

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099228.D
 Acq On : 26 Mar 2019 23:14
 Operator : JU/SJ
 Sample : K2073-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P021-TW001-01

Quant Time: Mar 27 08:52:07 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	3444	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15472	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12088	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	34540	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	38007	0.40	ng	-0.01
34) Perylene-d12	23.89	264	32893	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1595	0.16	ng	0.00
5) Phenol-d6	6.99	99	1478	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4501	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11457	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1509	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	19549	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	166576	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	33433	0.40	ng	0.00

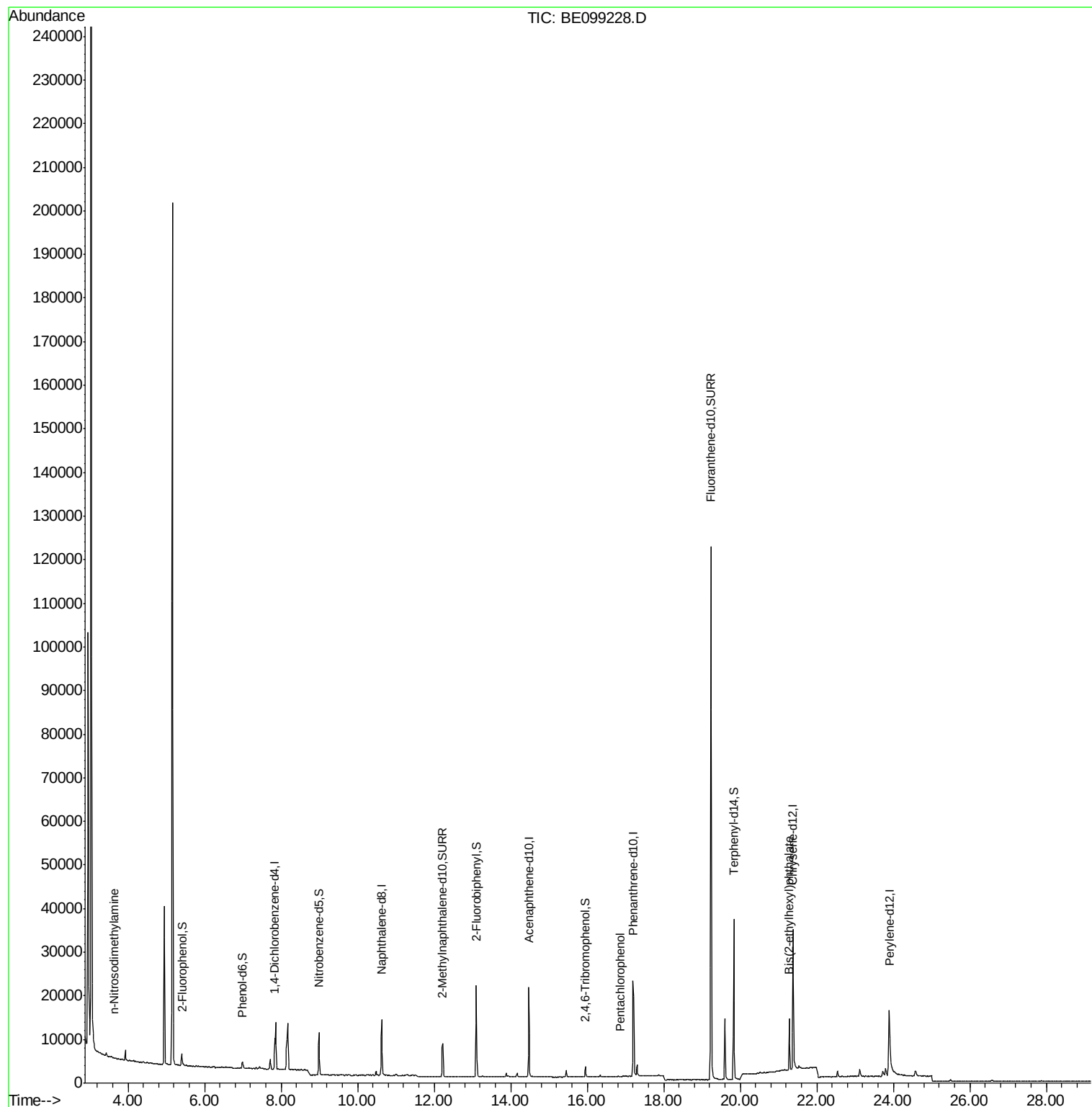
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.64	42	171	0.067	ng	# 1
22) Pentachlorophenol	16.87	266	36	0.250	ng	87
32) Bis(2-ethylhexyl)phthalate	21.28	149	13366	0.089	ng	# 99

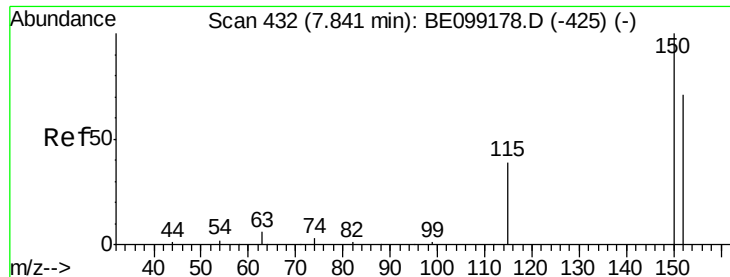
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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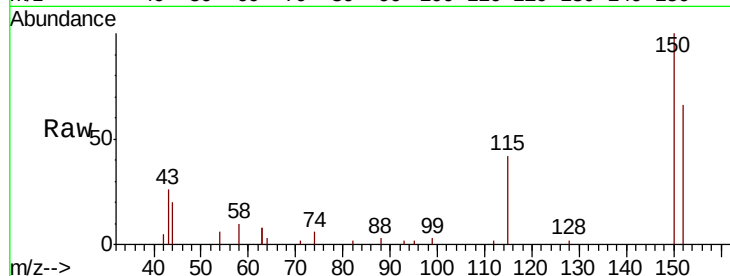


