

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098479.D
 Acq On : 15 Dec 2018 19:22
 Operator : SJ/JU
 Sample : J6405-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20181210

Quant Time: Dec 16 02:54:22 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

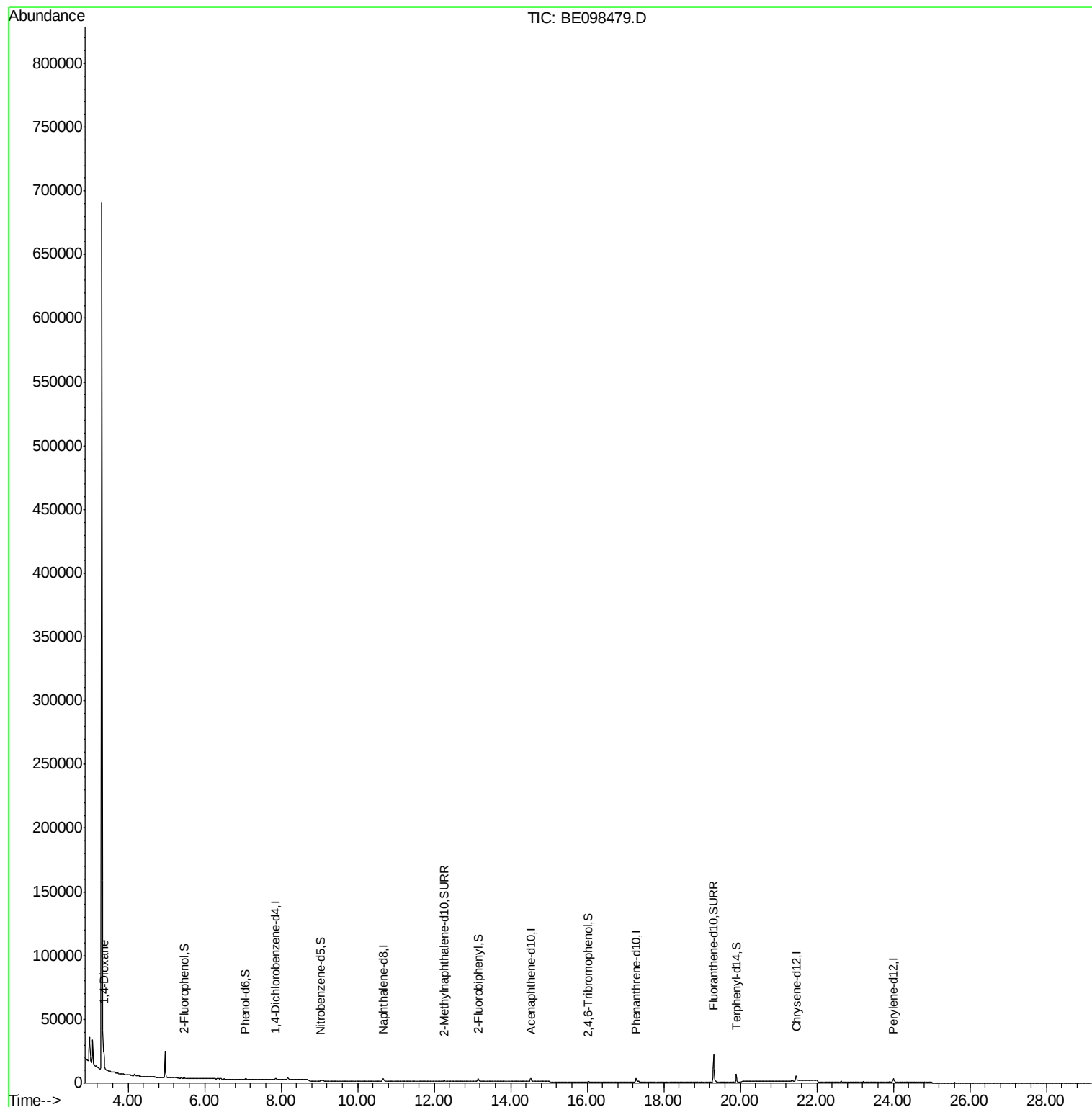
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	785	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	3293	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2128	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5522	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6350	0.40	ng	0.00
34) Perylene-d12	24.00	264	6071	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	350	0.19	ng	0.01
5) Phenol-d6	7.06	99	278	0.11	ng	0.01
8) Nitrobenzene-d5	9.04	82	1119	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2434	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	317	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3876	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	34140	0.48	ng	0.00
29) Terphenyl-d14	19.89	244	6910	0.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	5878	4.330	ng	Qvalue 94

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

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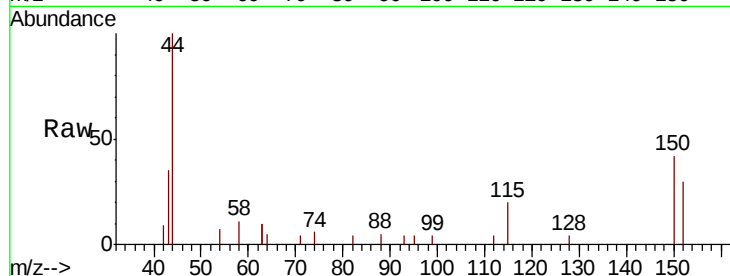


