

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098472.D
 Acq On : 15 Dec 2018 14:59
 Operator : SJ/JU
 Sample : PB115689BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115689BL

Quant Time: Dec 16 02:34:00 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	647	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2589	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1672	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	4593	0.40	ng	0.00
27) Chrysene-d12	21.46	240	5562	0.40	ng	0.00
34) Perylene-d12	24.01	264	5123	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	850	0.56	ng	0.01
5) Phenol-d6	7.06	99	971	0.45	ng	0.01
8) Nitrobenzene-d5	9.05	82	703	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	1455	0.35	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	283	0.46	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2211	0.31	ng	0.01
25) Fluoranthene-d10	19.30	212	24452	0.41	ng	0.00
29) Terphenyl-d14	19.90	244	3813	0.28	ng	0.00

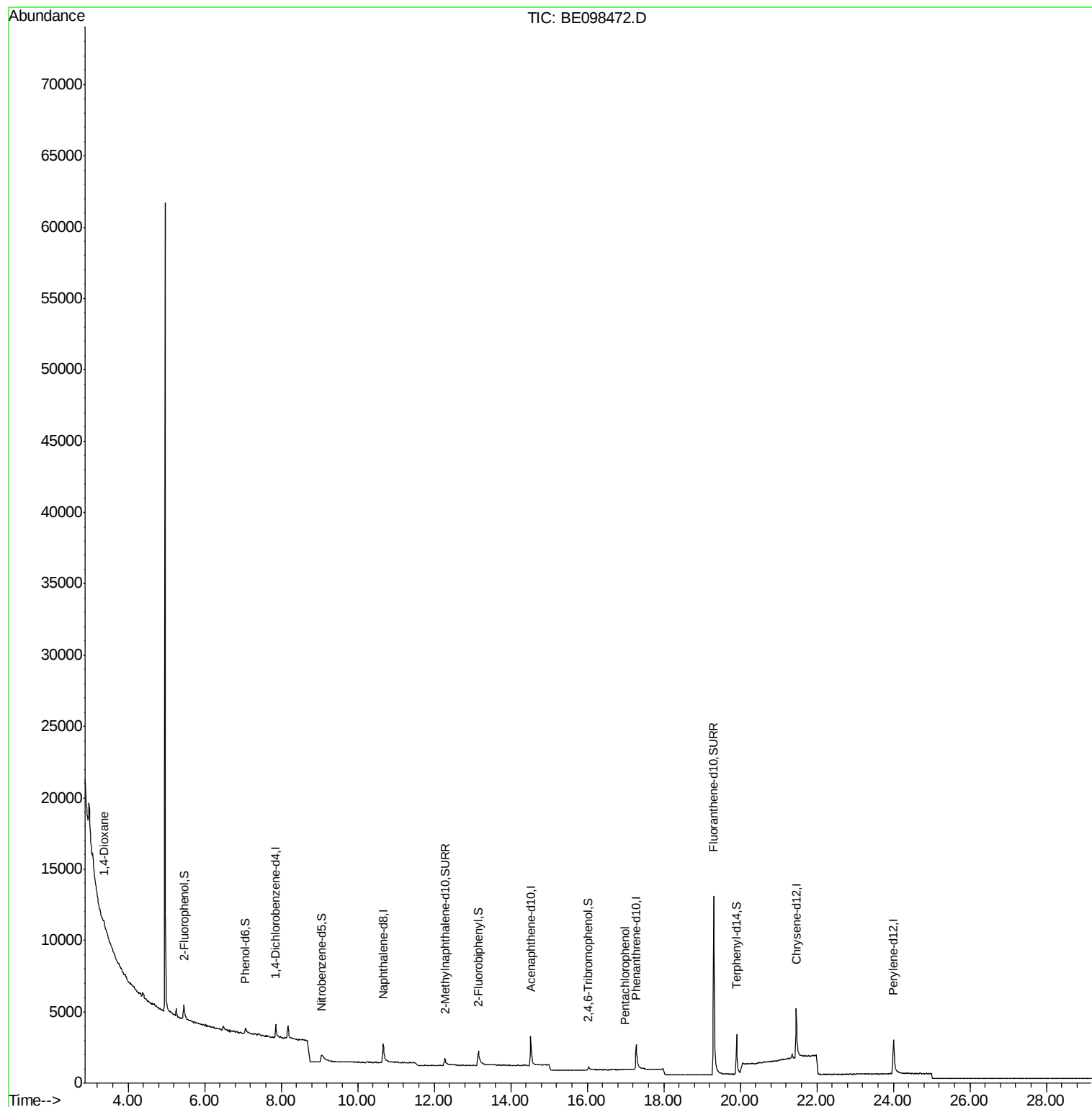
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	35	0.031	ng	# 12
22) Pentachlorophenol	16.98	266	10	0.041	ng	# 68

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

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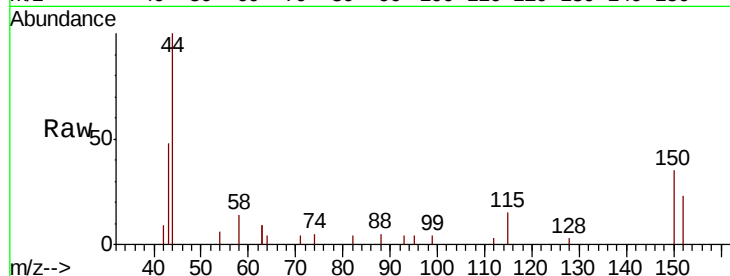


