

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099935.D
 Acq On : 11 Jun 2019 21:47
 Operator : JU/SJ
 Sample : K3255-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190604

Quant Time: Jun 12 04:56:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

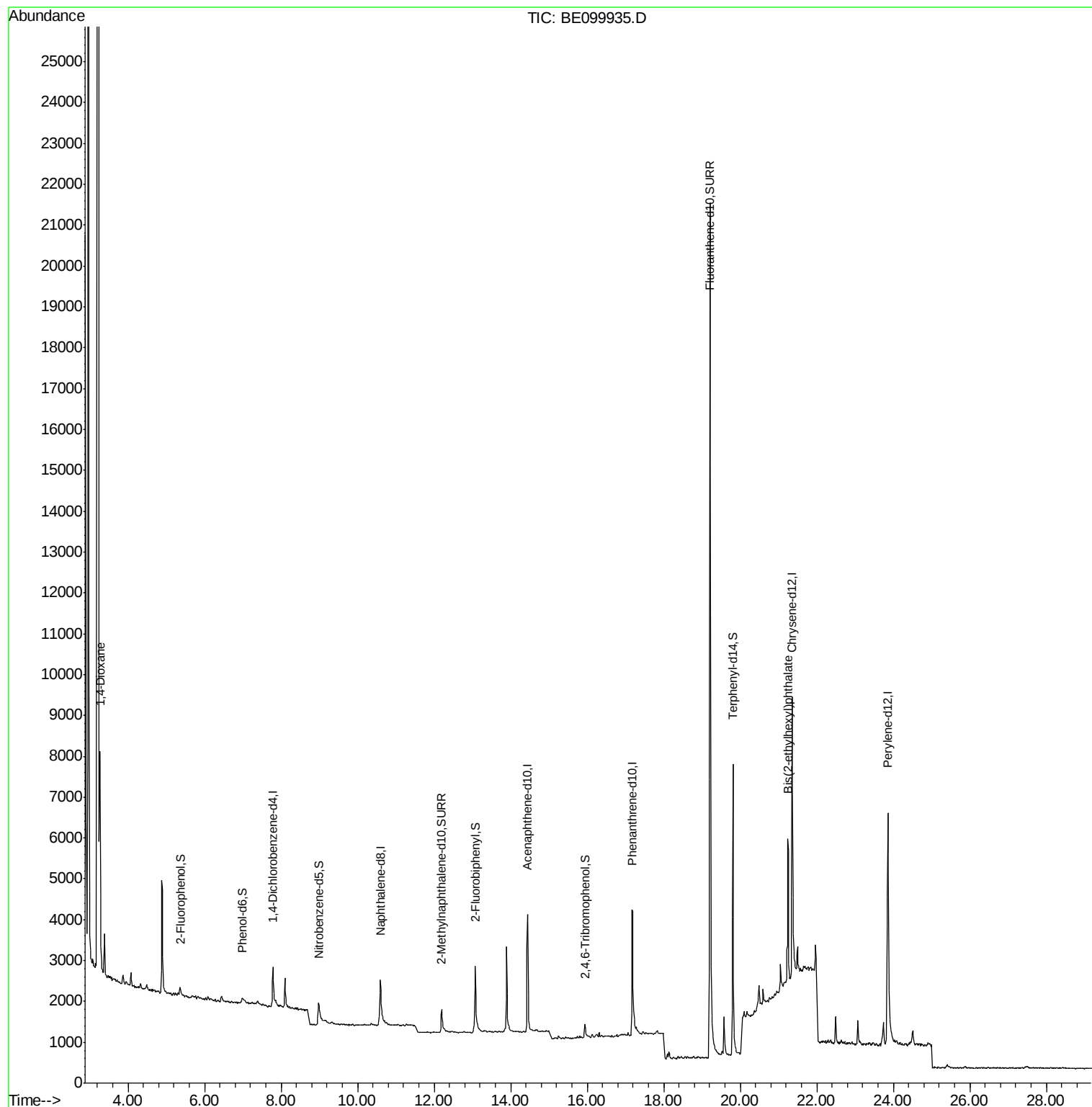
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	704	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2504	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2131	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	6875	0.40	ng	-0.03
27) Chrysene-d12	21.35	240	9892	0.40	ng	-0.05
34) Perylene-d12	23.86	264	11086	0.40	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	236	0.12	ng	0.01
5) Phenol-d6	6.98	99	177	0.07	ng	0.01
8) Nitrobenzene-d5	8.98	82	642	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	1460	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	399	0.25	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	2610	0.32	ng	-0.03
25) Fluoranthene-d10	19.21	212	37198	0.37	ng	-0.04
29) Terphenyl-d14	19.80	244	8347	0.47	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.27	88	4134	3.968	ng	Qvalue 97
32) Bis(2-ethylhexyl)phthalate	21.25	149	6177	0.146	ng	# 99

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
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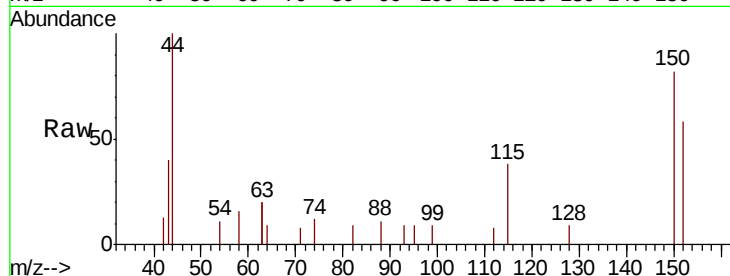


