

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098411.D
 Acq On : 13 Dec 2018 23:54
 Operator : SJ/JU
 Sample : J6324-05DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205DL

Quant Time: Dec 14 00:56:20 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

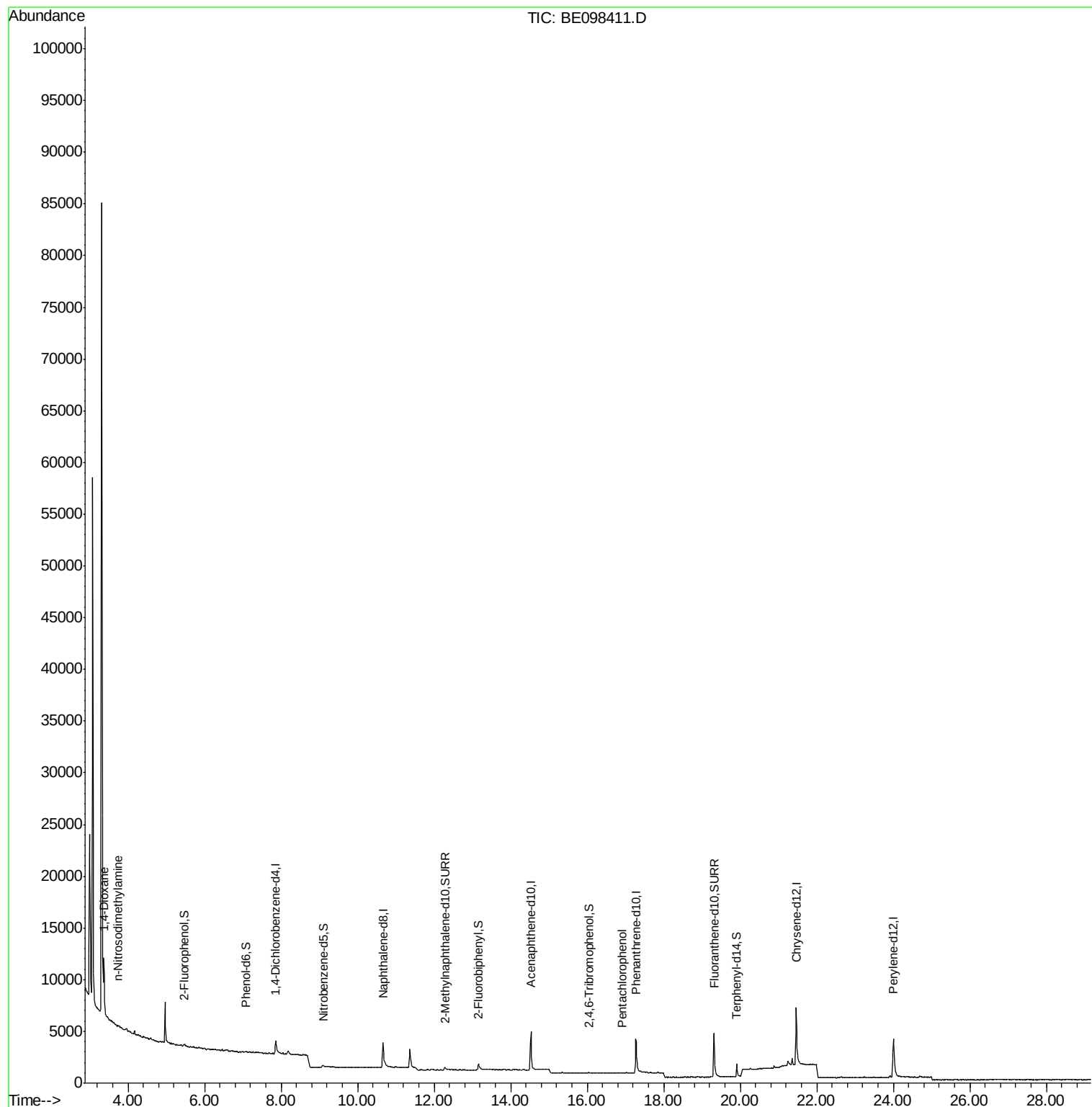
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	958	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4268	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2890	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7595	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8490	0.40	ng	0.00
34) Perylene-d12	24.01	264	7952	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	170	0.08	ng	0.02
5) Phenol-d6	7.08	99	64	0.02	ng	0.03
8) Nitrobenzene-d5	9.11	82	225	0.06	ng	0.09
11) 2-Methylnaphthalene-d10	12.28	152	645	0.09	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	66	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1216	0.10	ng	0.01
25) Fluoranthene-d10	19.31	212	9282	0.10	ng	0.00
29) Terphenyl-d14	19.91	244	1695	0.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	2558	1.544	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.73	42	43	0.029	ng	# 100
22) Pentachlorophenol	16.91	266	6	0.025	ng	# 72

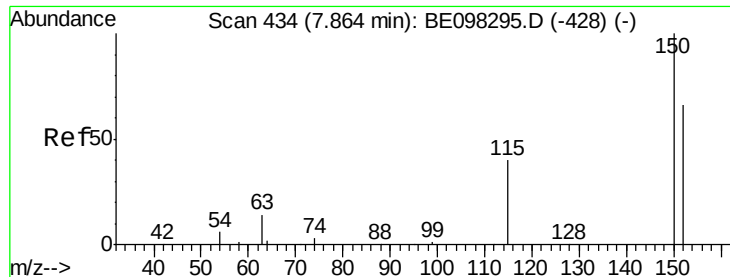
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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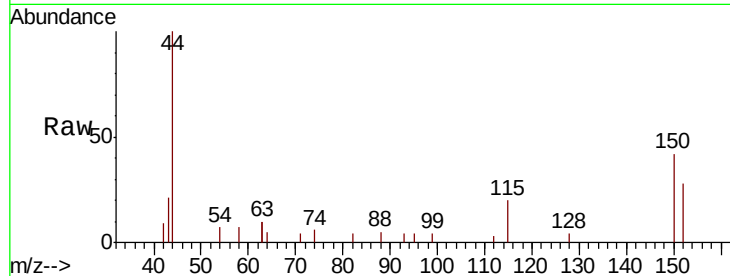


