

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098384.D
 Acq On : 13 Dec 2018 5:16
 Operator : SJ/JU
 Sample : J6325-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20181205

Quant Time: Dec 13 05:55:06 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	7.86	152	974	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4115	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2748	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7539	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8402	0.40	ng	0.00
34) Perylene-d12	24.00	264	8107	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	534	0.23	ng	0.01
5) Phenol-d6	7.08	99	305	0.09	ng	0.03
8) Nitrobenzene-d5	9.04	82	1296	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3077	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	550	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6084	0.52	ng	0.00
25) Fluoranthene-d10	19.30	212	42370	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	9090	0.45	ng	0.00

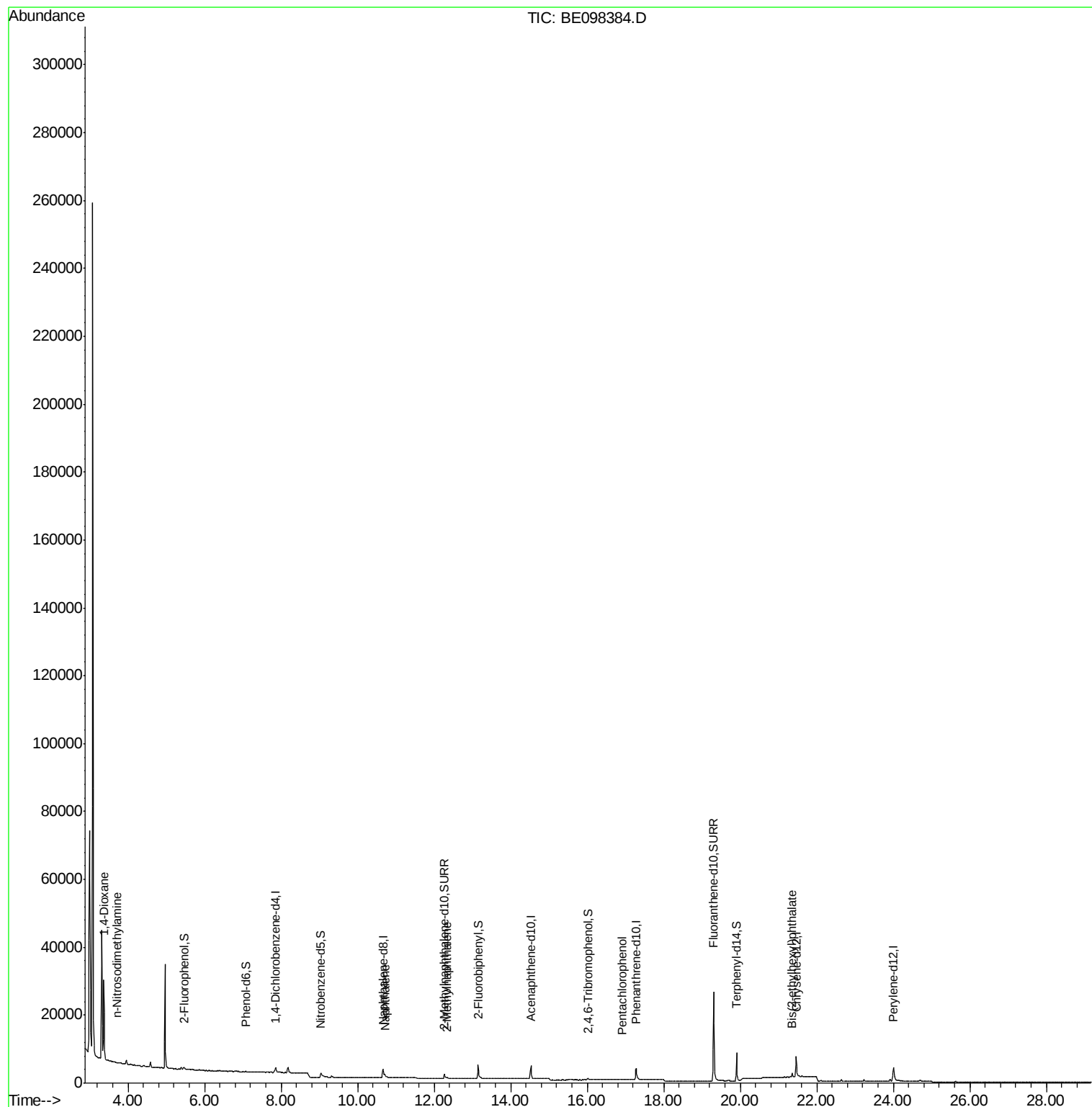
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	12005	7.127	ng	98
3) n-Nitrosodimethylamine	3.71	42	56	0.037	ng	# 100
9) Naphthalene	10.72	128	1869	0.045	ng	# 84
12) 2-Methylnaphthalene	12.34	142	333	0.049	ng	# 79
22) Pentachlorophenol	16.92	266	4	0.022	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.35	149	1637	0.034	ng	# 98

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

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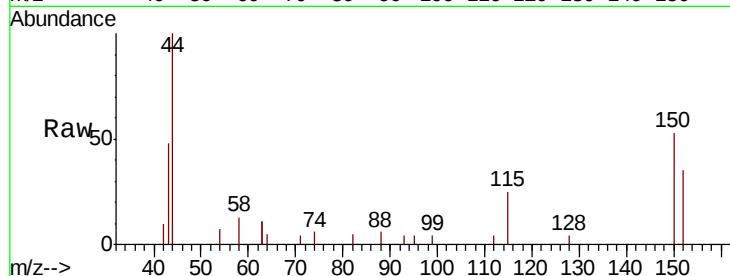


#1

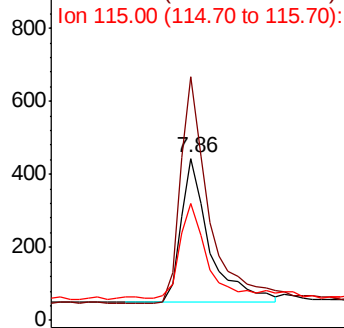
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098384.D
Acq: 13 Dec 2018 5:16

Instrument :
BNA_E
ClientSampleId :
RE-131D2-20181205

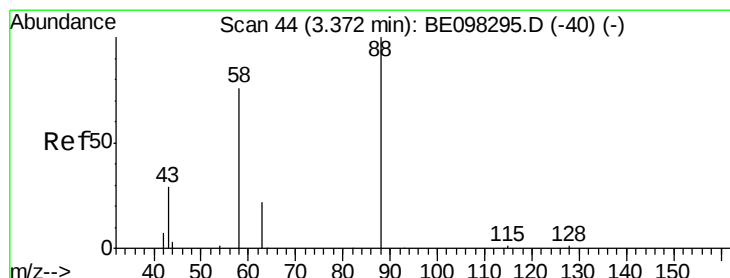
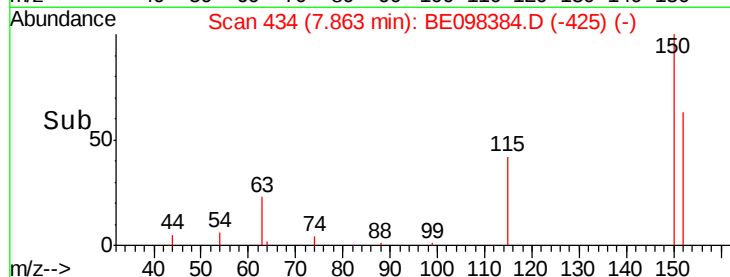
Tgt Ion: 152 Resp: 974
Ion Ratio Lower Upper
152 100
150 150.2 124.2 186.4
115 72.1 53.9 80.9