#1

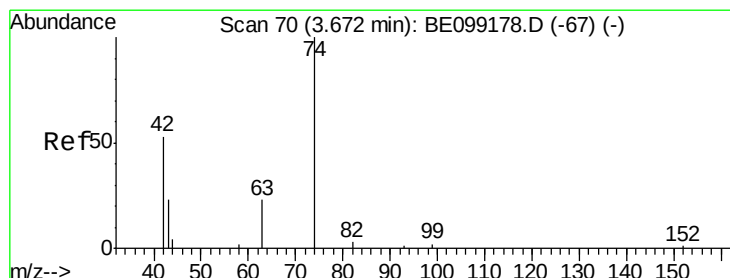
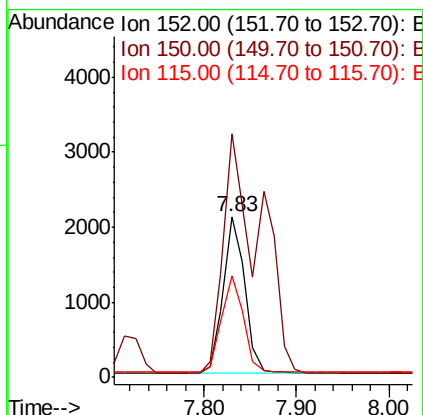
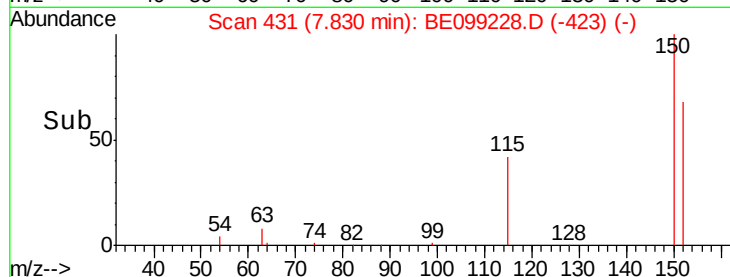
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099228.D
Acq: 26 Mar 2019 23:14

Instrument :
BNA_E
ClientSampleId :
P021-TW001-01

Tgt Ion: 152 Resp: 3444
Ion Ratio Lower Upper
152 100
150 151.4 112.8 169.2
115 63.2 45.1 67.7



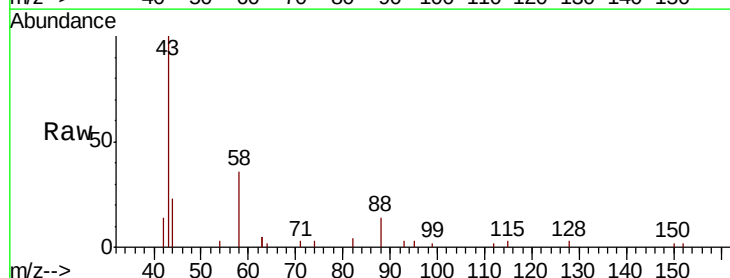
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



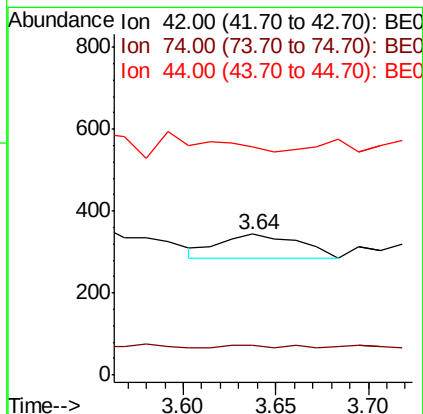
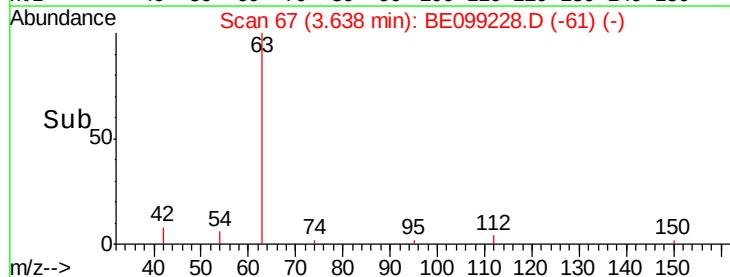
#3

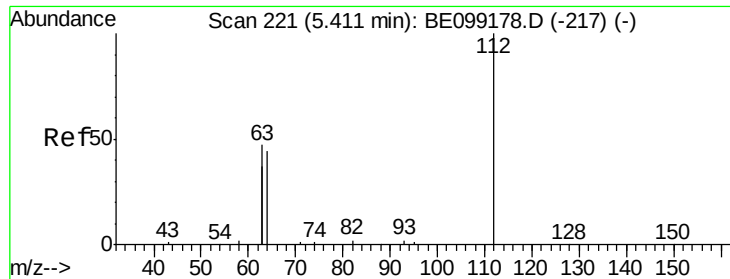
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.03 min
Lab File: BE099228.D
Acq: 26 Mar 2019 23:14

Tgt Ion: 42 Resp: 171
Ion Ratio Lower Upper
42 100
74 5.3 138.6 207.8#
44 0.0 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

Instrument :

BNA_E

ClientSampleId :

P021-TW001-01

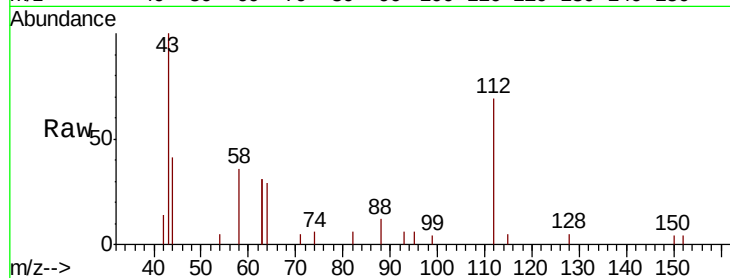
Tgt Ion: 112 Resp: 1595

Ion Ratio Lower Upper

112 100

64 62.1 46.2 69.2

63 126.2 89.9 134.9



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

2000

1500

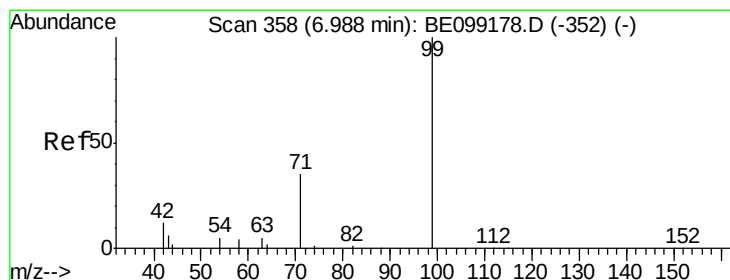
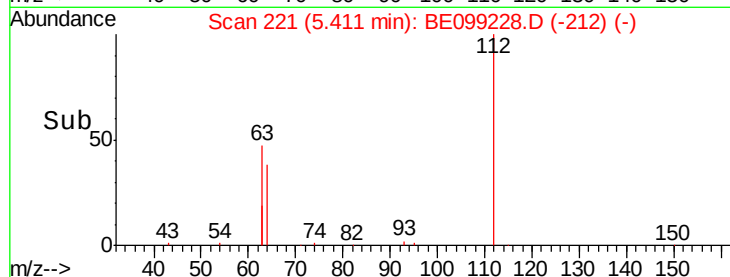
1000

