

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098930.D
 Acq On : 14 Mar 2019 3:45
 Operator : JU/SJ
 Sample : K1860-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190311

Quant Time: Mar 14 06:57:54 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

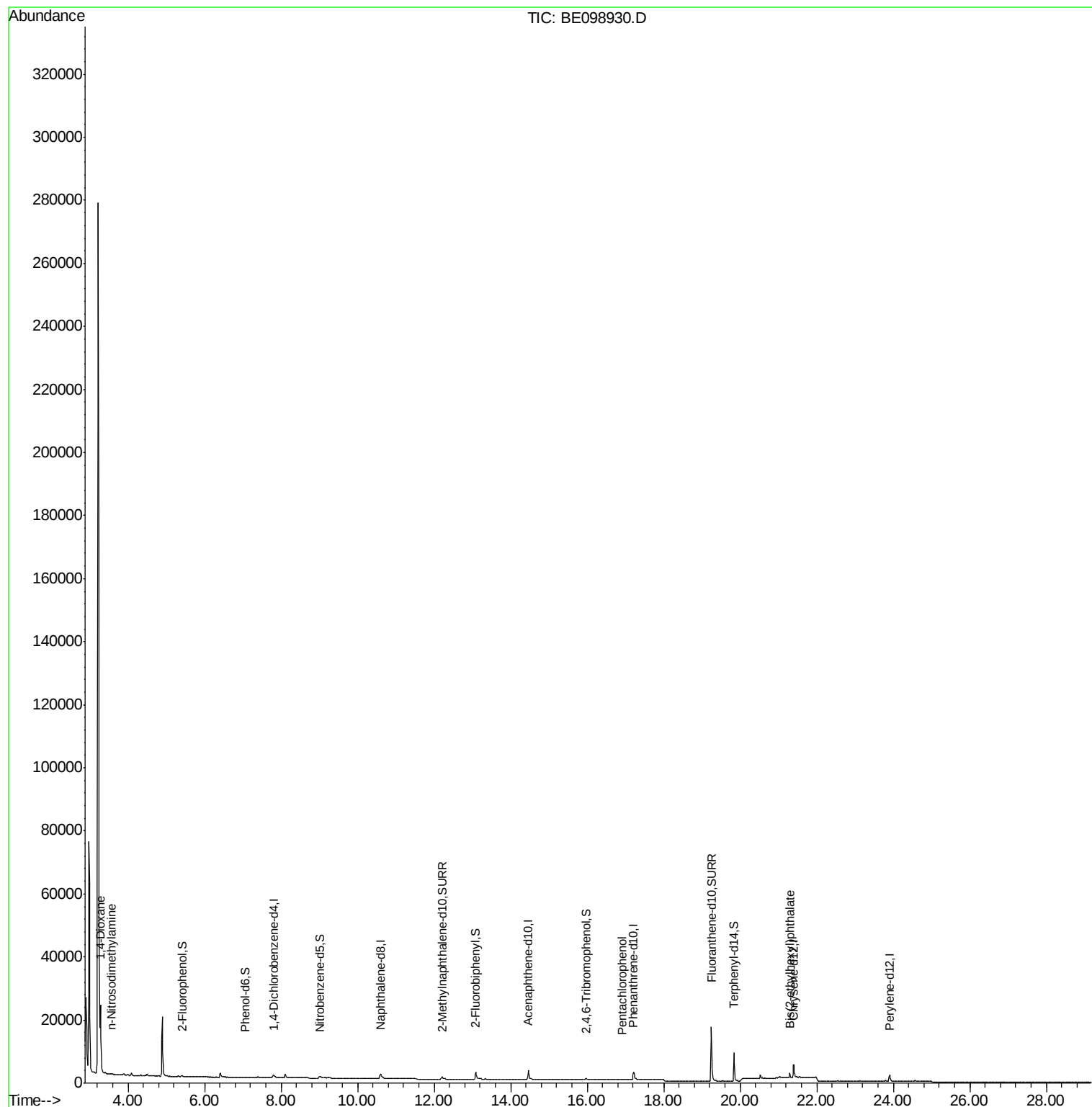
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	665	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3073	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2215	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5341	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6550	0.40	ng	0.00
34) Perylene-d12	23.90	264	3616	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	247	0.12	ng	0.03
5) Phenol-d6	7.06	99	180	0.06	ng	0.07
8) Nitrobenzene-d5	9.02	82	912	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1987	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	485	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4069	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	29021	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9460	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	10576	10.226	ng	Qvalue 100
3) n-Nitrosodimethylamine	3.56	42	51	0.030	ng	# 14
22) Pentachlorophenol	16.91	266	5	0.269	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	1643	0.038	ng	# 95

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

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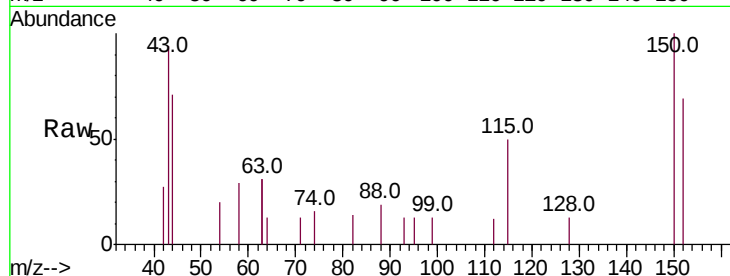


#1

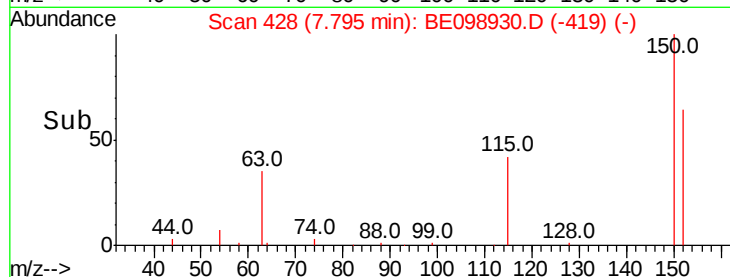
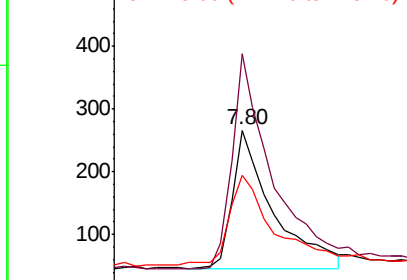
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
RE120D2-20190311