#1

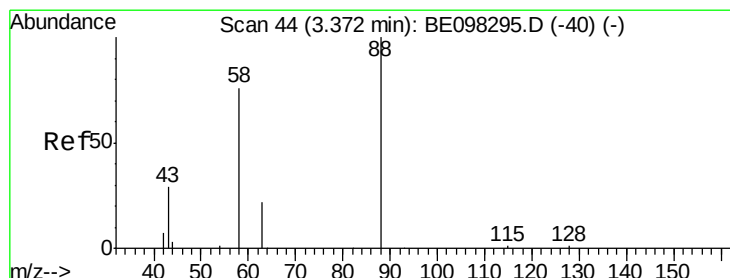
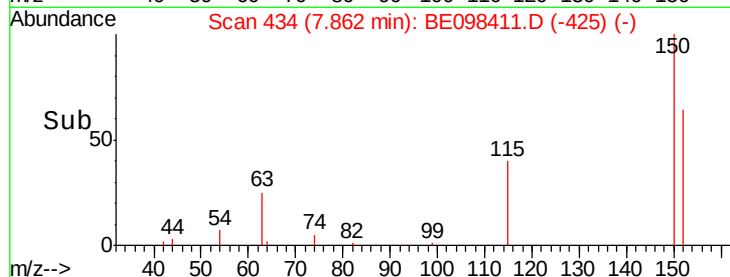
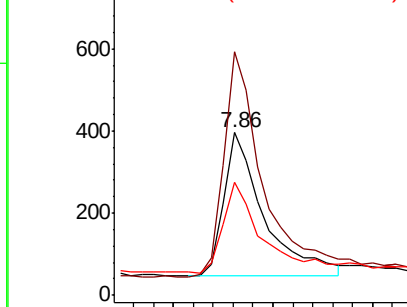
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.7	124.2	186.4
115	69.4	53.9	80.9



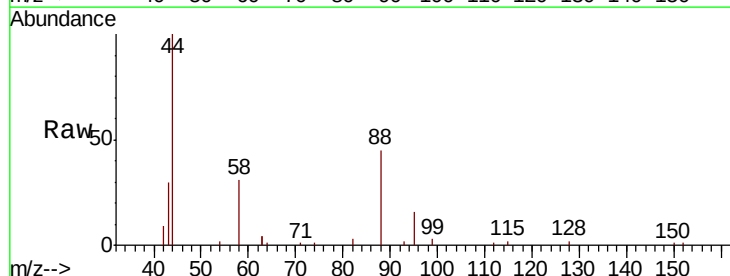
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



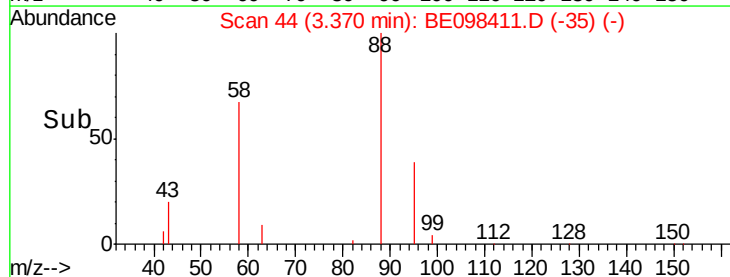
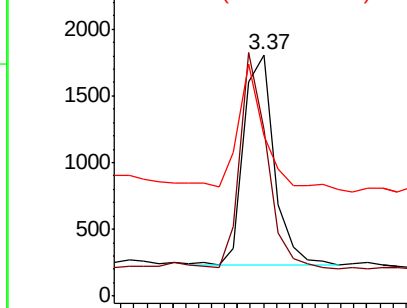
#2

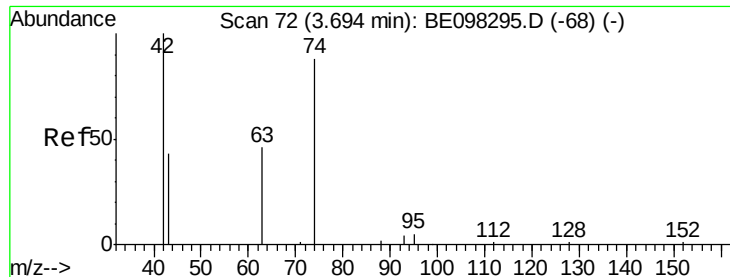
1,4-Dioxane
Concen: 1.544 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.1	75.0	112.6
43	51.5	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: 0.029 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.03 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205DL

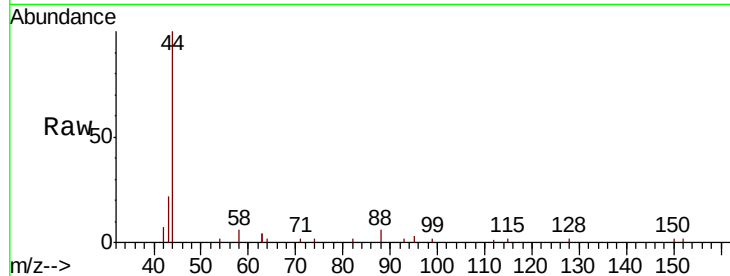
Tgt Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