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



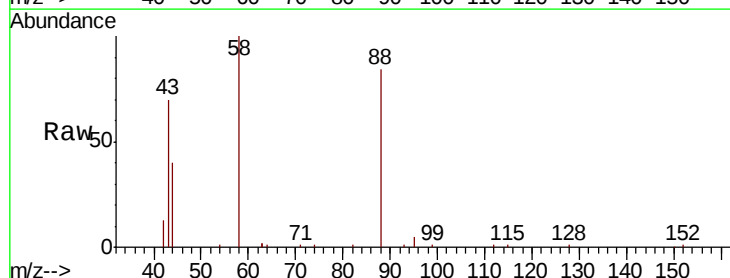
Time--> 7.70 7.80 7.90 8.00



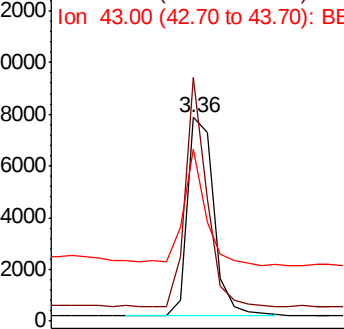
#2

1,4-Dioxane
Concen: 7.127 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098384.D
Acq: 13 Dec 2018 5:16

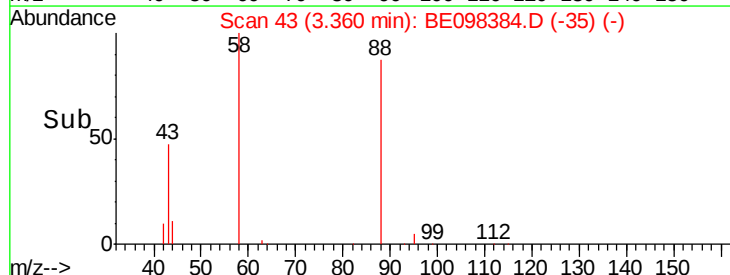
Tgt Ion: 88 Resp: 12005
Ion Ratio Lower Upper
88 100
58 92.6 75.0 112.6
43 51.2 38.3 57.5



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--> 3.25 3.30 3.35 3.40 3.45





#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205

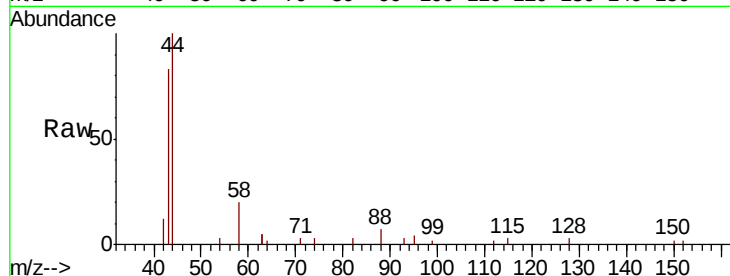
Tgt Ion: 42 Resp: 56

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

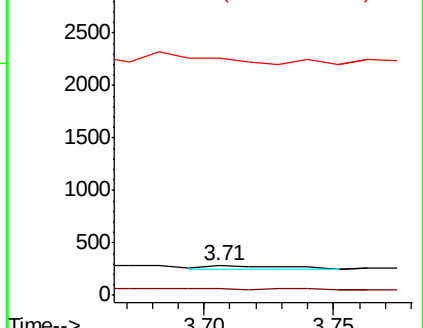
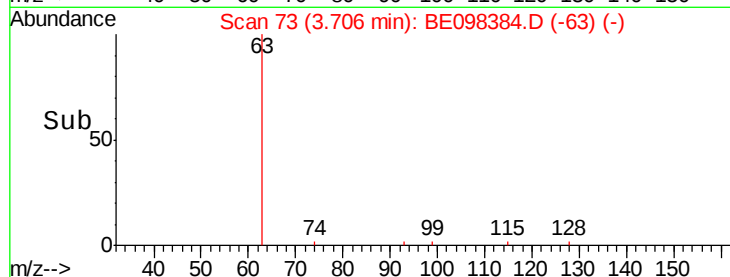
44 0.0 0.0 0.0



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: 0.234 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

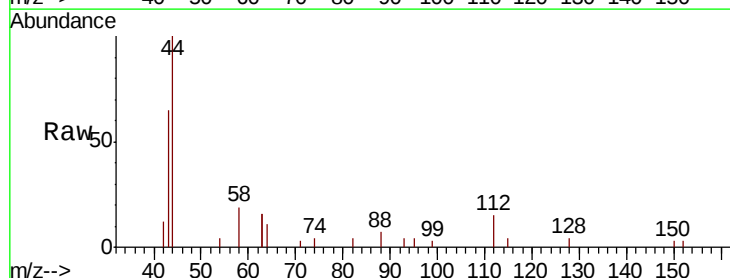
Tgt Ion: 112 Resp: 534

Ion Ratio Lower Upper

112 100

64 81.8 59.8 89.8

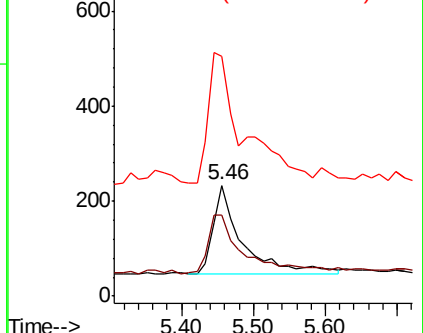
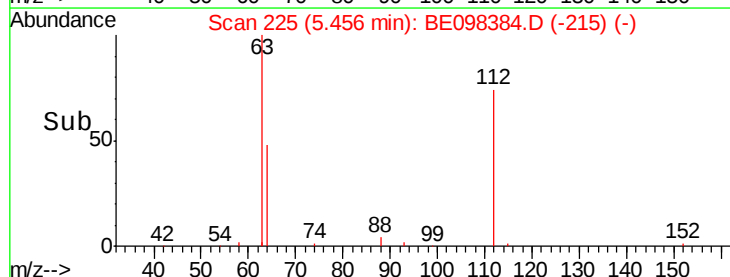
63 174.9 133.7 200.5



