

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098341.D
 Acq On : 11 Dec 2018 20:12
 Operator : SJ/JU
 Sample : J6288-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:24:06 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	1090	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4738	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3104	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7732	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9841	0.40	ng	0.00
34) Perylene-d12	24.01	264	9344	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	448	0.18	ng	0.00
5) Phenol-d6	7.04	99	335	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1795	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3233	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	488	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6040	0.46	ng	0.00
25) Fluoranthene-d10	19.31	212	48703	0.49	ng	0.00
29) Terphenyl-d14	19.90	244	13953	0.58	ng	0.00

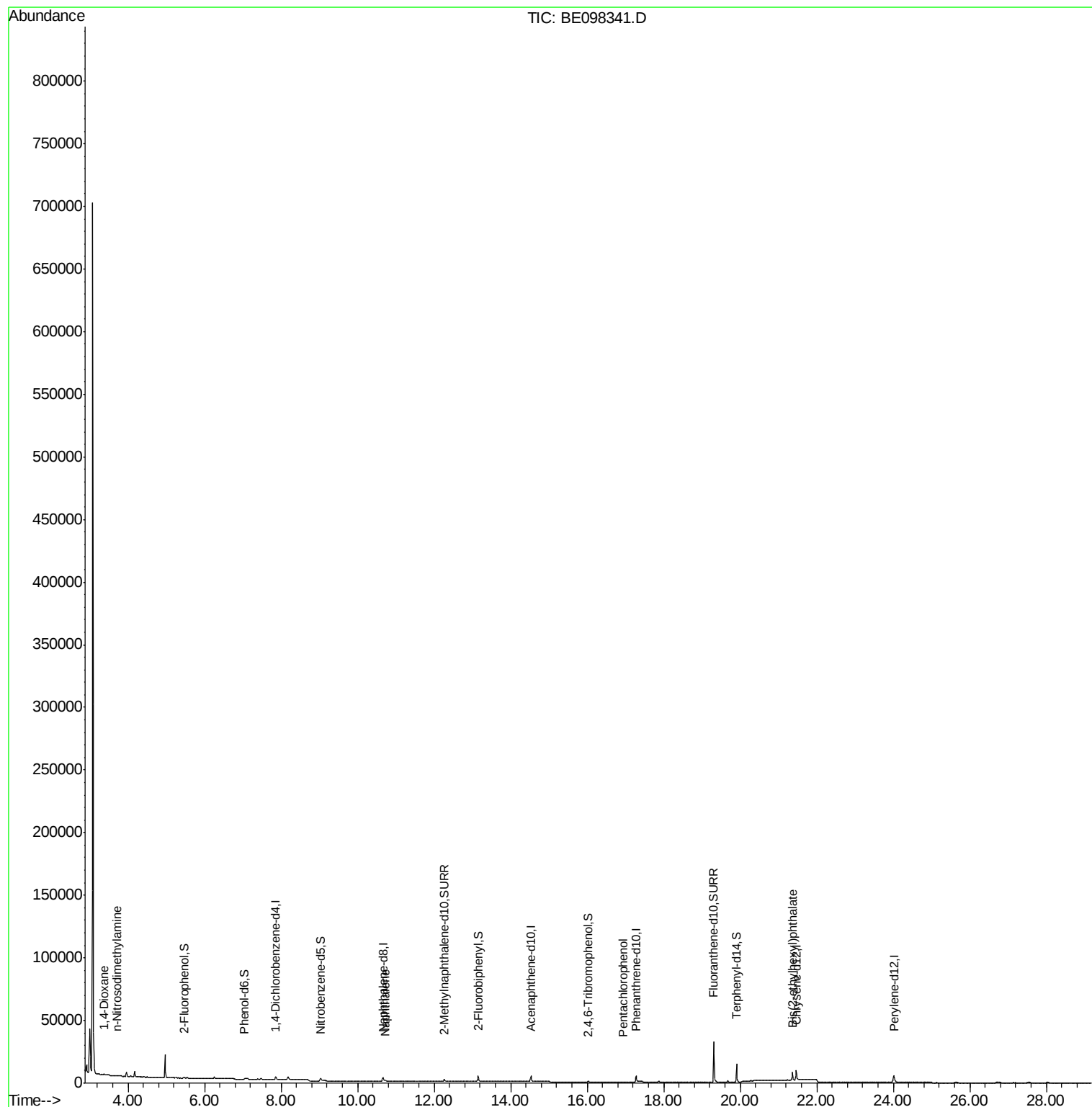
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	419	0.222	ng	# 6
3) n-Nitrosodimethylamine	3.70	42	60	0.035	ng	# 100
9) Naphthalene	10.72	128	1037	0.022	ng	# 74
22) Pentachlorophenol	16.93	266	13	0.035	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.37	149	7977	0.140	ng	# 99

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

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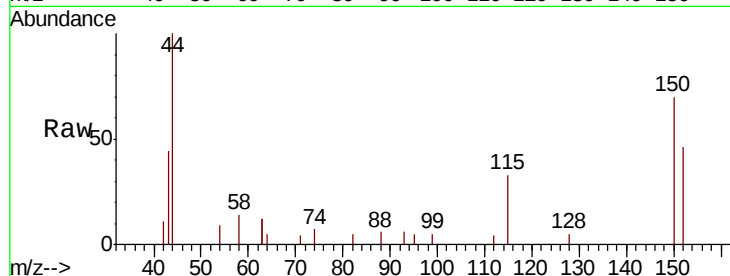


#1

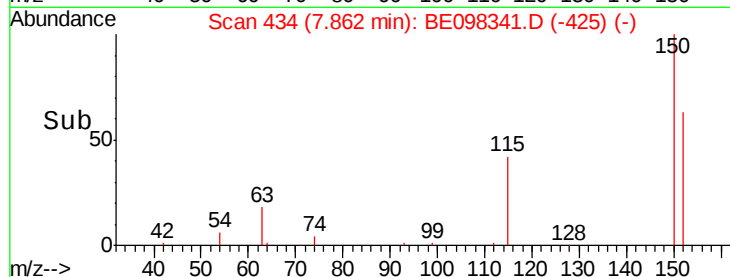
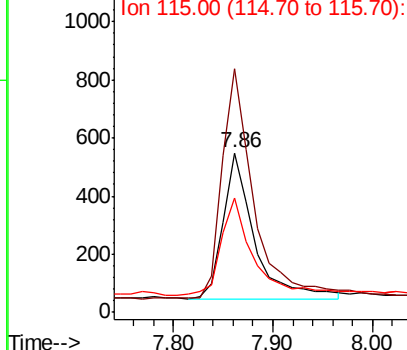
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1090
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.4
115 71.5 53.9 80.9



