

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098550.D
 Acq On : 21 Dec 2018 12:14
 Operator : SJ/JU
 Sample : J6398-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 21 15:28:47 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

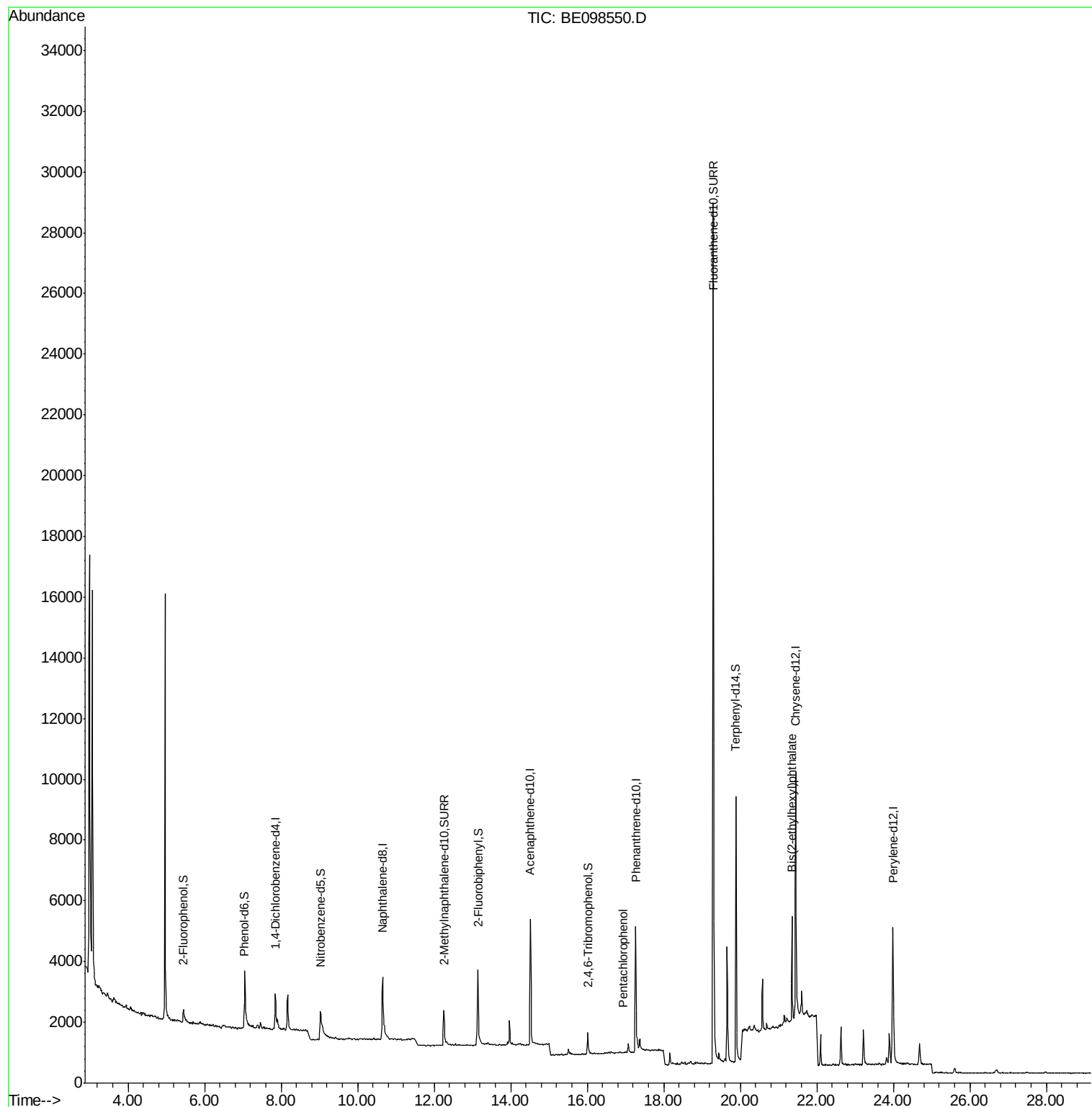
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	729	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3201	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2521	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	7178	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	9428	0.40	ng	-0.01
34) Perylene-d12	23.99	264	7581	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	385	0.23	ng	0.00
5) Phenol-d6	7.03	99	350	0.14	ng	-0.01
8) Nitrobenzene-d5	9.03	82	871	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2110	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	517	0.56	ng	-0.01
15) 2-Fluorobiphenyl	13.14	172	3712	0.35	ng	0.00
25) Fluoranthene-d10	19.30	212	41744	0.45	ng	-0.01
29) Terphenyl-d14	19.89	244	8642	0.38	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.94	266	4	0.022	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.35	149	4064	0.075	ng	# 99

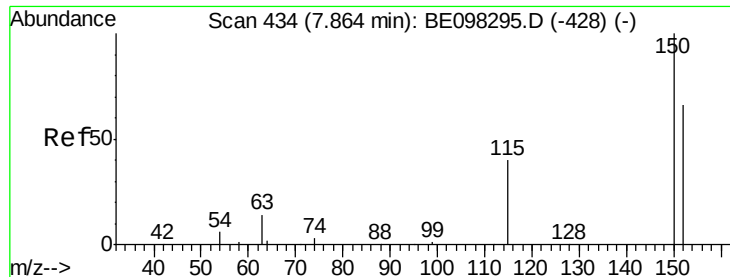
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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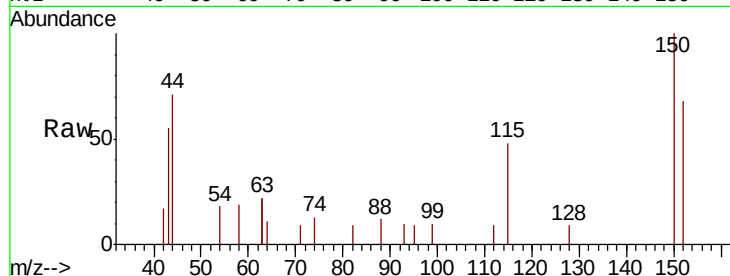


