

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 :

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

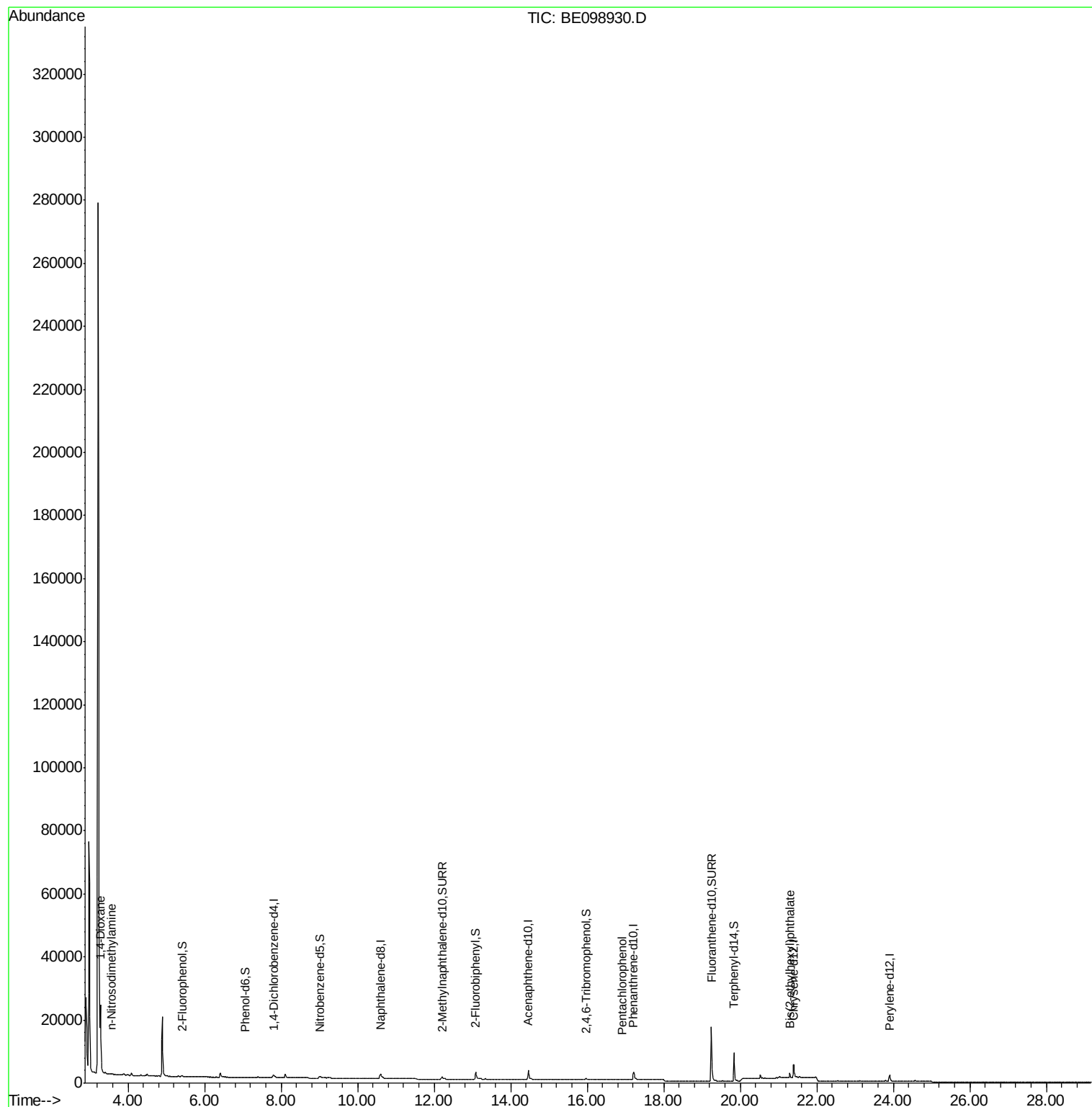
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	665	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3073	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2215	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5341	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6550	0.40	ng	0.00
34) 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

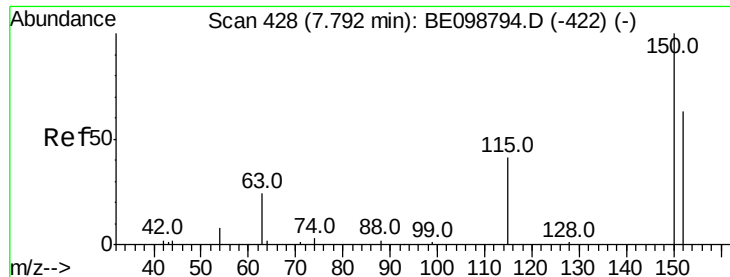
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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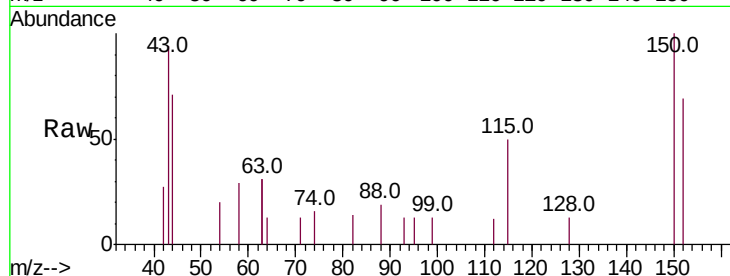


#1

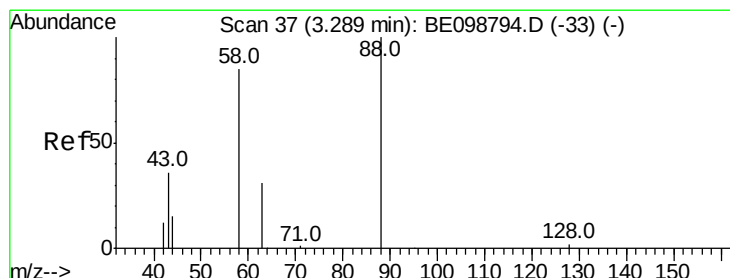
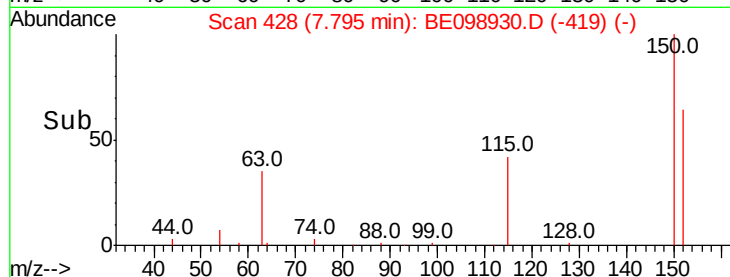
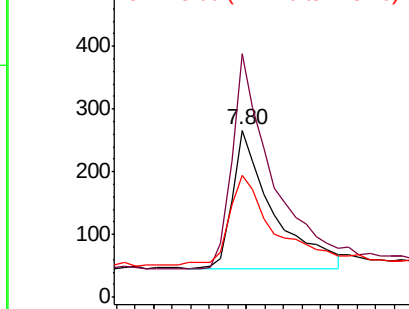
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Instrument :
BNA_E
ClientSampled :