#1

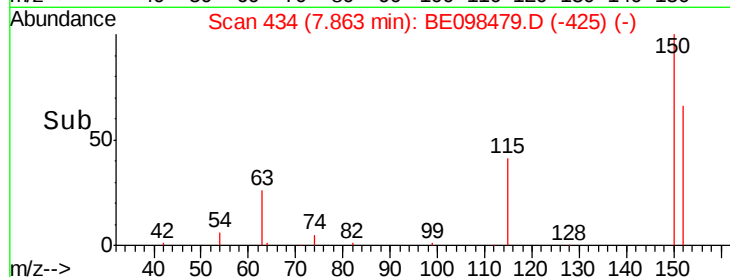
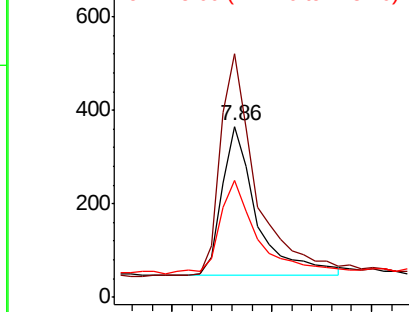
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098479.D
Acq: 15 Dec 2018 19:22

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	124.2	186.4
115	68.5	53.9	80.9



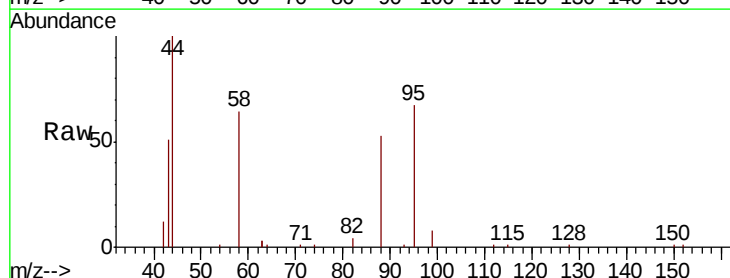
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



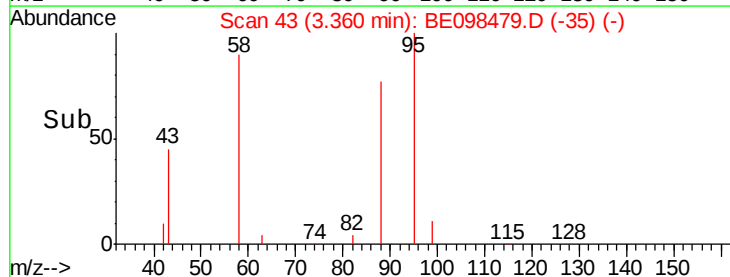
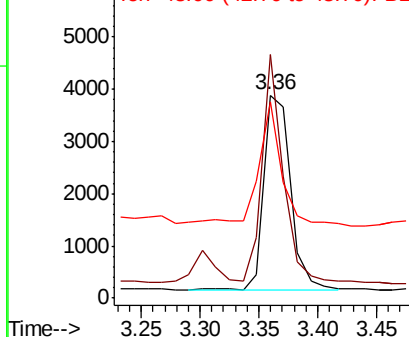
#2

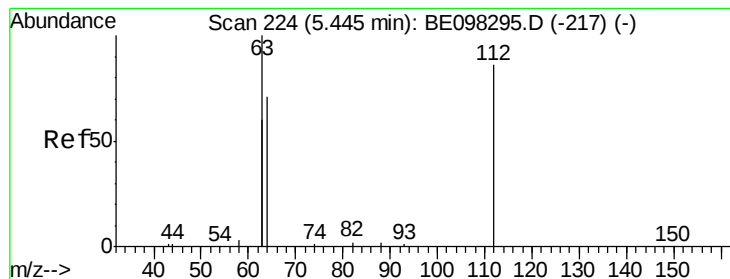
1,4-Dioxane
Concen: 4.330 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098479.D
Acq: 15 Dec 2018 19:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.6	75.0	112.6
43	56.0	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





#4

2-Fluorophenol

Concen: 0.191 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

Instrument :

BNA_E

ClientSampleId :

