

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
 Data File : BE099243.D
 Acq On : 27 Mar 2019 10:35
 Operator : JU/SJ
 Sample : K2064-13RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 14:15:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

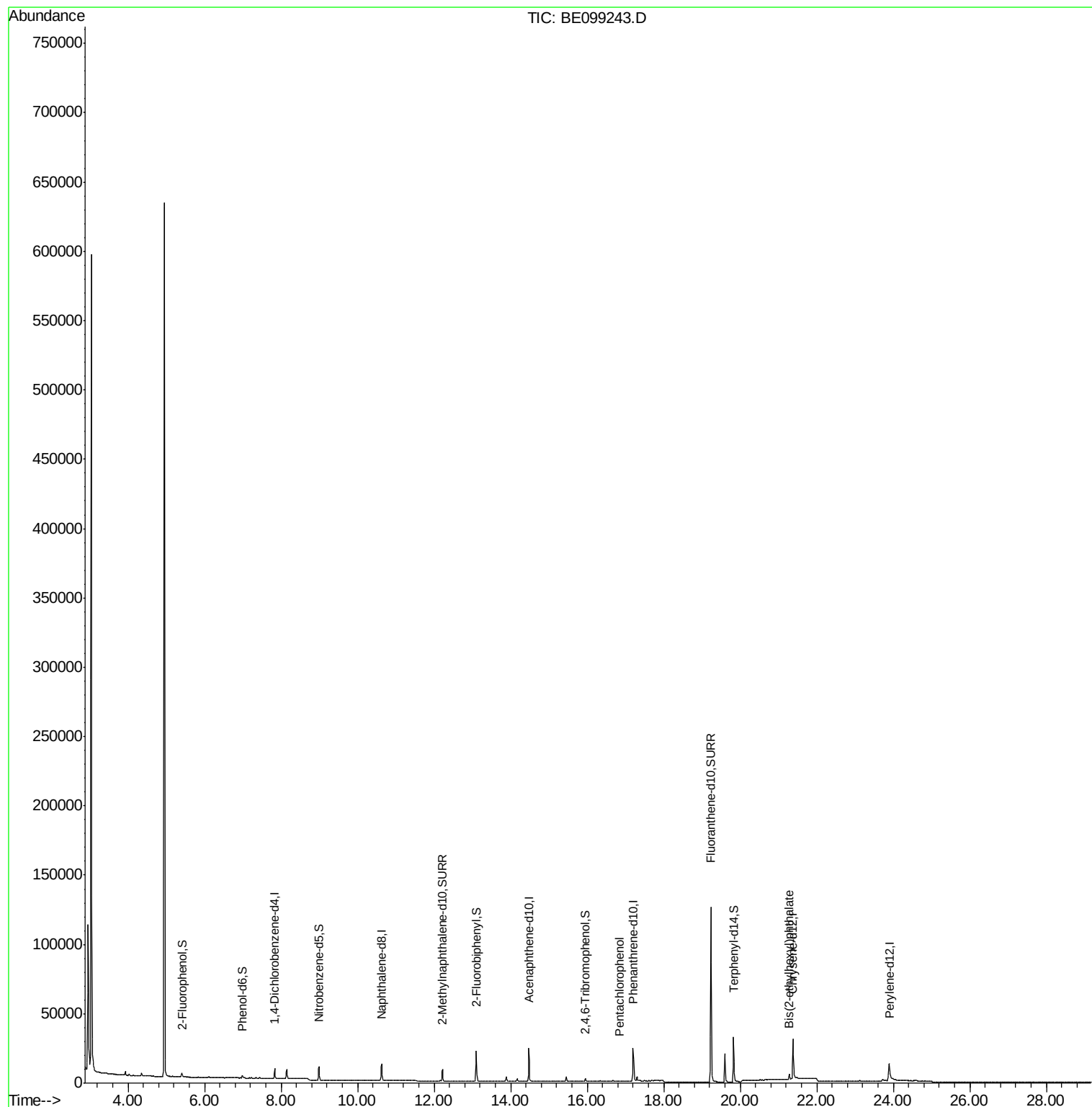
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3642	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15702	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12441	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	34770	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	37411	0.40	ng	-0.01
34) Perylene-d12	23.89	264	28662	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1721	0.16	ng	0.00
5) Phenol-d6	6.99	99	1780	0.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	5098	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	12293	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1319	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20145	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	183760	0.44	ng	0.00
29) Terphenyl-d14	19.83	244	30812	0.38	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.84	266	57	0.257	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.28	149	4610	0.031	ng	# 98

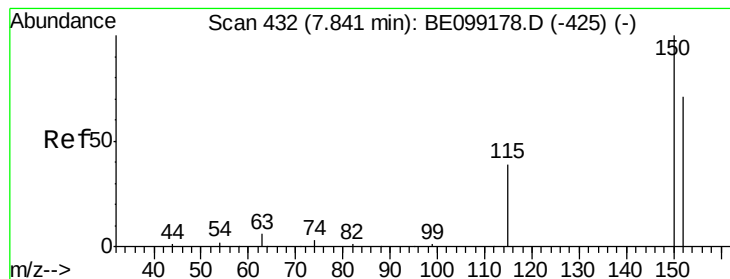
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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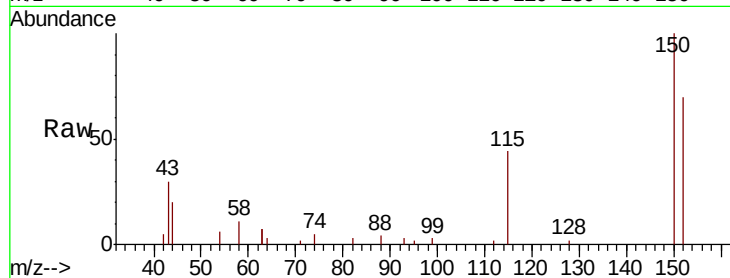


