

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098340.D
 Acq On : 11 Dec 2018 19:33
 Operator : SJ/JU
 Sample : J6288-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:23:59 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

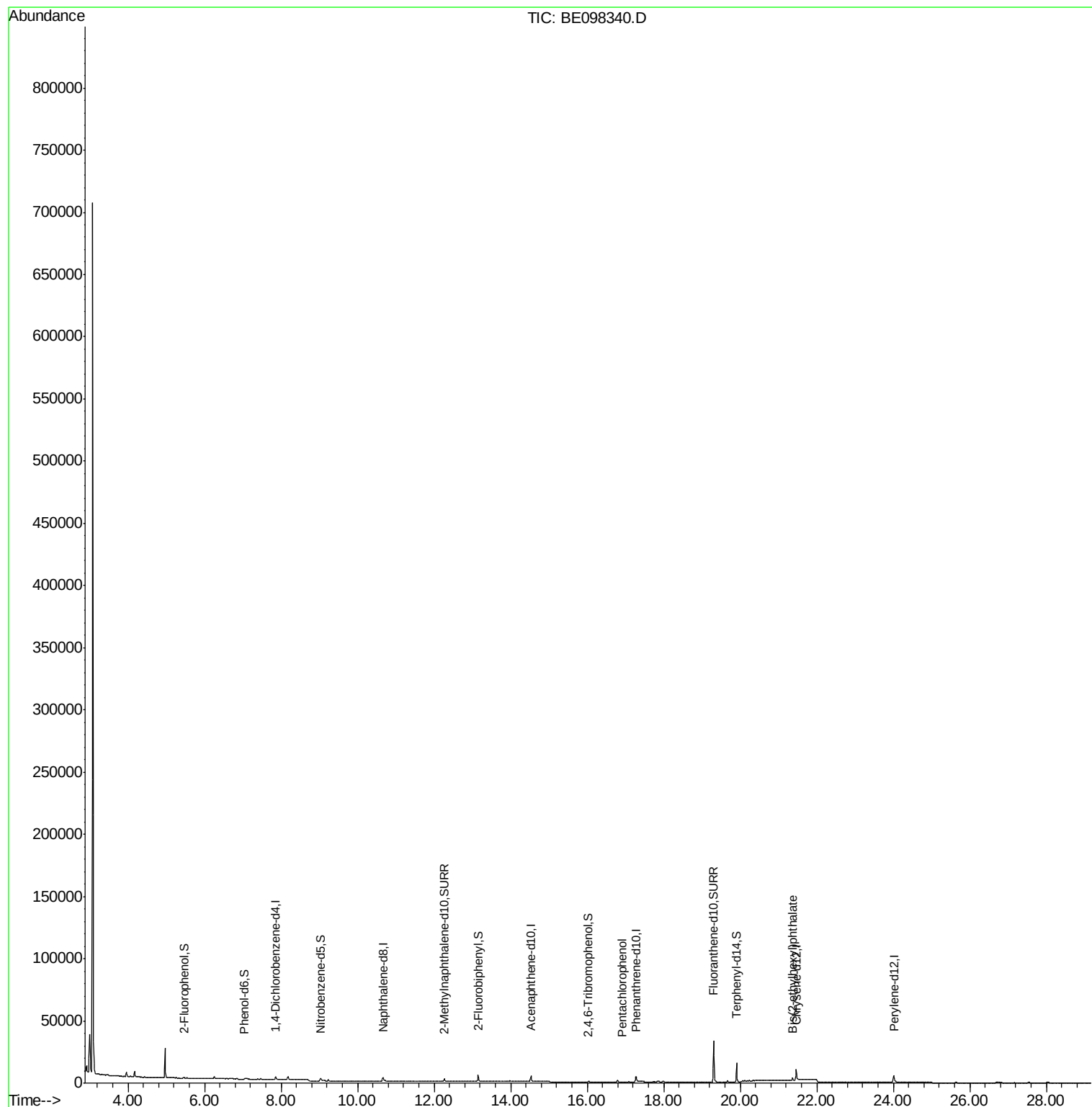
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1121	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4710	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3088	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7951	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9847	0.40	ng	0.00
34) Perylene-d12	24.01	264	9125	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	538	0.21	ng	0.01
5) Phenol-d6	7.05	99	370	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1868	0.44	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3523	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	516	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6118	0.47	ng	0.00
25) Fluoranthene-d10	19.30	212	51374	0.50	ng	0.00
29) Terphenyl-d14	19.90	244	14822	0.62	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.92	266	8	0.027	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.37	149	2384	0.042	ng	# 100

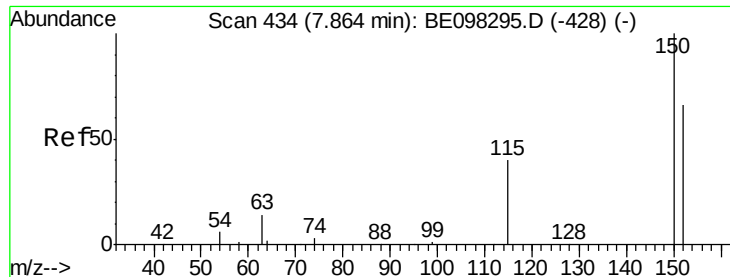
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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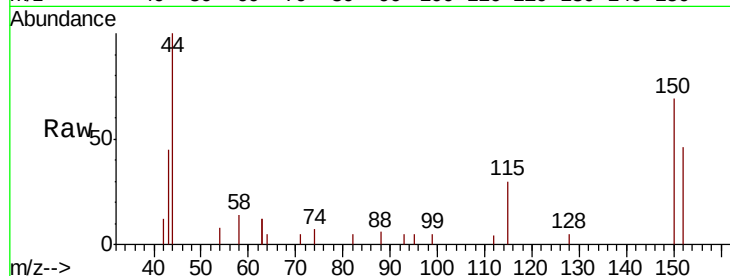