500

0

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.094 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

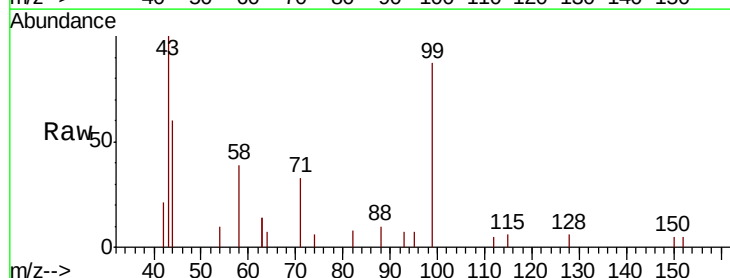
Tgt Ion: 99 Resp: 1478

Ion Ratio Lower Upper

99 100

42 22.0 12.4 18.6#

71 41.5 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

1200

1000

800

600

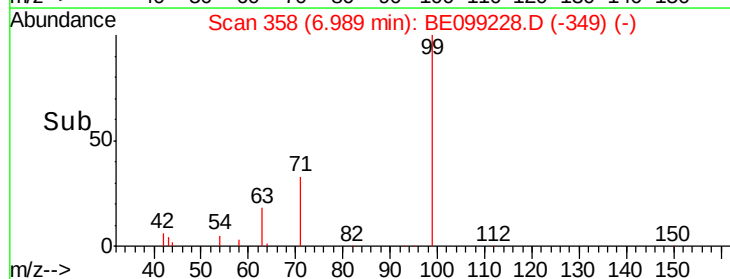
400

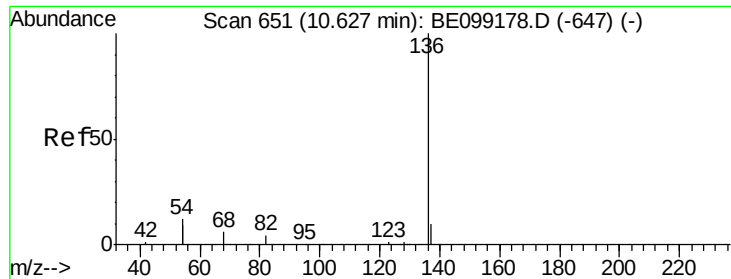
200

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

Instrument :

BNA_E

ClientSampleId :

P021-TW001-01

Tgt Ion:136 Resp: 15472

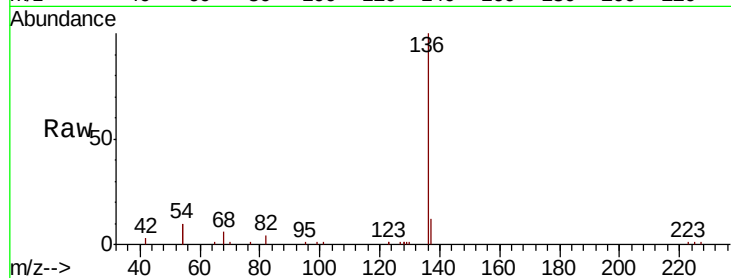
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 20.6 18.7 28.1

68 5.6 5.2 7.8

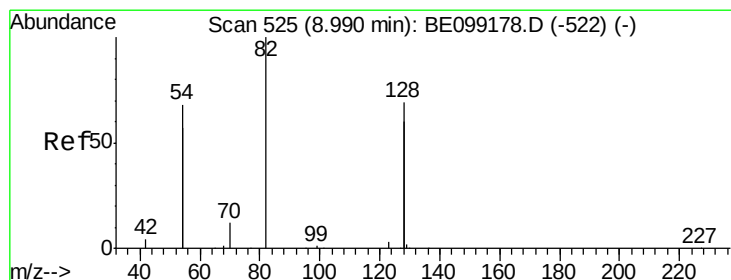
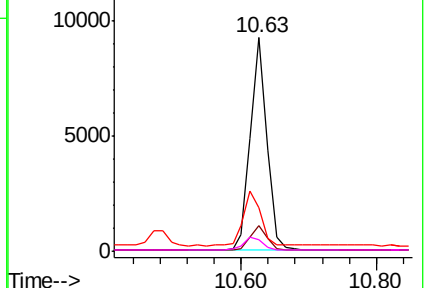
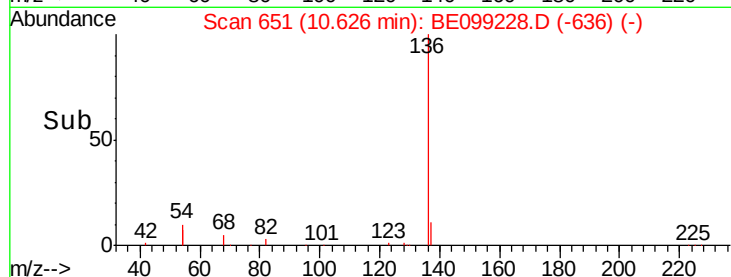