#1

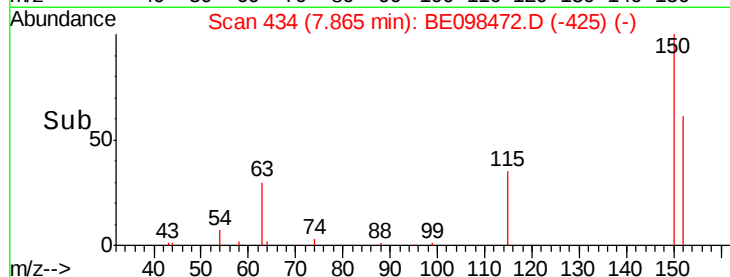
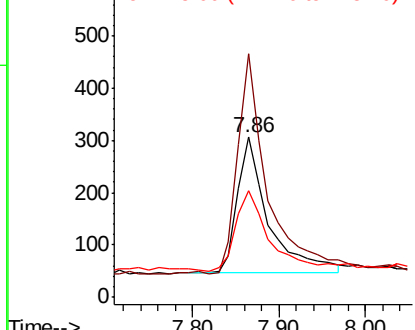
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion: 152 Resp: 647
Ion Ratio Lower Upper
152 100
150 152.3 124.2 186.4
115 66.7 53.9 80.9



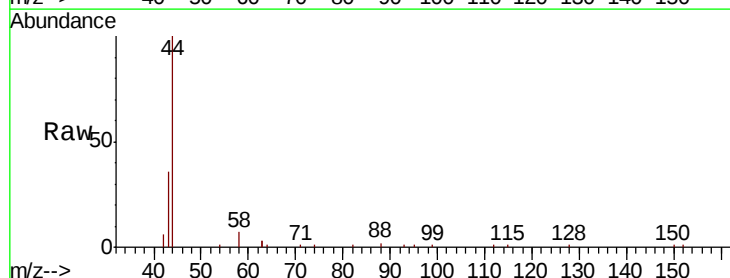
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



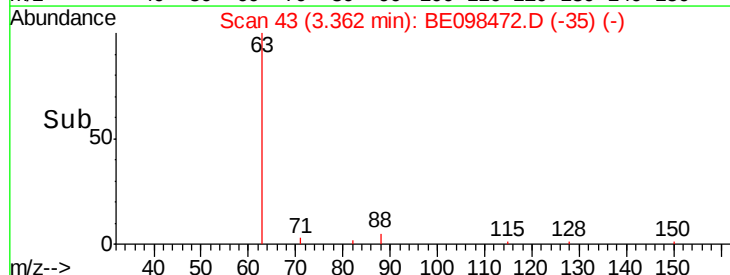
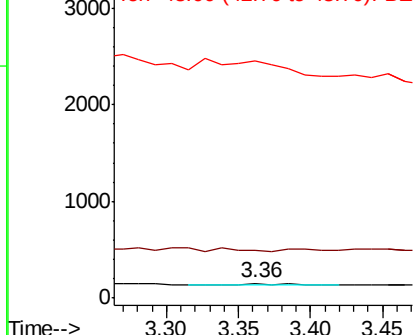
#2

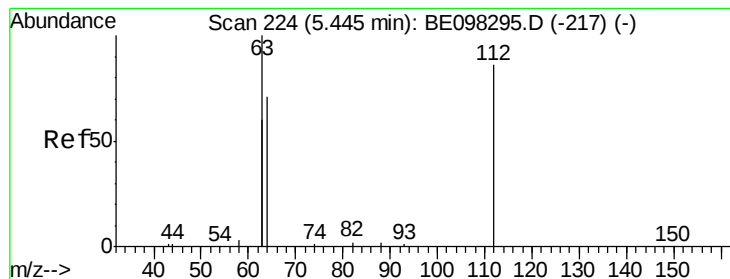
1,4-Dioxane
Concen: 0.031 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
58 0.0 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





