

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098525.D
 Acq On : 19 Dec 2018 11:34
 Operator : SJ/JU
 Sample : J6405-05DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210DL

Quant Time: Dec 19 16:17:46 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	7.85	152	820	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	4126	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2828	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6645	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7549	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6656	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	139	0.07	ng	0.00
5) Phenol-d6	7.05	99	182	0.07	ng	0.00
8) Nitrobenzene-d5	9.04	82	525	0.14	ng	0.03
11) 2-Methylnaphthalene-d10	12.25	152	1451	0.22	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	182	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	2576	0.22	ng	0.00
25) Fluoranthene-d10	19.30	212	17824	0.21	ng	-0.01
29) Terphenyl-d14	19.89	244	4595	0.25	ng	-0.02

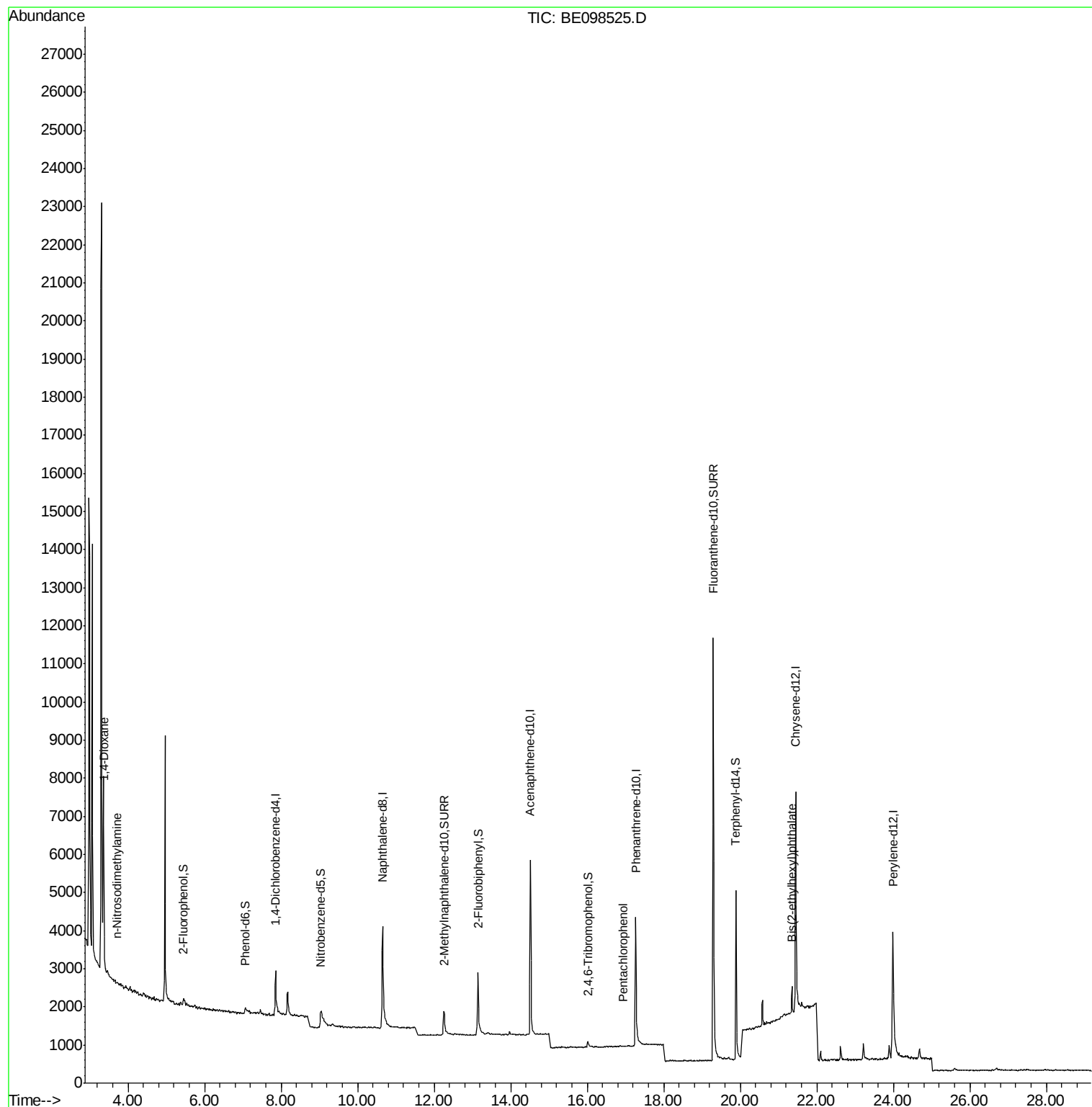
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	2820	1.989	ng	96
3) n-Nitrosodimethylamine	3.72	42	36	0.028	ng	# 100
22) Pentachlorophenol	16.93	266	6	0.026	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.35	149	944	0.022	ng	# 97

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

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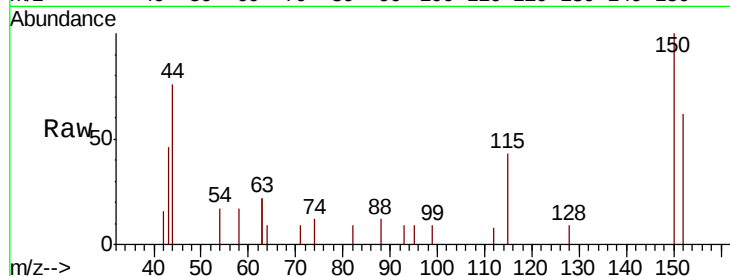


