

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098850.D
 Acq On : 9 Mar 2019 2:07
 Operator : JU/SJ
 Sample : K1793-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20190306

Quant Time: Mar 09 03:52:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

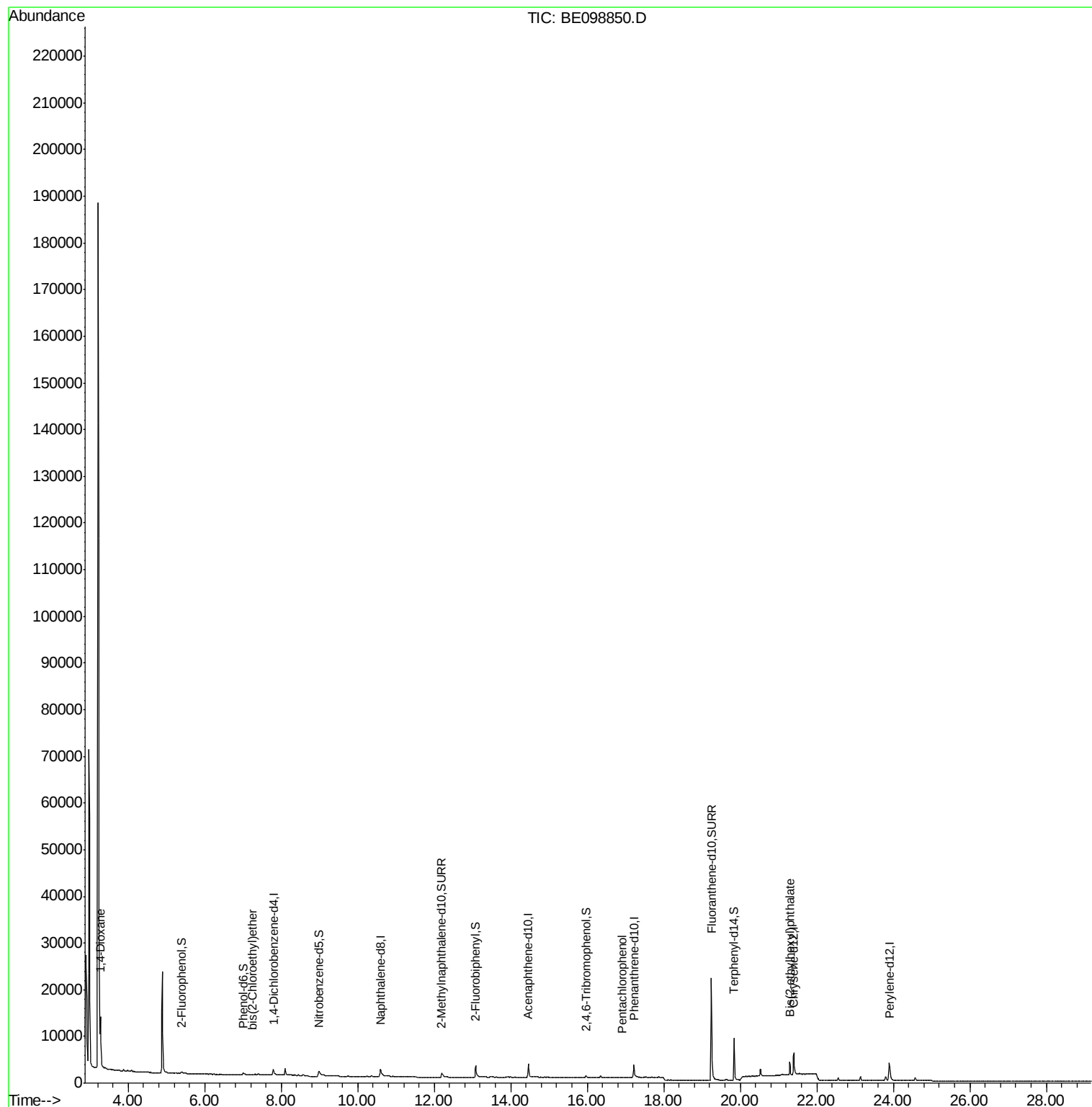
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	763	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3017	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2119	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5560	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6632	0.40	ng	0.00
34) Perylene-d12	23.90	264	6462	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	328	0.14	ng	0.01
5) Phenol-d6	7.00	99	232	0.07	ng	0.01
8) Nitrobenzene-d5	8.98	82	1263	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2289	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	398	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4051	0.46	ng	0.00
25) Fluoranthene-d10	19.24	212	35193	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	8839	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	5361	4.459	ng	93
6) bis(2-Chloroethyl)ether	7.24	93	59	0.024	ng	# 52
22) Pentachlorophenol	16.91	266	22	0.283	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	3699	0.084	ng	# 99

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

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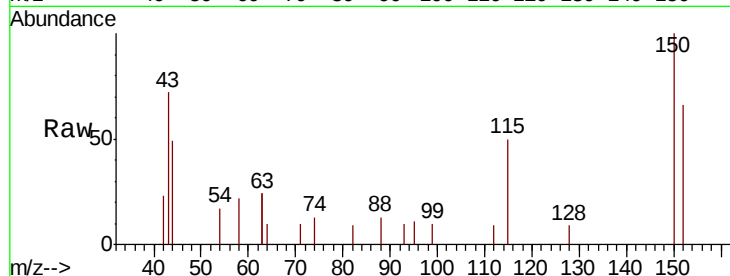


#1

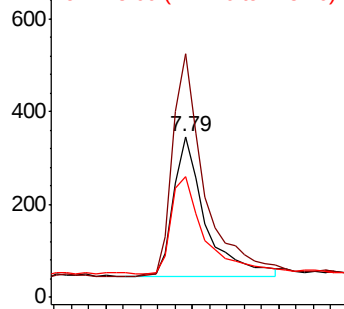
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098850.D
Acq: 9 Mar 2019 2:07