#4

2-Fluorophenol

Concen: 0.561 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

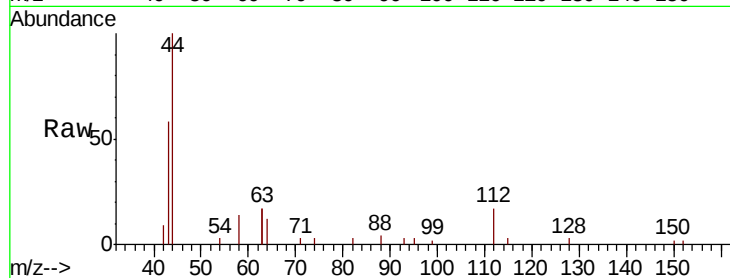
Tgt Ion: 112 Resp: 850

Ion Ratio Lower Upper

112 100

64 70.9 59.8 89.8

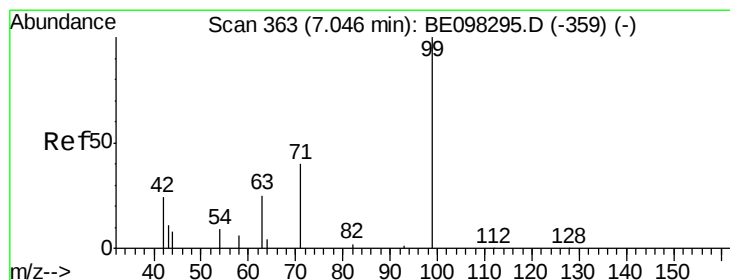
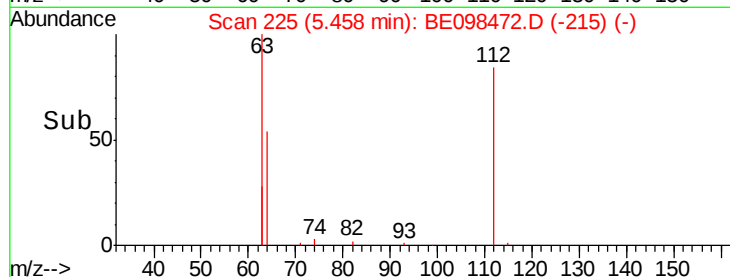
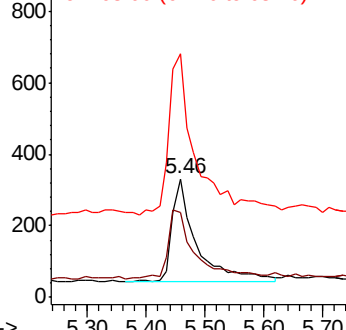
63 160.5 133.7 200.5



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: 0.453 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

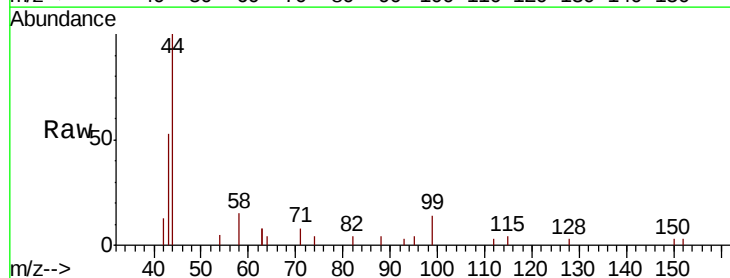
Tgt Ion: 99 Resp: 971

Ion Ratio Lower Upper

99 100

42 25.7 26.3 39.5#

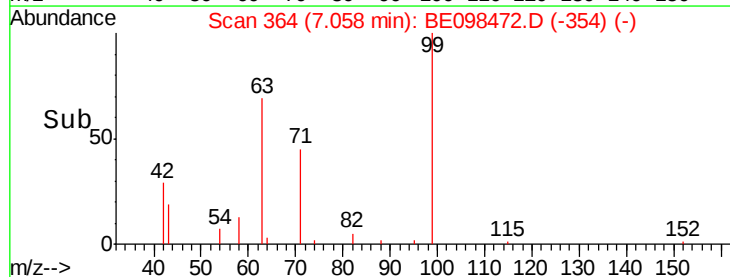
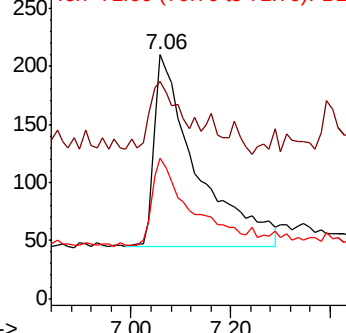
71 40.7 33.6 50.4