#1

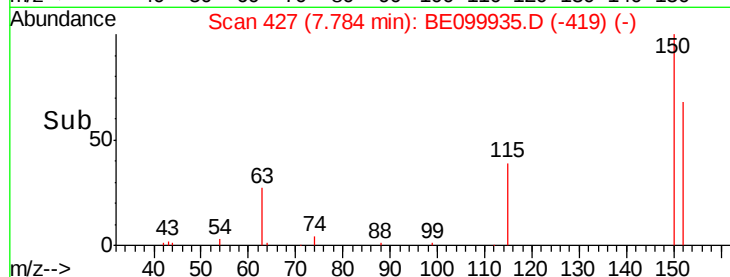
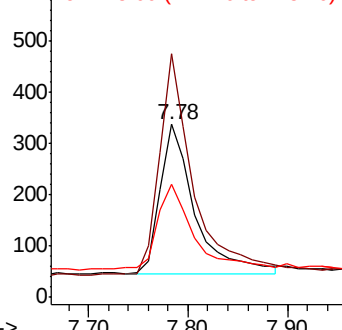
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099935.D
Acq: 11 Jun 2019 21:47

Instrument :
BNA_E
ClientSampleId :
RE122D1-20190604

Tot Ion:152 Resp: 704
Ion Ratio Lower Upper
152 100
150 140.9 111.0 166.6
115 65.6 50.7 76.1



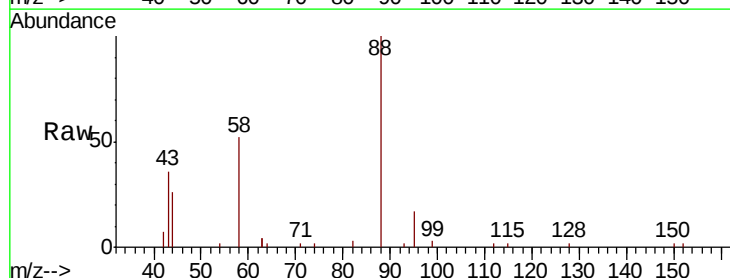
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



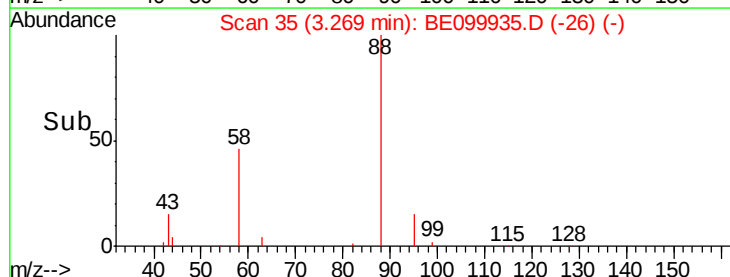
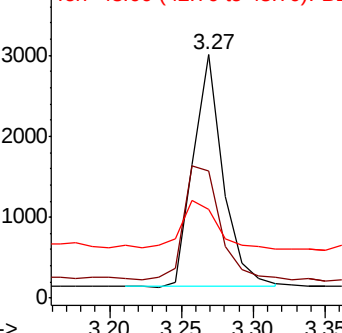
#2

1,4-Dioxane
Concen: 3.968 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099935.D
Acq: 11 Jun 2019 21:47

Tgt Ion: 88 Resp: 4134
Ion Ratio Lower Upper
88 100
58 58.2 48.8 73.2
43 24.4 19.0 28.6



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





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190604

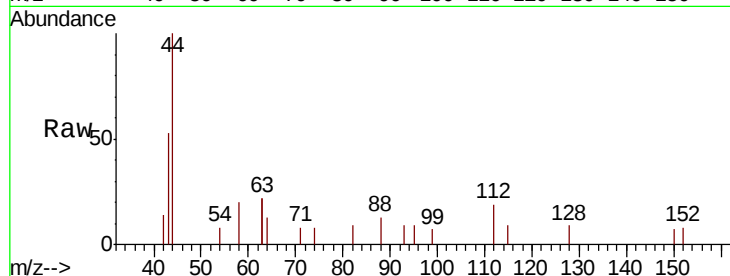
Tot Ion:112 Resp: 236

Ion Ratio Lower Upper

112 100

64 49.6 44.1 66.1

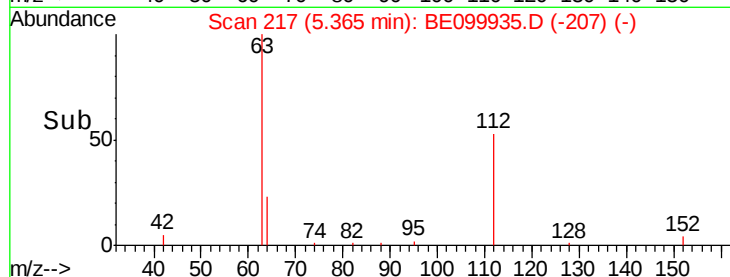
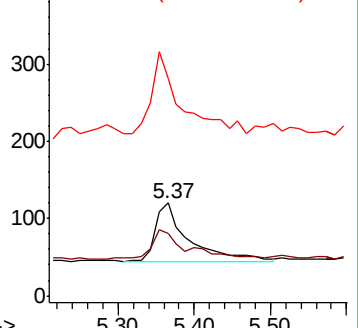
63 117.8 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.072 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

