

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098405.D
 Acq On : 13 Dec 2018 20:13
 Operator : SJ/JU
 Sample : J6323-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D3-20181206

Quant Time: Dec 13 20:48:04 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	1040	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4248	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2796	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7577	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8551	0.40	ng	0.00
34) Perylene-d12	24.00	264	8386	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	483	0.20	ng	0.00
5) Phenol-d6	7.04	99	435	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1640	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3057	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	575	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5245	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	44965	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	9450	0.45	ng	0.00

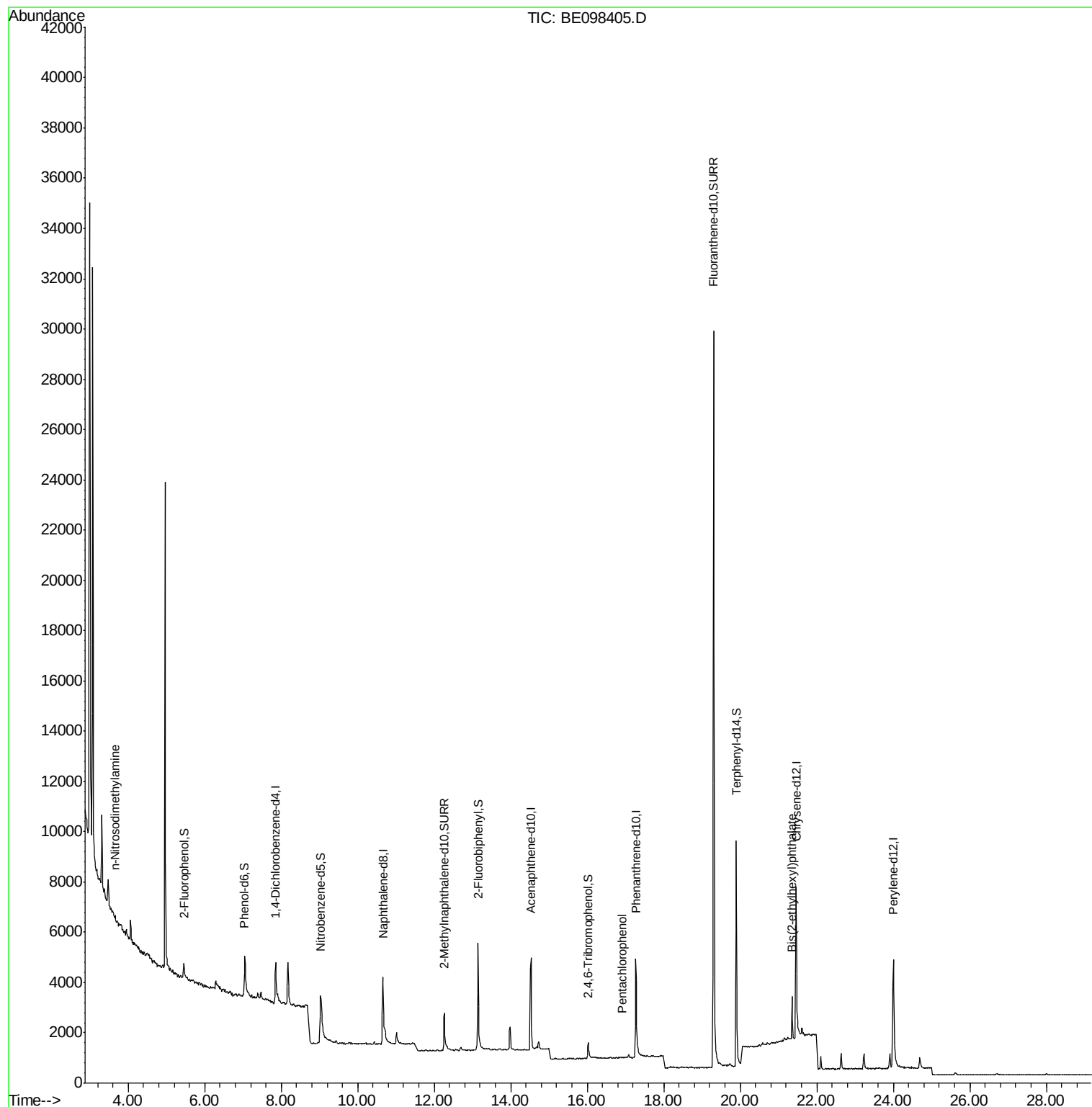
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	41	0.025	ng	# 100
22) Pentachlorophenol	16.92	266	9	0.029	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	1939	0.039	ng	# 99

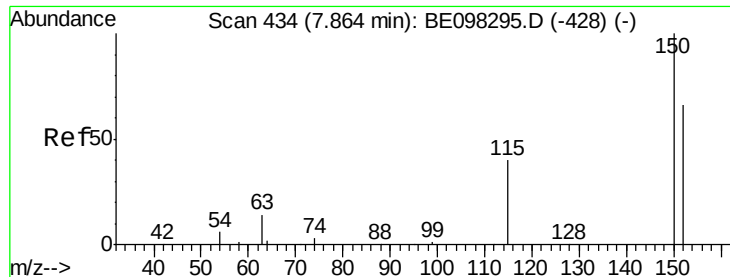
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098405.D