#1

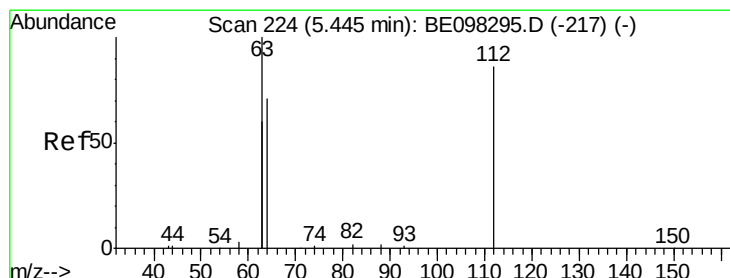
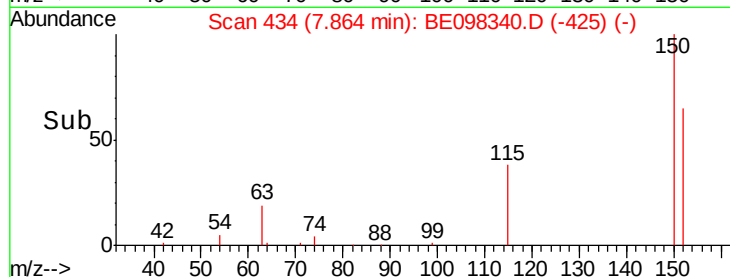
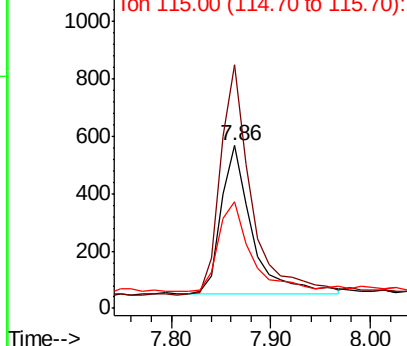
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	124.2	186.4
115	65.6	53.9	80.9



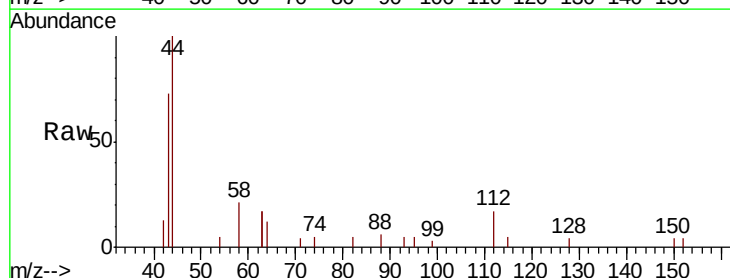
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



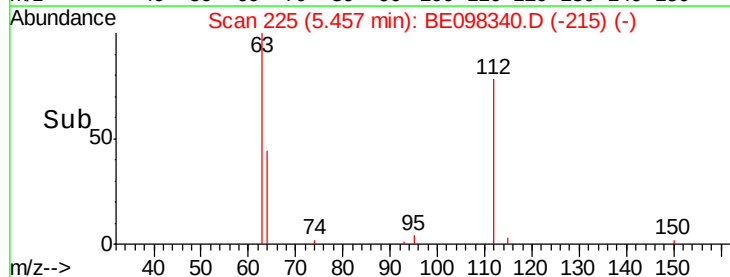
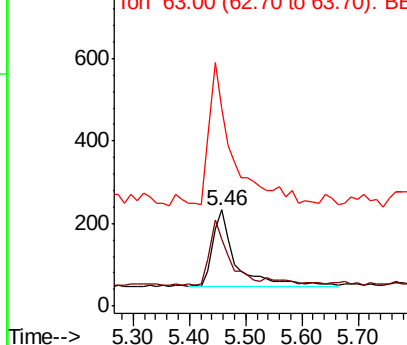
#4

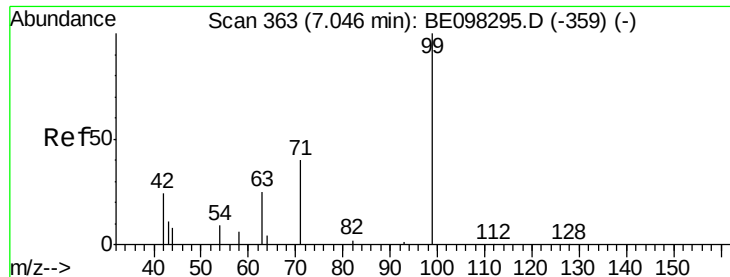
2-Fluorophenol
 Concen: 0.205 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	59.8	89.8
63	181.4	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: 0.100 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Instrument :

BNA_E

ClientSampled :