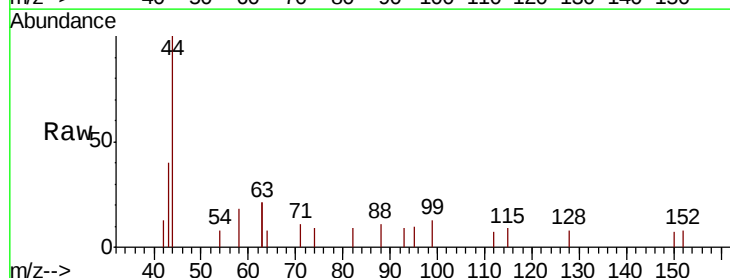
Tgt Ion: 99 Resp: 177

Ion Ratio Lower Upper

99 100

42 5.6 15.9 23.9#

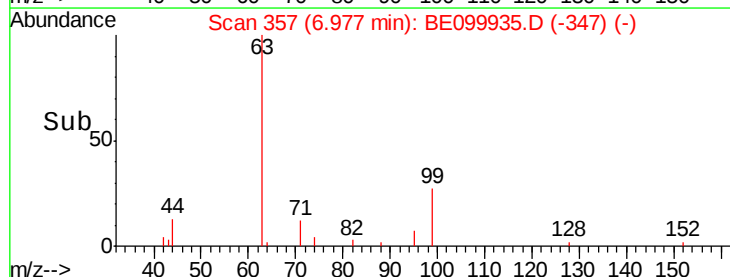
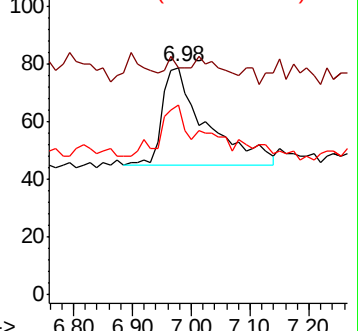
71 29.9 34.6 52.0#

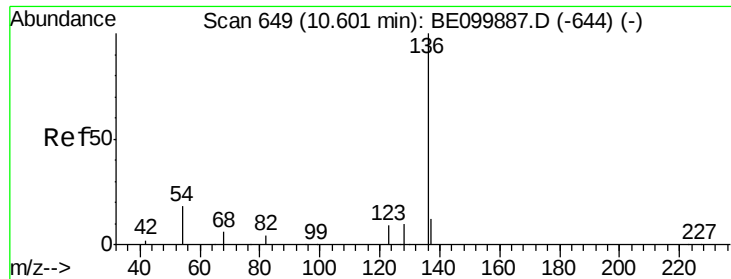


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190604

Tot Ion:136 Resp: 2504

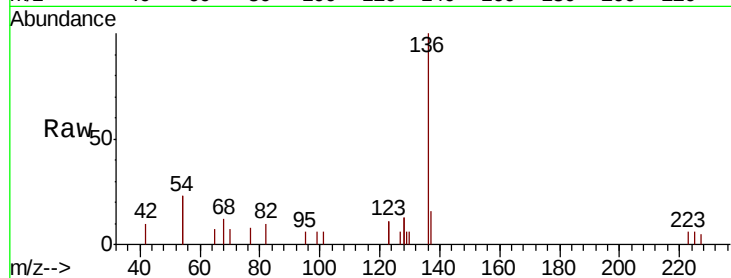
Ion Ratio Lower Upper

136 100

137 16.0 12.3 18.5

54 45.2 28.2 42.4#

68 11.7 7.8 11.8

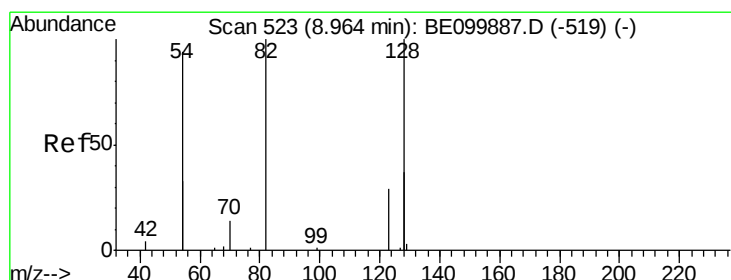
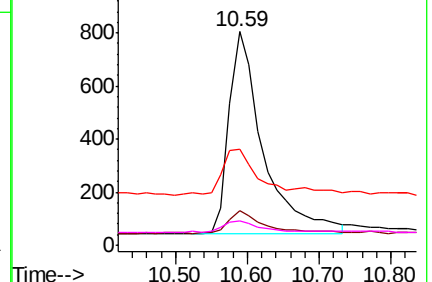
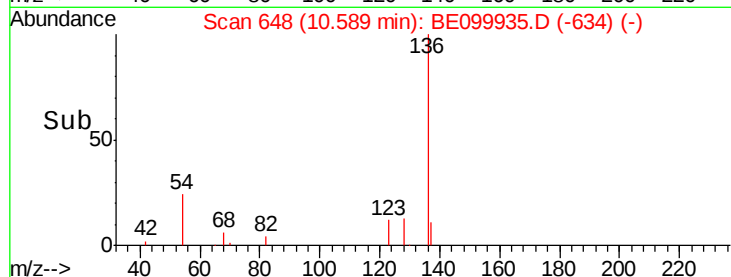


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.271 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