Acq: 13 Dec 2018 20:13

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

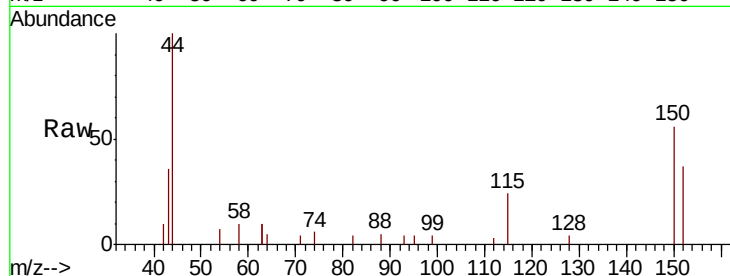
Tgt Ion:152 Resp: 1040

Ion Ratio Lower Upper

152 100

150 149.9 124.2 186.4

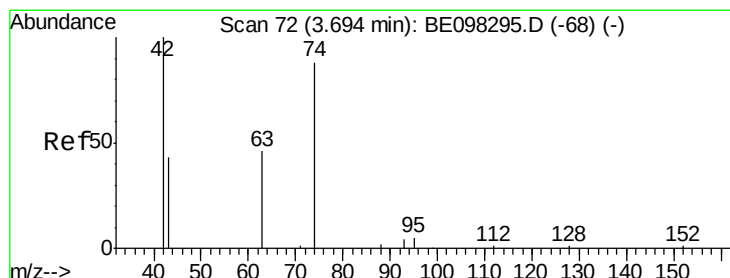
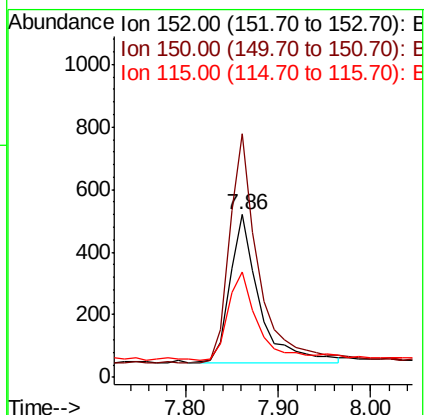
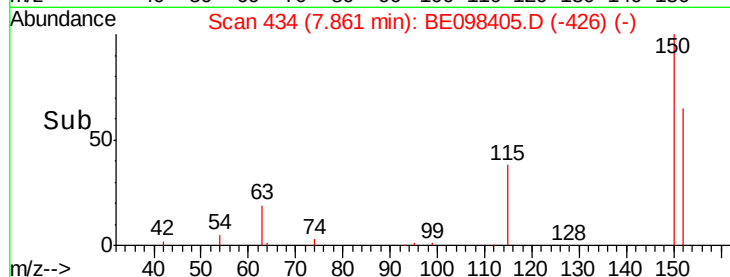
115 64.9 53.9 80.9



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



#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.04 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

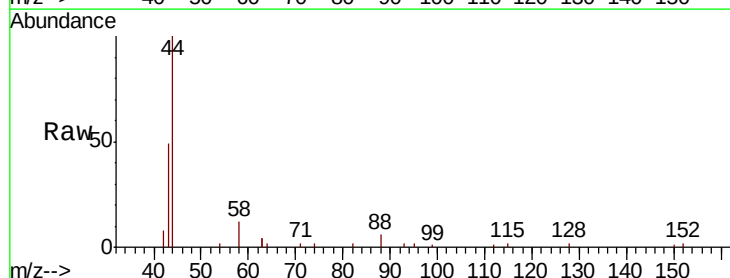
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

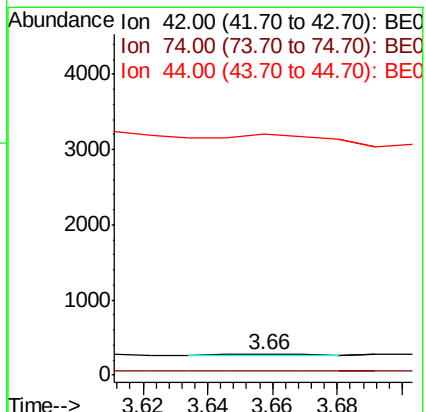
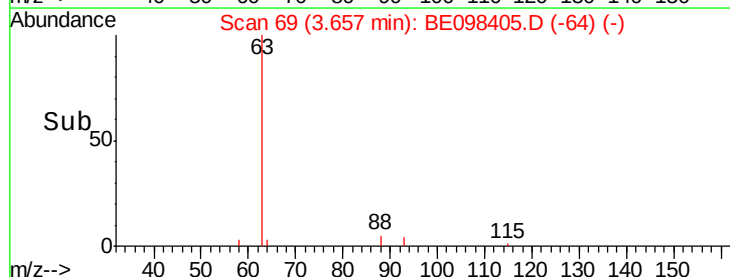
44 0.0 0.0 0.0

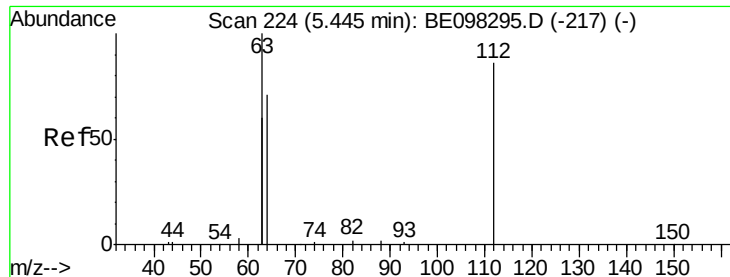


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

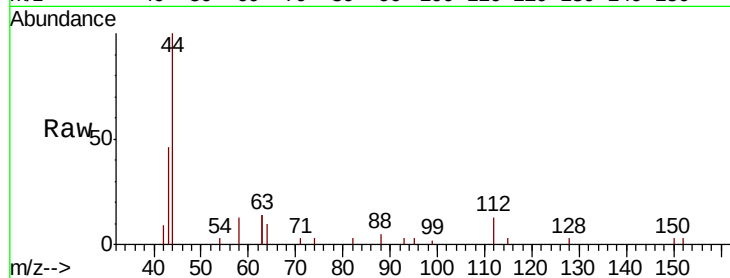
Tgt Ion: 112 Resp: 483

Ion Ratio Lower Upper

112 100

64 80.7 59.8 89.8

63 209.1 133.7 200.5#



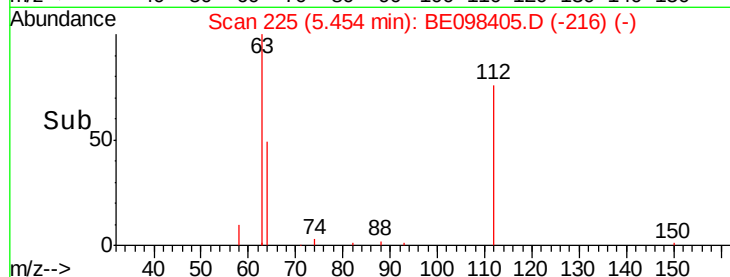
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

