

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
 Data File : BE098160.D
 Acq On : 5 Nov 2018 14:06
 Operator : SJ/JU
 Sample : J5780-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073082

Quant Time: Nov 05 16:19:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

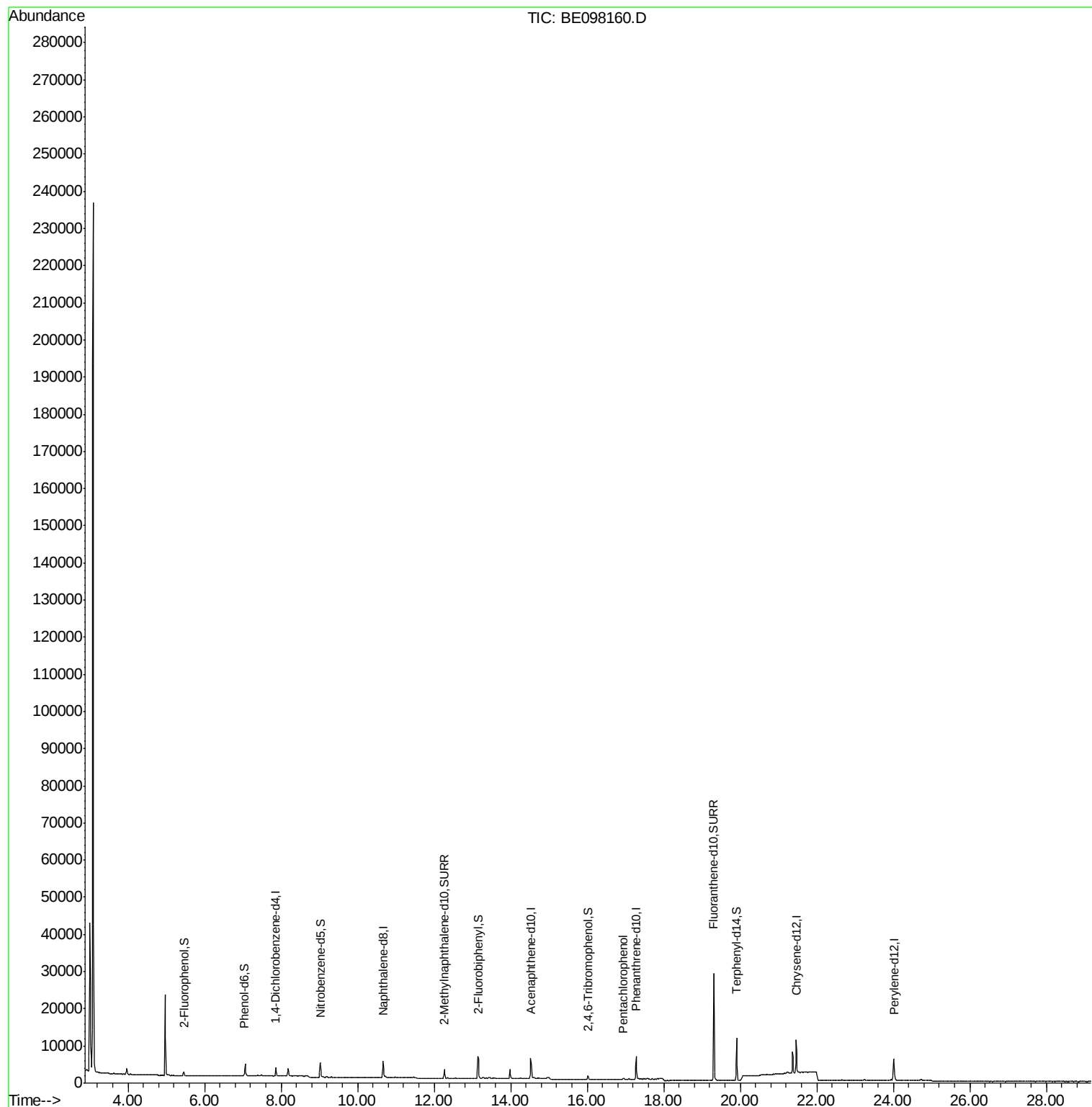
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1050	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	5053	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3498	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	8205	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9357	0.40	ng	0.00
34) Perylene-d12	24.01	264	9135	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	515	0.17	ng	0.00
5) Phenol-d6	7.04	99	471	0.09	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1885	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3166	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	585	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	6494	0.45	ng	0.00
25) Fluoranthene-d10	19.32	212	39428	0.37	ng	0.00
29) Terphenyl-d14	19.91	244	9944	0.46	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.94	266	178	0.249	ng	# 81

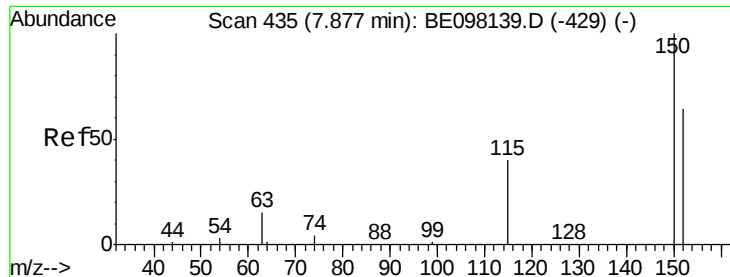
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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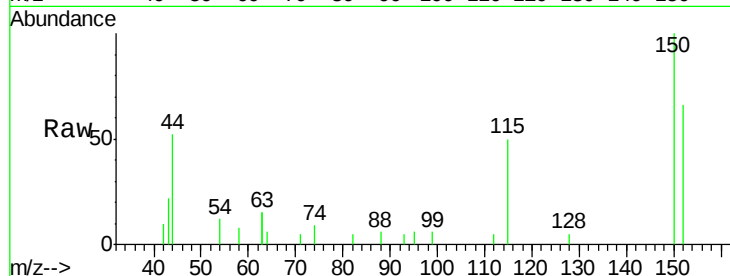


