

Data File : BE098494.D
Acq On : 16 Dec 2018 6:09
Operator : SJ/JU
Sample : J6398-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C-MW-06-121118

Quant Time: Dec 17 02:03:18 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

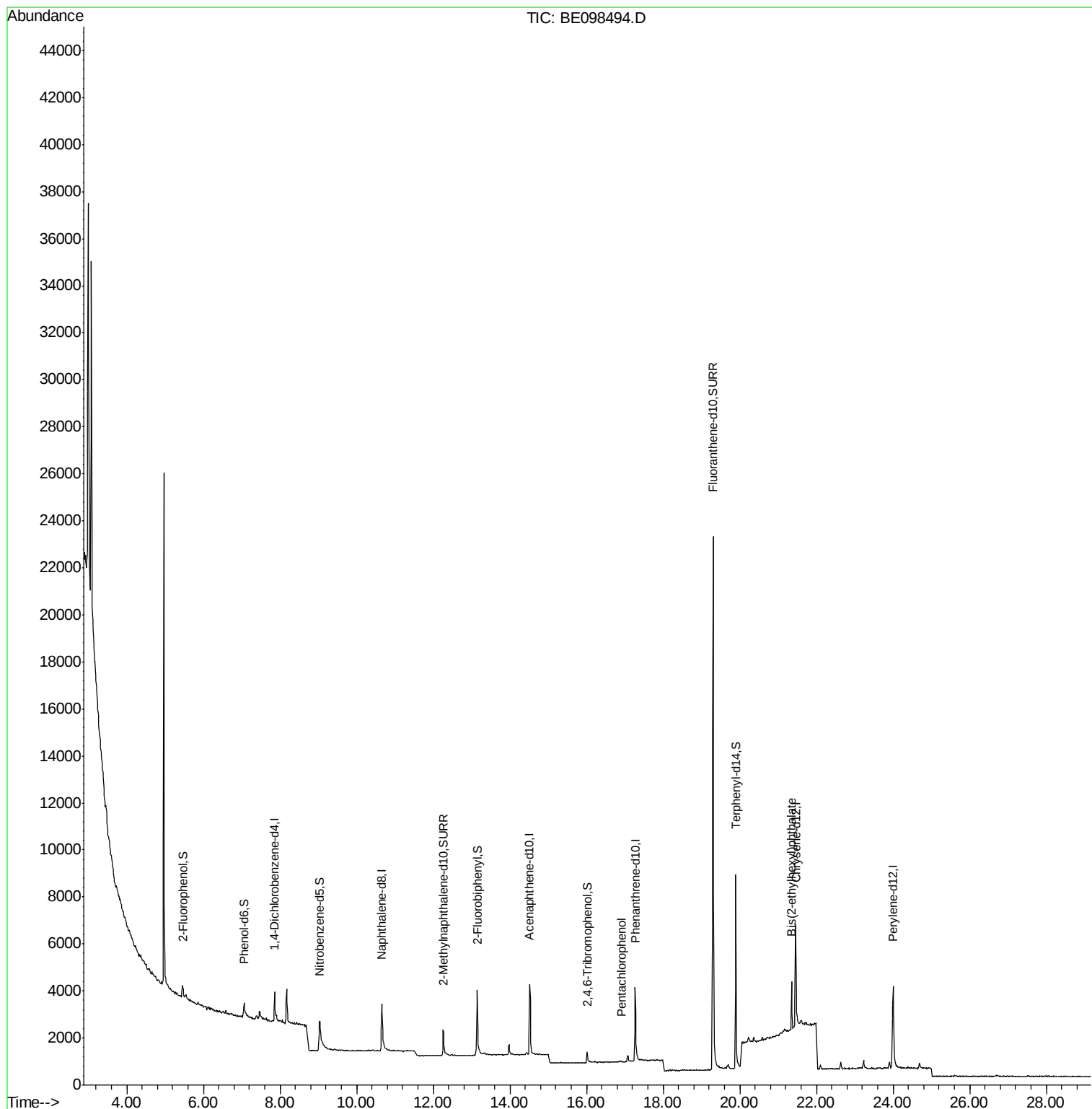
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	758	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3228	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	2139	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5536	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6550	0.40	ng	0.00
34) Perylene-d12	24.00	264	6288	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	346	0.20	ng	0.01
5) Phenol-d6	7.05	99	354	0.14	ng	0.00
8) Nitrobenzene-d5	9.03	82	1186	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2259	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	396	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4006	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	33847	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	8135	0.51	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.91	266	49	0.115	ng	93
32) Bis(2-ethylhexyl)phthalate	21.35	149	2378	0.063	ng	# 98

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

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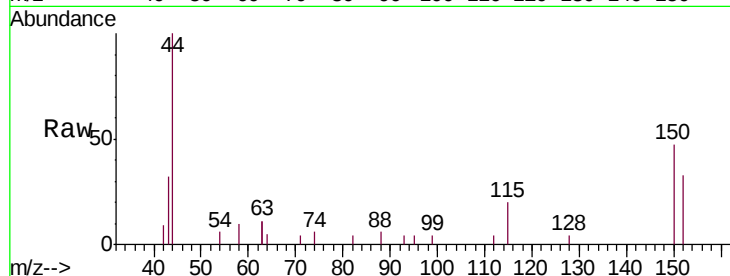