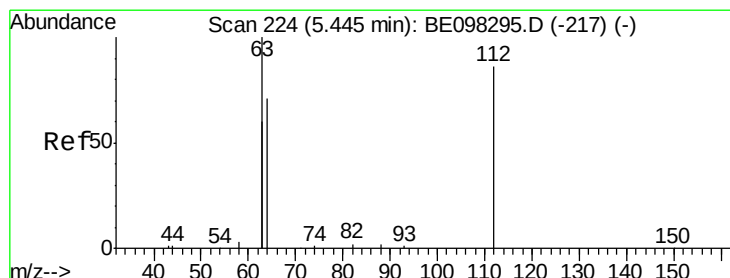
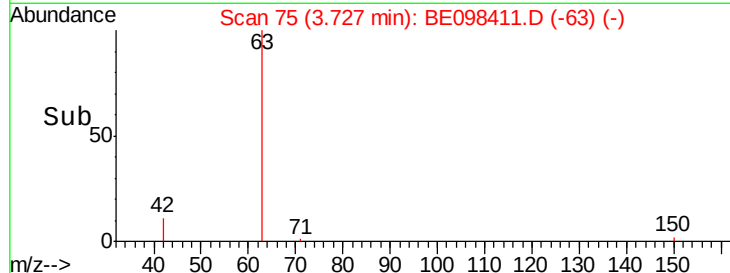
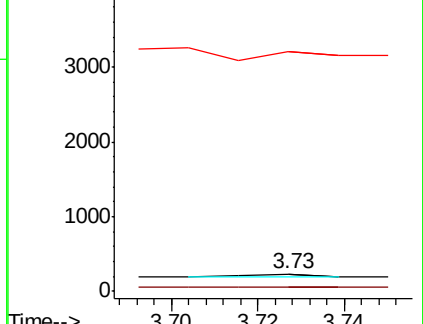
44 0.0 0.0 0.0



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: 0.076 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

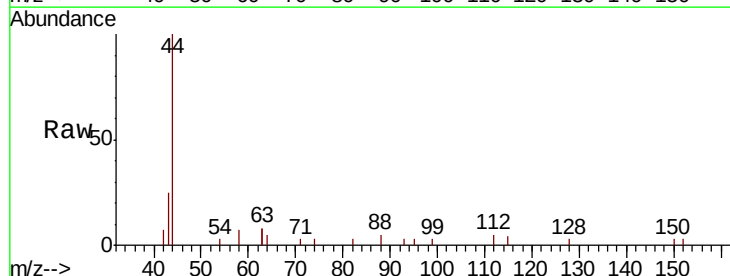
Tgt Ion: 112 Resp: 170

Ion Ratio Lower Upper

112 100

64 96.5 59.8 89.8#

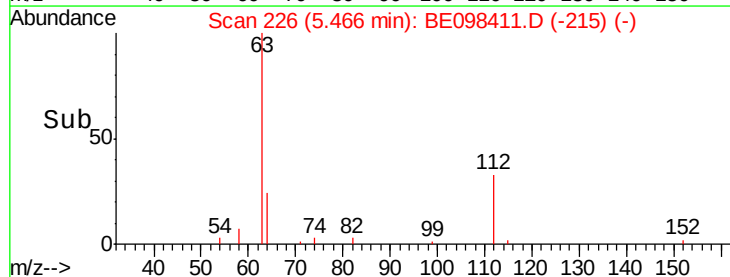
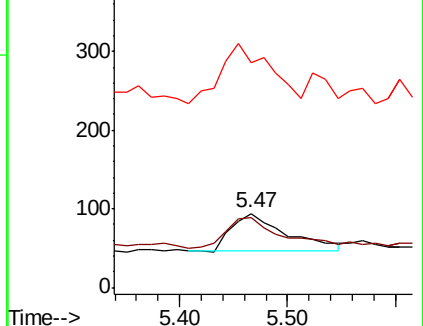
63 140.0 133.7 200.5

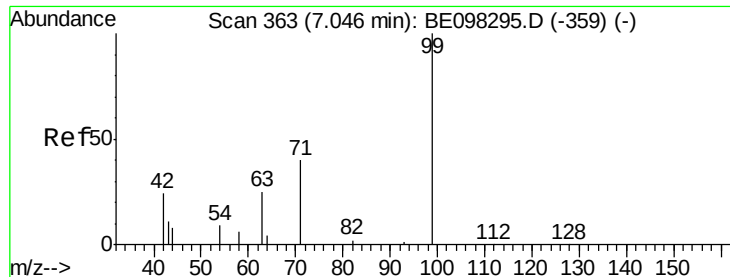


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.020 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205DL

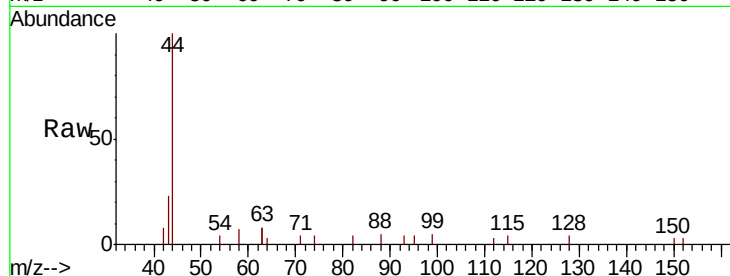
Tgt Ion: 99 Resp: 64

Ion Ratio Lower Upper

99 100

42 56.3 26.3 39.5#

71 0.0 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

150

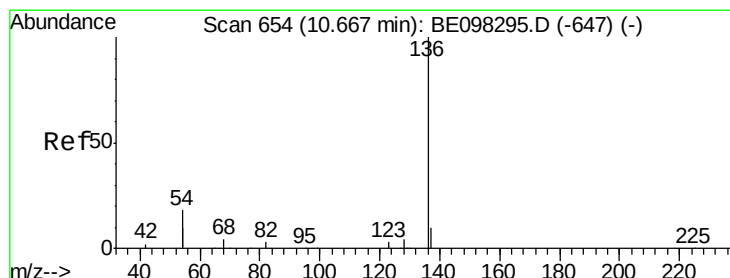
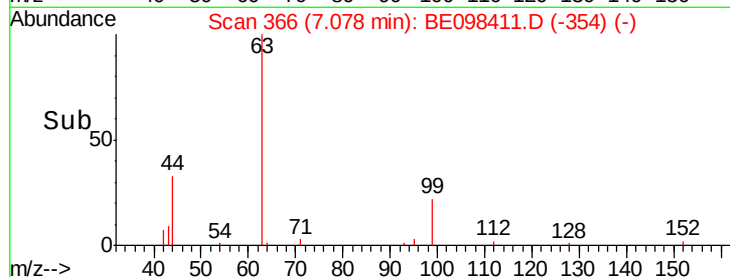
100

