

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098464.D
 Acq On : 15 Dec 2018 9:54
 Operator : SJ/JU
 Sample : J6358-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

Quant Time: Dec 16 00:52:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

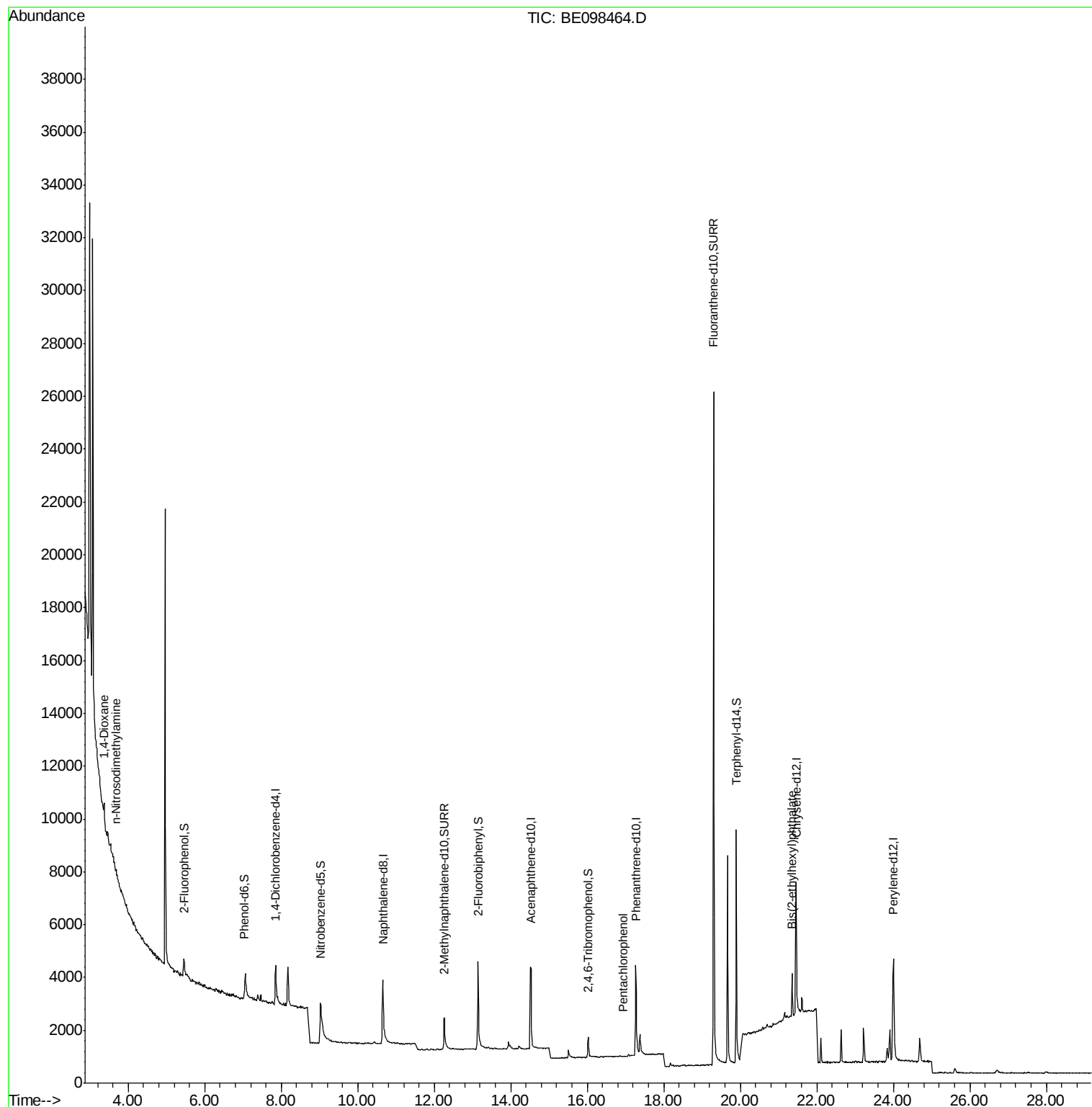
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	894	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3779	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2455	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5924	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7385	0.40	ng	0.00
34) Perylene-d12	24.00	264	7145	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	549	0.26	ng	0.00
5) Phenol-d6	7.04	99	506	0.17	ng	0.00
8) Nitrobenzene-d5	9.03	82	1394	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2711	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	594	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4604	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	37852	0.50	ng	0.00
29) Terphenyl-d14	19.89	244	8318	0.46	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	363	0.235	ng	Qvalue # 67
3) n-Nitrosodimethylamine	3.69	42	82	0.059	ng	# 100
22) Pentachlorophenol	16.94	266	17	0.049	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.35	149	1969	0.046	ng	# 99

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

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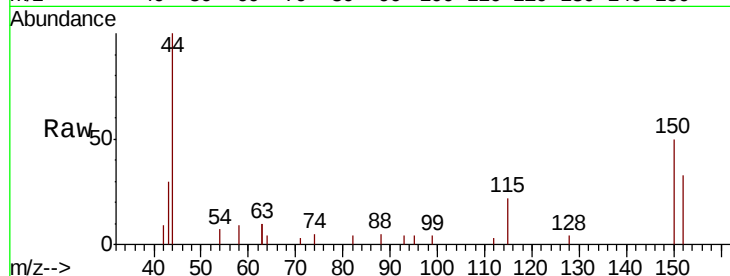


#1

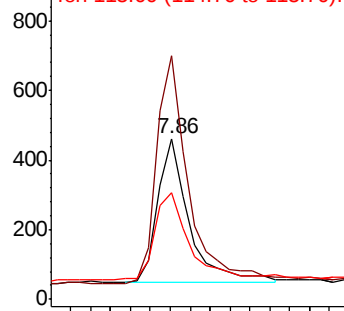
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098464.D
Acq: 15 Dec 2018 9:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP06-20181211