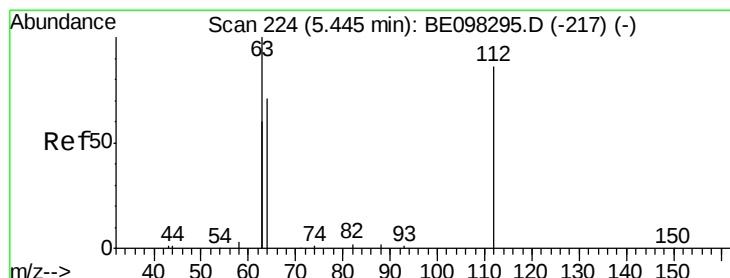
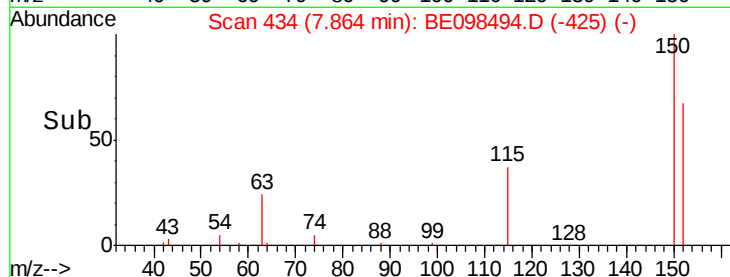
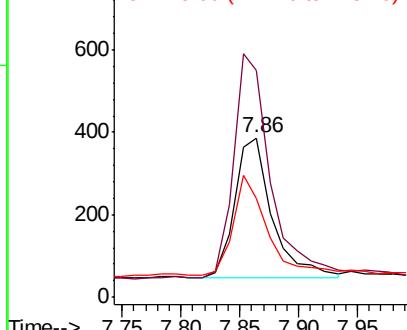
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-121118

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.6	124.2	186.4
115	62.0	53.9	80.9

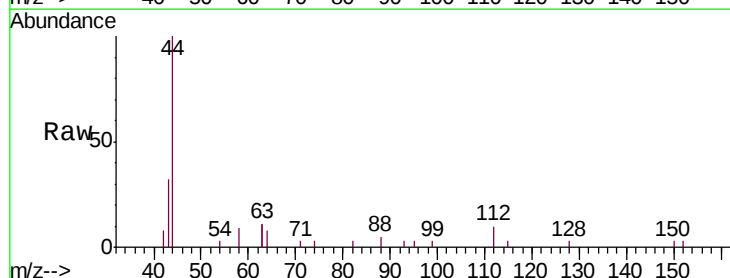


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

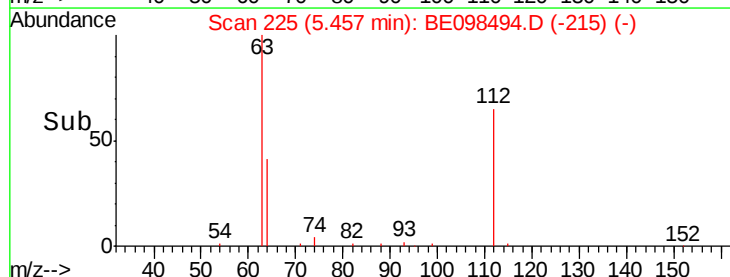
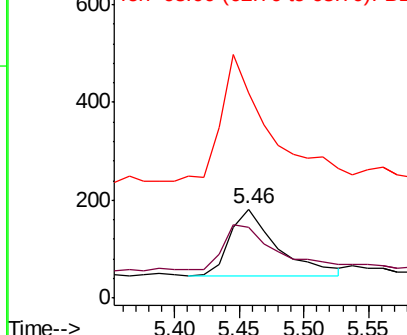


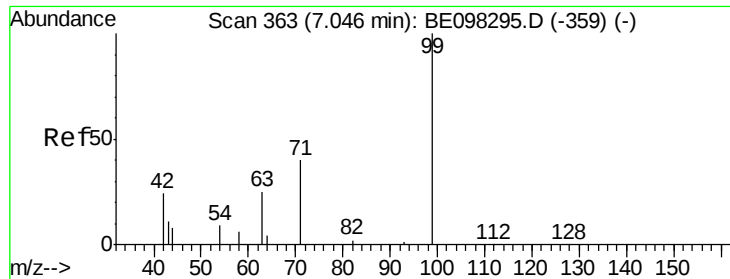
#4
 2-Fluorophenol
 Concen: 0.195 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.4	59.8	89.8
63	187.0	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: 0.141 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098494.D