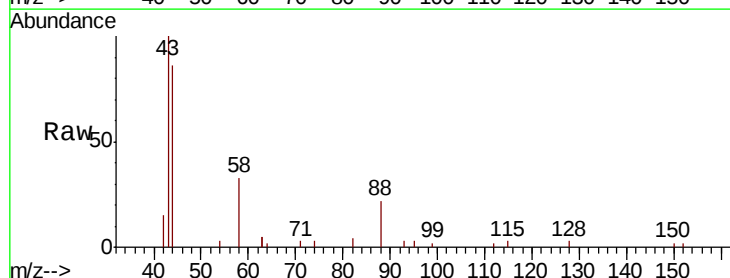
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



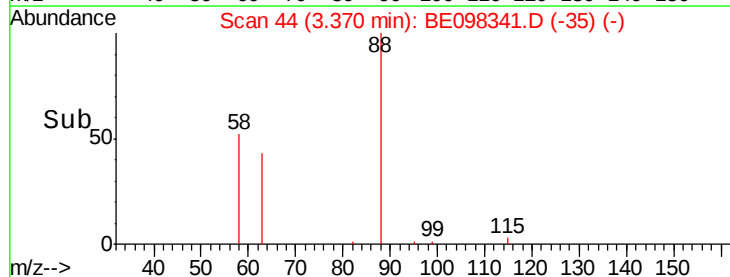
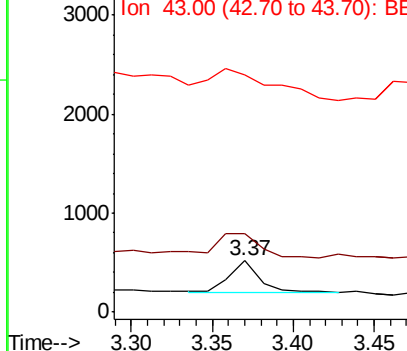
#2

1,4-Dioxane
Concen: 0.222 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

Tgt Ion: 88 Resp: 419
Ion Ratio Lower Upper
88 100
58 116.2 75.0 112.6#
43 203.8 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: 0.035 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098341.D

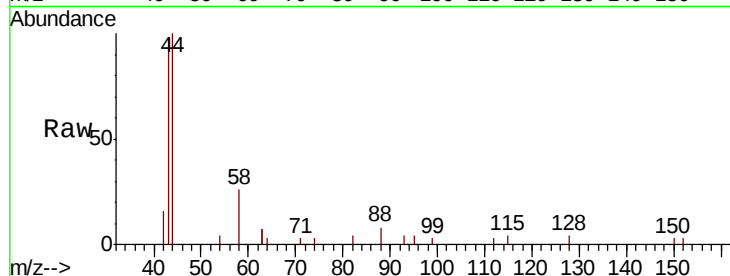
Acq: 11 Dec 2018 20:12

Instrument :

BNA_E

ClientSampled :

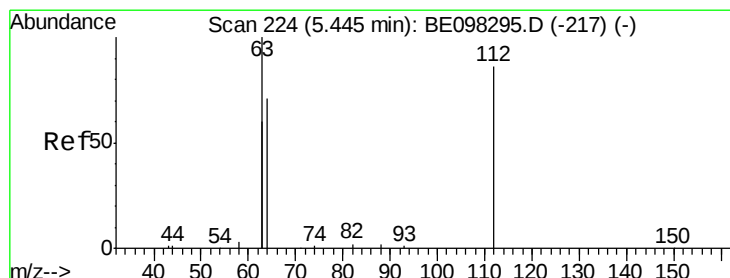
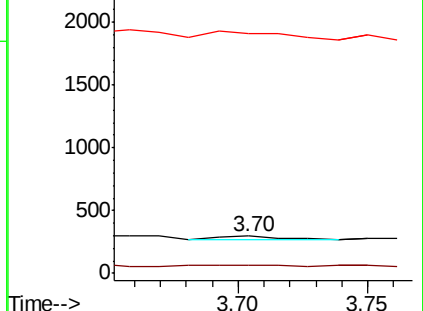
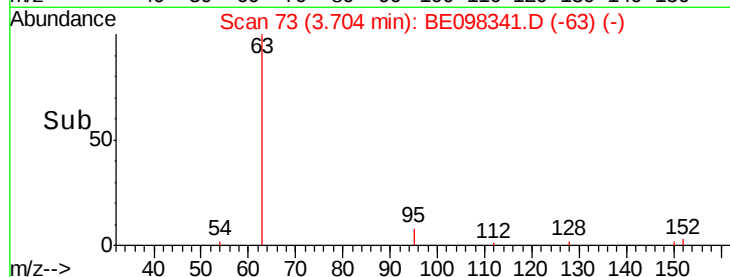
Tot Ion:	42	Resp:	60
Ion	Ratio	Lower	Upper
42	100		
74	43.3	0.0	0.0#
44	0.0	0.0	0.0



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: 0.176 ng

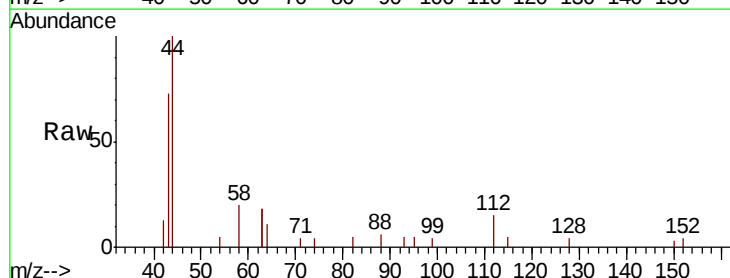
RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