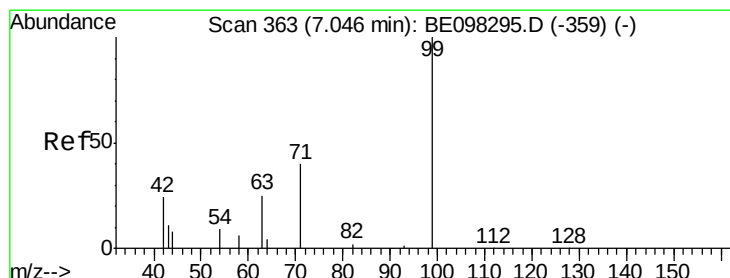
Ion 63.00 (62.70 to 63.70): BE0

5.45

Time-->



Time-->



#5

Phenol-d6

Concen: 0.126 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

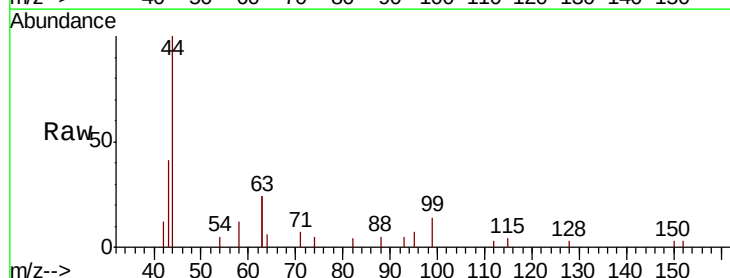
Tgt Ion: 99 Resp: 435

Ion Ratio Lower Upper

99 100

42 49.2 26.3 39.5#

71 47.1 33.6 50.4



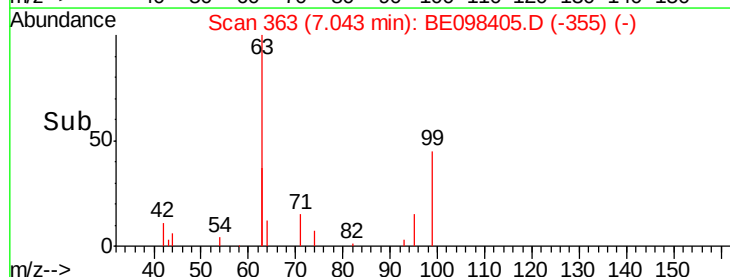
Abundance Ion 99.00 (98.70 to 99.70): BE0

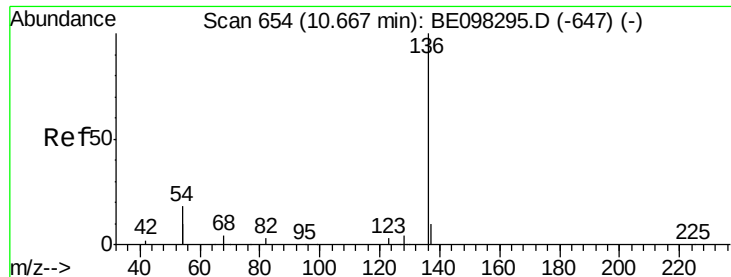
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.04

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

Tgt Ion:136 Resp: 4248

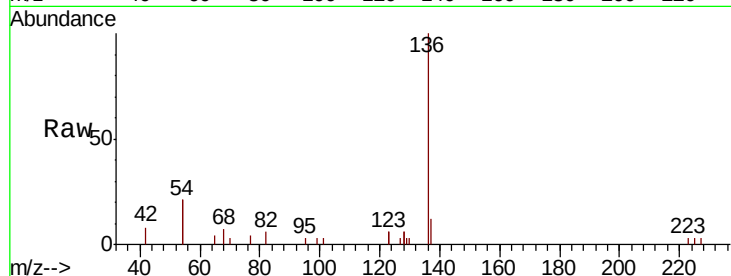
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 42.0 28.4 42.6

68 7.5 5.4 8.0

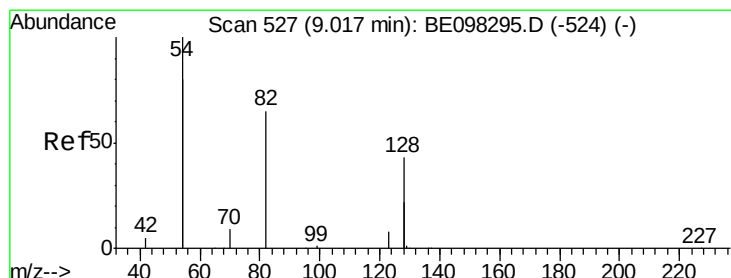
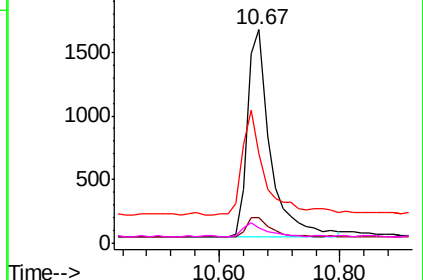
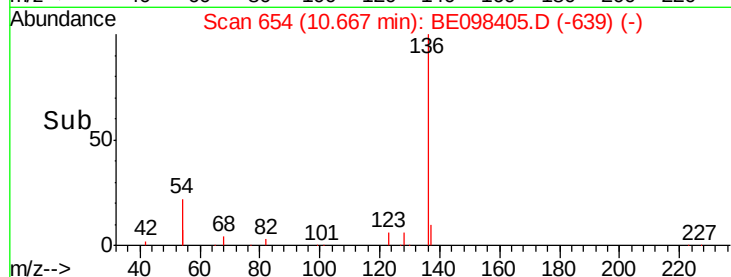


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.424 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