Tot Ion:152 Resp: 665
Ion Ratio Lower Upper
152 100
150 145.9 122.5 183.7
115 73.3 57.4 86.2



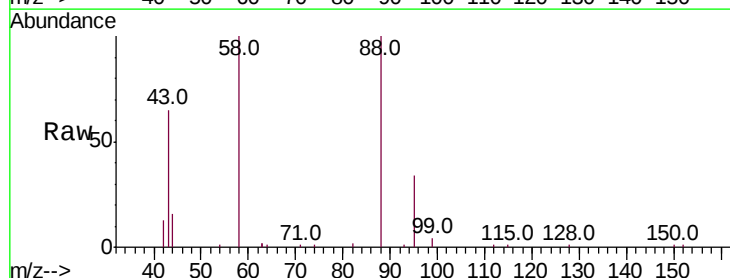
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



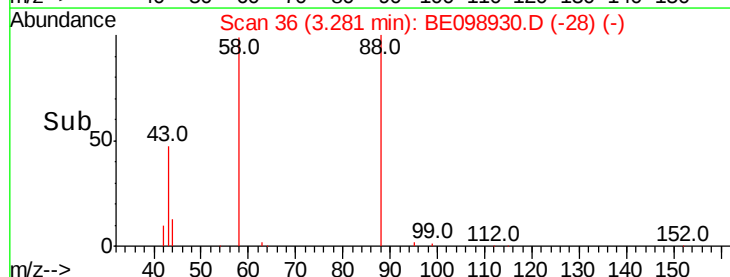
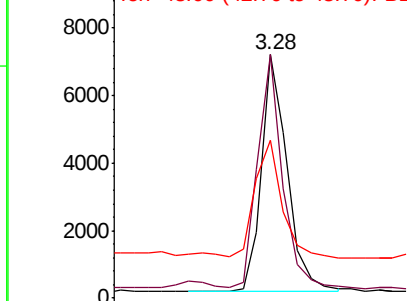
#2

1,4-Dioxane
Concen: 10.226 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Tgt Ion: 88 Resp: 10576
Ion Ratio Lower Upper
88 100
58 95.2 75.8 113.6
43 52.1 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





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.56 min Scan# 60

Delta R.T. -0.07 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

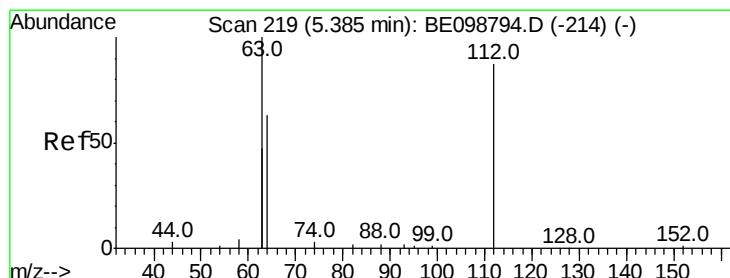
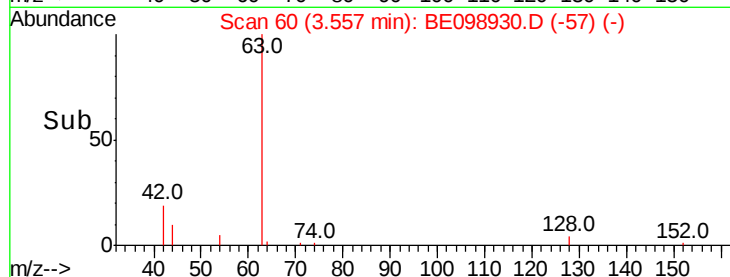
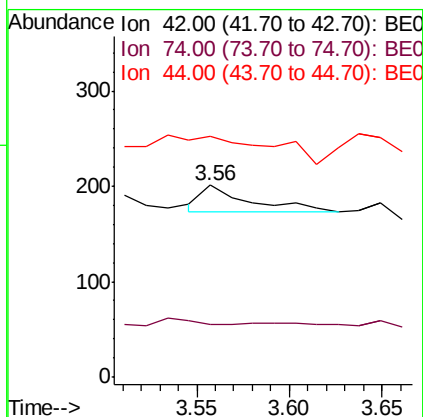
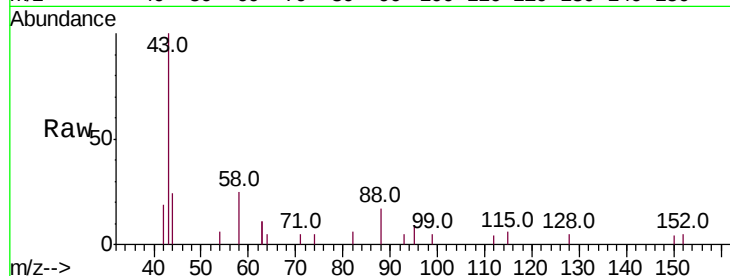
Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

Tot Ion:	42	Resp:	51
Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.124 ng

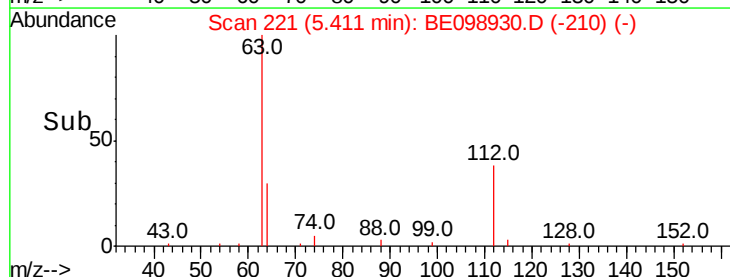
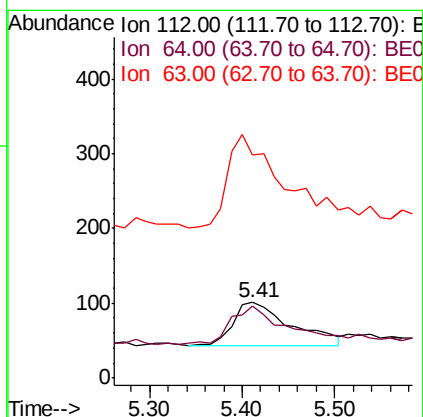
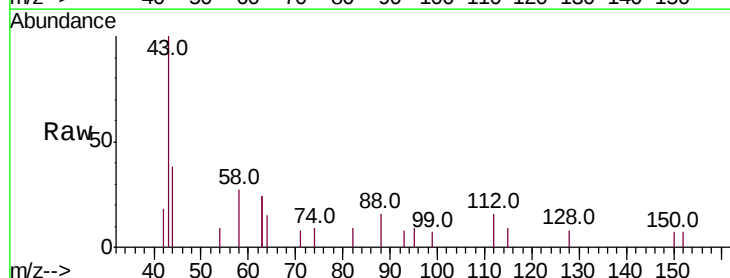
RT: 5.41 min Scan# 221