#1

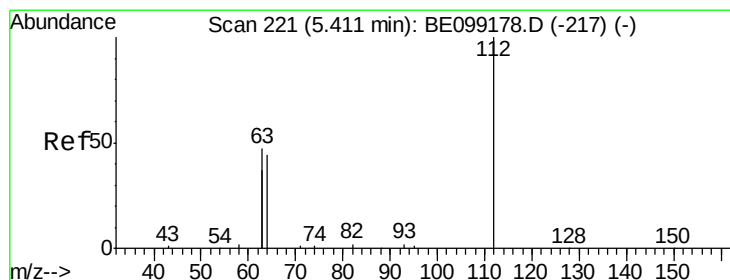
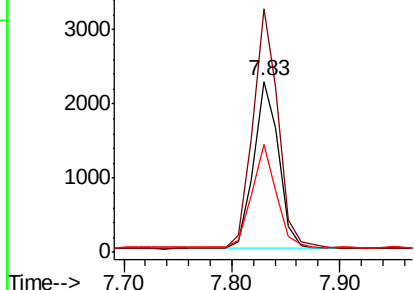
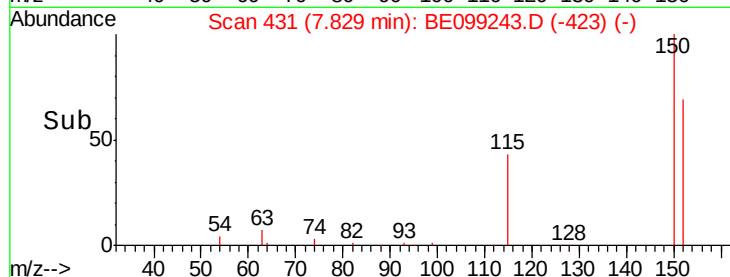
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099243.D
Acq: 27 Mar 2019 10:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3642
Ion Ratio Lower Upper
152 100
150 142.5 112.8 169.2
115 63.4 45.1 67.7



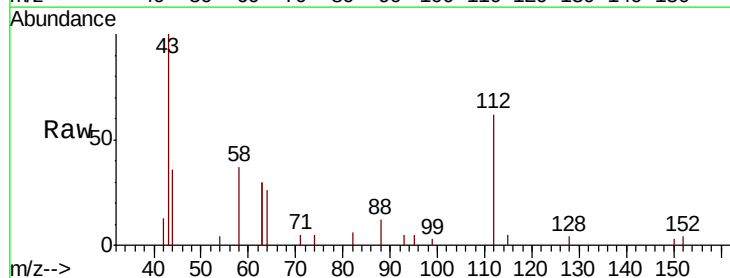
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



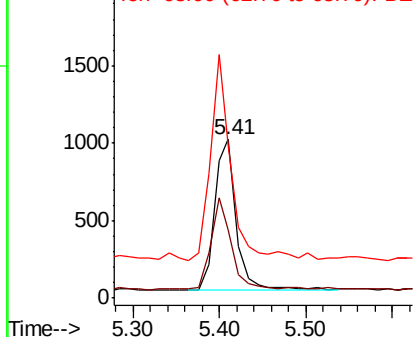
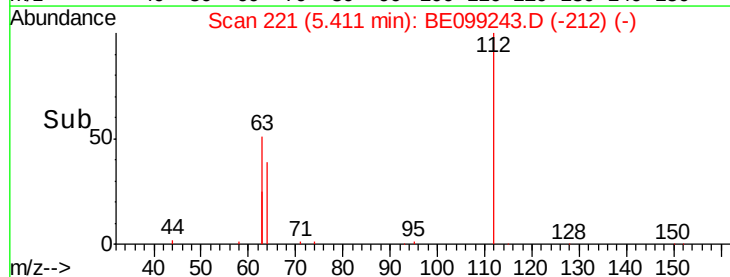
#4

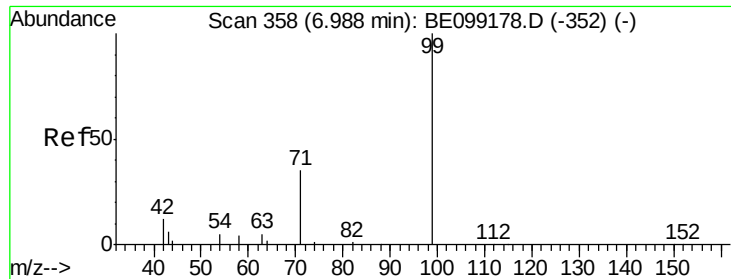
2-Fluorophenol
Concen: 0.158 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099243.D
Acq: 27 Mar 2019 10:35

Tgt Ion:112 Resp: 1721
Ion Ratio Lower Upper
112 100
64 54.6 46.2 69.2
63 128.6 89.9 134.9



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: 0.107 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

Instrument :

BNA_E

ClientSampled :