Instrument :
BNA_E
ClientSampleId :
RE126D2-20190306

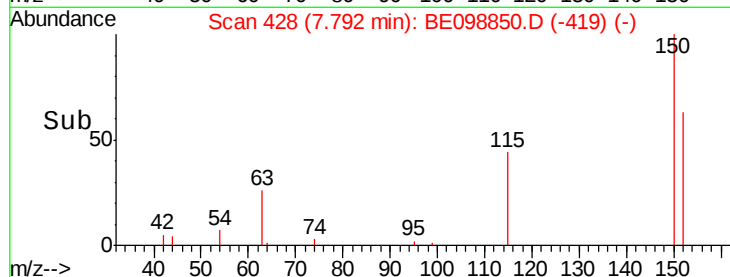
Tot Ion:152 Resp: 763
Ion Ratio Lower Upper
152 100
150 151.4 122.5 183.7
115 75.4 57.4 86.2



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



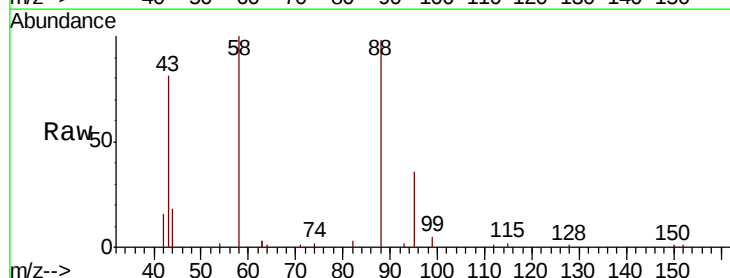
Time-->



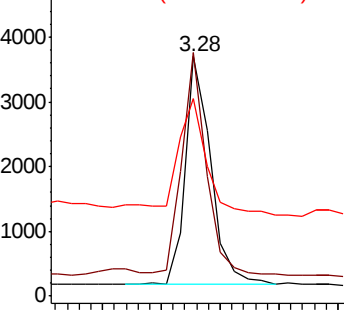
#2

1,4-Dioxane
Concen: 4.459 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098850.D
Acq: 9 Mar 2019 2:07

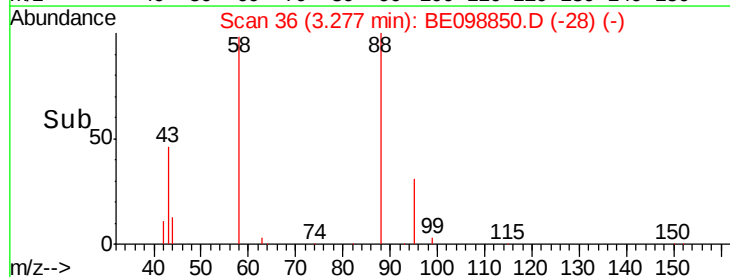
Tgt Ion: 88 Resp: 5361
Ion Ratio Lower Upper
88 100
58 91.3 75.8 113.6
43 62.2 41.8 62.8



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



Time-->





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190306

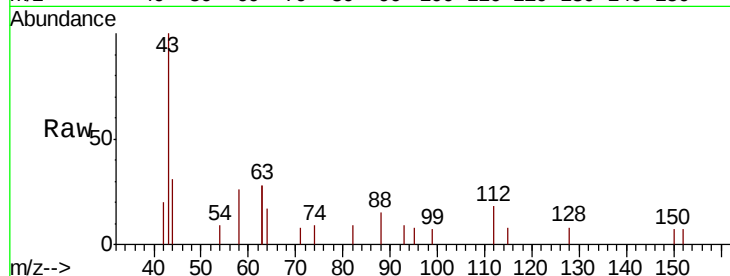
Tot Ion:112 Resp: 328

Ion Ratio Lower Upper

112 100

64 72.0 57.9 86.9

63 196.6 158.3 237.5



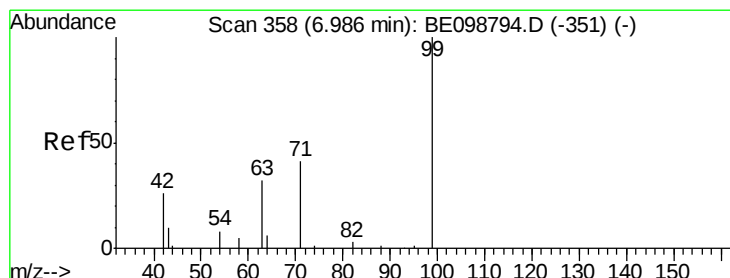
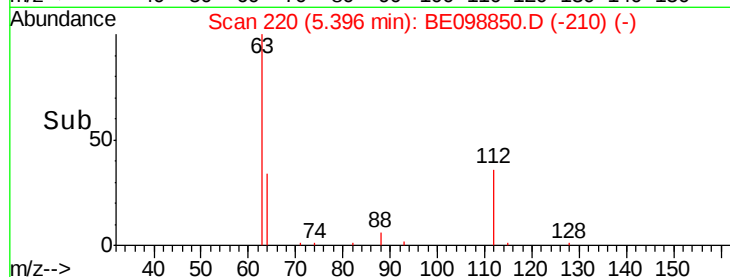
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.072 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

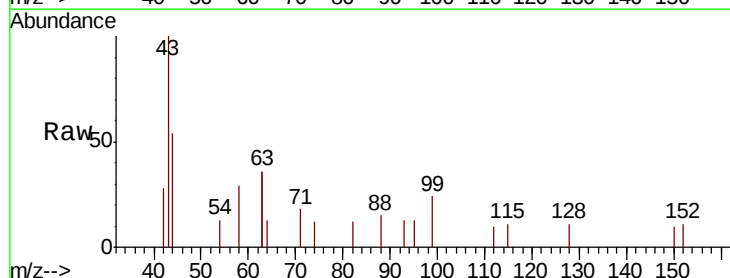
Tgt Ion: 99 Resp: 232

Ion Ratio Lower Upper

99 100

42 28.4 24.2 36.2

71 55.6 35.7 53.5#



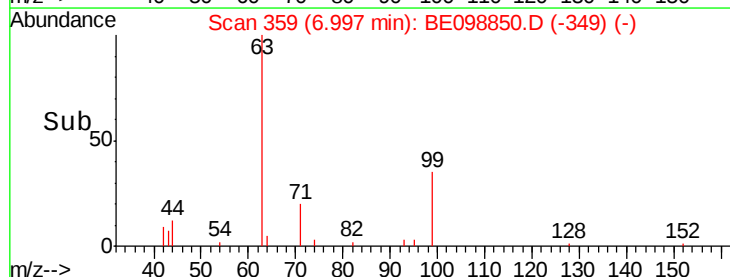
Abundance Ion 99.00 (98.70 to 99.70): BE0