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



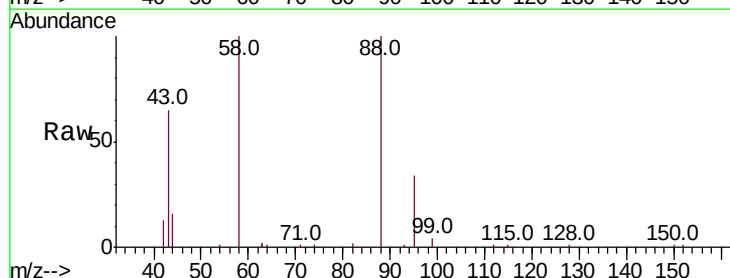
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



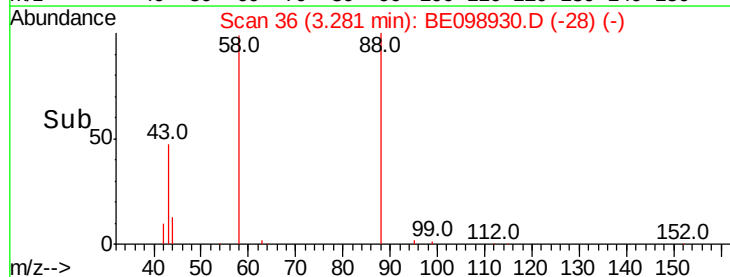
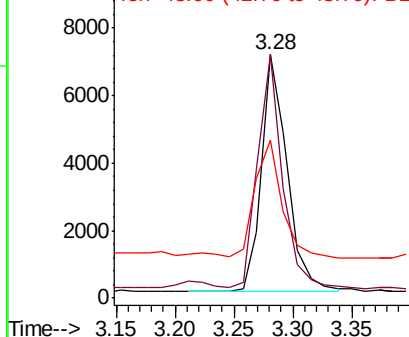
#2

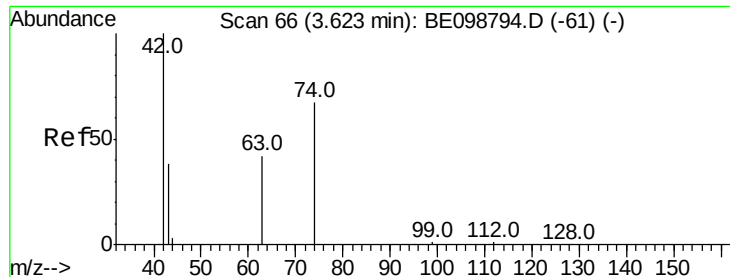
1,4-Dioxane
Concen: 10.226 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

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

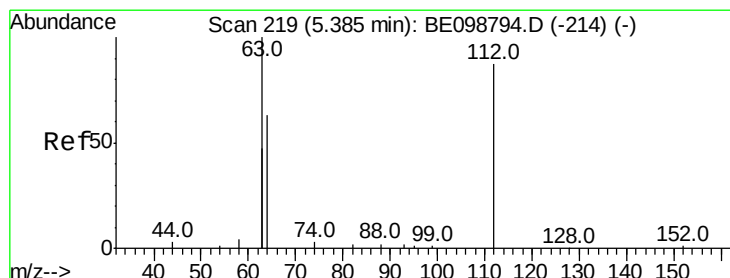
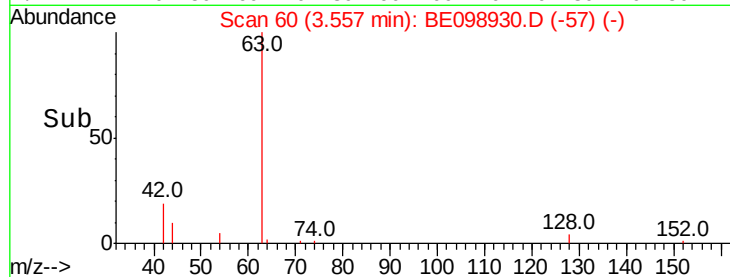
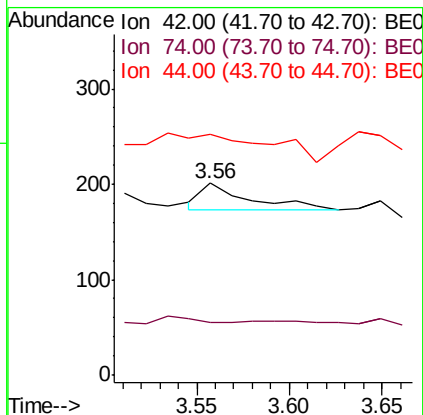
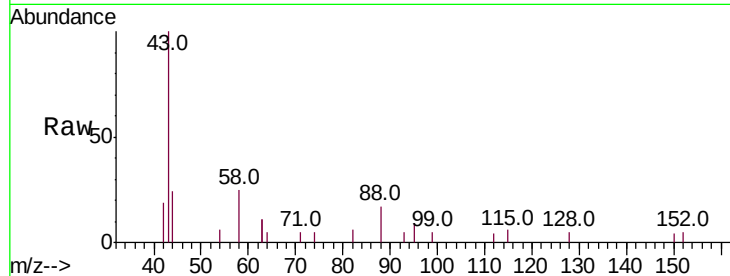
Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