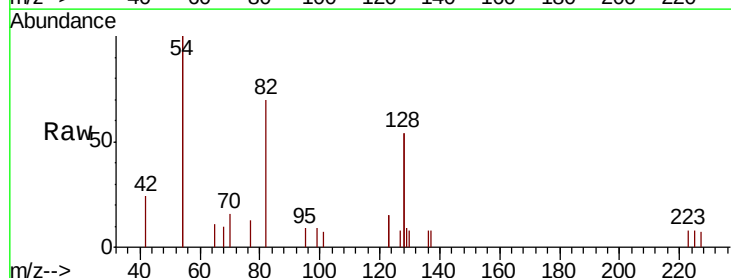
Tgt Ion: 82 Resp: 1640

Ion Ratio Lower Upper

82 100

128 154.6 102.4 153.6#

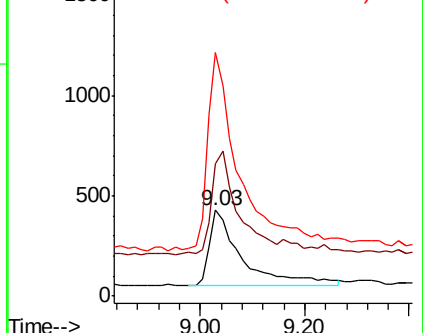
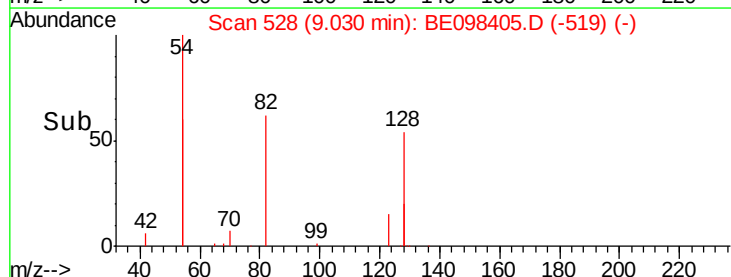
54 284.3 221.8 332.8

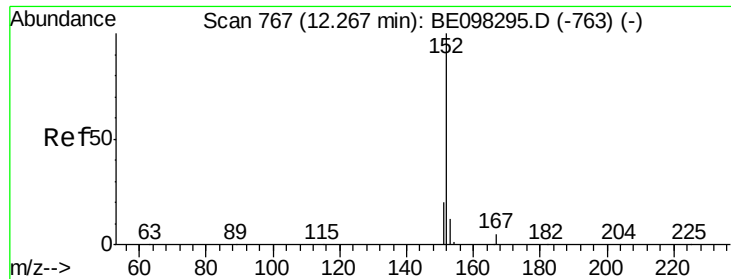


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

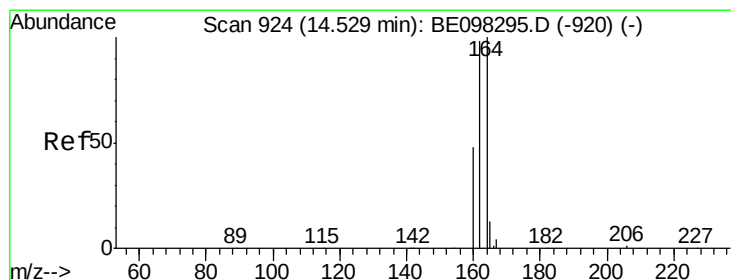
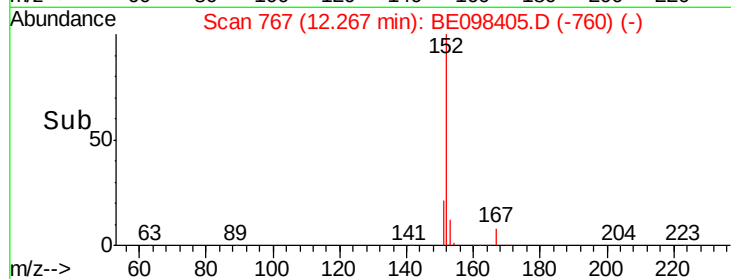
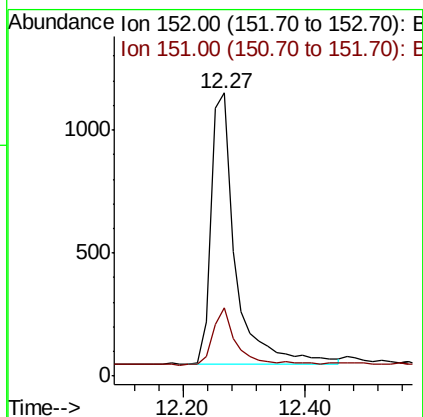
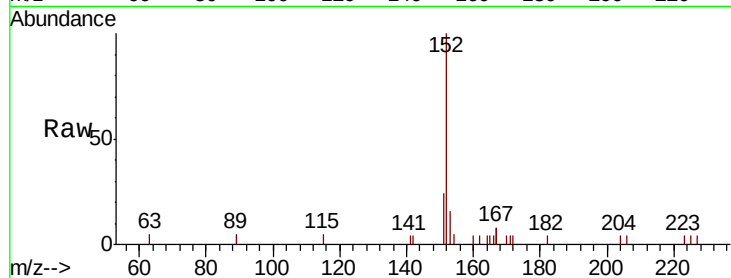




#11
 2-Methylnaphthalene-d10
 Concen: 0.443 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098405.D
 Acq: 13 Dec 2018 20:13

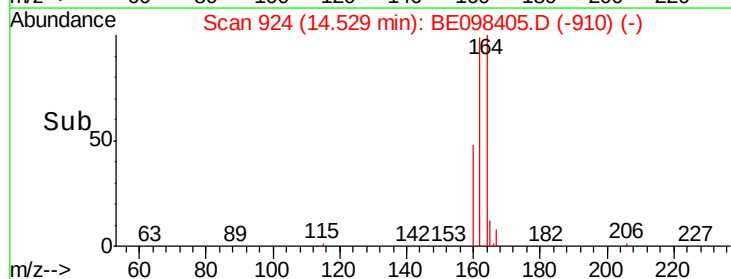
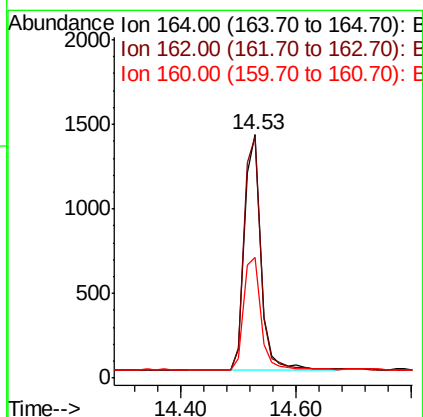
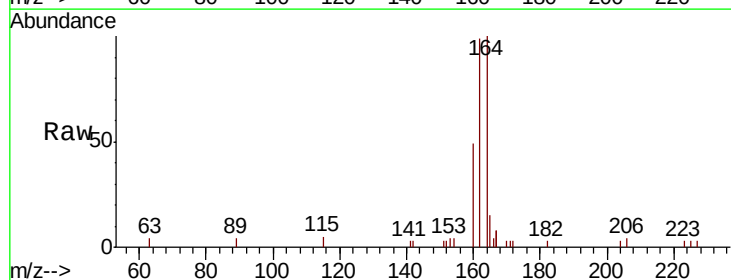
Instrument :
 BNA_E
 ClientSampleId :
 RE-122D3-20181206