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: 0.094 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205

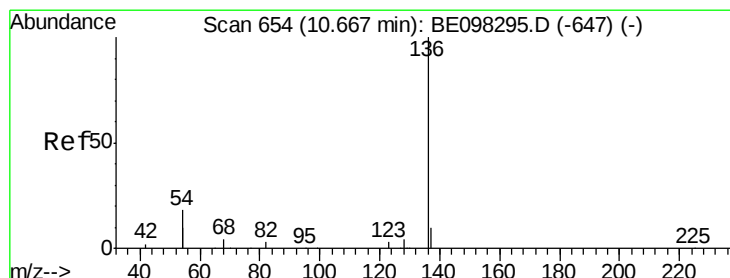
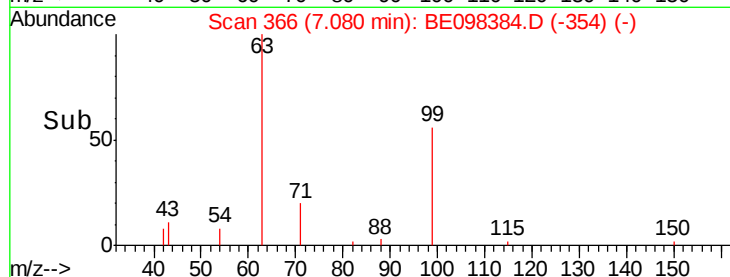
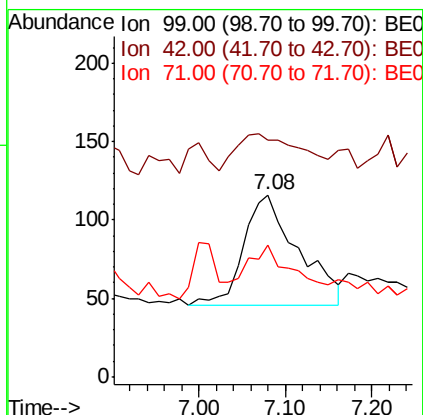
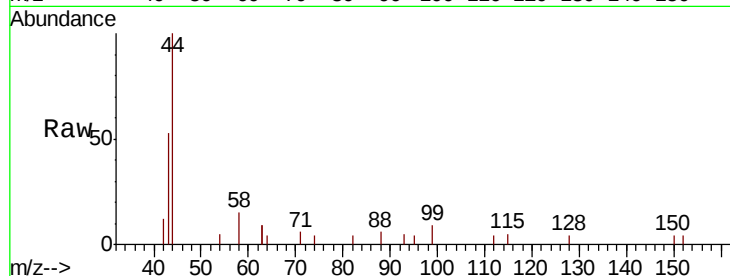
Tgt Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 40.0 26.3 39.5#

71 28.9 33.6 50.4#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

Tgt Ion: 136 Resp: 4115

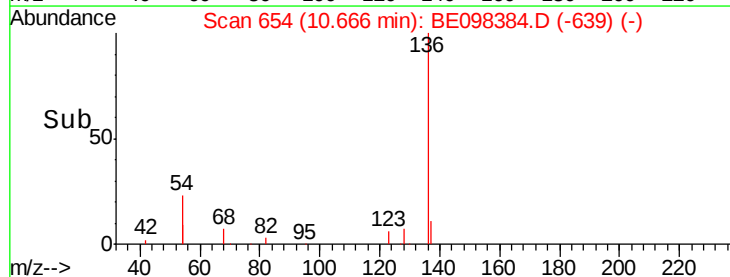
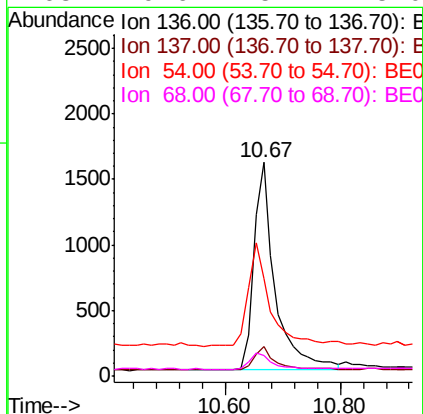
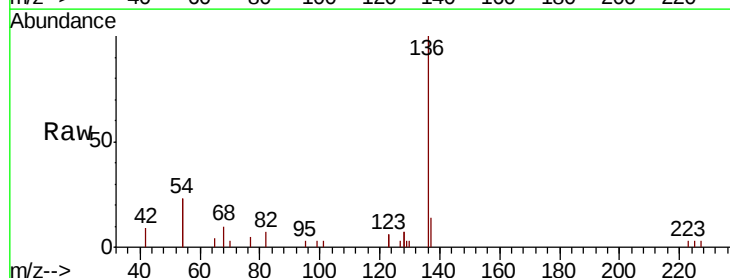
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 45.5 28.4 42.6#

68 9.6 5.4 8.0#





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

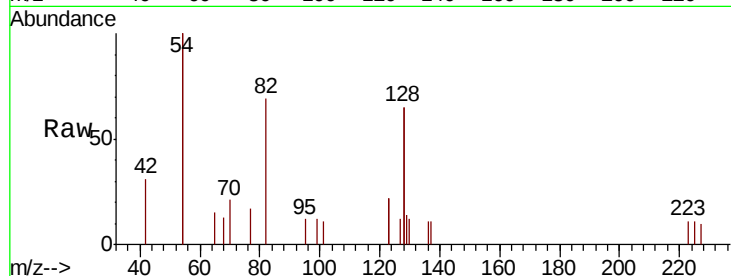
Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205

Tgt Ion	Ratio	Lower	Upper
82	100		
128	187.3	102.4	153.6#
54	288.7	221.8	332.8

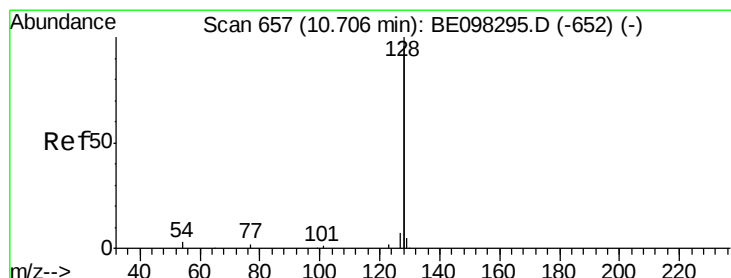
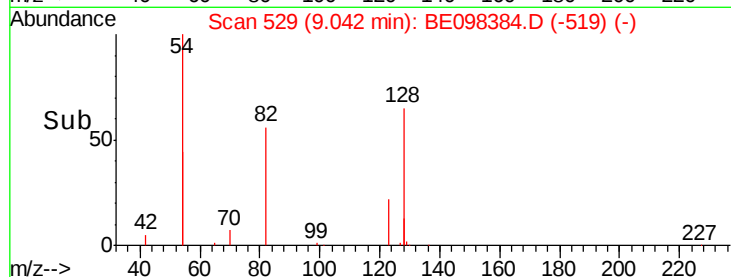
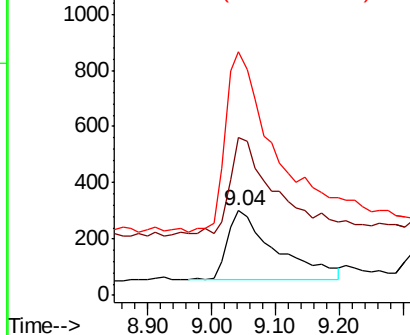