#1

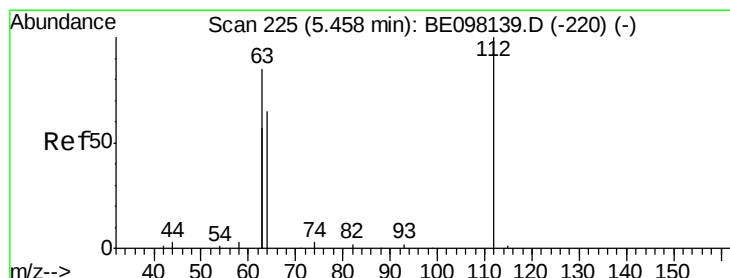
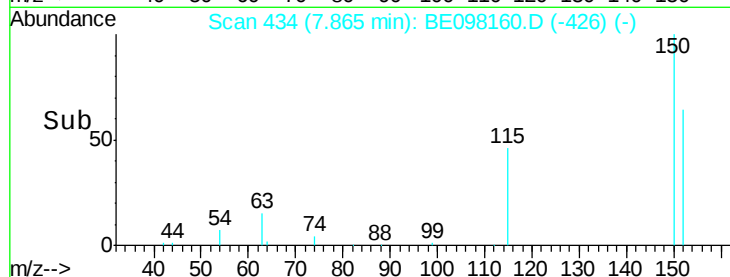
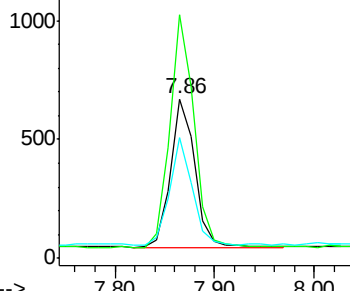
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098160.D
Acq: 5 Nov 2018 14:06

Instrument :
BNA_E
ClientSampleId :
CPS073082

Tgt Ion:152 Resp: 1050
Ion Ratio Lower Upper
152 100
150 152.6 118.2 177.4
115 75.7 50.9 76.3



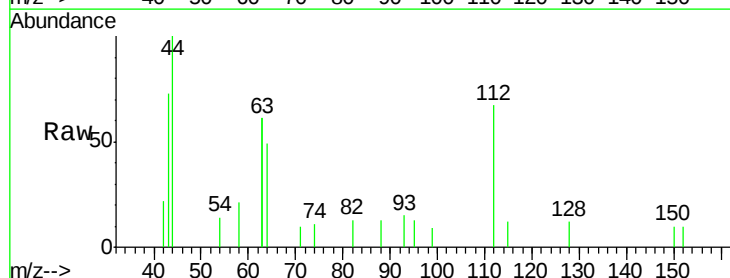
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



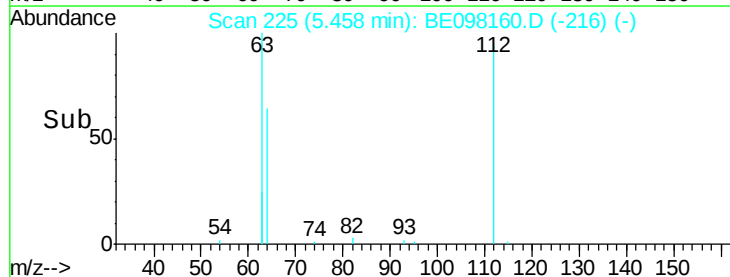
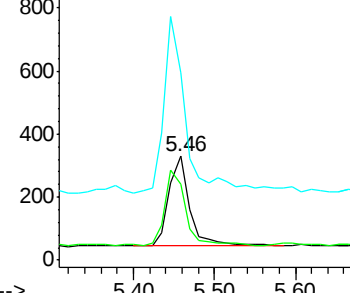
#4

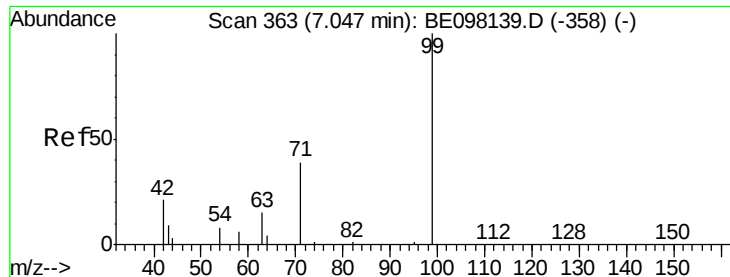
2-Fluorophenol
Concen: 0.165 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098160.D
Acq: 5 Nov 2018 14:06

Tgt Ion:112 Resp: 515
Ion Ratio Lower Upper
112 100
64 83.5 58.9 88.3
63 216.5 120.3 180.5#



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: 0.092 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

Instrument :

BNA_E

ClientSampleId :