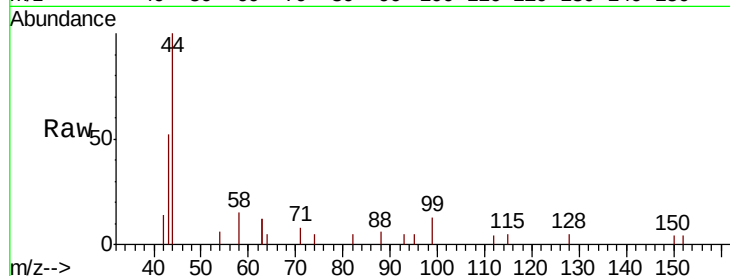
Tot Ion: 99 Resp: 370

Ion Ratio Lower Upper

99 100

42 47.6 26.3 39.5#

71 43.5 33.6 50.4

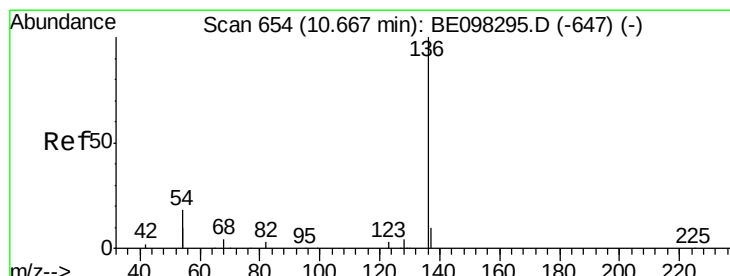
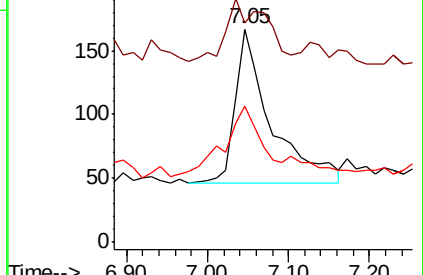
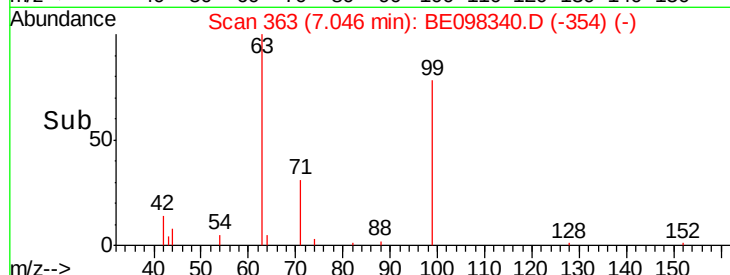


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098340.D

Acq: 11 Dec 2018 19:33

Tgt Ion: 136 Resp: 4710

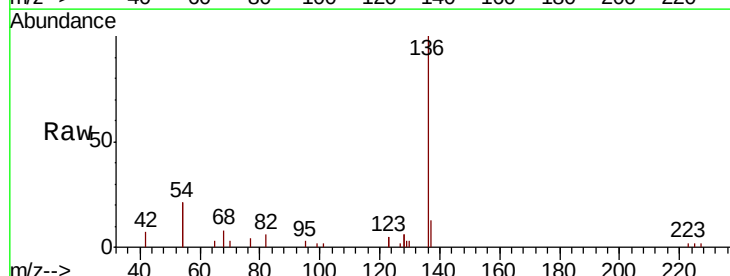
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 42.7 28.4 42.6#

68 8.1 5.4 8.0#



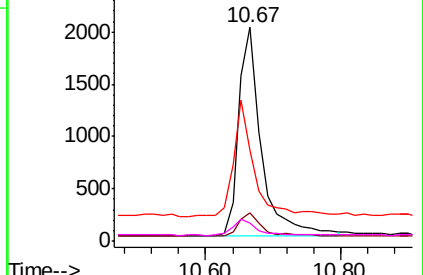
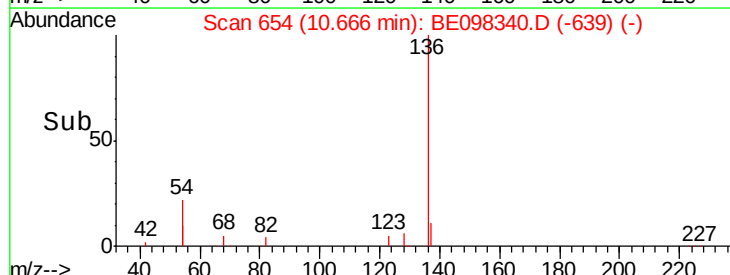
Abundance Ion 136.00 (135.70 to 136.70): E

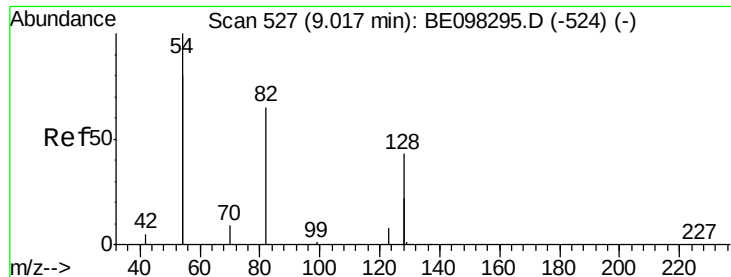
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

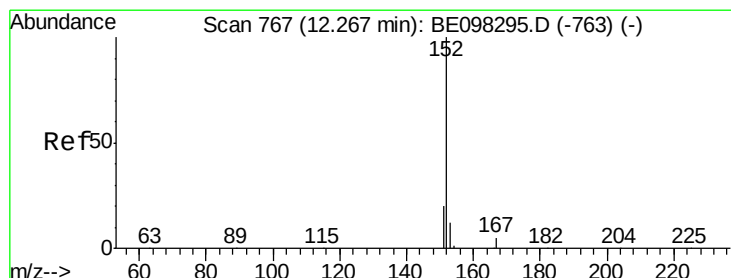
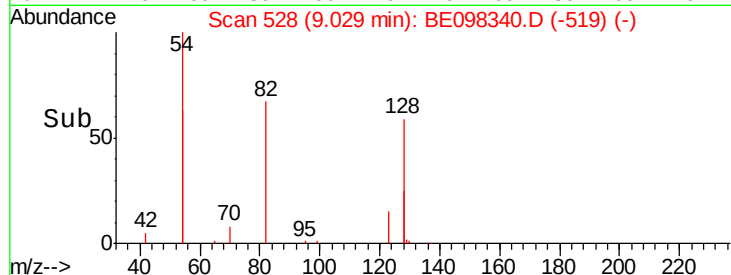
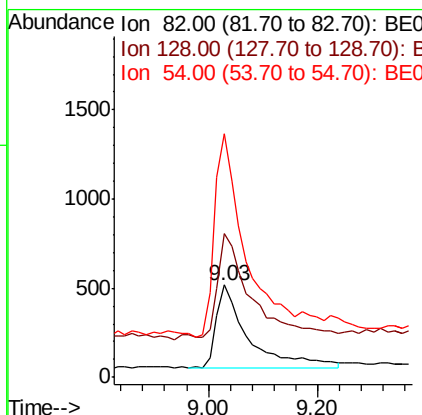
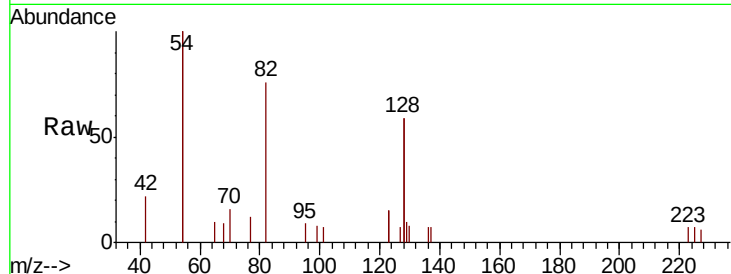




