

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
 Data File : BE098515.D
 Acq On : 18 Dec 2018 16:32
 Operator : SJ/JU
 Sample : J6358-12MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Quant Time: Dec 19 00:02:06 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

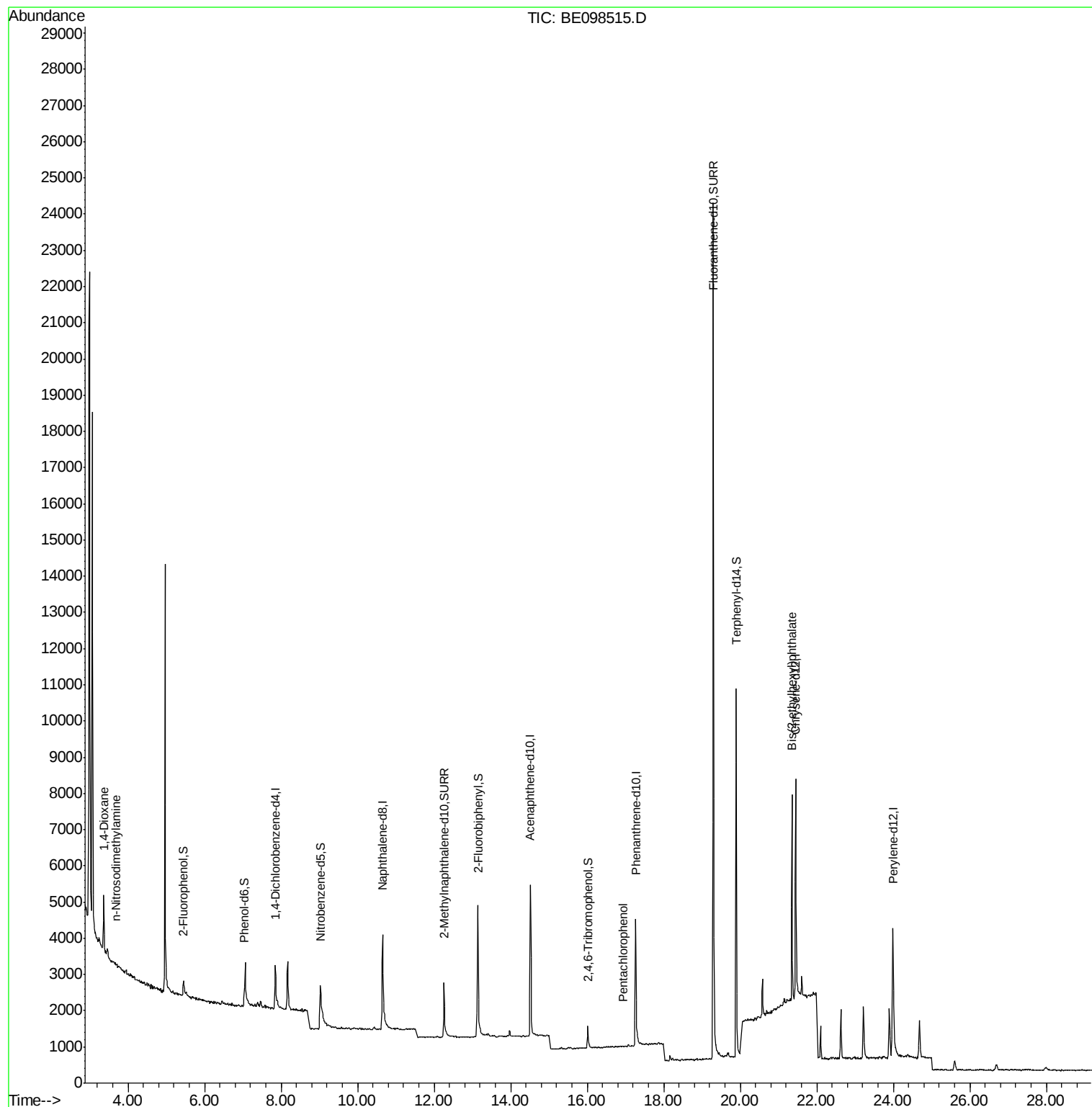
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	757	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3846	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2660	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6560	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7289	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6882	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	399	0.23	ng	0.00
5) Phenol-d6	7.03	99	404	0.16	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1044	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2525	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	429	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5073	0.45	ng	0.00
25) Fluoranthene-d10	19.29	212	34814	0.41	ng	-0.02
29) Terphenyl-d14	19.89	244	9624	0.54	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.36	88	769	0.587	ng	# 75
3) n-Nitrosodimethylamine	3.69	42	32	0.027	ng	# 100
22) Pentachlorophenol	16.94	266	8	0.030	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.35	149	6800	0.161	ng	98

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

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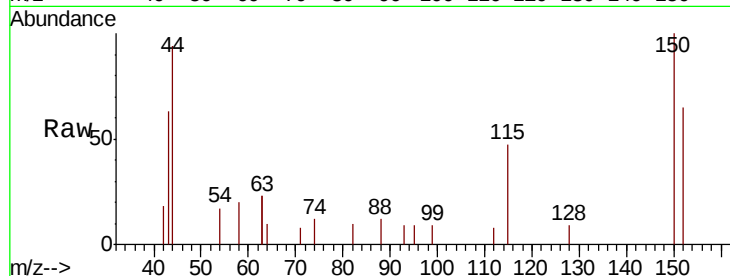


#1

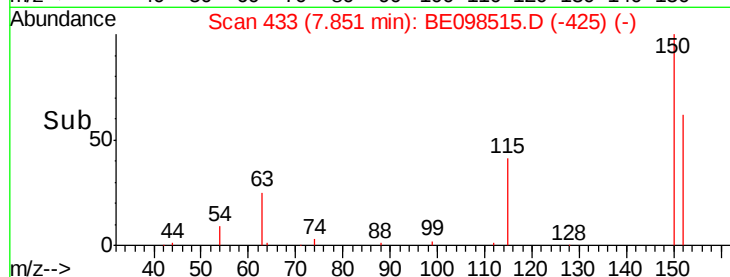
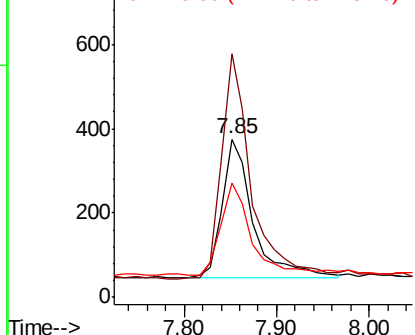
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098515.D
Acq: 18 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tgt Ion: 152 Resp: 757
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.4
115 72.0 53.9 80.9