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

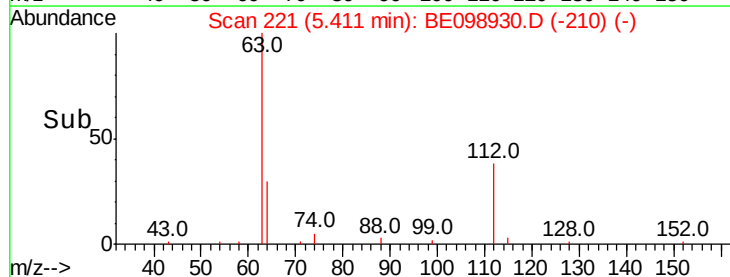
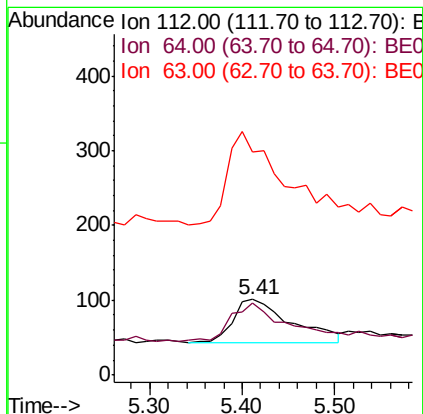
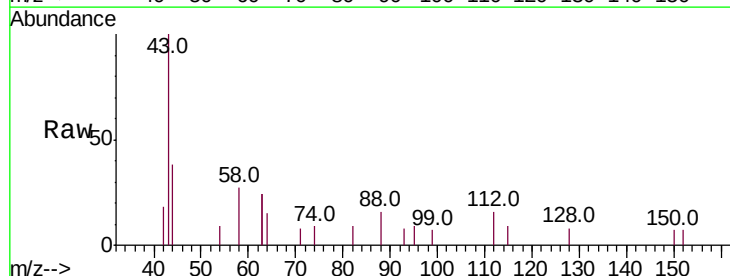
RT: 5.41 min Scan# 221

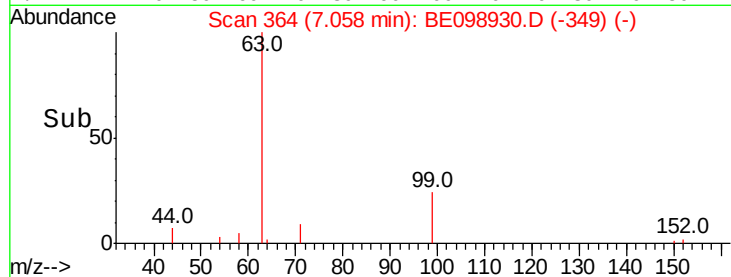
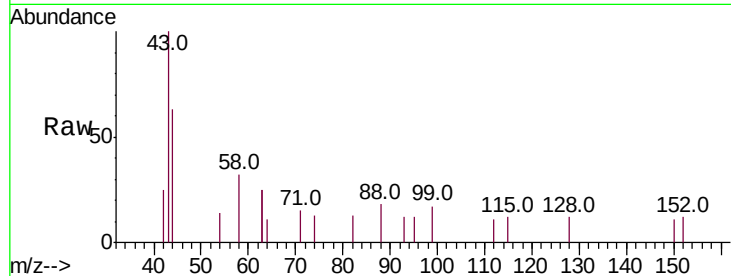
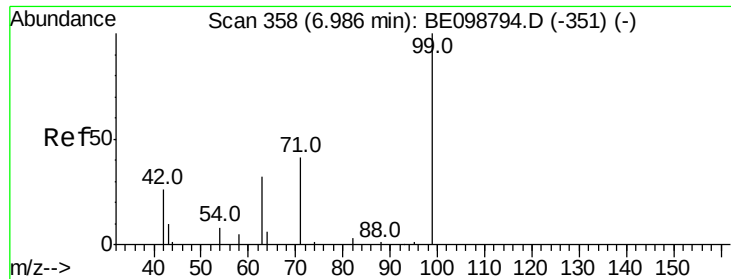
Delta R.T. 0.03 min

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 :

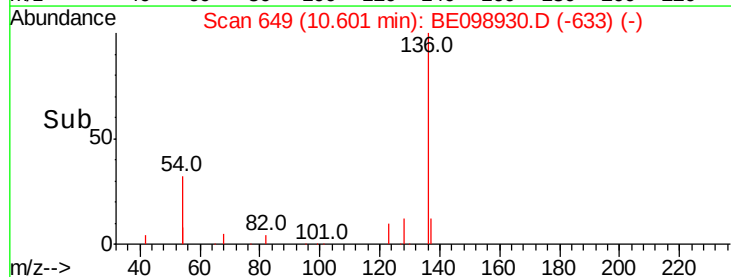
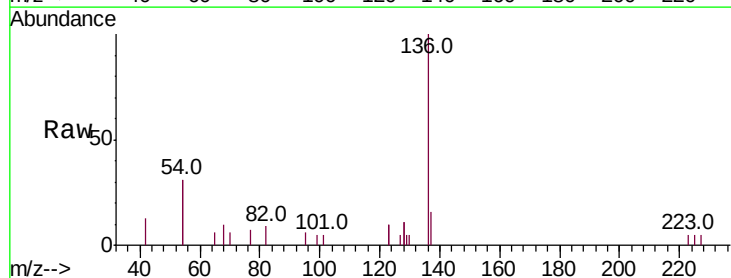
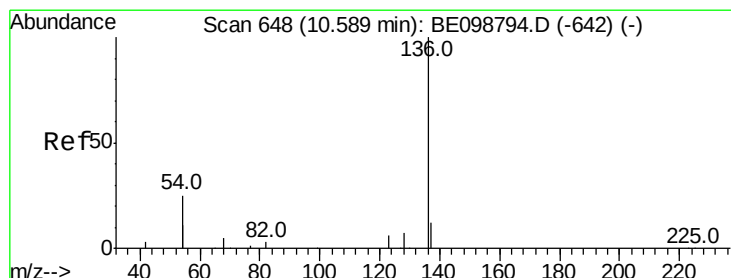
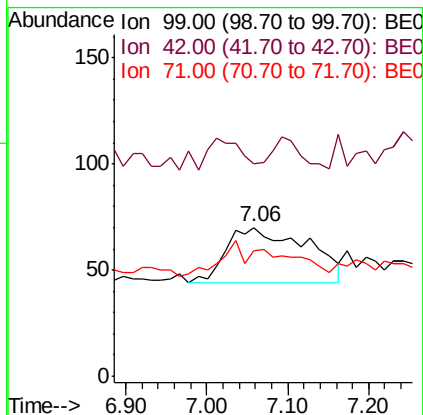
Tot Ion: 99 Resp: 180