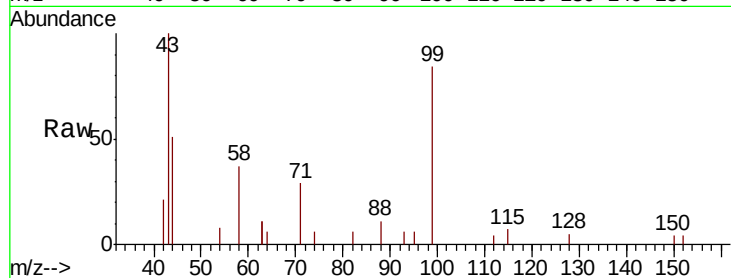
Tot Ion: 99 Resp: 1780

Ion Ratio Lower Upper

99 100

42 15.2 12.4 18.6

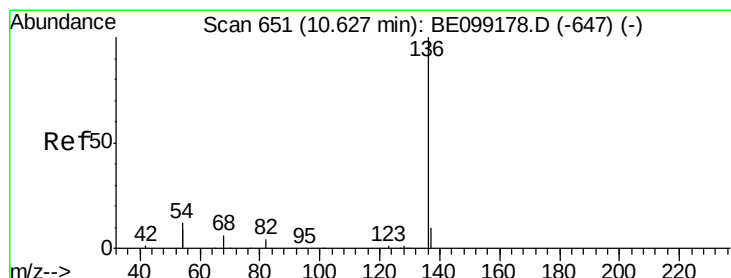
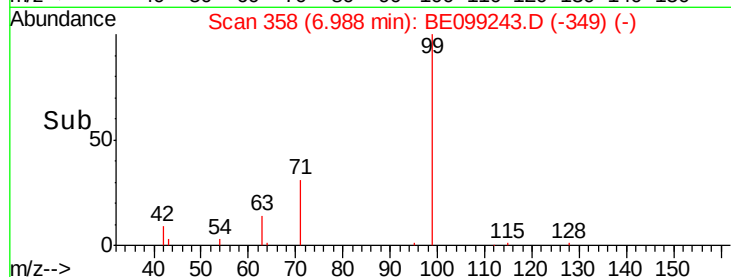
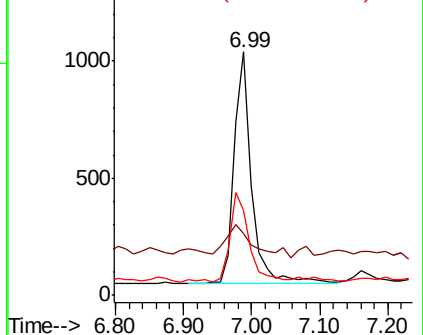
71 41.0 28.4 42.6



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

Tgt Ion: 136 Resp: 15702

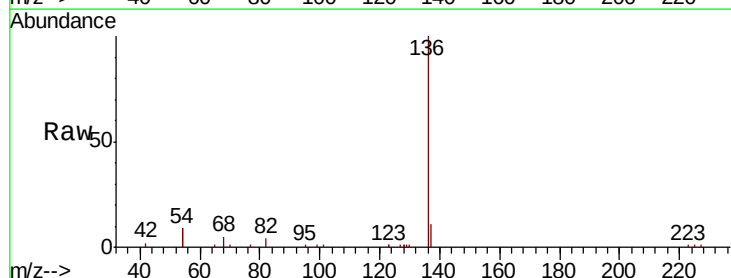
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 17.5 18.7 28.1#

68 5.0 5.2 7.8#

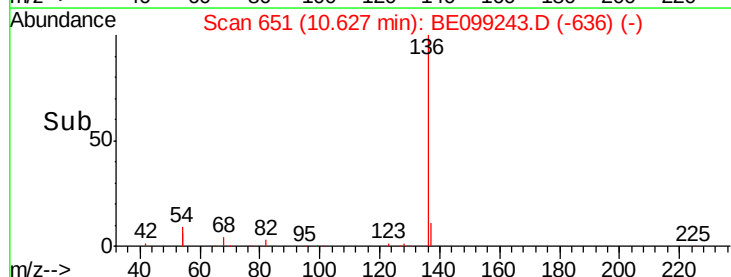
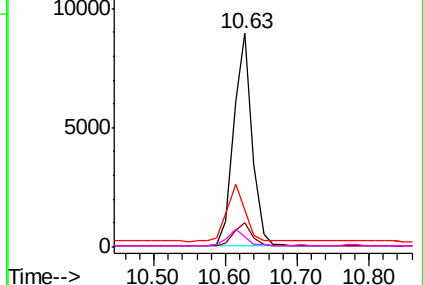


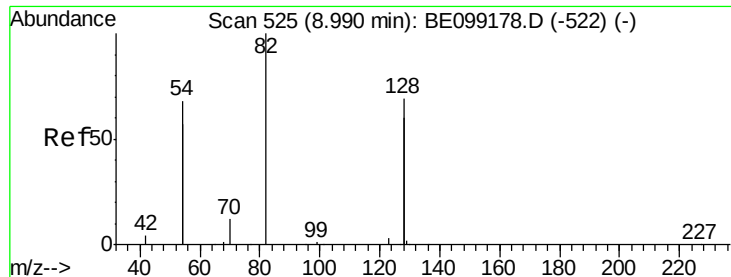
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

Instrument :

BNA_E

ClientSampleId :