#1

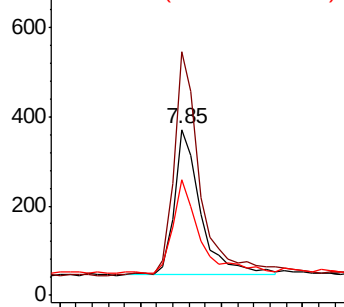
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098550.D
Acq: 21 Dec 2018 12:14

Instrument :
BNA_E
ClientSampleId :

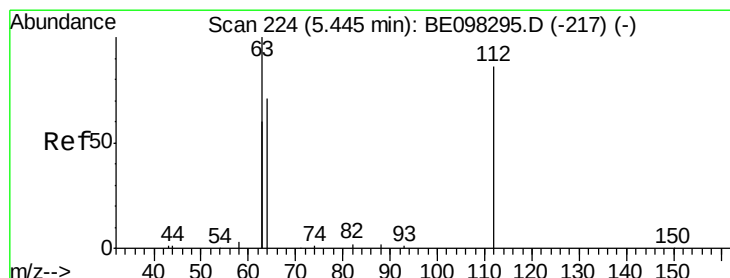
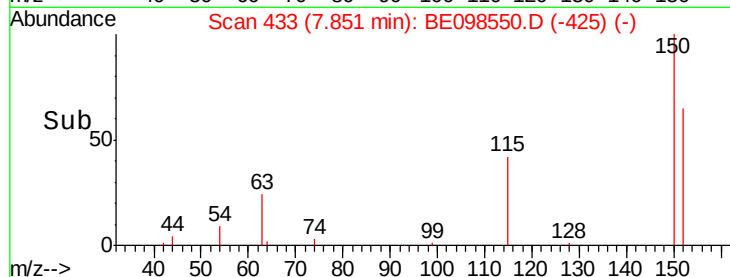
Tot Ion:152 Resp: 729
Ion Ratio Lower Upper
152 100
150 146.6 124.2 186.4
115 69.8 53.9 80.9



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



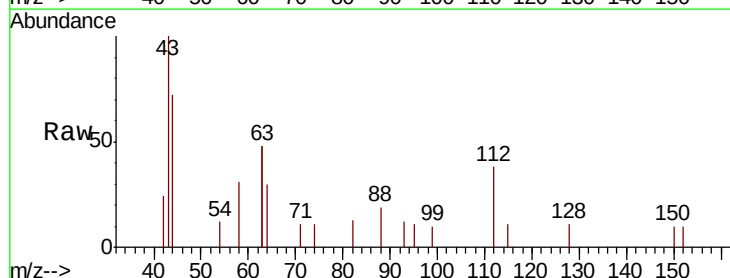
Time--> 7.70 7.80 7.90 8.00



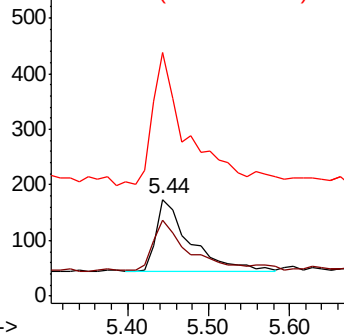
#4

2-Fluorophenol
Concen: 0.226 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098550.D
Acq: 21 Dec 2018 12:14

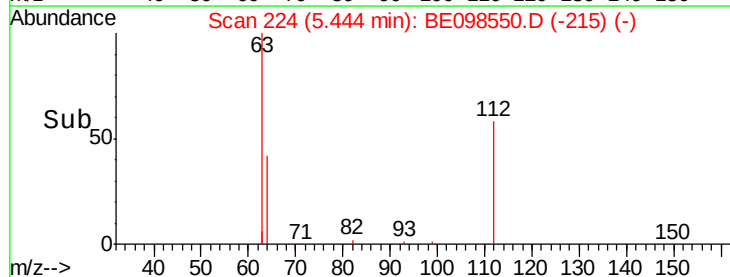
Tgt Ion:112 Resp: 385
Ion Ratio Lower Upper
112 100
64 69.4 59.8 89.8
63 181.0 133.7 200.5

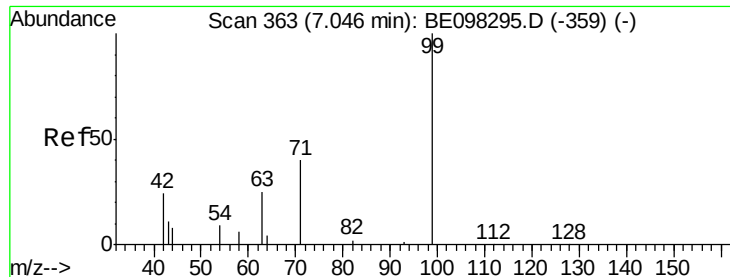


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.40 5.50 5.60





#5

Phenol-d6

Concen: 0.145 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098550.D

Acq: 21 Dec 2018 12:14

Instrument :

BNA_E

ClientSampled :