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

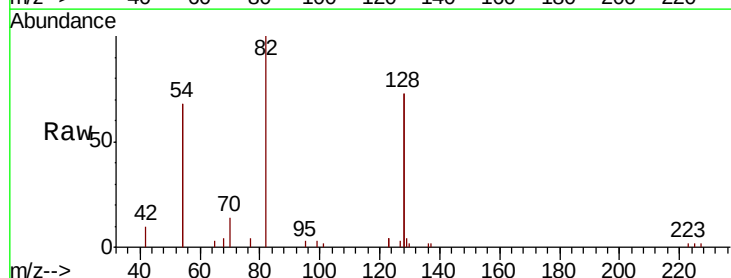
Tgt Ion: 82 Resp: 4501

Ion Ratio Lower Upper

82 100

128 146.4 107.5 161.3

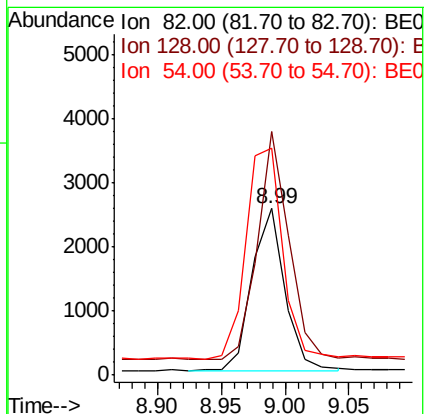
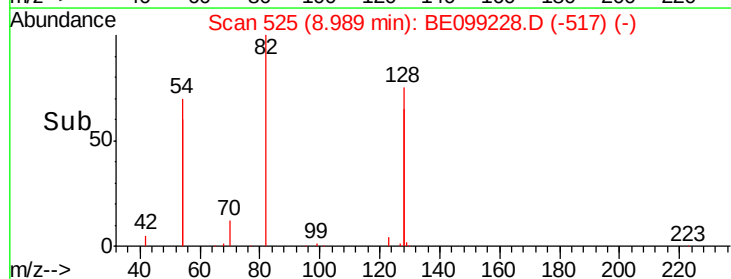
54 136.2 106.3 159.5

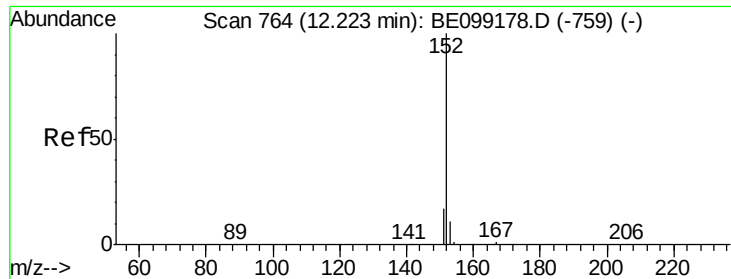


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

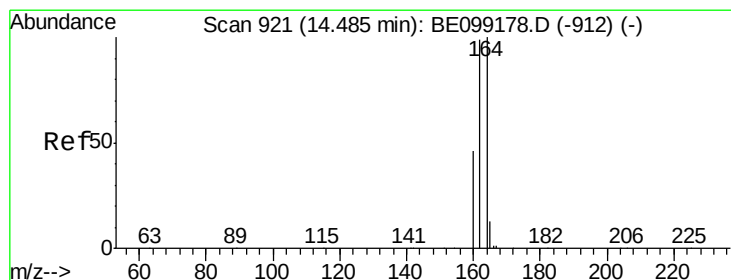
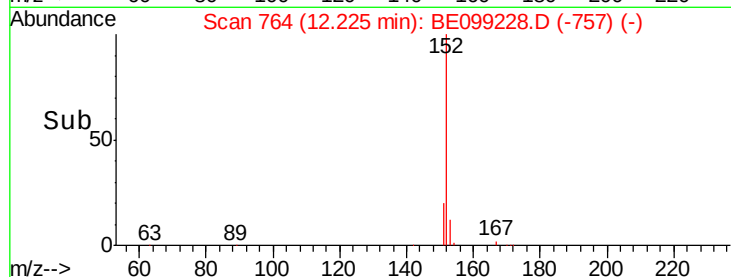
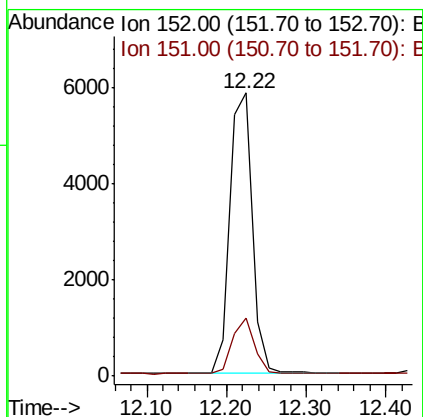
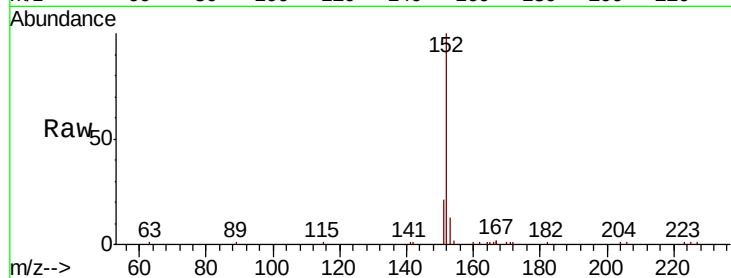




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099228.D
 Acq: 26 Mar 2019 23:14

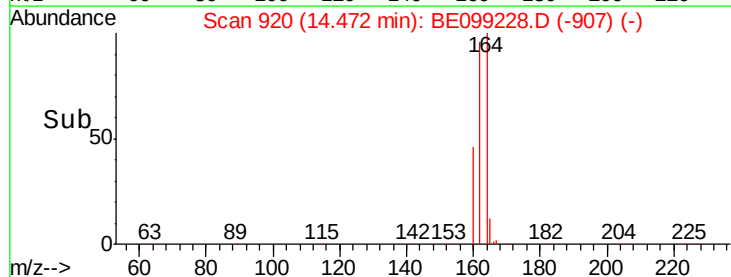
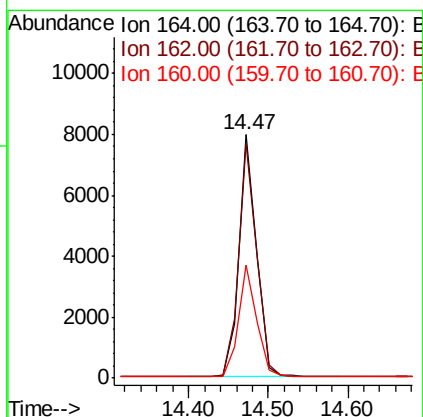
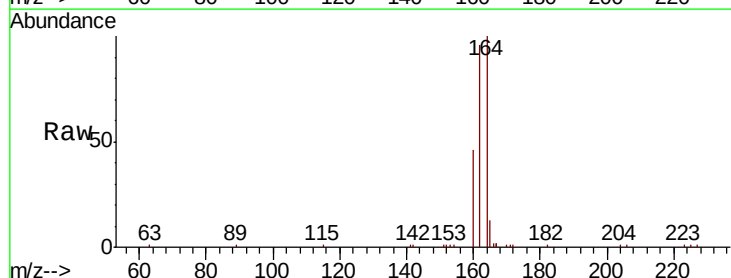
Instrument :
 BNA_E
 ClientSampleId :
 P021-TW001-01