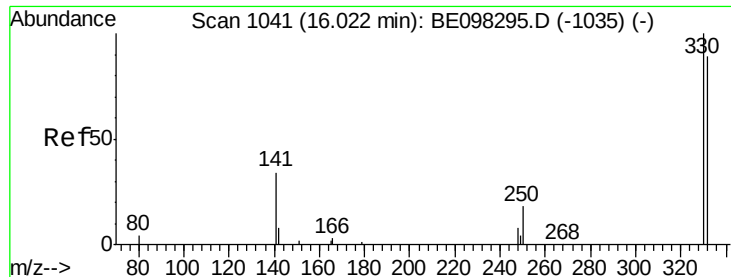
Tgt Ion:152 Resp: 3057
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098405.D
 Acq: 13 Dec 2018 20:13

Tgt Ion:164 Resp: 2796
 Ion Ratio Lower Upper
 164 100
 162 98.9 77.6 116.4
 160 49.4 36.0 54.0

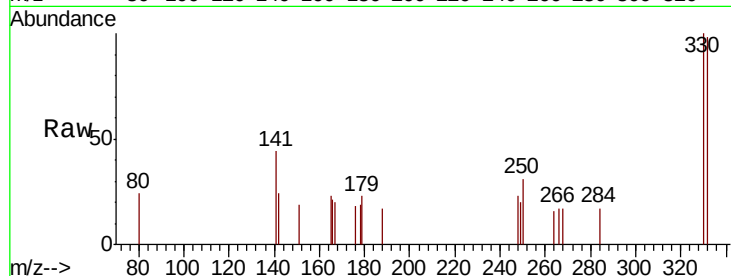




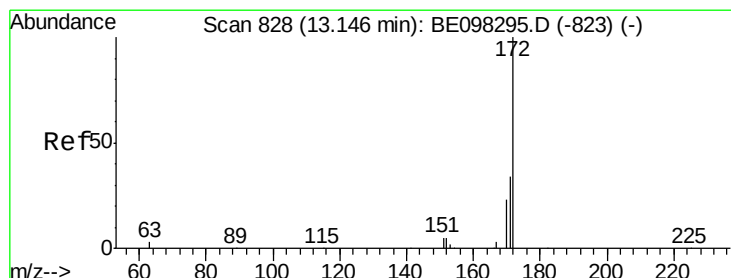
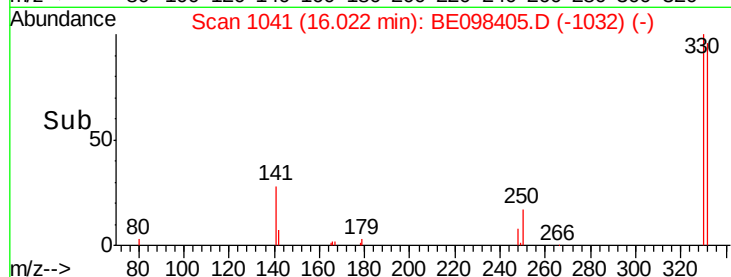
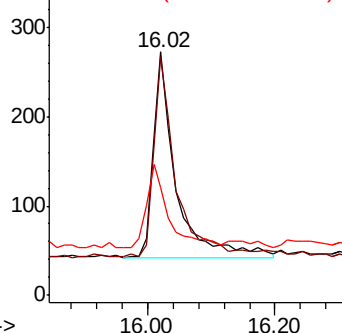
#14
 2,4,6-Tribromophenol
 Concen: 0.560 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098405.D
 Acq: 13 Dec 2018 20:13

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D3-20181206

Tgt Ion: 330 Resp: 575
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 39.5 39.0 58.4

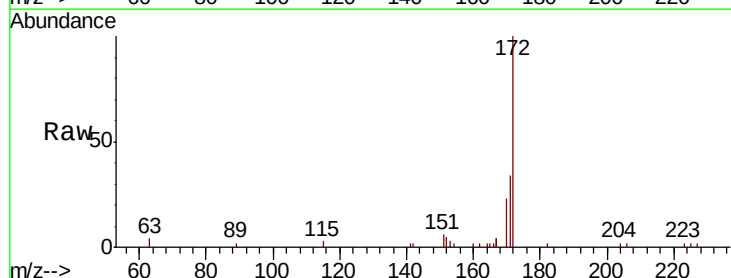


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

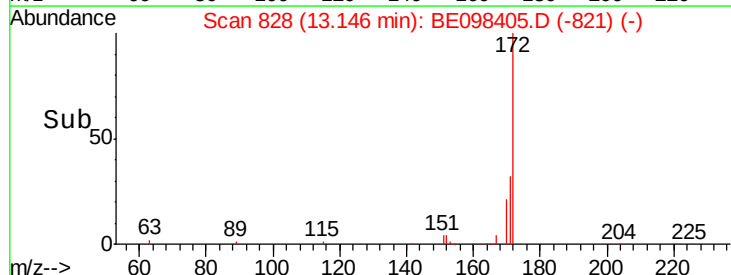
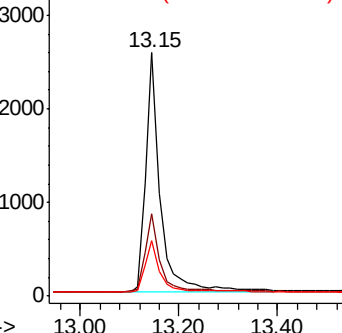