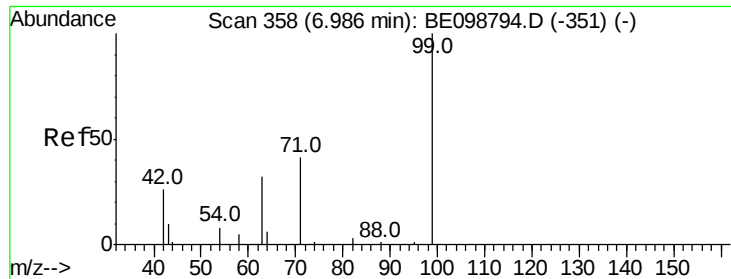
Delta R.T. 0.03 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Tgt Ion:	112	Resp:	247
Ion	Ratio	Lower	Upper
112	100		
64	90.3	57.9	86.9#
63	247.8	158.3	237.5#





#5

Phenol-d6

Concen: 0.064 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

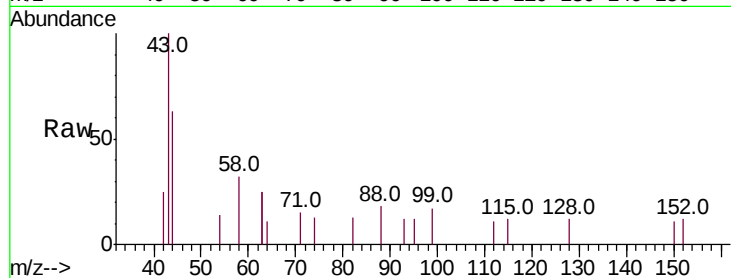
Tot Ion: 99 Resp: 180

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

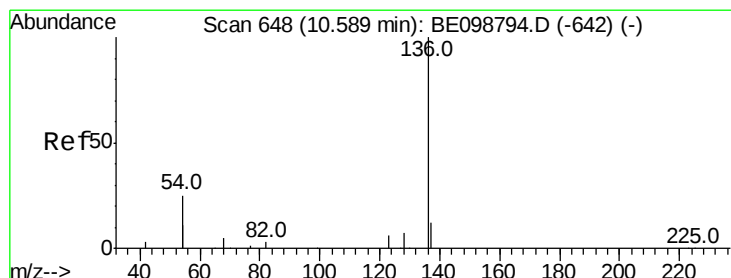
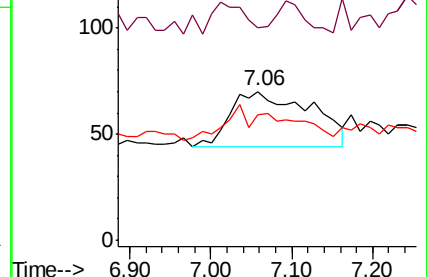
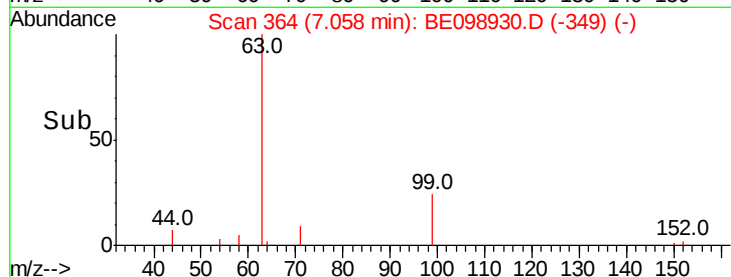
71 0.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Tgt Ion: 136 Resp: 3073

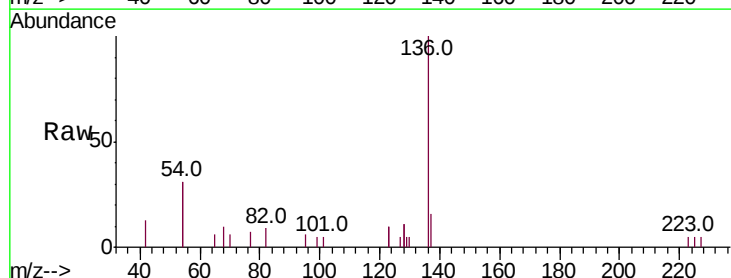
Ion Ratio Lower Upper

136 100

137 15.9 11.4 17.0

54 61.1 39.3 58.9#

68 10.4 6.7 10.1#

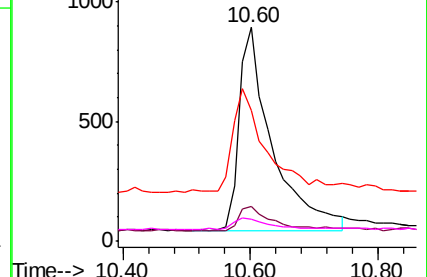
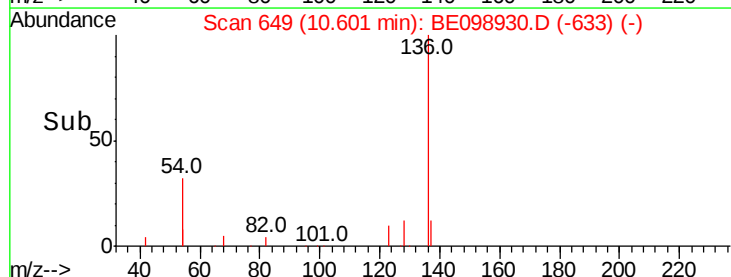