Acq: 16 Dec 2018 6:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121118

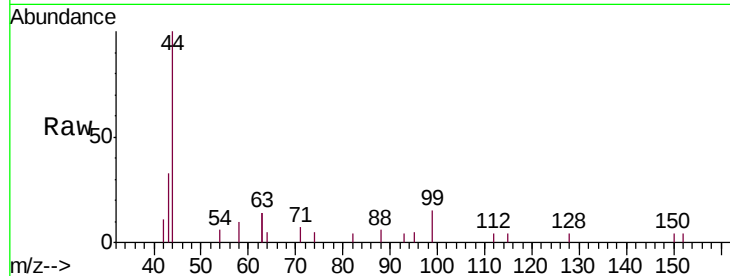
Tgt Ion: 99 Resp: 354

Ion Ratio Lower Upper

99 100

42 30.8 26.3 39.5

71 43.8 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

250

200

150

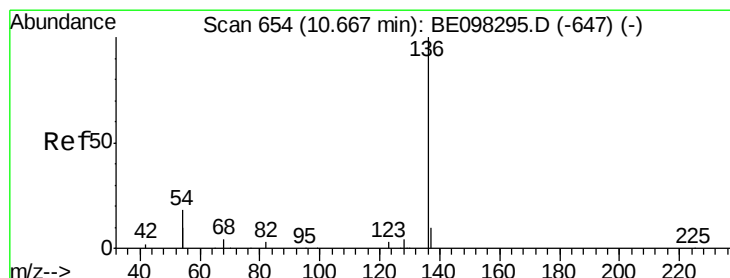
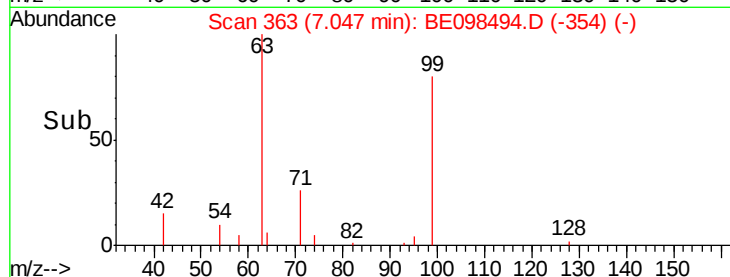
100

50

0

6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098494.D

Acq: 16 Dec 2018 6:09

Tgt Ion: 136 Resp: 3228

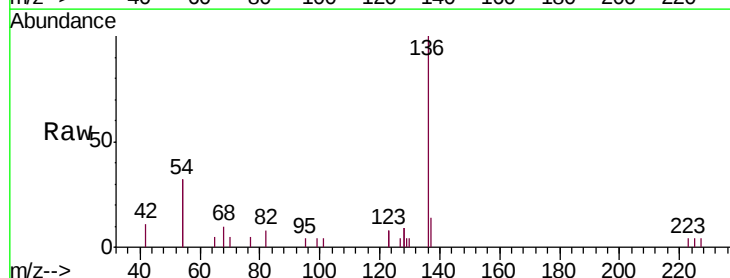
Ion Ratio Lower Upper

136 100

137 14.0 9.2 13.8#

54 64.5 28.4 42.6#

68 10.1 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

1500

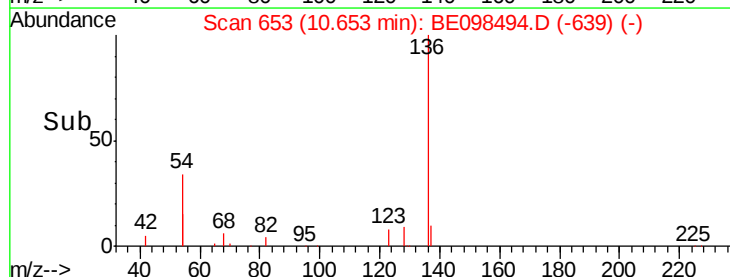
1000

500

0

10.60 10.80

Time-->

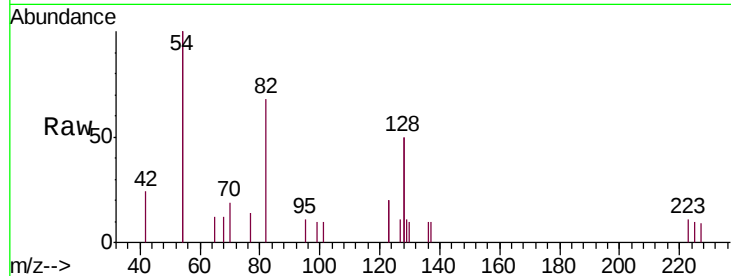




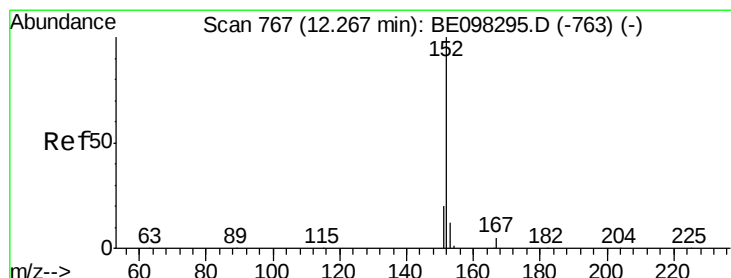
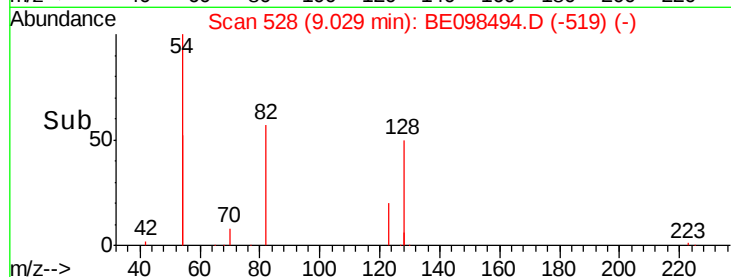
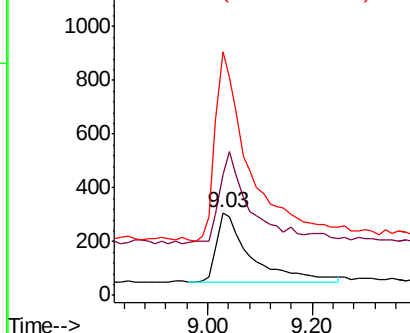
#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098494.D
Acq: 16 Dec 2018 6:09

Instrument :
BNA_E
ClientSampleId :
C-MW-06-121118

Tgt Ion: 82 Resp: 1186
Ion Ratio Lower Upper
82 100
128 146.6 102.4 153.6
54 295.1 221.8 332.8