#8
 Nitrobenzene-d5
 Concen: 0.436 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

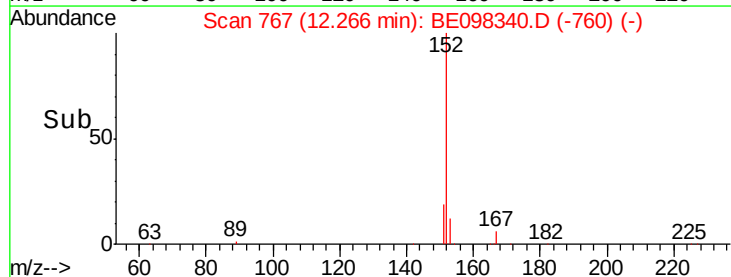
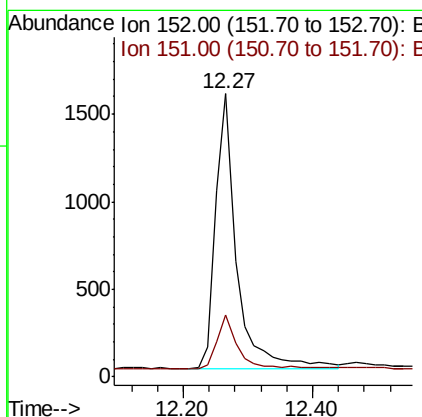
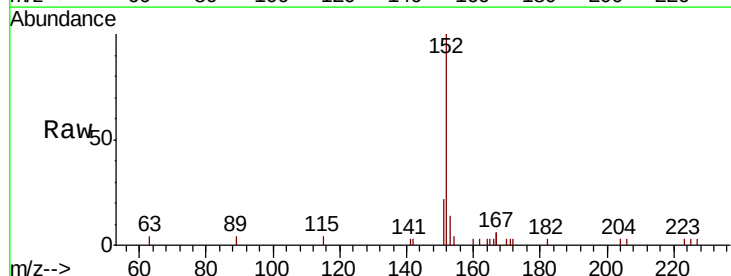
Instrument :
 BNA_E
 ClientSampleId :

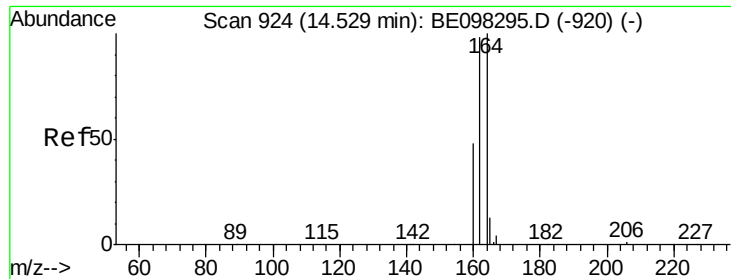
Tot Ion	82	Resp	1868
Ion Ratio	Lower	Upper	
82	100		
128	155.9	102.4	153.6#
54	264.2	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.460 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Tgt Ion	152	Resp	3523
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4