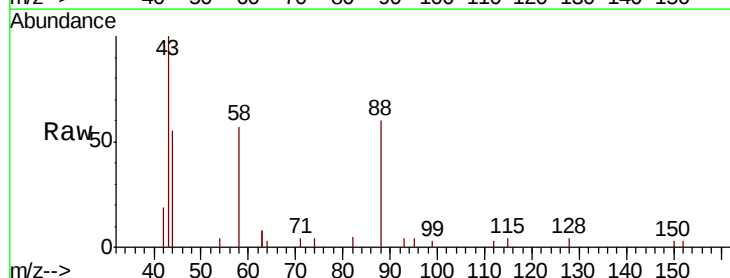
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



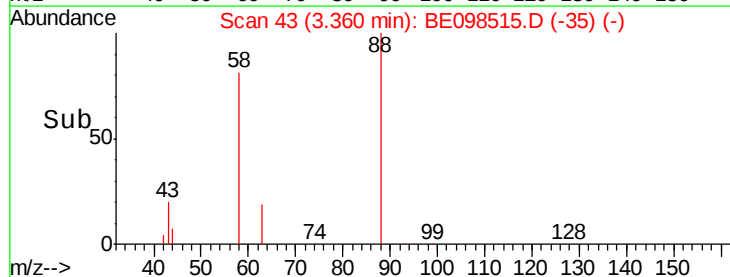
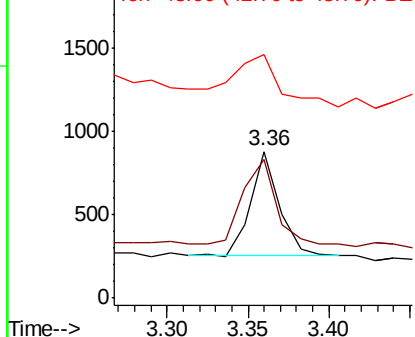
#2

1,4-Dioxane
Concen: 0.587 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098515.D
Acq: 18 Dec 2018 16:32

Tgt Ion: 88 Resp: 769
Ion Ratio Lower Upper
88 100
58 99.2 75.0 112.6
43 90.5 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





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

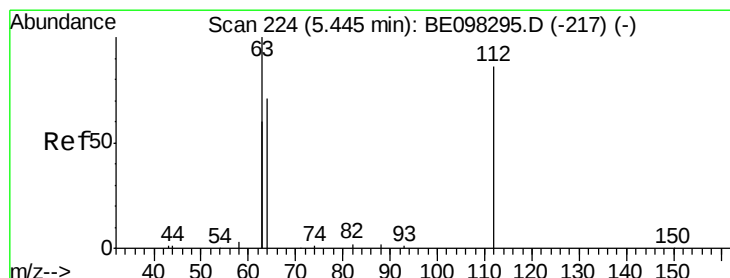
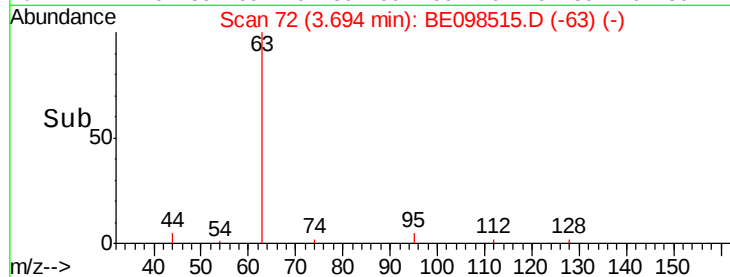
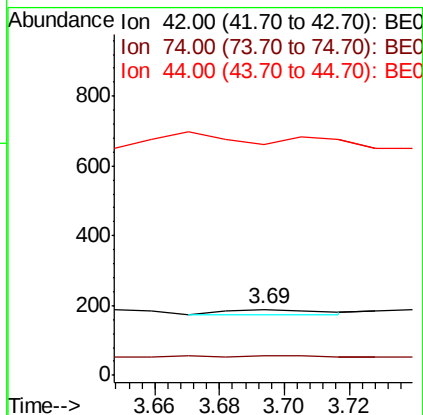
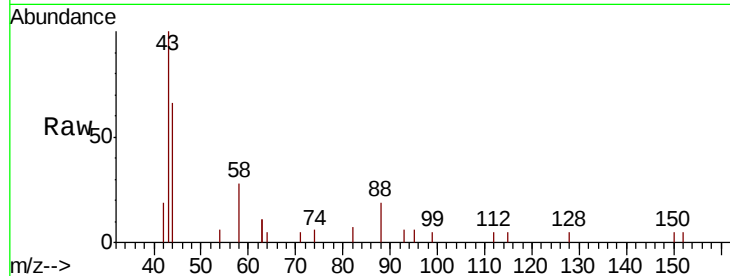
Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tgt Ion:	42	Resp:	32
Ion	Ratio	Lower	Upper
42	100		
74	25.0	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.225 ng