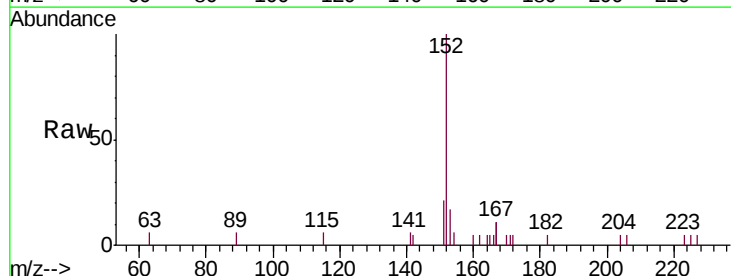


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

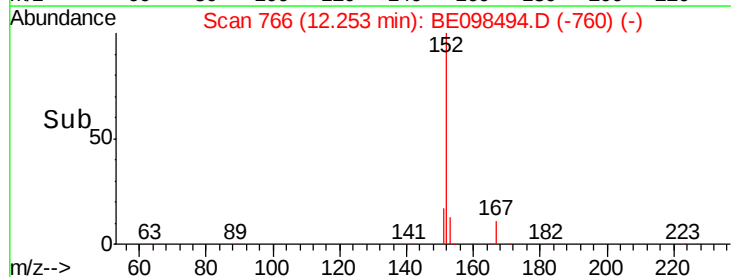
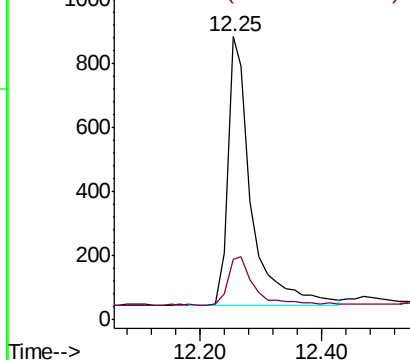


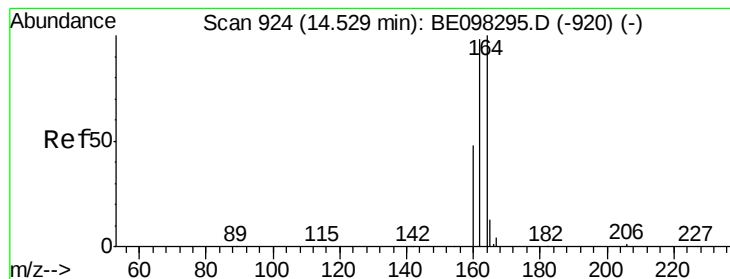
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098494.D
Acq: 16 Dec 2018 6:09

Tgt Ion: 152 Resp: 2259
Ion Ratio Lower Upper
152 100
151 22.0 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: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098494.D

Acq: 16 Dec 2018 6:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121118

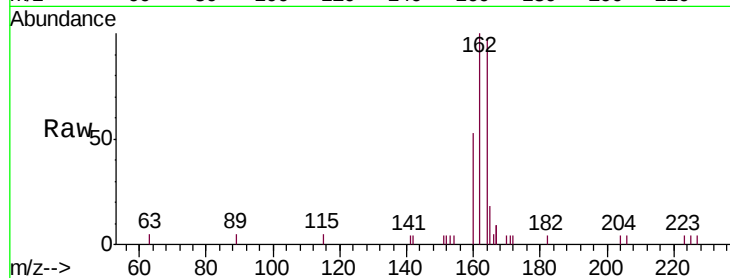
Tgt Ion:164 Resp: 2139

Ion Ratio Lower Upper

164 100

162 103.1 77.6 116.4

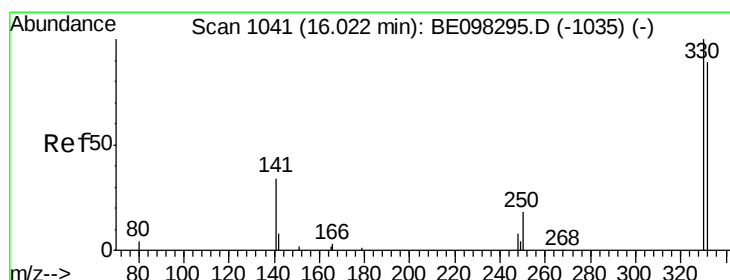
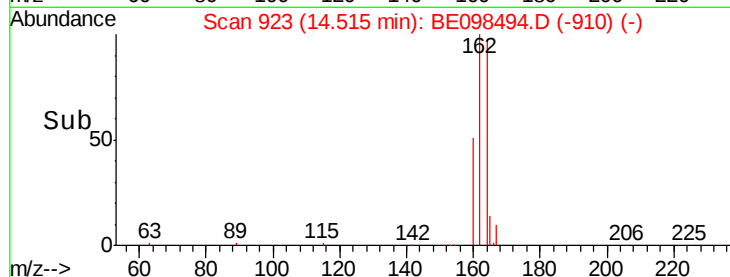
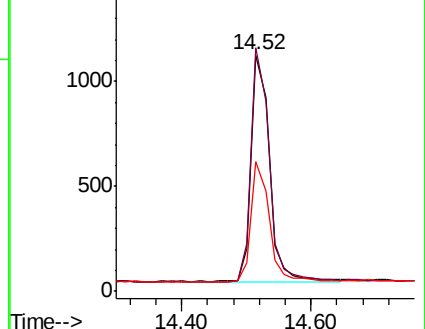
160 54.8 36.0 54.0#



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: 0.504 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098494.D