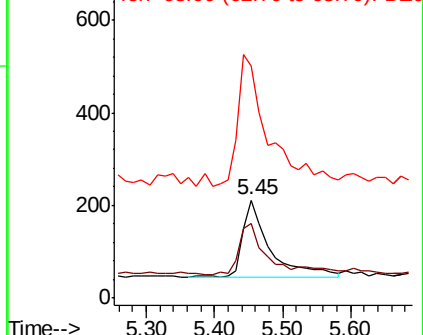
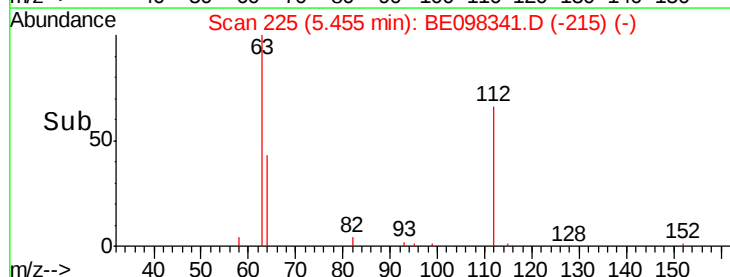
Tgt Ion:	112	Resp:	448
Ion	Ratio	Lower	Upper
112	100		
64	62.1	59.8	89.8
63	204.2	133.7	200.5#



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: 0.093 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

Instrument :

BNA_E

ClientSampleId :

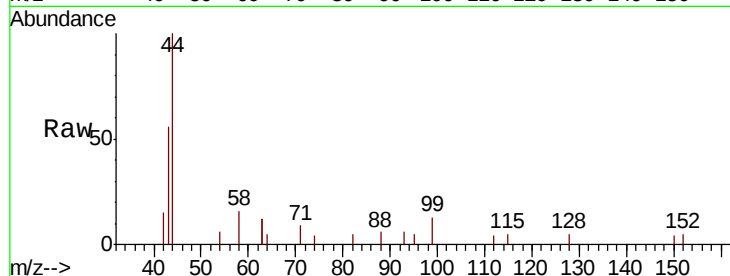
Tot Ion: 99 Resp: 335

Ion Ratio Lower Upper

99 100

42 31.0 26.3 39.5

71 63.9 33.6 50.4#

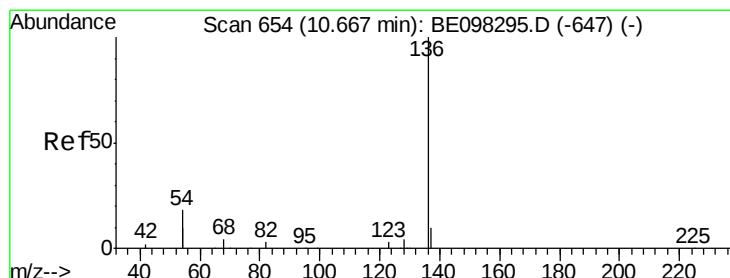
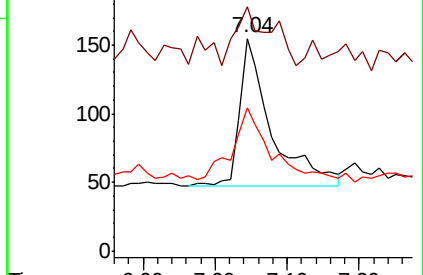
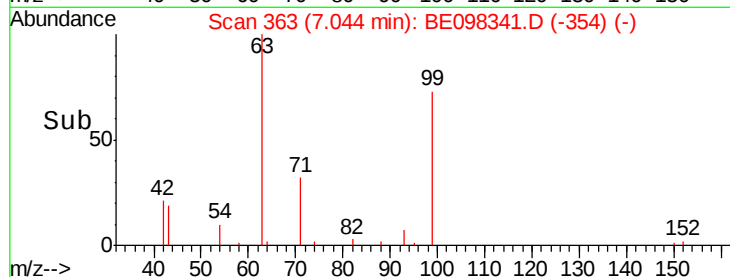


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

Tgt Ion: 136 Resp: 4738

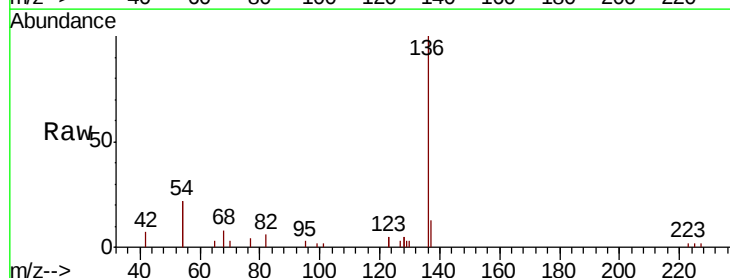
Ion Ratio Lower Upper

136 100

137 13.0 9.2 13.8

54 43.9 28.4 42.6#

68 8.0 5.4 8.0

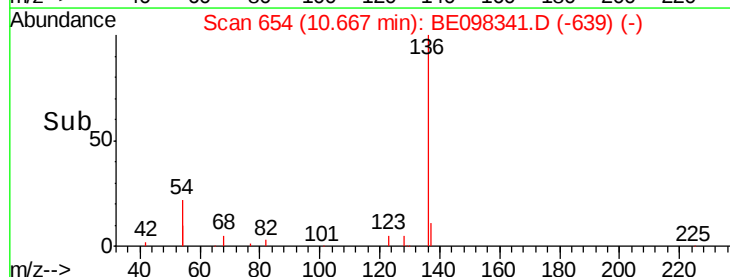
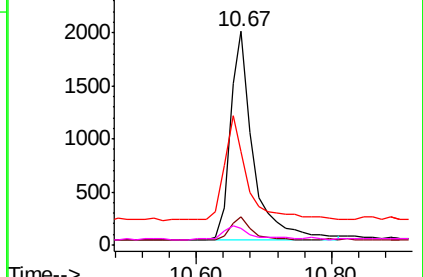


