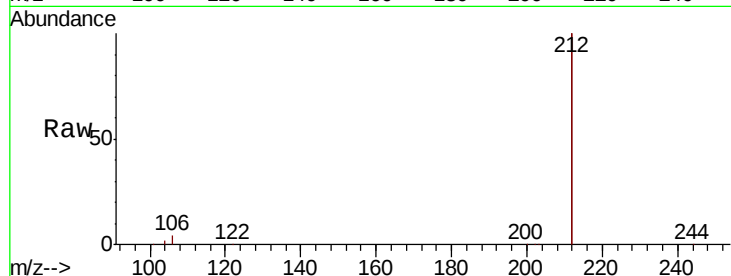
Tot Ion:212 Resp: 59028

Ion Ratio Lower Upper

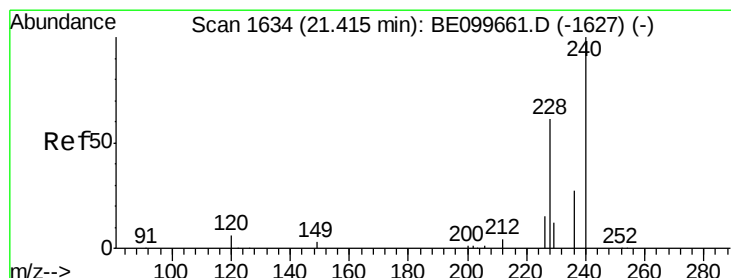
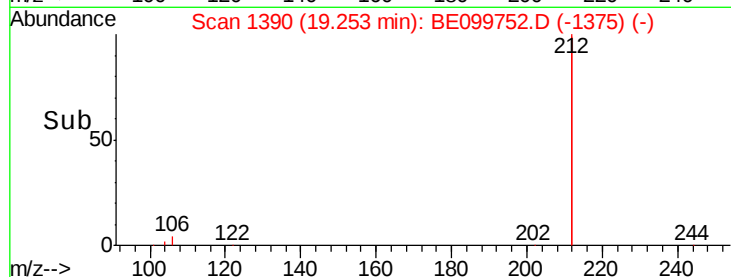
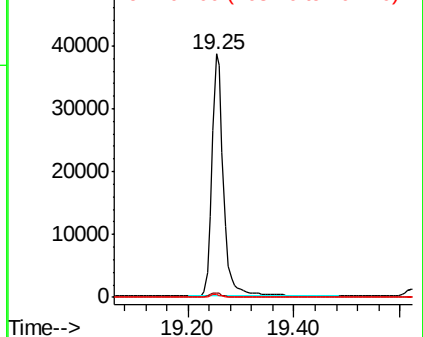
212 100

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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

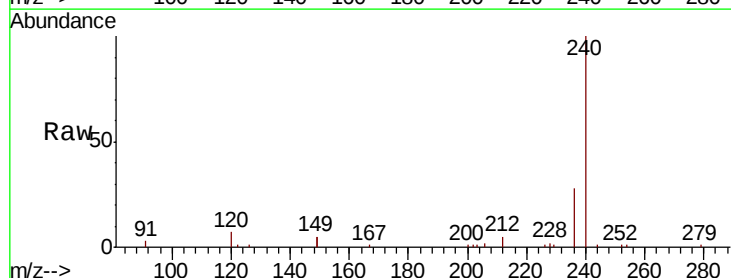
Tgt Ion:240 Resp: 14106

Ion Ratio Lower Upper

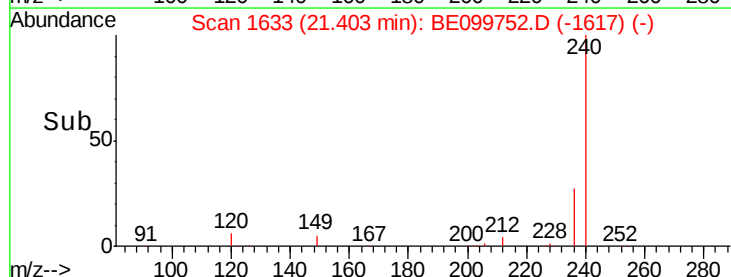
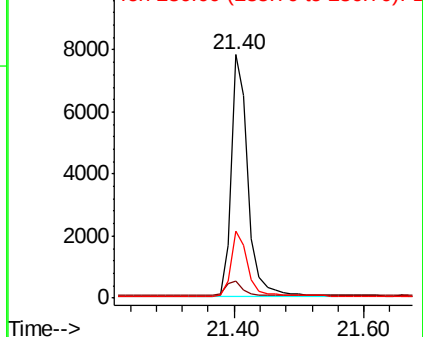
240 100