Acq: 16 Dec 2018 6:09

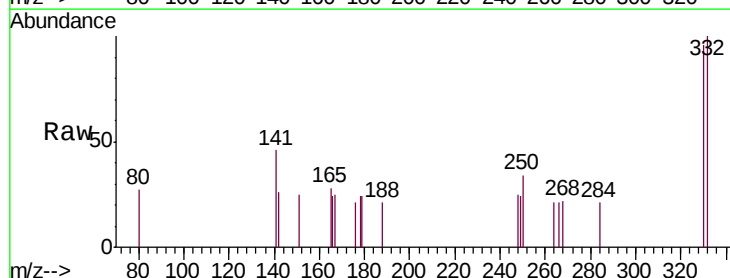
Tgt Ion:330 Resp: 396

Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

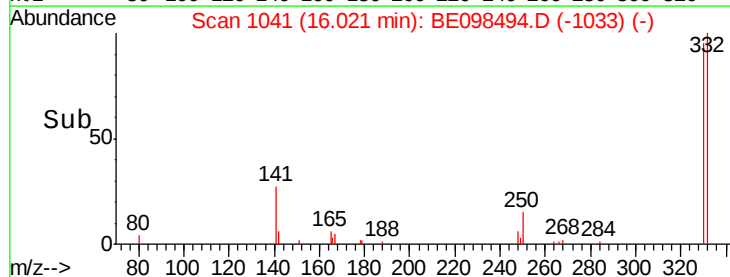
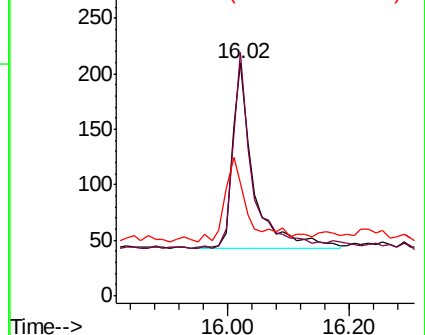
141 41.9 39.0 58.4

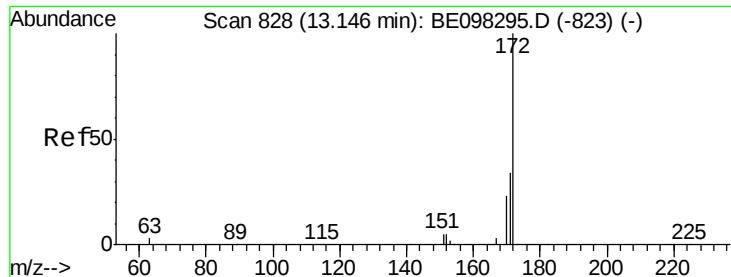


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

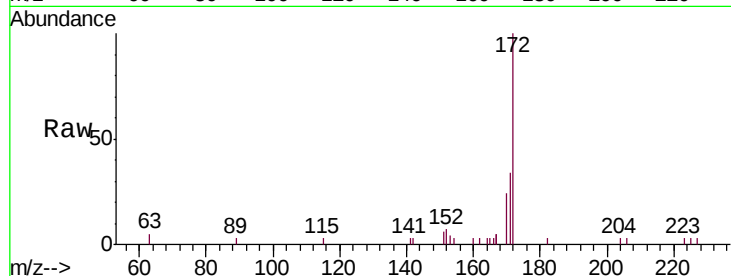




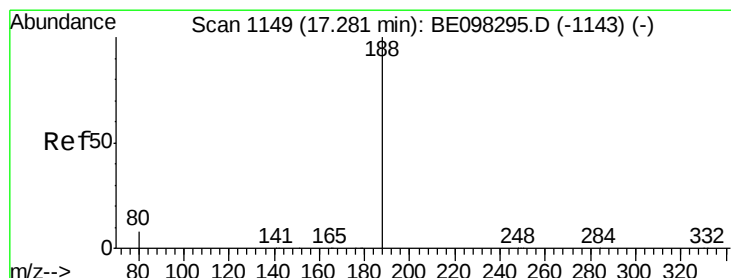
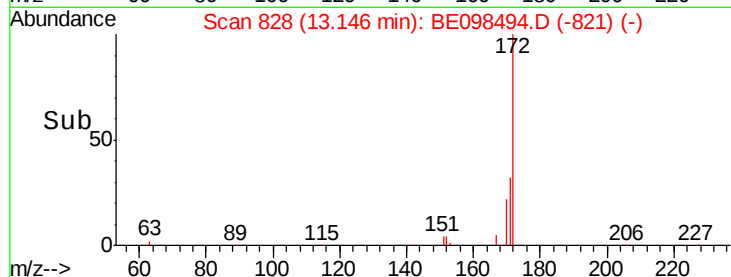
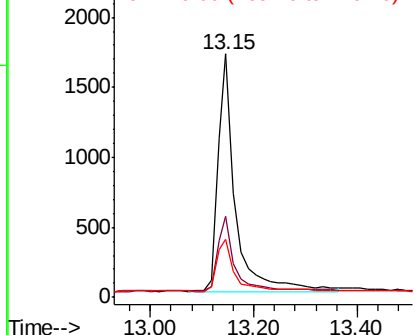
#15
 2-Fluorobiphenyl
 Concen: 0.444 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Instrument :
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 C-MW-06-121118