Abundance

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



#9

Naphthalene

Concen: 0.045 ng

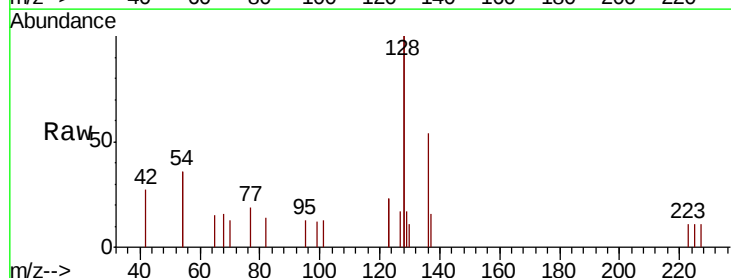
RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.5	2.5	3.7#
127	8.4	2.7	4.1#

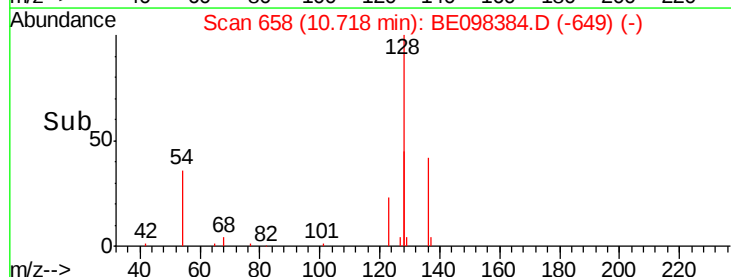
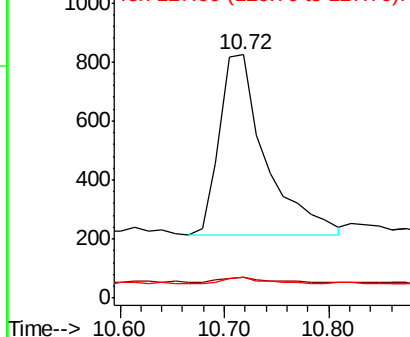


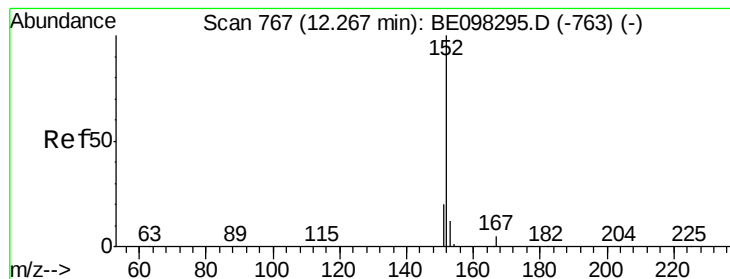
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

Instrument :

BNA_E

ClientSampleId :

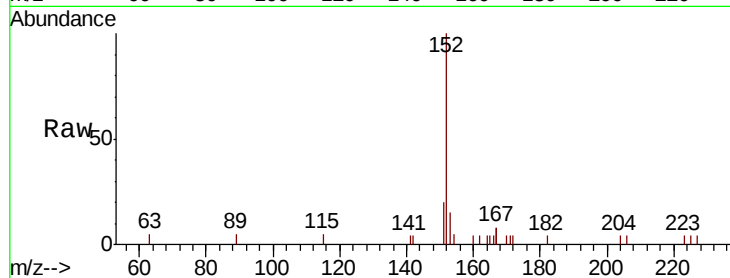
RE-131D2-20181205

Tgt Ion:152 Resp: 3077

Ion Ratio Lower Upper

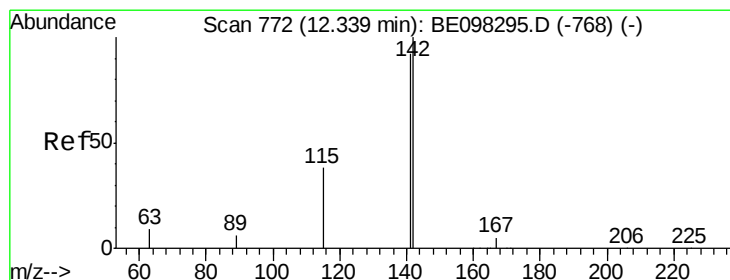
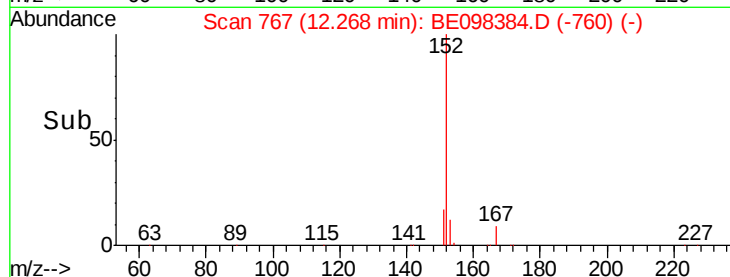
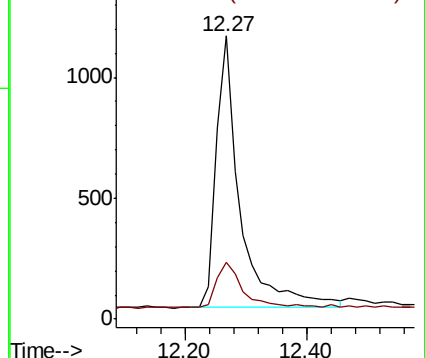
152 100

151 17.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.049 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