DUP03-20181210

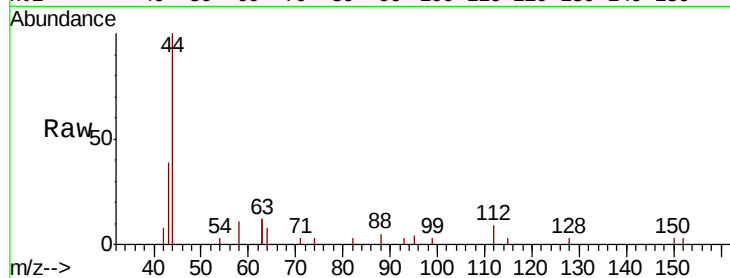
Tot Ion: 112 Resp: 350

Ion Ratio Lower Upper

112 100

64 80.9 59.8 89.8

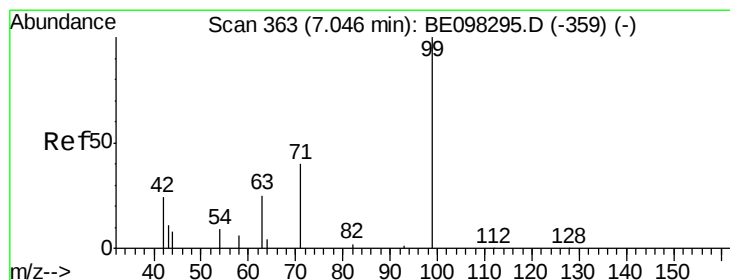
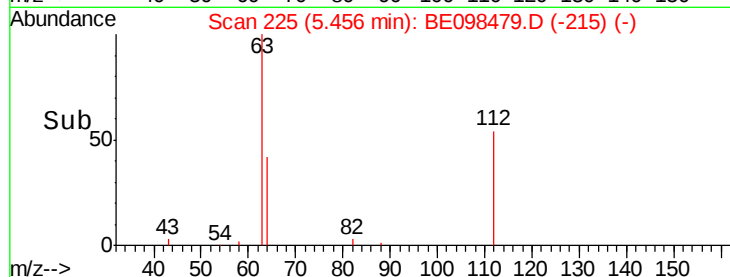
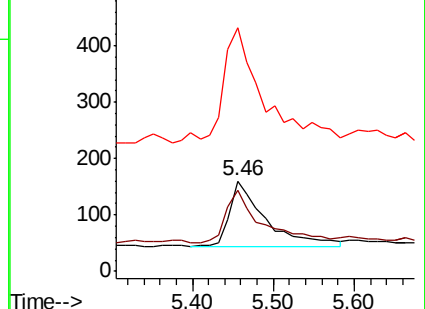
63 203.4 133.7 200.5#



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: 0.107 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

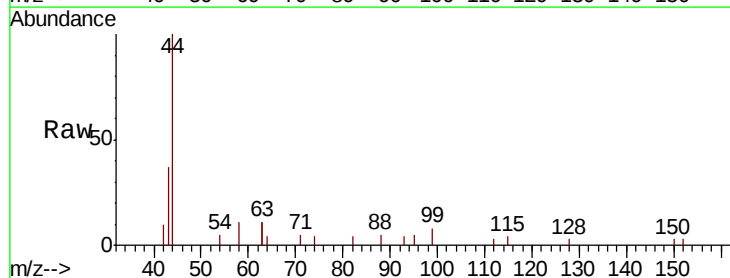
Tgt Ion: 99 Resp: 278

Ion Ratio Lower Upper

99 100

42 28.4 26.3 39.5

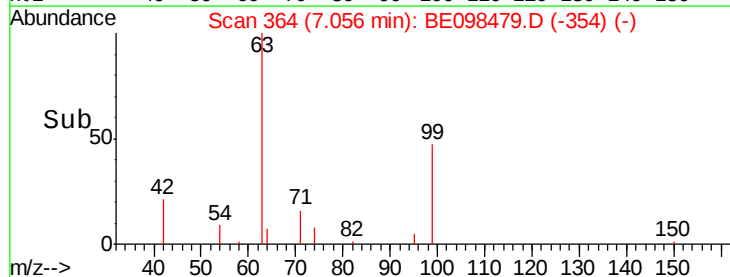
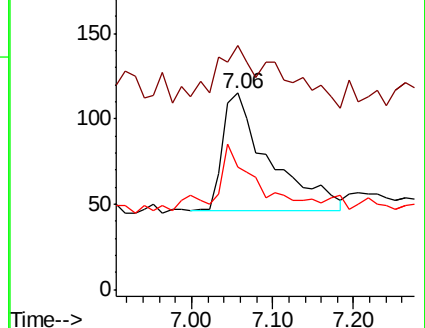
71 31.7 33.6 50.4#



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

Instrument :

BNA_E

ClientSampleId :

DUP03-20181210

Tot Ion:136 Resp: 3293

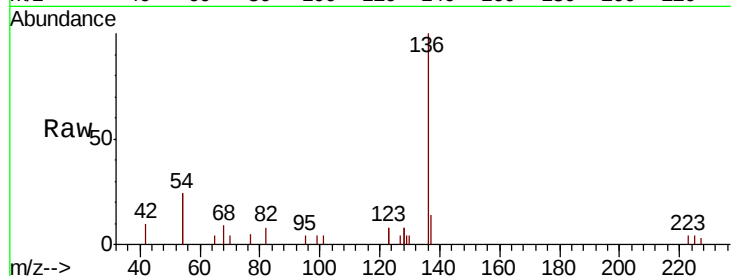
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 48.7 28.4 42.6#