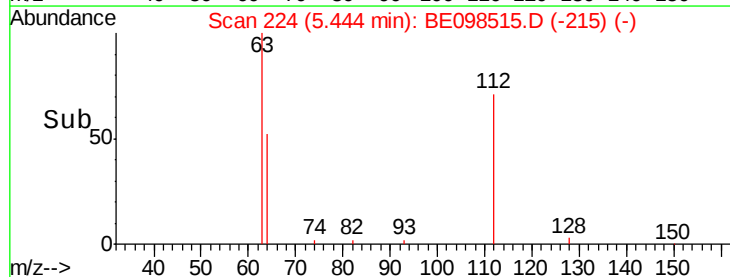
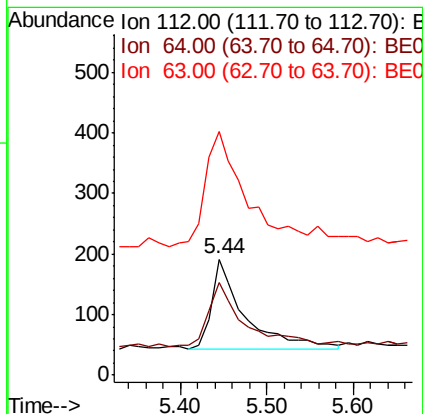
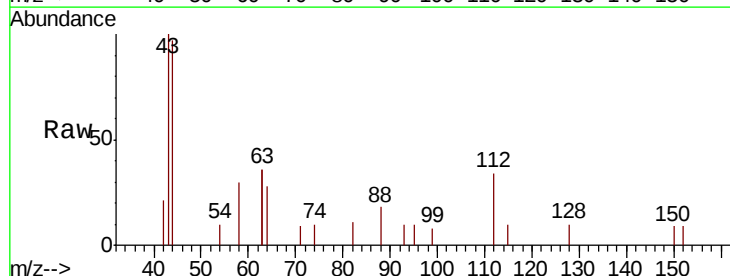
RT: 5.44 min Scan# 224

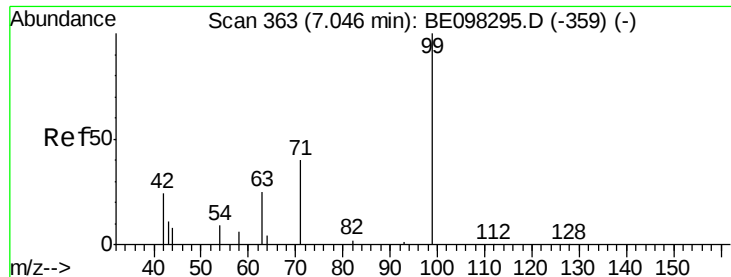
Delta R.T. -0.00 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

Tgt Ion:	112	Resp:	399
Ion	Ratio	Lower	Upper
112	100		
64	78.2	59.8	89.8
63	158.9	133.7	200.5





#5

Phenol-d6

Concen: 0.161 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

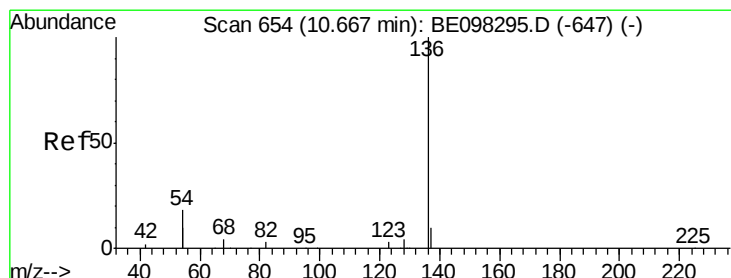
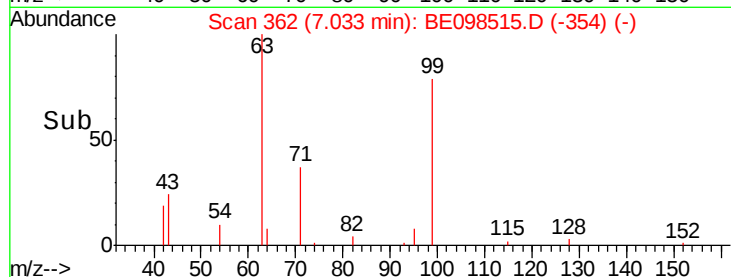
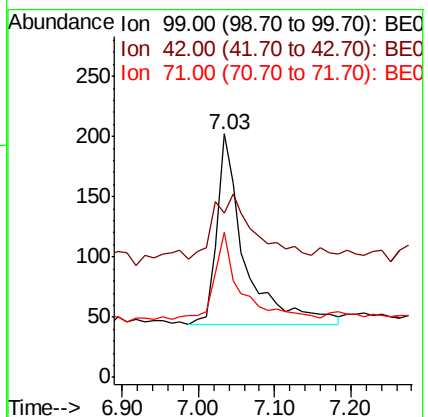
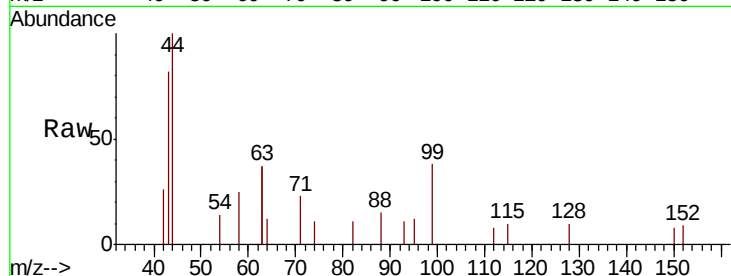
Tgt Ion: 99 Resp: 404