#1

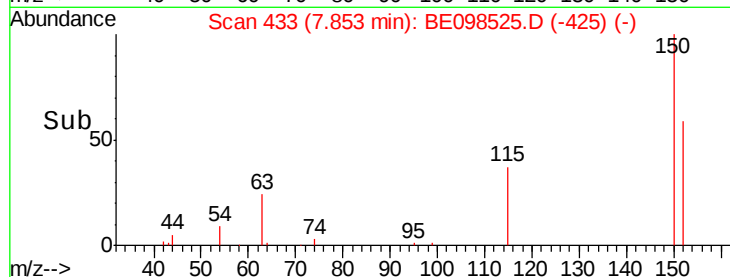
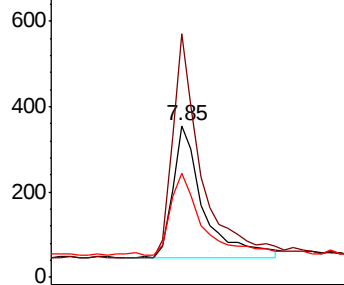
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tot Ion:152 Resp: 820
Ion Ratio Lower Upper
152 100
150 160.4 124.2 186.4
115 68.8 53.9 80.9



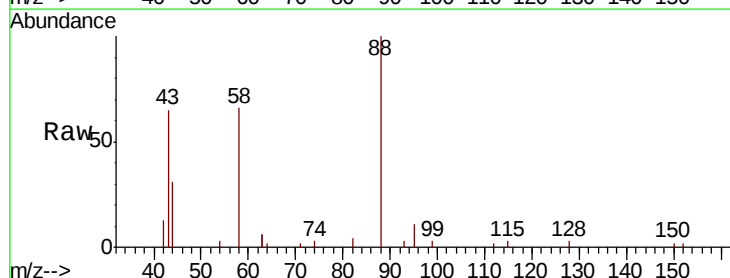
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



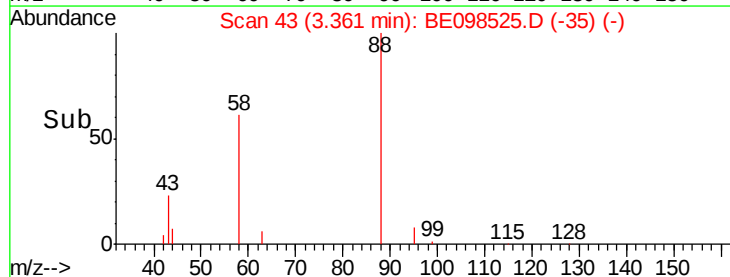
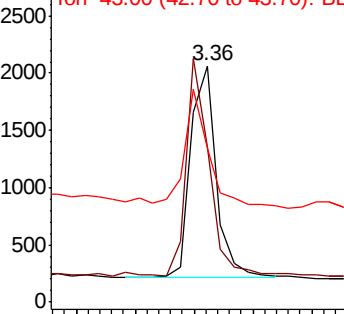
#2

1,4-Dioxane
Concen: 1.989 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion: 88 Resp: 2820
Ion Ratio Lower Upper
88 100
58 89.6 75.0 112.6
43 49.2 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





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.02 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210DL

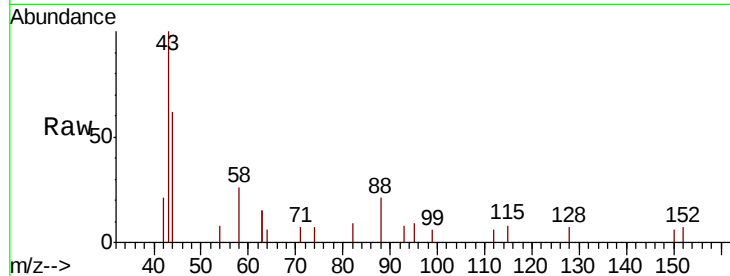
Tot Ion: 42 Resp: 36

Ion Ratio Lower Upper

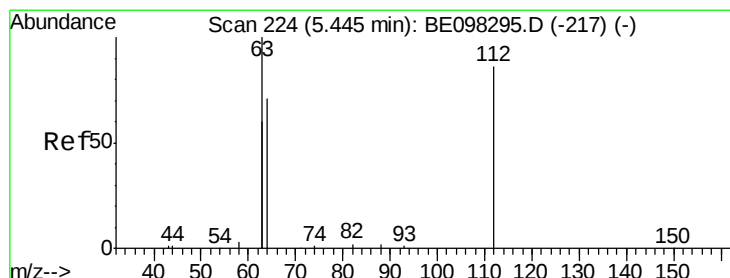
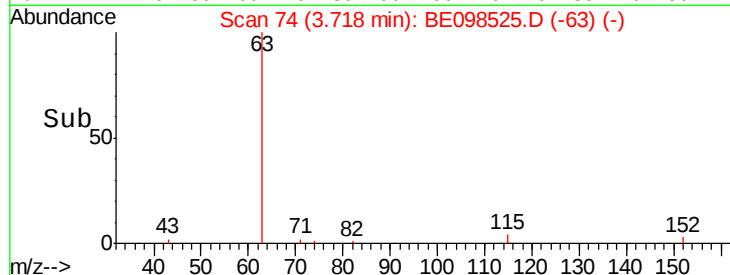
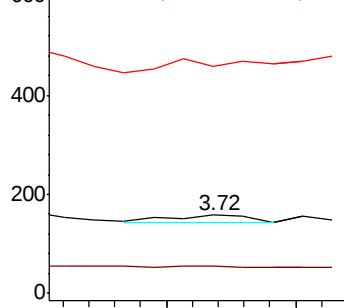
42 100

74 11.1 0.0 0.0#

44 97.2 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: 0.072 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