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 0.0 35.7 53.5#



#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

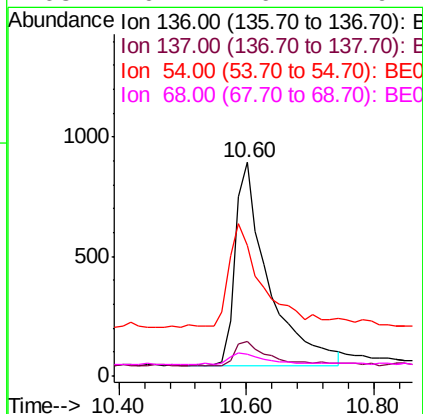
Ion Ratio Lower Upper

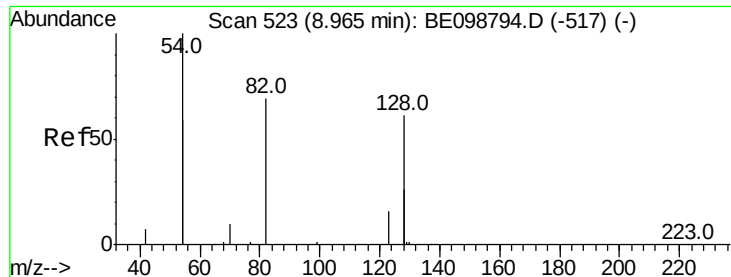
136 100

137 15.9 11.4 17.0

54 61.1 39.3 58.9#

68 10.4 6.7 10.1#

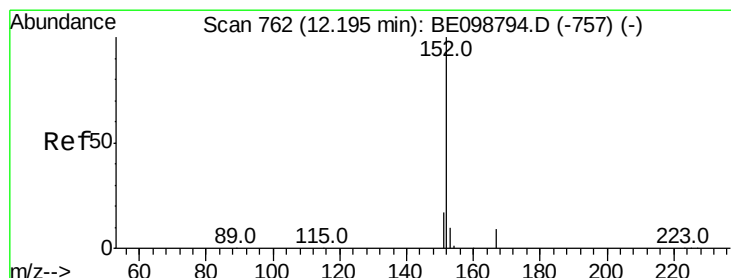
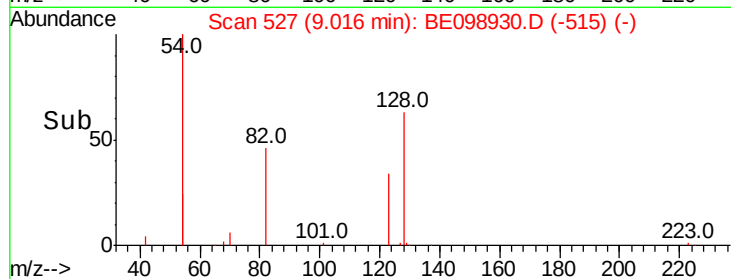
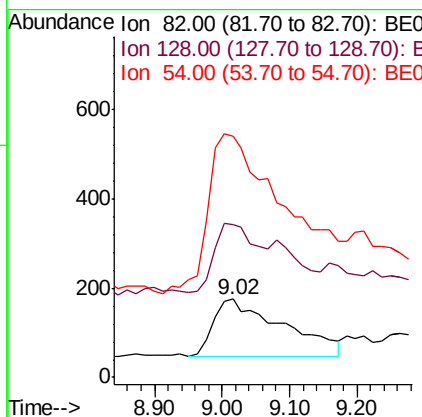
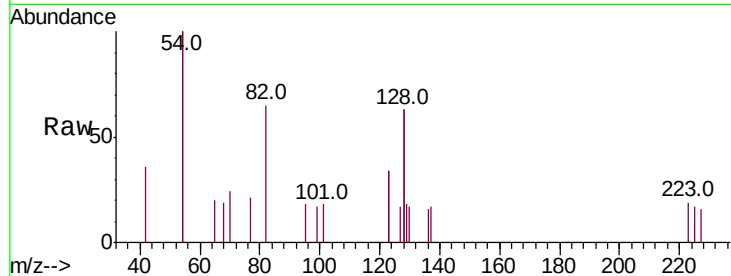




#8
 Nitrobenzene-d5
 Concen: 0.283 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

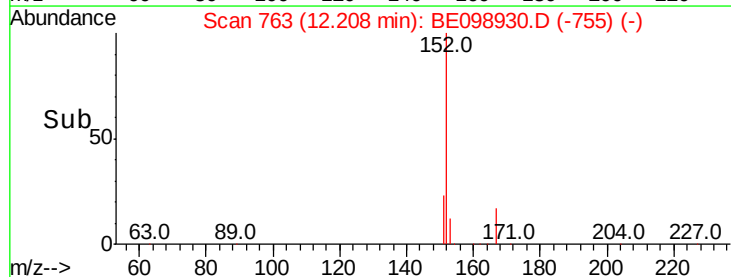
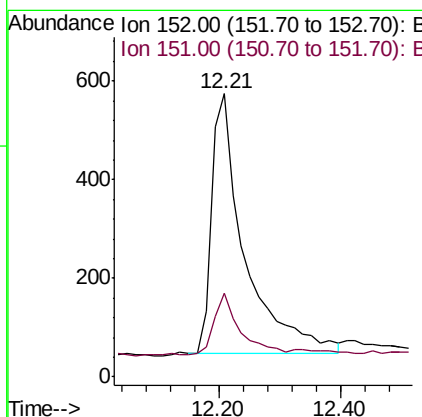
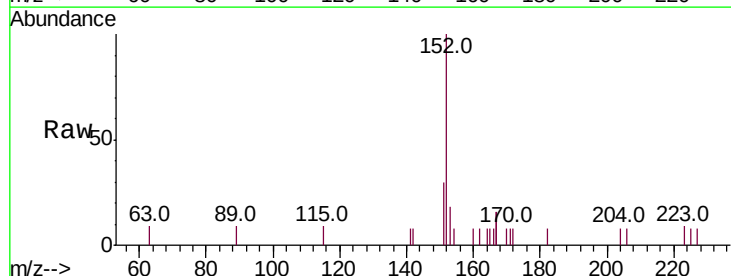
Instrument :
 BNA_E
 ClientSampleID :