Ion Ratio Lower Upper

99 100

42 50.7 26.3 39.5#

71 42.8 33.6 50.4



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

Tgt Ion: 136 Resp: 3846

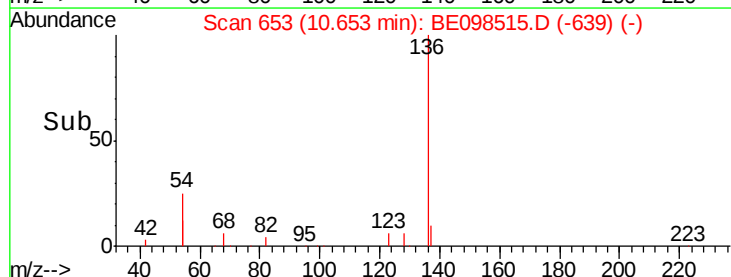
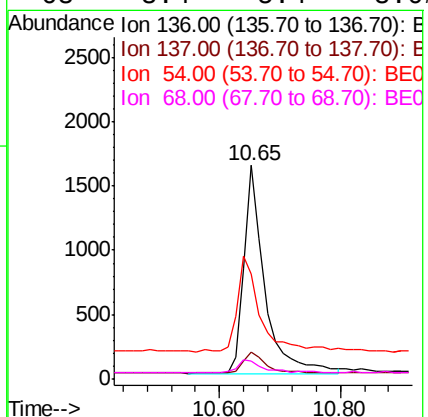
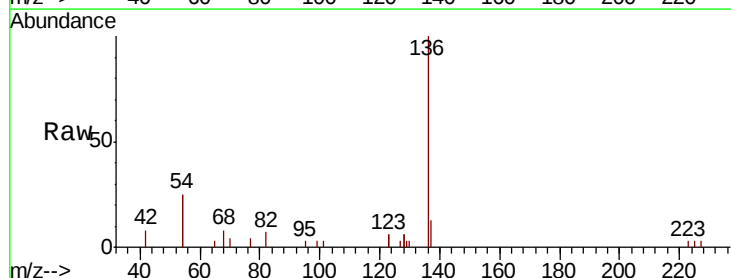
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 49.0 28.4 42.6#

68 8.4 5.4 8.0#





#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

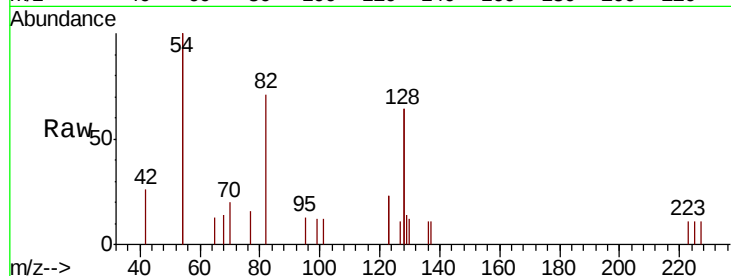
Tgt Ion: 82 Resp: 1044

Ion Ratio Lower Upper

82 100

128 181.3 102.4 153.6#

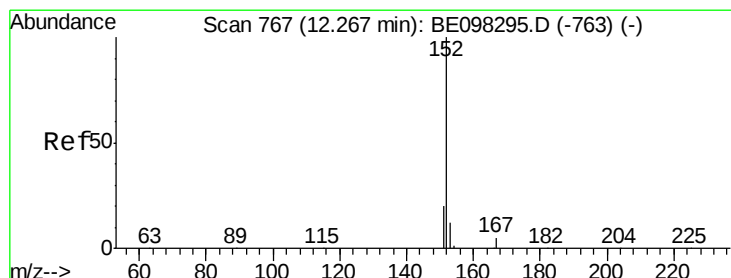
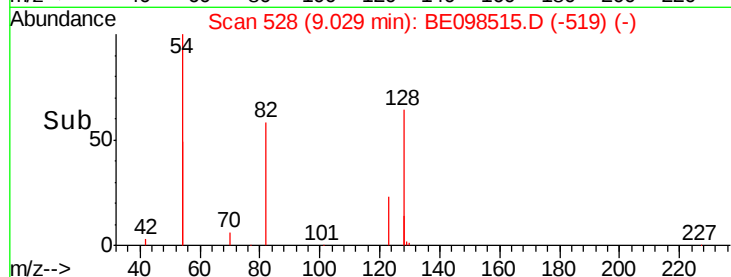
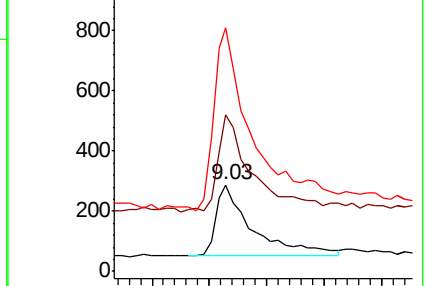
54 281.3 221.8 332.8



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: 0.404 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098515.D

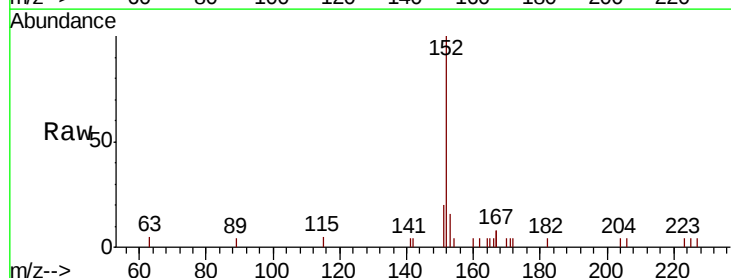
Acq: 18 Dec 2018 16:32

Tgt Ion: 152 Resp: 2525

Ion Ratio Lower Upper

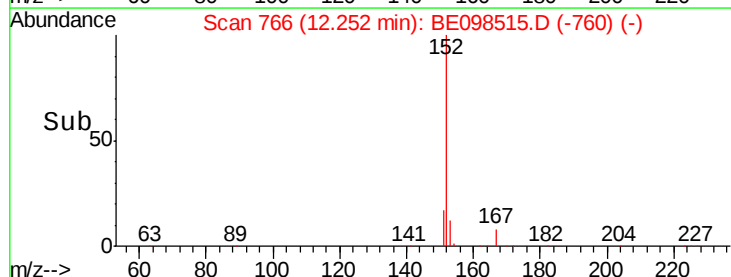
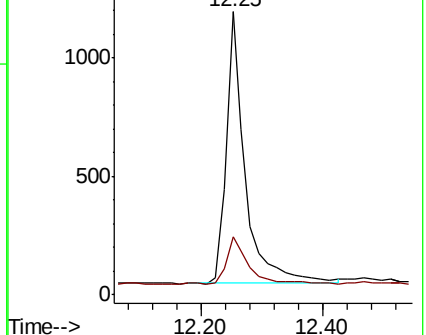
152 100