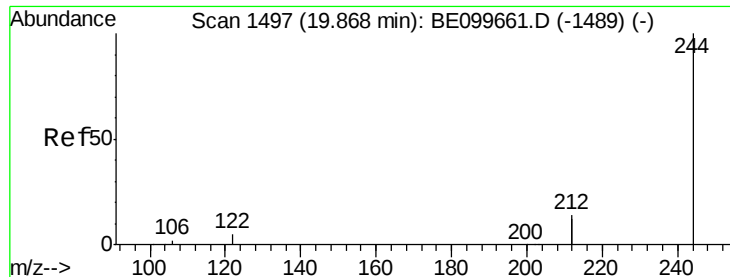
120 7.1 5.4 8.0

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: 0.656 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

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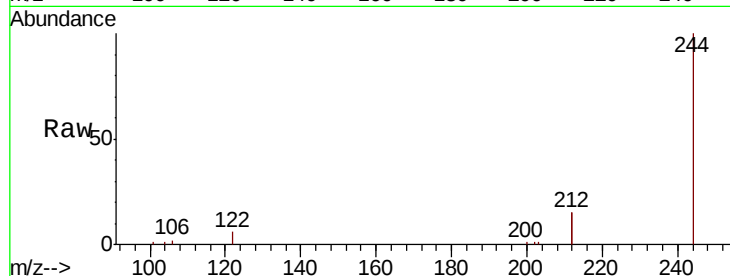
Tot Ion:244 Resp: 16513

Ion Ratio Lower Upper

244 100

212 29.2 22.5 33.7

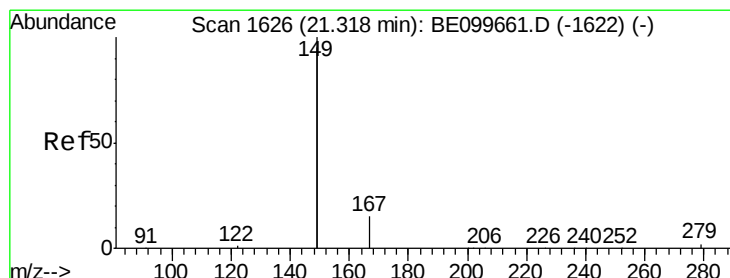
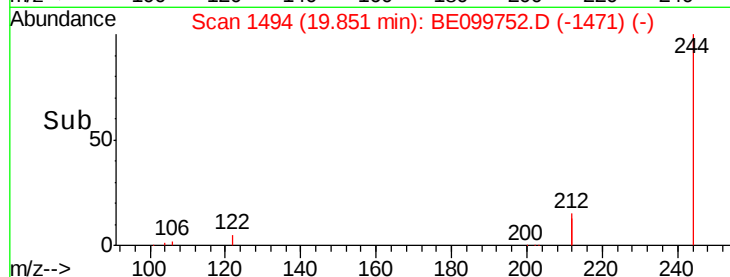
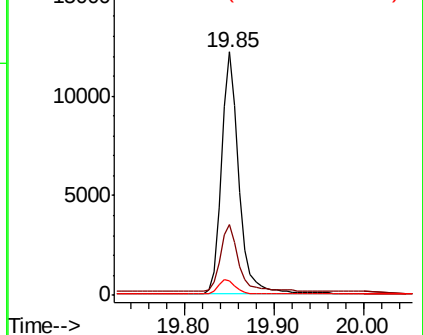
122 5.9 4.3 6.5



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: 2.236 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