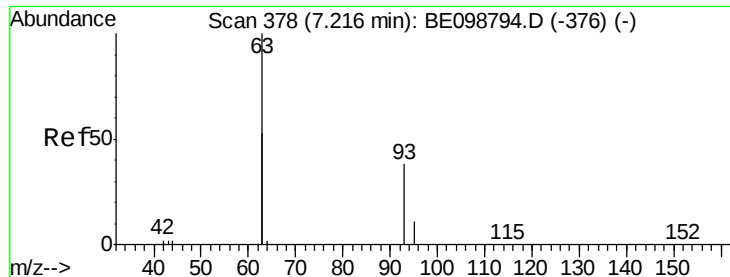
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.90 7.00 7.10





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190306

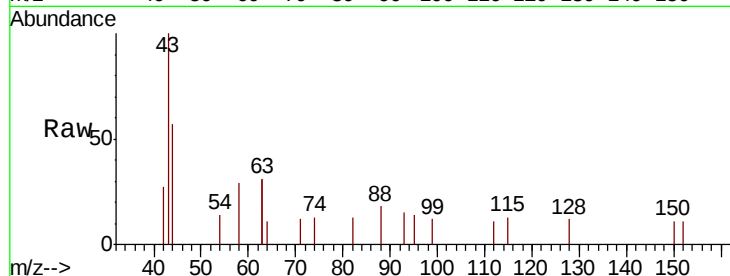
Tot Ion: 93 Resp: 59

Ion Ratio Lower Upper

93 100

63 213.6 247.5 371.3#

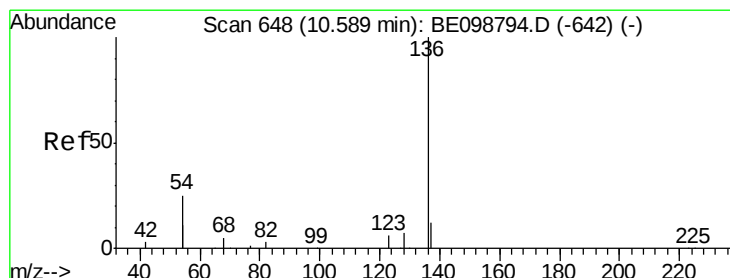
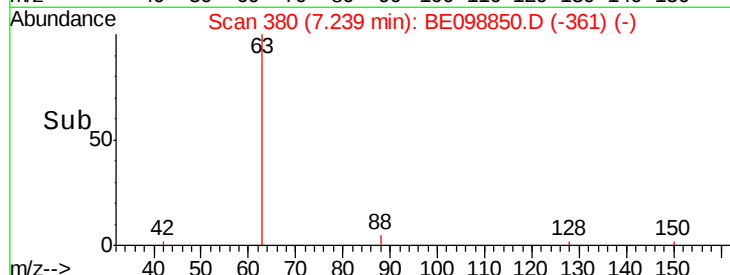
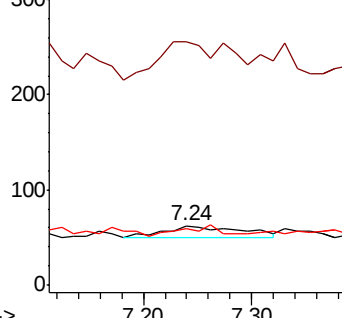
95 0.0 21.8 32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

Tgt Ion: 136 Resp: 3017

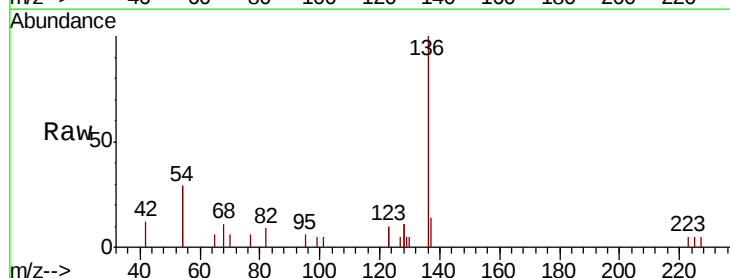
Ion Ratio Lower Upper

136 100

137 14.5 11.4 17.0

54 57.4 39.3 58.9

68 10.9 6.7 10.1#

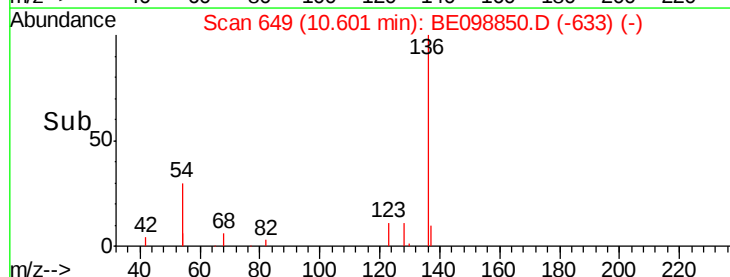
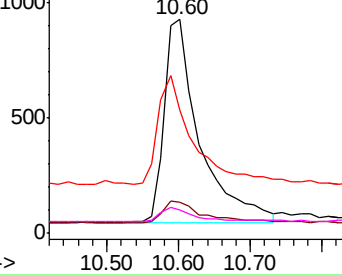


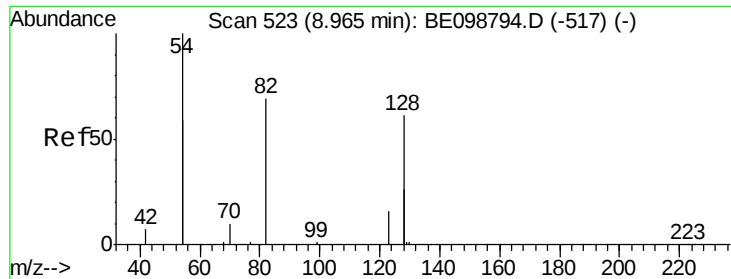
Abundance Ion 136.00 (135.70 to 136.70): E