50

0

7.00 7.05 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Tgt Ion: 136 Resp: 4268

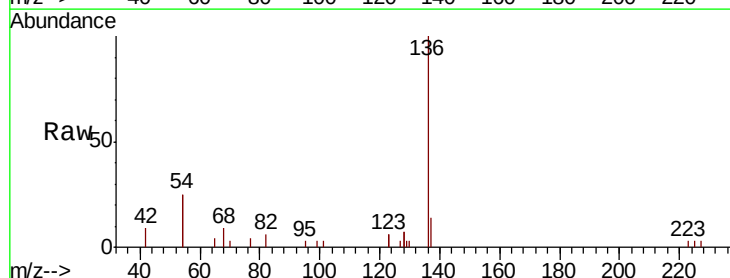
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 50.1 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

2000

1500

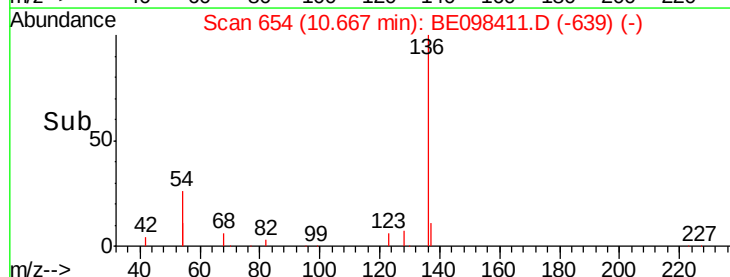
1000

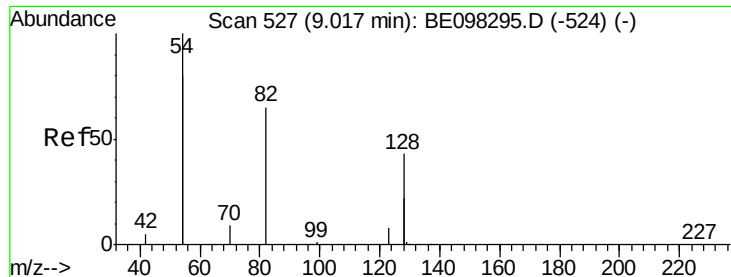
500

0

10.60 10.80

Time-->

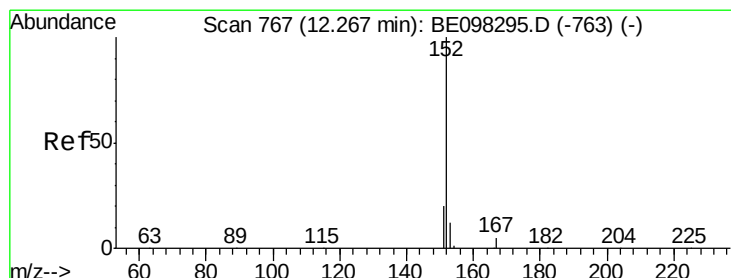
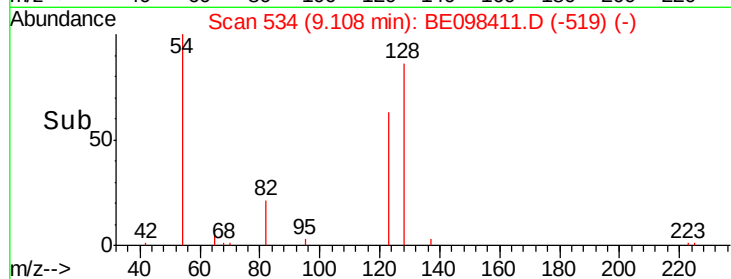
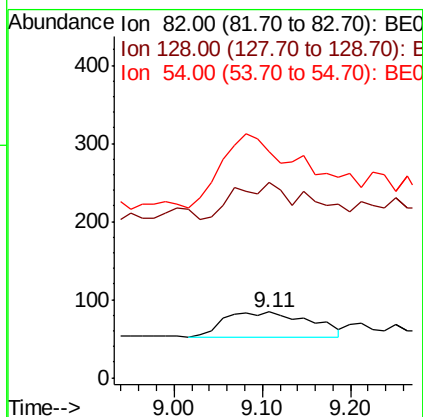
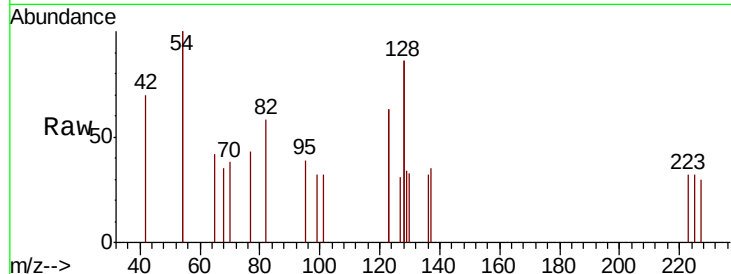




#8
 Nitrobenzene-d5
 Concen: 0.058 ng
 RT: 9.11 min Scan# 534
 Delta R.T. 0.09 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