68 8.7 5.4 8.0#

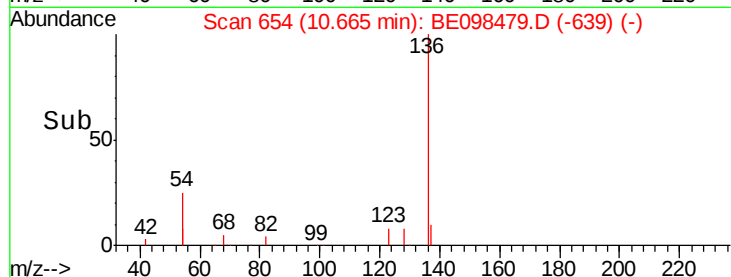
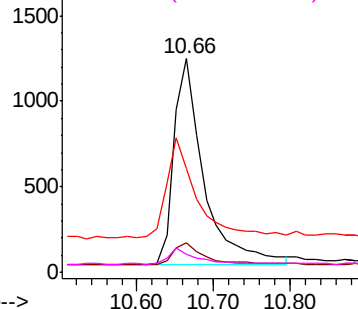


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.373 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

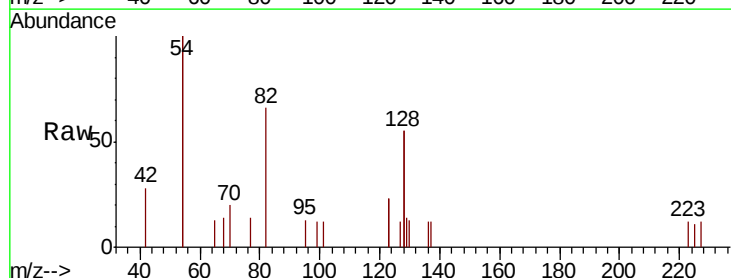
Tgt Ion: 82 Resp: 1119

Ion Ratio Lower Upper

82 100

128 164.8 102.4 153.6#

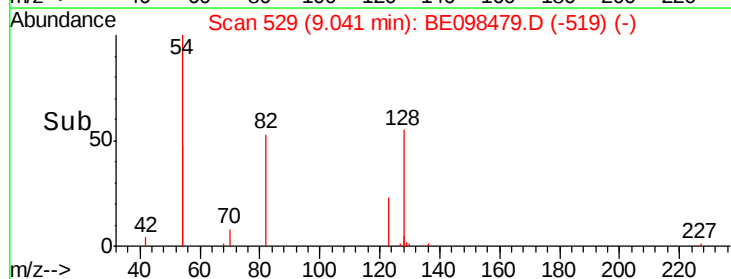
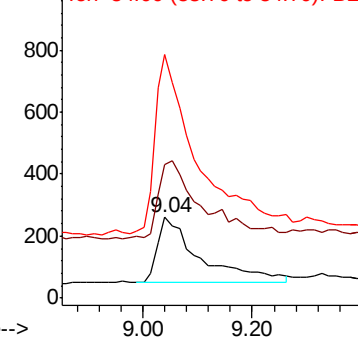
54 301.1 221.8 332.8



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: 0.455 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

Instrument :

BNA_E

ClientSampleId :

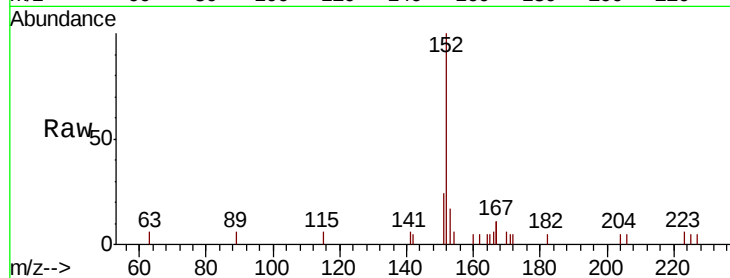
DUP03-20181210

Tot Ion:152 Resp: 2434

Ion Ratio Lower Upper

152 100

151 18.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

800

600

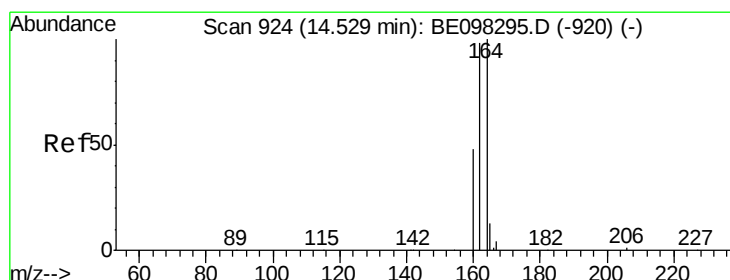
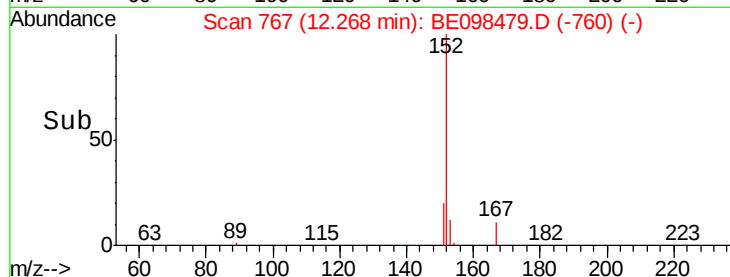
400