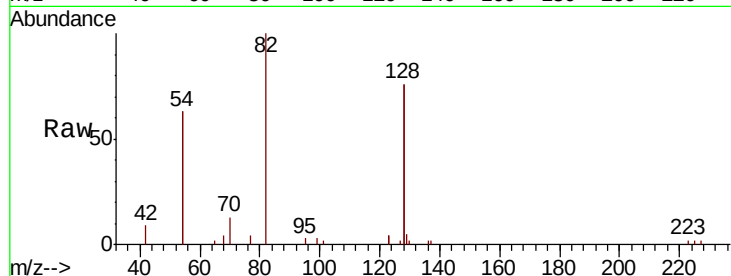
Tot Ion: 82 Resp: 5098

Ion Ratio Lower Upper

82 100

128 151.4 107.5 161.3

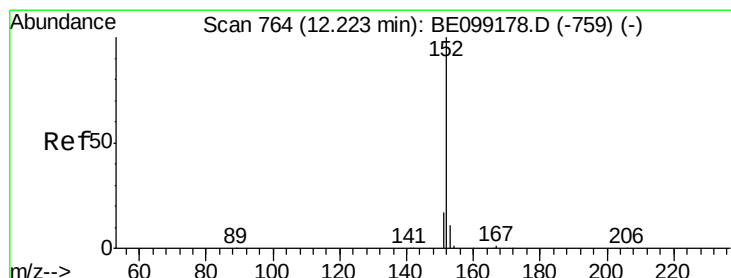
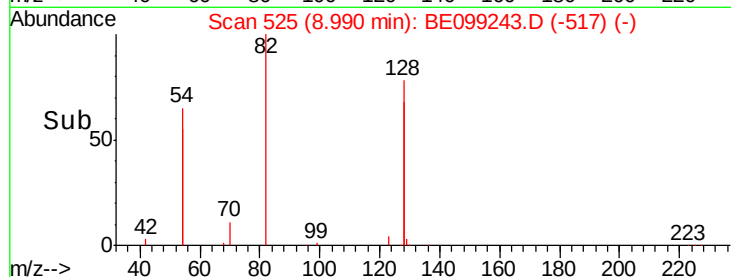
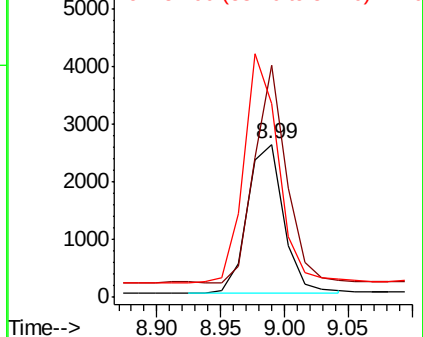
54 126.2 106.3 159.5



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: 0.406 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099243.D

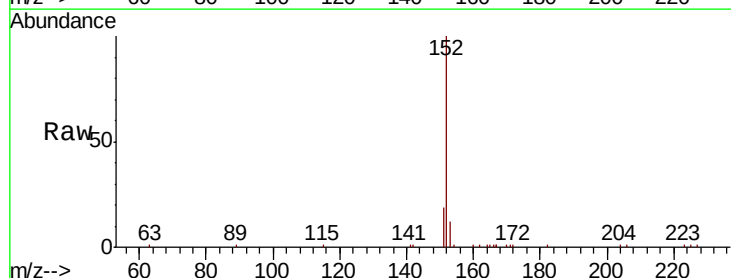
Acq: 27 Mar 2019 10:35

Tgt Ion: 152 Resp: 12293

Ion Ratio Lower Upper

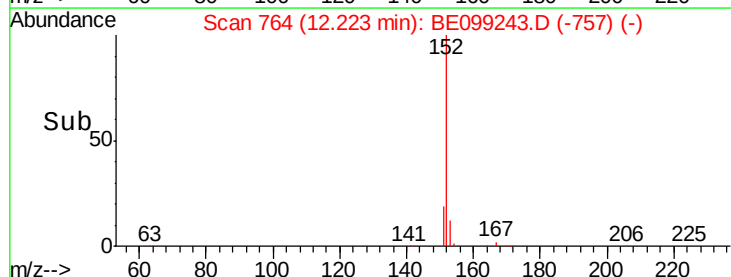
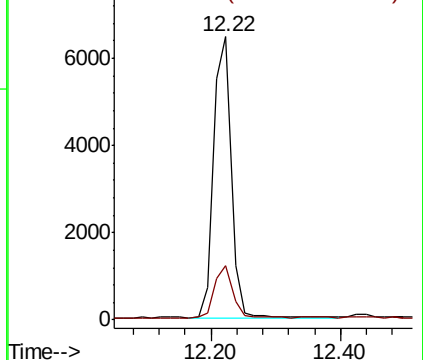
152 100

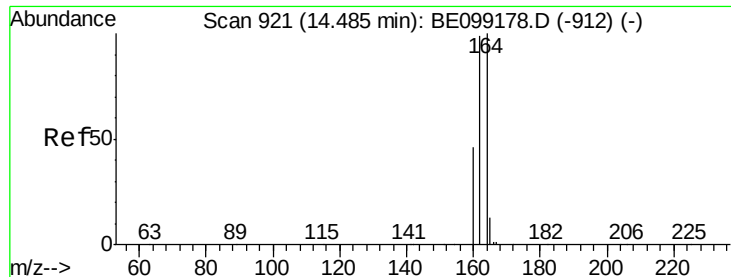
151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