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.5	41.3
170	23.7	19.6	29.4

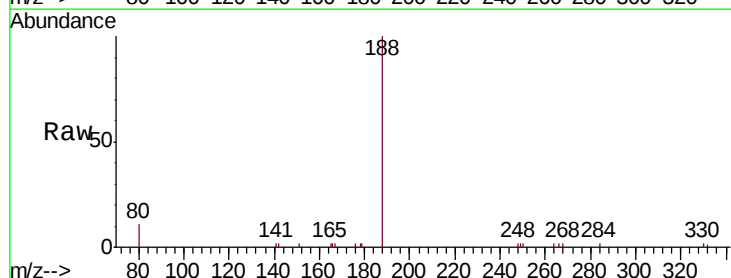


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

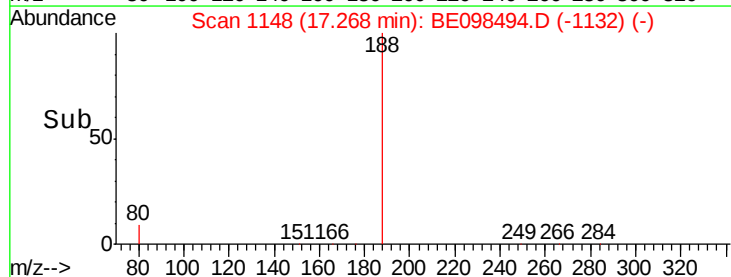
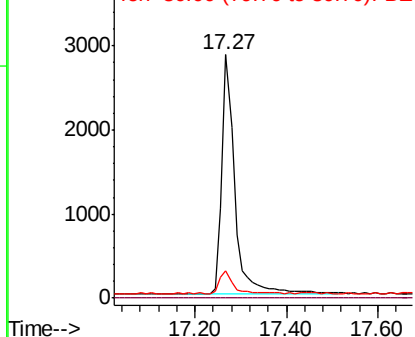


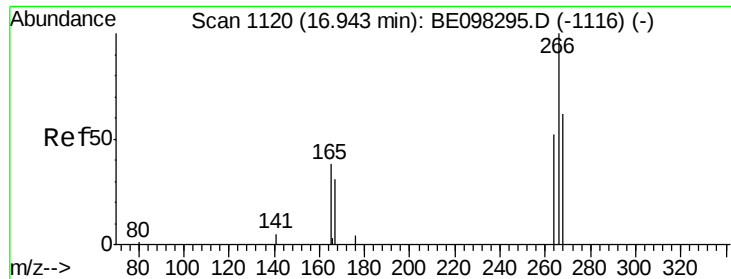
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	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

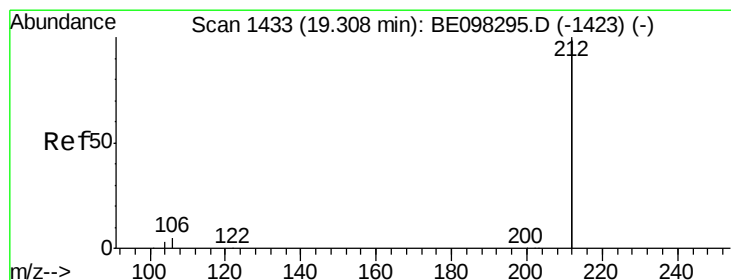
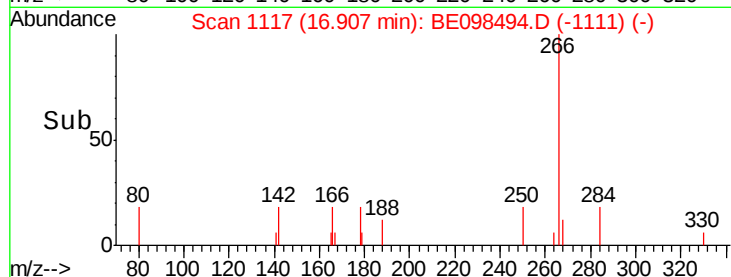
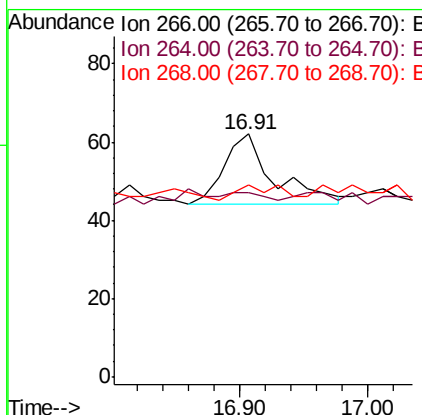
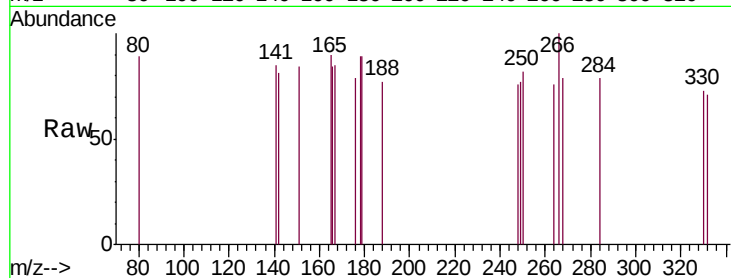




#22
 Pentachlorophenol
 Concen: 0.115 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