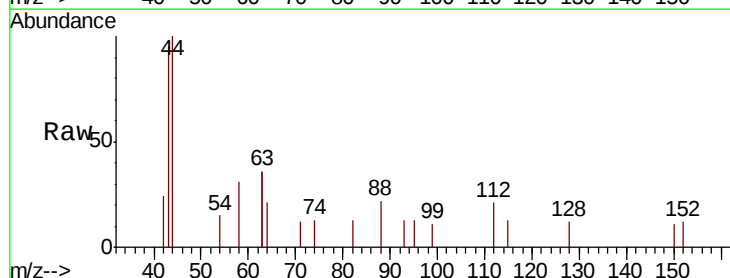
Tgt Ion: 112 Resp: 139

Ion Ratio Lower Upper

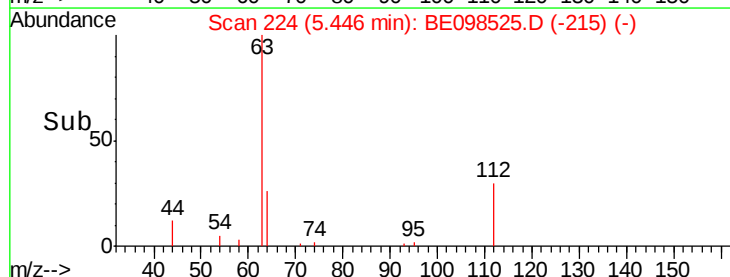
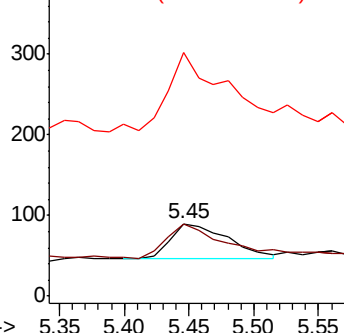
112 100

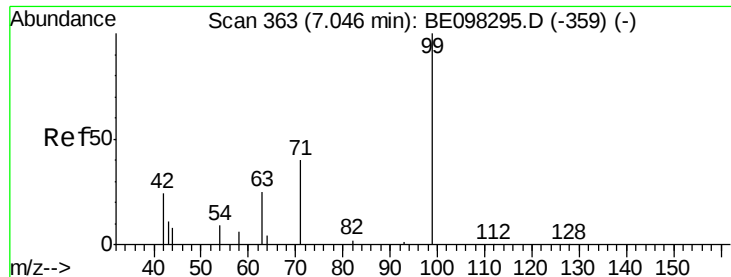
64 121.6 59.8 89.8#

63 262.6 133.7 200.5#



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: 0.067 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210DL

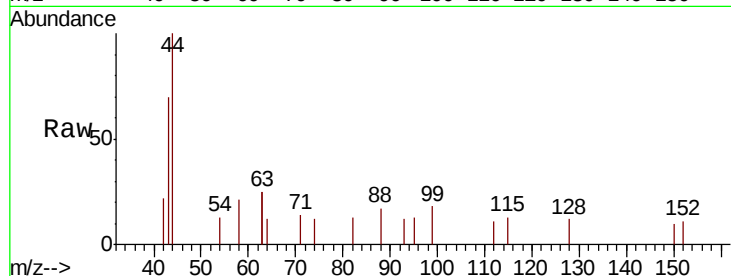
Tot Ion: 99 Resp: 182

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

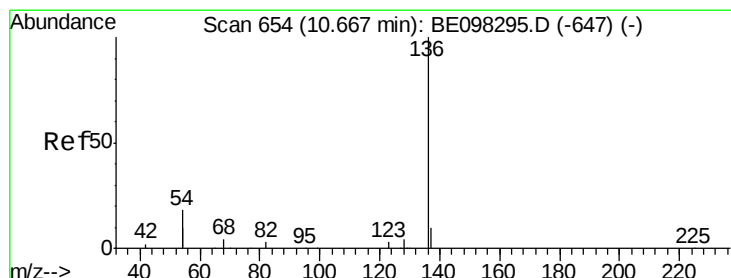
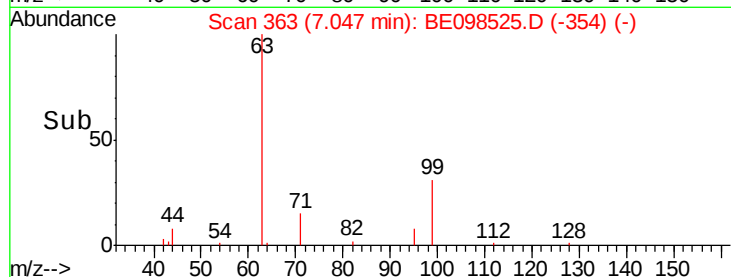
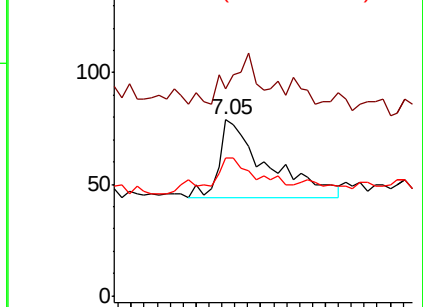
71 31.3 33.6 50.4#



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

Tgt Ion: 136 Resp: 4126

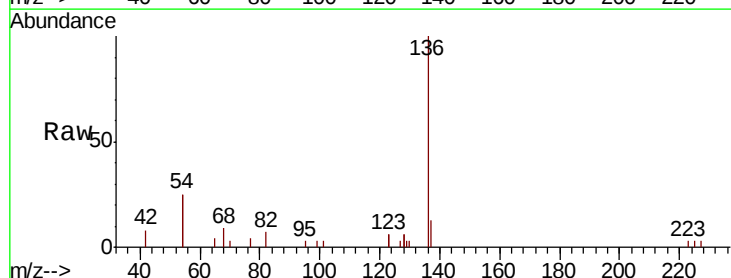
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 49.8 28.4 42.6#

68 8.8 5.4 8.0#

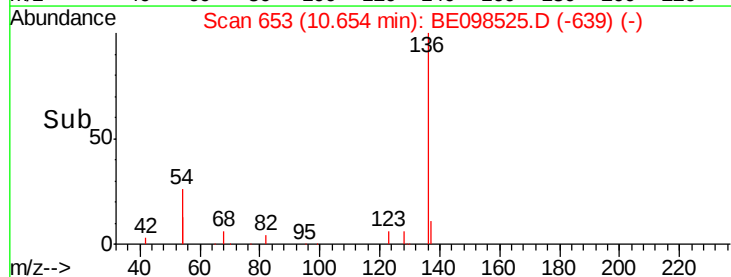
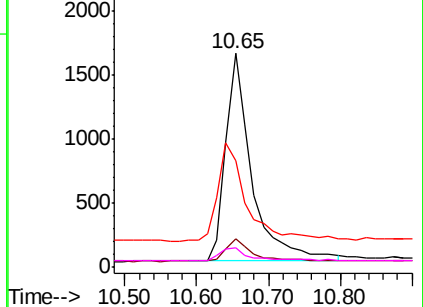