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

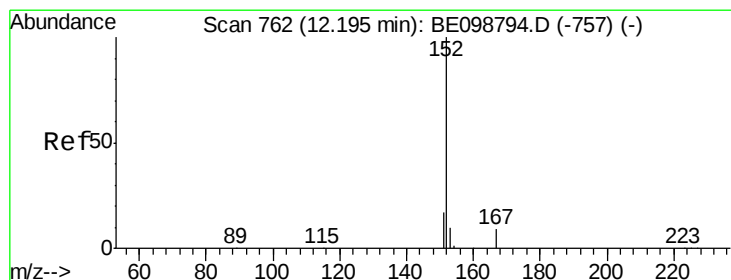
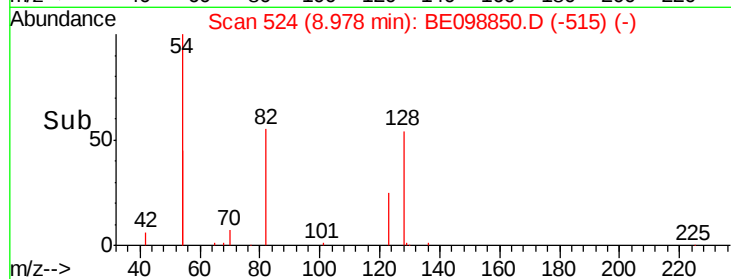
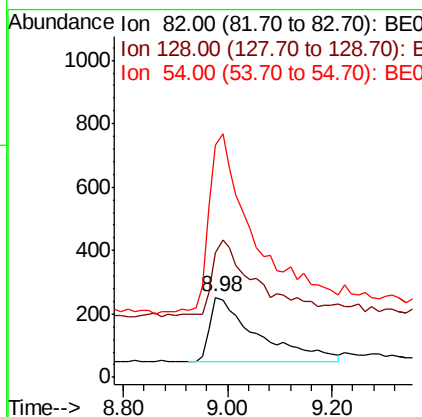
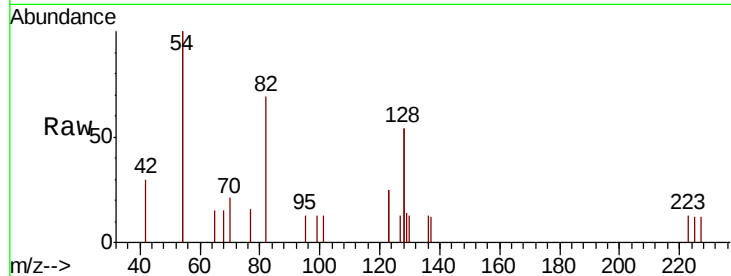




#8
 Nitrobenzene-d5
 Concen: 0.399 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098850.D
 Acq: 9 Mar 2019 2:07

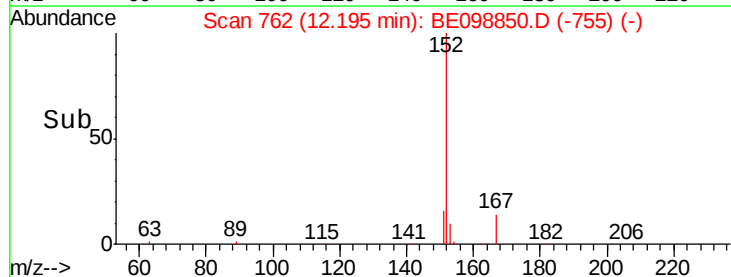
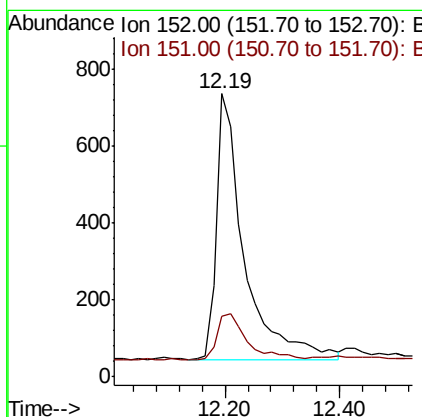
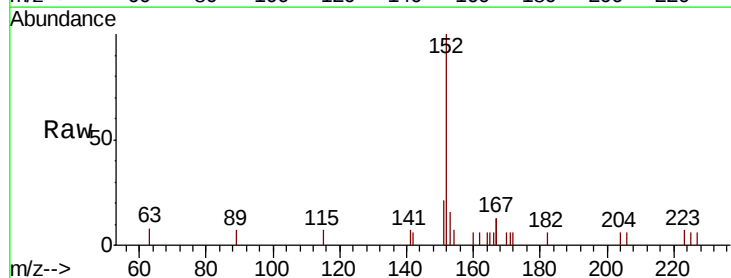
Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20190306

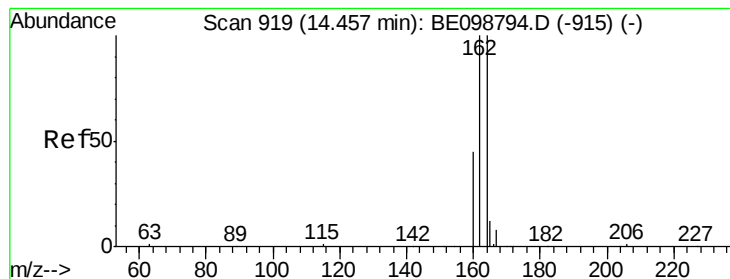
Tot Ion	82	Resp	1263
Ion Ratio	Lower	Upper	
82	100		
128	155.6	123.8	185.8
54	289.7	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.410 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098850.D
 Acq: 9 Mar 2019 2:07

Tgt Ion	152	Resp	2289
Ion Ratio	Lower	Upper	
152	100		
151	18.7	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190306