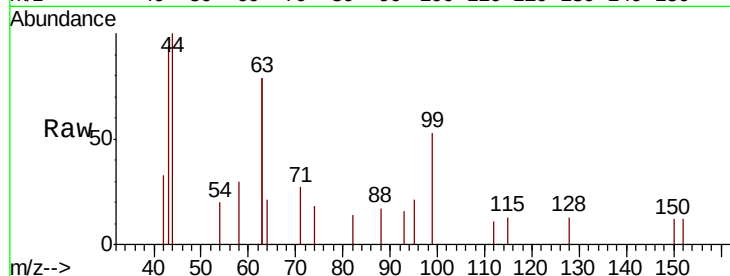
Tot Ion: 99 Resp: 350

Ion Ratio Lower Upper

99 100

42 65.7 26.3 39.5#

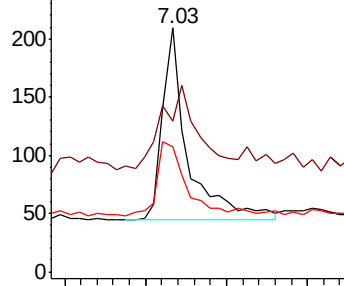
71 0.0 33.6 50.4#



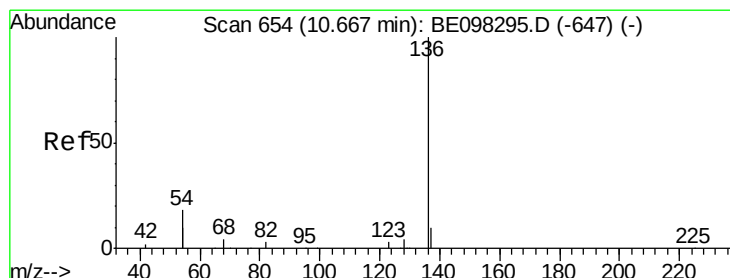
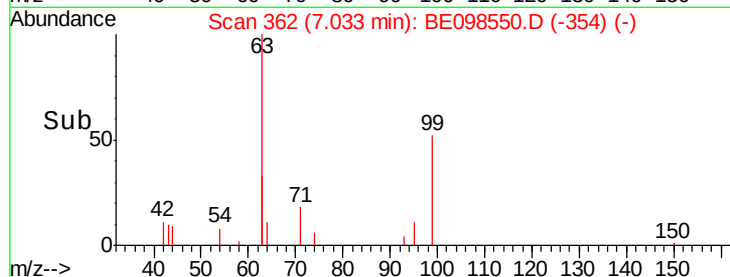
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098550.D

Acq: 21 Dec 2018 12:14

Tgt Ion: 136 Resp: 3201

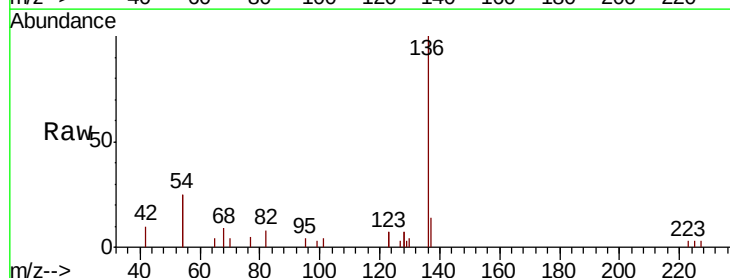
Ion Ratio Lower Upper

136 100

137 13.8 9.2 13.8#

54 50.5 28.4 42.6#

68 9.0 5.4 8.0#

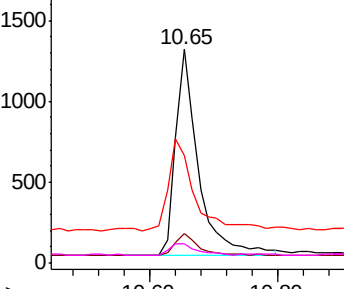


Abundance Ion 136.00 (135.70 to 136.70): E

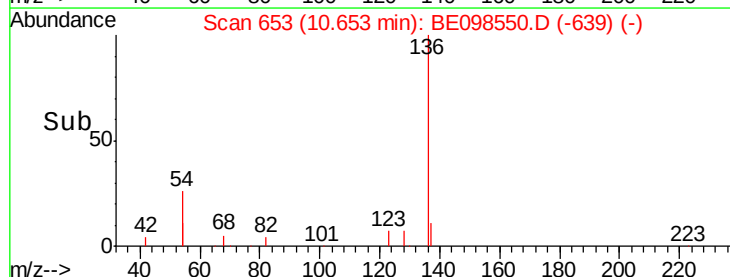
Ion 137.00 (136.70 to 137.70): E

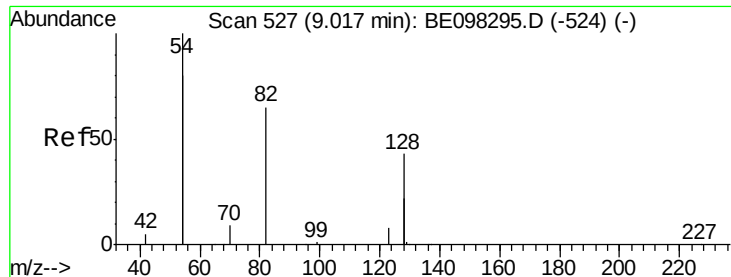
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