Abundance Ion 136.00 (135.70 to 136.70): E

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

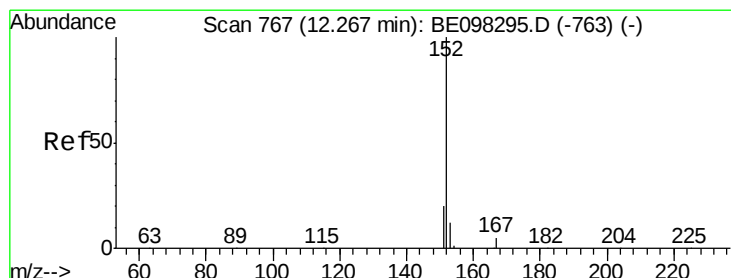
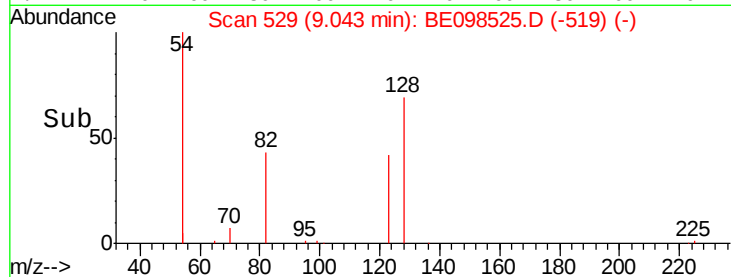
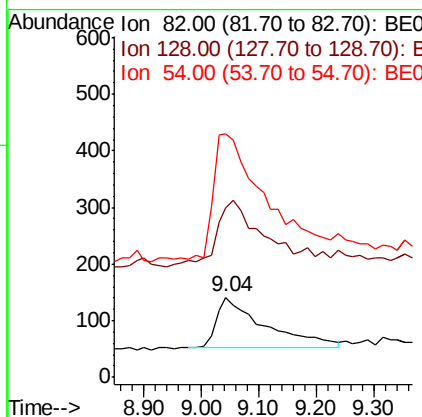
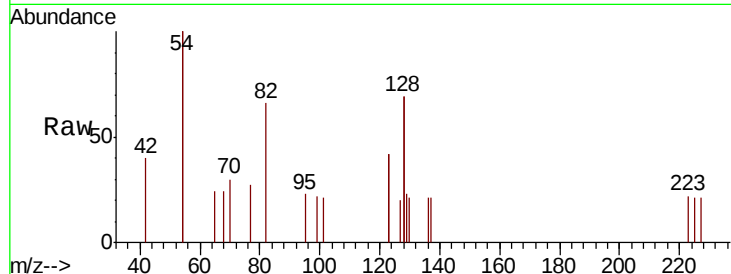




#8
 Nitrobenzene-d5
 Concen: 0.140 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.03 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

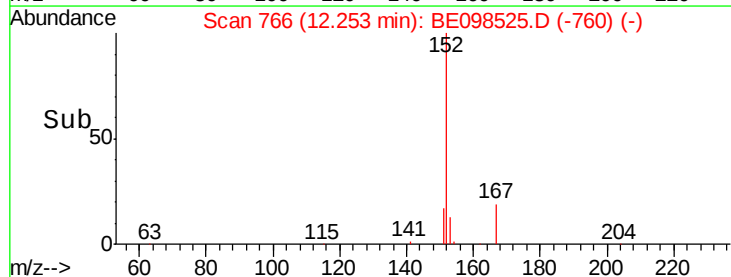
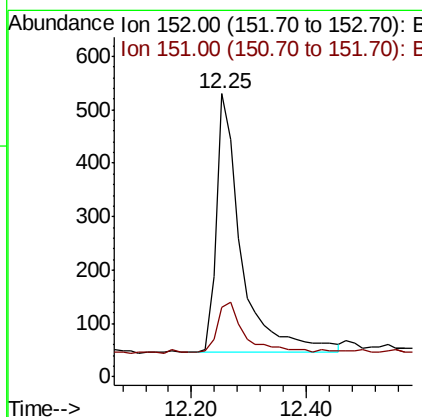
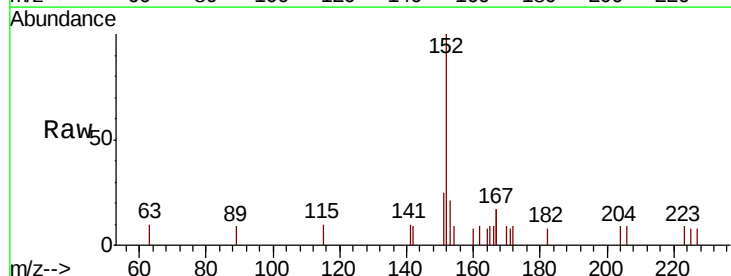
Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210DL

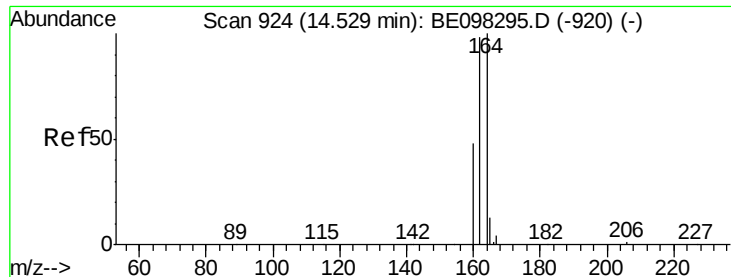
Tot Ion	Ratio	Lower	Upper
82	100		
128	211.3	102.4	153.6
54	305.0	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.216 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210DL