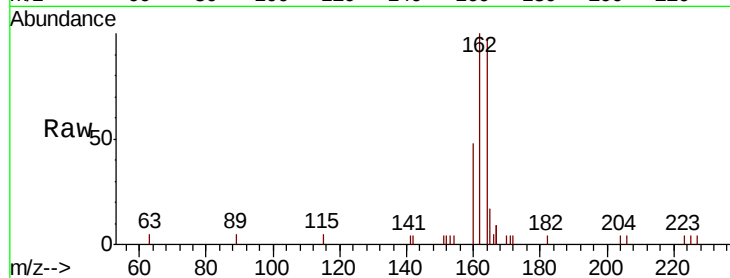
Tot Ion:164 Resp: 2119

Ion Ratio Lower Upper

164 100

162 102.8 80.2 120.2

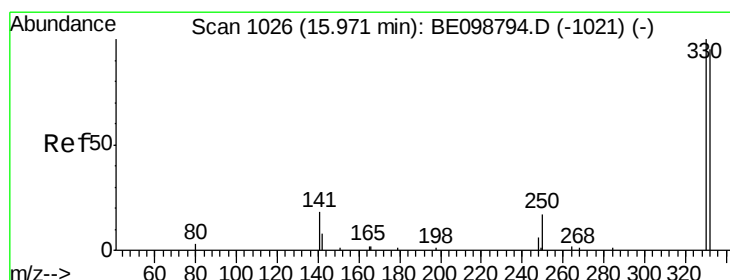
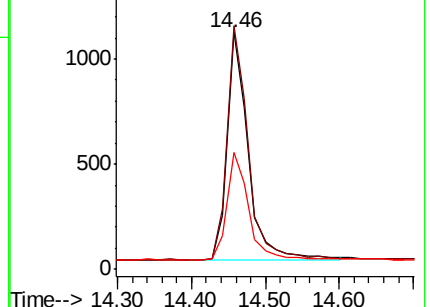
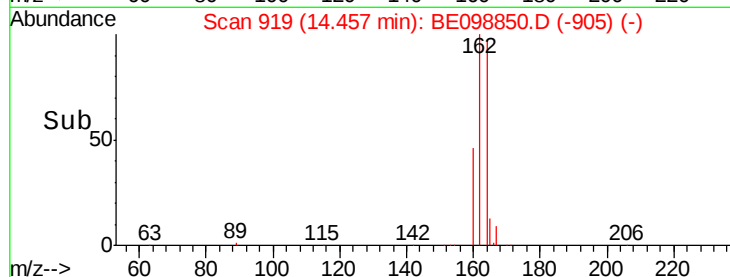
160 49.5 37.8 56.8



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: 0.372 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

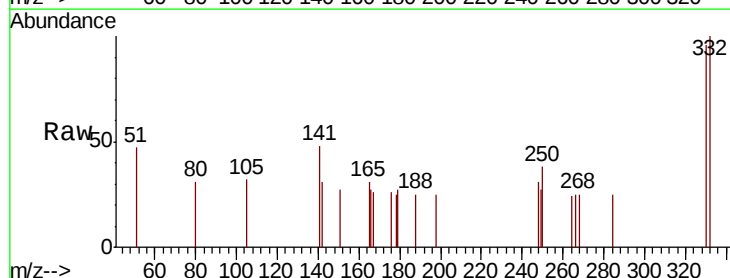
Tgt Ion:330 Resp: 398

Ion Ratio Lower Upper

330 100

332 104.5 77.6 116.4

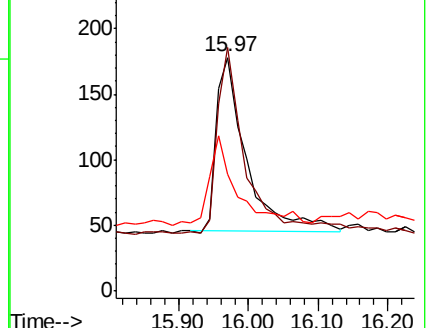
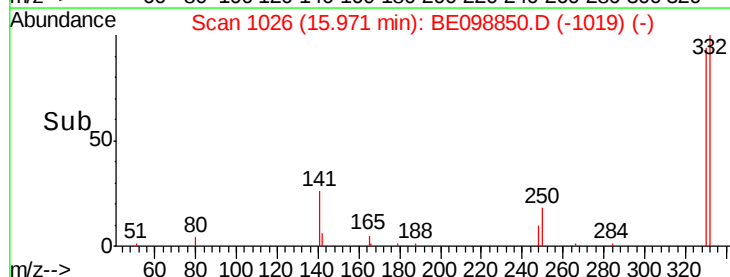
141 43.5 31.0 46.4