CPS073082

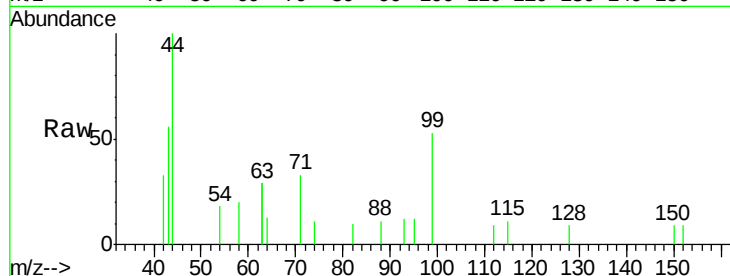
Tgt Ion: 99 Resp: 471

Ion Ratio Lower Upper

99 100

42 63.9 19.9 29.9#

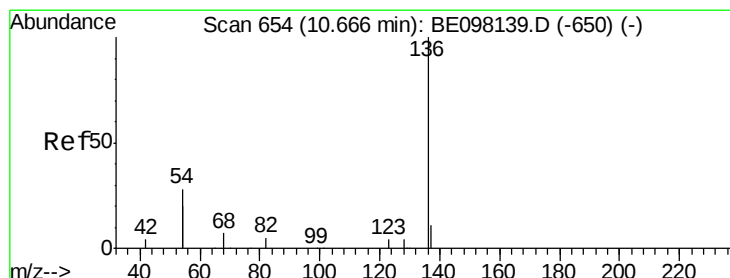
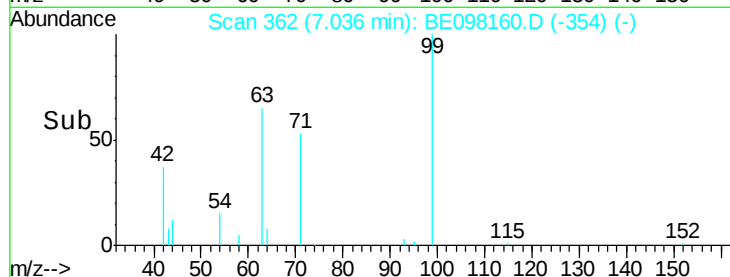
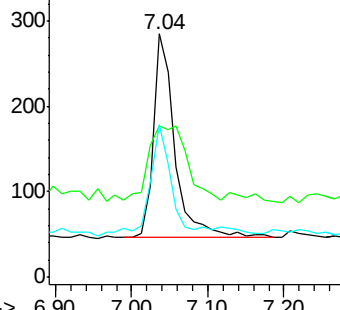
71 55.8 27.8 41.8#



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

Tgt Ion: 136 Resp: 5053

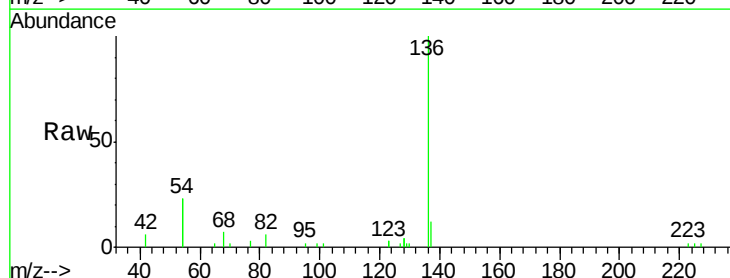
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 45.7 27.7 41.5#

68 7.2 5.3 7.9

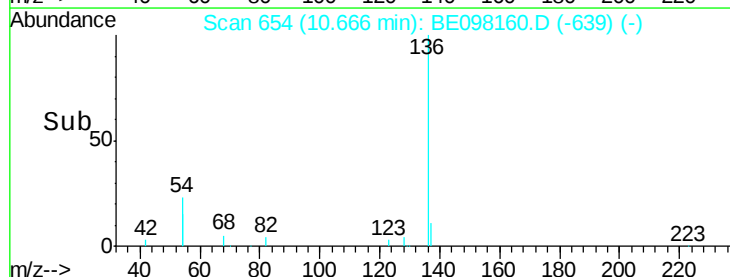
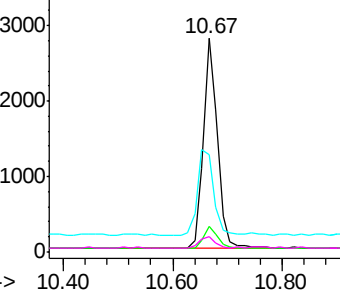


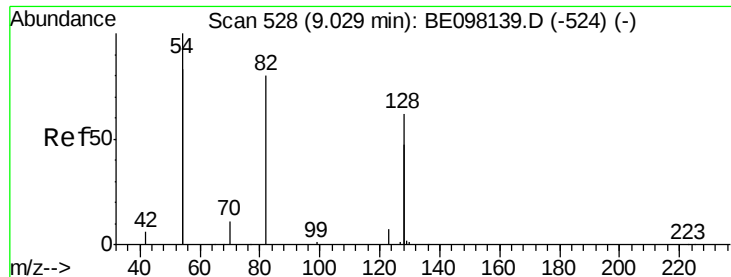
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

Instrument :

BNA_E

ClientSampleId :