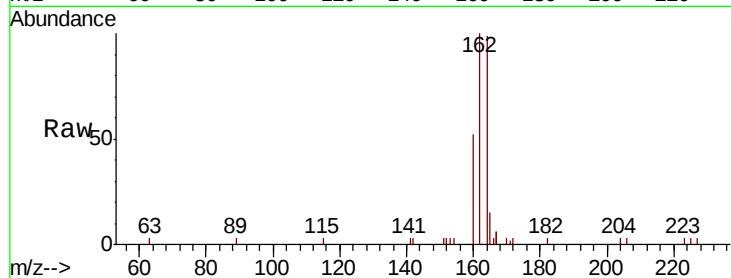
Tot Ion:164 Resp: 2828

Ion Ratio Lower Upper

164 100

162 101.1 77.6 116.4

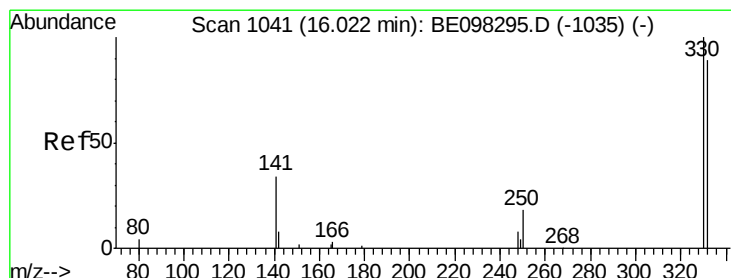
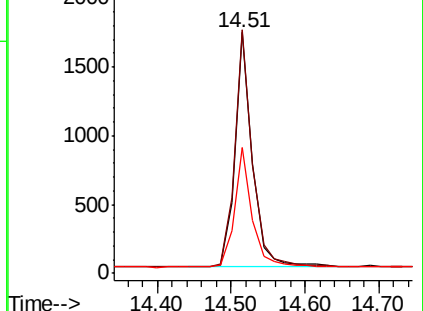
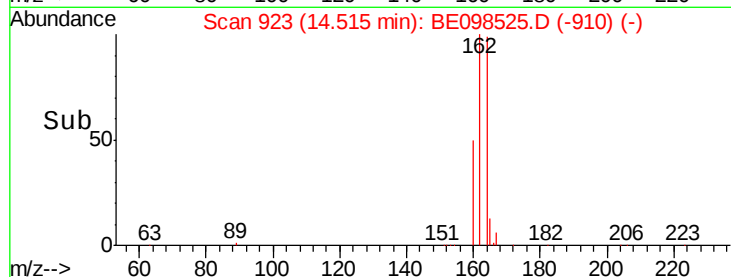
160 52.2 36.0 54.0



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: 0.175 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

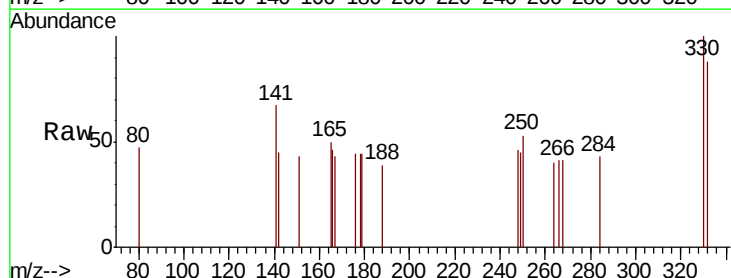
Tgt Ion:330 Resp: 182

Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

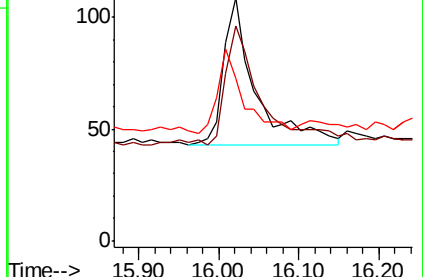
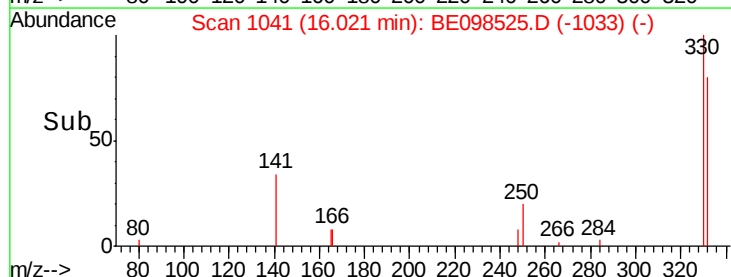
141 46.7 39.0 58.4

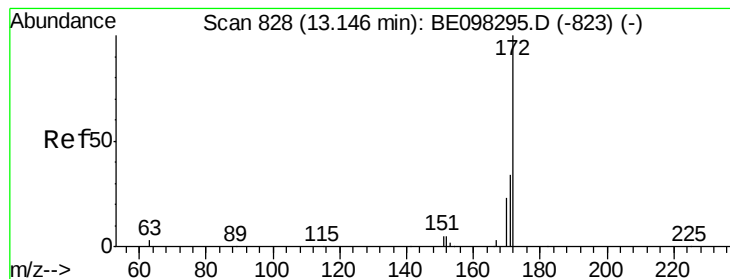


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.216 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098525.D