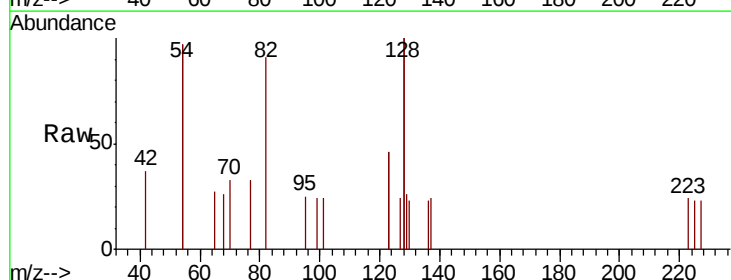
Tgt Ion: 82 Resp: 642

Ion Ratio Lower Upper

82 100

128 219.0 137.3 205.9#

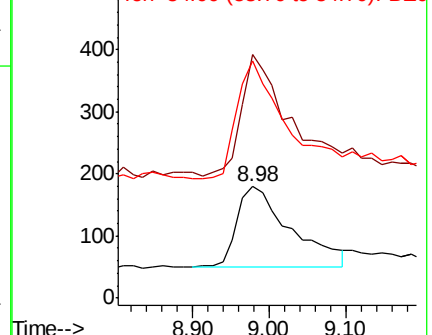
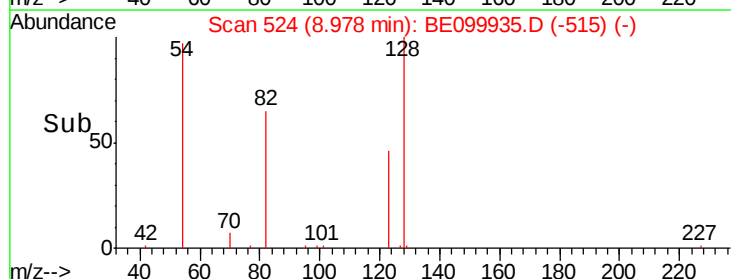
54 213.4 129.7 194.5#

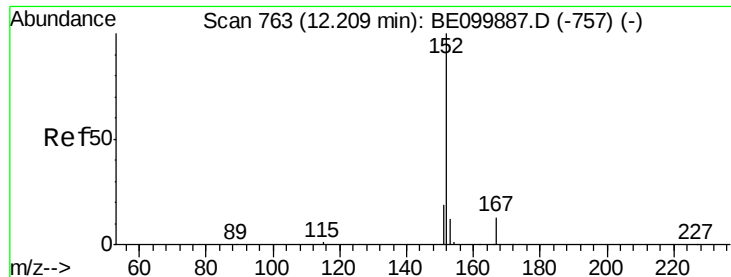


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

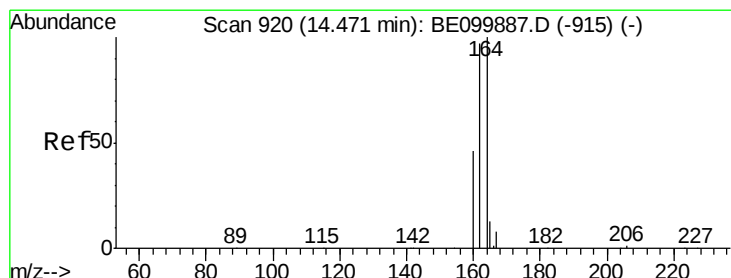
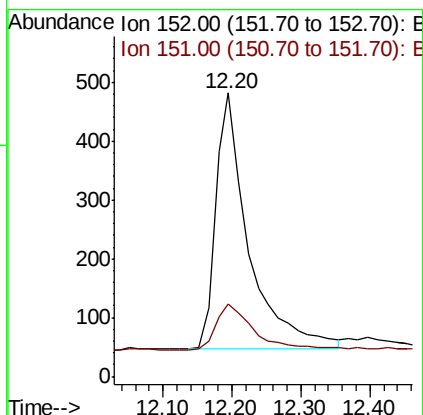
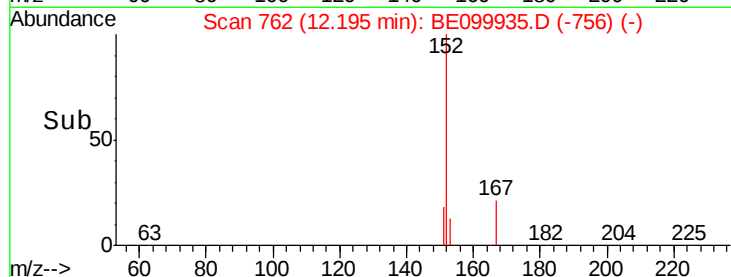
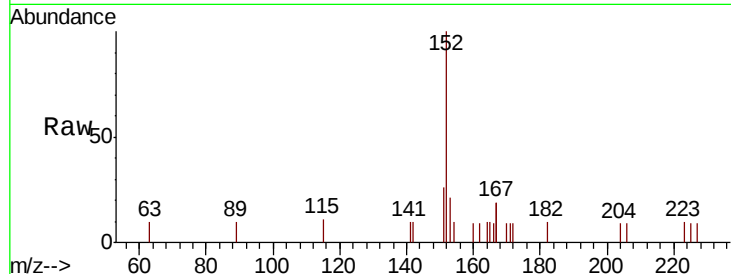




#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099935.D
Acq: 11 Jun 2019 21:47