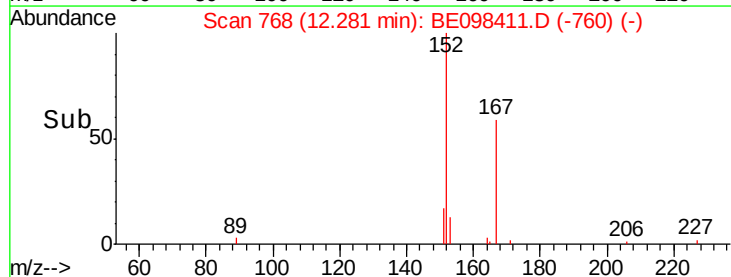
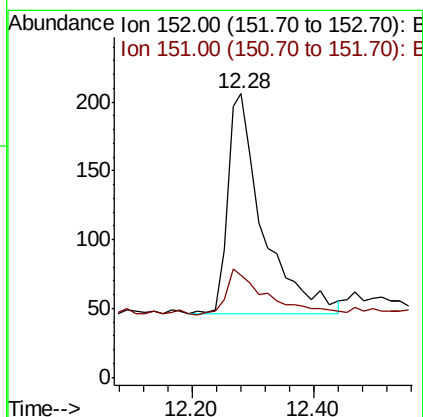
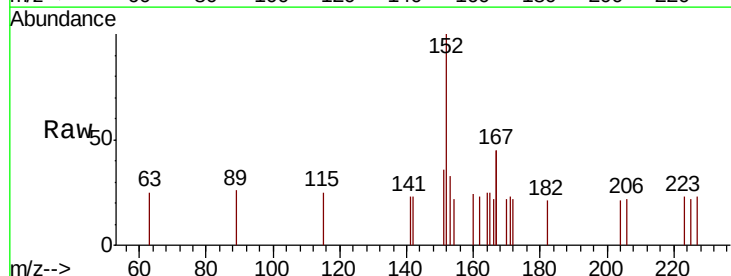
Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205DL

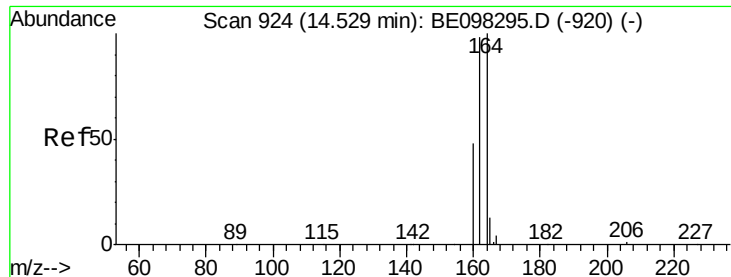
Tgt Ion: 82 Resp: 225
 Ion Ratio Lower Upper
 82 100
 128 297.6 102.4 153.6#
 54 345.2 221.8 332.8#



#11
 2-Methylnaphthalene-d10
 Concen: 0.093 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

Tgt Ion: 152 Resp: 645
 Ion Ratio Lower Upper
 152 100
 151 24.8 16.2 24.4#

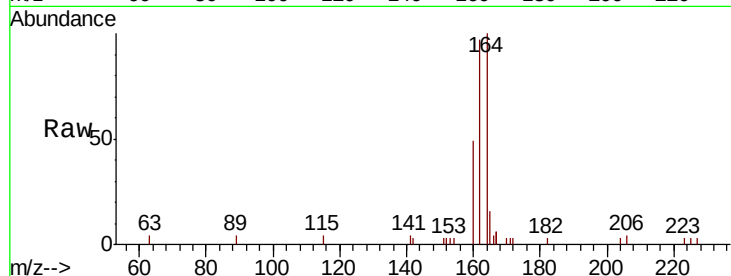




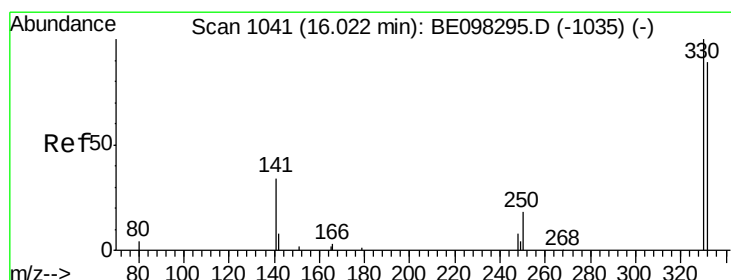
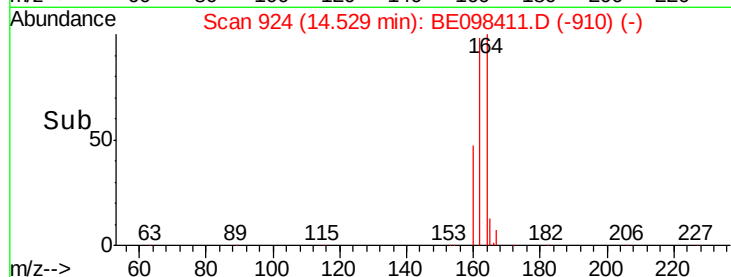
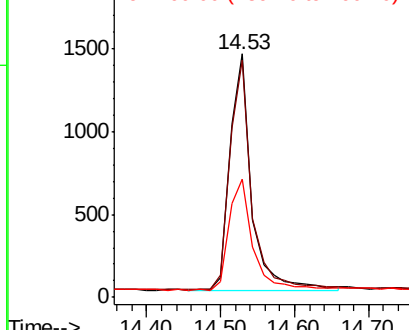
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205DL

Tgt Ion:164 Resp: 2890
Ion Ratio Lower Upper
164 100
162 97.4 77.6 116.4
160 48.6 36.0 54.0

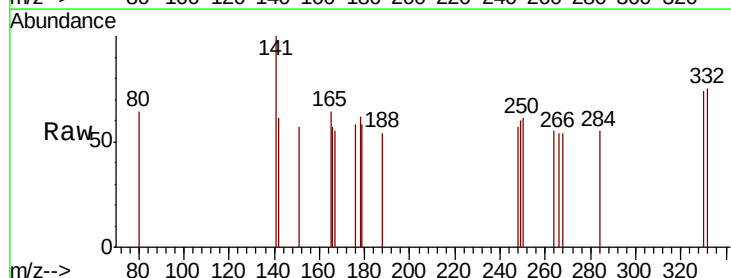


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

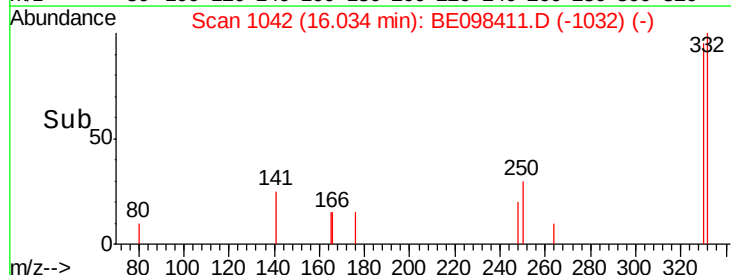
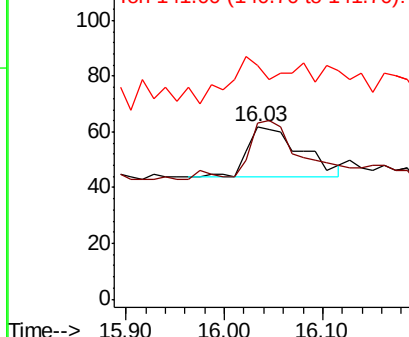