CPS073082

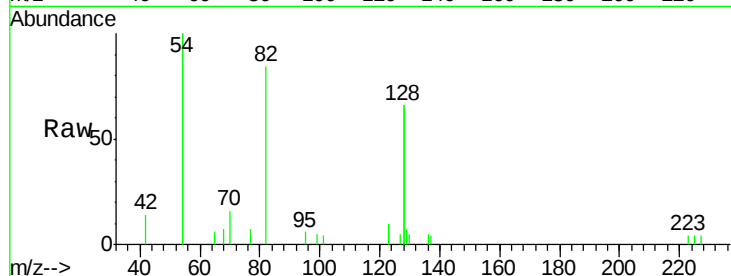
Tgt Ion: 82 Resp: 1885

Ion Ratio Lower Upper

82 100

128 156.2 129.9 194.9

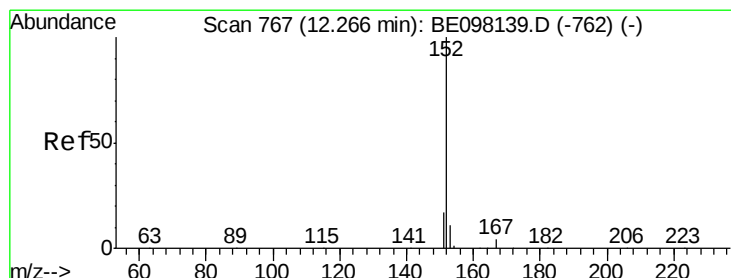
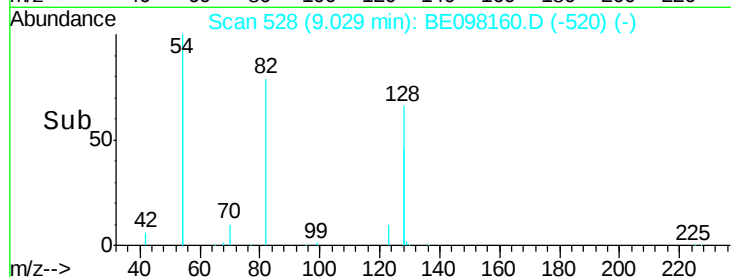
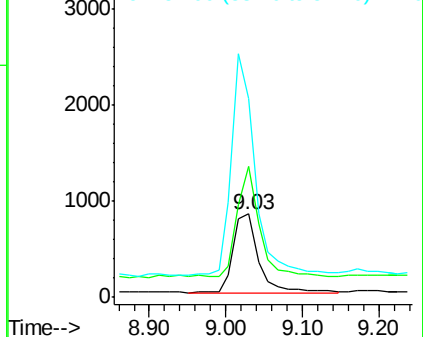
54 237.8 174.0 261.0



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: 0.355 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098160.D

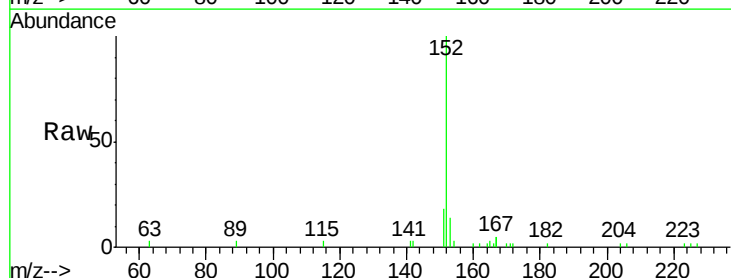
Acq: 5 Nov 2018 14:06

Tgt Ion: 152 Resp: 3166

Ion Ratio Lower Upper

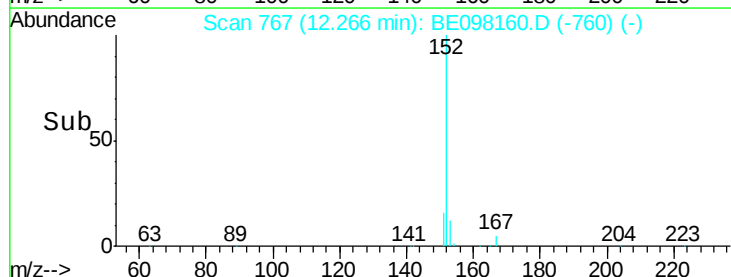
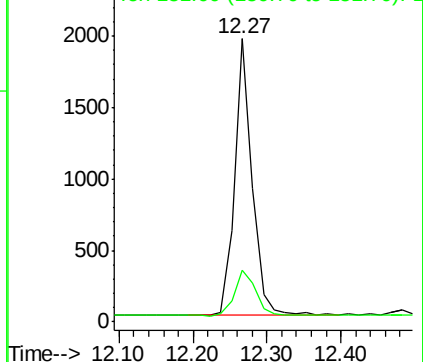
152 100

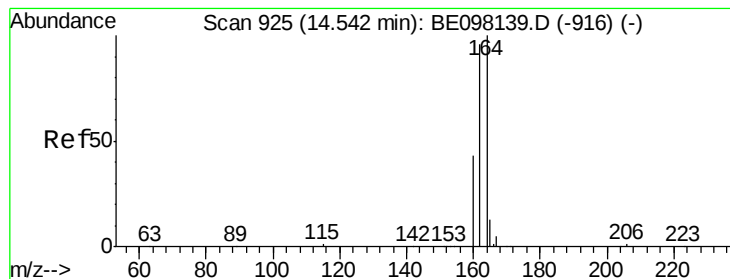
151 20.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

Instrument :

BNA_E

ClientSampleId :