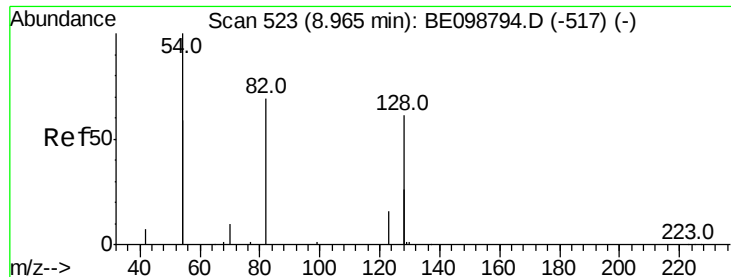
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.283 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

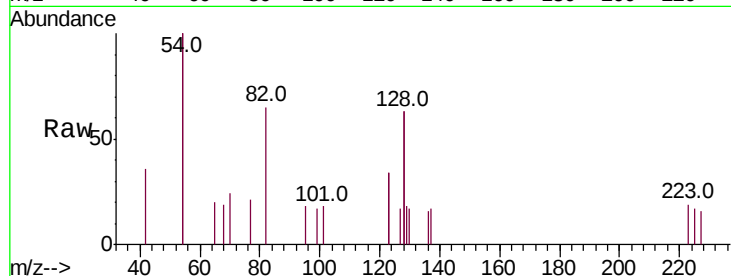
Tot Ion: 82 Resp: 912

Ion Ratio Lower Upper

82 100

128 195.4 123.8 185.8#

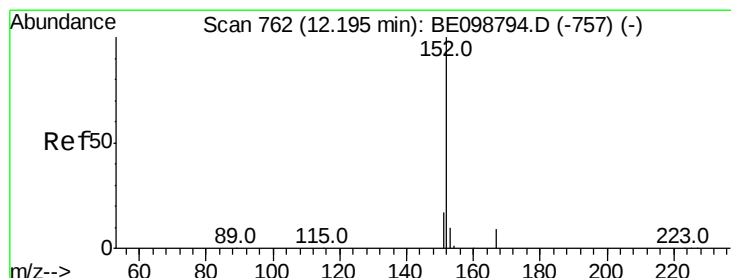
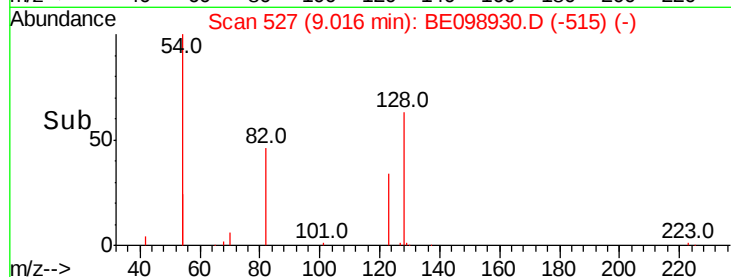
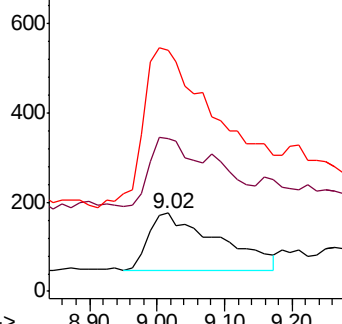
54 308.6 203.4 305.2#



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: 0.350 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098930.D

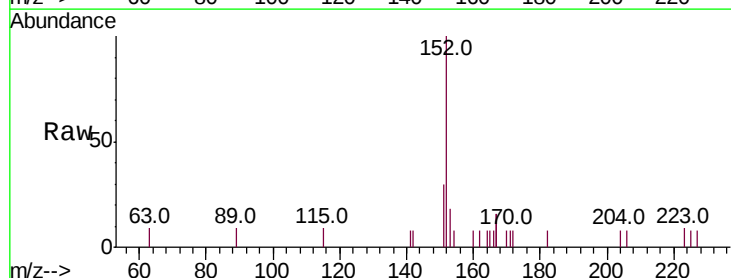
Acq: 14 Mar 2019 3:45

Tgt Ion: 152 Resp: 1987

Ion Ratio Lower Upper

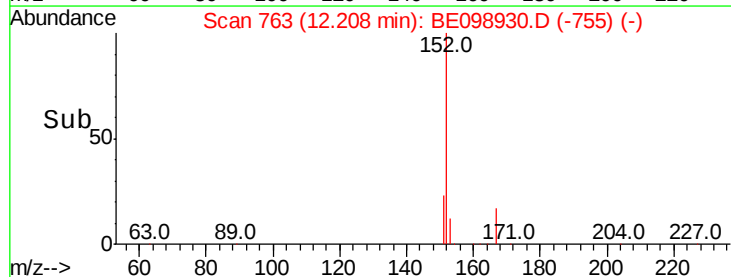
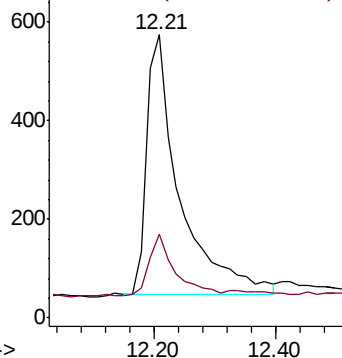
152 100

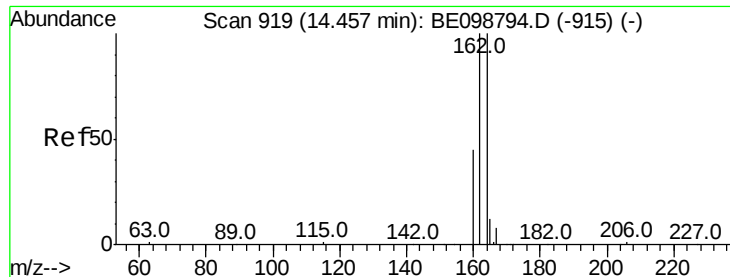
151 18.0 16.5 24.7



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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