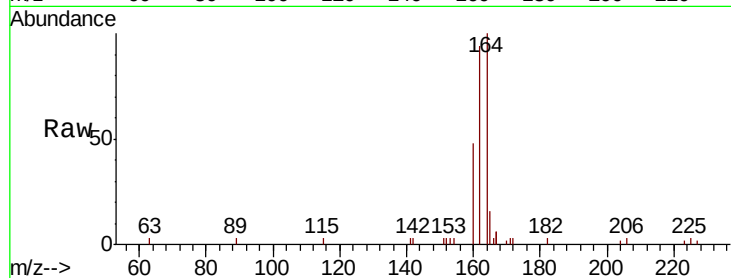




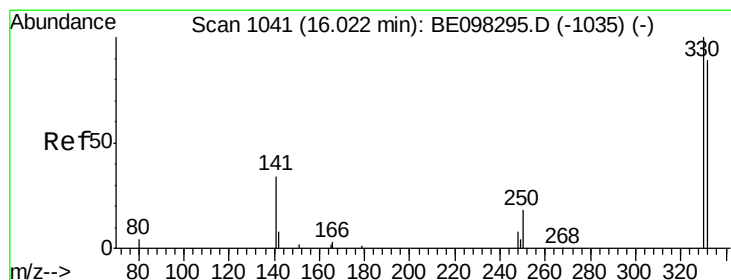
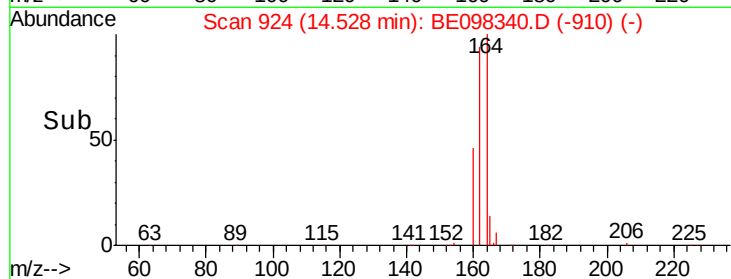
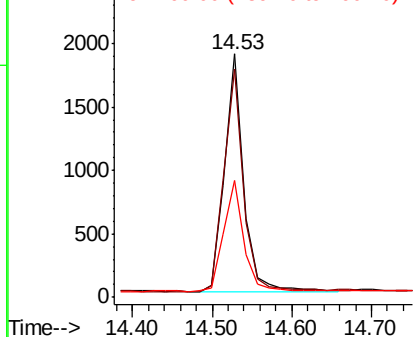
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3088
 Ion Ratio Lower Upper
 164 100
 162 93.6 77.6 116.4
 160 47.8 36.0 54.0

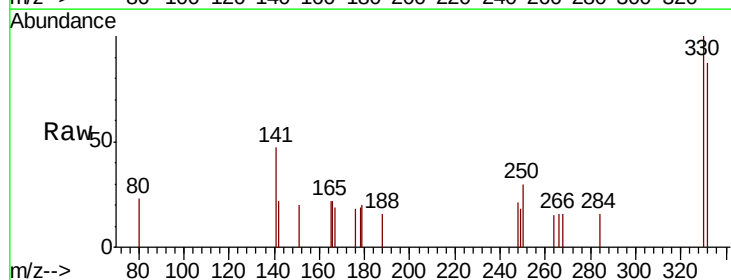


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

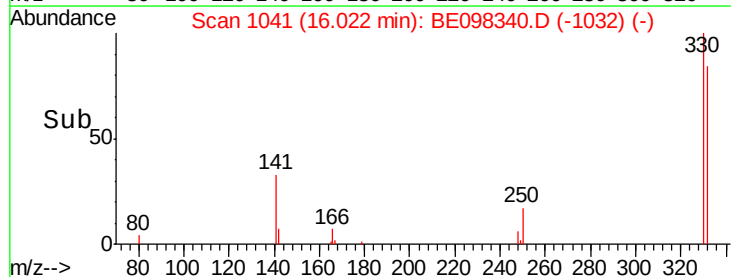
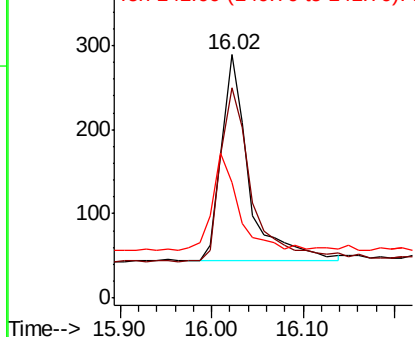


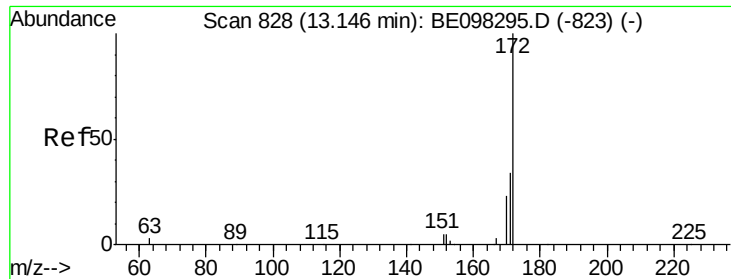
#14
 2,4,6-Tribromophenol
 Concen: 0.455 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Tgt Ion:330 Resp: 516
 Ion Ratio Lower Upper
 330 100
 332 100.8 76.2 114.4
 141 45.5 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

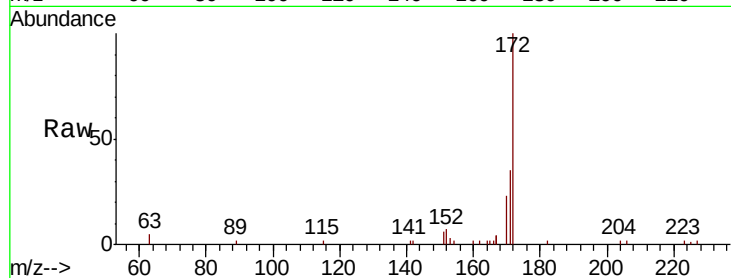




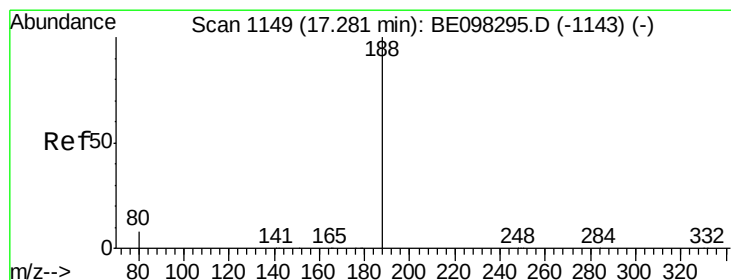
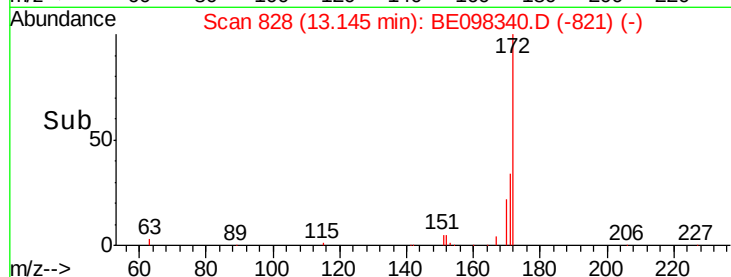
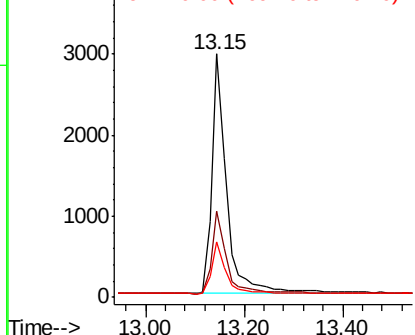
#15
2-Fluorobiphenyl
Concen: 0.470 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098340.D
Acq: 11 Dec 2018 19:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6118
Ion Ratio Lower Upper
172 100
171 35.3 27.5 41.3
170 22.8 19.6 29.4