CPS073082

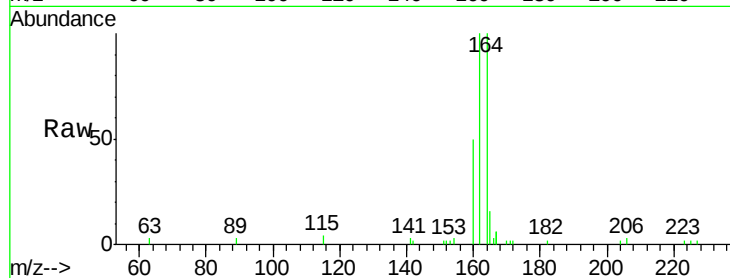
Tgt Ion:164 Resp: 3498

Ion Ratio Lower Upper

164 100

162 99.5 77.4 116.2

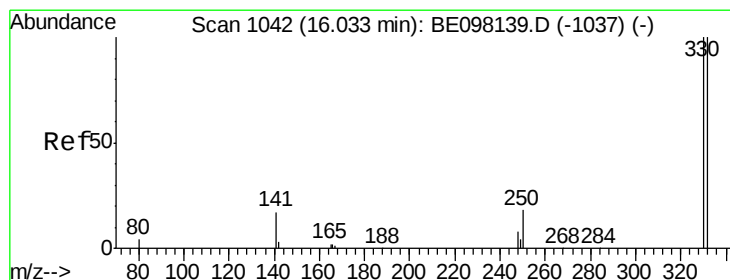
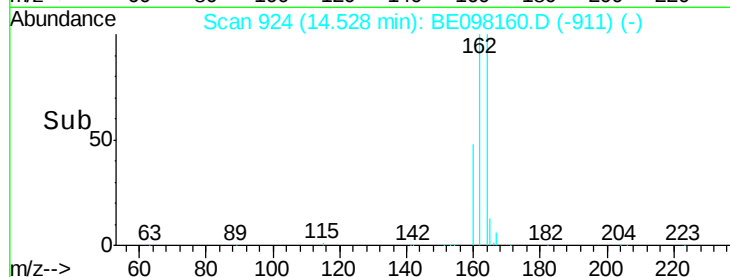
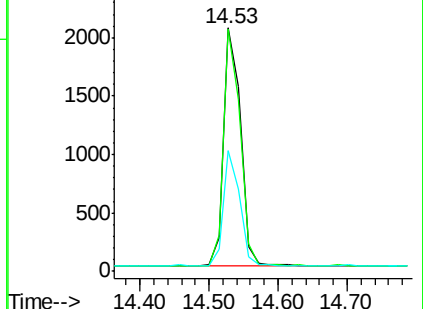
160 49.6 36.5 54.7



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: 0.353 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

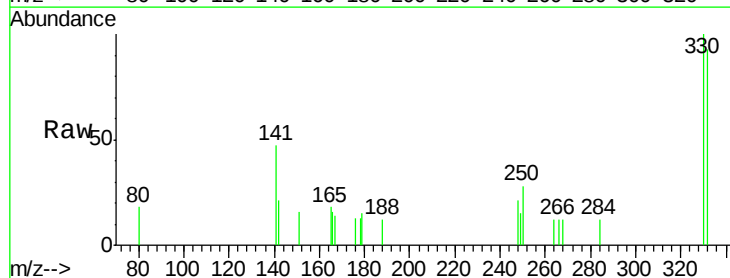
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 94.5 76.5 114.7

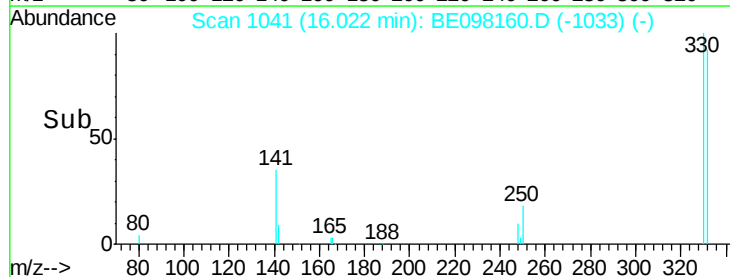
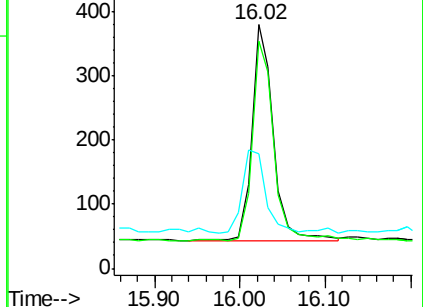
141 41.7 31.8 47.6

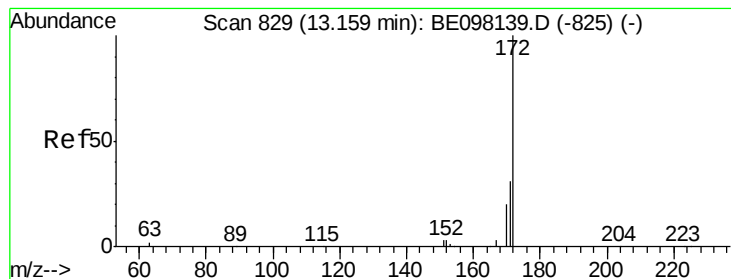


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.452 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

Instrument :

BNA_E

ClientSampleId :