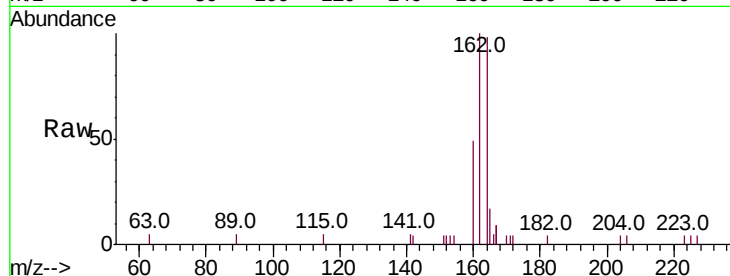
Tot Ion:164 Resp: 2215

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

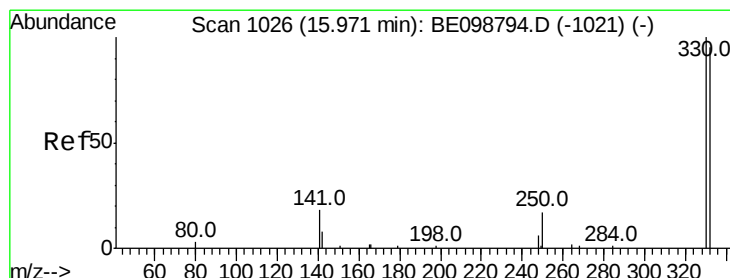
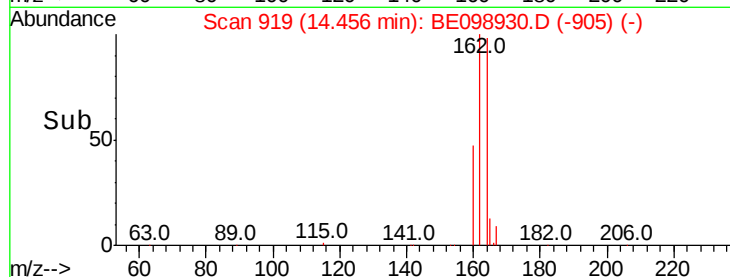
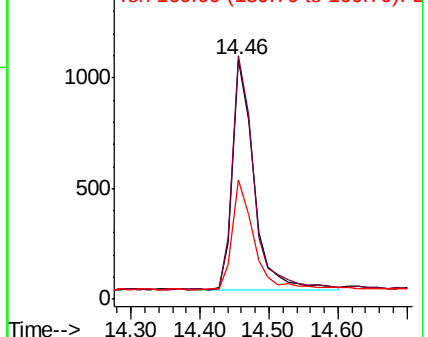
160 49.7 37.8 56.8



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: 0.434 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

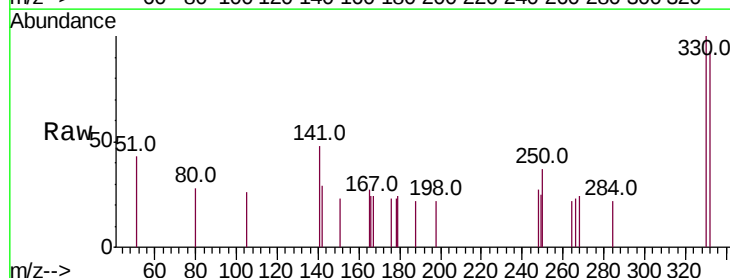
Tgt Ion:330 Resp: 485

Ion Ratio Lower Upper

330 100

332 91.8 77.6 116.4

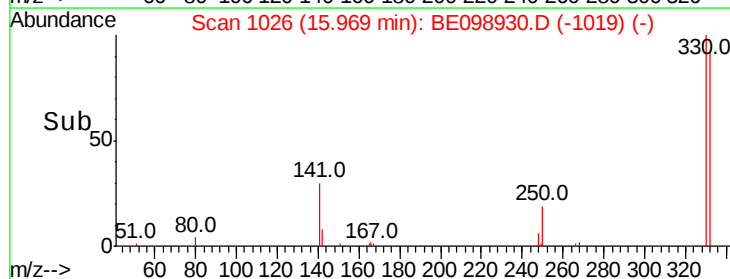
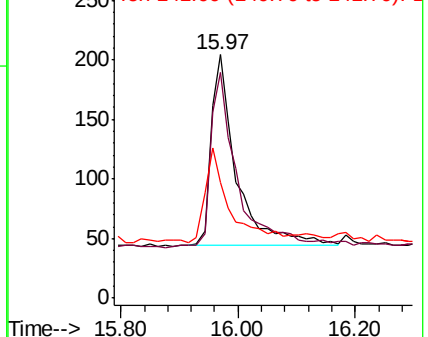
141 47.6 31.0 46.4#