Acq: 19 Dec 2018 11:34

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210DL

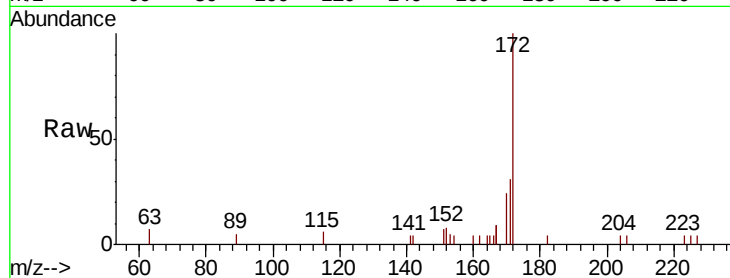
Tot Ion:172 Resp: 2576

Ion Ratio Lower Upper

172 100

171 31.4 27.5 41.3

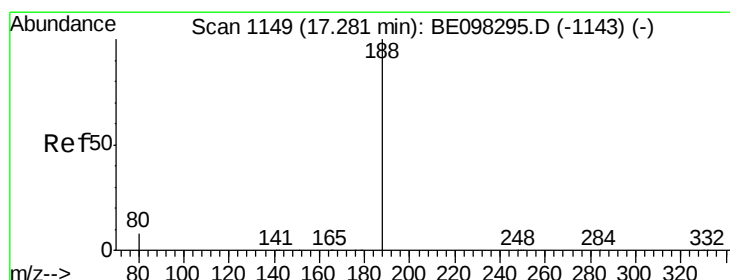
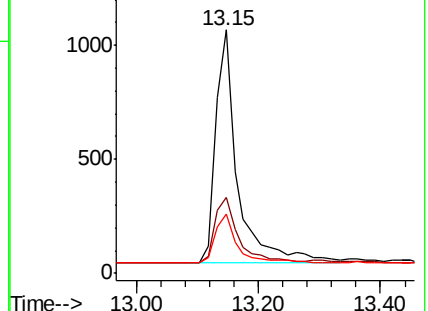
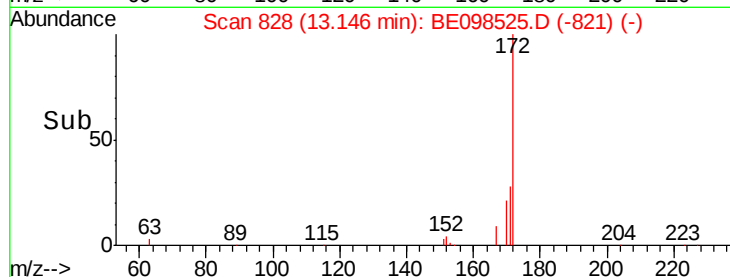
170 24.3 19.6 29.4



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: BE098525.D

Acq: 19 Dec 2018 11:34

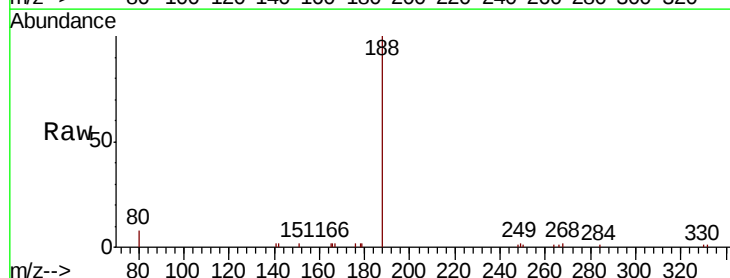
Tgt Ion:188 Resp: 6645

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

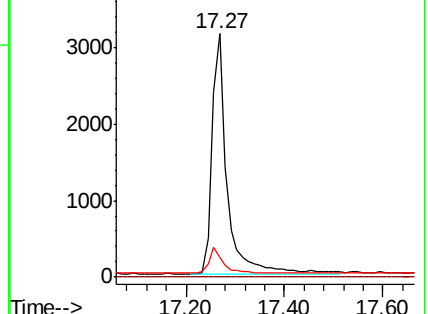
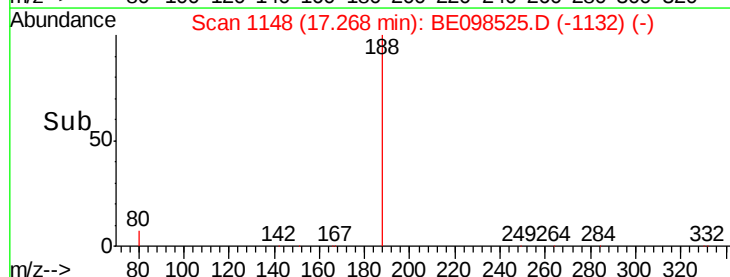
80 8.3 7.2 10.8