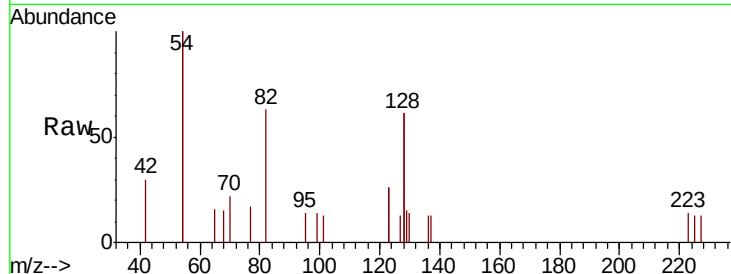




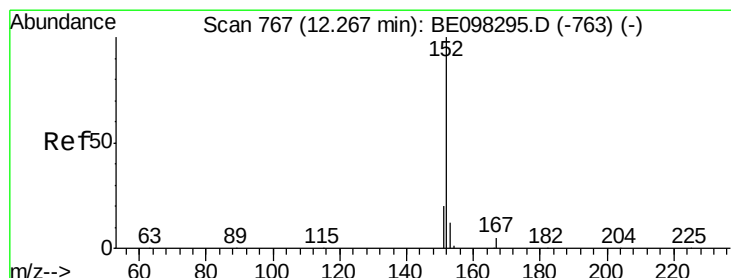
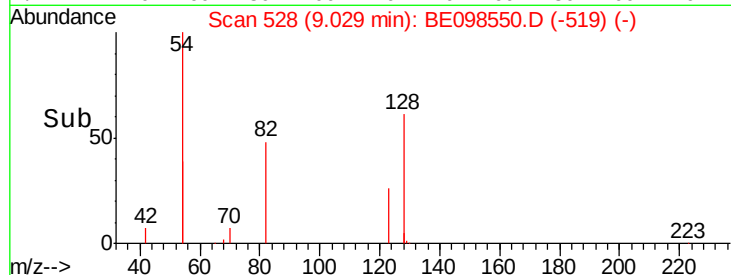
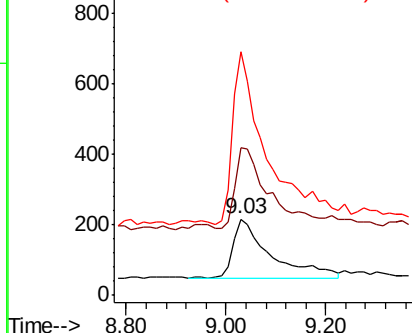
#8
 Nitrobenzene-d5
 Concen: 0.299 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098550.D
 Acq: 21 Dec 2018 12:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	193.5	102.4	153.6
54	319.4	221.8	332.8

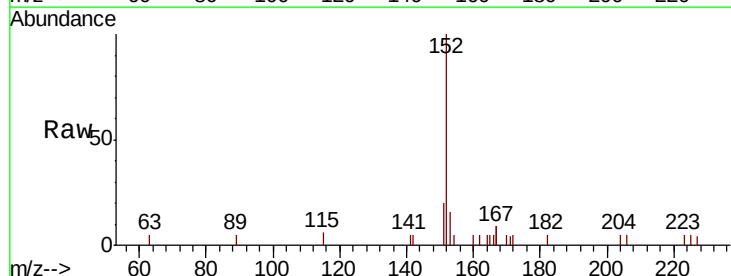


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

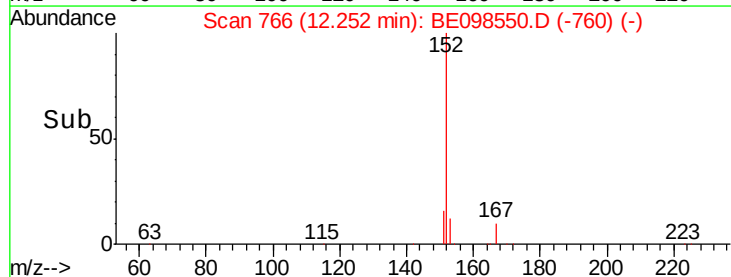
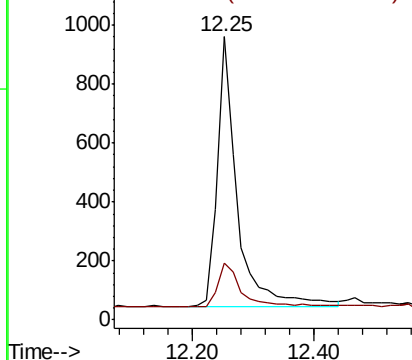


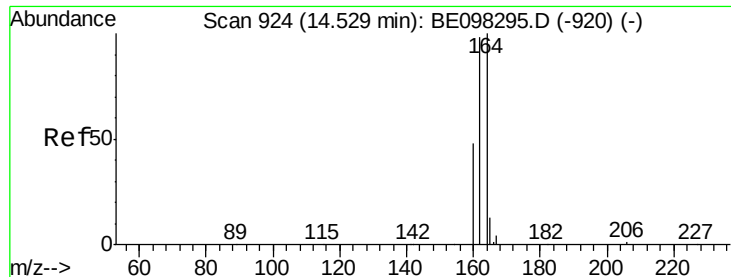
#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098550.D
 Acq: 21 Dec 2018 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.2	24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

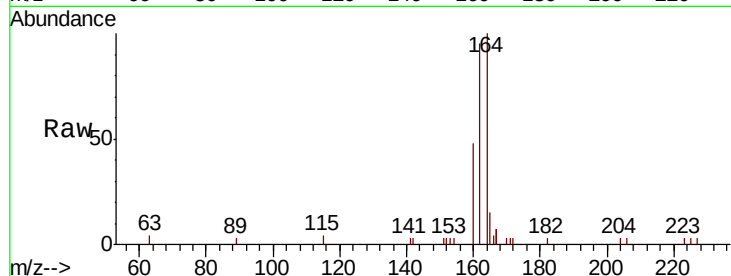




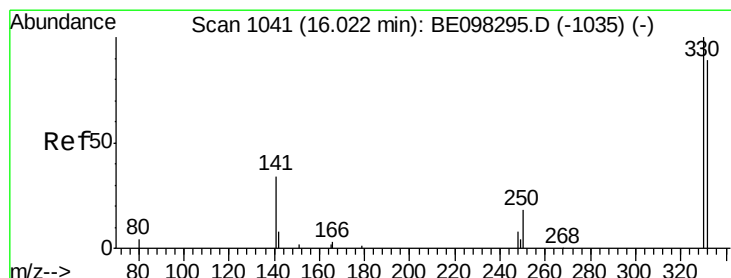
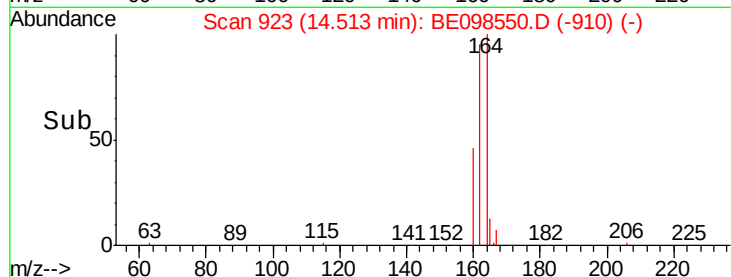
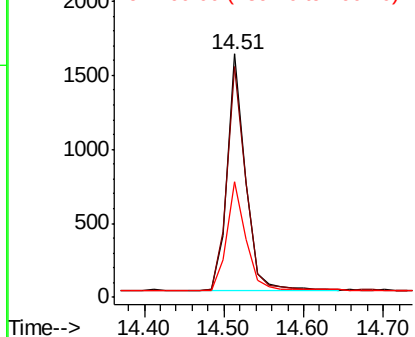
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098550.D
Acq: 21 Dec 2018 12:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2521
Ion Ratio Lower Upper
164 100
162 94.6 77.6 116.4
160 47.6 36.0 54.0