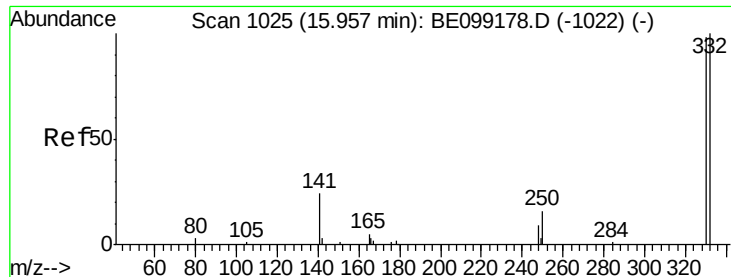
Tgt Ion:152 Resp: 11457
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099228.D
 Acq: 26 Mar 2019 23:14

Tgt Ion:164 Resp: 12088
 Ion Ratio Lower Upper
 164 100
 162 96.3 79.2 118.8
 160 46.5 36.7 55.1

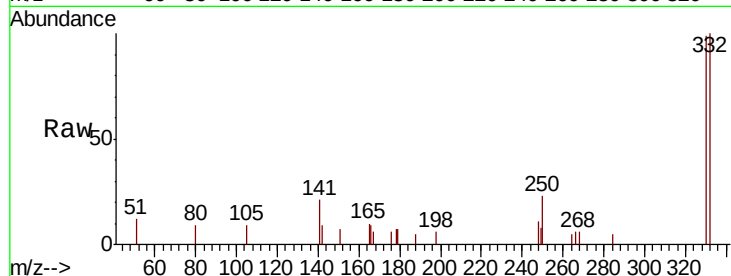




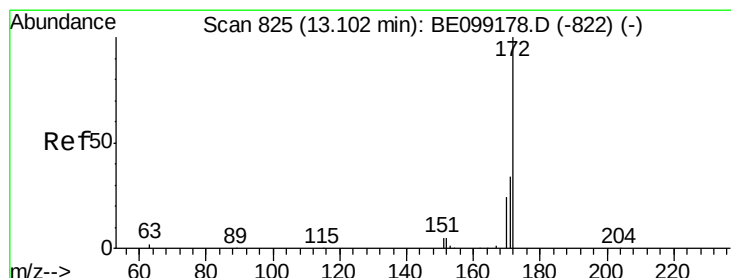
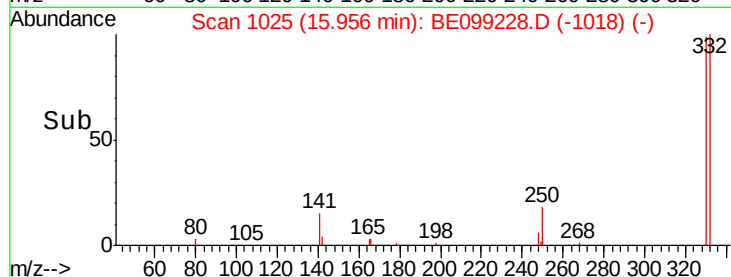
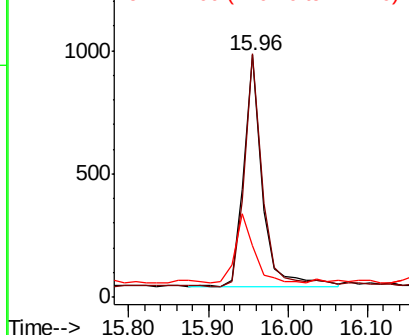
#14
 2,4,6-Tribromophenol
 Concen: 0.449 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099228.D
 Acq: 26 Mar 2019 23:14

Instrument :
 BNA_E
 ClientSampleId :
 P021-TW001-01

Tgt Ion: 330 Resp: 1509
 Ion Ratio Lower Upper
 330 100
 332 98.5 71.3 106.9
 141 30.6 21.7 32.5

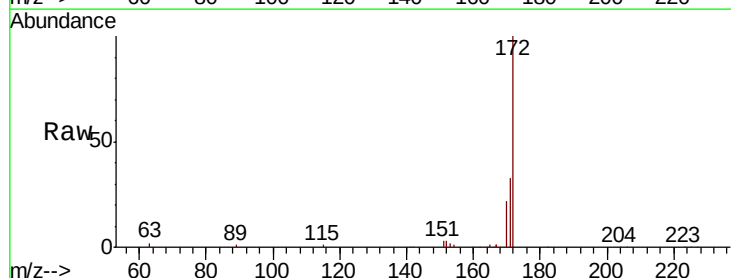


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

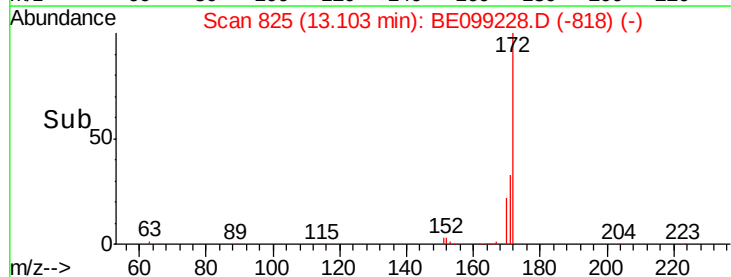
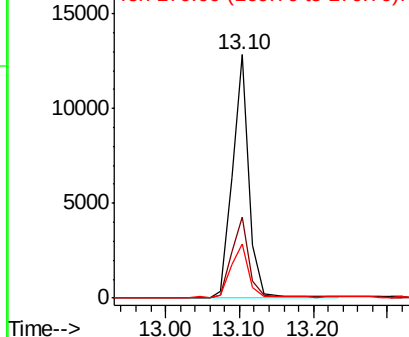