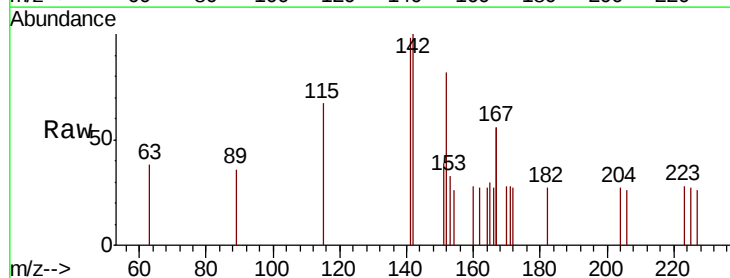
Tgt Ion:142 Resp: 333

Ion Ratio Lower Upper

142 100

141 98.2 71.0 106.6

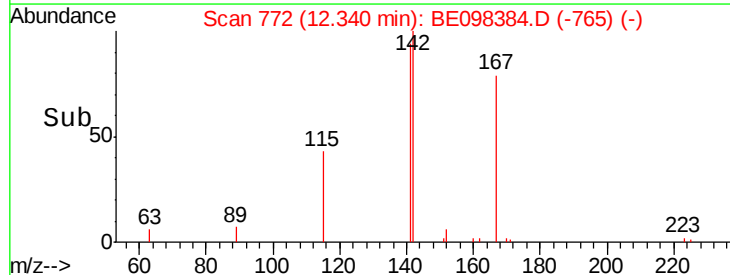
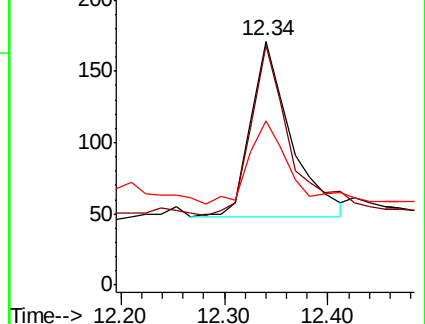
115 67.3 32.2 48.2#

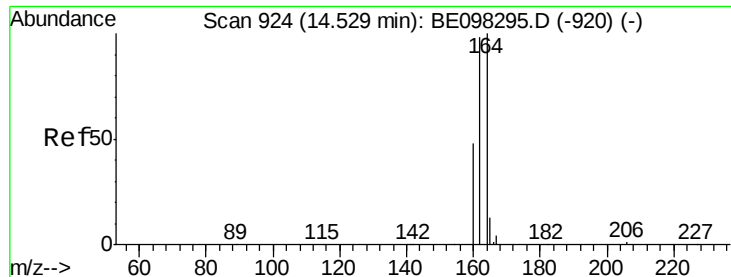


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

Instrument :

BNA_E

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RE-131D2-20181205

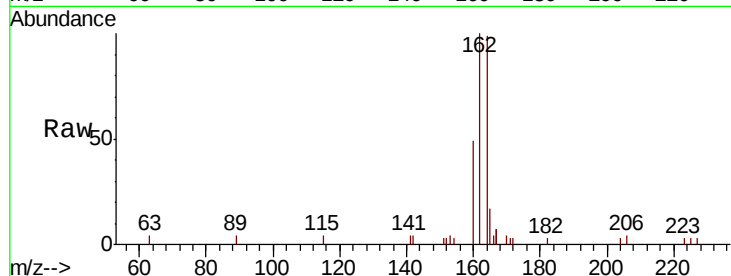
Tgt Ion:164 Resp: 2748

Ion Ratio Lower Upper

164 100

162 101.0 77.6 116.4

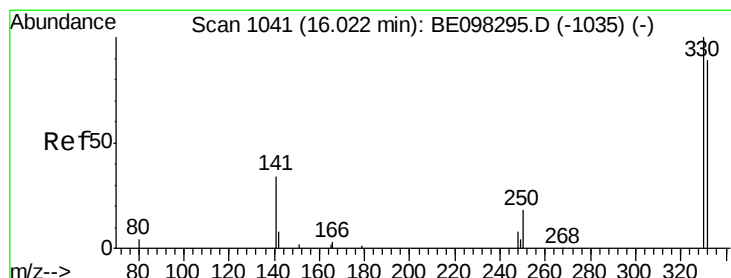
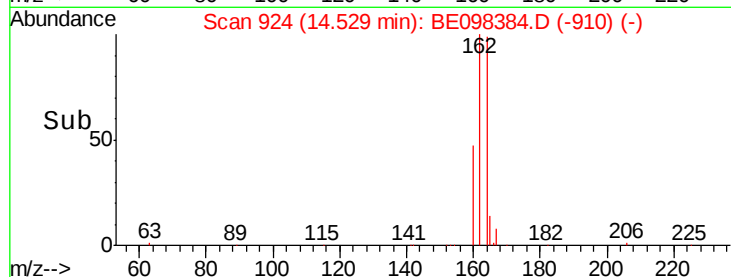
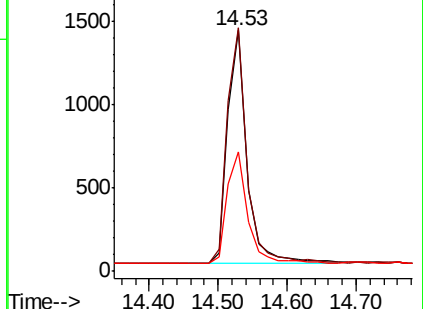
160 49.5 36.0 54.0



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: 0.545 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

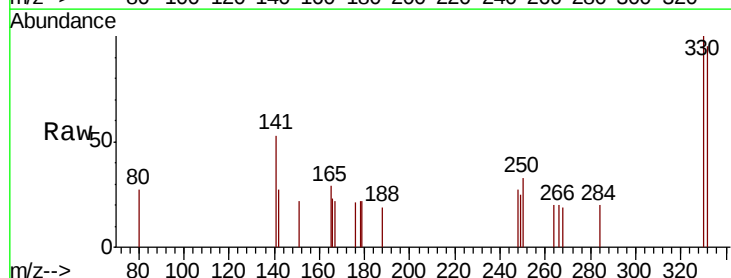
Tgt Ion:330 Resp: 550

Ion Ratio Lower Upper

330 100

332 88.2 76.2 114.4

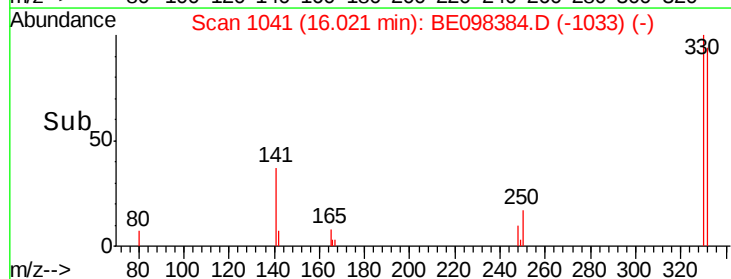
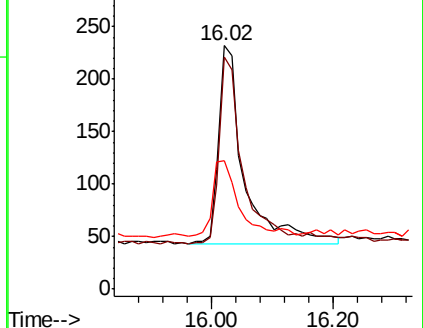
141 39.8 39.0 58.4