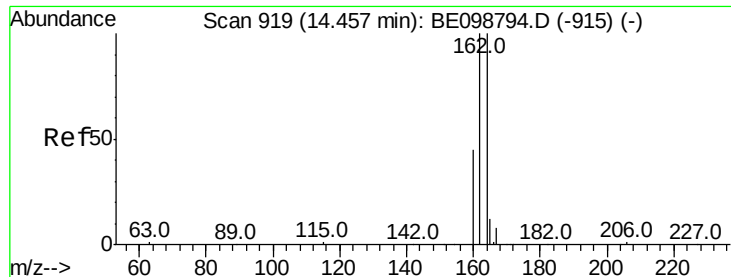
Tot Ion	82	Resp	912
Ion Ratio	Lower	Upper	
82	100		
128	195.4	123.8	185.8#
54	308.6	203.4	305.2#



#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

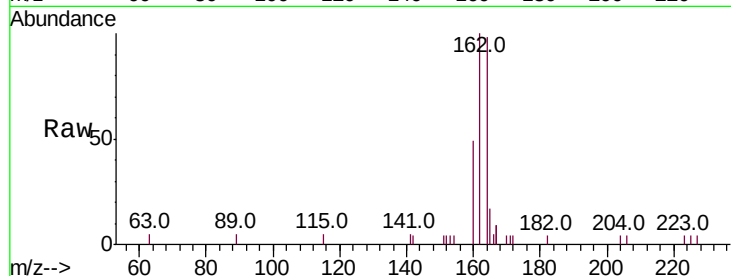




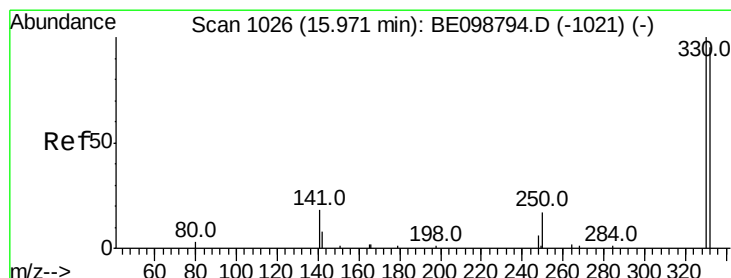
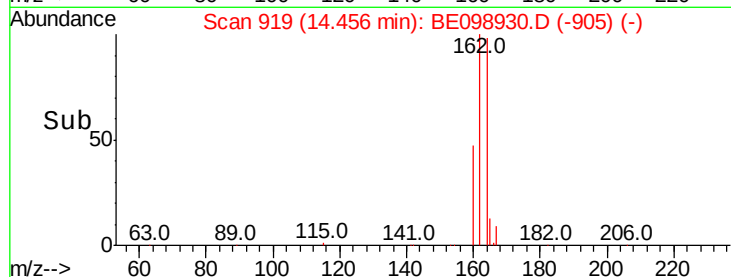
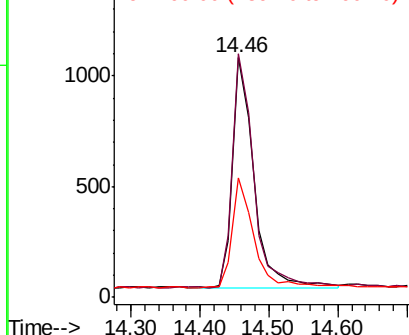
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Instrument :
BNA_E
ClientSampled :

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

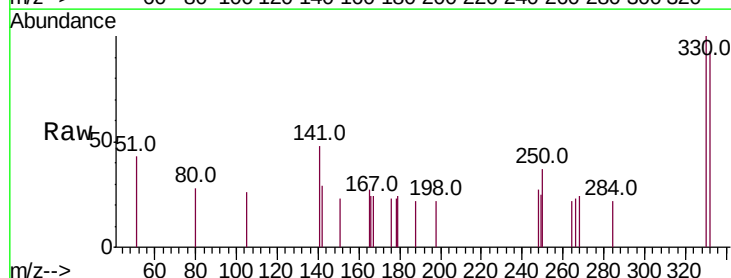


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

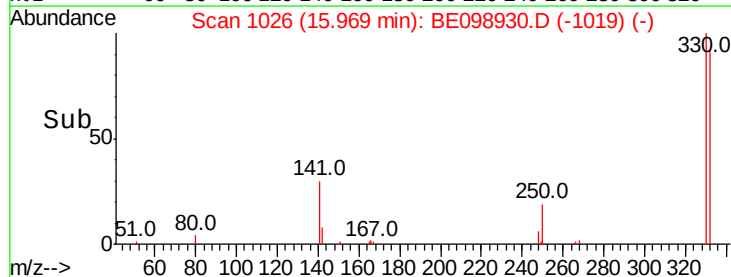
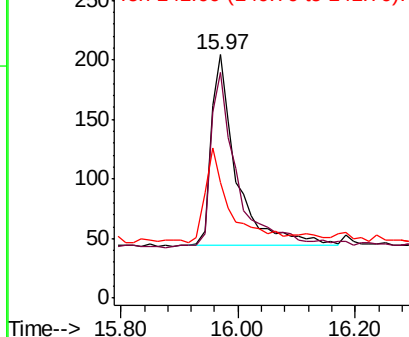


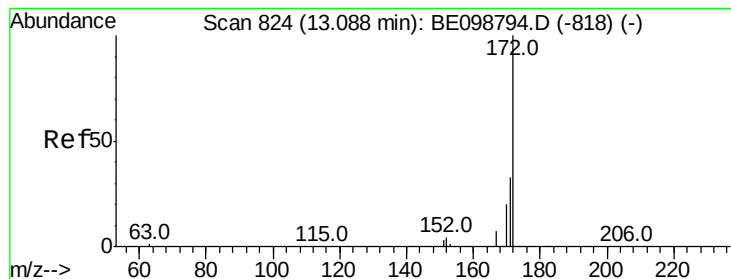
#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