200

0

12.20 12.40 12.60

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

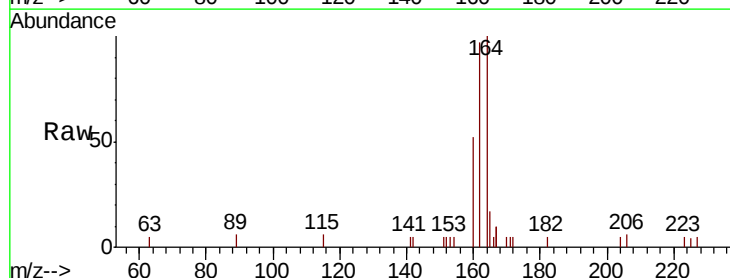
Tgt Ion:164 Resp: 2128

Ion Ratio Lower Upper

164 100

162 97.0 77.6 116.4

160 52.3 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

14.53

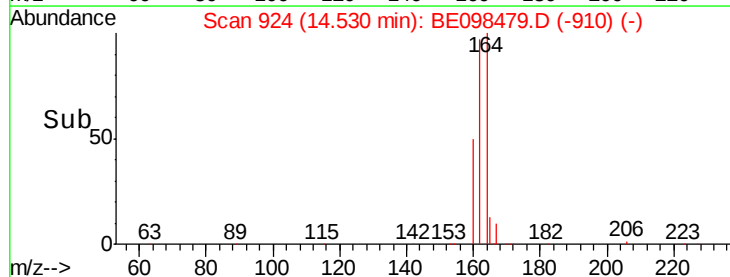
1000

500

0

14.40 14.60

Time-->

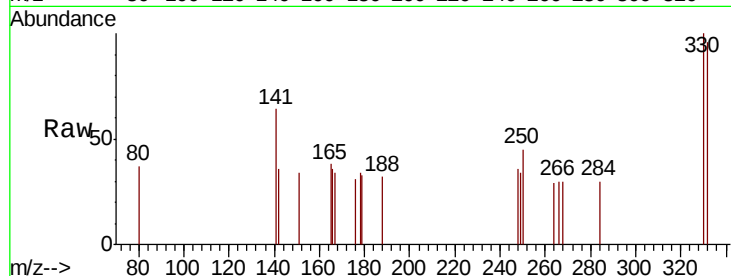




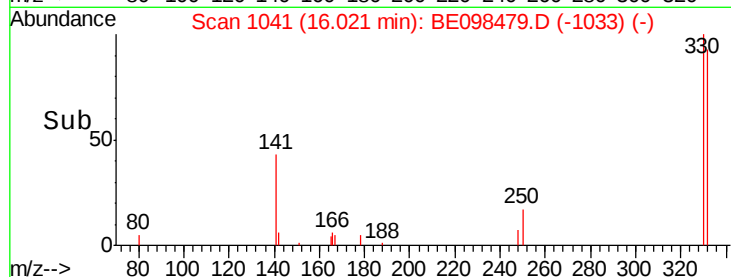
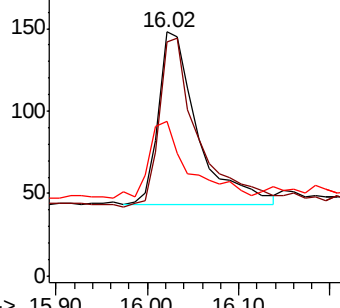
#14
 2,4,6-Tribromophenol
 Concen: 0.406 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098479.D
 Acq: 15 Dec 2018 19:22

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20181210

Tot Ion:330 Resp: 317
 Ion Ratio Lower Upper
 330 100
 332 105.4 76.2 114.4
 141 44.8 39.0 58.4