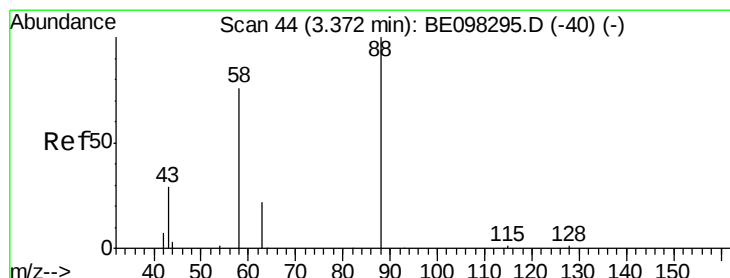
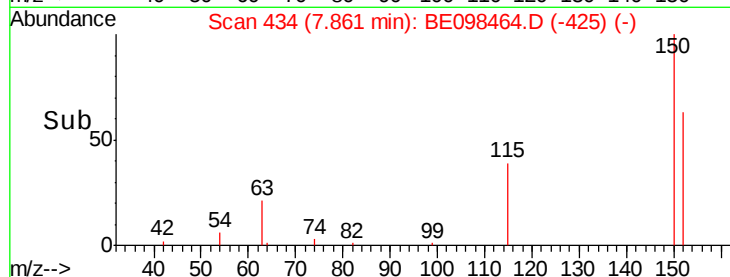
Tgt Ion: 152 Resp: 894
Ion Ratio Lower Upper
152 100
150 151.6 124.2 186.4
115 66.6 53.9 80.9



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



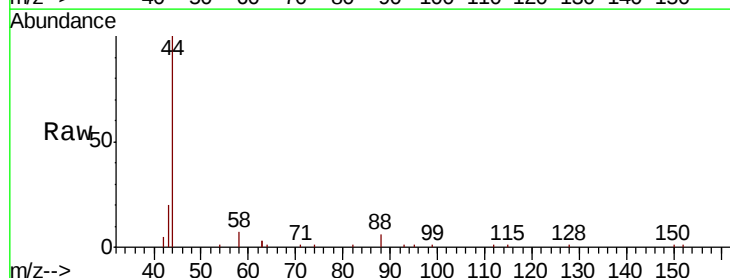
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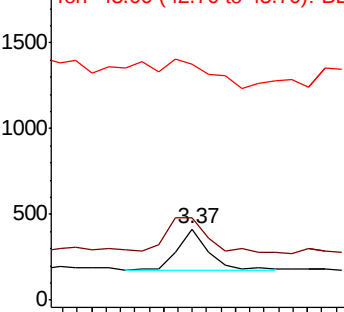
#2

1,4-Dioxane
Concen: 0.235 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098464.D
Acq: 15 Dec 2018 9:54

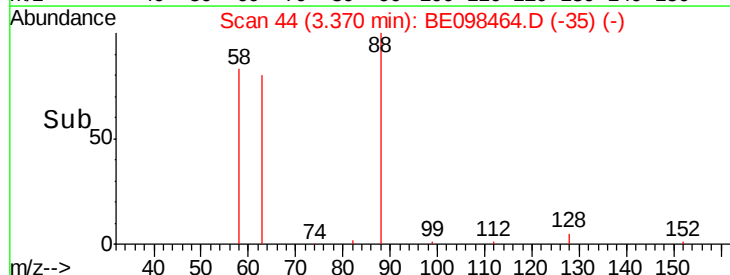
Tgt Ion: 88 Resp: 363
Ion Ratio Lower Upper
88 100
58 107.4 75.0 112.6
43 0.0 38.3 57.5#



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



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.059 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

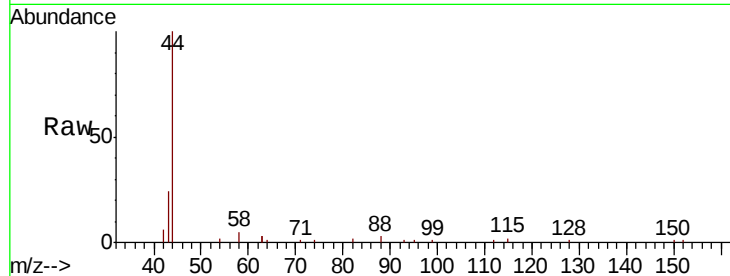
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

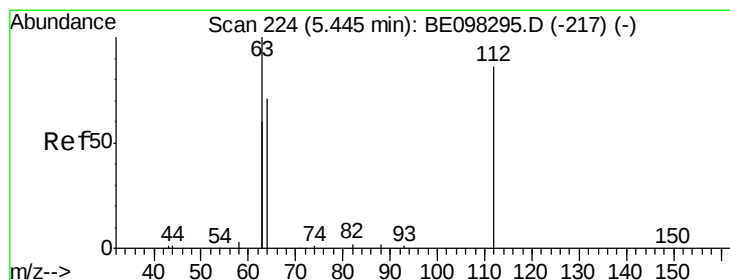
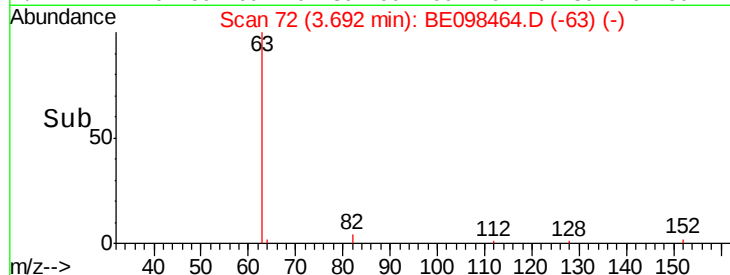
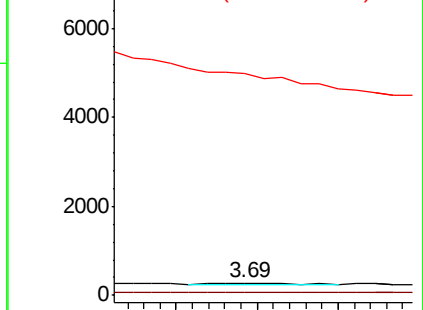
42 100