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

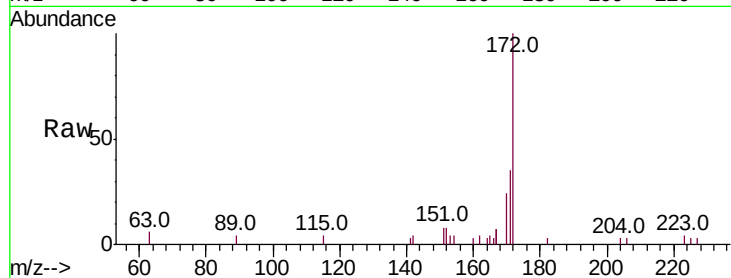




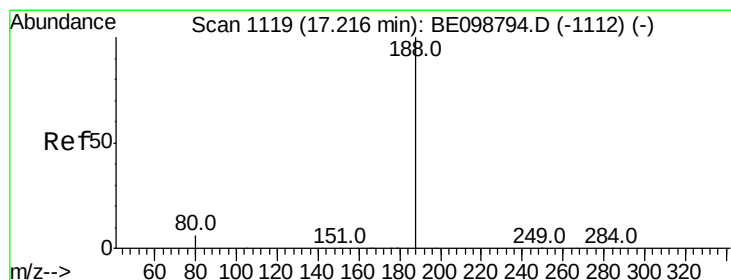
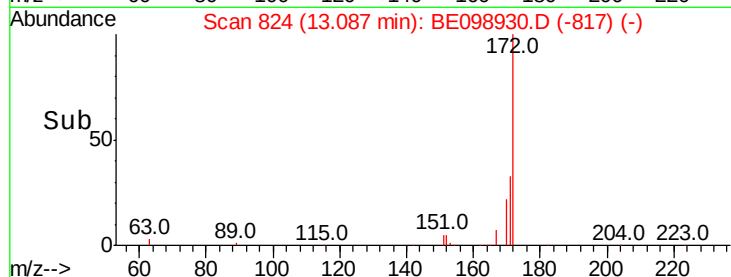
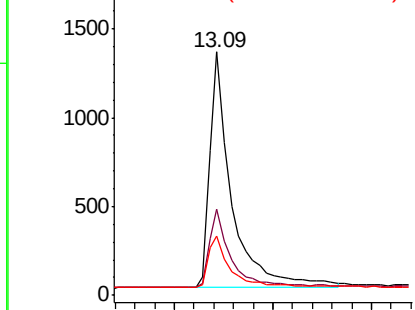
#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :

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

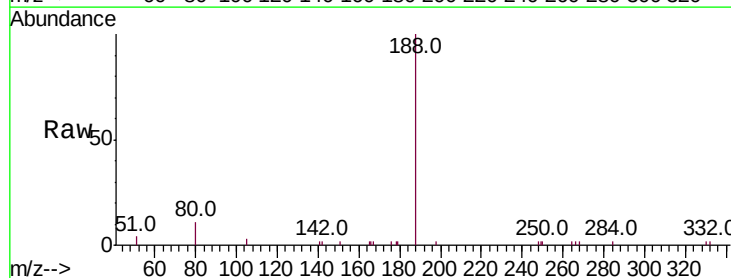


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

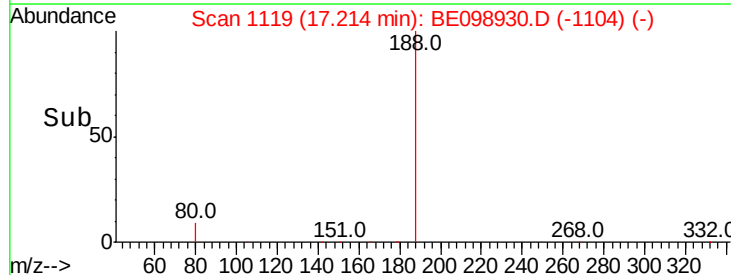
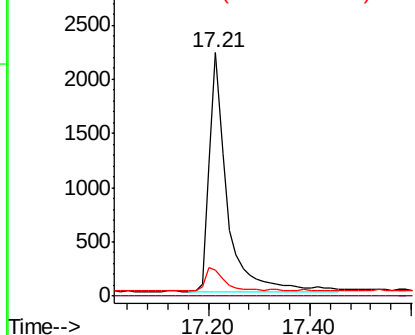


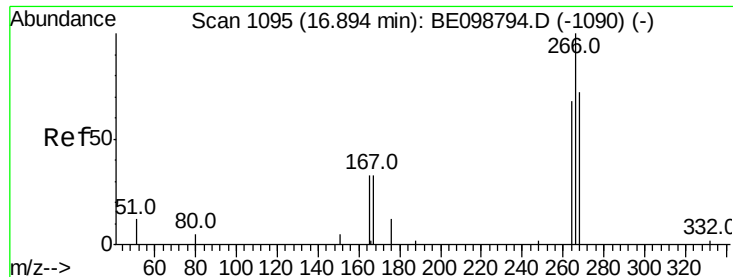
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

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



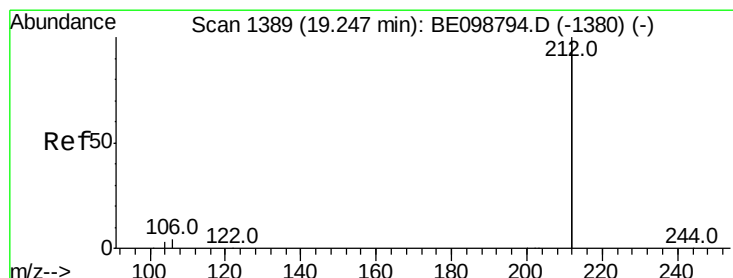
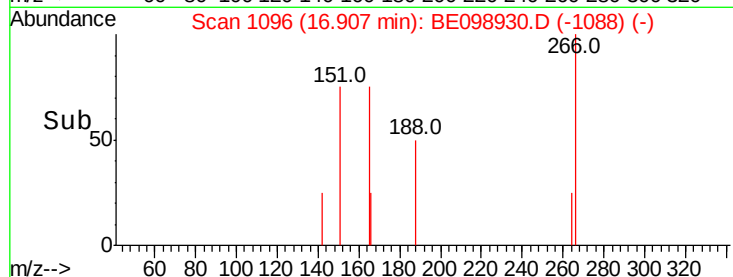
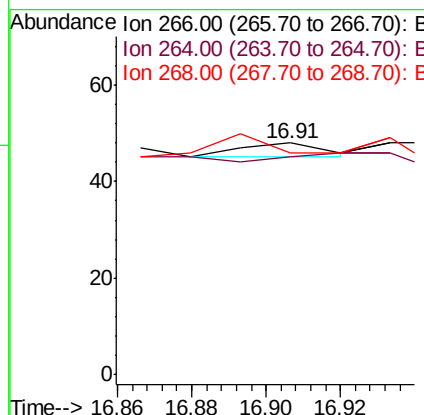
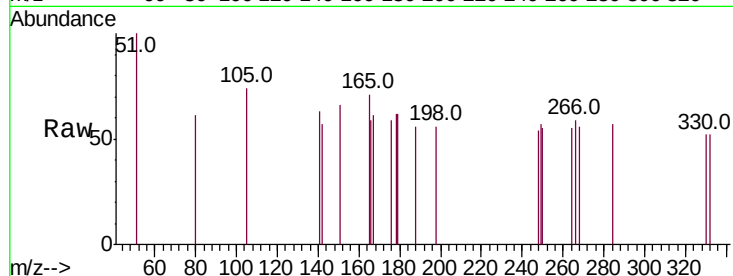