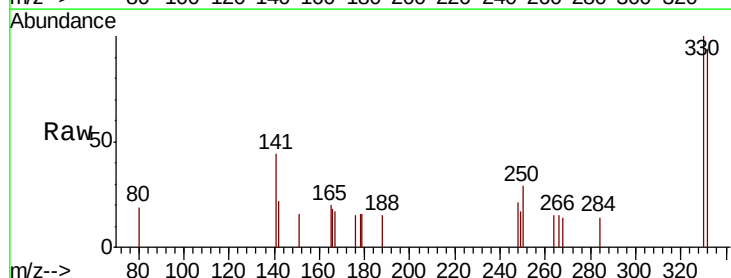


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

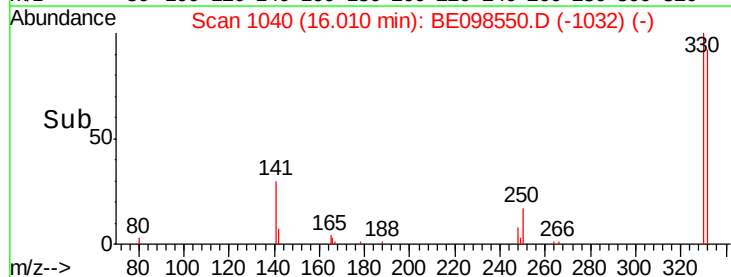
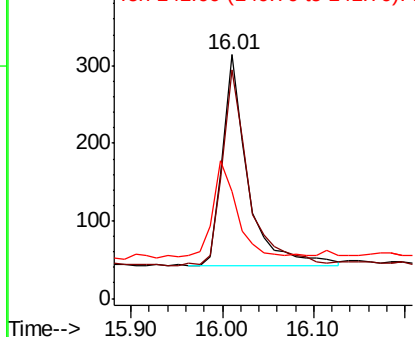


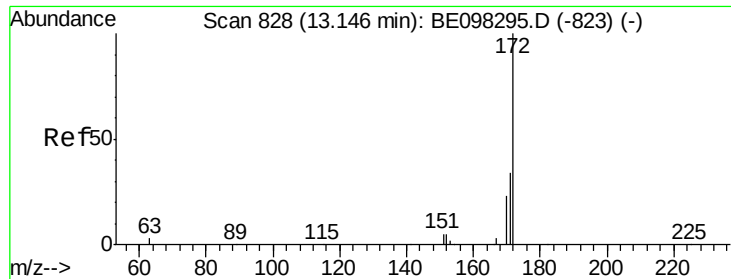
#14
2,4,6-Tribromophenol
Concen: 0.559 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098550.D
Acq: 21 Dec 2018 12:14

Tgt Ion:330 Resp: 517
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 45.8 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

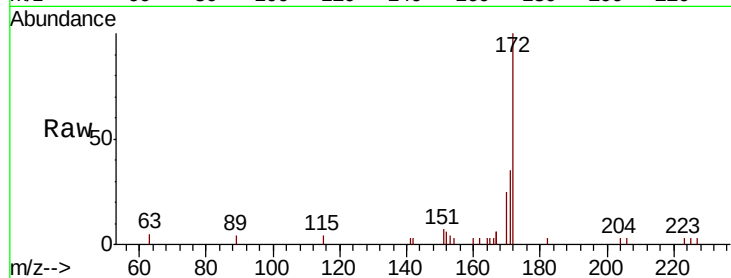




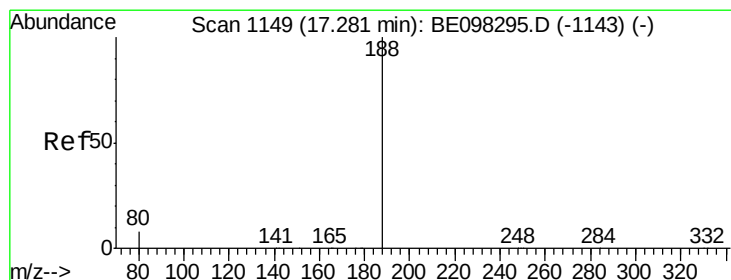
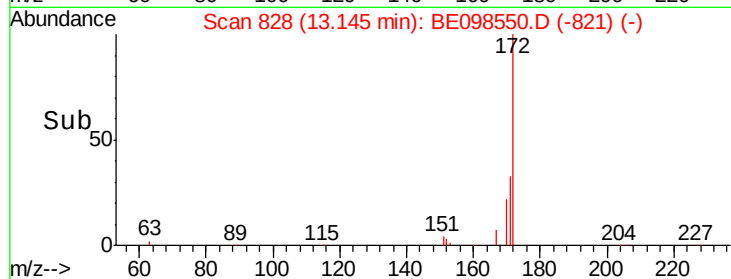
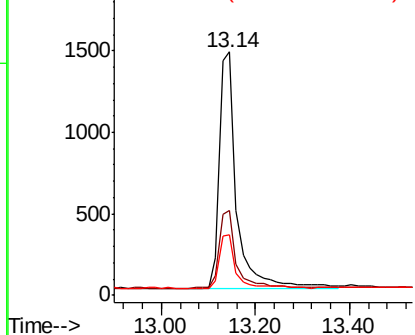
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098550.D
Acq: 21 Dec 2018 12:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3712
Ion Ratio Lower Upper
172 100
171 35.0 27.5 41.3
170 24.8 19.6 29.4