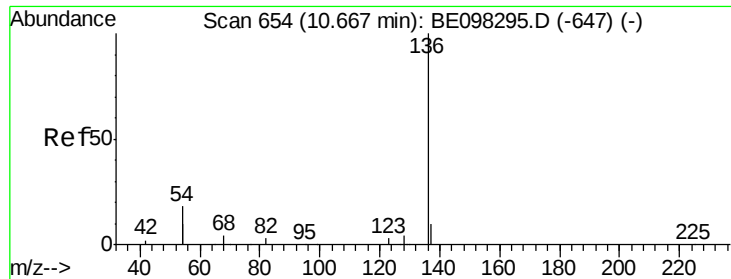


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

Tgt Ion: 136 Resp: 2589

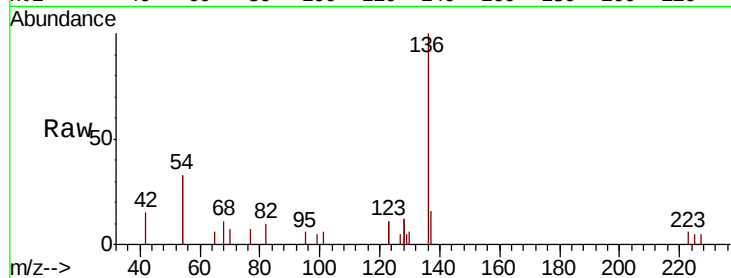
Ion Ratio Lower Upper

136 100

137 16.3 9.2 13.8#

54 65.5 28.4 42.6#

68 11.1 5.4 8.0#



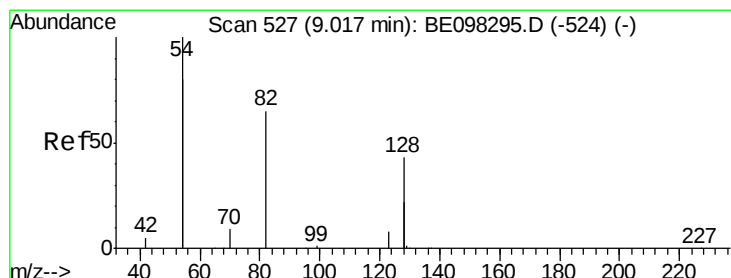
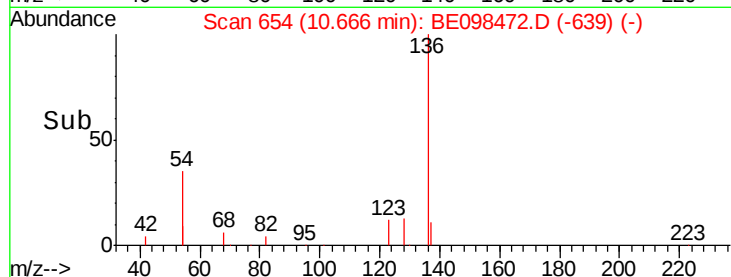
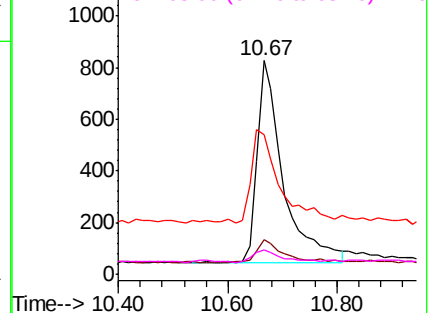
Abundance

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: 0.298 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

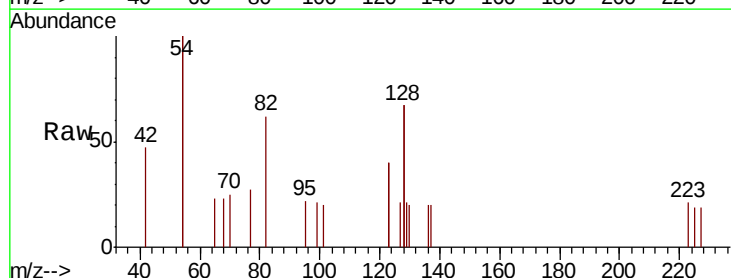
Tgt Ion: 82 Resp: 703

Ion Ratio Lower Upper

82 100

128 215.3 102.4 153.6#

54 322.2 221.8 332.8

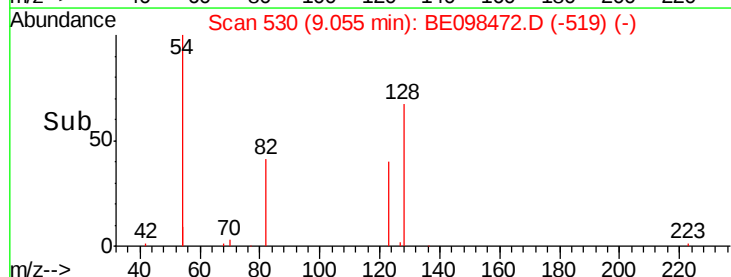
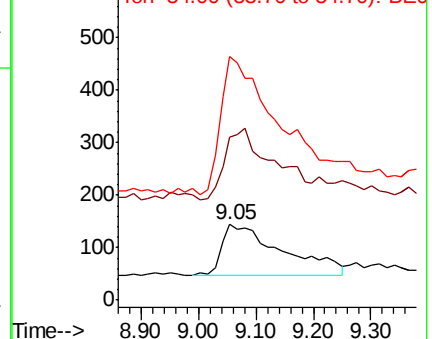


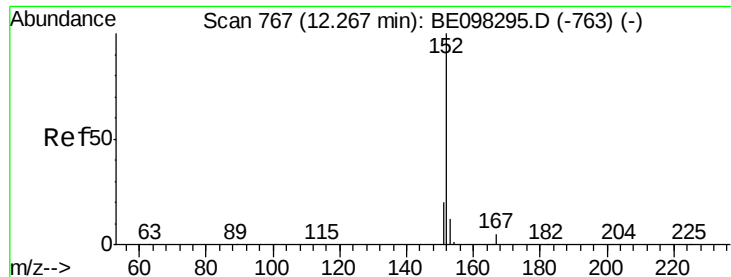
Abundance

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

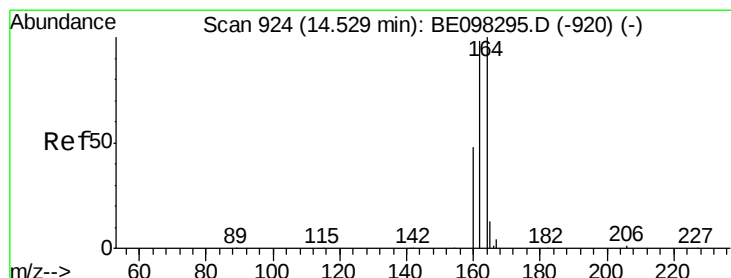
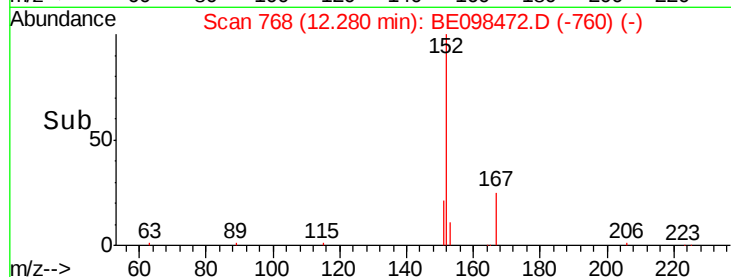
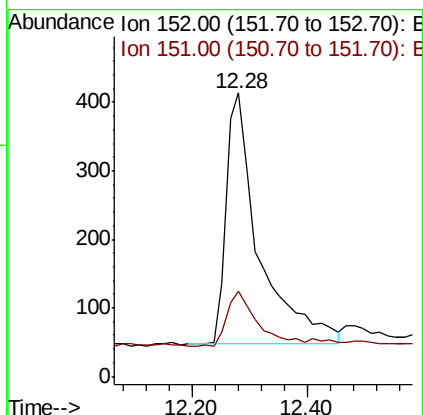
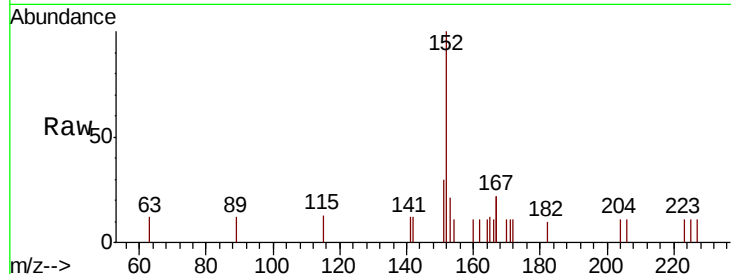