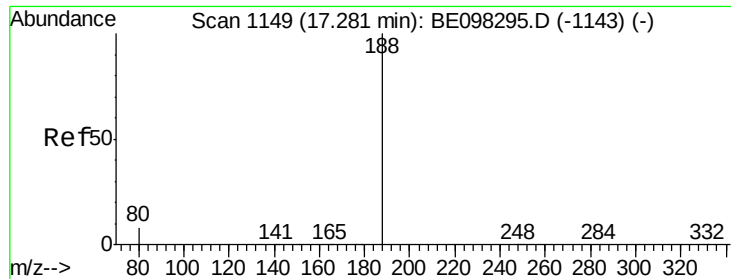
#15
 2-Fluorobiphenyl
 Concen: 0.445 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098405.D
 Acq: 13 Dec 2018 20:13

Tgt Ion: 172 Resp: 5245
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.5 41.3
 170 22.7 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: BE098405.D

Acq: 13 Dec 2018 20:13

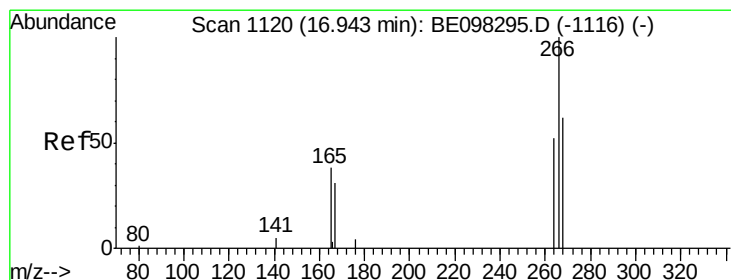
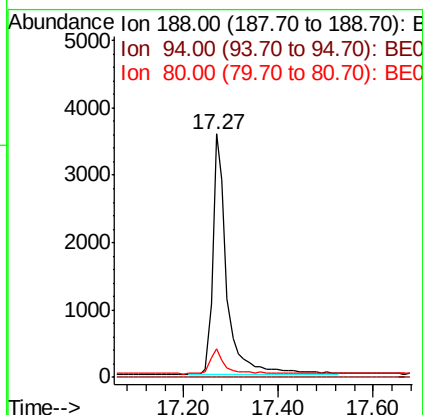
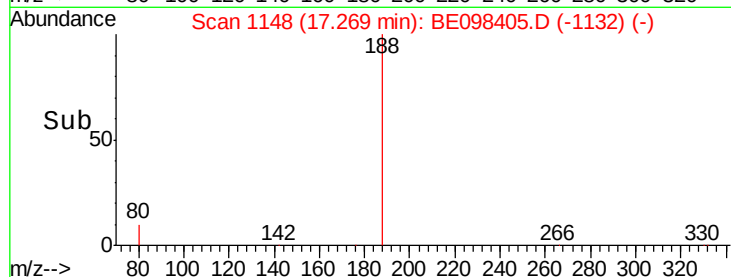
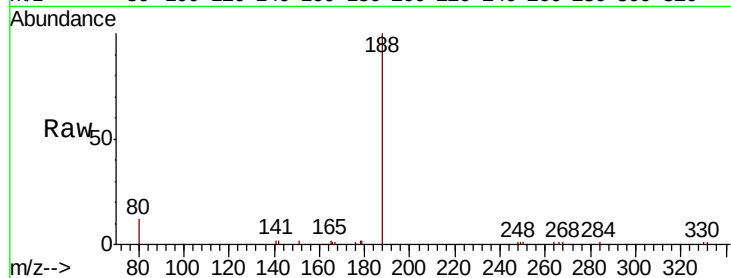
Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

Tgt Ion:	188	Resp:	7577
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	7.2	10.8#



#22

Pentachlorophenol

Concen: 0.029 ng

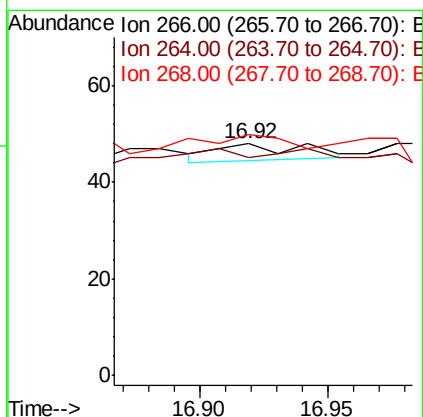
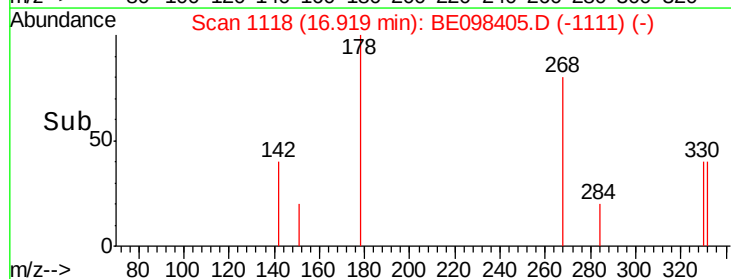
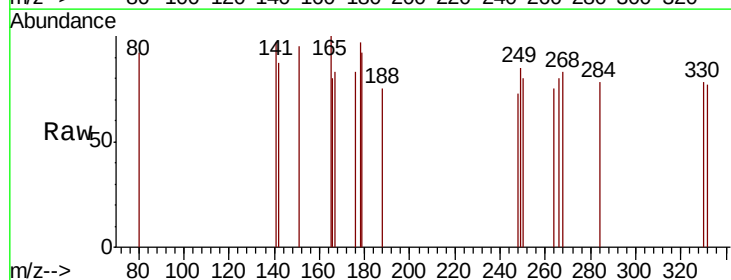
RT: 16.92 min Scan# 1118

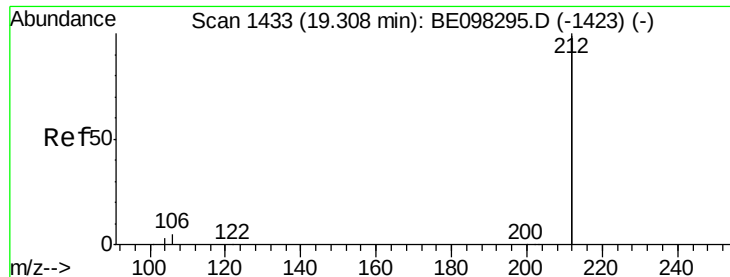
Delta R.T. -0.02 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