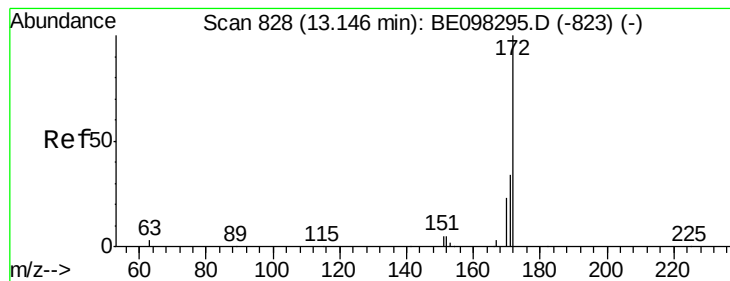
#14
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Tgt Ion:330 Resp: 66
Ion Ratio Lower Upper
330 100
332 101.5 76.2 114.4
141 0.0 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

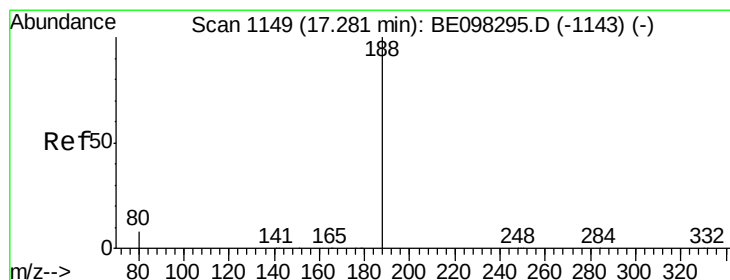
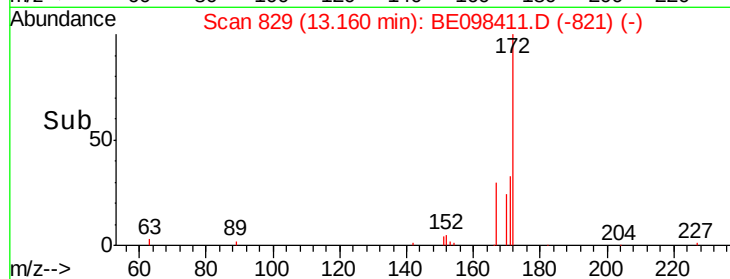
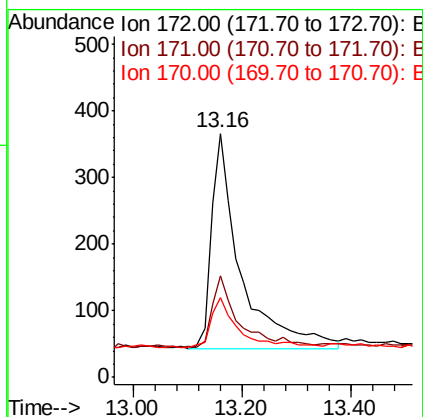
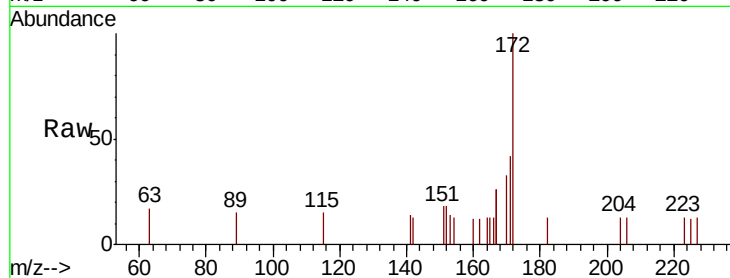




#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

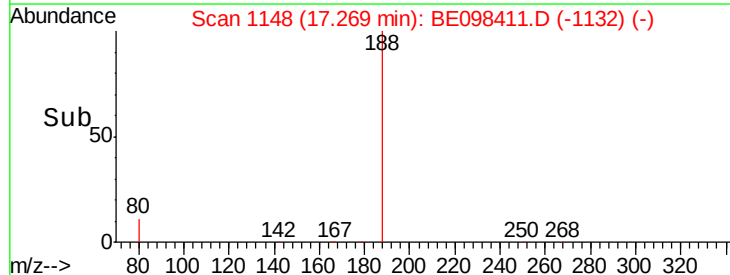
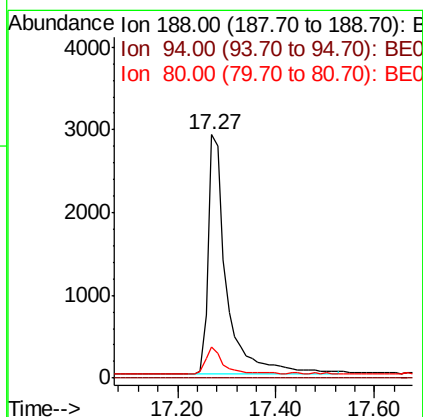
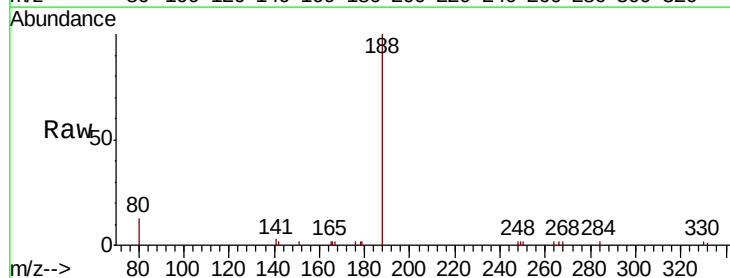
Instrument :
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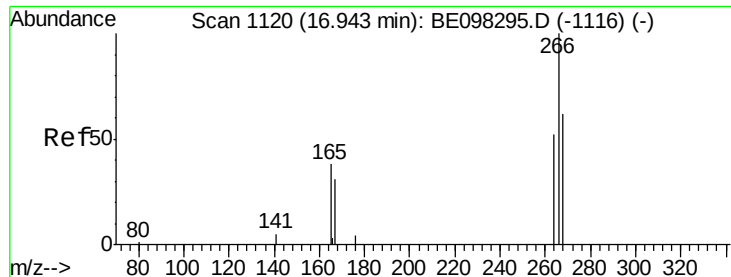
Tgt Ion:172 Resp: 1216
Ion Ratio Lower Upper
172 100
171 41.5 27.5 41.3#
170 32.8 19.6 29.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Tgt Ion:188 Resp: 7595
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.2 10.8#