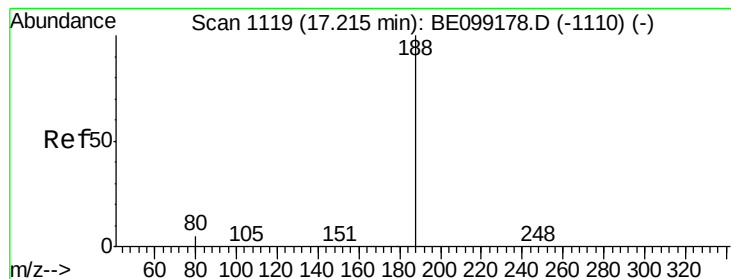
#15
 2-Fluorobiphenyl
 Concen: 0.397 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099228.D
 Acq: 26 Mar 2019 23:14

Tgt Ion: 172 Resp: 19549
 Ion Ratio Lower Upper
 172 100
 171 33.2 27.4 41.0
 170 22.4 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: BE099228.D

Acq: 26 Mar 2019 23:14

Instrument :

BNA_E

ClientSampleId :

P021-TW001-01

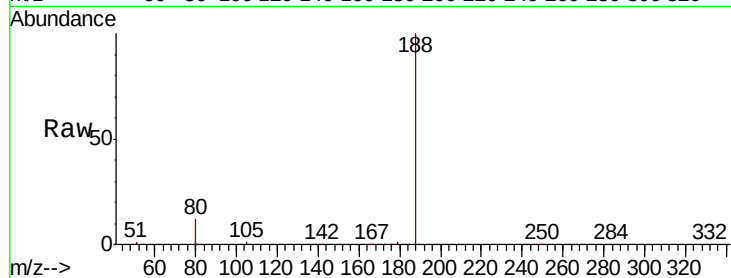
Tgt Ion:188 Resp: 34540

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

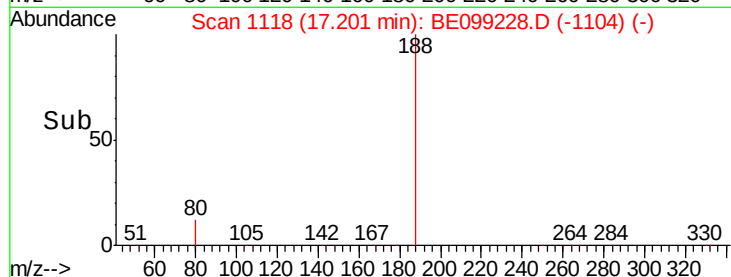
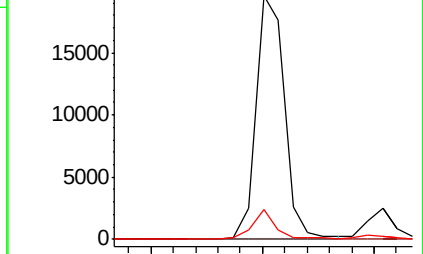
80 12.2 4.5 6.7#



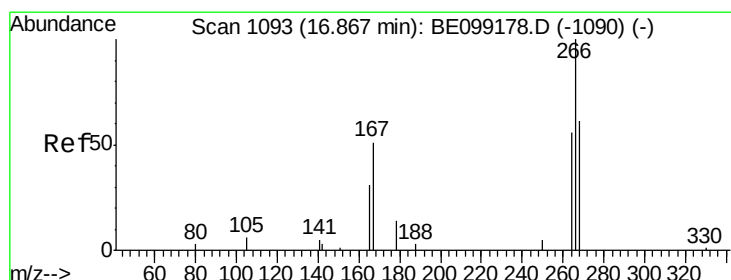
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#22

Pentachlorophenol

Concen: 0.250 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

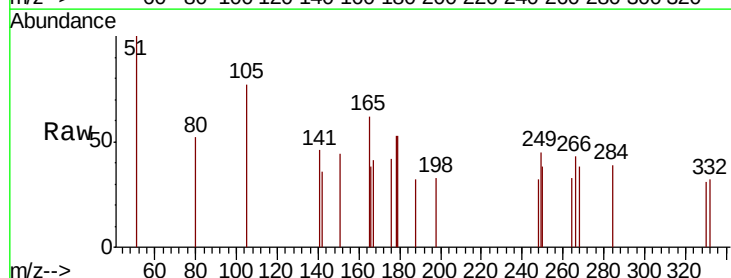
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

264 76.9 54.4 81.6

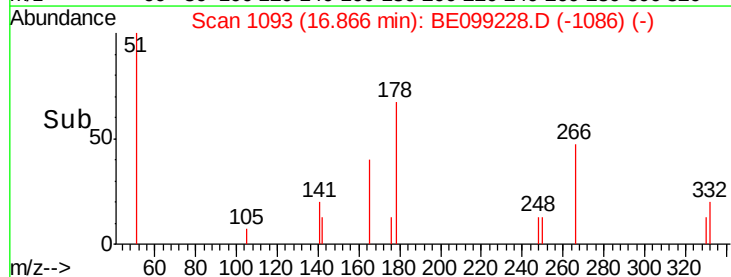
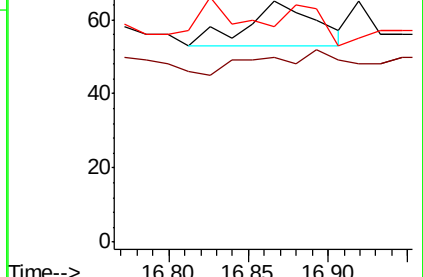
268 89.2 61.3 91.9



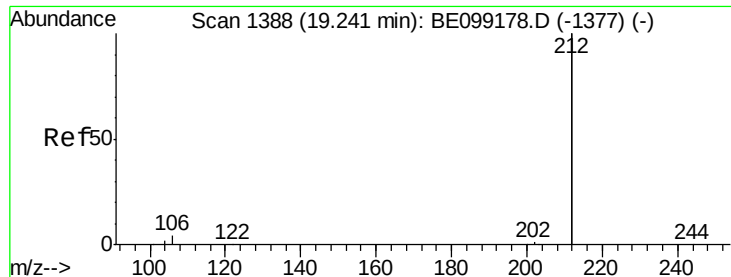
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