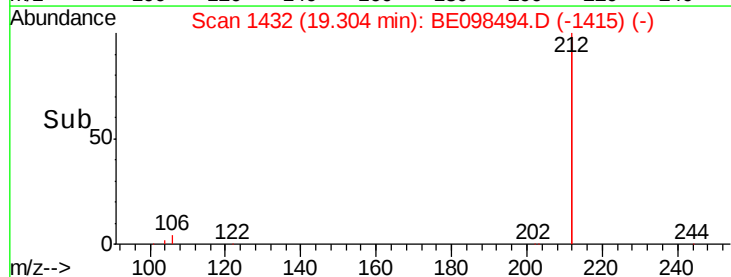
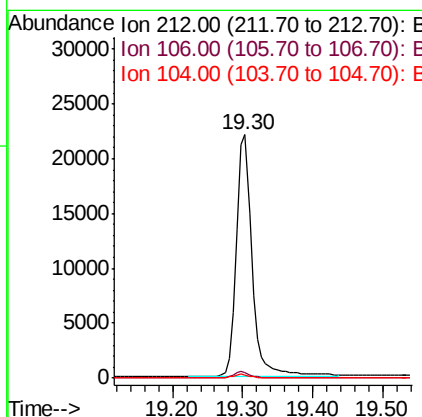
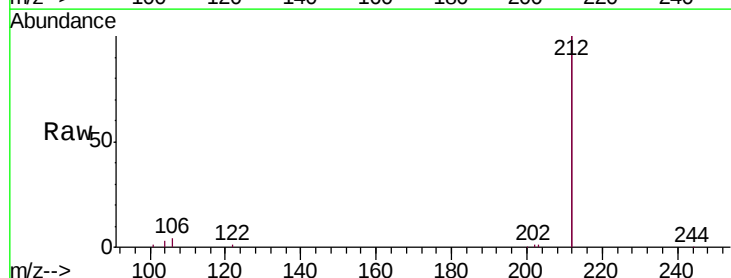
Instrument :
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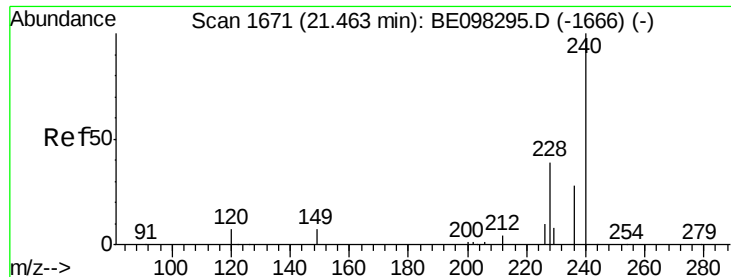
Tgt Ion:	266	Resp:	49
Ion	Ratio	Lower	Upper
266	100		
264	75.8	59.0	88.4
268	79.0	55.1	82.7



#25
 Fluoranthene-d10
 Concen: 0.477 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Tgt Ion:	212	Resp:	33847
Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.4	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: BE098494.D

Acq: 16 Dec 2018 6:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121118

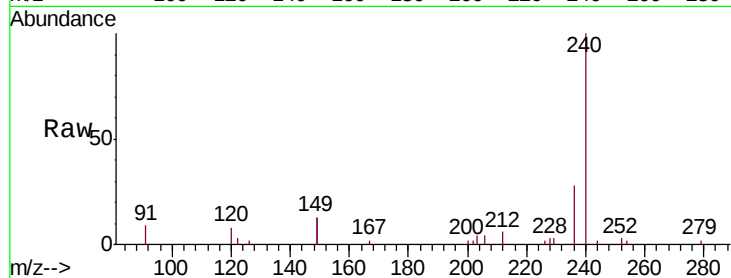
Tgt Ion:240 Resp: 6550

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

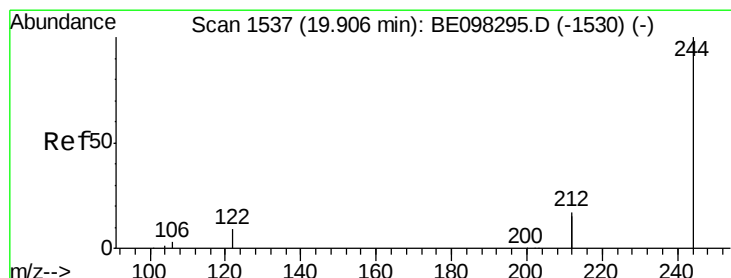
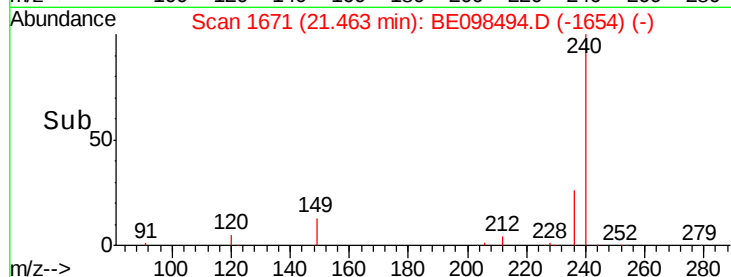
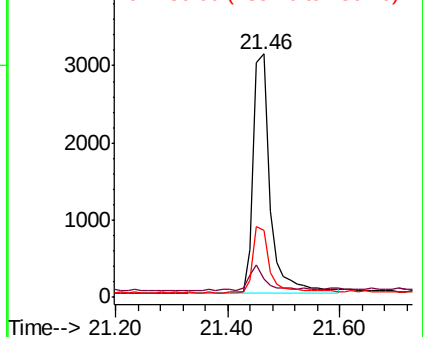
236 27.5 22.7 34.1



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: 0.511 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098494.D