74 42.7 0.0 0.0#

44 0.0 0.0 0.0



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: 0.262 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

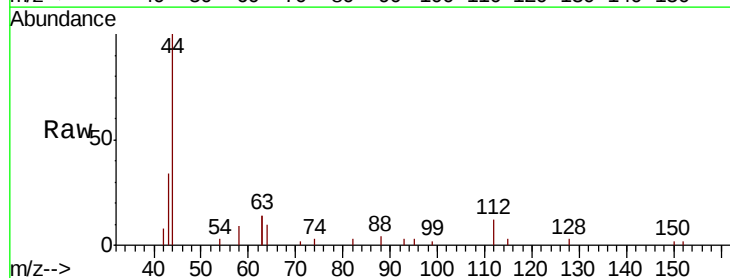
Tgt Ion: 112 Resp: 549

Ion Ratio Lower Upper

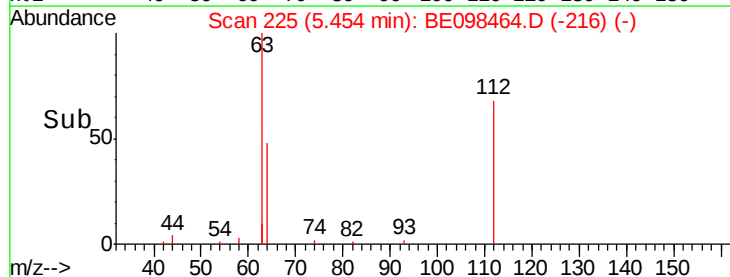
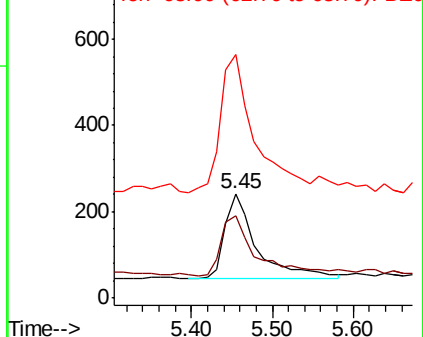
112 100

64 75.6 59.8 89.8

63 171.8 133.7 200.5



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: 0.171 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

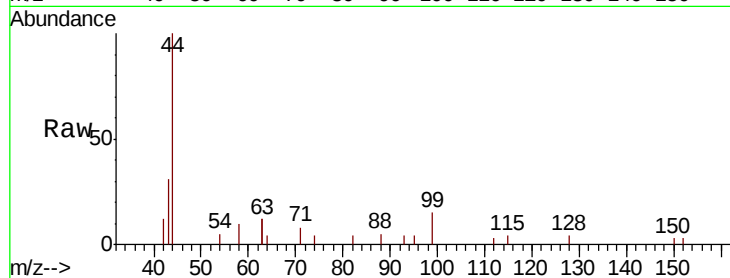
Tgt Ion: 99 Resp: 506

Ion Ratio Lower Upper

99 100

42 45.8 26.3 39.5#

71 40.3 33.6 50.4



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

7.04

250

200

150

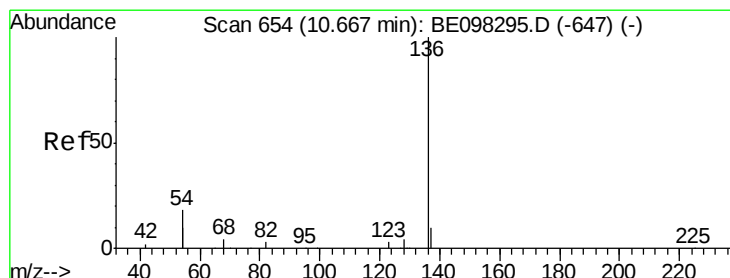
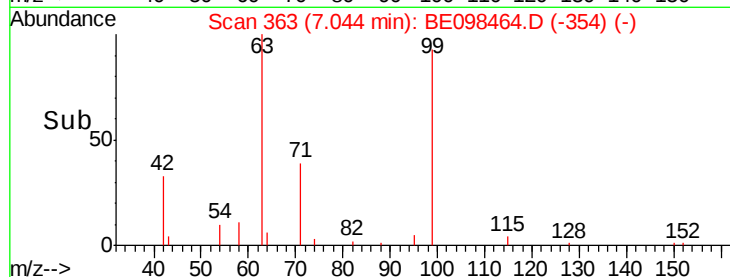
100