#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098472.D
 Acq: 15 Dec 2018 14:59

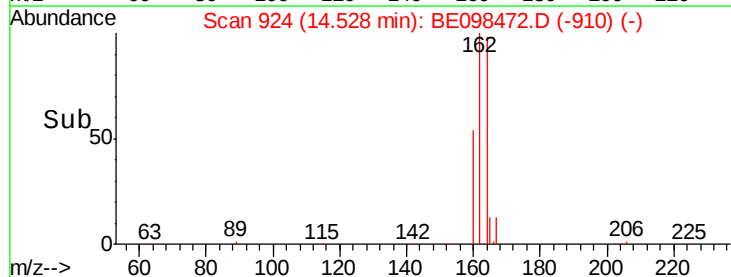
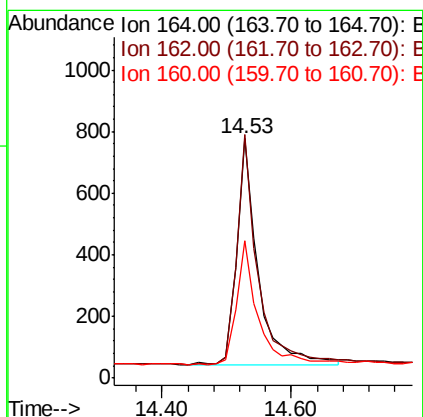
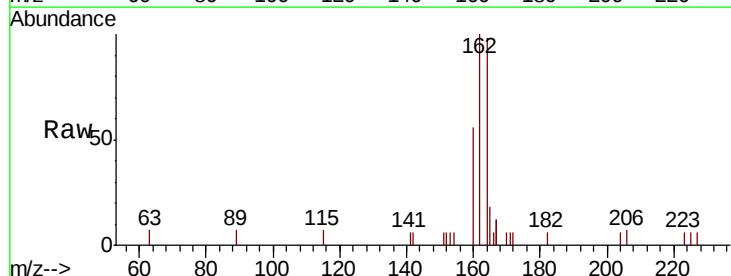
Instrument :
 BNA_E
 ClientSampleId :
 PB115689BL

Tgt Ion:152 Resp: 1455
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098472.D
 Acq: 15 Dec 2018 14:59

Tgt Ion:164 Resp: 1672
 Ion Ratio Lower Upper
 164 100
 162 101.7 77.6 116.4
 160 57.3 36.0 54.0#

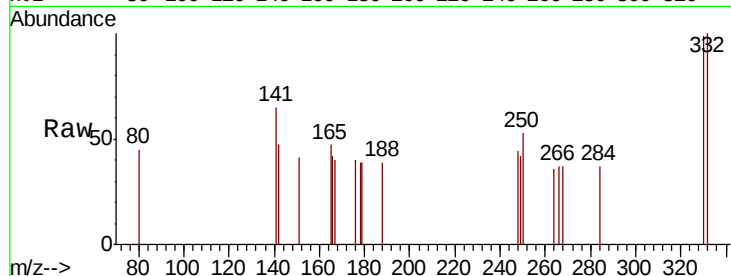




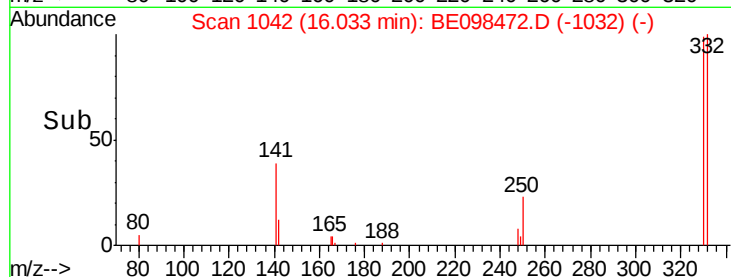
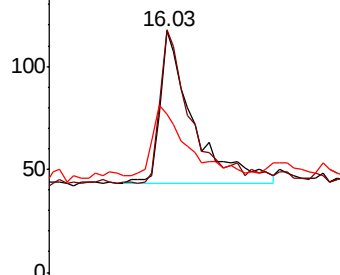
#14
 2,4,6-Tribromophenol
 Concen: 0.461 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098472.D
 Acq: 15 Dec 2018 14:59

Instrument :
 BNA_E
 ClientSampled :
 PB115689BL

Tgt Ion: 330 Resp: 283
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 46.3 39.0 58.4