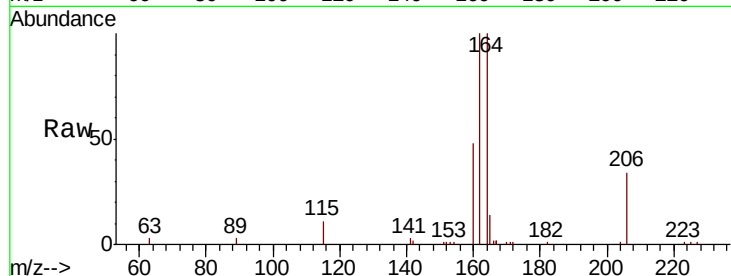




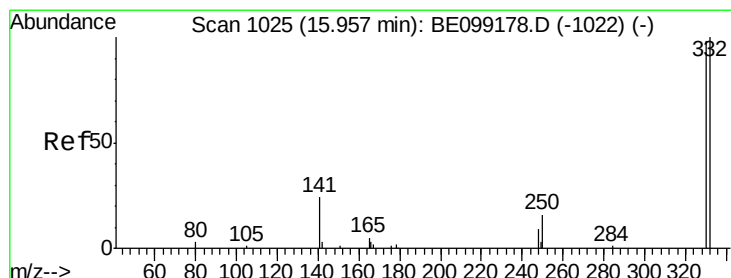
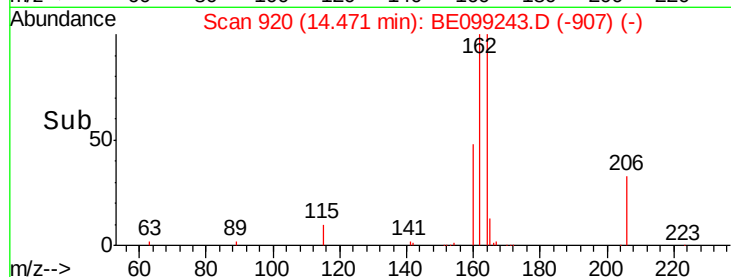
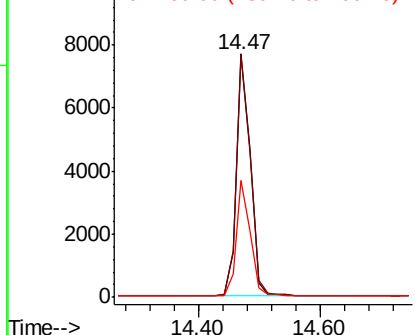
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099243.D
Acq: 27 Mar 2019 10:35

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 12441
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 47.9 36.7 55.1

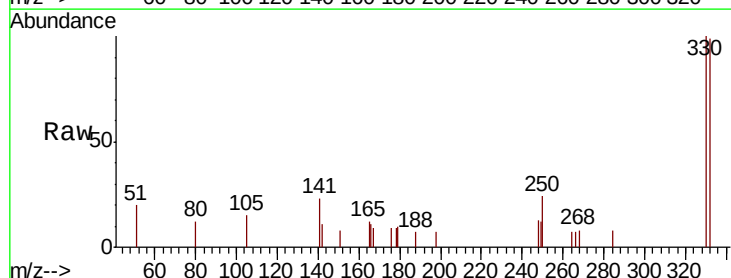


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

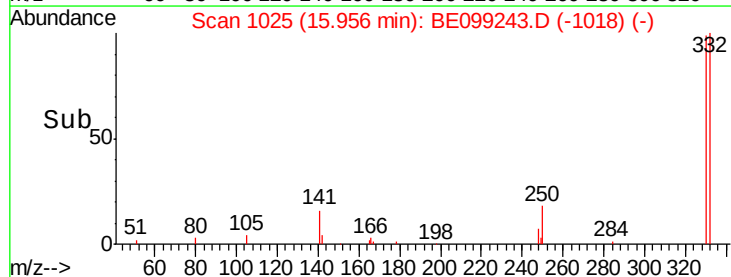
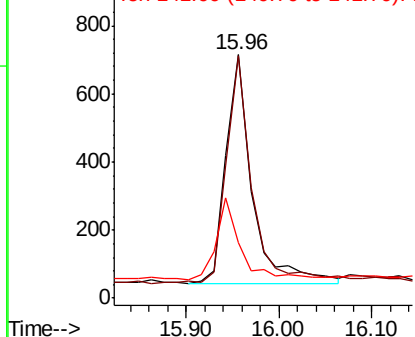


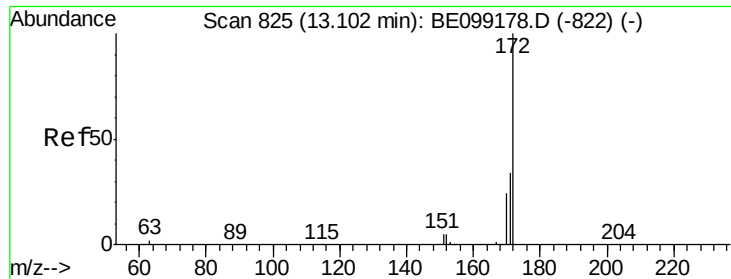
#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099243.D
Acq: 27 Mar 2019 10:35

Tgt Ion:330 Resp: 1319
Ion Ratio Lower Upper
330 100
332 97.1 71.3 106.9
141 31.1 21.7 32.5



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

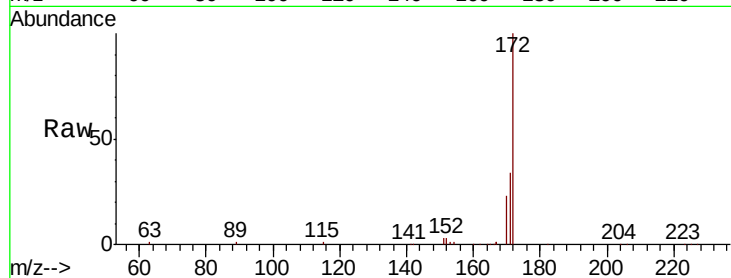




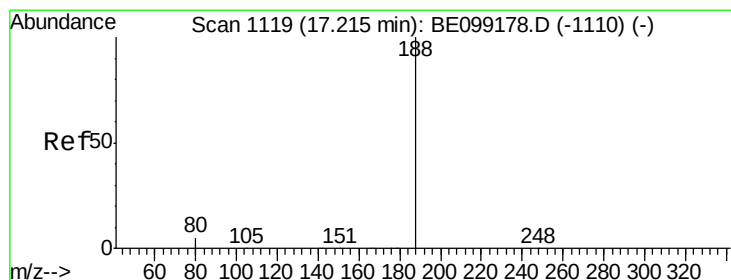
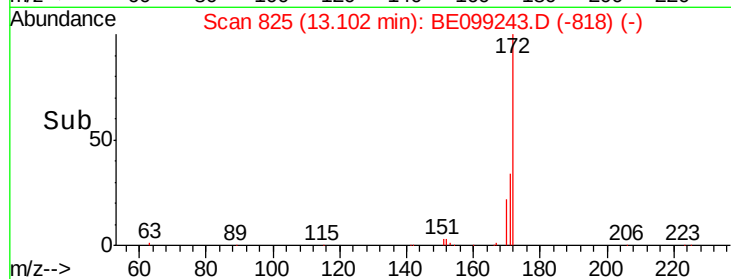
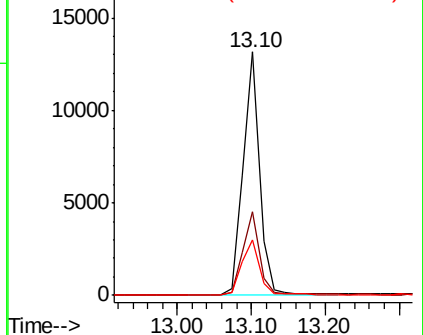
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099243.D
Acq: 27 Mar 2019 10:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 20145
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 22.6 19.1 28.7