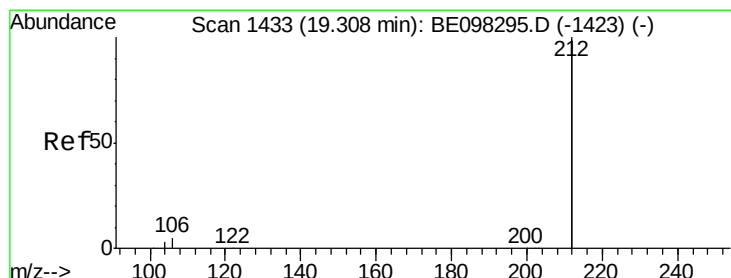
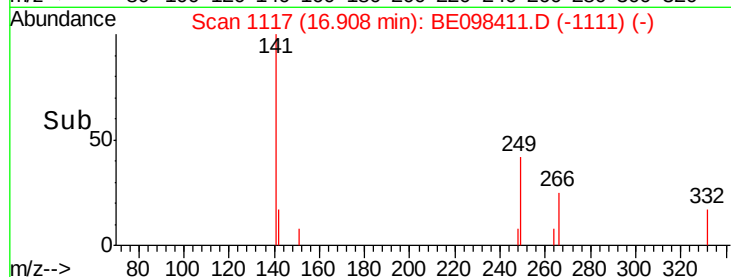
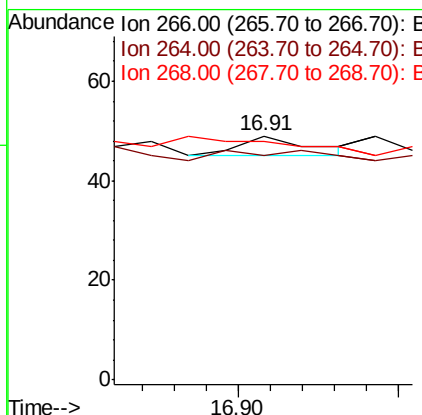
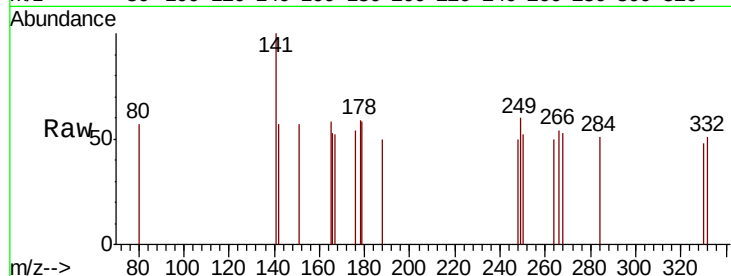




#22
 Pentachlorophenol
 Concen: 0.025 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.03 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

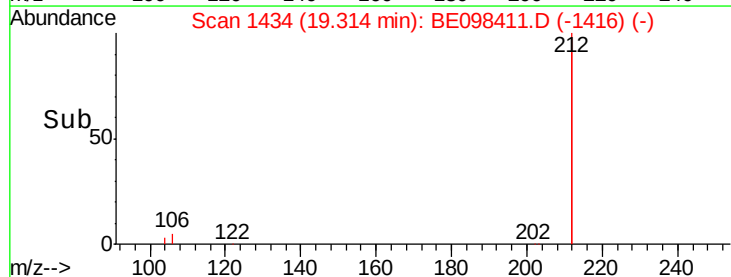
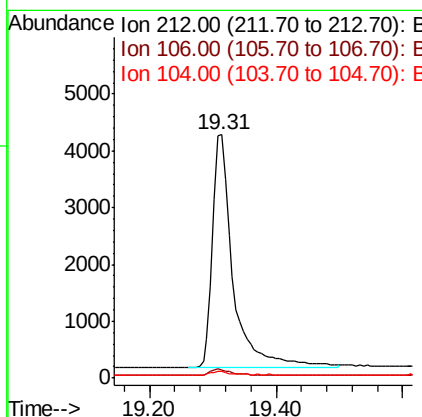
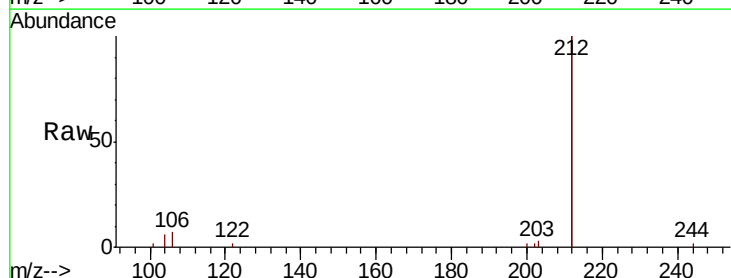
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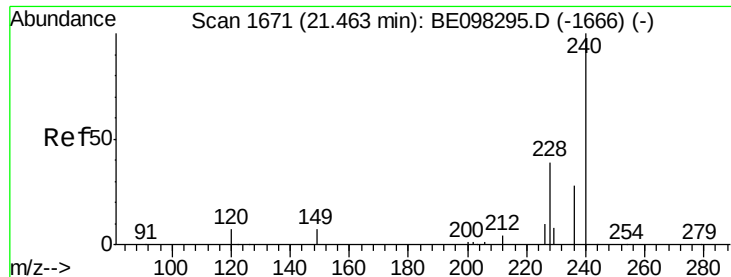
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 91.8 59.0 88.4#
 268 98.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.095 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