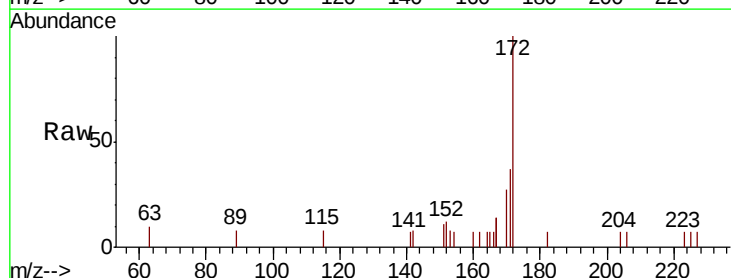


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

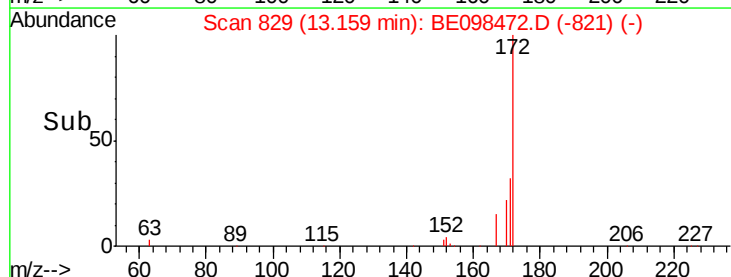
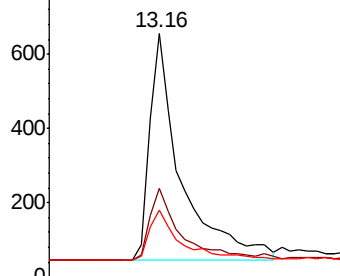


#15
 2-Fluorobiphenyl
 Concen: 0.314 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098472.D
 Acq: 15 Dec 2018 14:59

Tgt Ion: 172 Resp: 2211
 Ion Ratio Lower Upper
 172 100
 171 36.6 27.5 41.3
 170 27.4 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: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

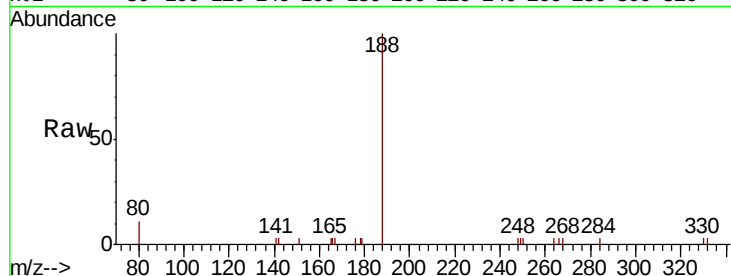
Tgt Ion:188 Resp: 4593

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

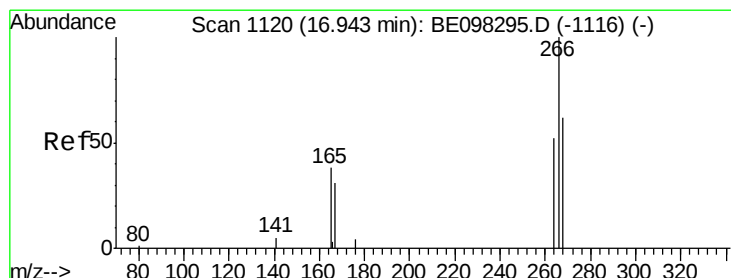
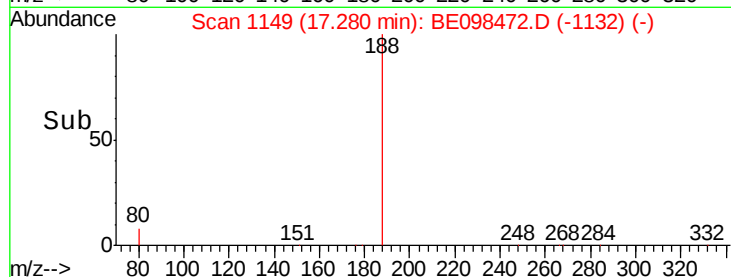
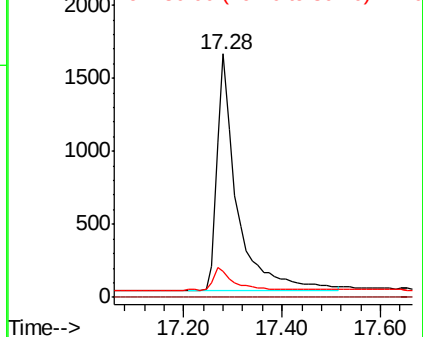
80 10.7 7.2 10.8



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: 0.041 ng

RT: 16.98 min Scan# 1123

Delta R.T. 0.04 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

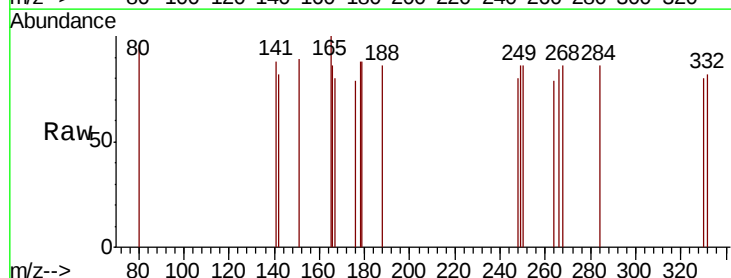
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.6 59.0 88.4#