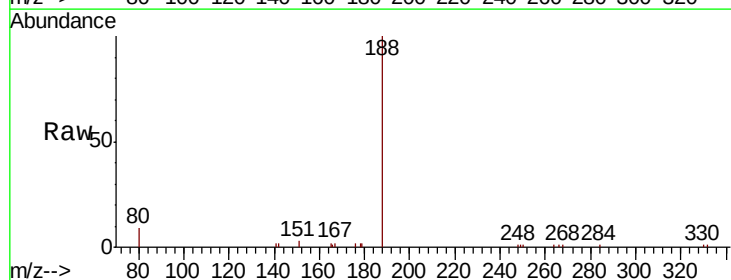


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

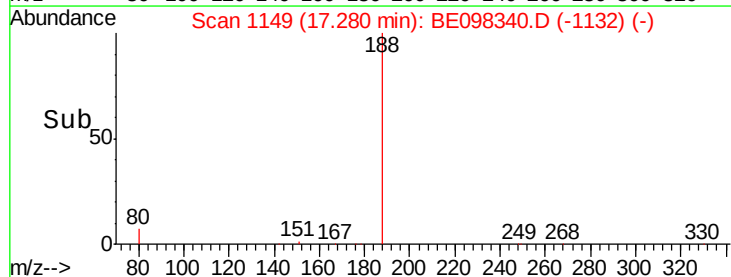
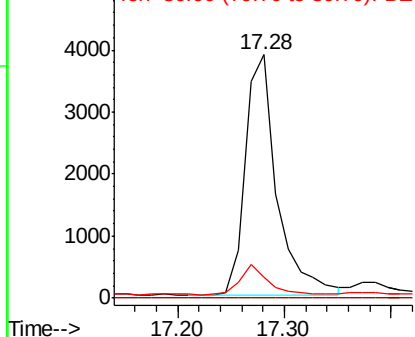


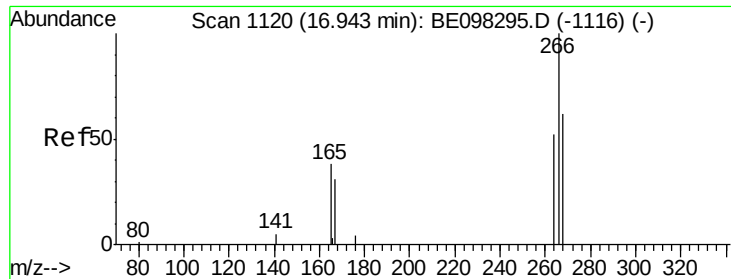
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098340.D
Acq: 11 Dec 2018 19:33

Tgt Ion:188 Resp: 7951
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 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: 0.027 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Instrument :

BNA_E

ClientSampleId :

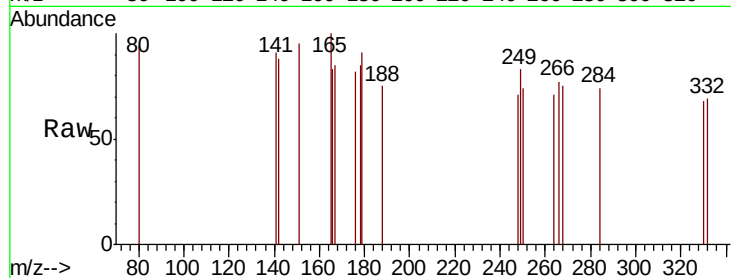
Tot Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 92.0 59.0 88.4#

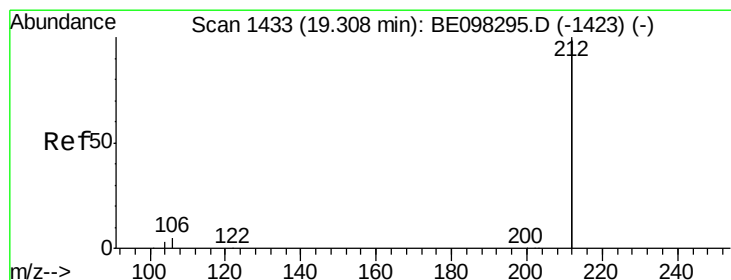
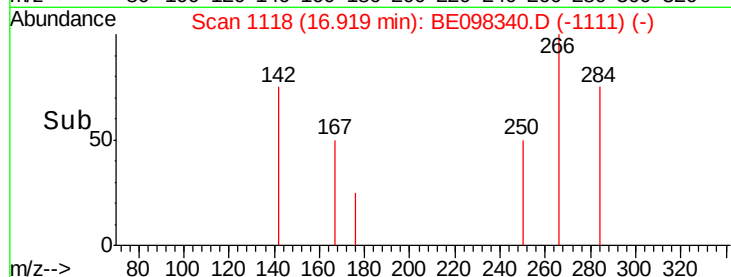
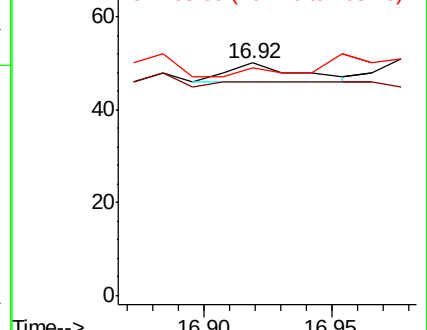
268 98.0 55.1 82.7#