Abundance Ion 136.00 (135.70 to 136.70): E

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

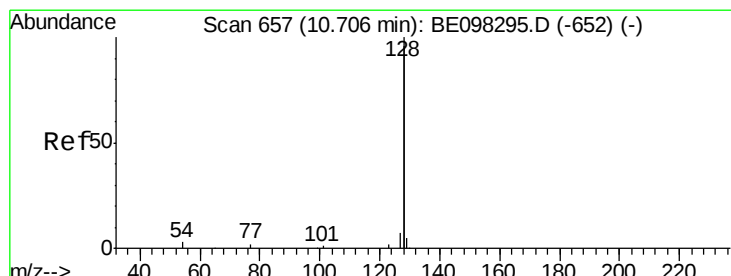
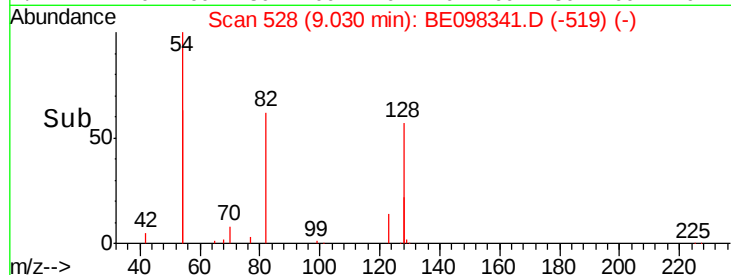
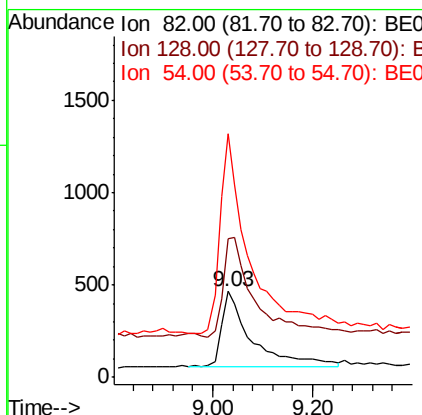
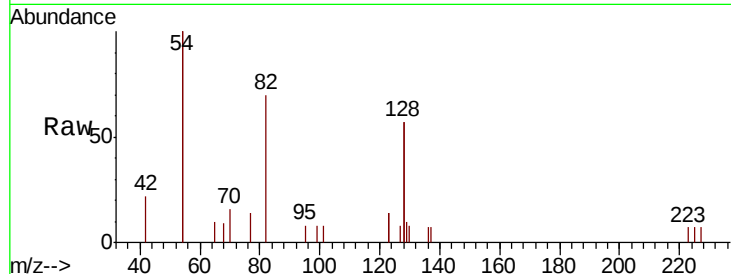




#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098341.D
 Acq: 11 Dec 2018 20:12

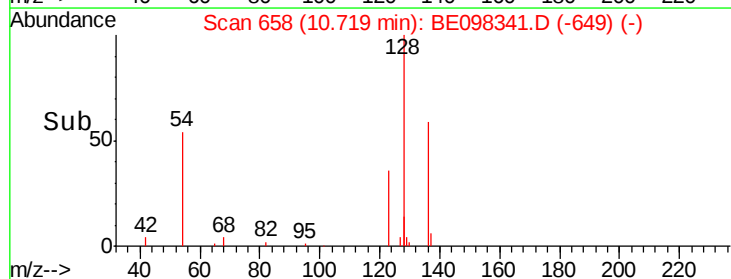
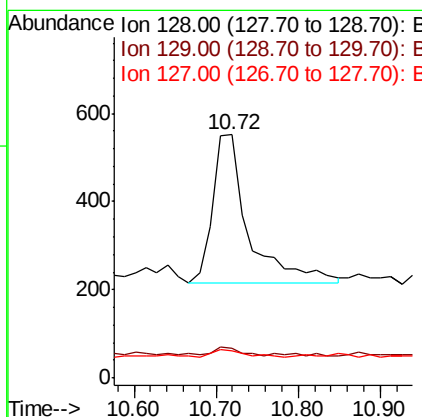
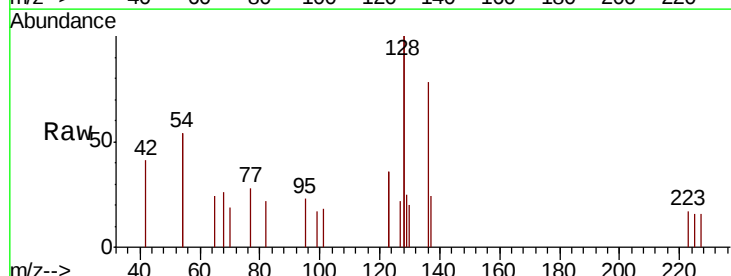
Instrument :
 BNA_E
 ClientSampleId :

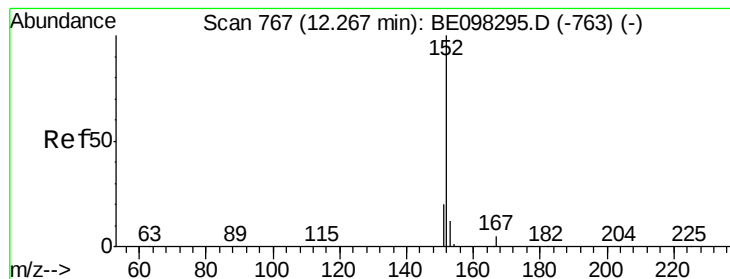
Tot Ion	82.00	Resp	1795
Ion Ratio	Lower	Upper	
82	100		
128	162.1	102.4	153.6#
54	284.1	221.8	332.8



#9
 Naphthalene
 Concen: 0.022 ng
 RT: 10.72 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BE098341.D
 Acq: 11 Dec 2018 20:12

Tgt Ion	128.00	Resp	1037
Ion Ratio	Lower	Upper	
128	100		
129	12.3	2.5	3.7#
127	11.2	2.7	4.1#





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

Instrument :

BNA_E

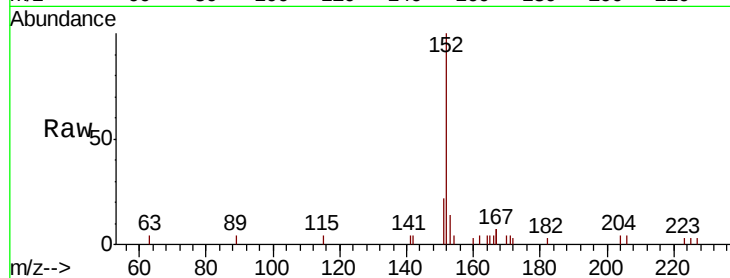
ClientSampleId :