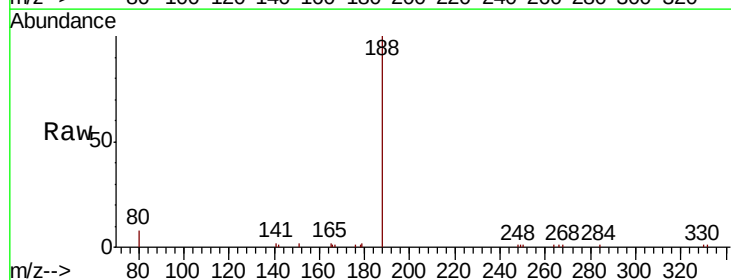


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

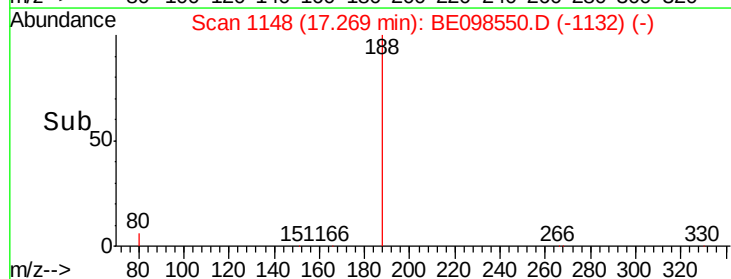
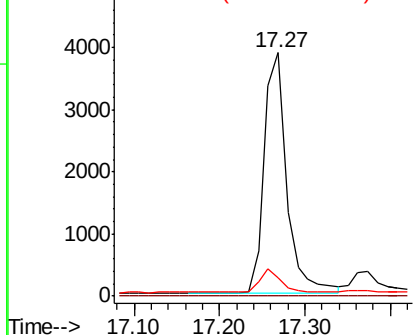


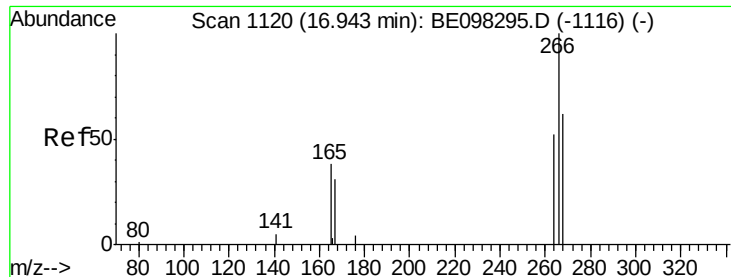
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098550.D
Acq: 21 Dec 2018 12:14

Tgt Ion:188 Resp: 7178
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 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: 0.022 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098550.D

Acq: 21 Dec 2018 12:14

Instrument :

BNA_E

ClientSampled :

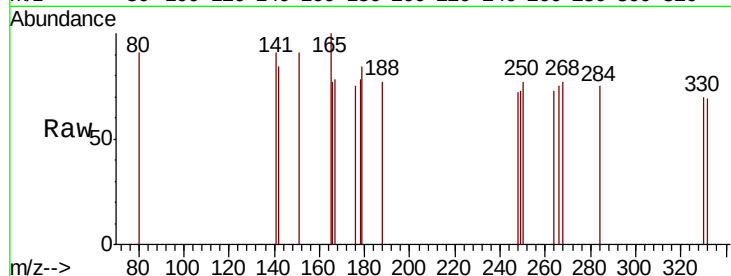
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

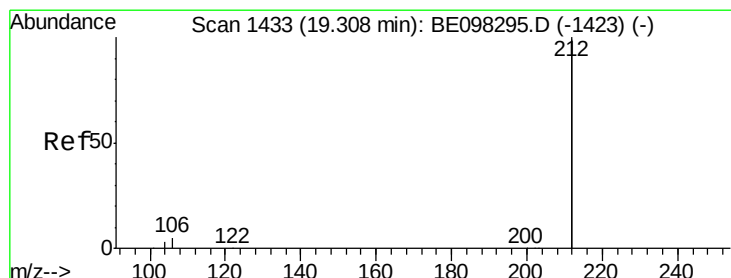
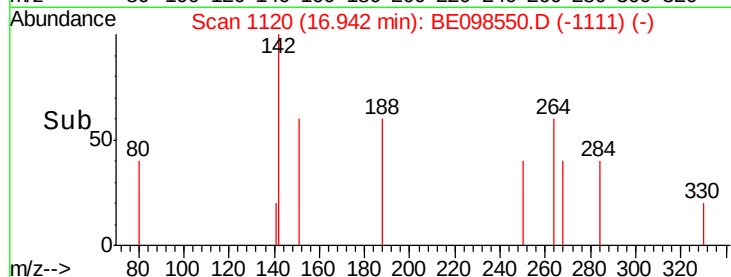
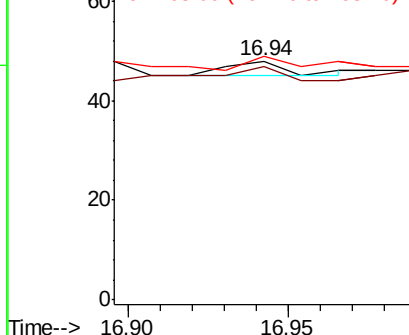
266 100

264 97.9 59.0 88.4#

268 102.1 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: 0.453 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098550.D