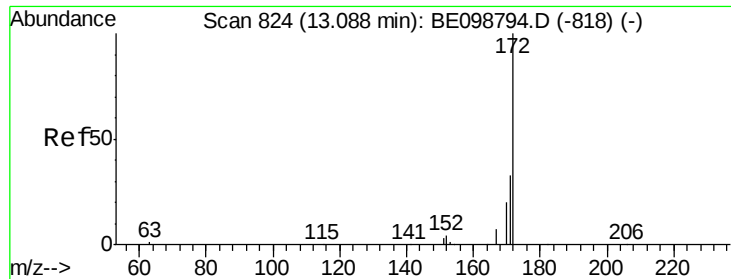


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

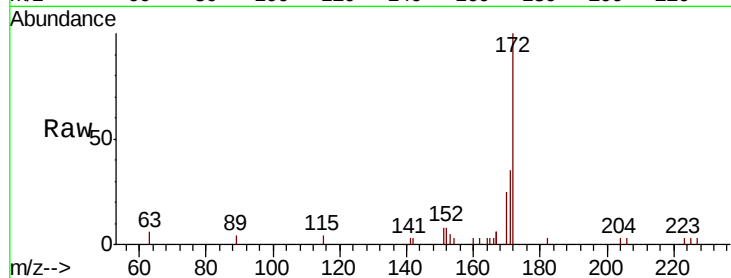




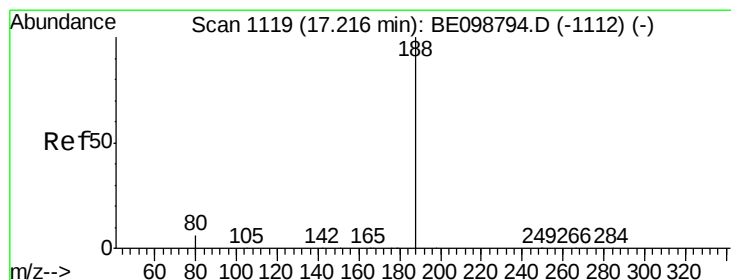
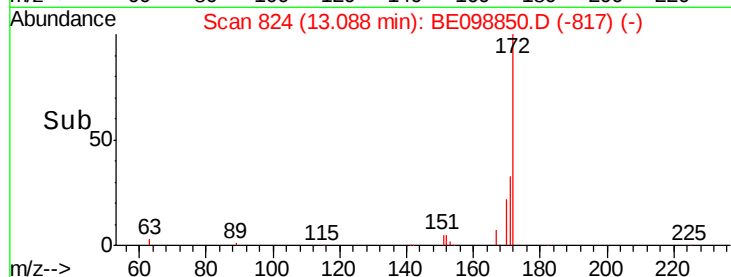
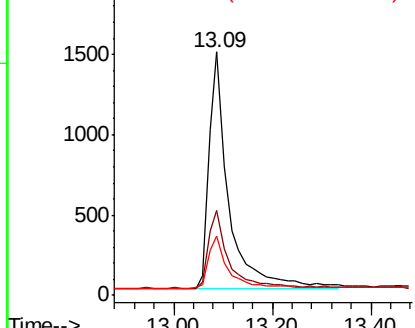
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098850.D
Acq: 9 Mar 2019 2:07

Instrument :
BNA_E
ClientSampleId :
RE126D2-20190306

Tot Ion:172 Resp: 4051
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 24.5 17.7 26.5

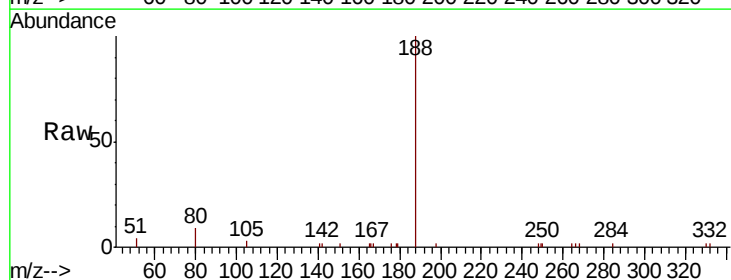


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

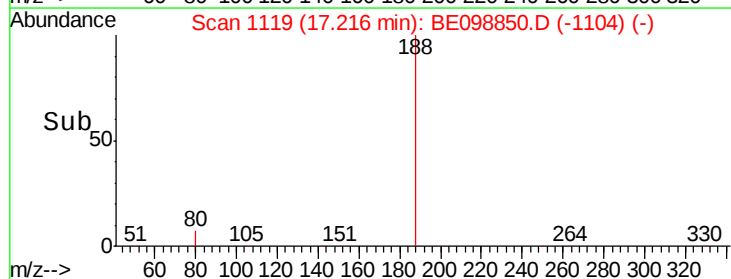
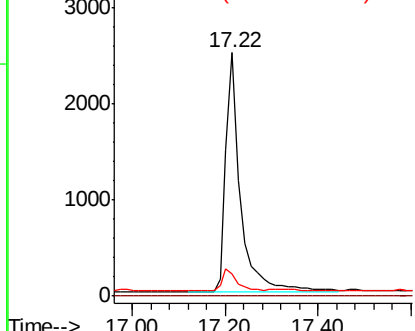


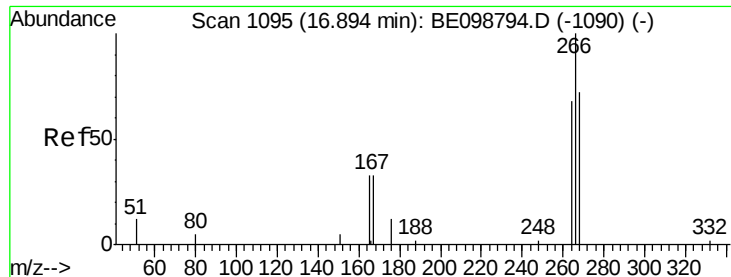
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE098850.D
Acq: 9 Mar 2019 2:07

Tgt Ion:188 Resp: 5560
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 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