50

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Tgt Ion: 136 Resp: 3779

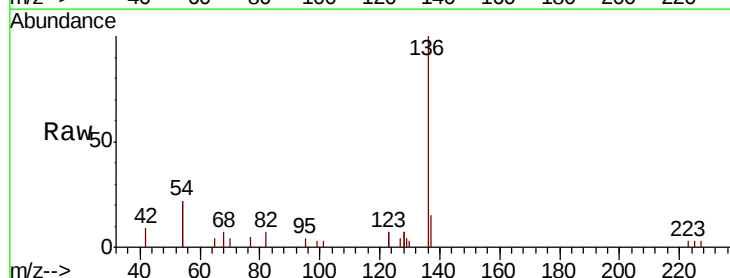
Ion Ratio Lower Upper

136 100

137 14.9 9.2 13.8#

54 43.8 28.4 42.6#

68 7.3 5.4 8.0



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

10.67

2000

1500

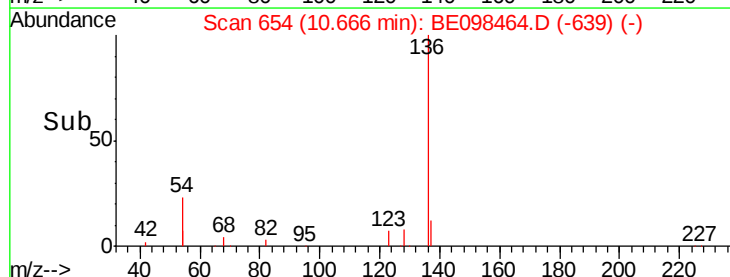
1000

500

0

10.50 10.60 10.70 10.80

Time-->

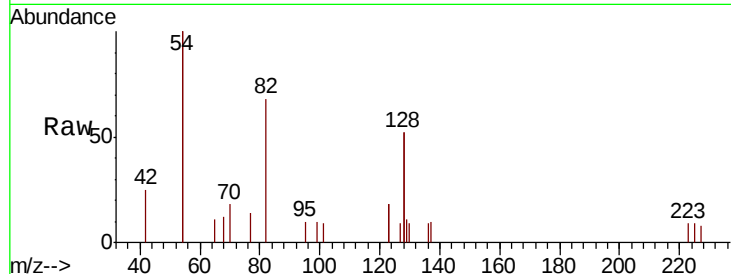




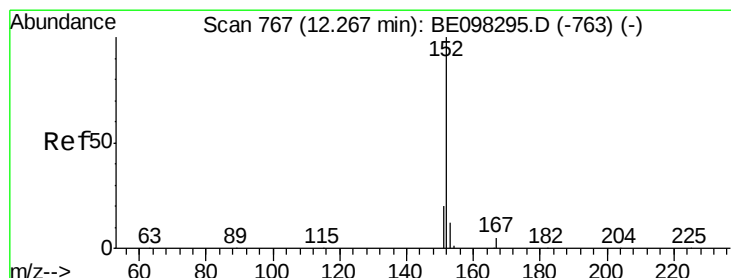
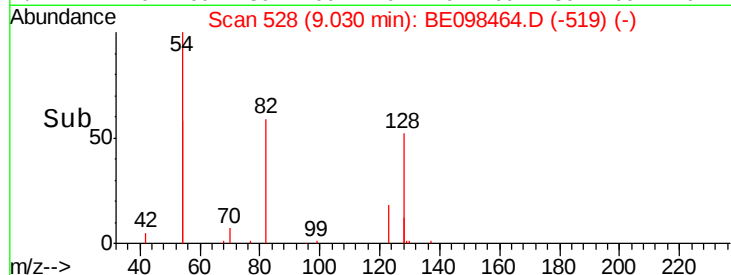
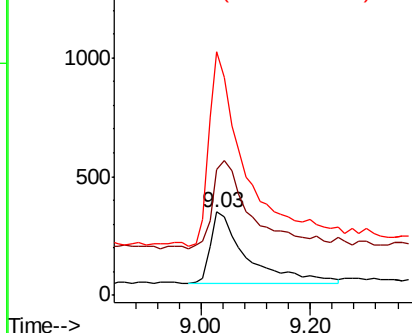
#8
 Nitrobenzene-d5
 Concen: 0.405 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

Tgt Ion	Ratio	Lower	Upper
82	100		
128	151.0	102.4	153.6
54	292.3	221.8	332.8

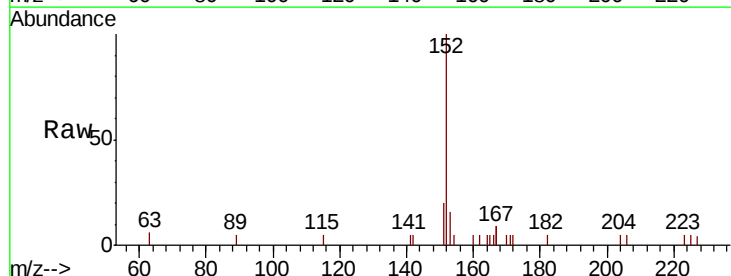


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

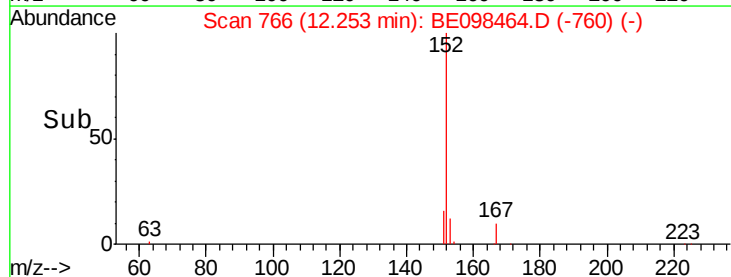
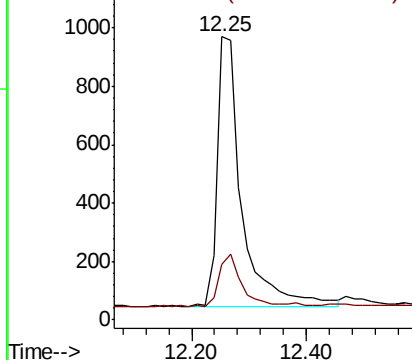


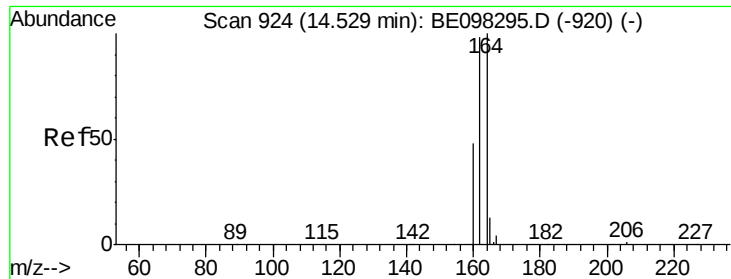
#11
 2-Methylnaphthalene-d10
 Concen: 0.441 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