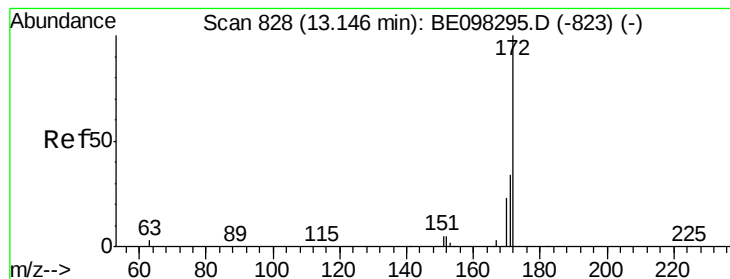


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.525 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

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RE-131D2-20181205

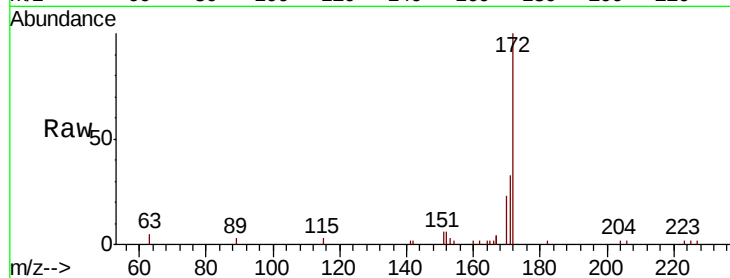
Tgt Ion:172 Resp: 6084

Ion Ratio Lower Upper

172 100

171 32.8 27.5 41.3

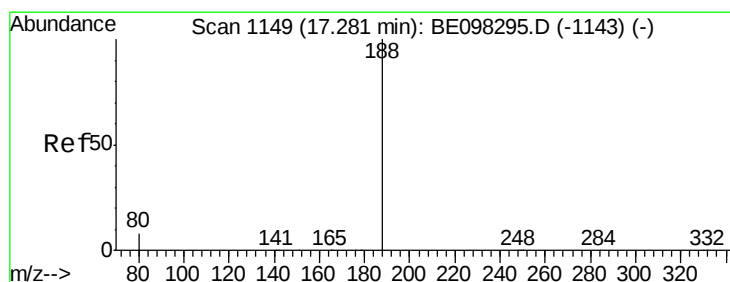
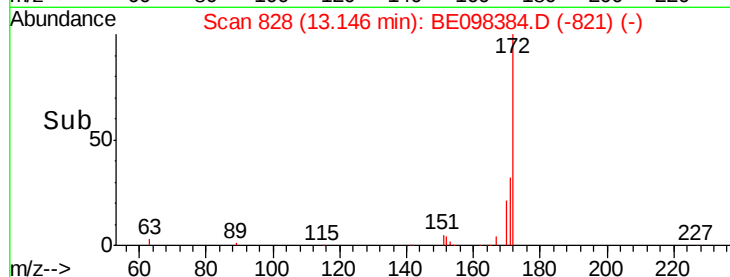
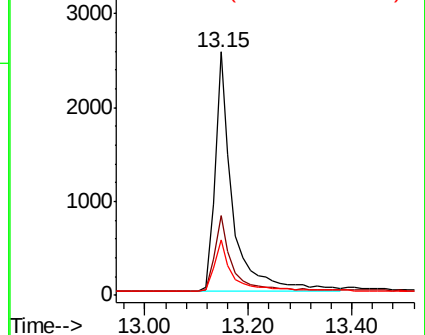
170 22.7 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

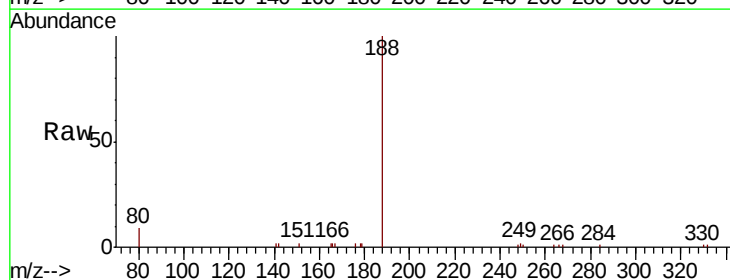
Tgt Ion:188 Resp: 7539

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

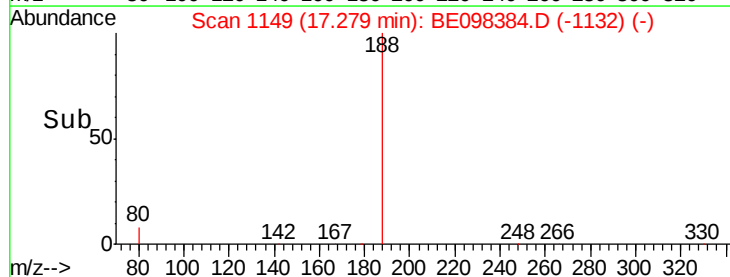
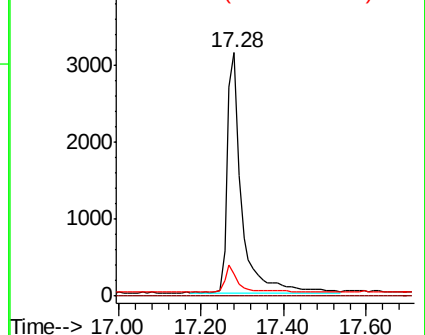
80 9.2 7.2 10.8