Instrument :

BNA_E

ClientSampleId :

P021-TW001-01

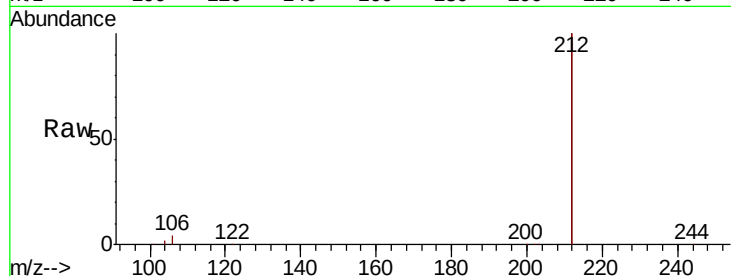
Tgt Ion:212 Resp: 166576

Ion Ratio Lower Upper

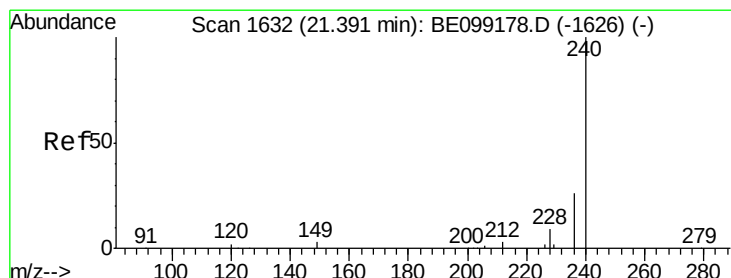
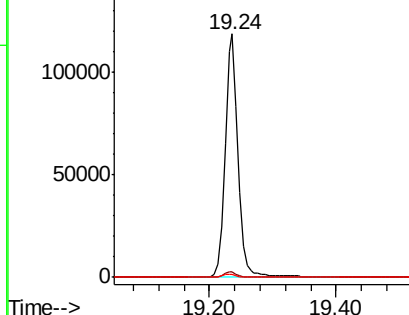
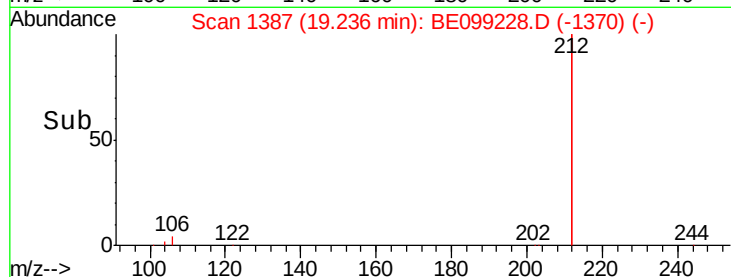
212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

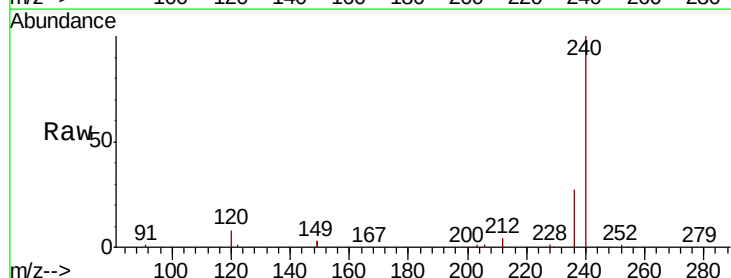
Tgt Ion:240 Resp: 38007

Ion Ratio Lower Upper

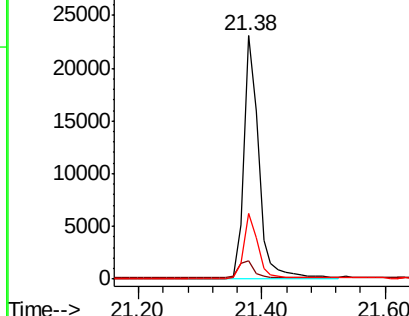
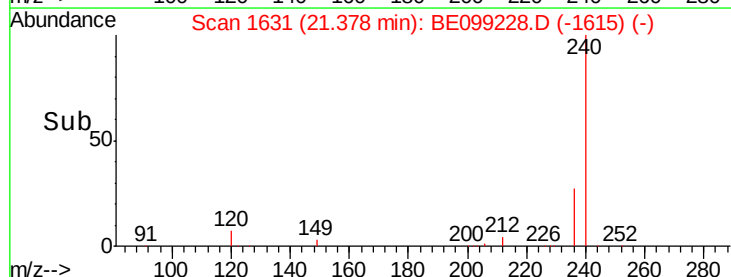
240 100

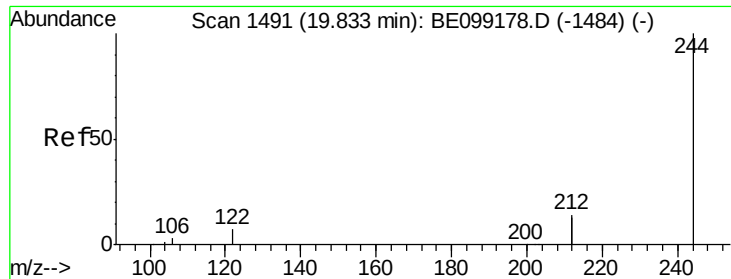
120 7.6 2.6 3.8#

236 27.0 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: 0.404 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

Instrument :

BNA_E

ClientSampleId :