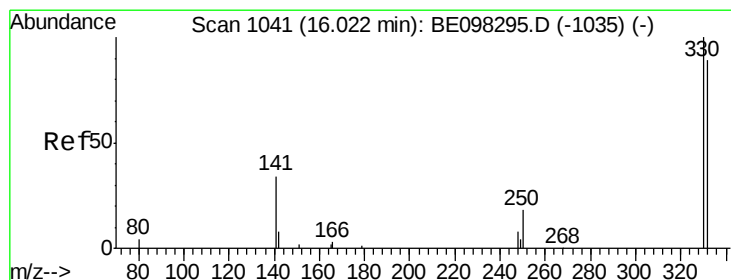
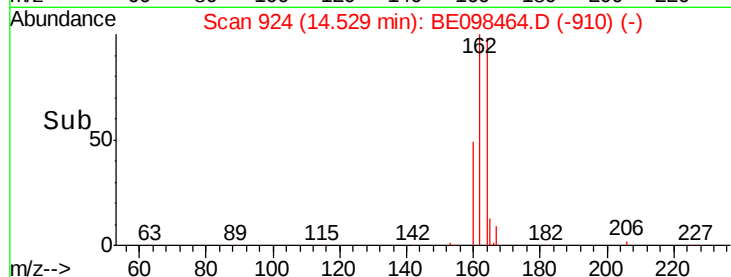
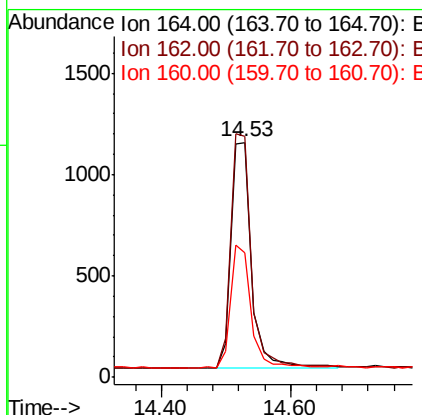
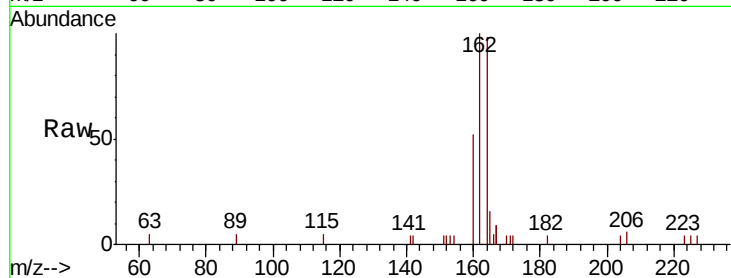




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098464.D
Acq: 15 Dec 2018 9:54

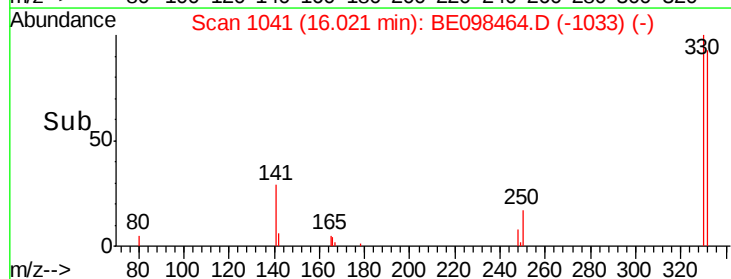
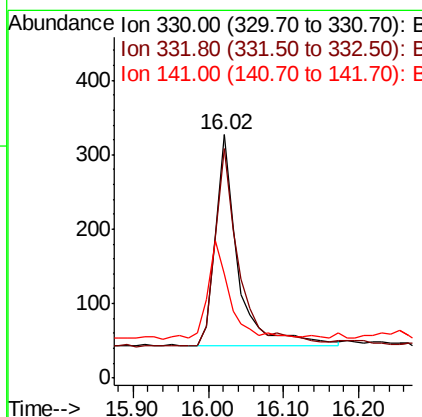
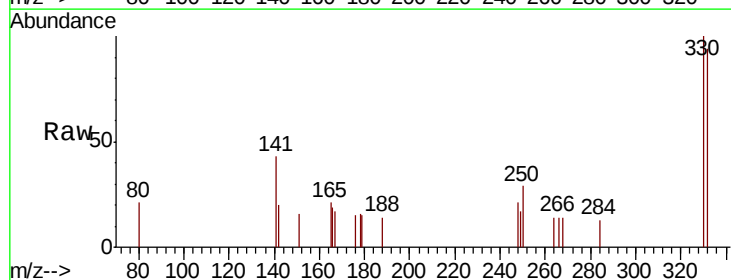
Instrument :
BNA_E
ClientSampleId :
BP-DUP06-20181211

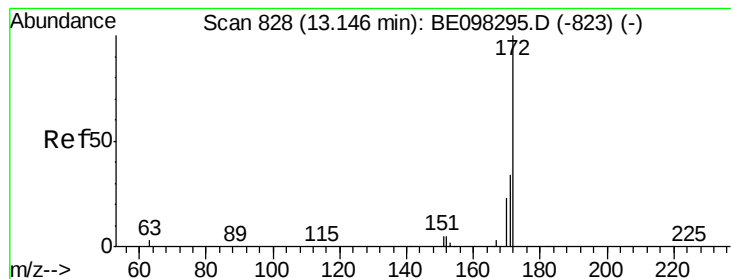
Tgt Ion:164 Resp: 2455
Ion Ratio Lower Upper
164 100
162 102.5 77.6 116.4
160 53.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.659 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098464.D
Acq: 15 Dec 2018 9:54

Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 99.7 76.2 114.4
141 40.9 39.0 58.4