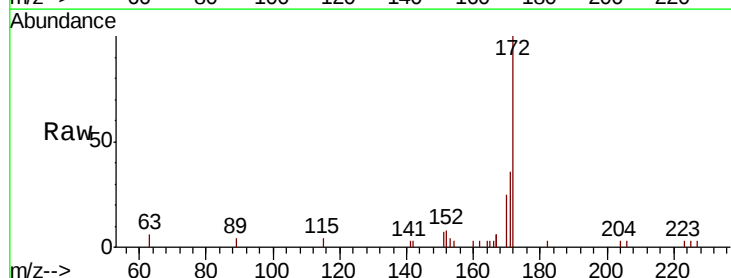


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

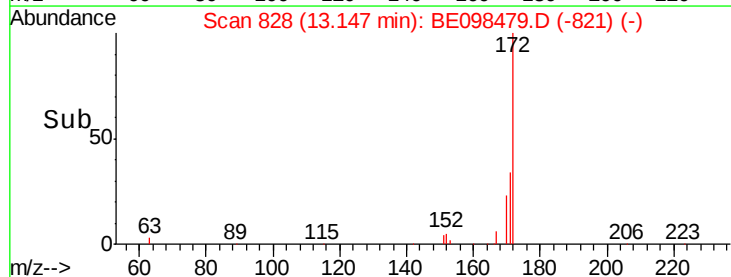
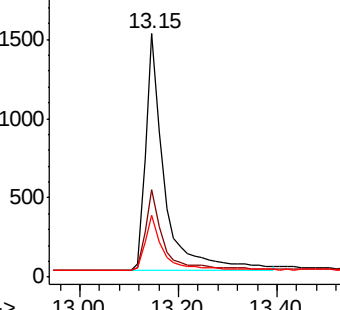


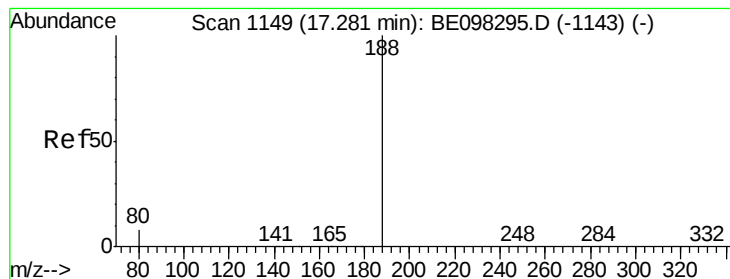
#15
 2-Fluorobiphenyl
 Concen: 0.432 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098479.D
 Acq: 15 Dec 2018 19:22

Tgt Ion:172 Resp: 3876
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.5 41.3
 170 25.4 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

Instrument :

BNA_E

ClientSampleId :

DUP03-20181210

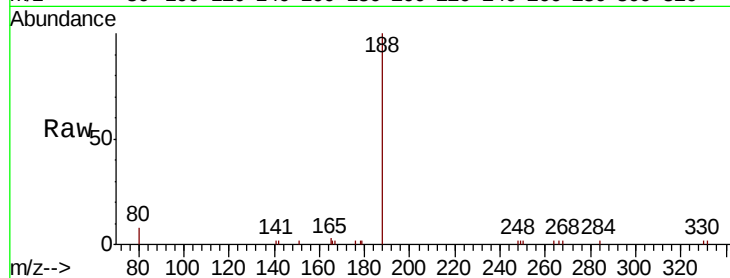
Tot Ion:188 Resp: 5522

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

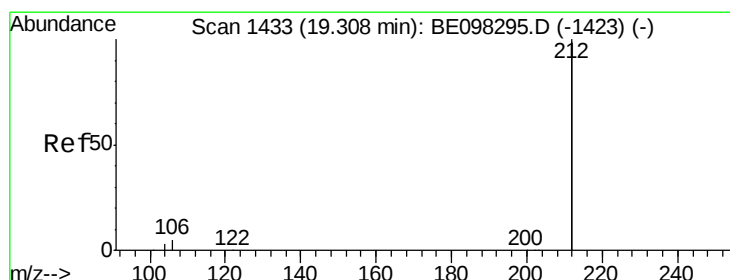
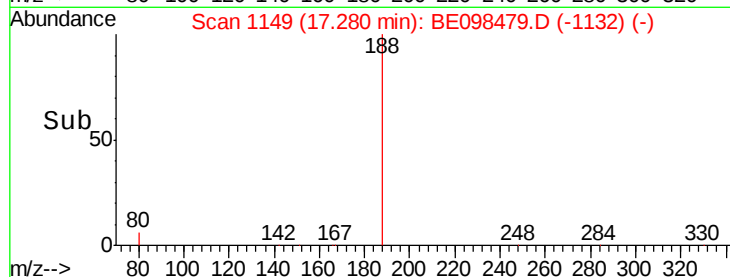
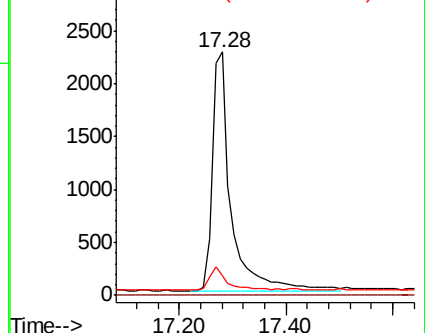
80 8.3 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.482 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