Tgt Ion:	266	Resp:	9
Ion	Ratio	Lower	Upper
266	100		
264	93.8	59.0	88.4#
268	104.2	55.1	82.7#





#25

Fluoranthene-d10

Concen: 0.463 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

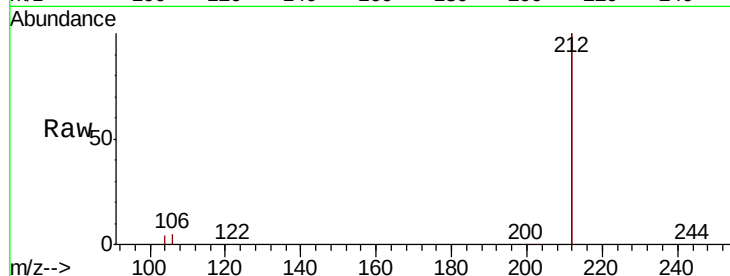
Tgt Ion:212 Resp: 44965

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

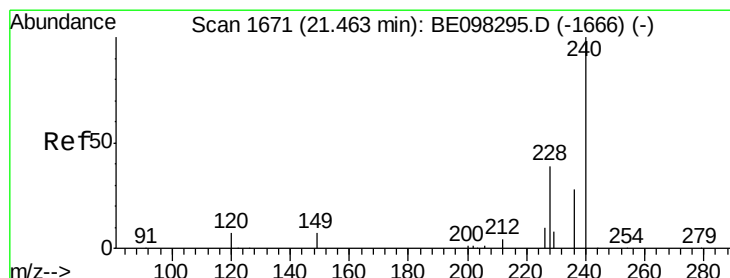
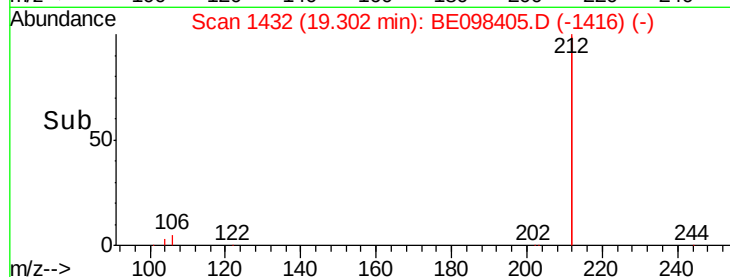
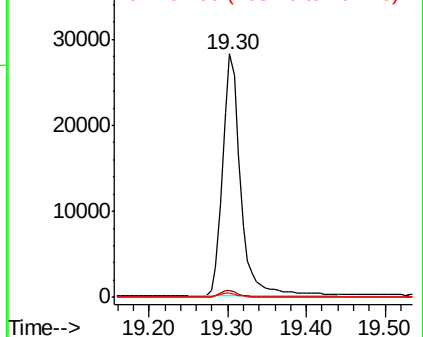
104 1.6 1.3 1.9



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: BE098405.D

Acq: 13 Dec 2018 20:13

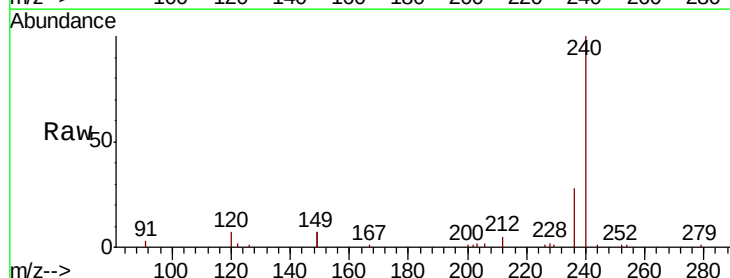
Tgt Ion:240 Resp: 8551

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

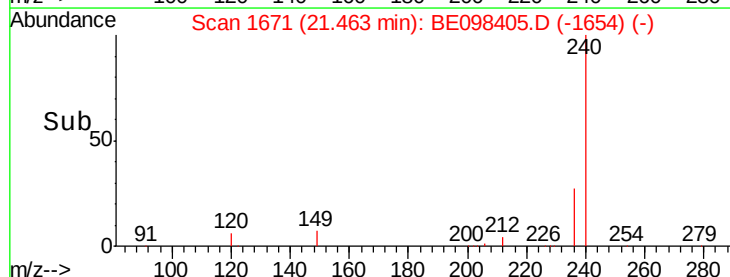
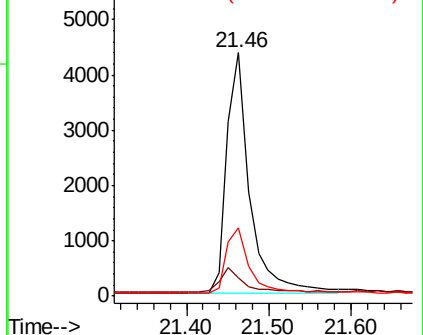
236 28.0 22.7 34.1