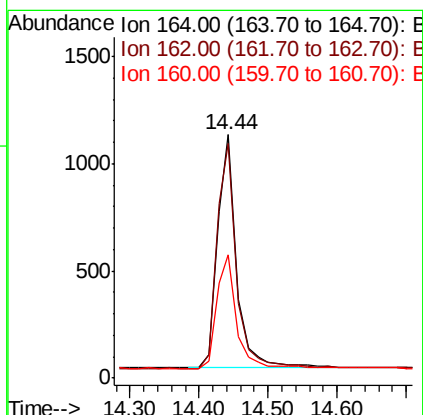
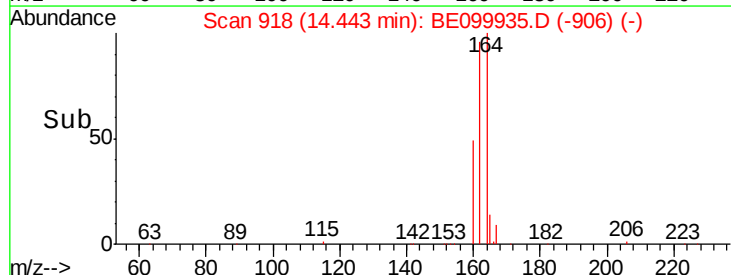
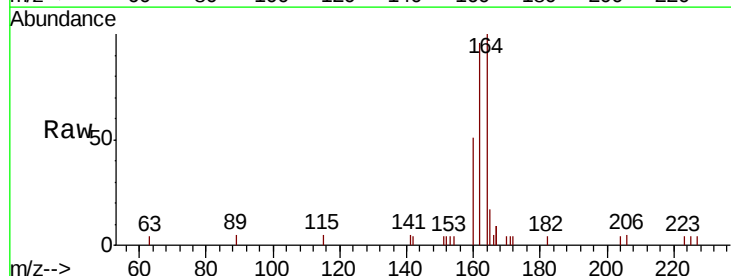
Instrument :
BNA_E
ClientSampleId :
RE122D1-20190604

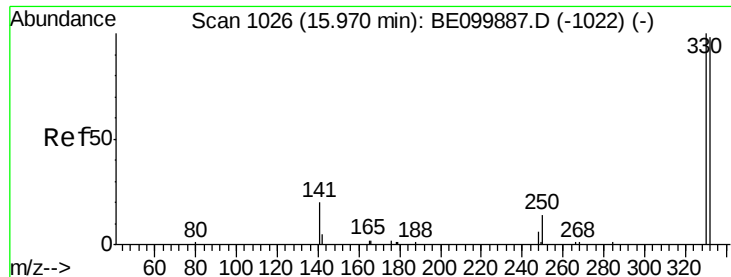
Tot Ion:152 Resp: 1460
Ion Ratio Lower Upper
152 100
151 21.4 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099935.D
Acq: 11 Jun 2019 21:47

Tgt Ion:164 Resp: 2131
Ion Ratio Lower Upper
164 100
162 96.1 77.8 116.8
160 50.8 38.2 57.4

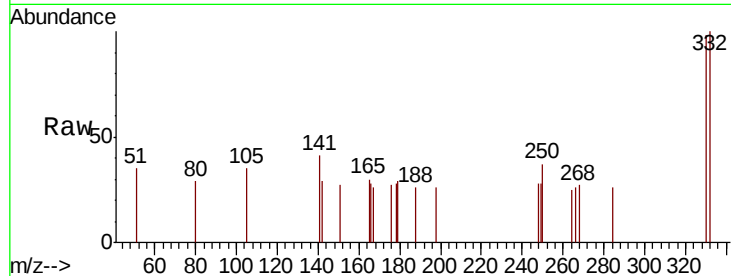




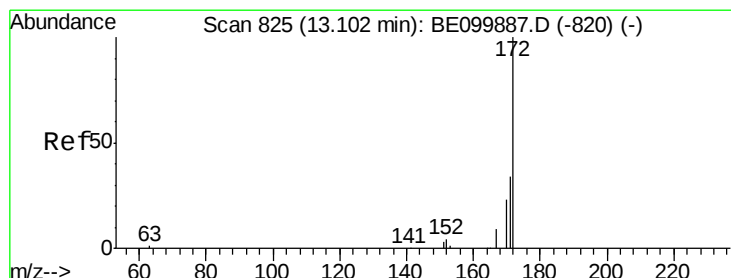
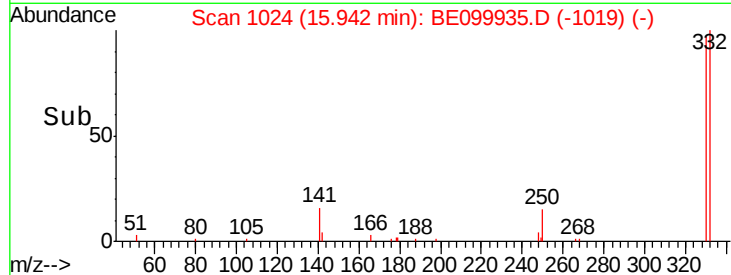
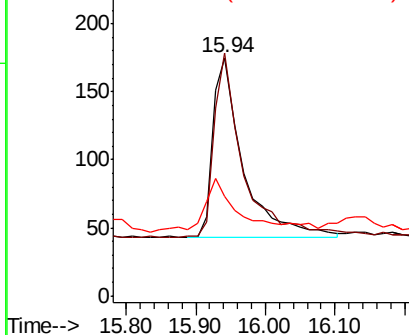
#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099935.D
 Acq: 11 Jun 2019 21:47

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190604

Tot Ion:330 Resp: 399
 Ion Ratio Lower Upper
 330 100
 332 101.0 76.7 115.1
 141 23.6 21.0 31.6