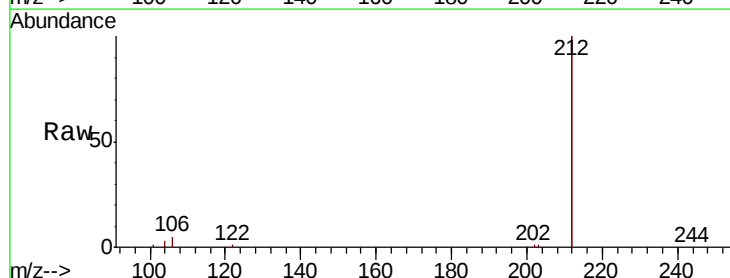
Tgt Ion:212 Resp: 34140

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

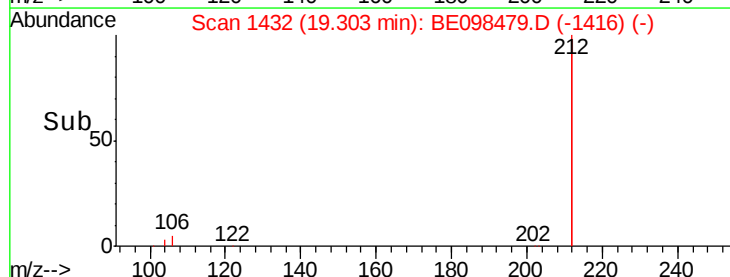
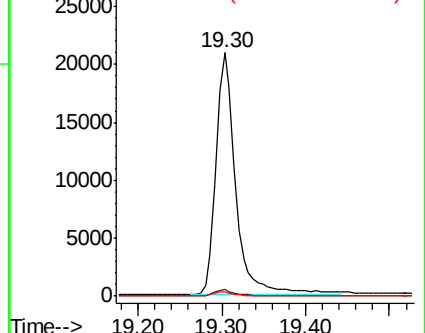
104 1.4 1.3 1.9

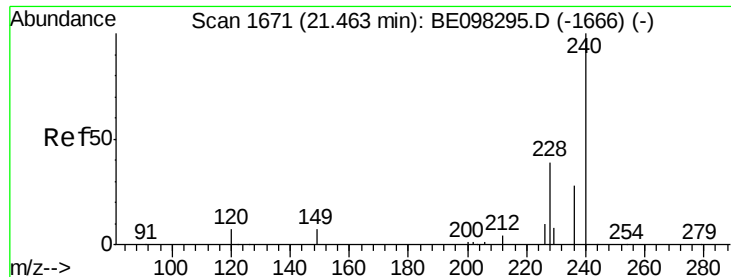


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

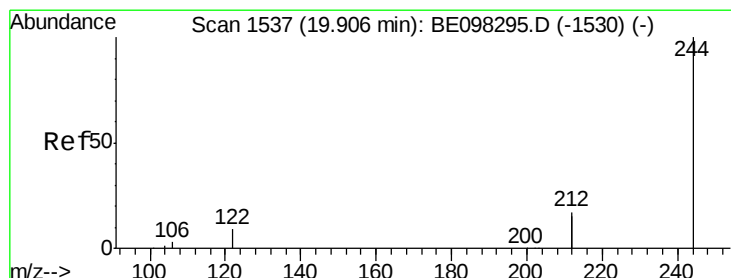
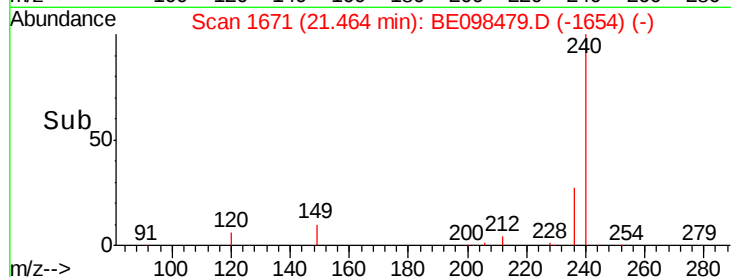
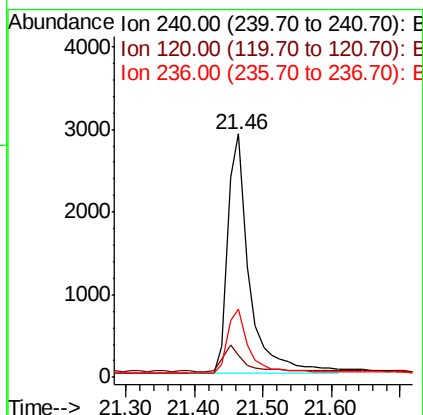
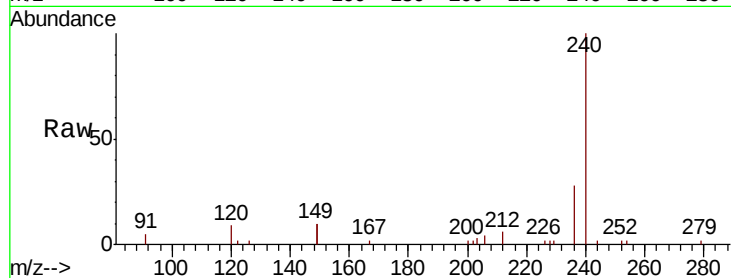