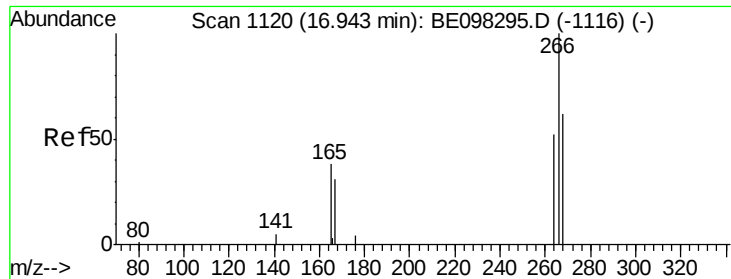


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

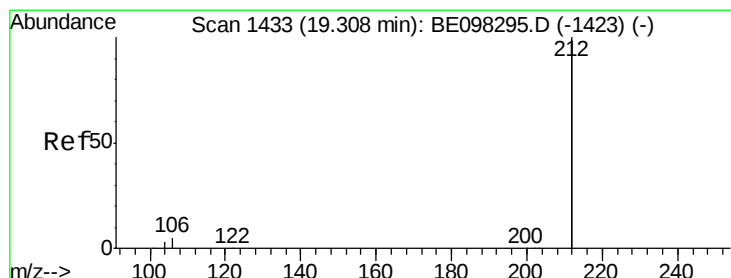
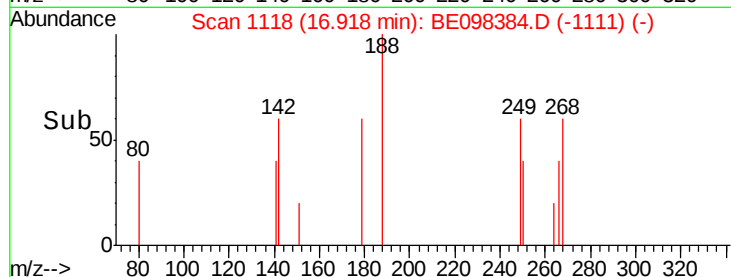
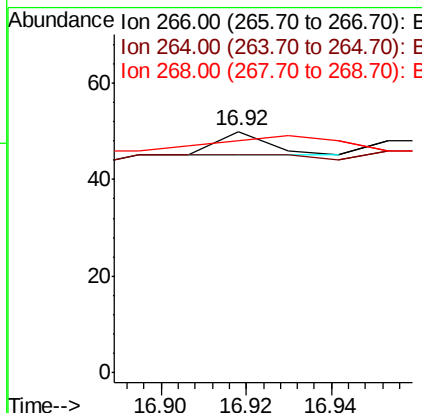
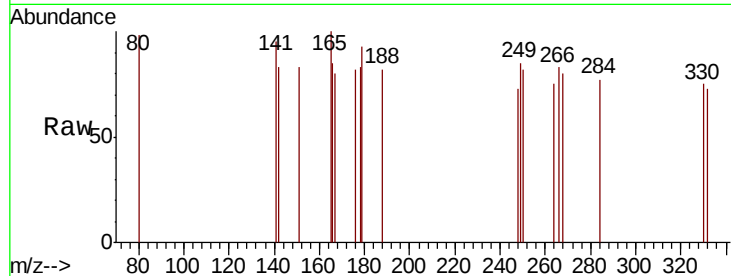




#22
 Pentachlorophenol
 Concen: 0.022 ng
 RT: 16.92 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BE098384.D
 Acq: 13 Dec 2018 5:16

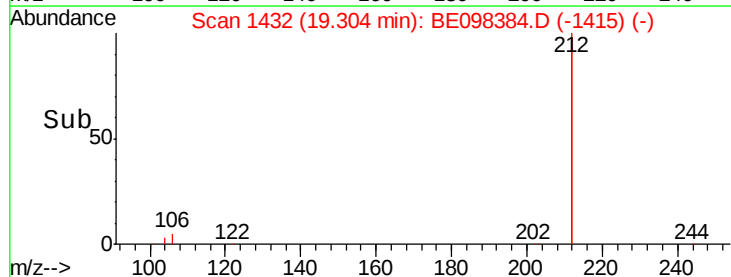
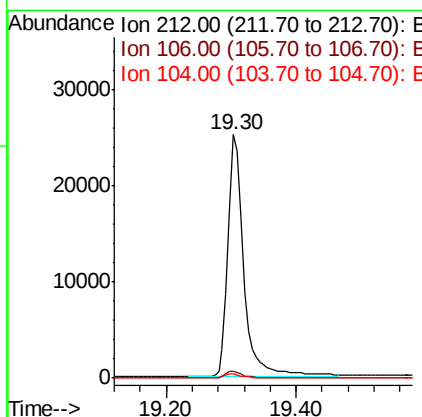
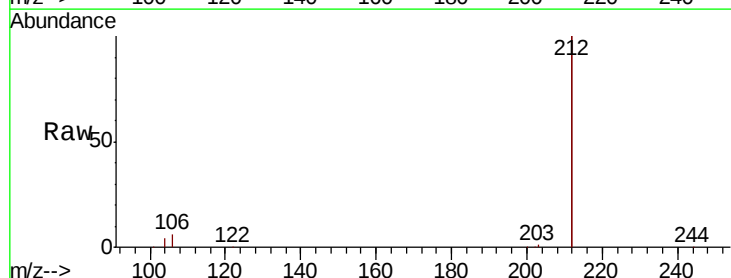
Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20181205

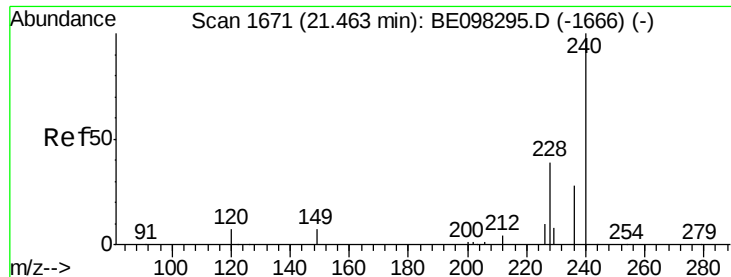
Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 90.0 59.0 88.4#
 268 96.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.438 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098384.D
 Acq: 13 Dec 2018 5:16

Tgt Ion: 212 Resp: 42370
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.6 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: BE098384.D

Acq: 13 Dec 2018 5:16

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205

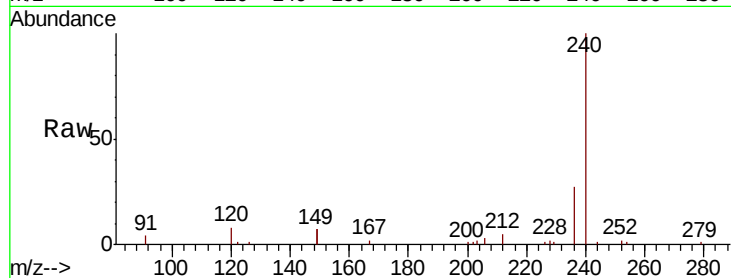
Tgt Ion:240 Resp: 8402

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

236 26.6 22.7 34.1

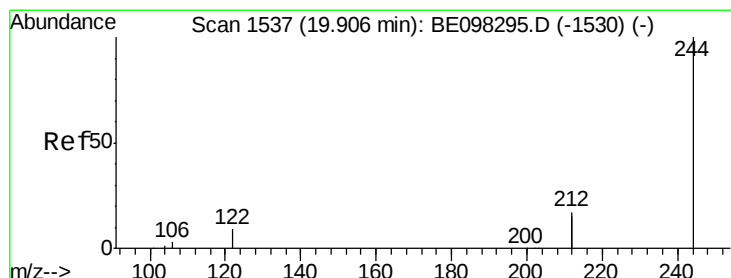
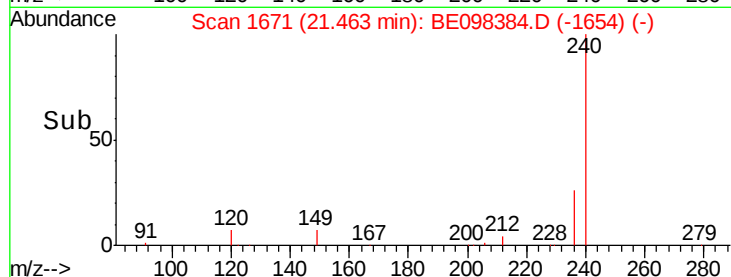
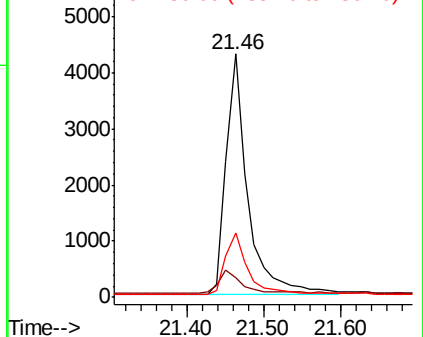