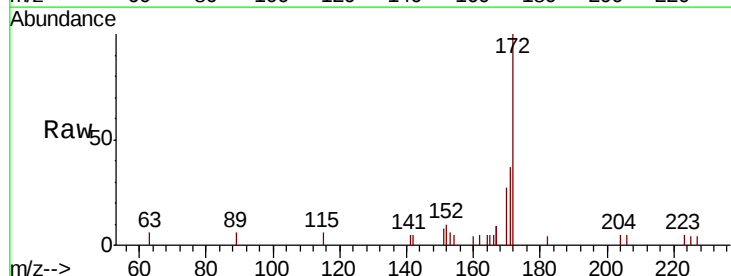


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

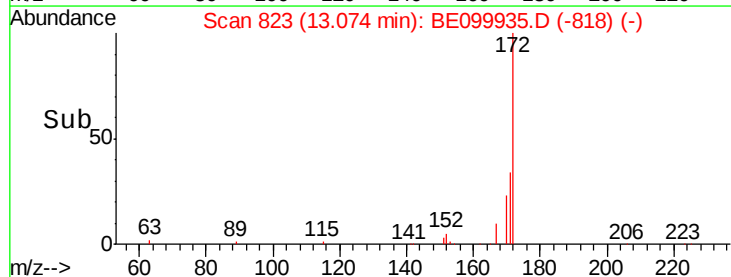
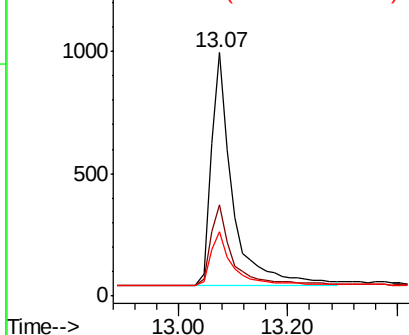


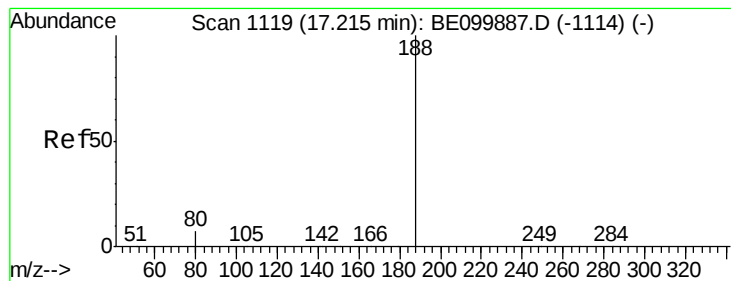
#15
 2-Fluorobiphenyl
 Concen: 0.323 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BE099935.D
 Acq: 11 Jun 2019 21:47

Tgt Ion:172 Resp: 2610
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.2 43.8
 170 26.6 21.2 31.8



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190604

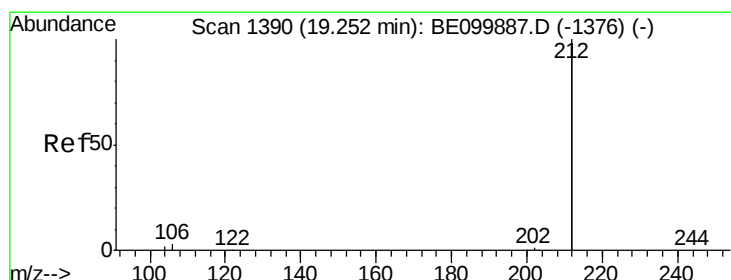
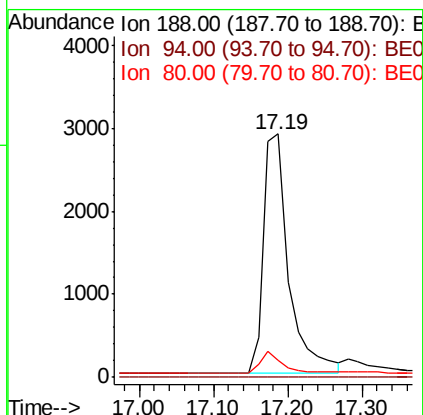
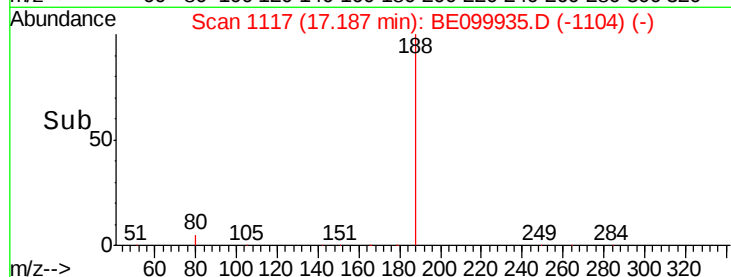
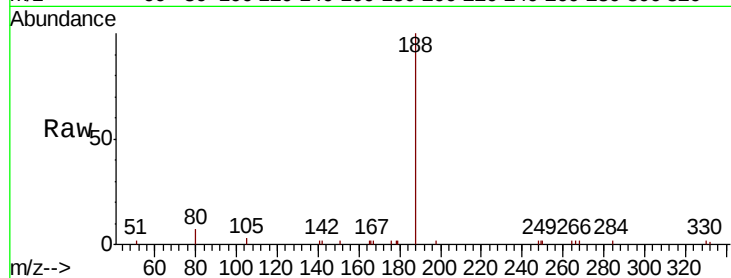
Tot Ion:188 Resp: 6875