Tgt Ion: 212 Resp: 9282
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.2
 104 1.5 1.3 1.9

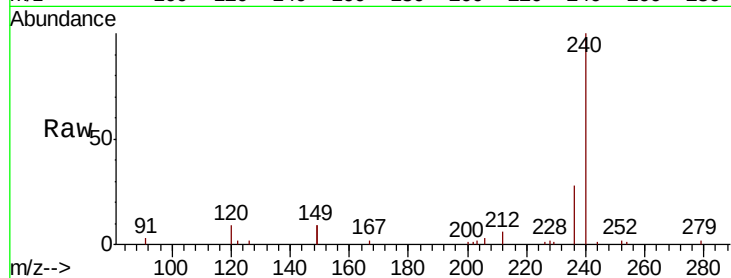




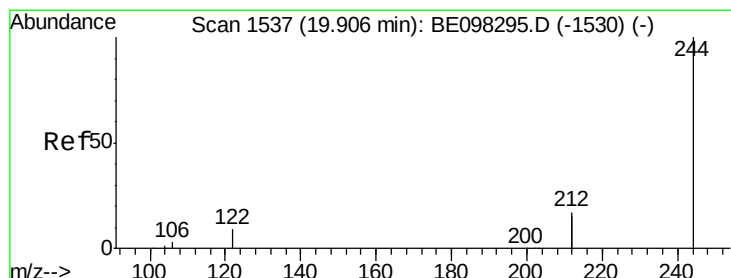
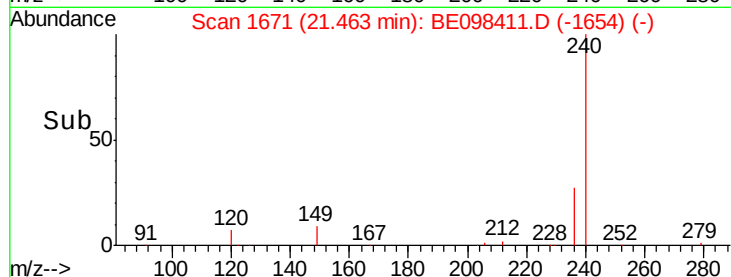
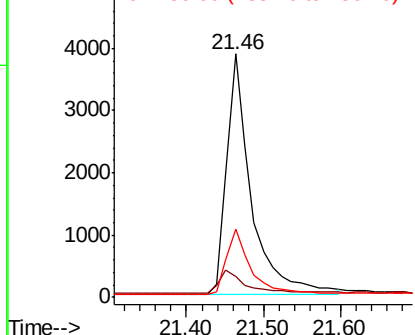
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205DL

Tgt Ion:240 Resp: 8490
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 28.1 22.7 34.1

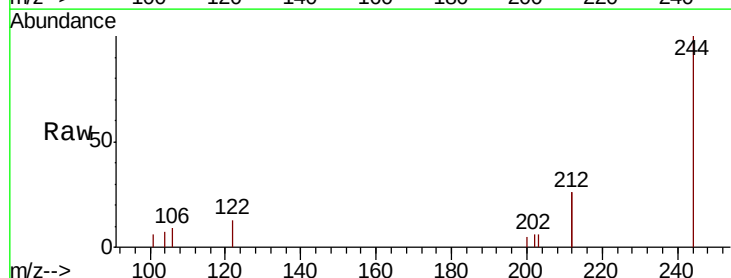


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

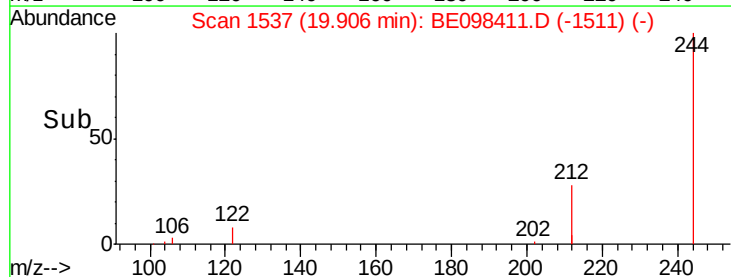
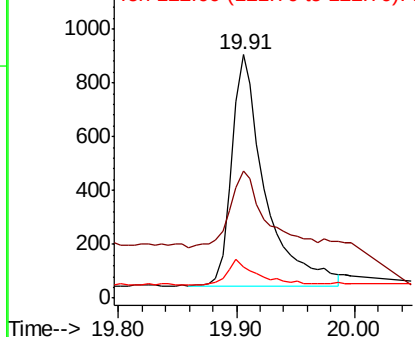


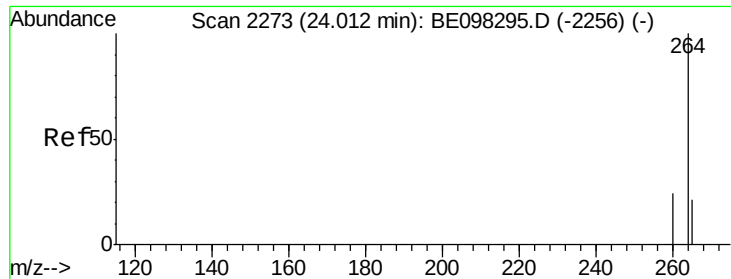
#29
Terphenyl-d14
Concen: 0.082 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Tgt Ion:244 Resp: 1695
Ion Ratio Lower Upper
244 100
212 52.4 27.4 41.0#
122 13.0 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# 2271
Delta R.T. -0.01 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205DL

Tgt Ion: 264 Resp: 7952
Ion Ratio Lower Upper
264 100
260 26.4 20.2 30.2
265 27.8 25.2 37.8