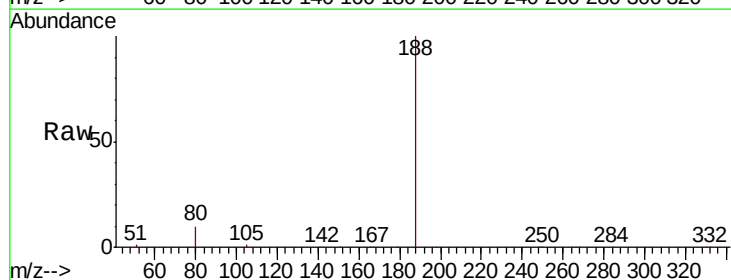


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

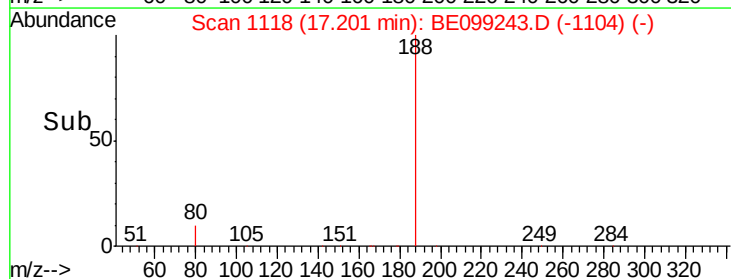
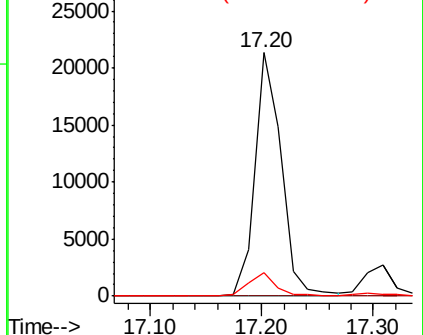


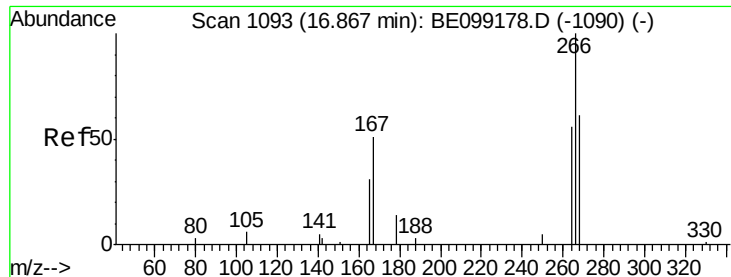
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099243.D
Acq: 27 Mar 2019 10:35

Tgt Ion:188 Resp: 34770
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.5 6.7#



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: 0.257 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

Instrument :

BNA_E

ClientSampled :

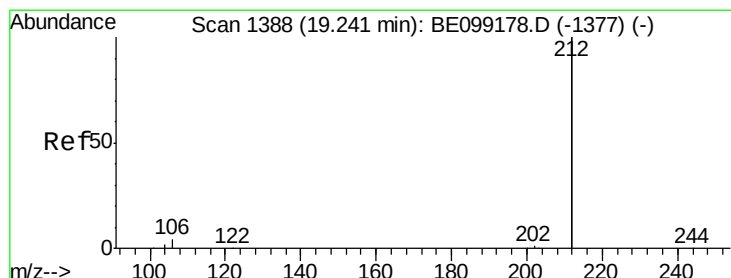
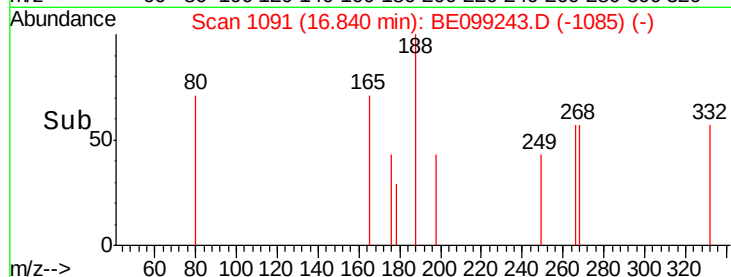
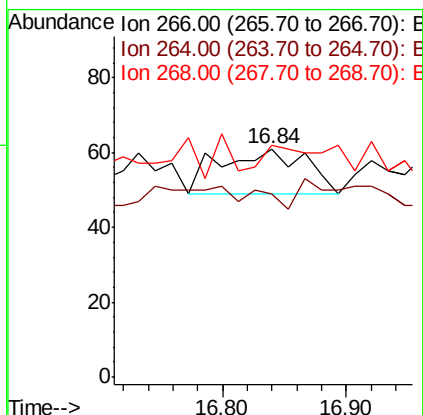
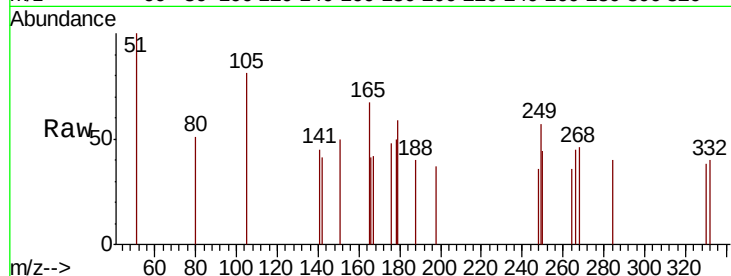
Tot Ion:266 Resp: 57