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



#25

Fluoranthene-d10

Concen: 0.504 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

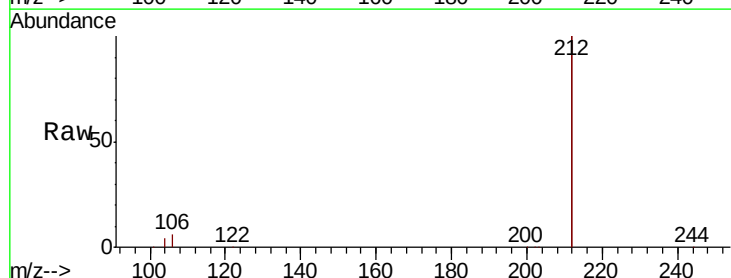
Tgt Ion:212 Resp: 51374

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

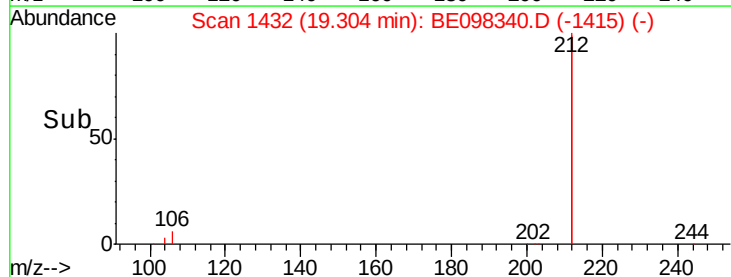
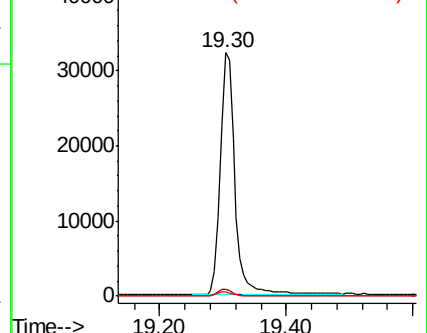
104 1.5 1.3 1.9

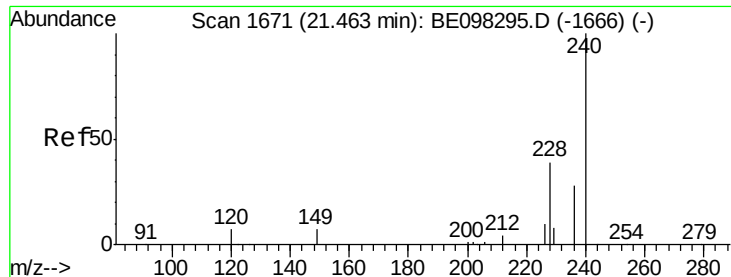


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Instrument :

BNA_E

ClientSampled :

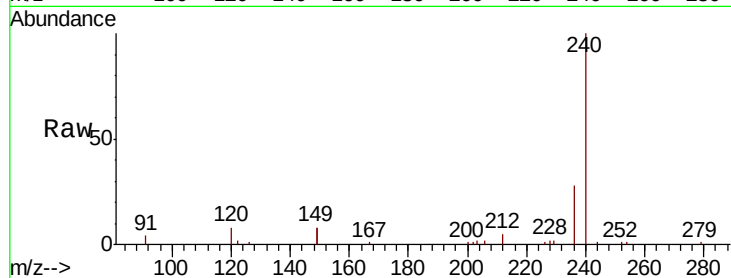
Tot Ion:240 Resp: 9847

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

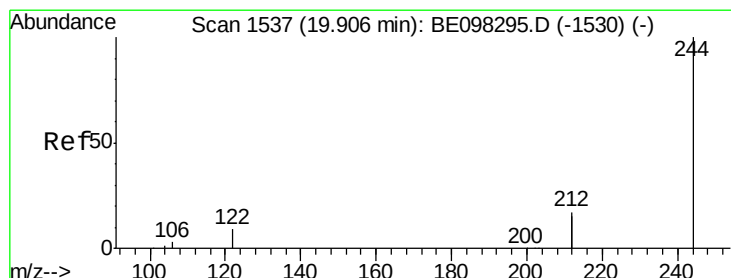
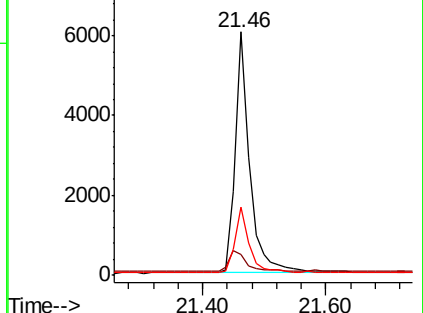
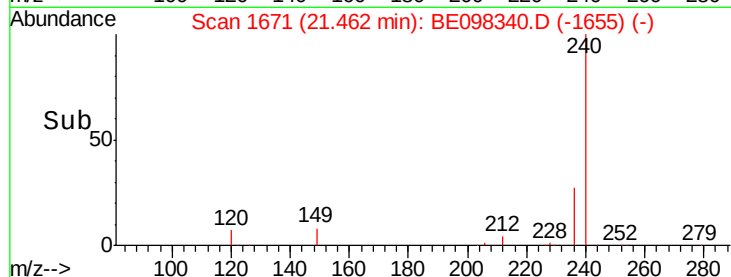
236 28.1 22.7 34.1