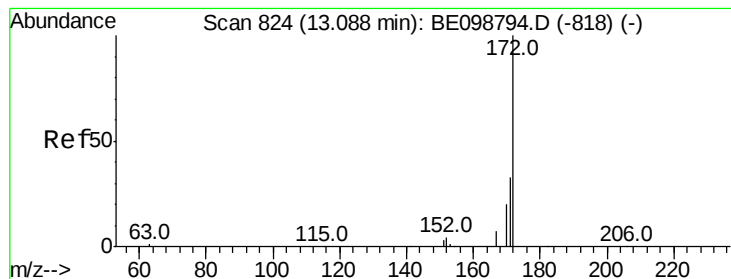


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

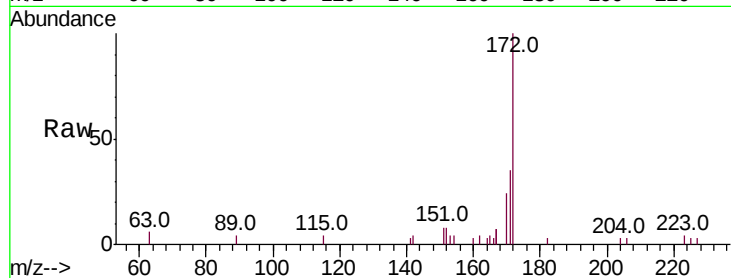




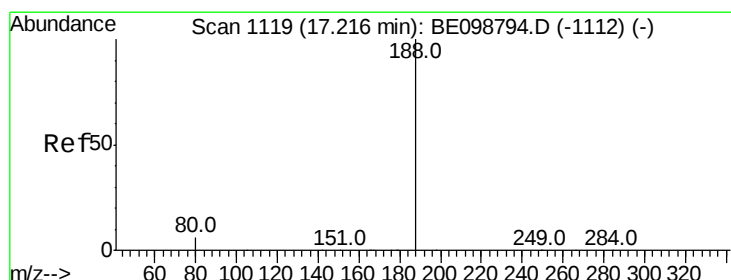
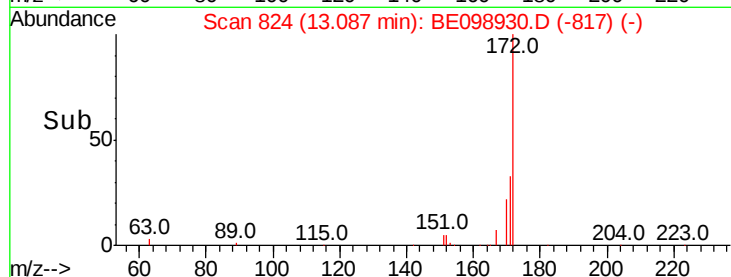
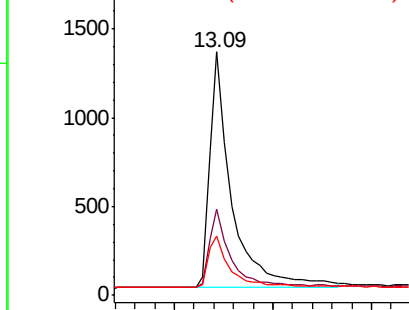
#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Instrument :
BNA_E
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RE120D2-20190311

Tot Ion:172 Resp: 4069
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.1 17.7 26.5

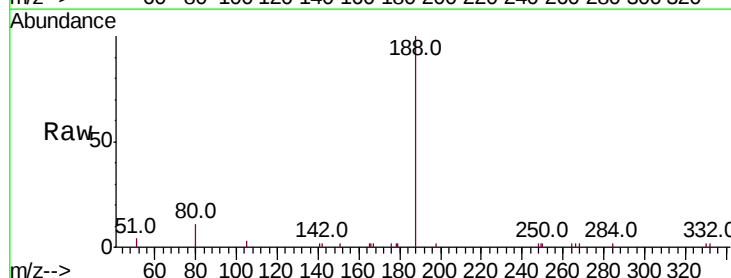


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

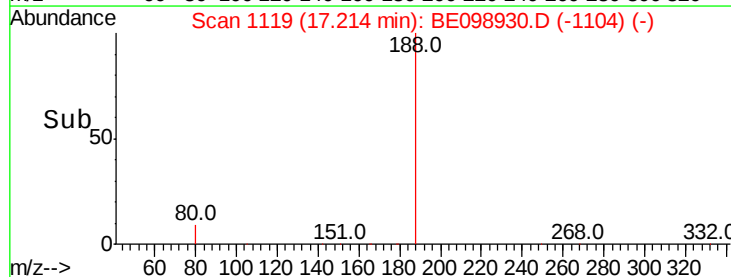
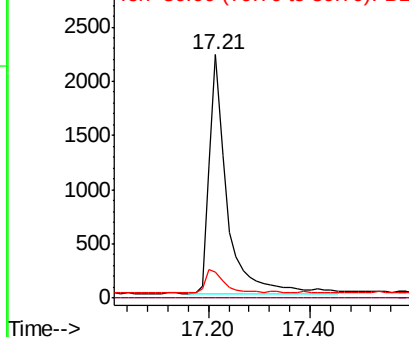


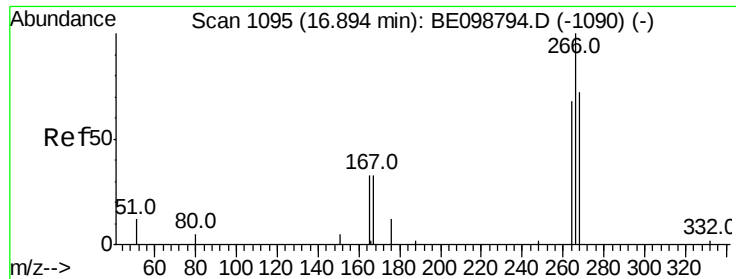
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Tgt Ion:188 Resp: 5341
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 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

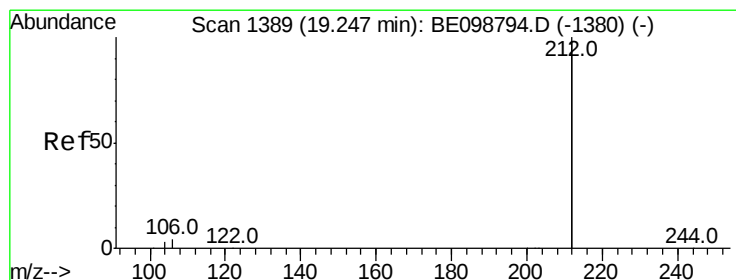
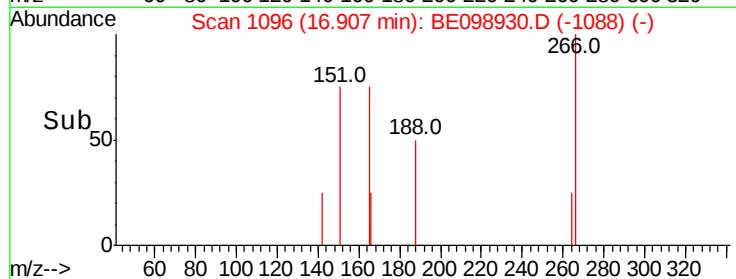
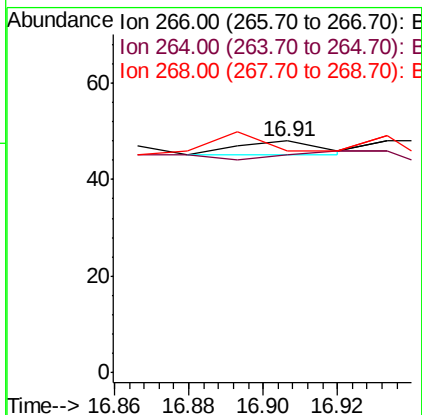
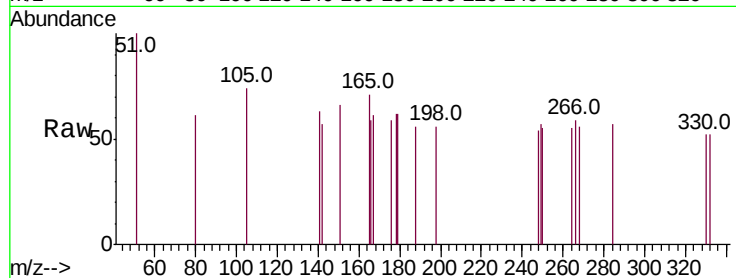