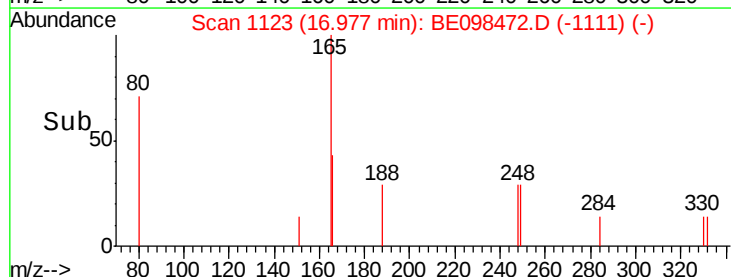
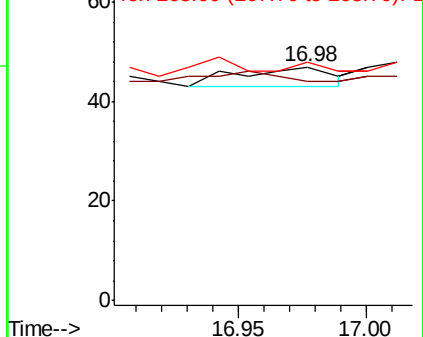
268 102.1 55.1 82.7#

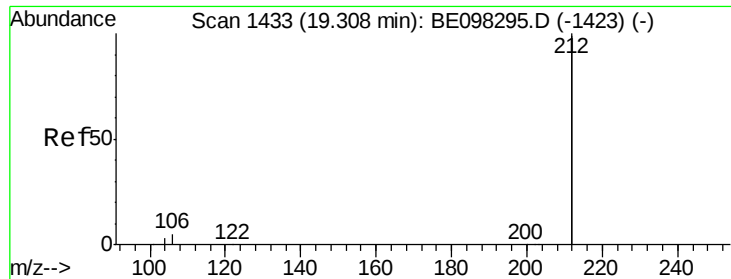


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

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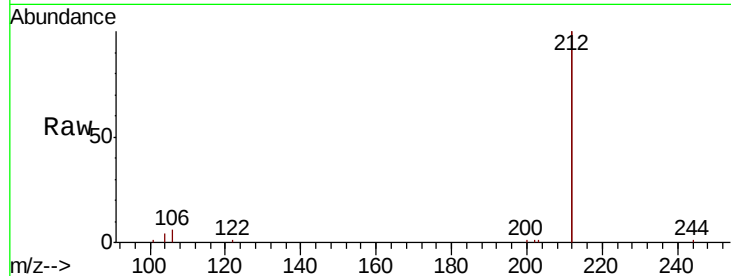
Tgt Ion:212 Resp: 24452

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

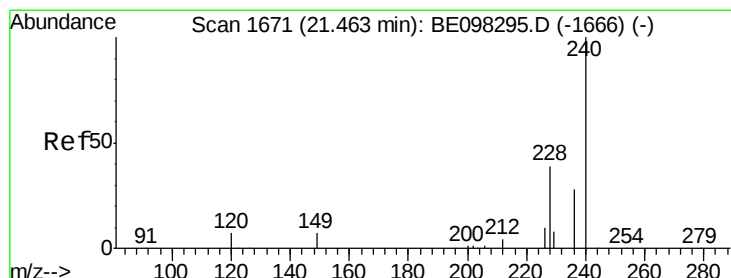
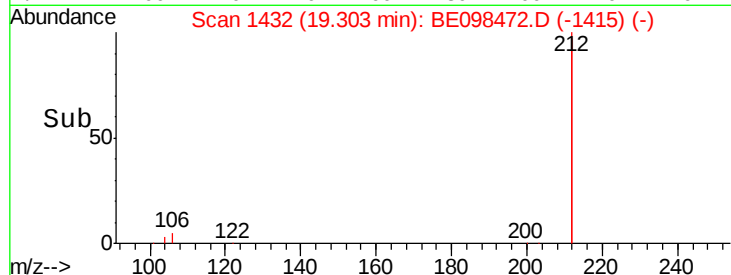
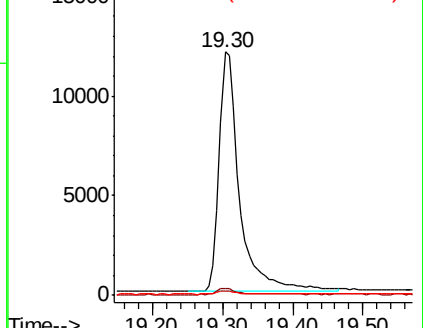
104 1.5 1.3 1.9