Acq: 21 Dec 2018 12:14

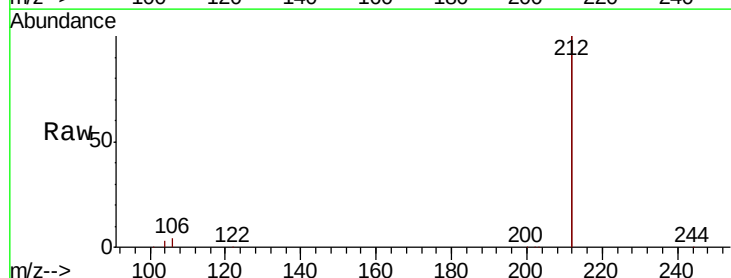
Tgt Ion:212 Resp: 41744

Ion Ratio Lower Upper

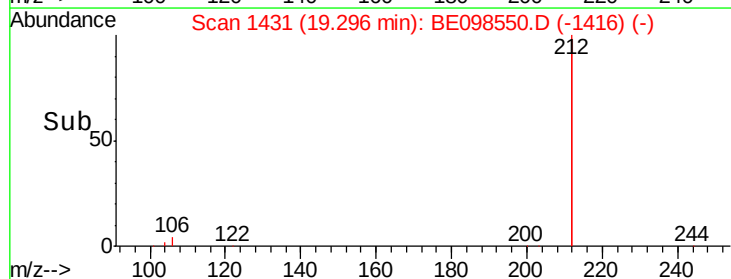
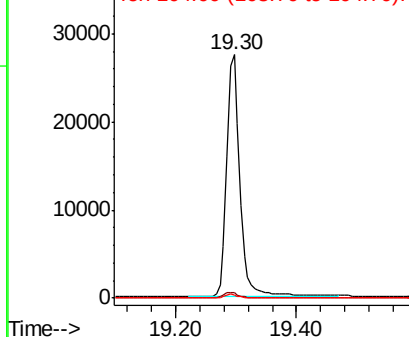
212 100

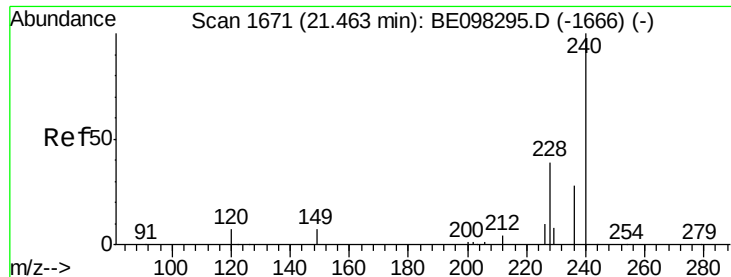
106 2.2 2.2 3.2

104 1.4 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

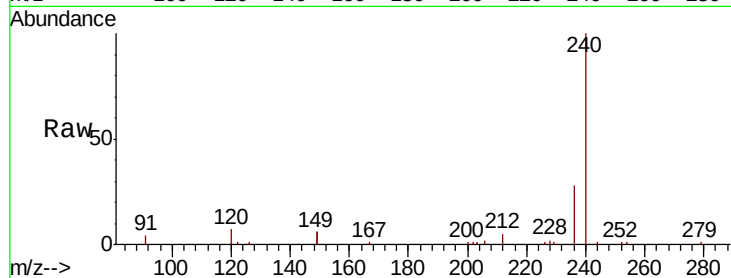




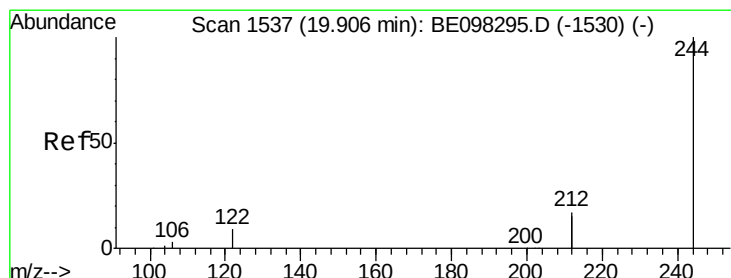
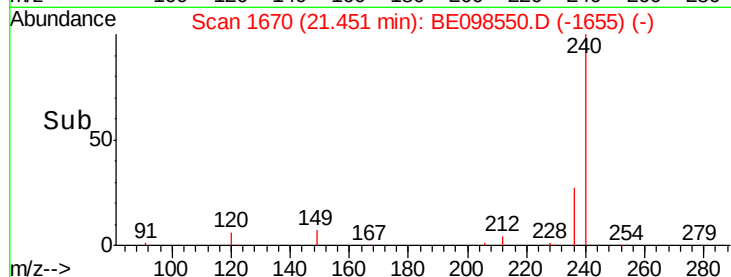
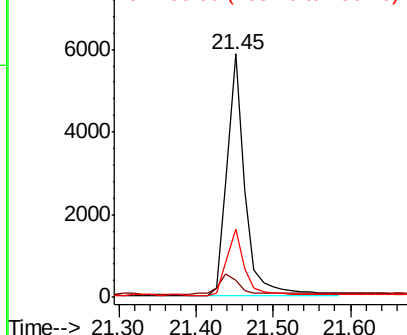
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098550.D
 Acq: 21 Dec 2018 12:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 9428
 Ion Ratio Lower Upper
 240 100
 120 7.1 9.5 14.3#
 236 27.9 22.7 34.1