P021-TW001-01

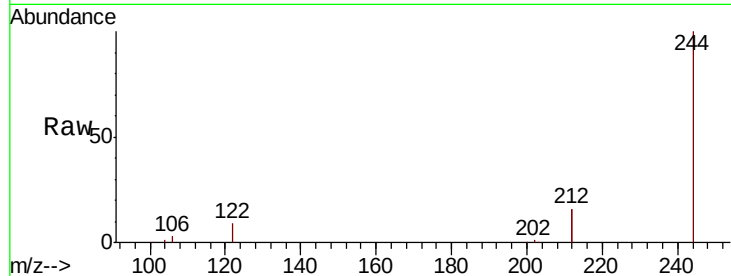
Tgt Ion:244 Resp: 33433

Ion Ratio Lower Upper

244 100

212 31.0 22.7 34.1

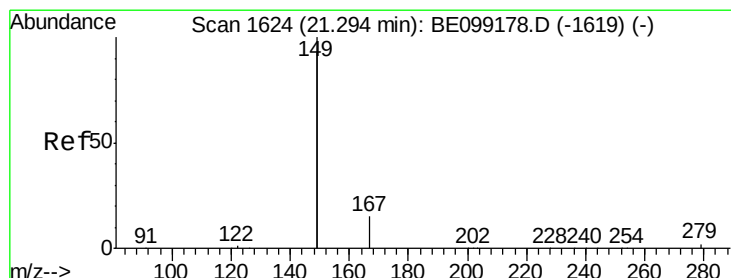
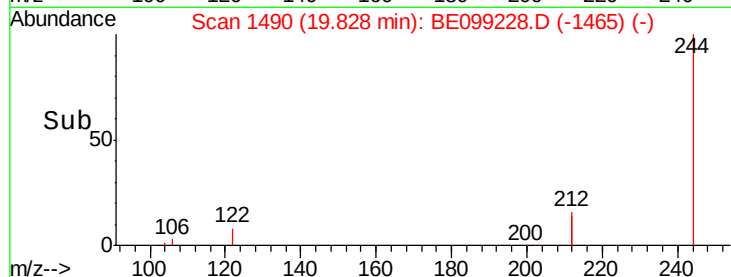
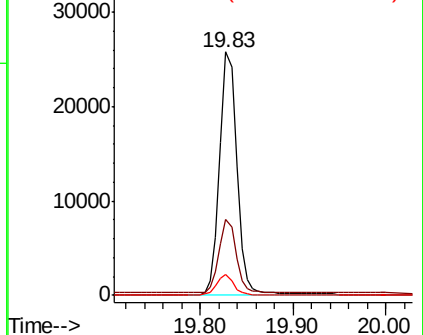
122 8.6 5.8 8.6



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: 0.089 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

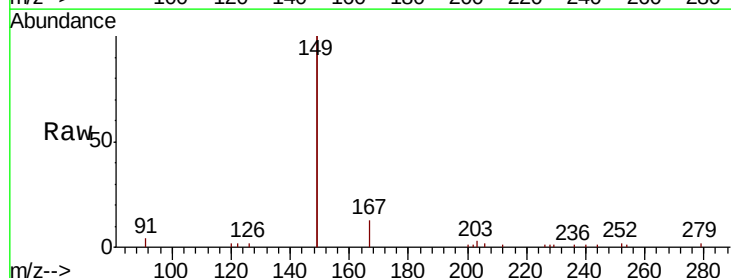
Tgt Ion:149 Resp: 13366

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

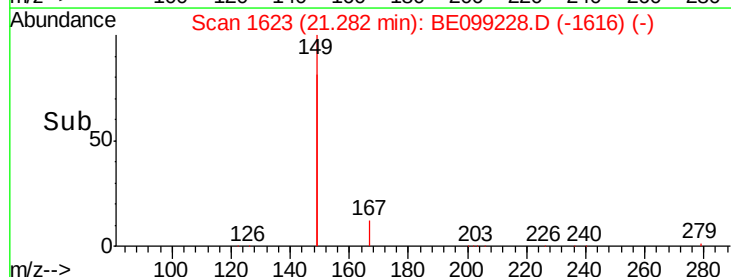
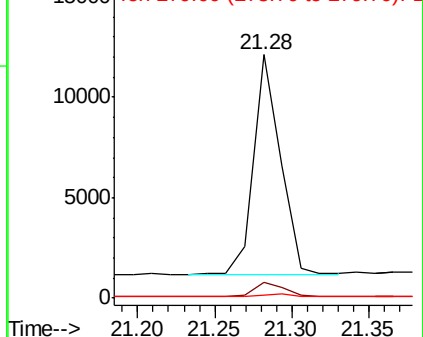
279 0.9 1.0 1.6#

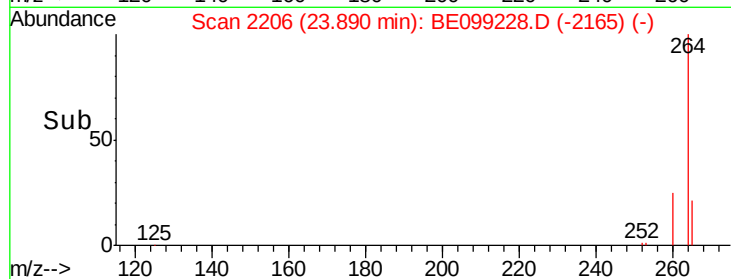
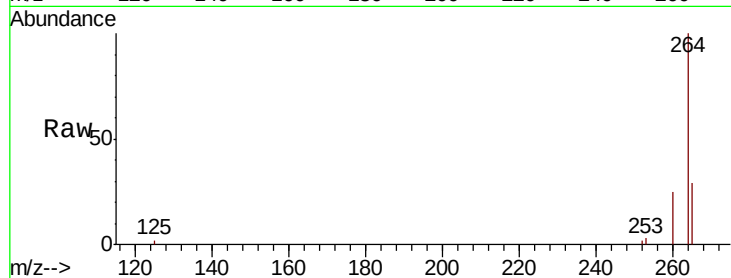
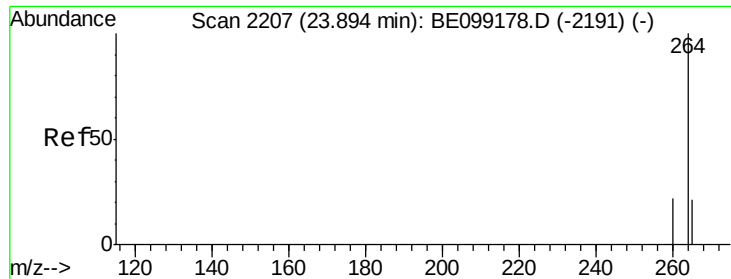


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE099228.D

Acq: 26 Mar 2019 23:14

Instrument :

BNA_E

ClientSampleId :

P021-TW001-01

Tgt Ion:264 Resp: 32893

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.2

265 29.2 21.8 32.8