CPS073082

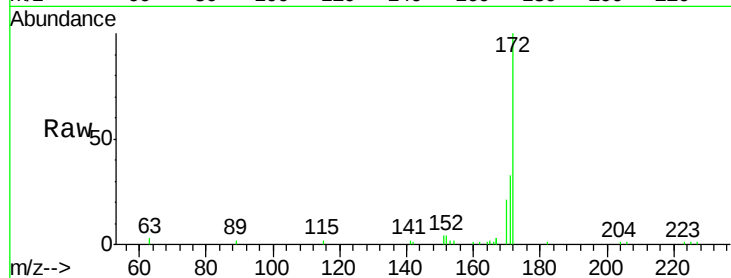
Tgt Ion:172 Resp: 6494

Ion Ratio Lower Upper

172 100

171 33.0 26.0 39.0

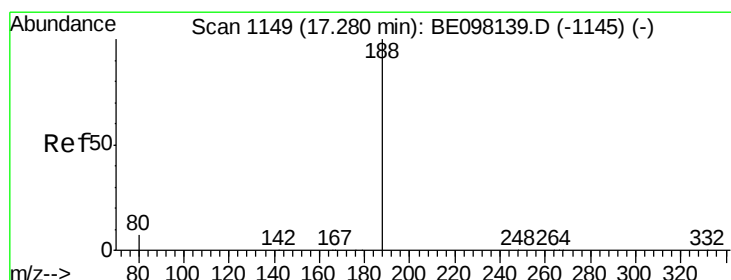
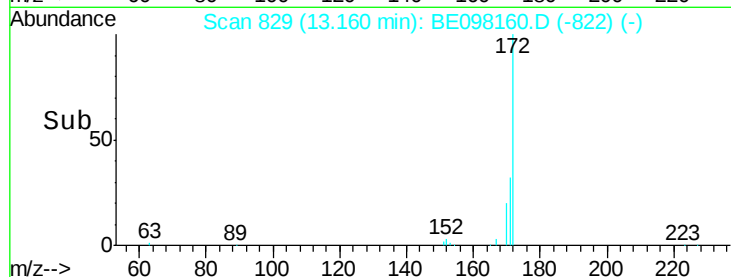
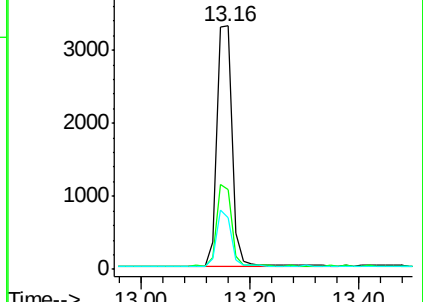
170 21.4 18.0 27.0



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: BE098160.D

Acq: 5 Nov 2018 14:06

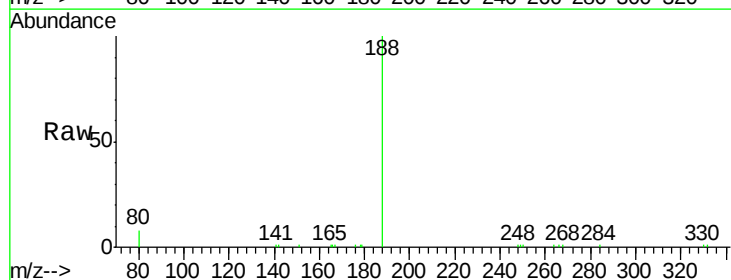
Tgt Ion:188 Resp: 8205

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

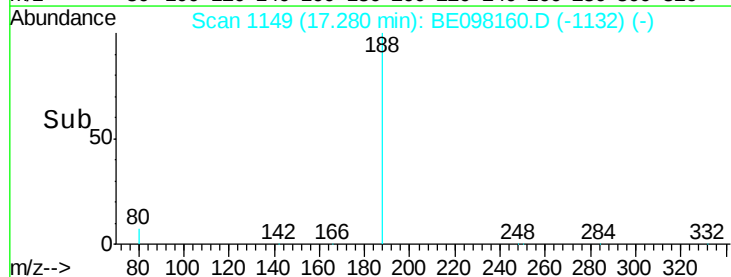
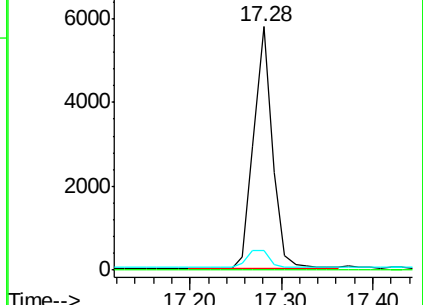
80 7.9 6.3 9.5

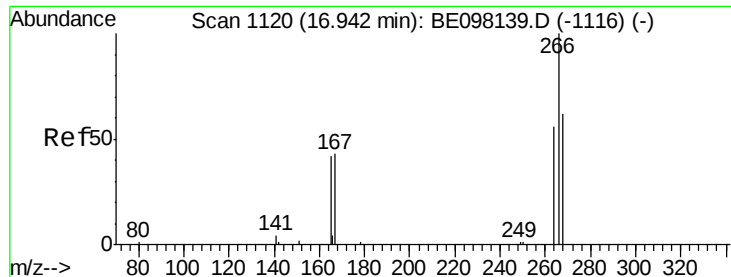


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

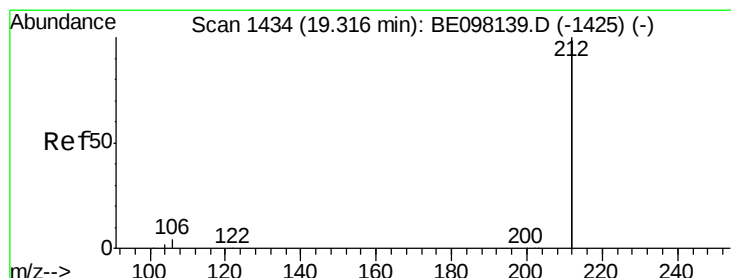
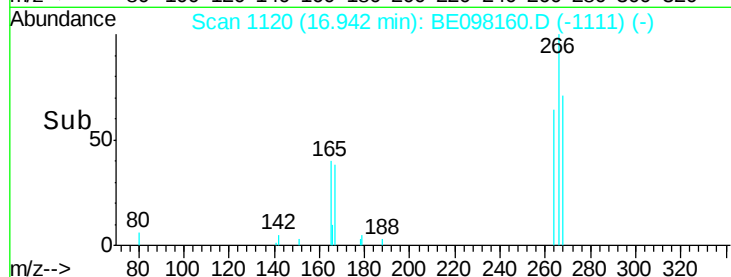
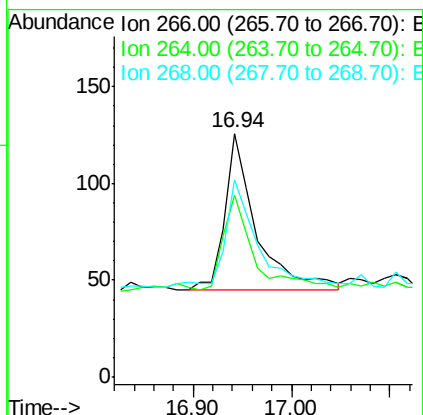
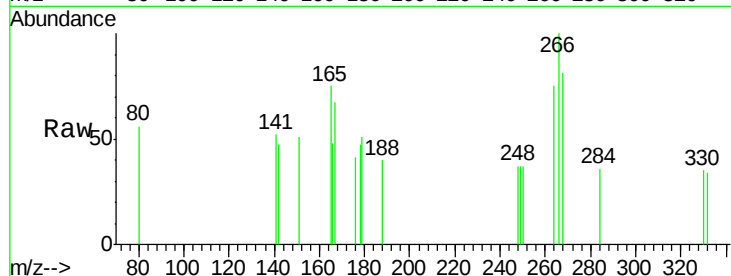