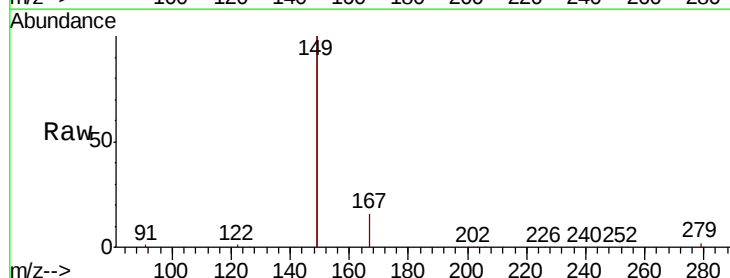
Tgt Ion:149 Resp: 103308

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

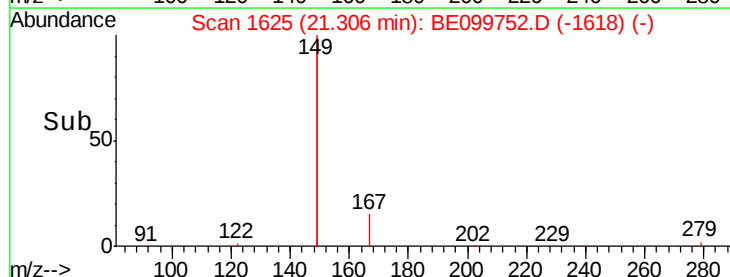
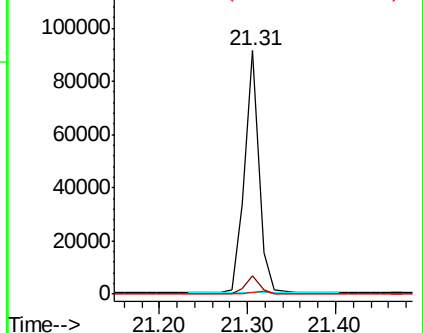
279 1.3 1.2 1.8

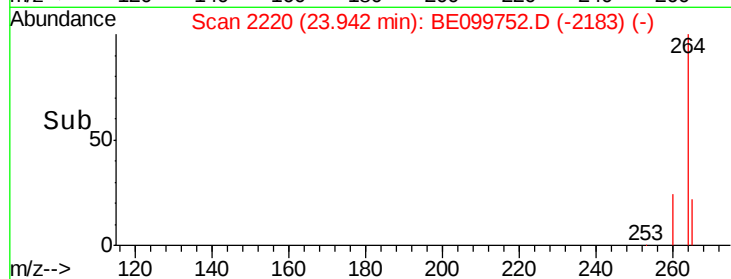
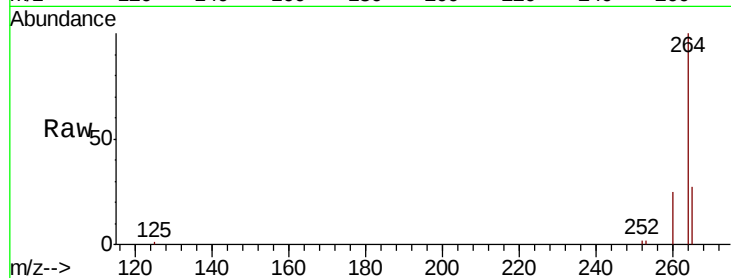
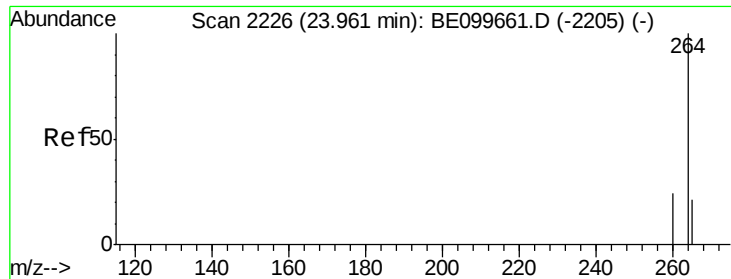


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190521

Tot Ion:264 Resp: 16664

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 26.8 19.1 28.7