#15

2-Fluorobiphenyl

Concen: 0.445 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

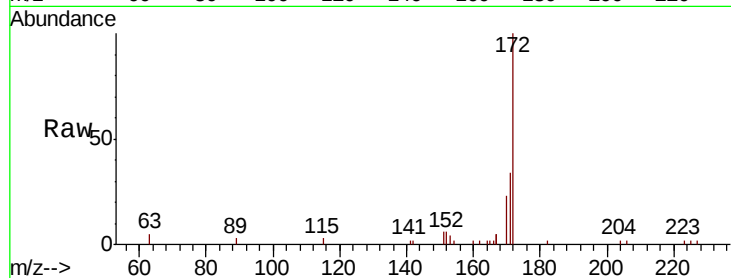
Tgt Ion:172 Resp: 4604

Ion Ratio Lower Upper

172 100

171 33.8 27.5 41.3

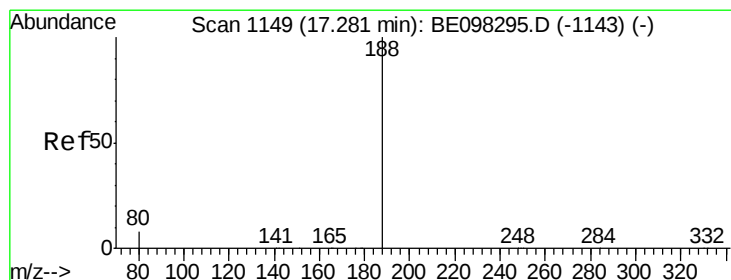
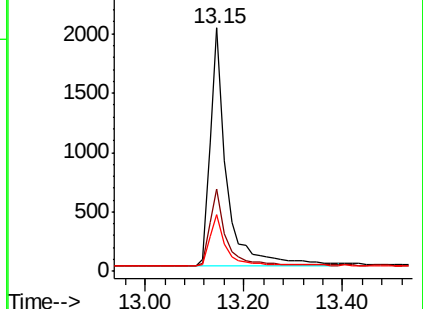
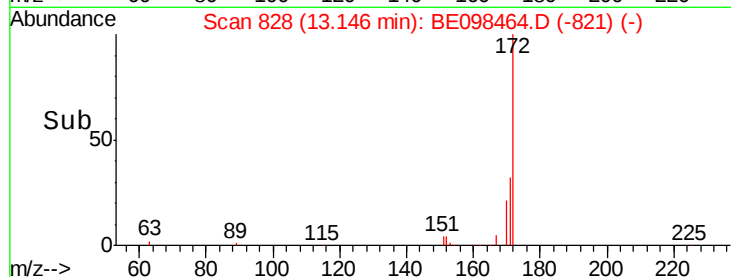
170 23.2 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

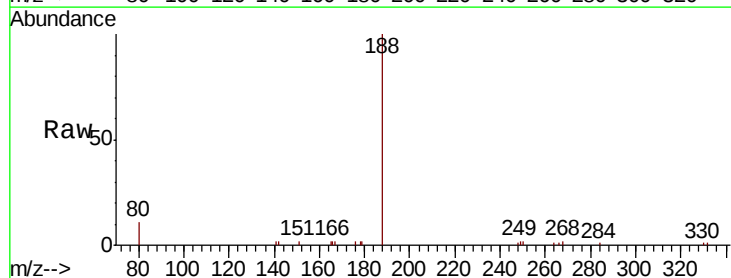
Tgt Ion:188 Resp: 5924

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

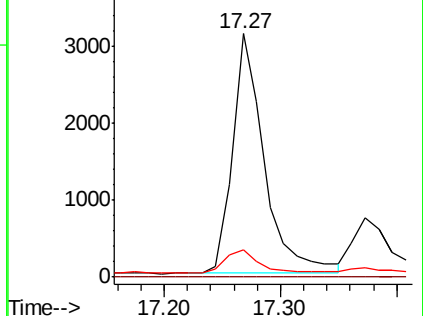
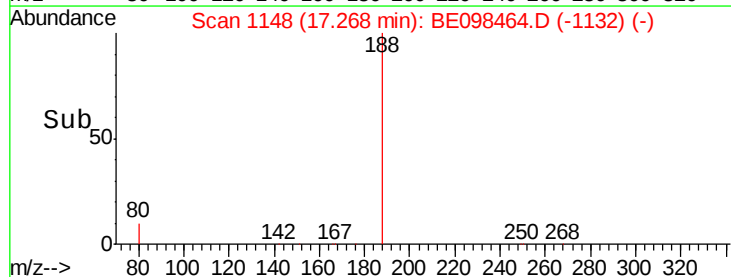
80 11.3 7.2 10.8#

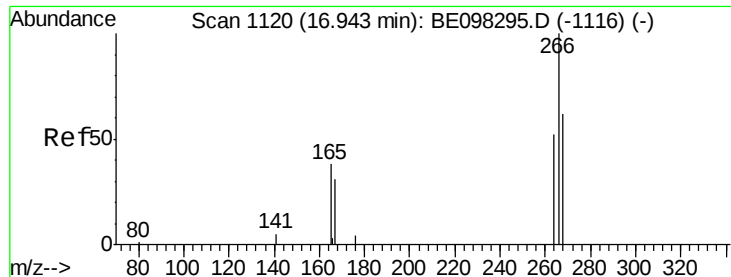


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

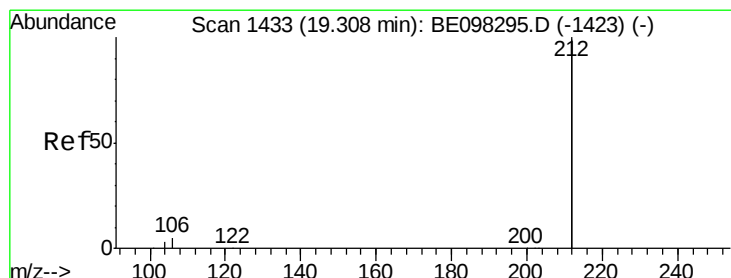
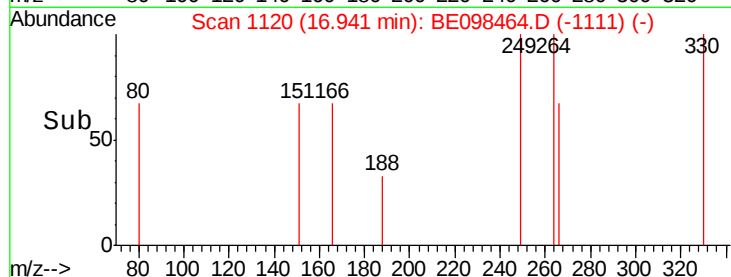
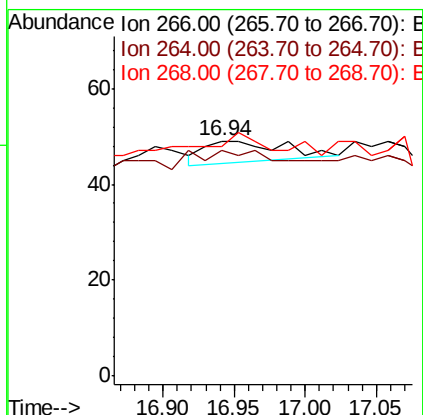
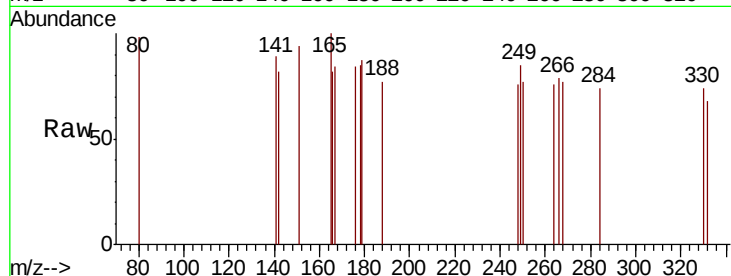