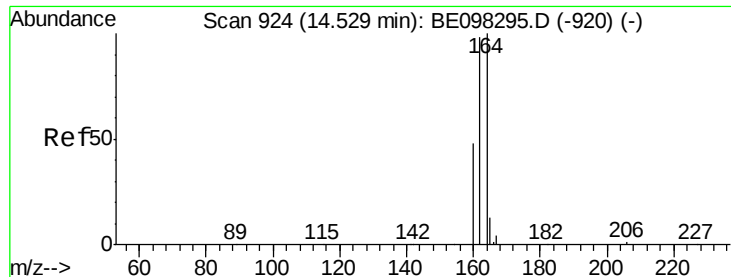
151 17.7 16.2 24.4



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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

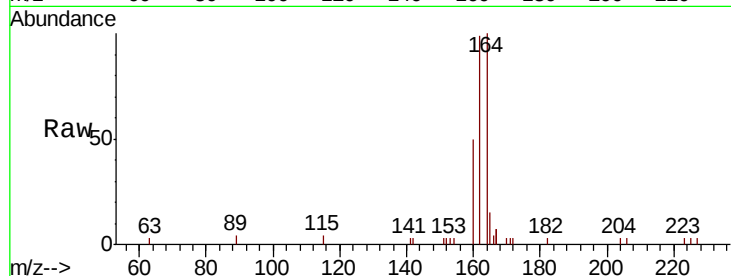
Tgt Ion:164 Resp: 2660

Ion Ratio Lower Upper

164 100

162 99.3 77.6 116.4

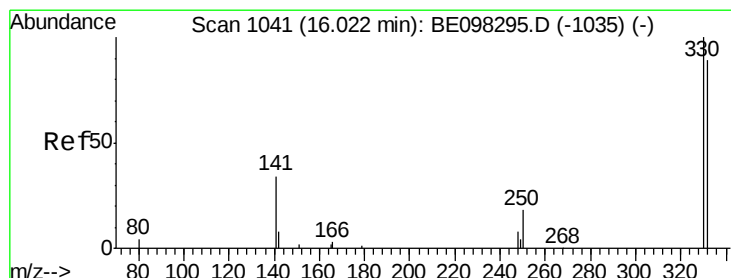
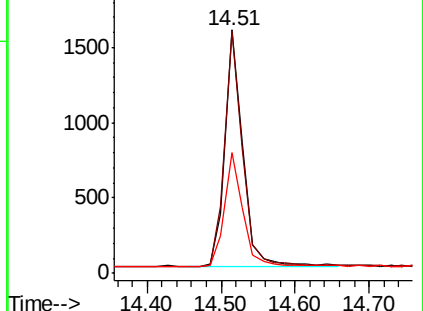
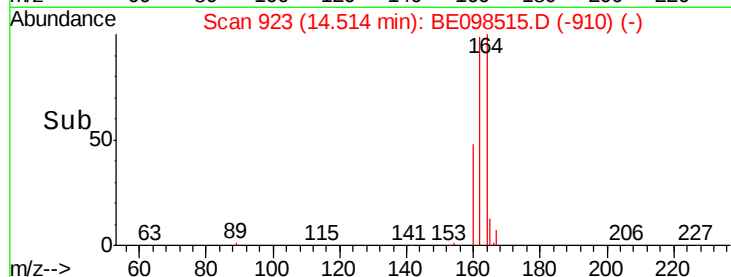
160 49.5 36.0 54.0



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: 0.439 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

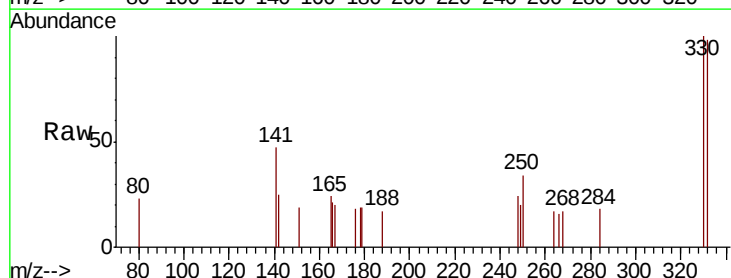
Tgt Ion:330 Resp: 429

Ion Ratio Lower Upper

330 100

332 106.5 76.2 114.4

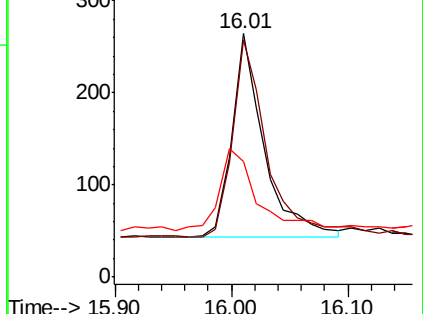
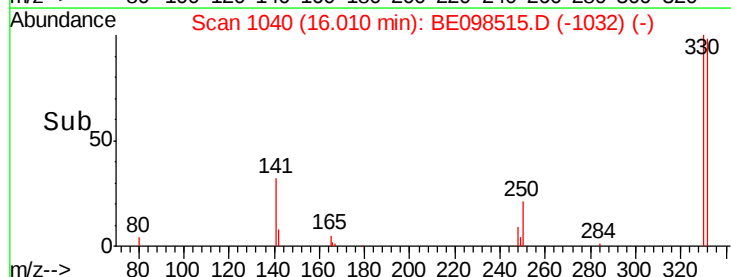
141 45.5 39.0 58.4