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098479.D
 Acq: 15 Dec 2018 19:22

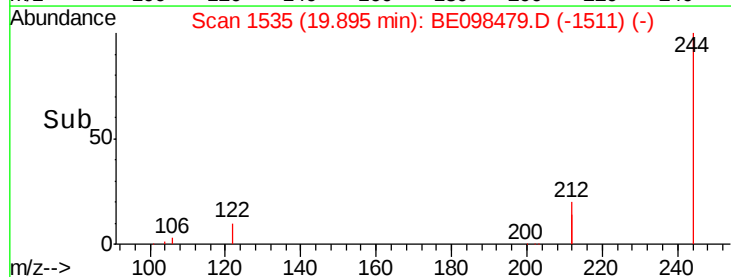
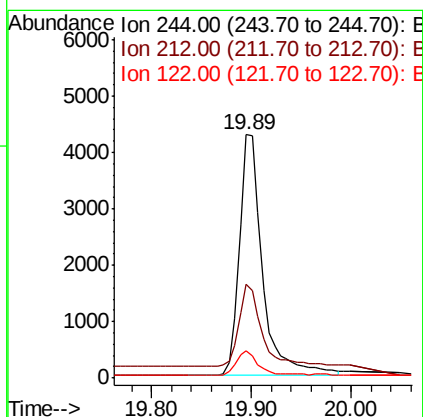
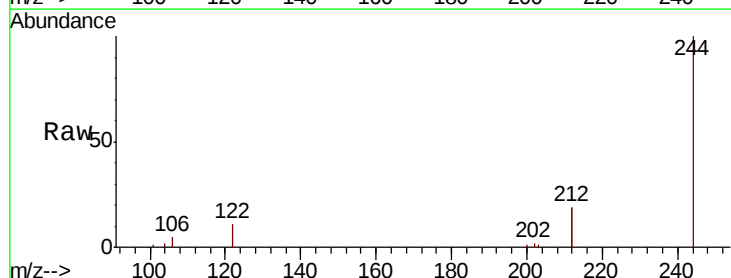
Instrument :
 BNA_E
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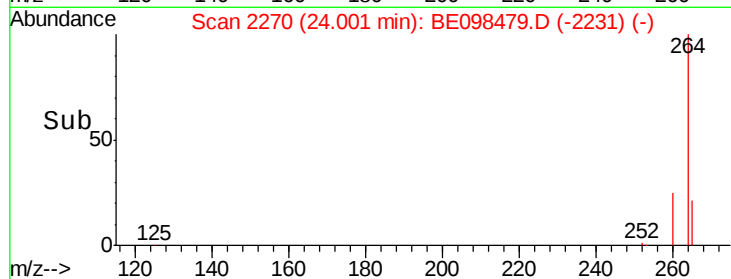
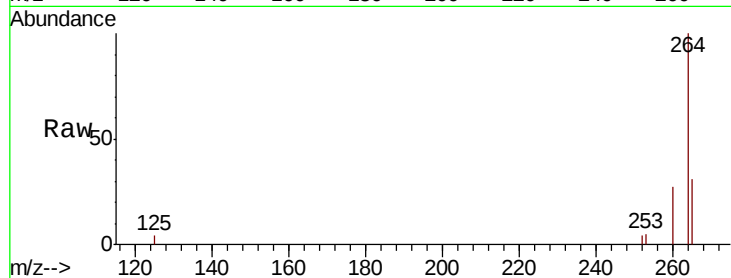
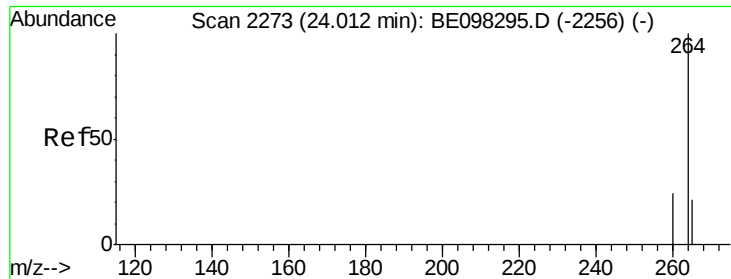
Tot Ion:240 Resp: 6350
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.5 14.3#
 236 28.0 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.448 ng
 RT: 19.89 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098479.D
 Acq: 15 Dec 2018 19:22

Tgt Ion:244 Resp: 6910
 Ion Ratio Lower Upper
 244 100
 212 38.6 27.4 41.0
 122 11.2 8.3 12.5





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098479.D

Acq: 15 Dec 2018 19:22

Instrument :

BNA_E

ClientSampleId :

DUP03-20181210

Tot Ion:264 Resp: 6071

Ion Ratio Lower Upper

264 100

260 26.6 20.2 30.2

265 31.4 25.2 37.8