#22
 Pentachlorophenol
 Concen: 0.249 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098160.D
 Acq: 5 Nov 2018 14:06

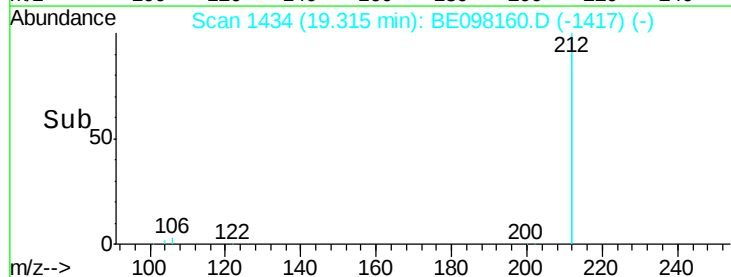
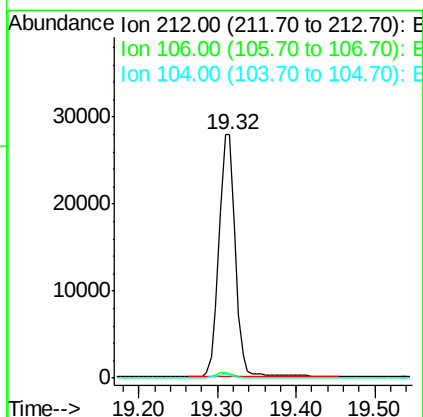
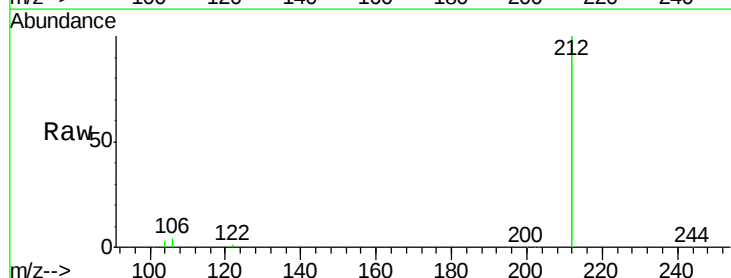
Instrument :
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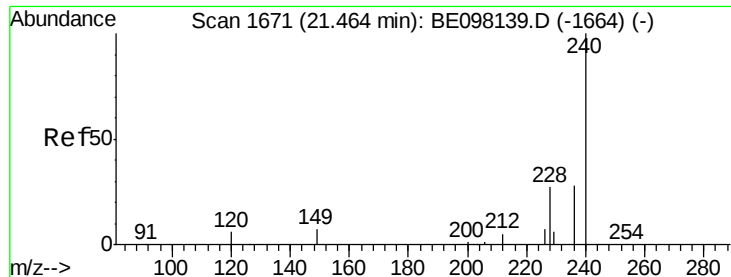
Tgt Ion: 266 Resp: 178
 Ion Ratio Lower Upper
 266 100
 264 74.6 51.3 76.9
 268 81.0 50.1 75.1#



#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.32 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098160.D
 Acq: 5 Nov 2018 14:06

Tgt Ion: 212 Resp: 39428
 Ion Ratio Lower Upper
 212 100
 106 2.1 2.3 3.5#
 104 1.3 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: BE098160.D

Acq: 5 Nov 2018 14:06

Instrument :

BNA_E

ClientSampleId :