#22
 Pentachlorophenol
 Concen: 0.049 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

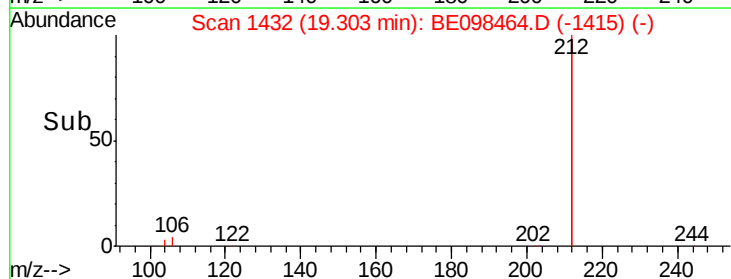
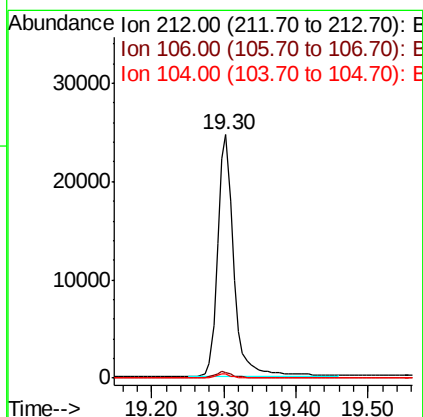
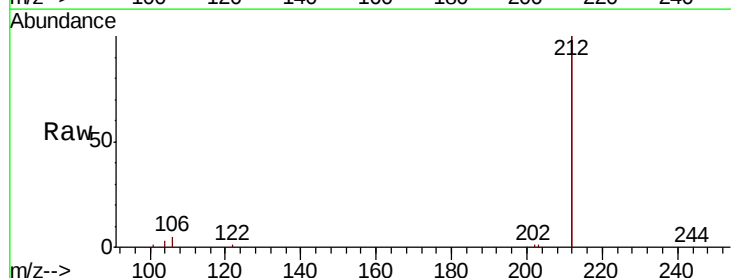
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

Tgt Ion: 266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 95.9 59.0 88.4#
 268 98.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.498 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Tgt Ion: 212 Resp: 37852
 Ion Ratio Lower Upper
 212 100
 106 2.4 2.2 3.2
 104 1.5 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

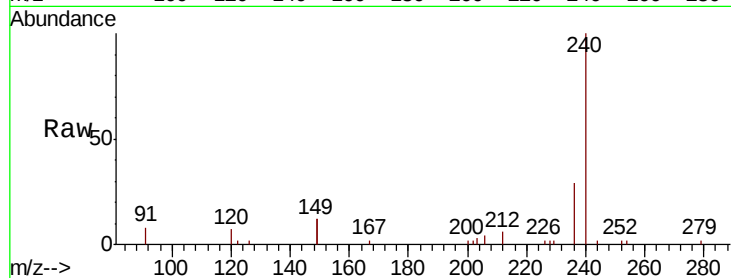
Tgt Ion:240 Resp: 7385

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

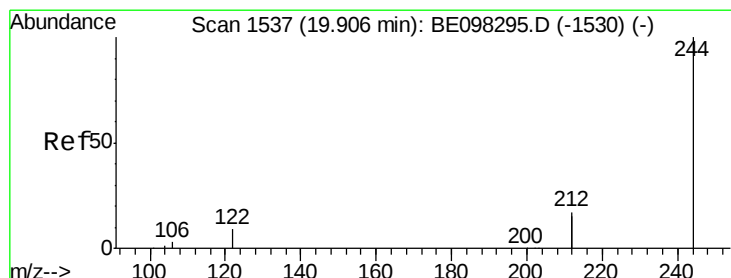
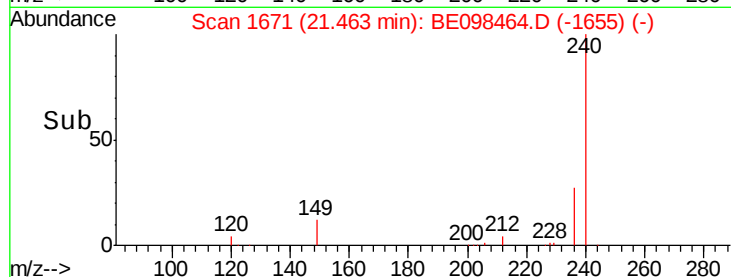
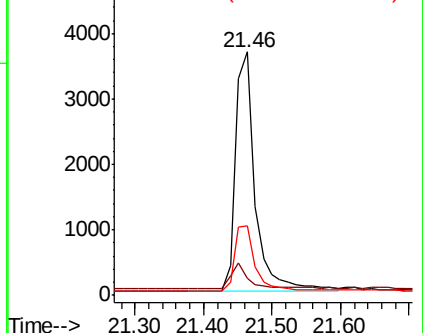
236 28.6 22.7 34.1



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: 0.463 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