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.1 6.4 9.6



#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

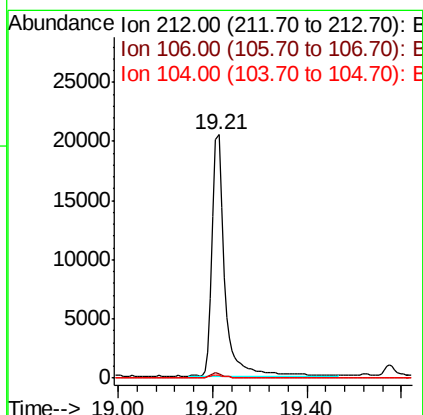
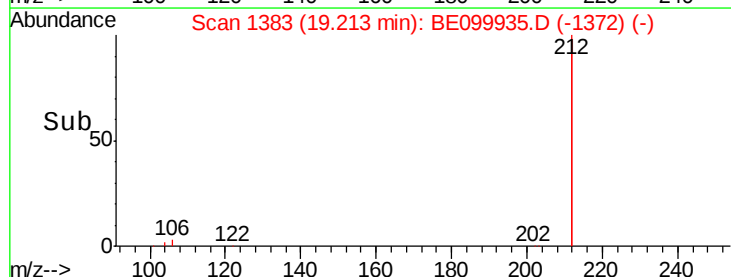
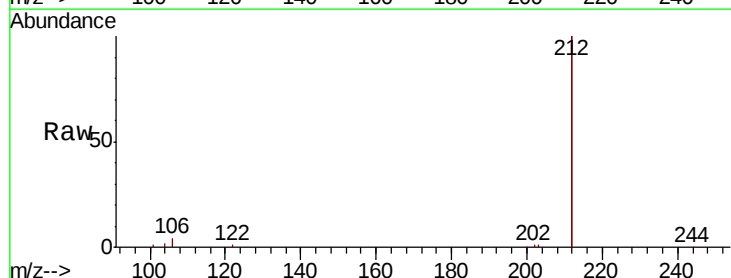
Tgt Ion:212 Resp: 37198

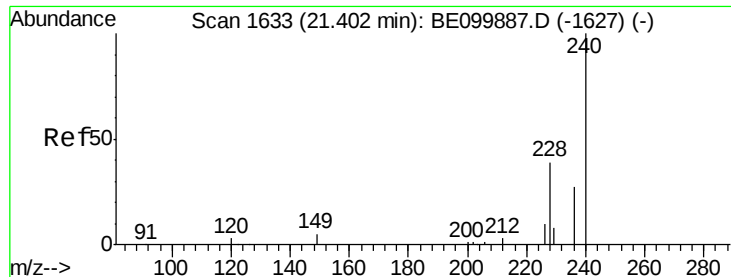
Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

Instrument :

BNA_E

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RE122D1-20190604

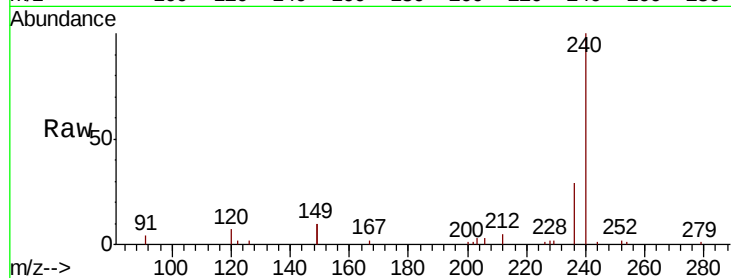
Tot Ion:240 Resp: 9892

Ion Ratio Lower Upper

240 100

120 7.3 3.8 5.6#

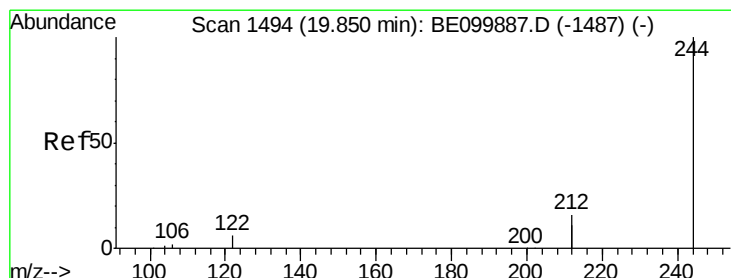
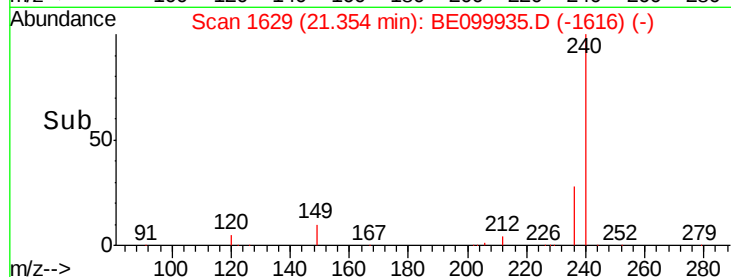
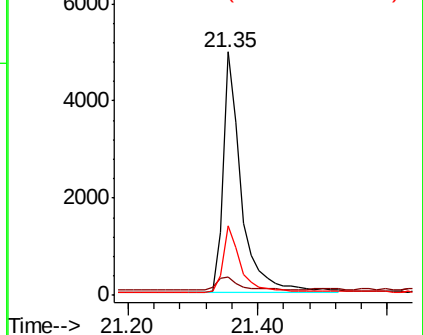
236 28.7 22.0 33.0



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: 0.469 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BE099935.D