Ion Ratio Lower Upper

266 100

264 80.3 54.4 81.6

268 101.6 61.3 91.9#



#25

Fluoranthene-d10

Concen: 0.436 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

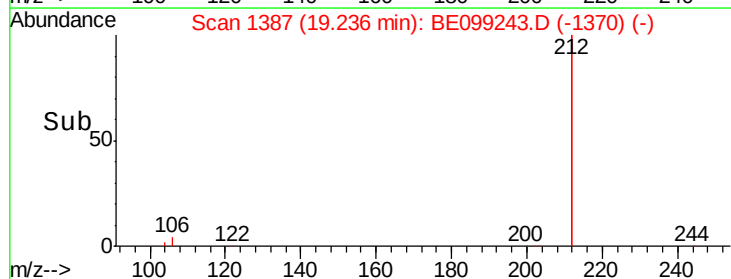
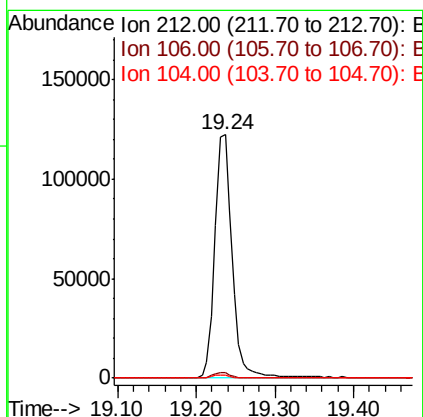
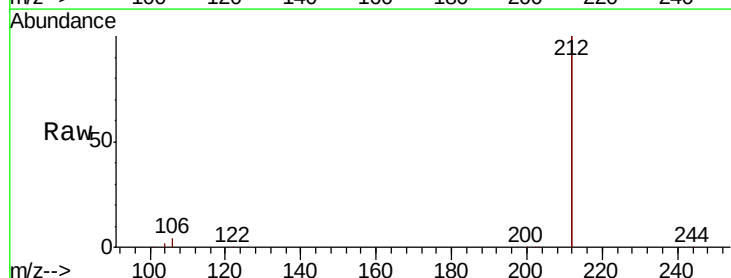
Tgt Ion:212 Resp: 183760

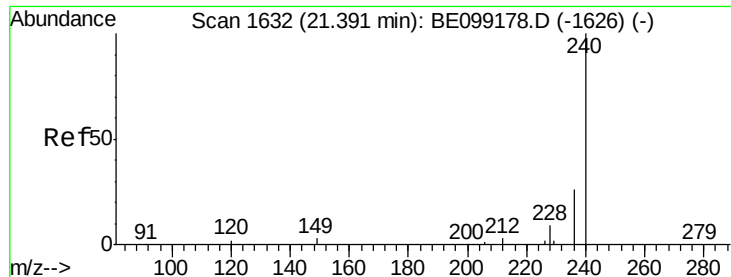
Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

Instrument :

BNA_E

ClientSampleId :

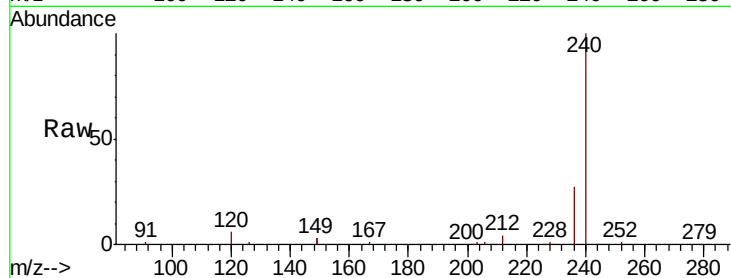
Tot Ion:240 Resp: 37411

Ion Ratio Lower Upper

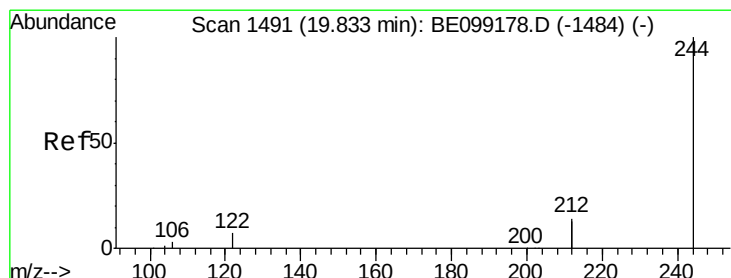
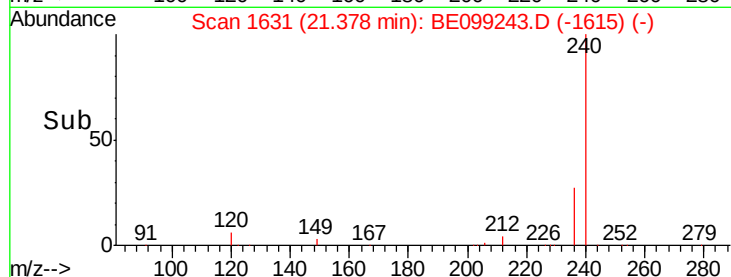
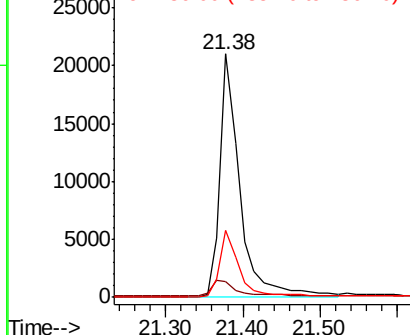
240 100