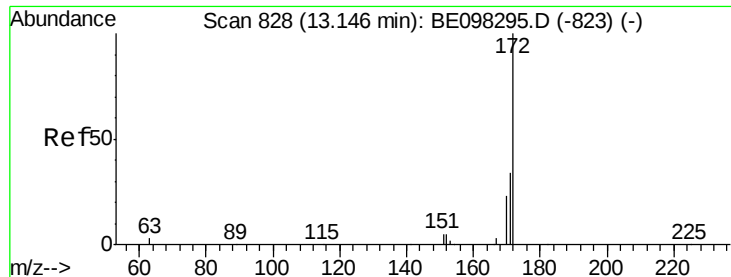


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

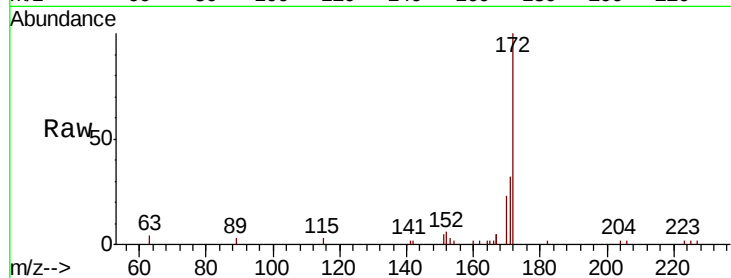




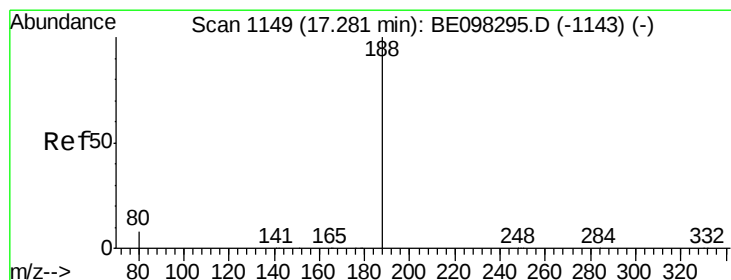
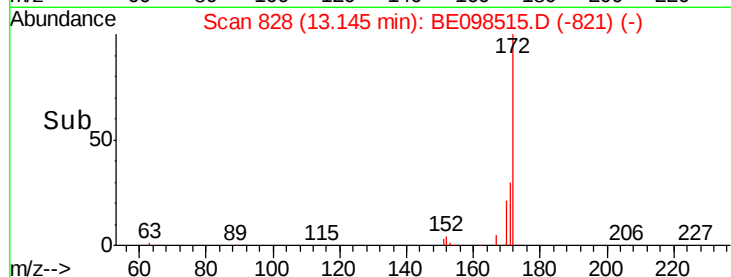
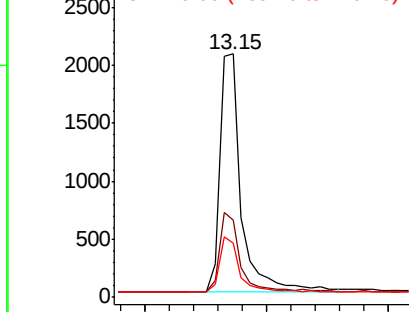
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098515.D
Acq: 18 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tgt Ion:172 Resp: 5073
Ion Ratio Lower Upper
172 100
171 31.9 27.5 41.3
170 22.5 19.6 29.4

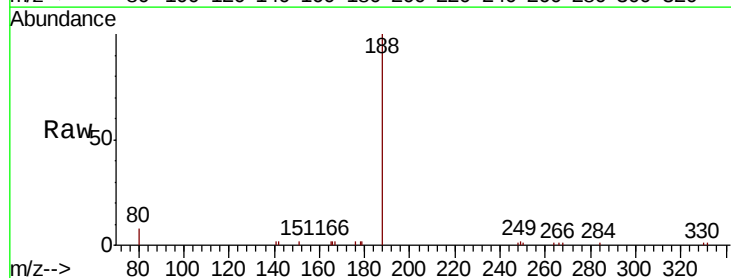


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

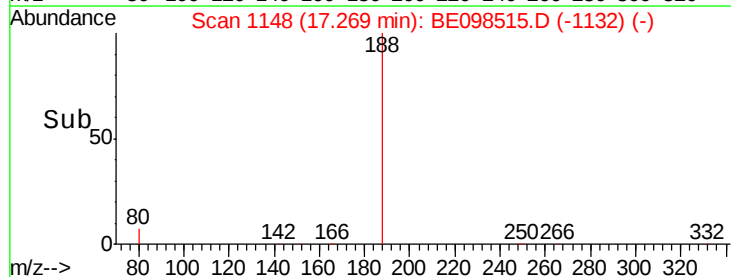
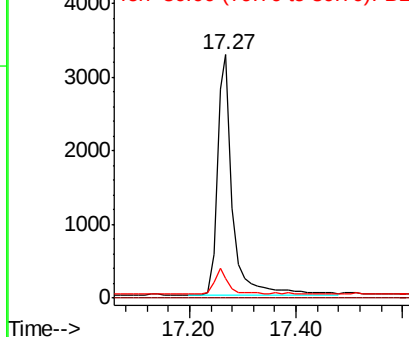


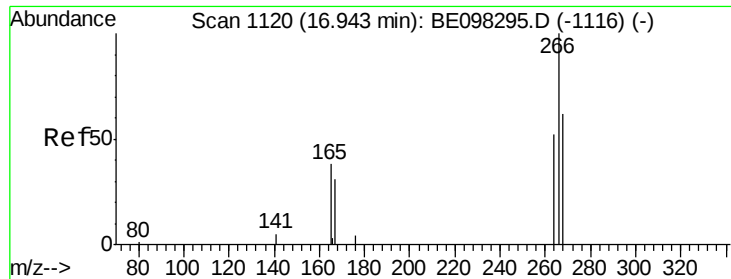
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098515.D
Acq: 18 Dec 2018 16:32

Tgt Ion:188 Resp: 6560
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 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