Tot Ion:152 Resp: 3233

Ion Ratio Lower Upper

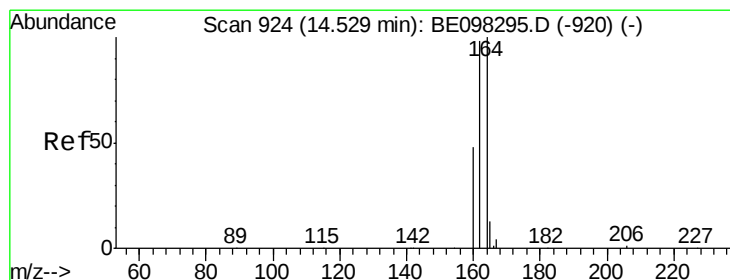
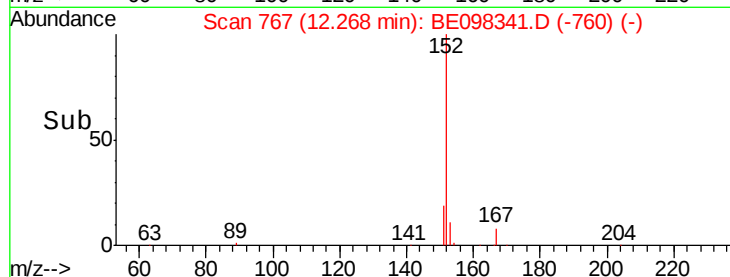
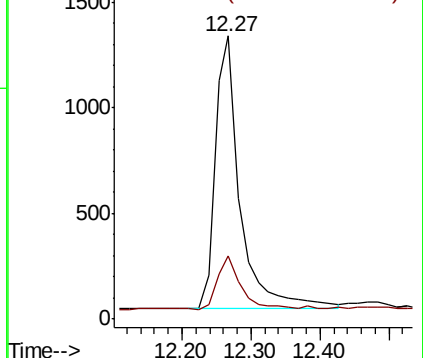
152 100

151 18.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

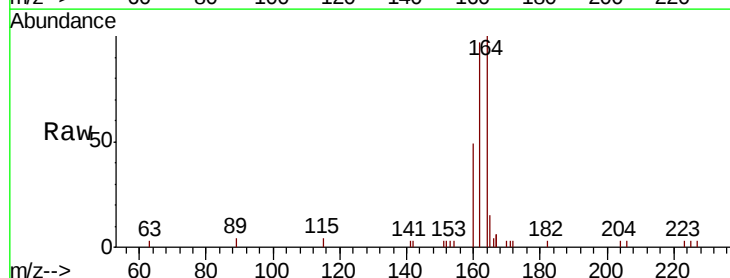
Tgt Ion:164 Resp: 3104

Ion Ratio Lower Upper

164 100

162 97.0 77.6 116.4

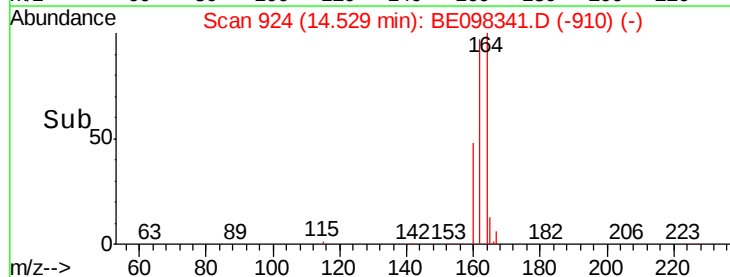
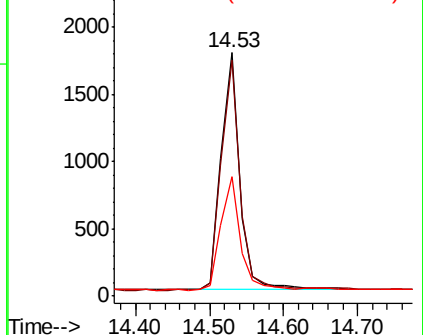
160 49.2 36.0 54.0

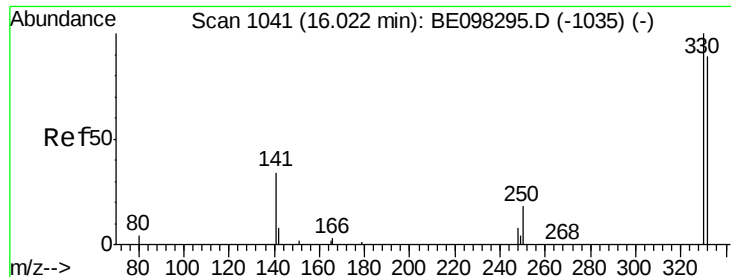


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

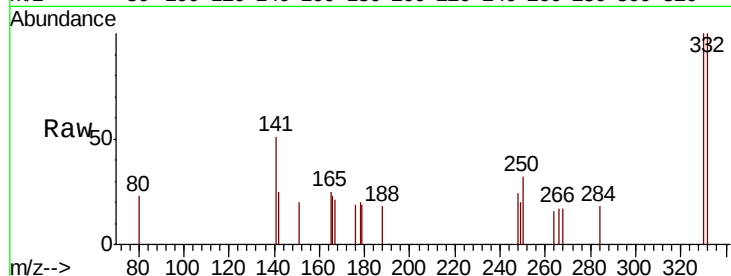




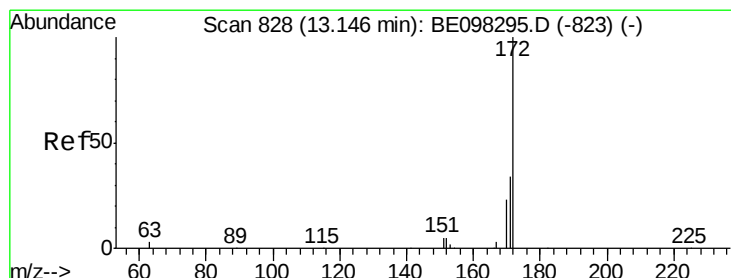
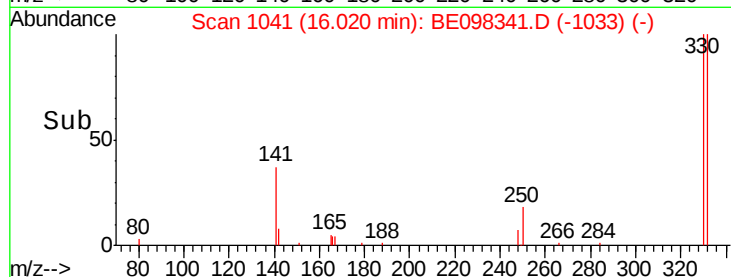
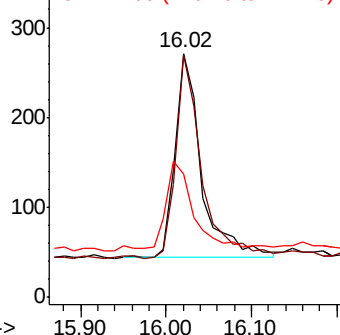
#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 99.4 76.2 114.4
141 43.2 39.0 58.4