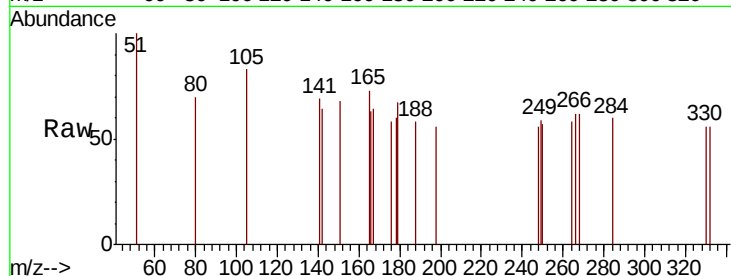




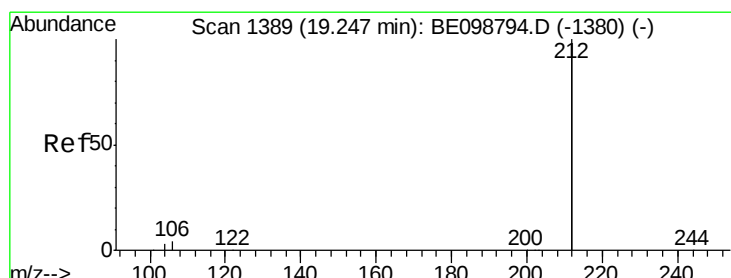
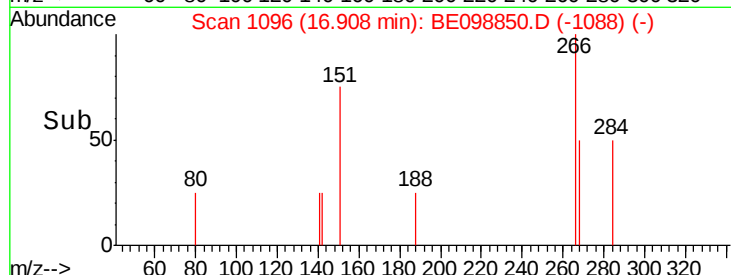
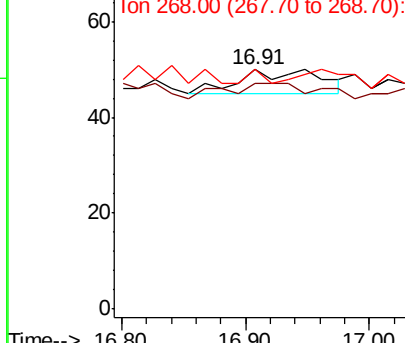
#22
 Pentachlorophenol
 Concen: 0.283 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098850.D
 Acq: 9 Mar 2019 2:07

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20190306

Tot Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 94.0 66.6 100.0
 268 100.0 69.8 104.8

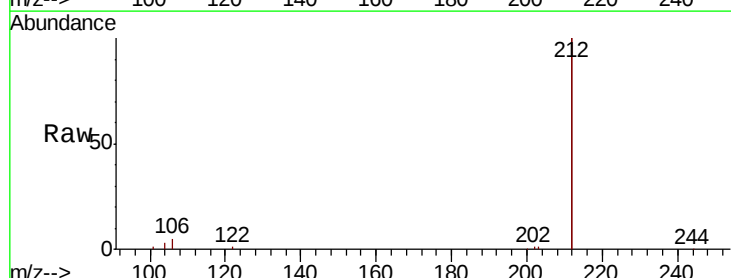


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

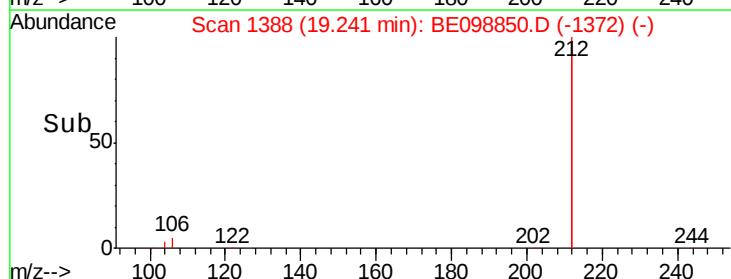
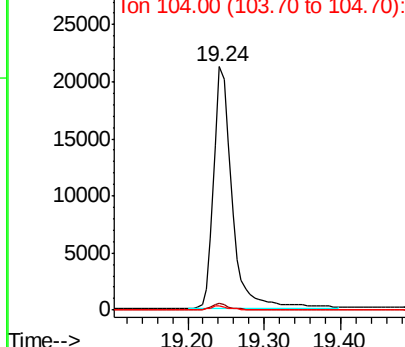


#25
 Fluoranthene-d10
 Concen: 0.397 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE098850.D
 Acq: 9 Mar 2019 2:07

Tgt Ion:212 Resp: 35193
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.4 1.0 1.6



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

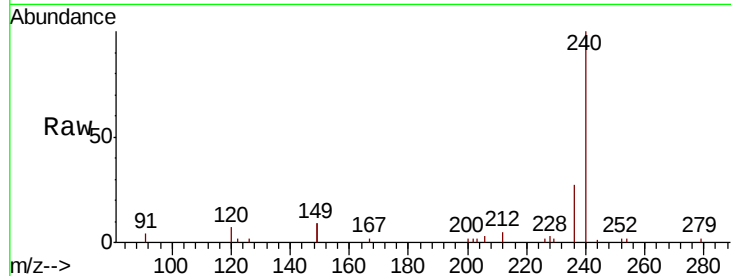




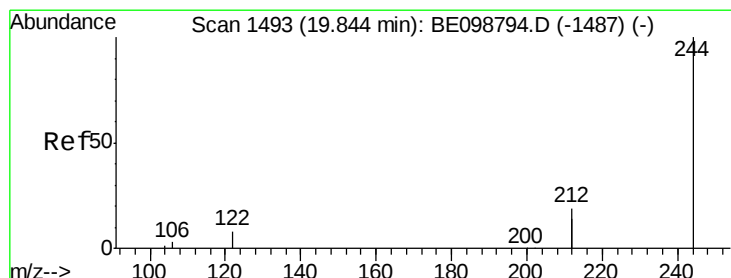
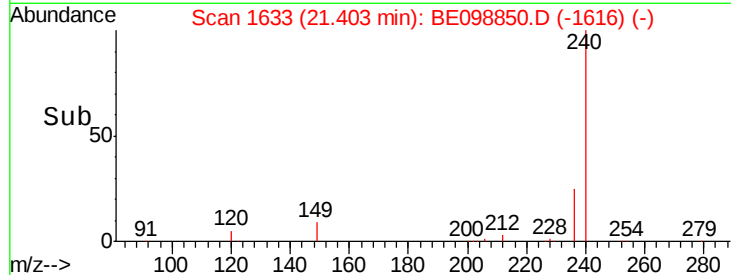
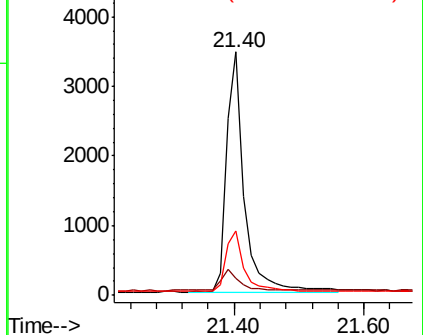
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098850.D
Acq: 9 Mar 2019 2:07

Instrument :
BNA_E
ClientSampleId :
RE126D2-20190306

Tot Ion:240 Resp: 6632
Ion Ratio Lower Upper
240 100
120 7.0 5.0 7.4
236 26.6 22.7 34.1