#22
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

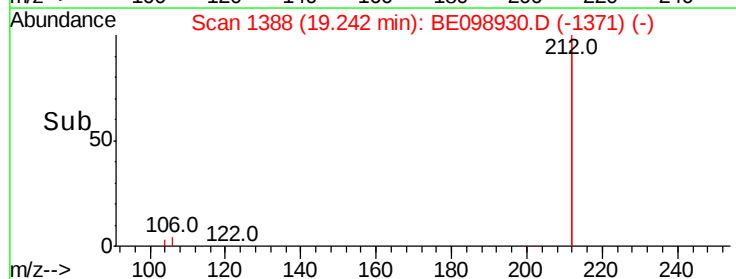
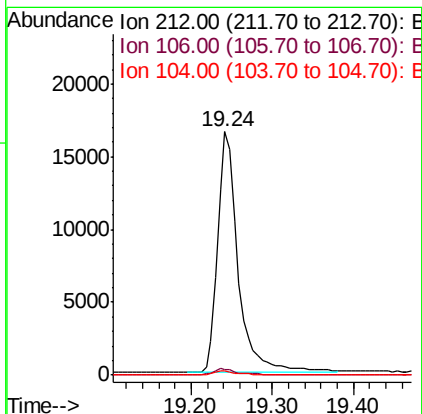
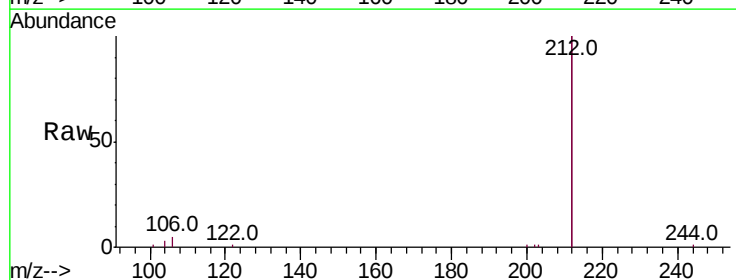
Instrument :
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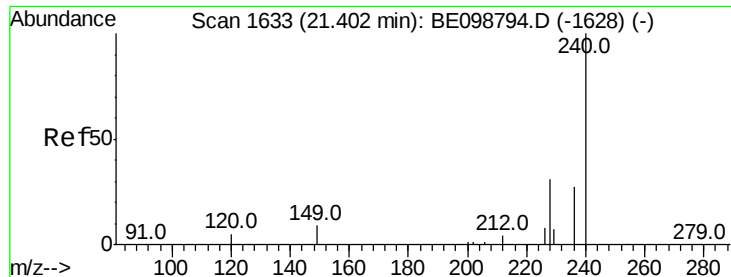
Tot Ion: 266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 93.8 66.6 100.0
 268 95.8 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.340 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

Tgt Ion: 212 Resp: 29021
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.4 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

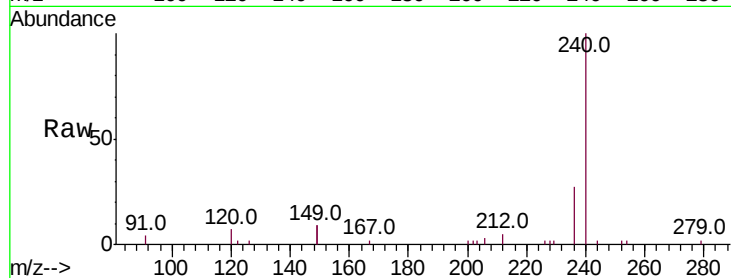
Tot Ion:240 Resp: 6550

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

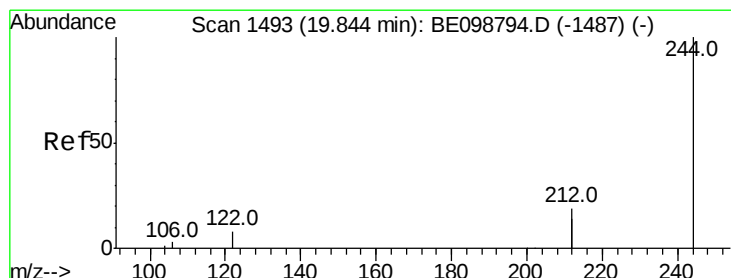
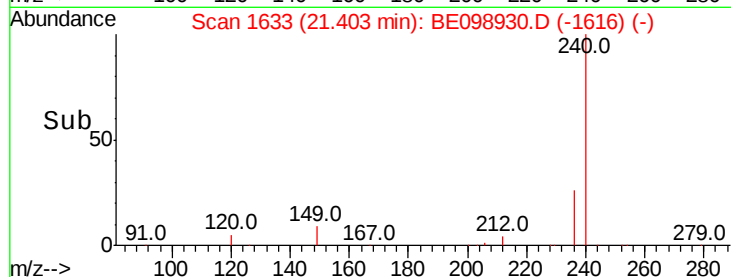
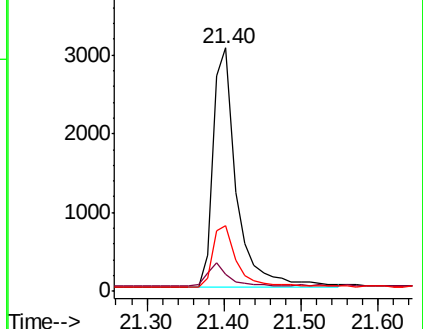
236 26.9 22.7 34.1