Acq: 11 Jun 2019 21:47

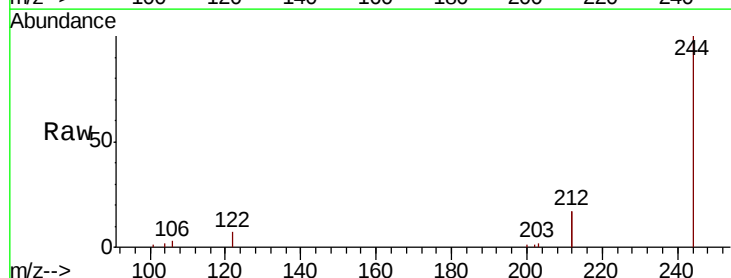
Tgt Ion:244 Resp: 8347

Ion Ratio Lower Upper

244 100

212 33.7 25.7 38.5

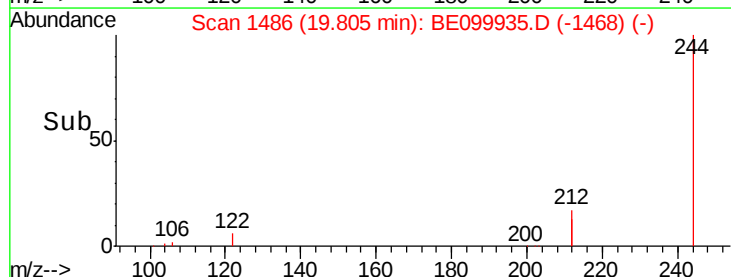
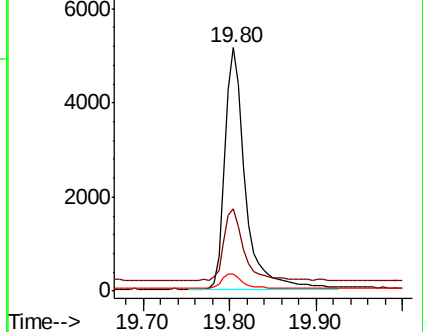
122 6.9 5.5 8.3

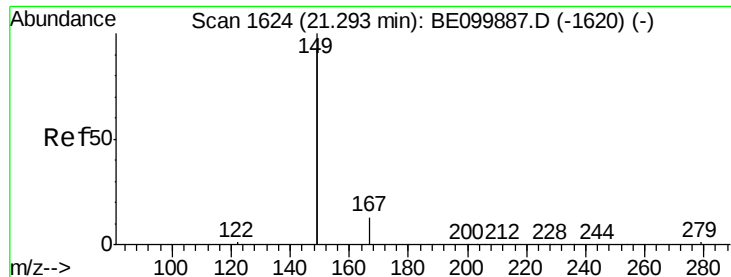


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

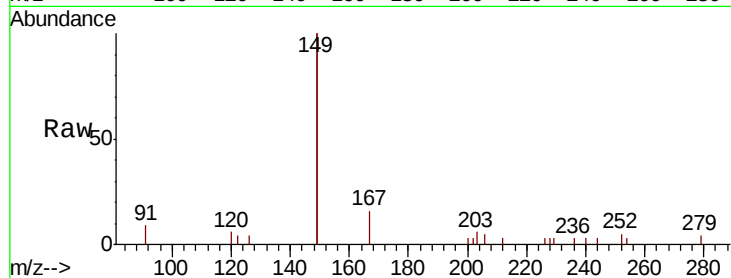




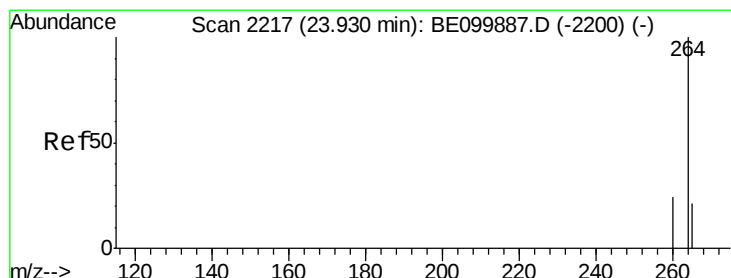
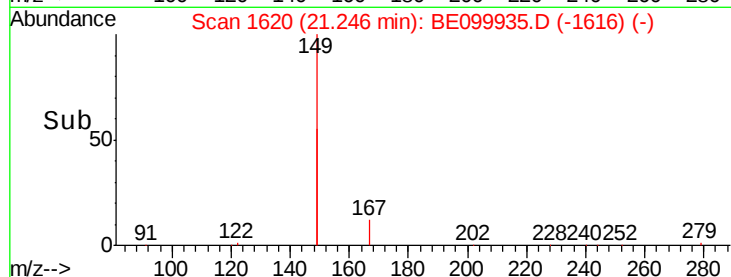
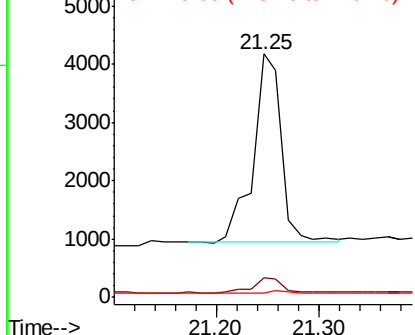
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. -0.05 min
 Lab File: BE099935.D
 Acq: 11 Jun 2019 21:47

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190604

Tot Ion:149 Resp: 6177
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.9 8.9
 279 2.2 1.2 1.8#

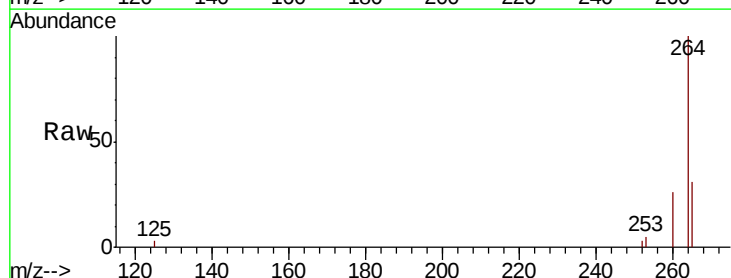


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2196
 Delta R.T. -0.07 min
 Lab File: BE099935.D
 Acq: 11 Jun 2019 21:47

Tgt Ion:264 Resp: 11086
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 30.8 22.0 33.0



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