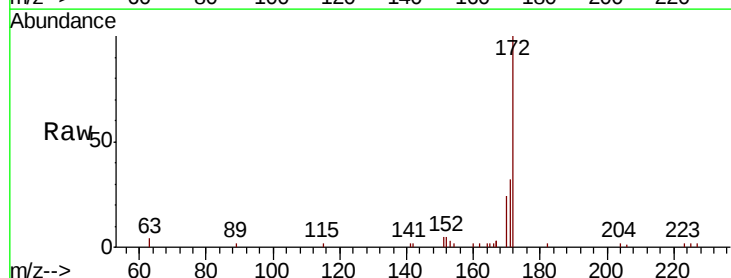


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

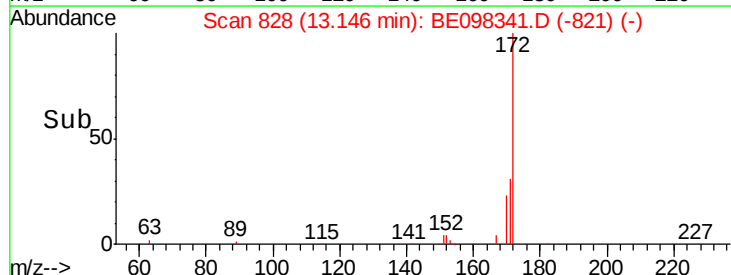
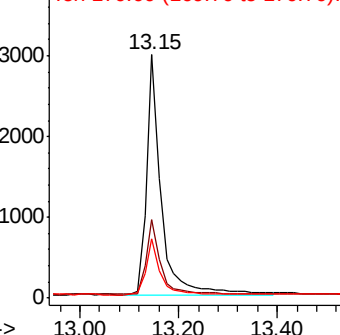


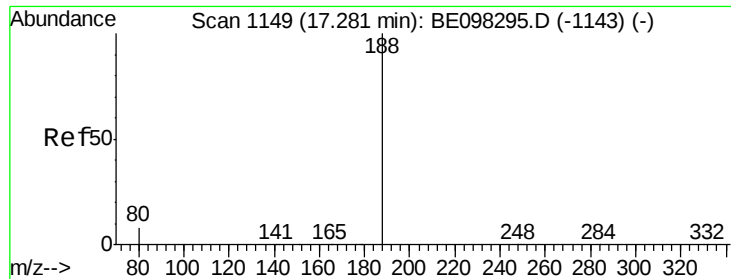
#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

Tgt Ion:172 Resp: 6040
Ion Ratio Lower Upper
172 100
171 32.3 27.5 41.3
170 24.4 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: BE098341.D

Acq: 11 Dec 2018 20:12

Instrument :

BNA_E

ClientSampleId :

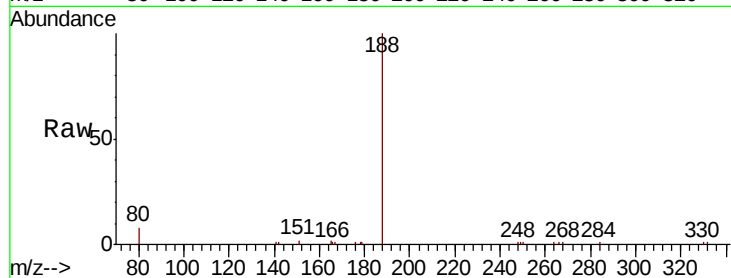
Tot Ion:188 Resp: 7732

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

6000

5000

4000

3000

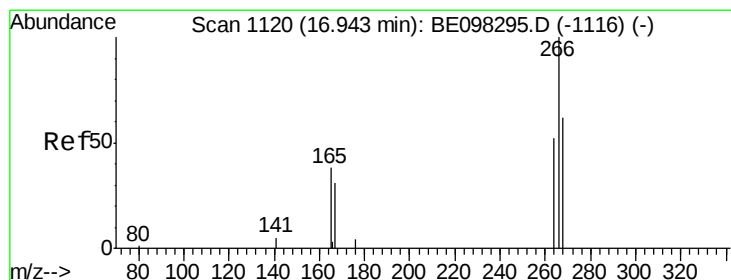
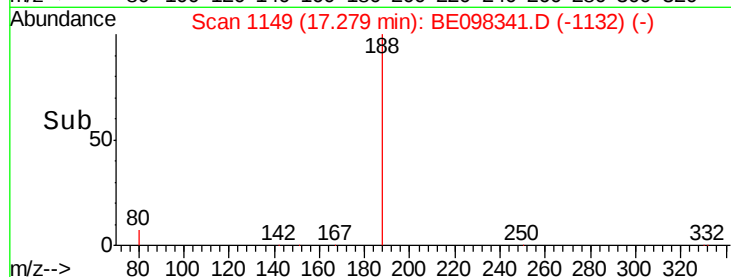
2000

1000

0

17.20 17.30

Time-->



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

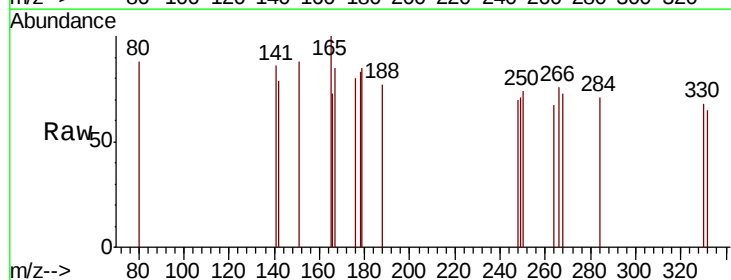
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 88.0 59.0 88.4