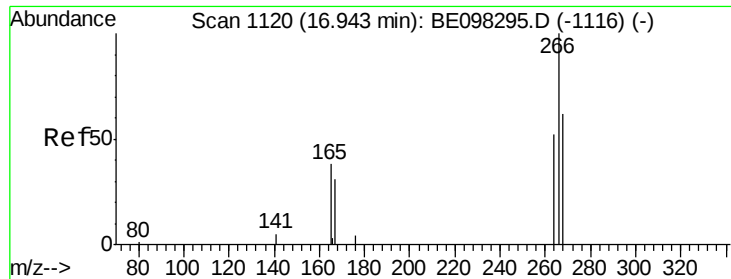


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

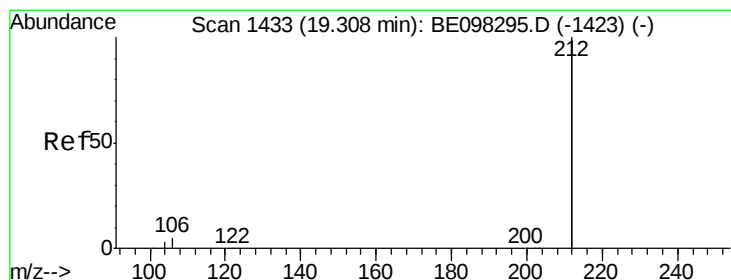
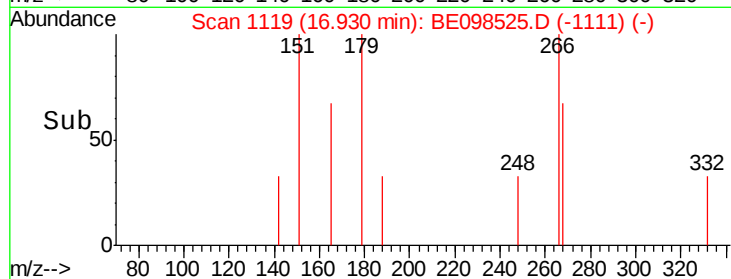
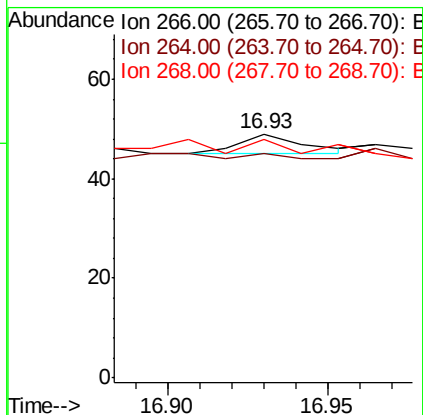
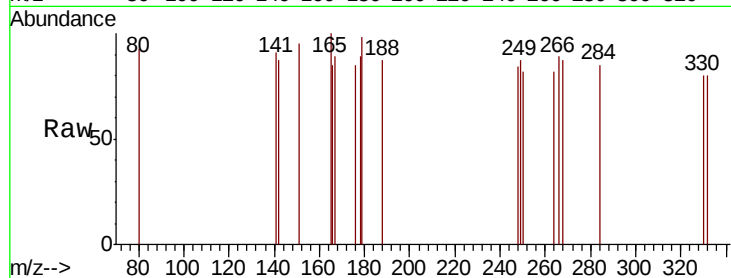




#22
 Pentachlorophenol
 Concen: 0.026 ng
 RT: 16.93 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

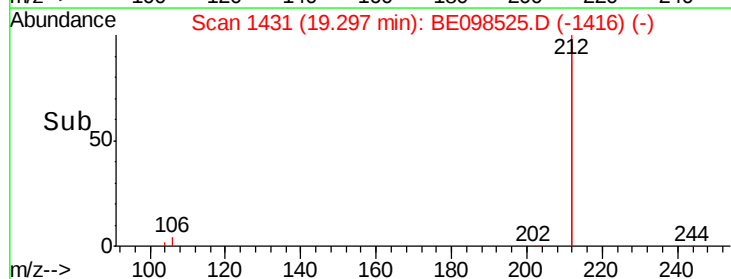
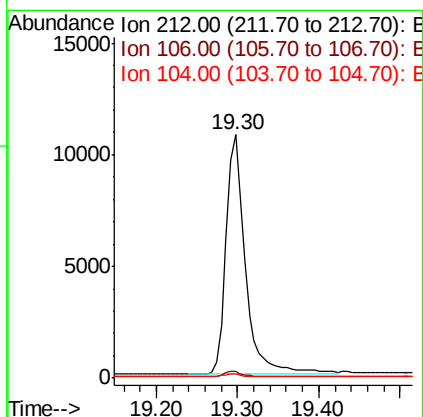
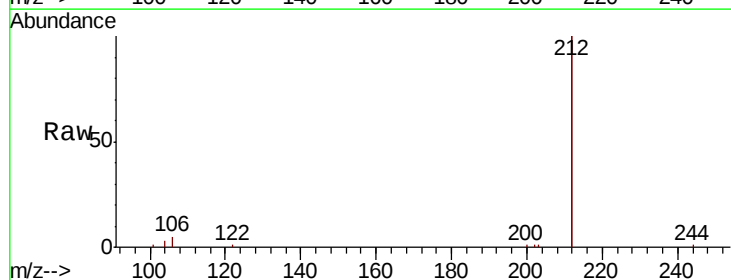
Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210DL

Tot 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: 0.209 ng
 RT: 19.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

Tgt Ion:212 Resp: 17824
 Ion Ratio Lower Upper
 212 100
 106 2.4 2.2 3.2
 104 1.4 1.3 1.9

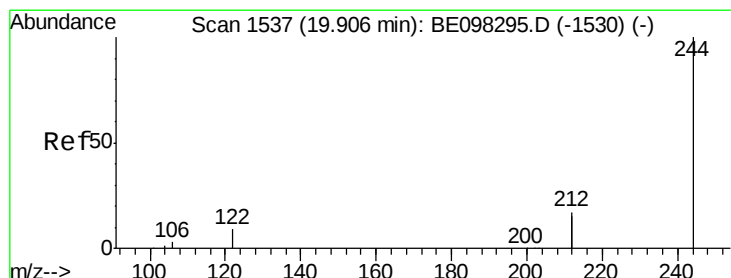
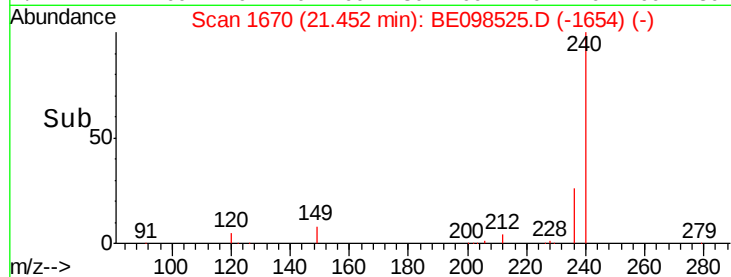
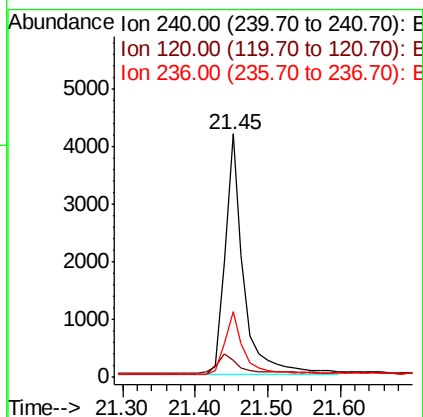
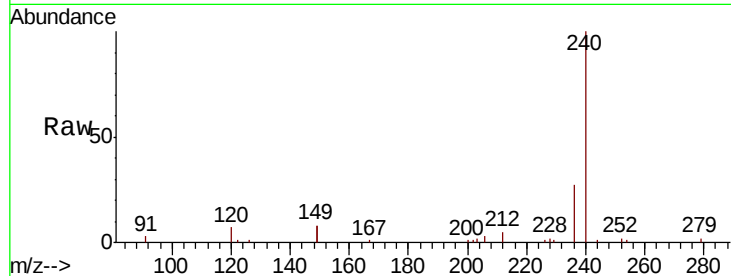