Abundance

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: 0.445 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098384.D

Acq: 13 Dec 2018 5:16

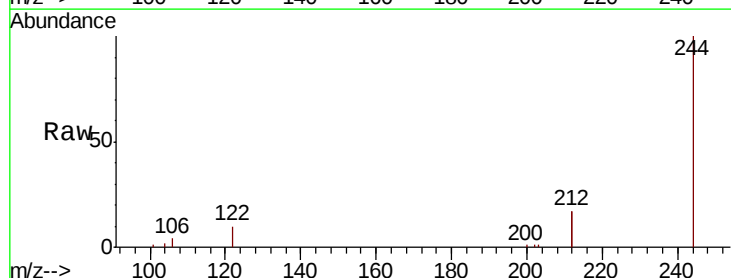
Tgt Ion:244 Resp: 9090

Ion Ratio Lower Upper

244 100

212 33.9 27.4 41.0

122 10.3 8.3 12.5

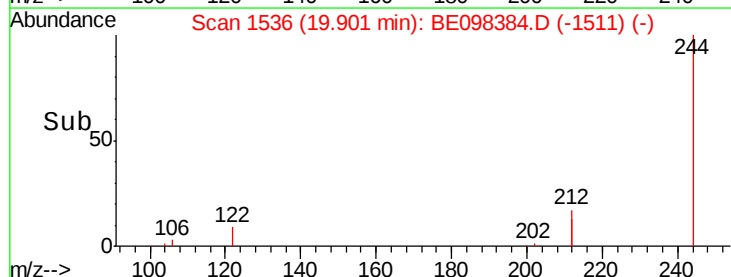
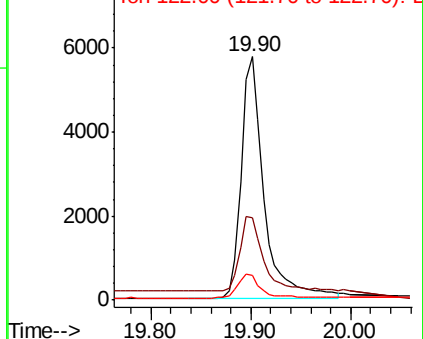


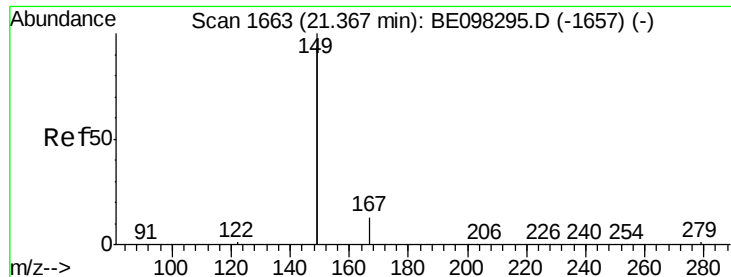
Abundance

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

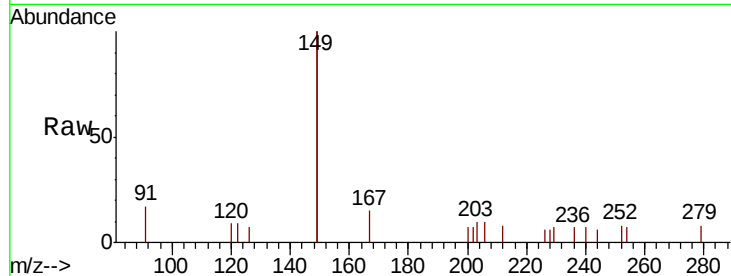




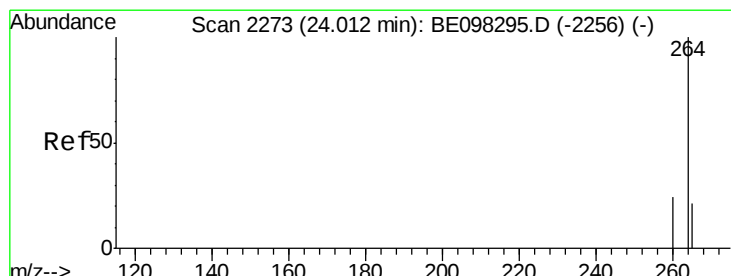
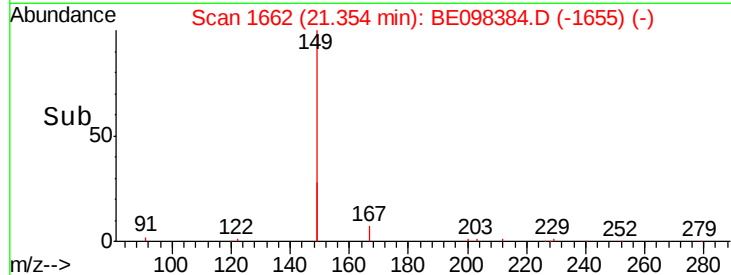
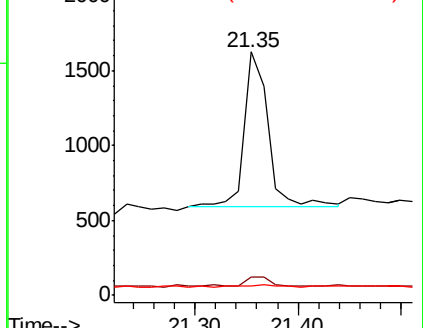
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098384.D
 Acq: 13 Dec 2018 5:16

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20181205

Tgt Ion:149 Resp: 1637
 Ion Ratio Lower Upper
 149 100
 167 6.2 5.7 8.5
 279 1.7 1.0 1.4#

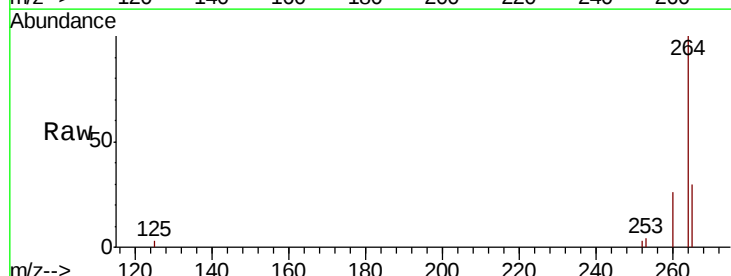


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098384.D
 Acq: 13 Dec 2018 5:16

Tgt Ion:264 Resp: 8107
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.2 30.2
 265 29.7 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