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: BE098472.D

Acq: 15 Dec 2018 14:59

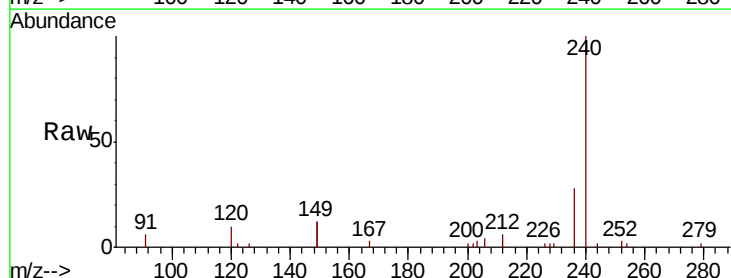
Tgt Ion:240 Resp: 5562

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

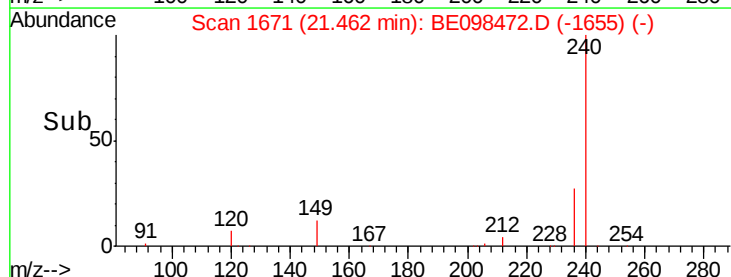
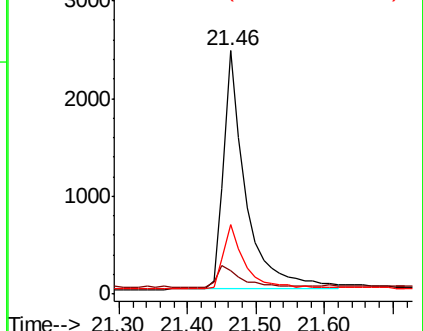
236 28.3 22.7 34.1

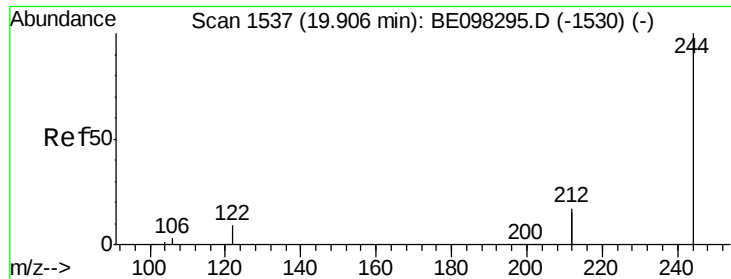


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.282 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

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BNA_E

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PB115689BL

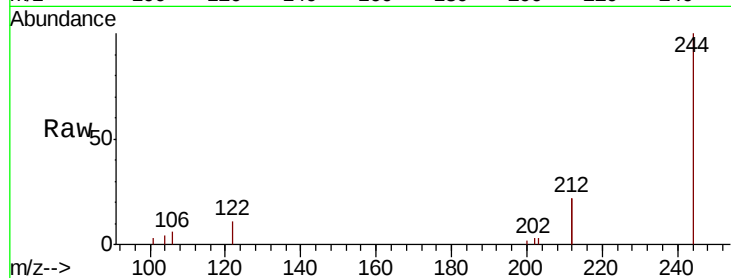
Tgt Ion:244 Resp: 3813

Ion Ratio Lower Upper

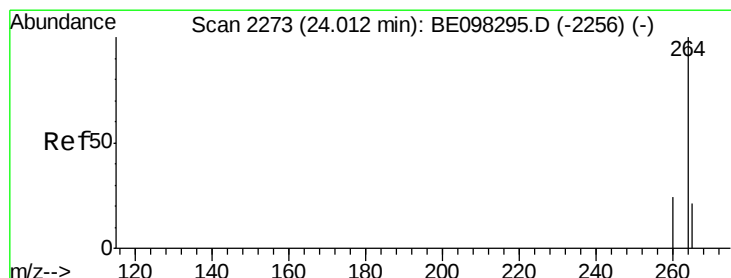
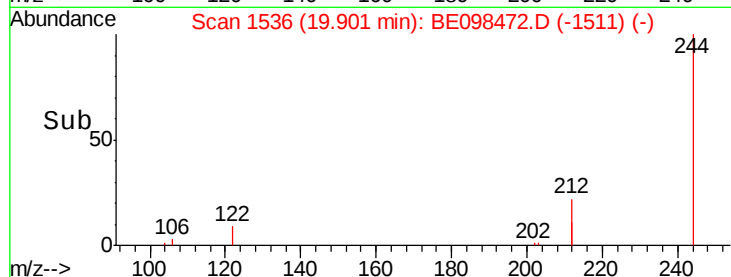
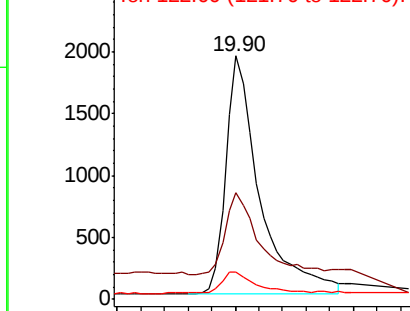
244 100

212 43.8 27.4 41.0#

122 11.2 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

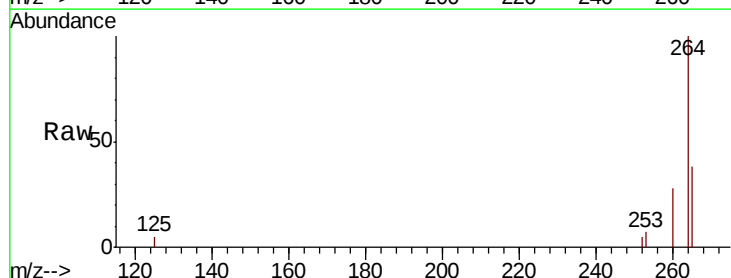
Tgt Ion:264 Resp: 5123

Ion Ratio Lower Upper

264 100

260 28.2 20.2 30.2

265 38.1 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