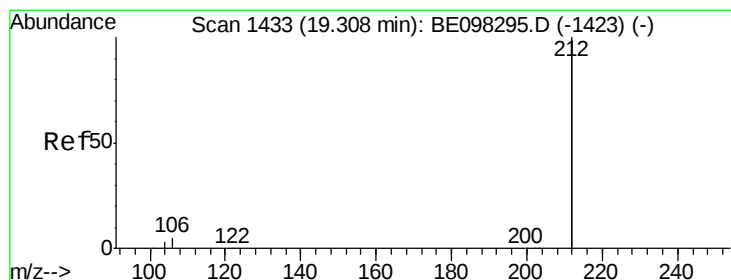
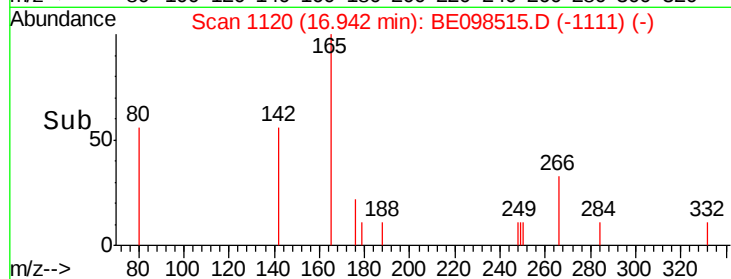
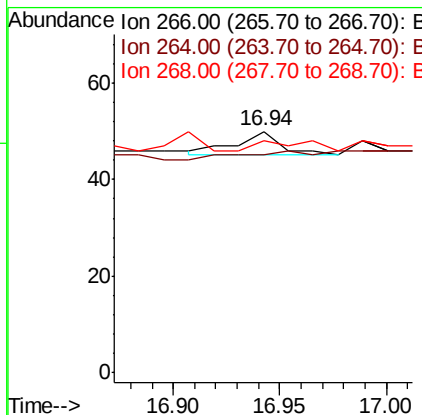
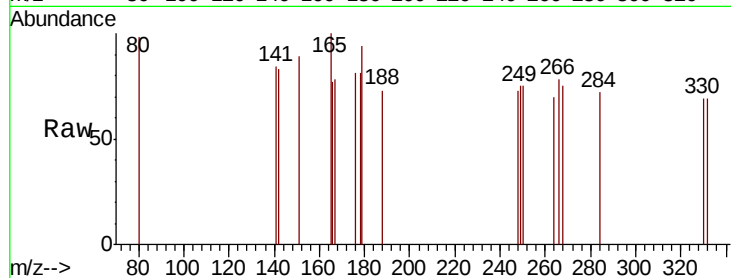




#22
 Pentachlorophenol
 Concen: 0.030 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098515.D
 Acq: 18 Dec 2018 16:32

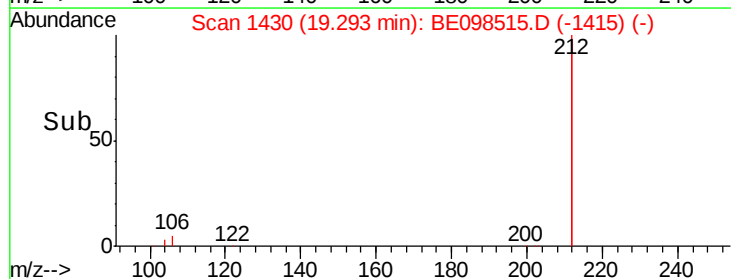
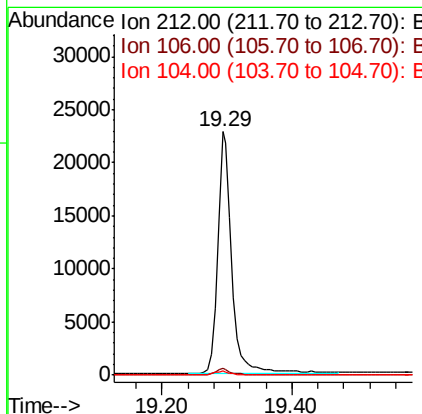
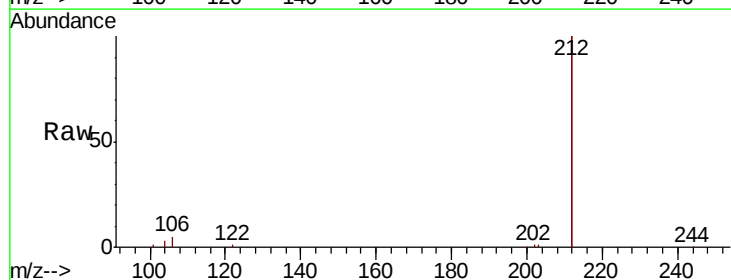
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 90.0 59.0 88.4#
 268 96.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.29 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BE098515.D
 Acq: 18 Dec 2018 16:32

Tgt Ion: 212 Resp: 34814
 Ion Ratio Lower Upper
 212 100
 106 2.5 2.2 3.2
 104 1.4 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

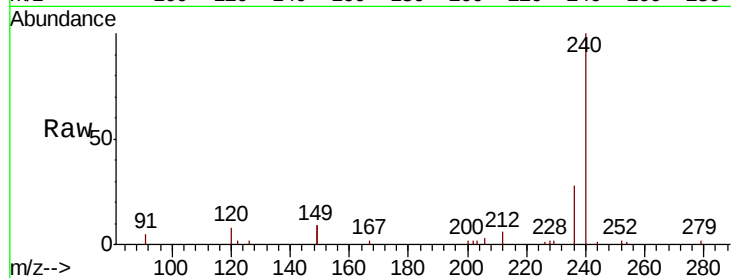
Tgt Ion:240 Resp: 7289

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

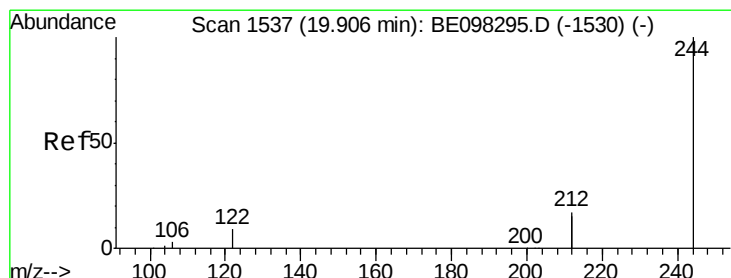
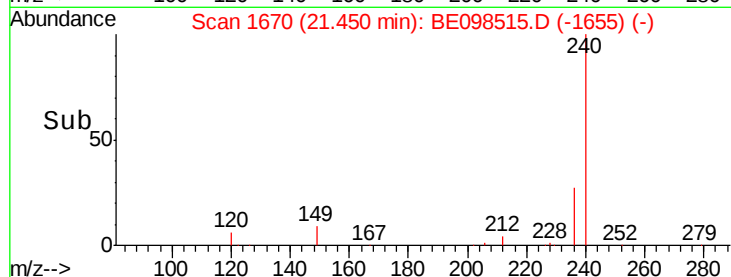
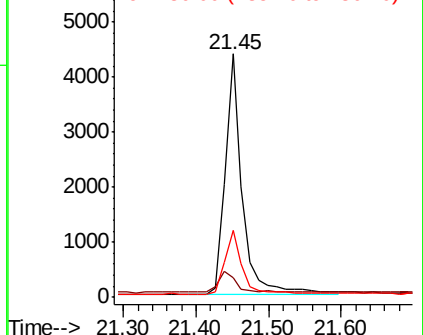
236 27.7 22.7 34.1