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: 0.594 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

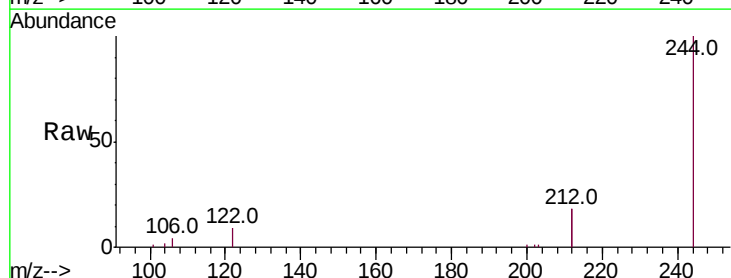
Tgt Ion:244 Resp: 9460

Ion Ratio Lower Upper

244 100

212 35.7 29.4 44.2

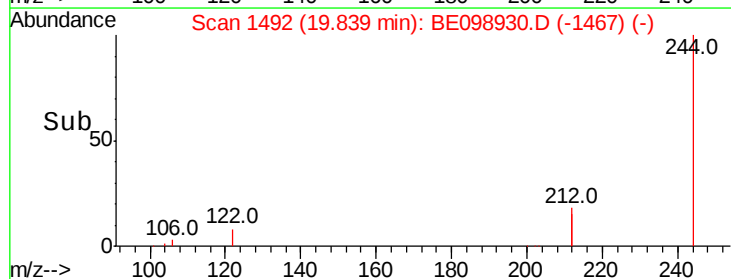
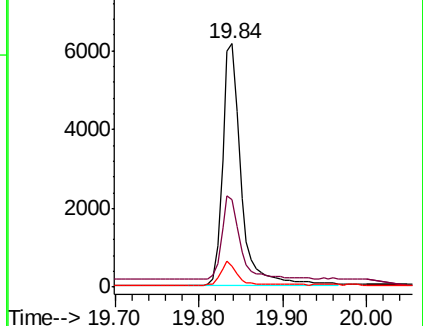
122 8.7 7.1 10.7

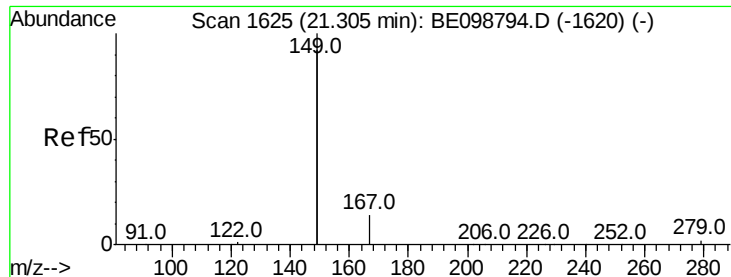


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

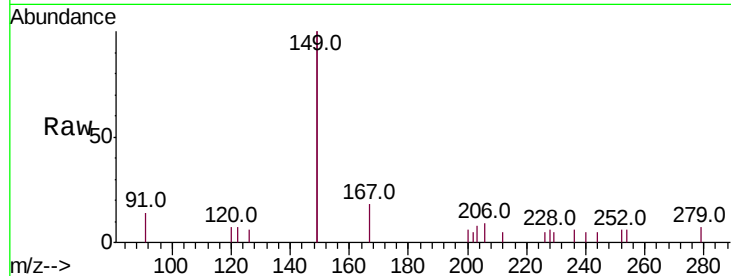




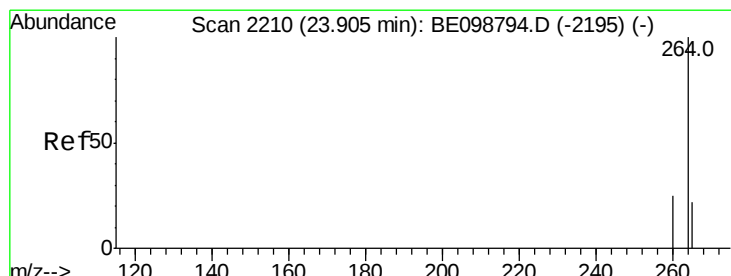
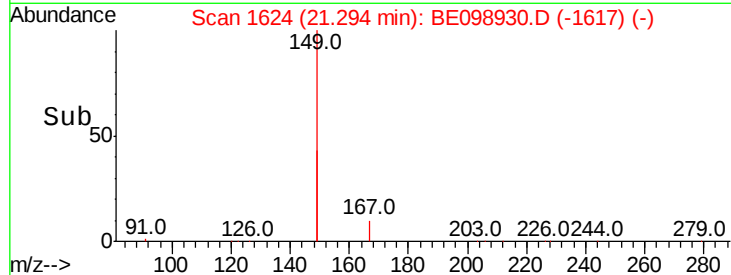
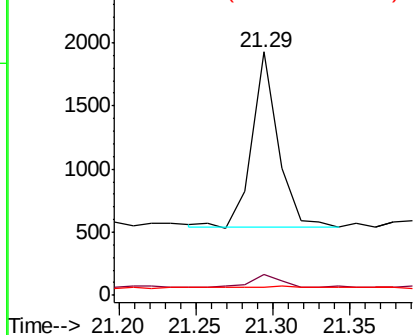
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.038 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190311

Tot Ion:149 Resp: 1643
 Ion Ratio Lower Upper
 149 100
 167 8.8 5.4 8.0#
 279 1.5 1.0 1.4#

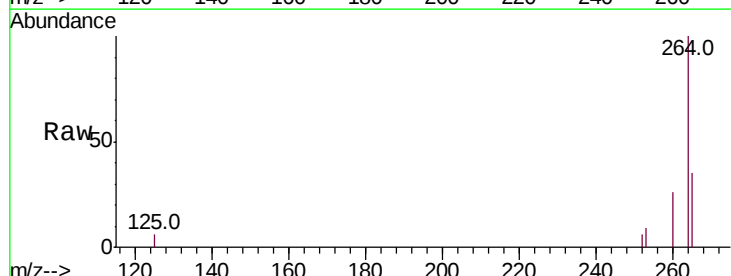


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

Tgt Ion:264 Resp: 3616
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 34.6 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