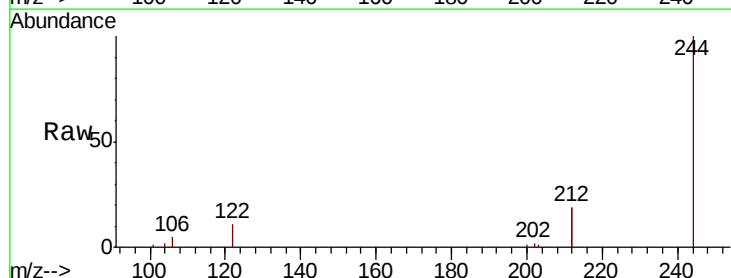
Tgt Ion:244 Resp: 8318

Ion Ratio Lower Upper

244 100

212 38.2 27.4 41.0

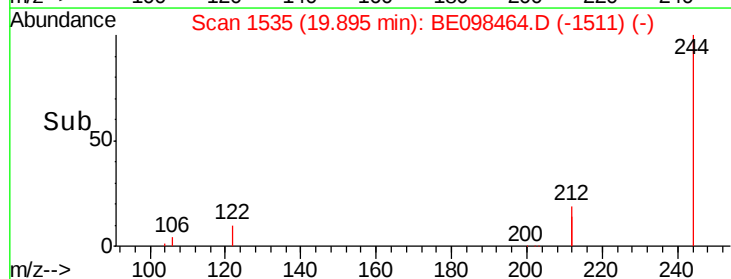
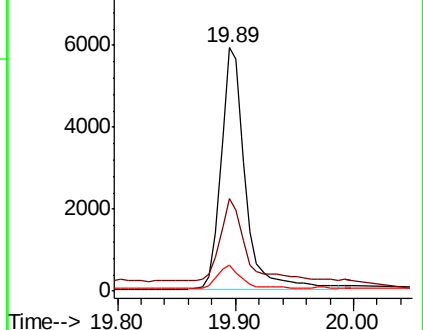
122 10.8 8.3 12.5

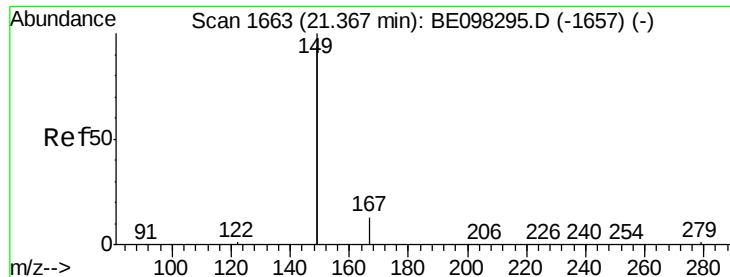


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

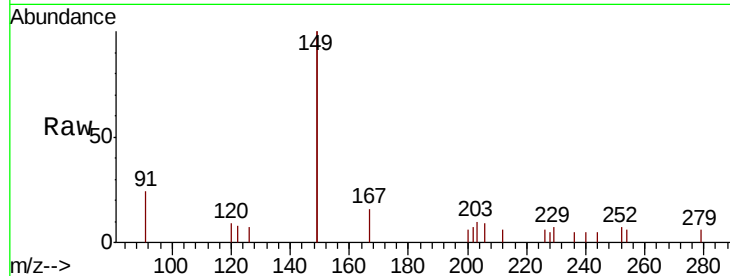




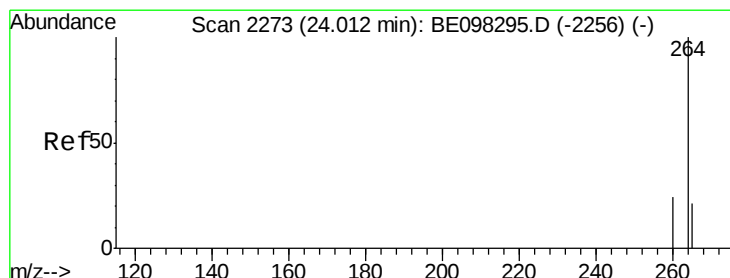
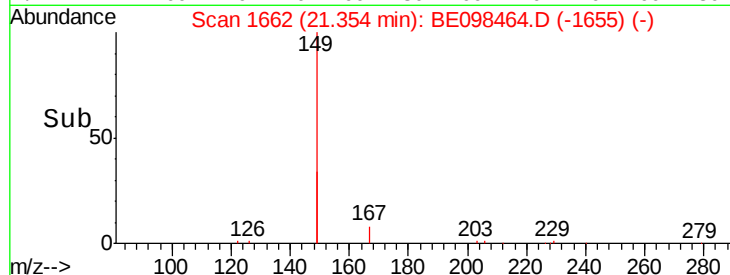
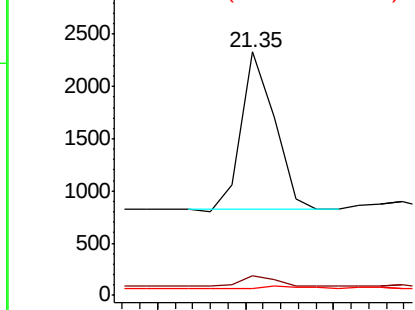
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

Tgt Ion:149 Resp: 1969
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.7 8.5
 279 2.5 1.0 1.4#

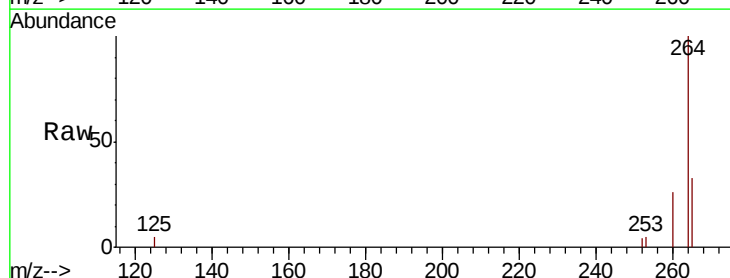


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Tgt Ion:264 Resp: 7145
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 32.6 25.2 37.8



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