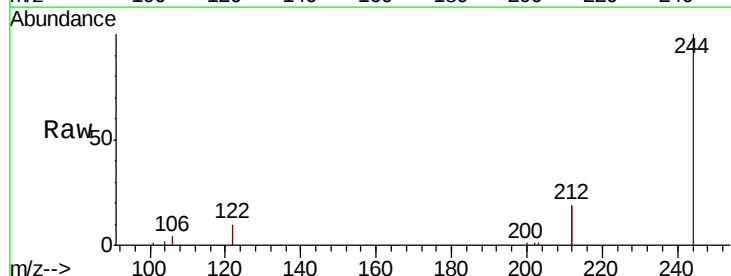


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

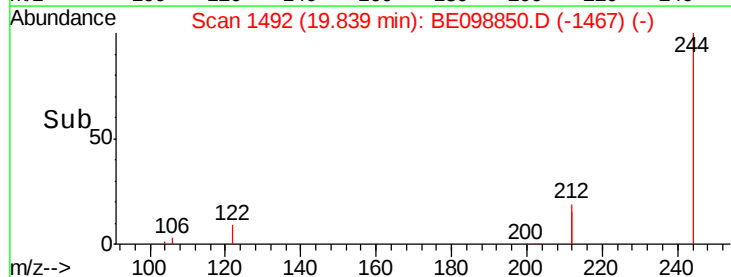
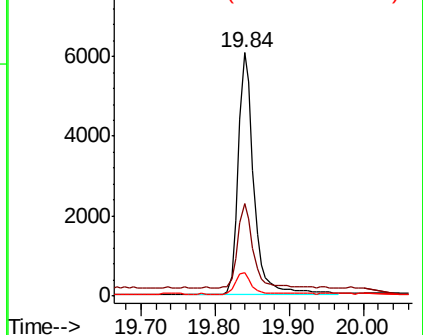


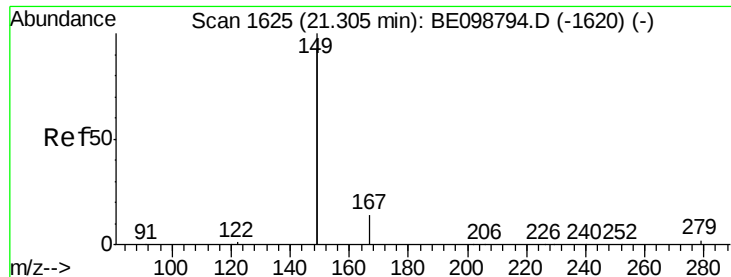
#29
Terphenyl-d14
Concen: 0.548 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098850.D
Acq: 9 Mar 2019 2:07

Tgt Ion:244 Resp: 8839
Ion Ratio Lower Upper
244 100
212 37.8 29.4 44.2
122 9.7 7.1 10.7



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: 0.084 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190306

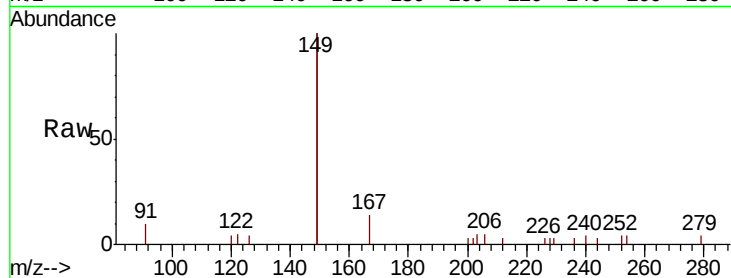
Tot Ion:149 Resp: 3699

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

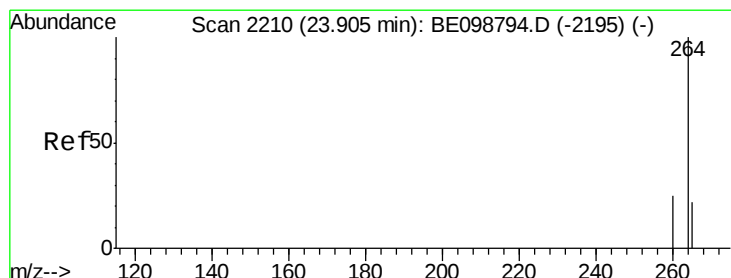
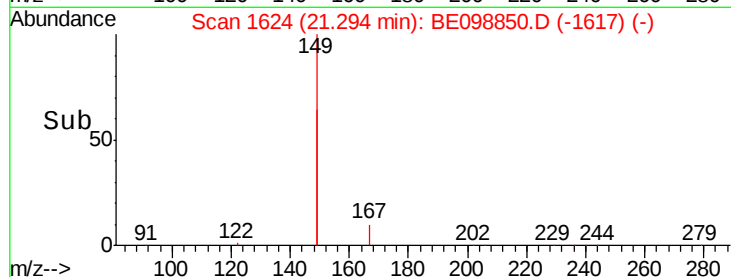
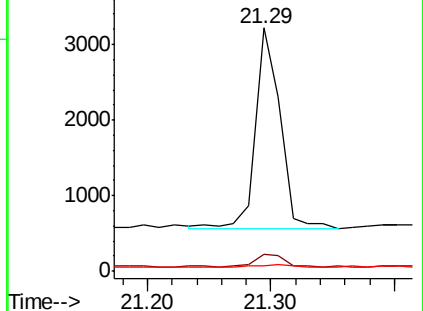
279 1.6 1.0 1.4#



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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098850.D

Acq: 9 Mar 2019 2:07

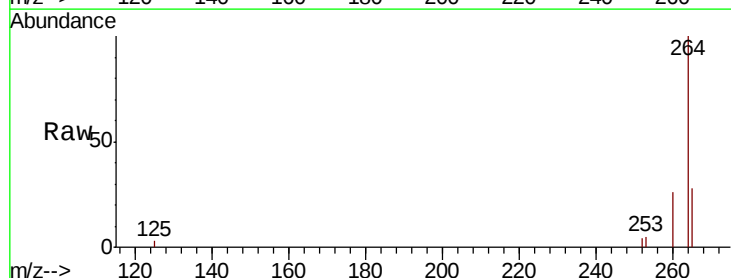
Tgt Ion:264 Resp: 6462

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 28.1 24.6 36.8



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