268 96.0 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

60

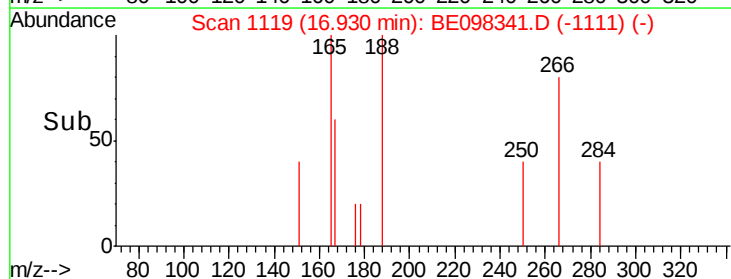
40

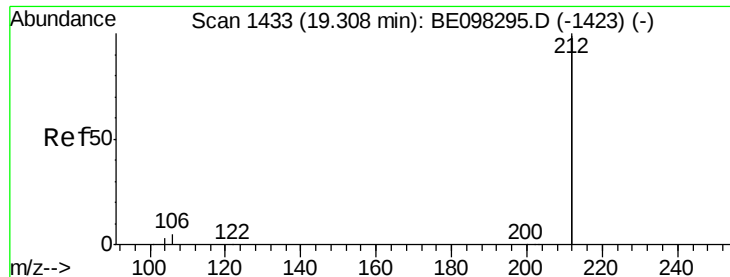
20

0

16.90 17.00

Time-->

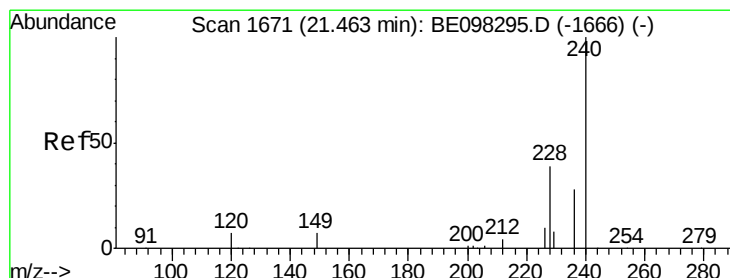
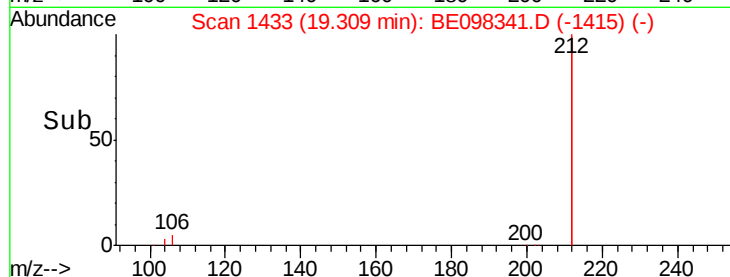
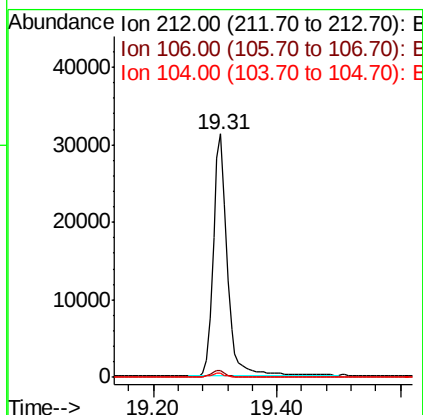
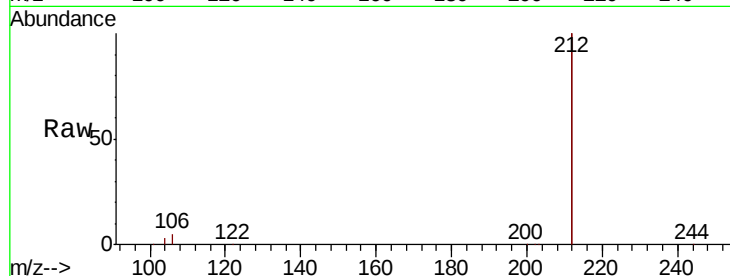




#25
Fluoranthene-d10
Concen: 0.491 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

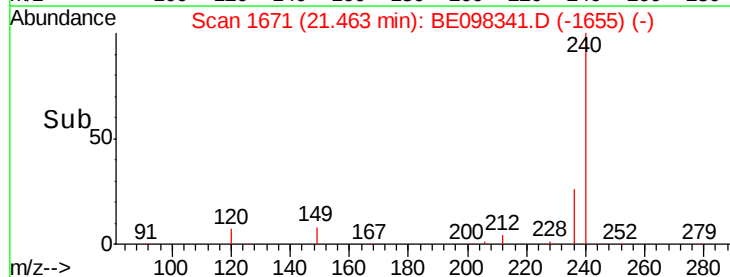
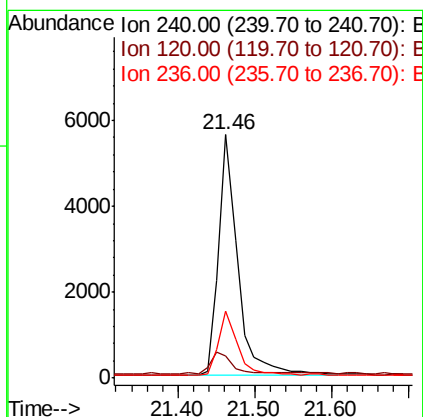
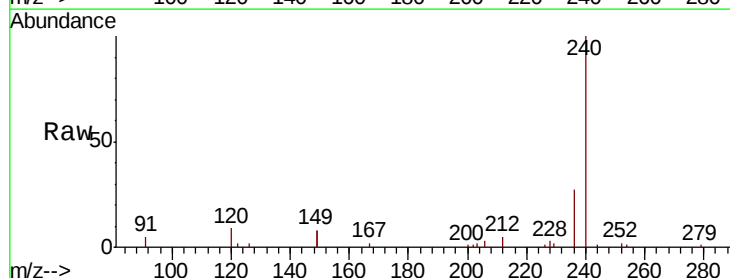
Instrument :
BNA_E
ClientSampleId :

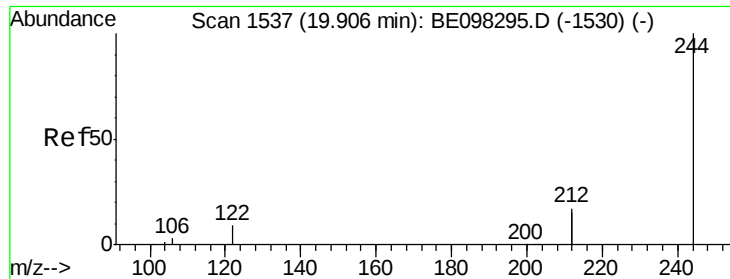
Tot Ion:212 Resp: 48703
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.5 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

Tgt Ion:240 Resp: 9841
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 27.4 22.7 34.1