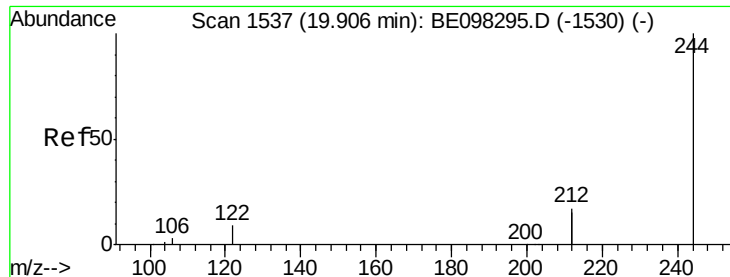


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

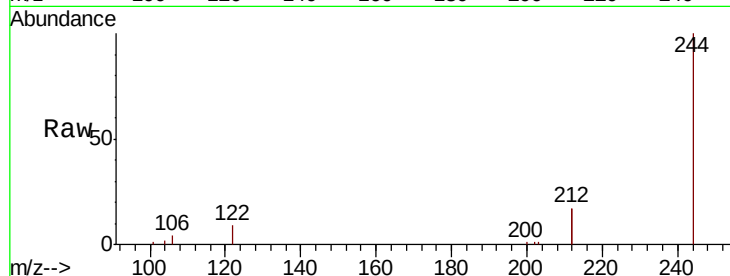
Tgt Ion:244 Resp: 9450

Ion Ratio Lower Upper

244 100

212 34.2 27.4 41.0

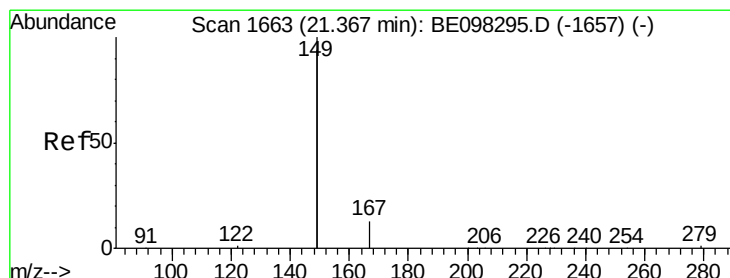
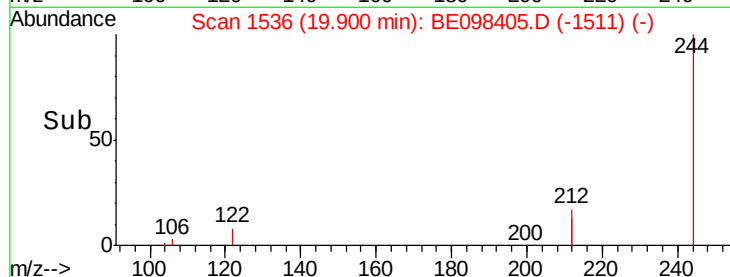
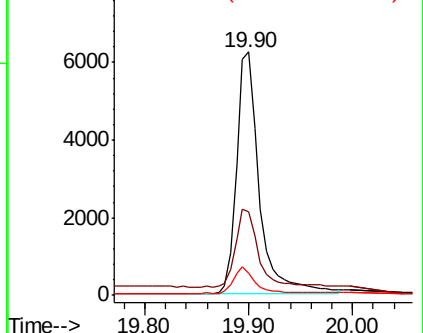
122 9.3 8.3 12.5



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: 0.039 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

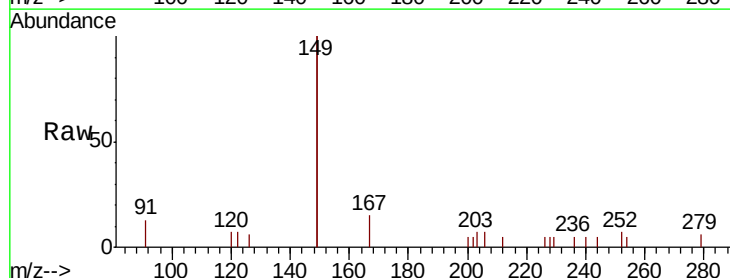
Tgt Ion:149 Resp: 1939

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

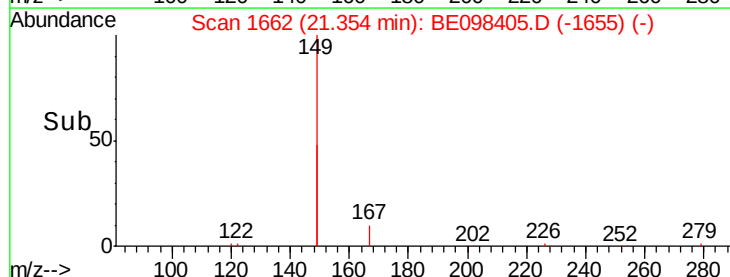
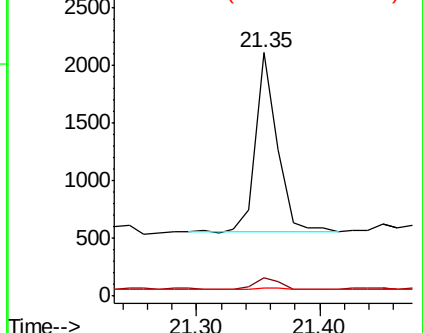
279 2.6 1.0 1.4#

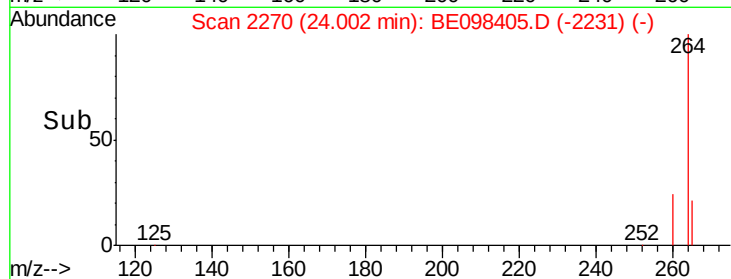
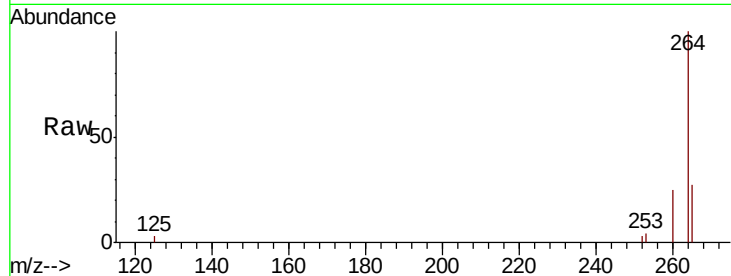
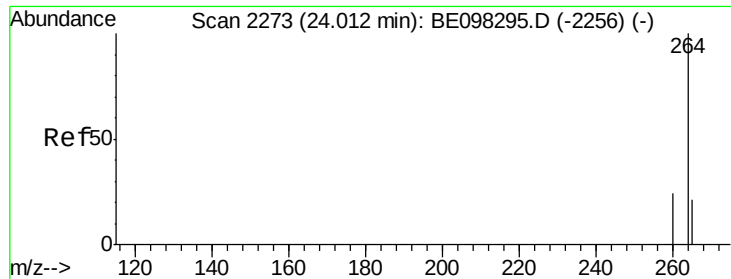


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2270

Delta R.T. -0.01 min

Lab File: BE098405.D

Acq: 13 Dec 2018 20:13

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181206

Tgt Ion:264 Resp: 8386

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 27.3 25.2 37.8