120 6.5 2.6 3.8#

236 27.4 20.9 31.3



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: 0.379 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099243.D

Acq: 27 Mar 2019 10:35

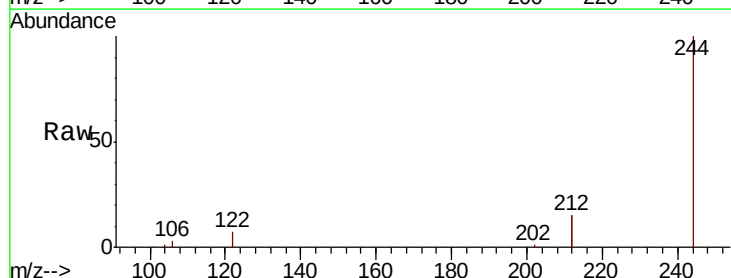
Tgt Ion:244 Resp: 30812

Ion Ratio Lower Upper

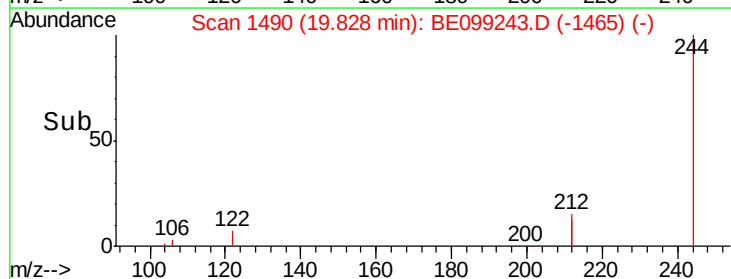
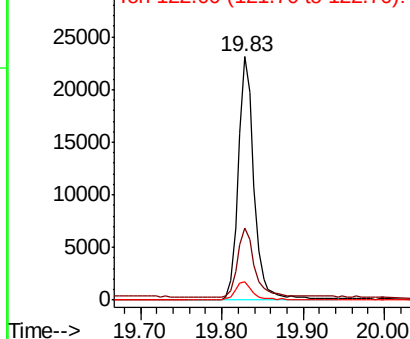
244 100

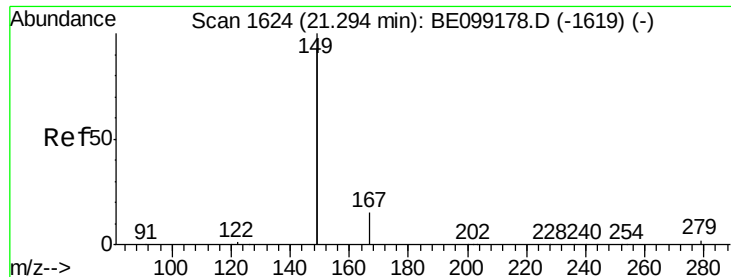
212 29.5 22.7 34.1

122 7.3 5.8 8.6



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

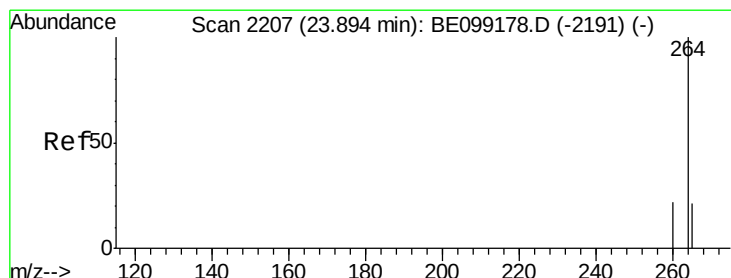
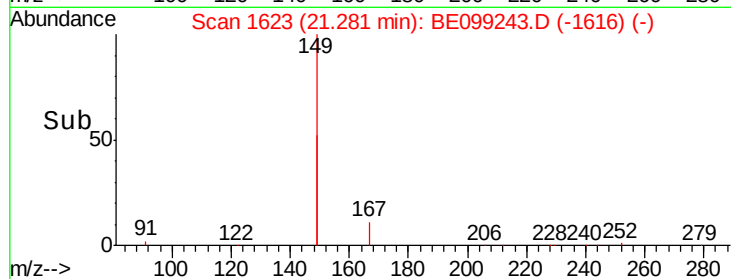
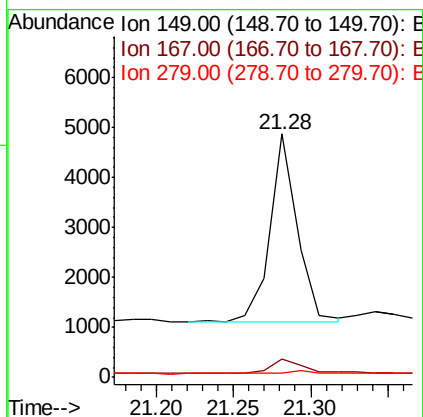
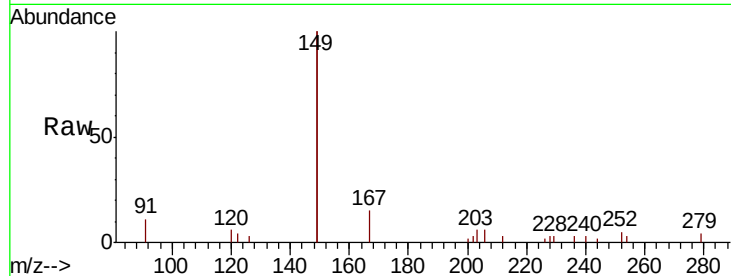




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099243.D
 Acq: 27 Mar 2019 10:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 4610
 Ion Ratio Lower Upper
 149 100
 167 8.3 5.9 8.9
 279 1.9 1.0 1.6#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE099243.D
 Acq: 27 Mar 2019 10:35

Tgt Ion:264 Resp: 28662
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 30.3 21.8 32.8