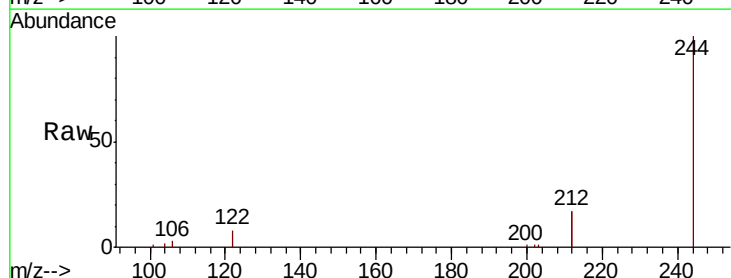


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

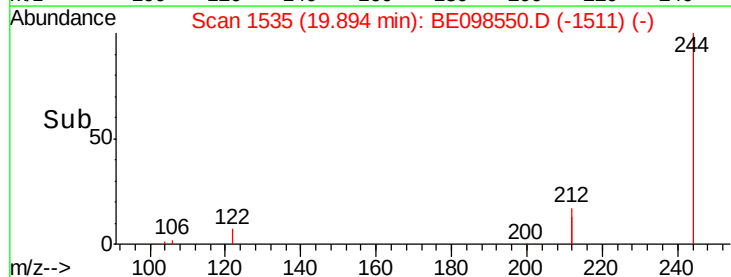
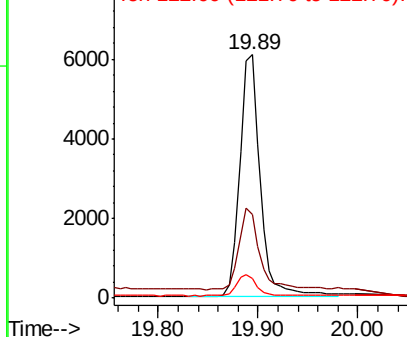


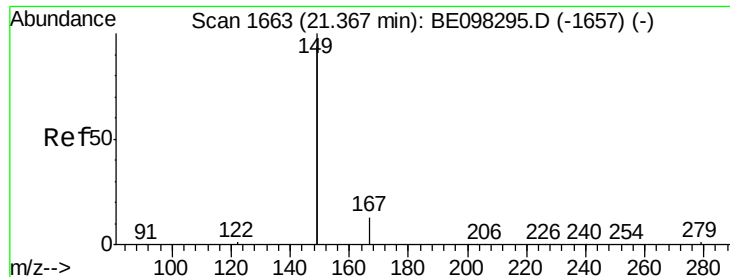
#29
 Terphenyl-d14
 Concen: 0.377 ng
 RT: 19.89 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098550.D
 Acq: 21 Dec 2018 12:14

Tgt Ion:244 Resp: 8642
 Ion Ratio Lower Upper
 244 100
 212 34.6 27.4 41.0
 122 8.2 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: 0.075 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098550.D

Acq: 21 Dec 2018 12:14

Instrument :

BNA_E

ClientSampleId :

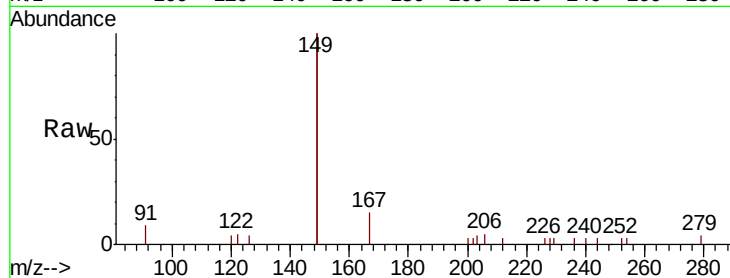
Tot Ion:149 Resp: 4064

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

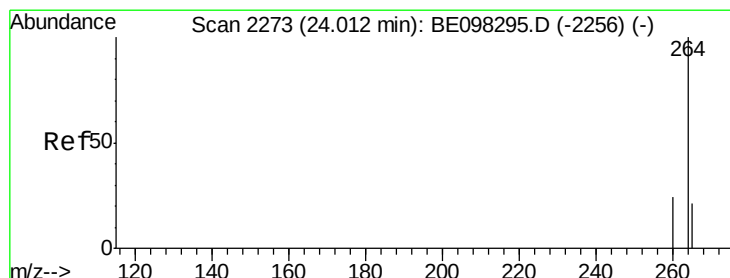
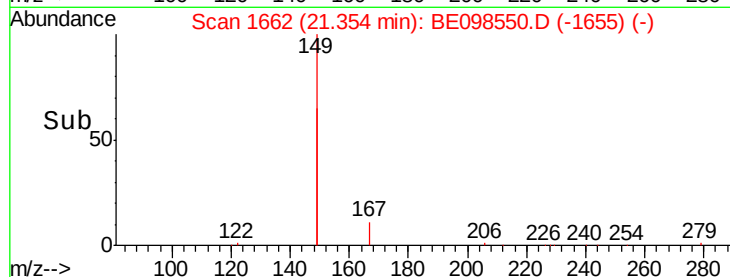
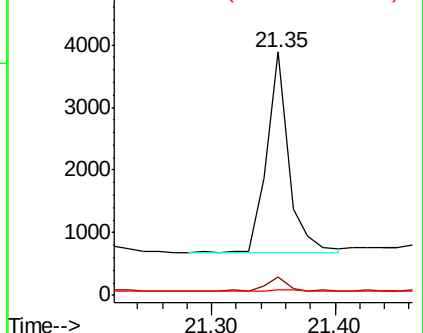
279 0.9 1.0 1.4#



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. -0.03 min

Lab File: BE098550.D

Acq: 21 Dec 2018 12:14

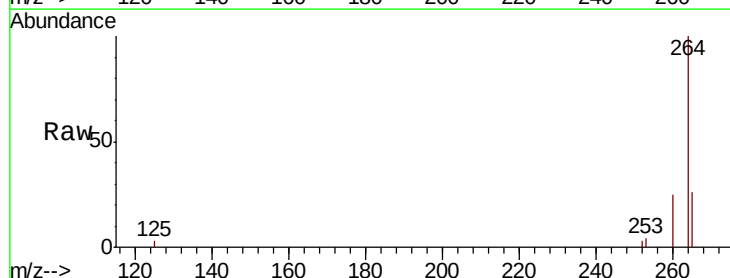
Tgt Ion:264 Resp: 7581

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 26.3 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