Acq: 16 Dec 2018 6:09

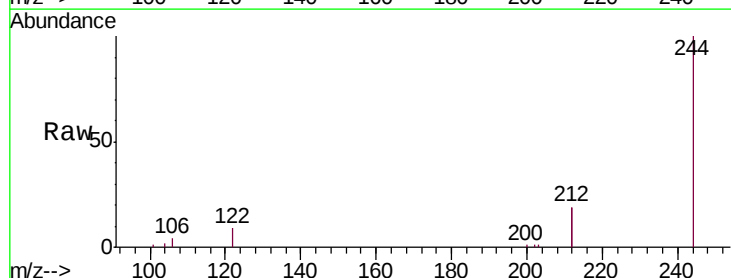
Tgt Ion:244 Resp: 8135

Ion Ratio Lower Upper

244 100

212 38.2 27.4 41.0

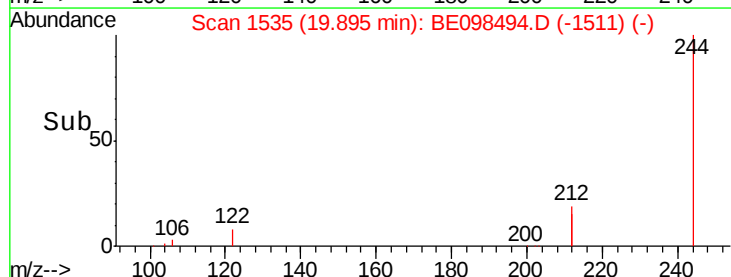
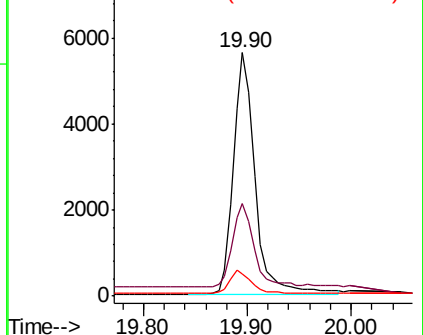
122 9.4 8.3 12.5

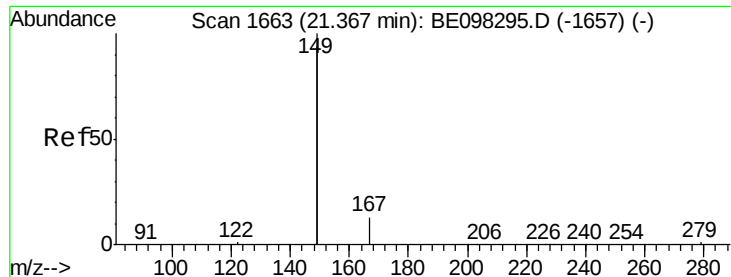


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

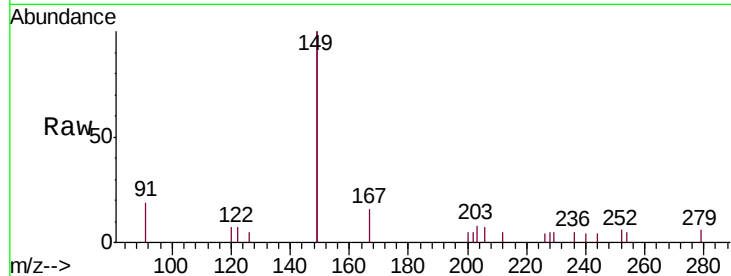




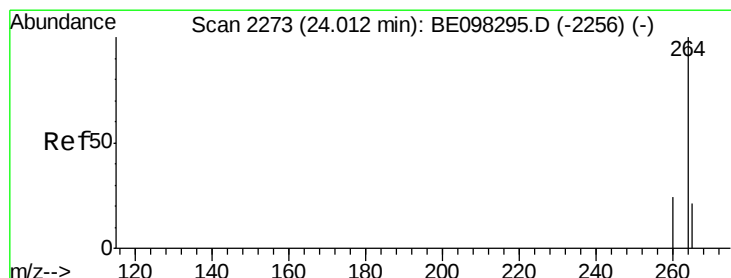
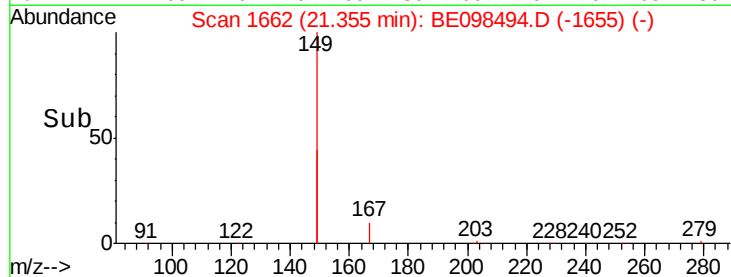
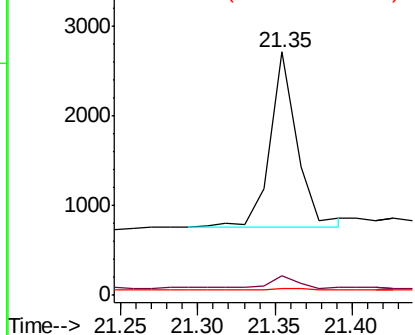
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-121118

Tgt Ion:149 Resp: 2378
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.7 8.5
 279 2.0 1.0 1.4#

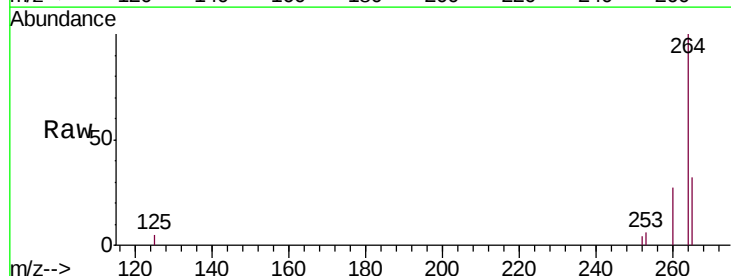


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BE098494.D
 Acq: 16 Dec 2018 6:09

Tgt Ion:264 Resp: 6288
 Ion Ratio Lower Upper
 264 100
 260 27.5 20.2 30.2
 265 32.4 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