#29

Terphenyl-d14

Concen: 0.583 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

Instrument :

BNA_E

ClientSampleId :

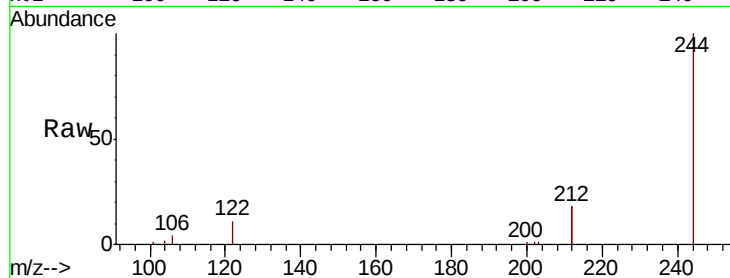
Tot Ion:244 Resp: 13953

Ion Ratio Lower Upper

244 100

212 35.1 27.4 41.0

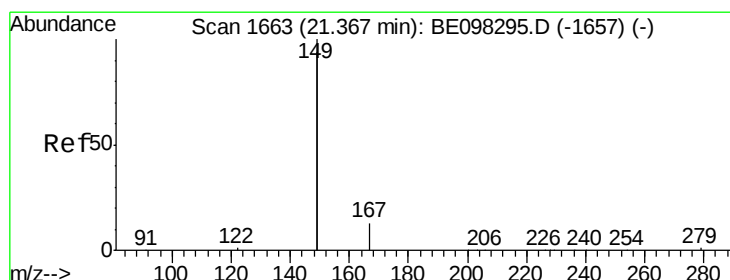
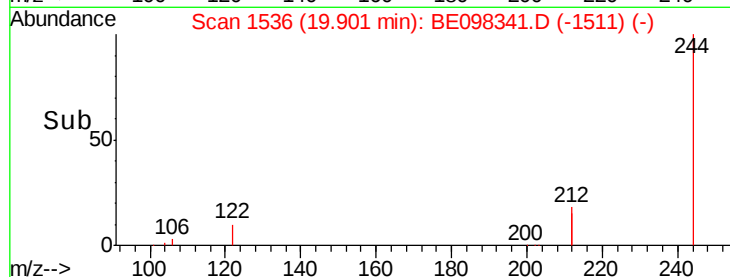
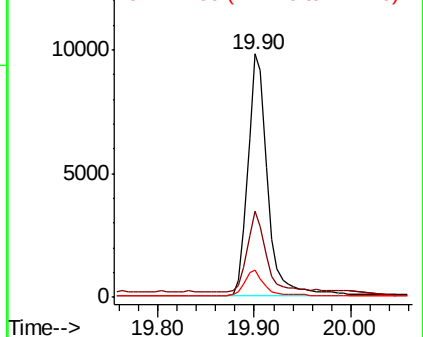
122 11.1 8.3 12.5



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: 0.140 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098341.D

Acq: 11 Dec 2018 20:12

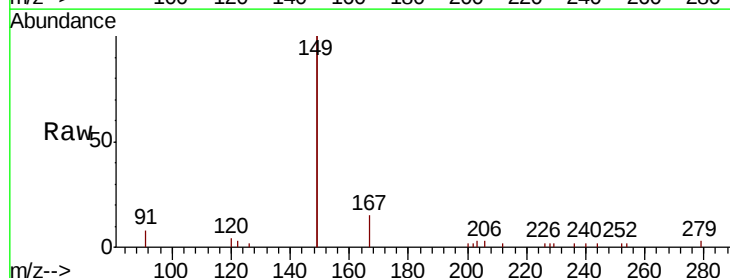
Tgt Ion:149 Resp: 7977

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

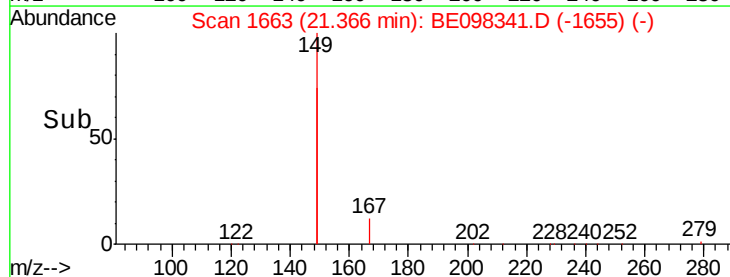
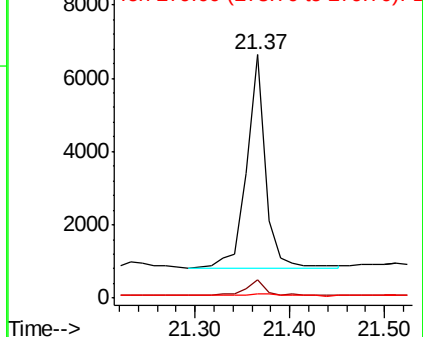
279 1.4 1.0 1.4#

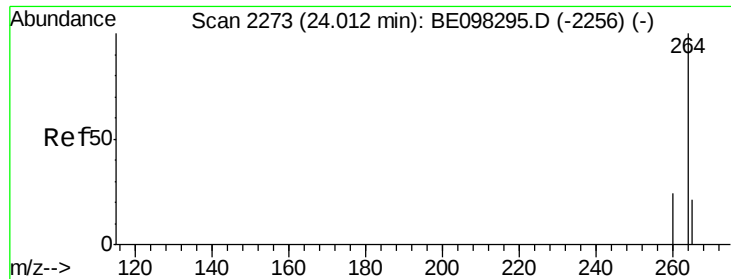


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

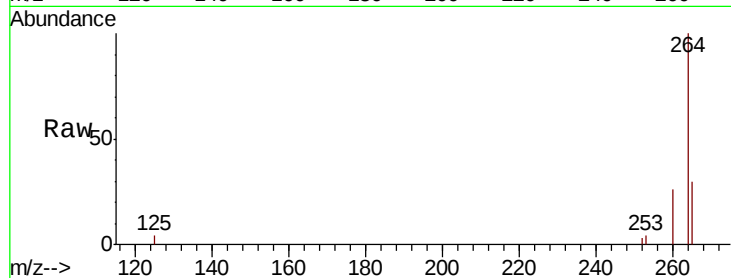




#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098341.D
Acq: 11 Dec 2018 20:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 9344
Ion Ratio Lower Upper
264 100
260 25.9 20.2 30.2
265 30.2 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