CPS073082

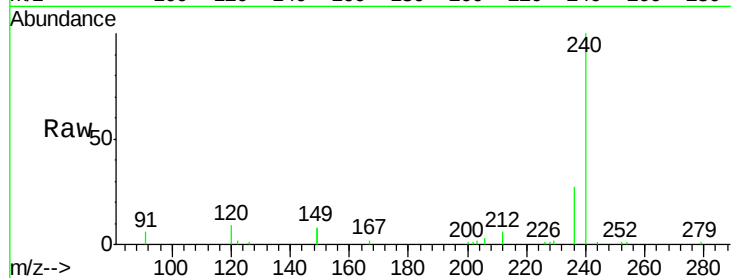
Tgt Ion:240 Resp: 9357

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

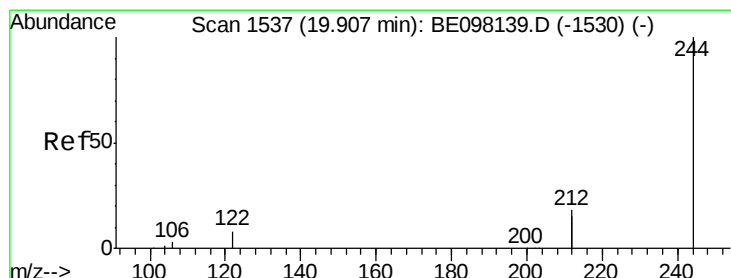
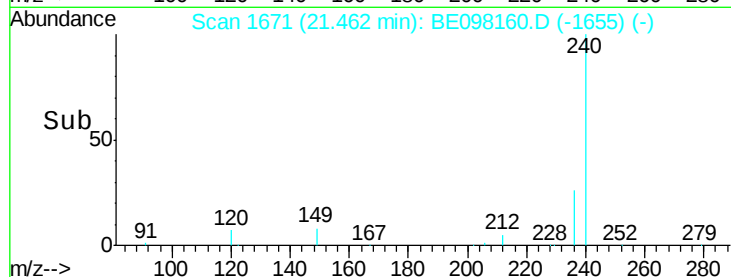
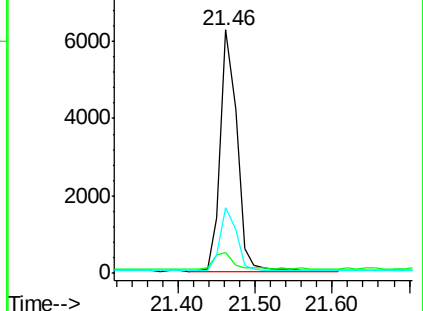
236 27.2 21.3 31.9



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: 0.457 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

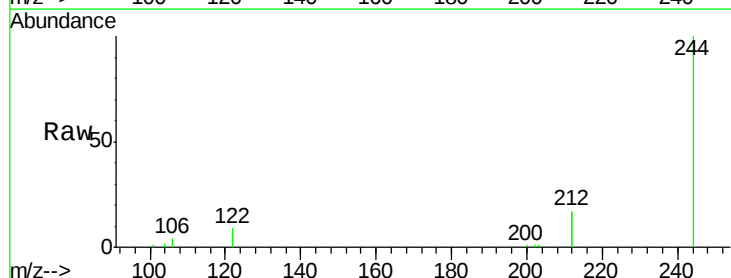
Tgt Ion:244 Resp: 9944

Ion Ratio Lower Upper

244 100

212 34.9 26.2 39.2

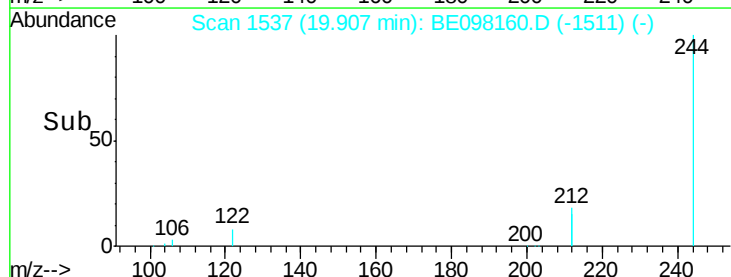
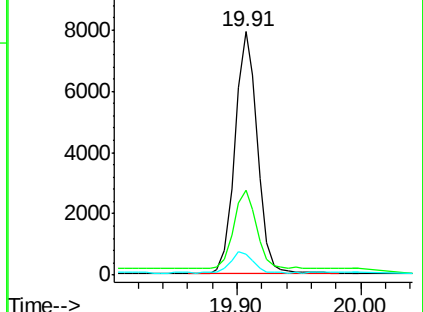
122 8.7 7.7 11.5

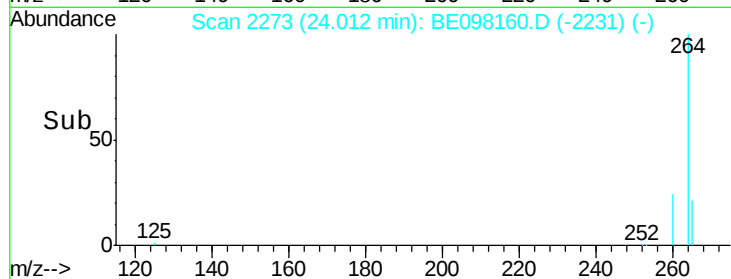
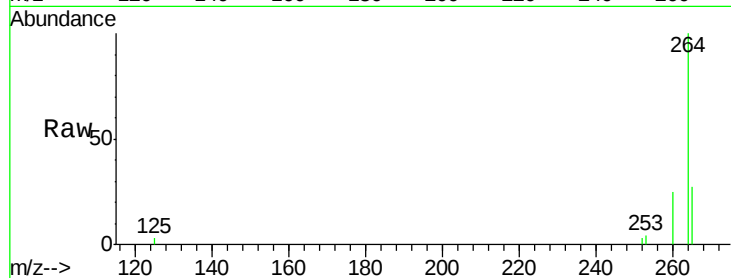
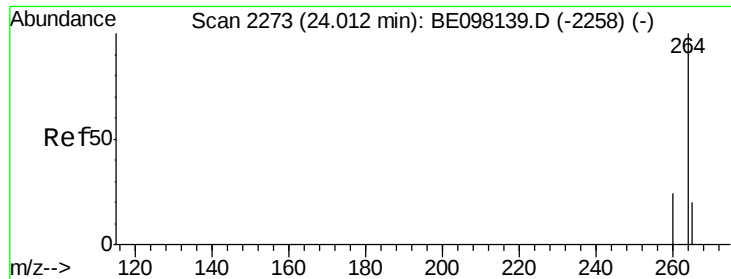


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2273

Delta R.T. 0.00 min

Lab File: BE098160.D

Acq: 5 Nov 2018 14:06

Instrument :

BNA_E

ClientSampleId :

CPS073082

Tgt Ion:264 Resp: 9135

Ion Ratio Lower Upper

264 100

260 24.9 21.1 31.7

265 27.2 29.2 43.8#