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

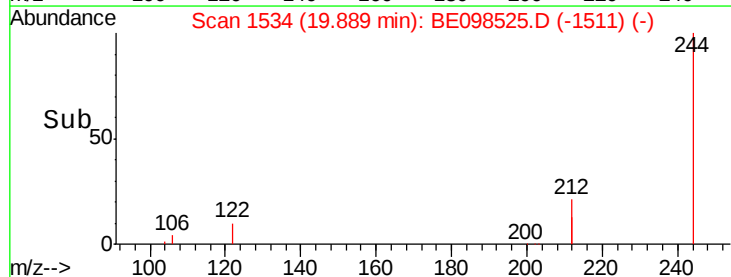
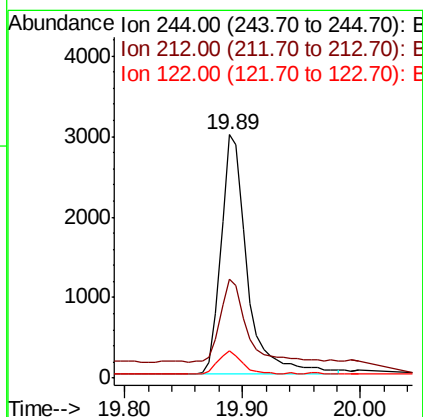
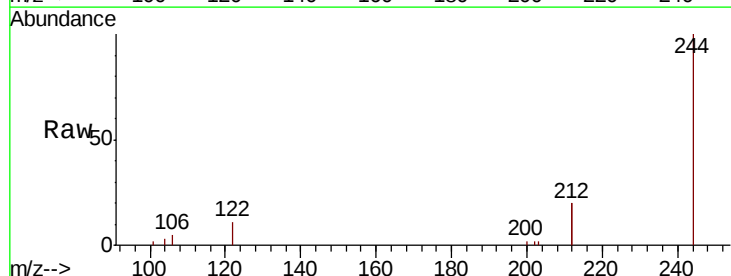
Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210DL

Tot Ion:240 Resp: 7549
 Ion Ratio Lower Upper
 240 100
 120 7.2 9.5 14.3#
 236 27.2 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.250 ng
 RT: 19.89 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

Tgt Ion:244 Resp: 4595
 Ion Ratio Lower Upper
 244 100
 212 40.4 27.4 41.0
 122 11.4 8.3 12.5

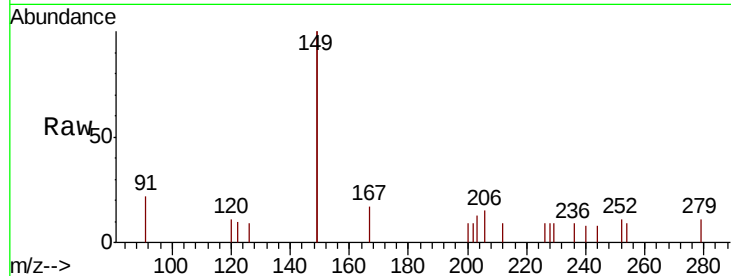




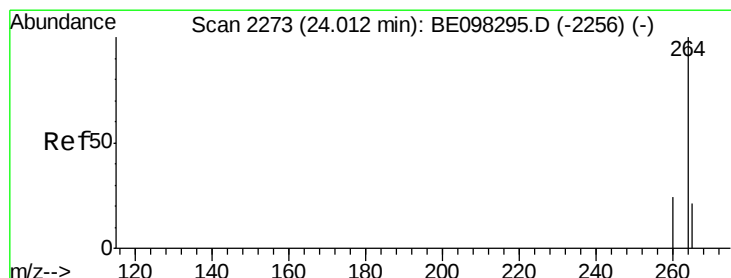
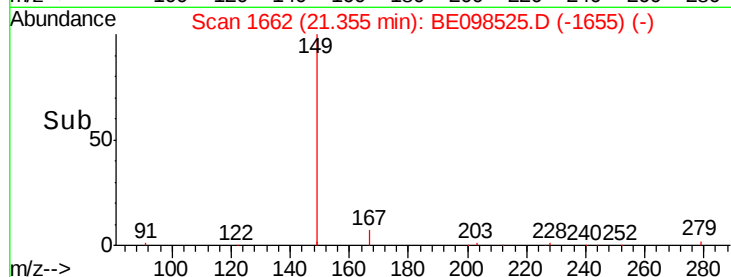
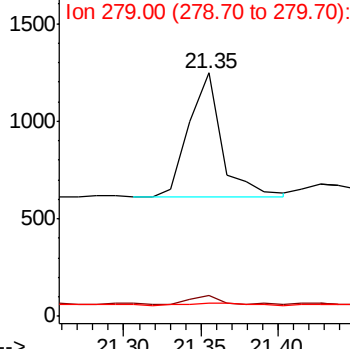
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210DL

Tot Ion:149 Resp: 944
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.7 8.5
 279 3.5 1.0 1.4#

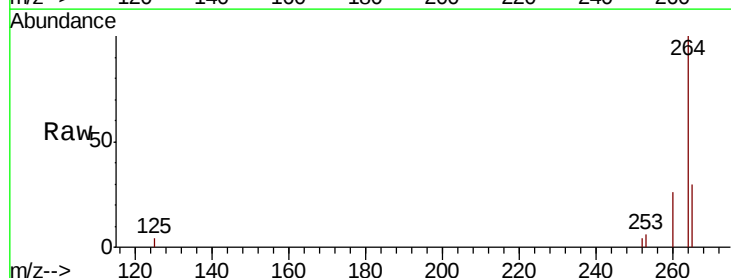


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BE098525.D
 Acq: 19 Dec 2018 11:34

Tgt Ion:264 Resp: 6656
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 30.4 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