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: 0.619 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

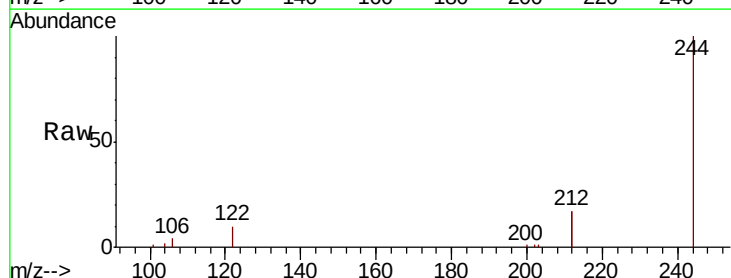
Tgt Ion:244 Resp: 14822

Ion Ratio Lower Upper

244 100

212 33.1 27.4 41.0

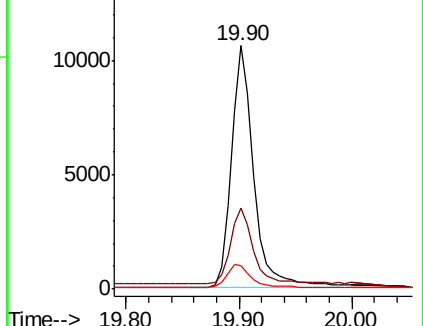
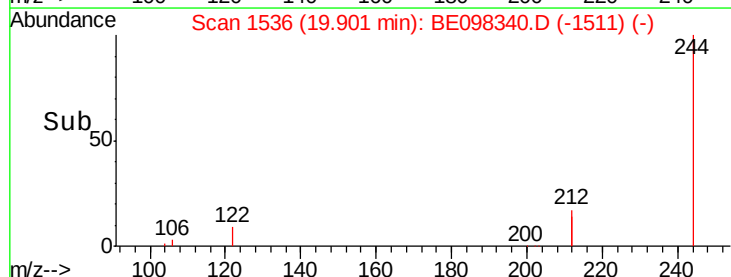
122 9.8 8.3 12.5

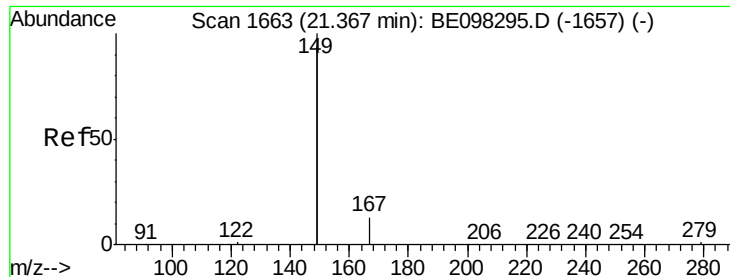


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

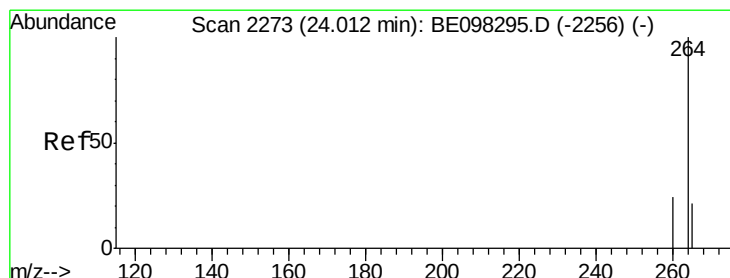
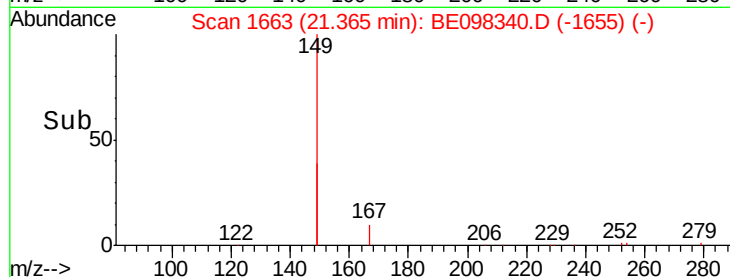
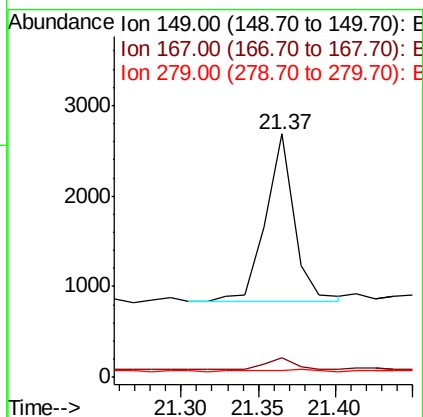
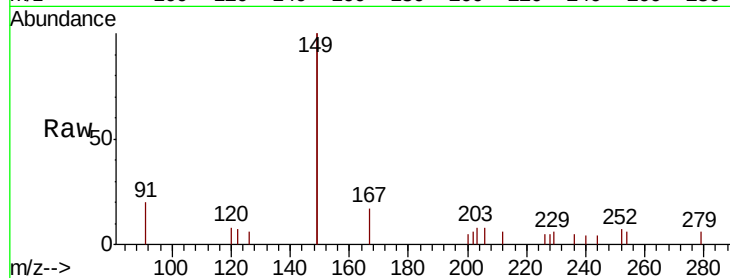




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2384
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.7 8.5
 279 2.1 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098340.D
 Acq: 11 Dec 2018 19:33

Tgt Ion:264 Resp: 9125
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 29.3 25.2 37.8