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: 0.543 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098515.D

Acq: 18 Dec 2018 16:32

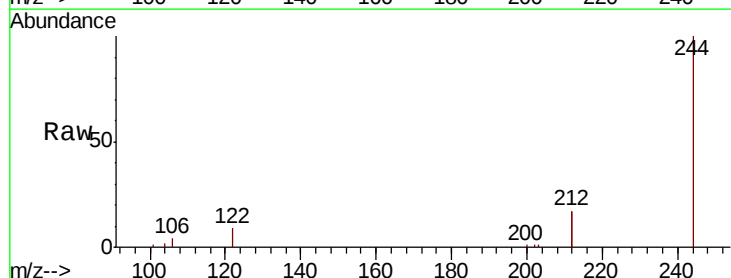
Tgt Ion:244 Resp: 9624

Ion Ratio Lower Upper

244 100

212 34.7 27.4 41.0

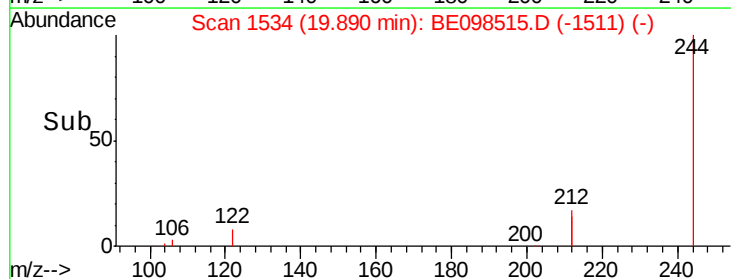
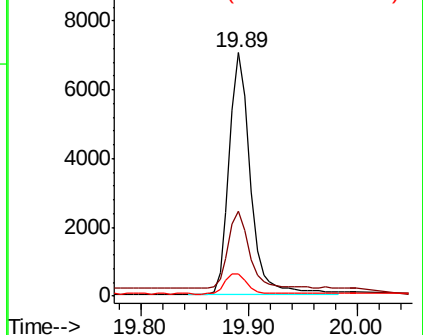
122 9.3 8.3 12.5



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

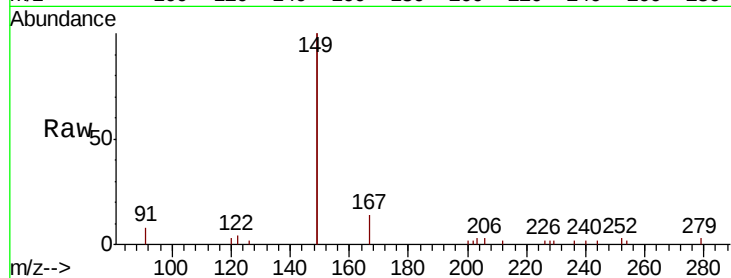




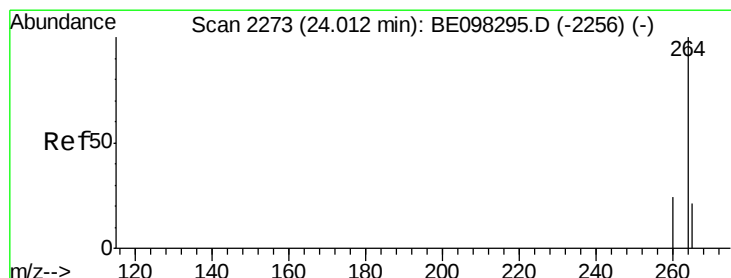
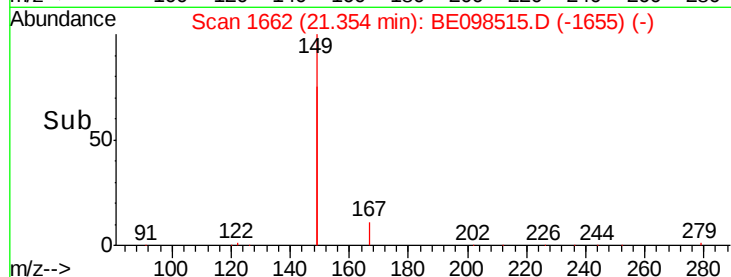
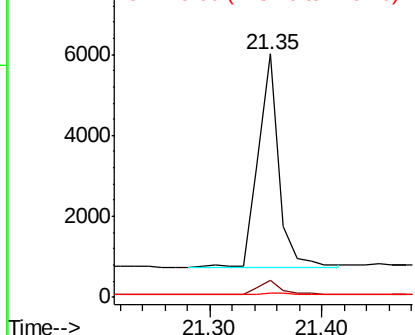
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098515.D
 Acq: 18 Dec 2018 16:32

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tgt Ion:149 Resp: 6800
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.7 8.5
 279 1.0 1.0 1.4

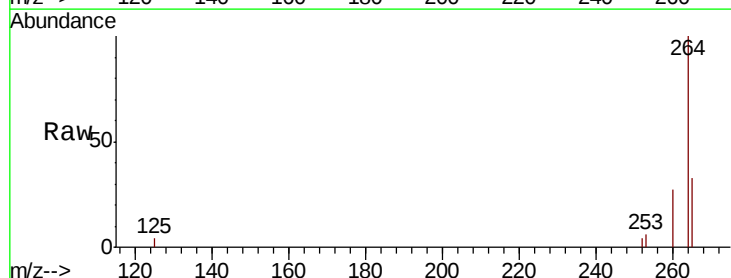


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2266
 Delta R.T. -0.03 min
 Lab File: BE098515.D
 Acq: 18 Dec 2018 16:32

Tgt Ion:264 Resp: 6882
 Ion Ratio Lower Upper
 264 100
 260 27.4 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