#22
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 5

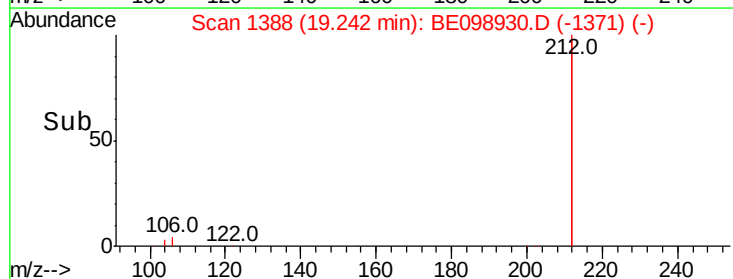
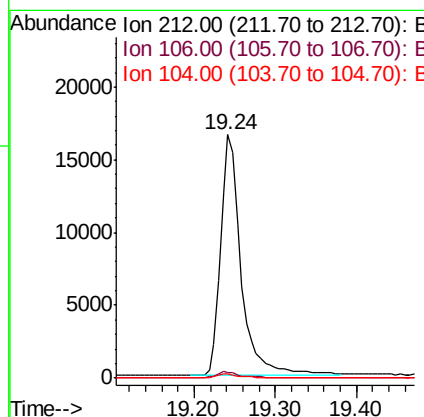
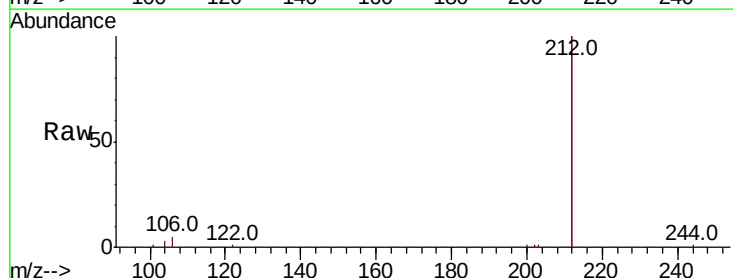
Ion	Ratio	Lower	Upper
266	100		
264	93.8	66.6	100.0
268	95.8	69.8	104.8

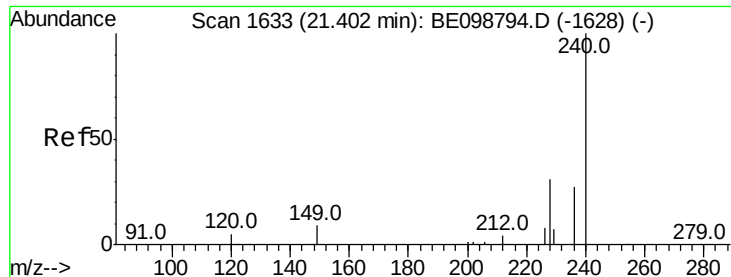


#25
 Fluoranthene-d10
 Concen: 0.340 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098930.D
 Acq: 14 Mar 2019 3:45

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

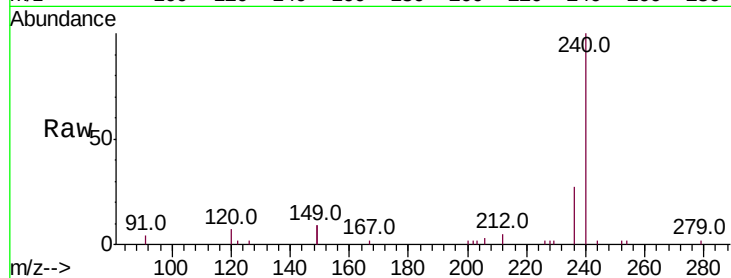
Instrument :

BNA_E

ClientSampleId :

Tot Ion:240 Resp: 6550

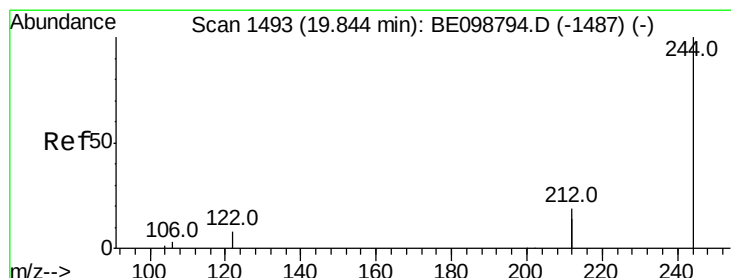
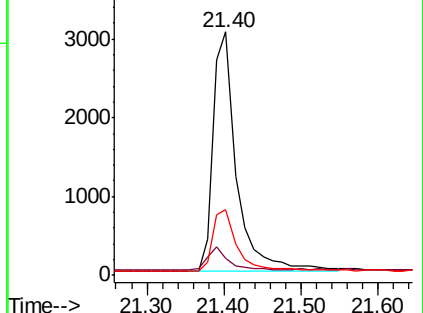
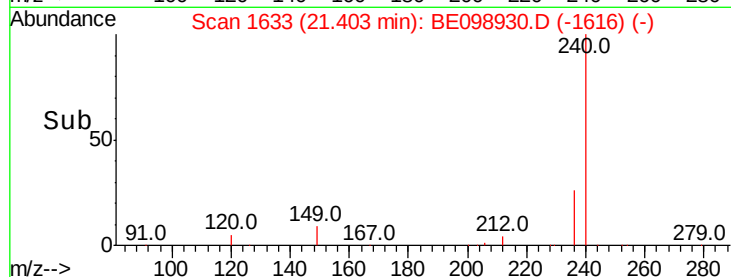
Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.0	7.4
236	26.9	22.7	34.1



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

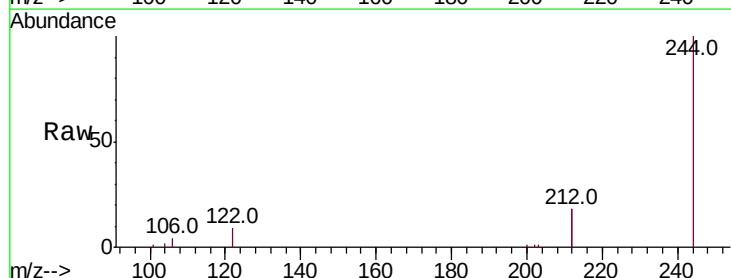
Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Tgt Ion:244 Resp: 9460

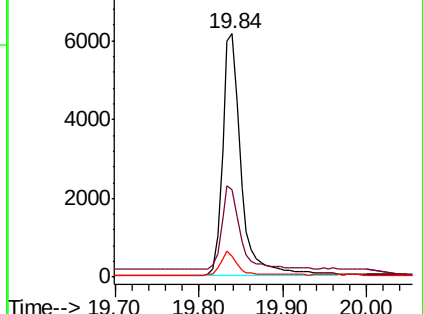
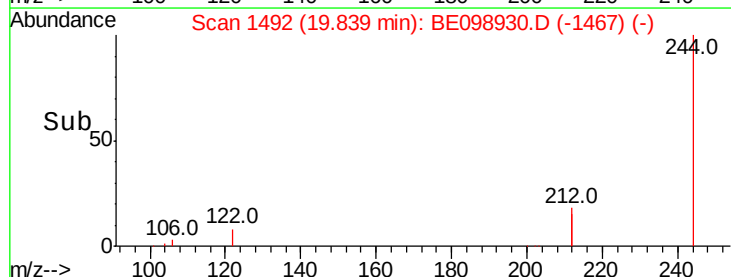
Ion	Ratio	Lower	Upper
244	100		
212	35.7	29.4	44.2
122	8.7	7.1	10.7

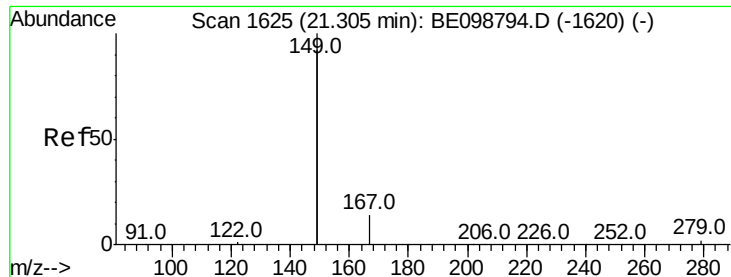


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

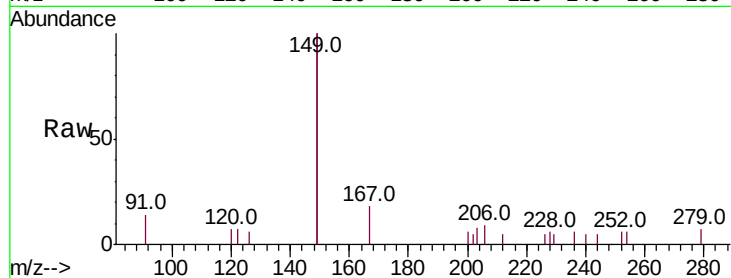
Tot Ion:149 Resp: 1643

Ion Ratio Lower Upper

149 100

167 8.8 5.4 8.0#

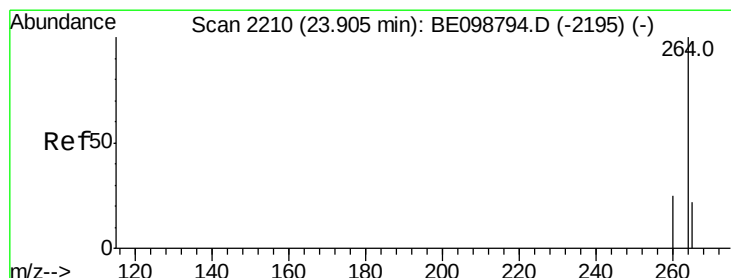
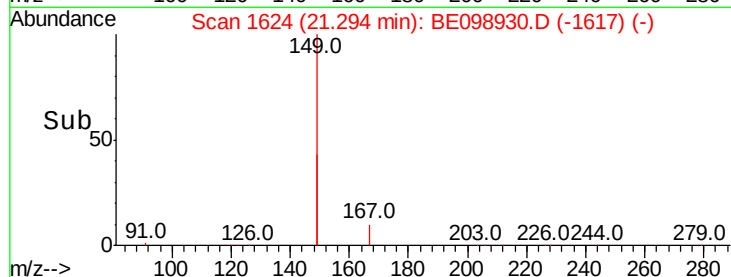
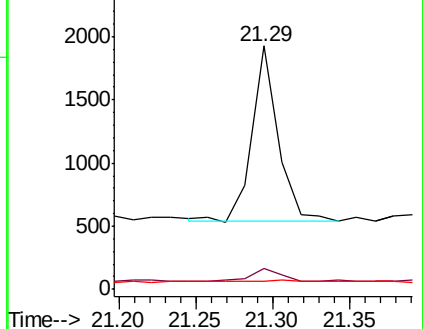
279 1.5 1.0 1.4#



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

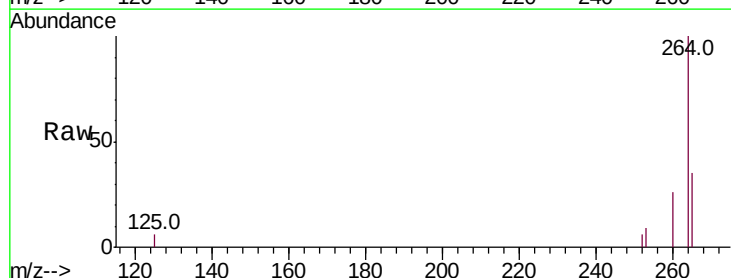
Tgt Ion:264 Resp: 3616

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

