

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098931.D
 Acq On : 14 Mar 2019 4:21
 Operator : JU/SJ
 Sample : K1860-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:58:00 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

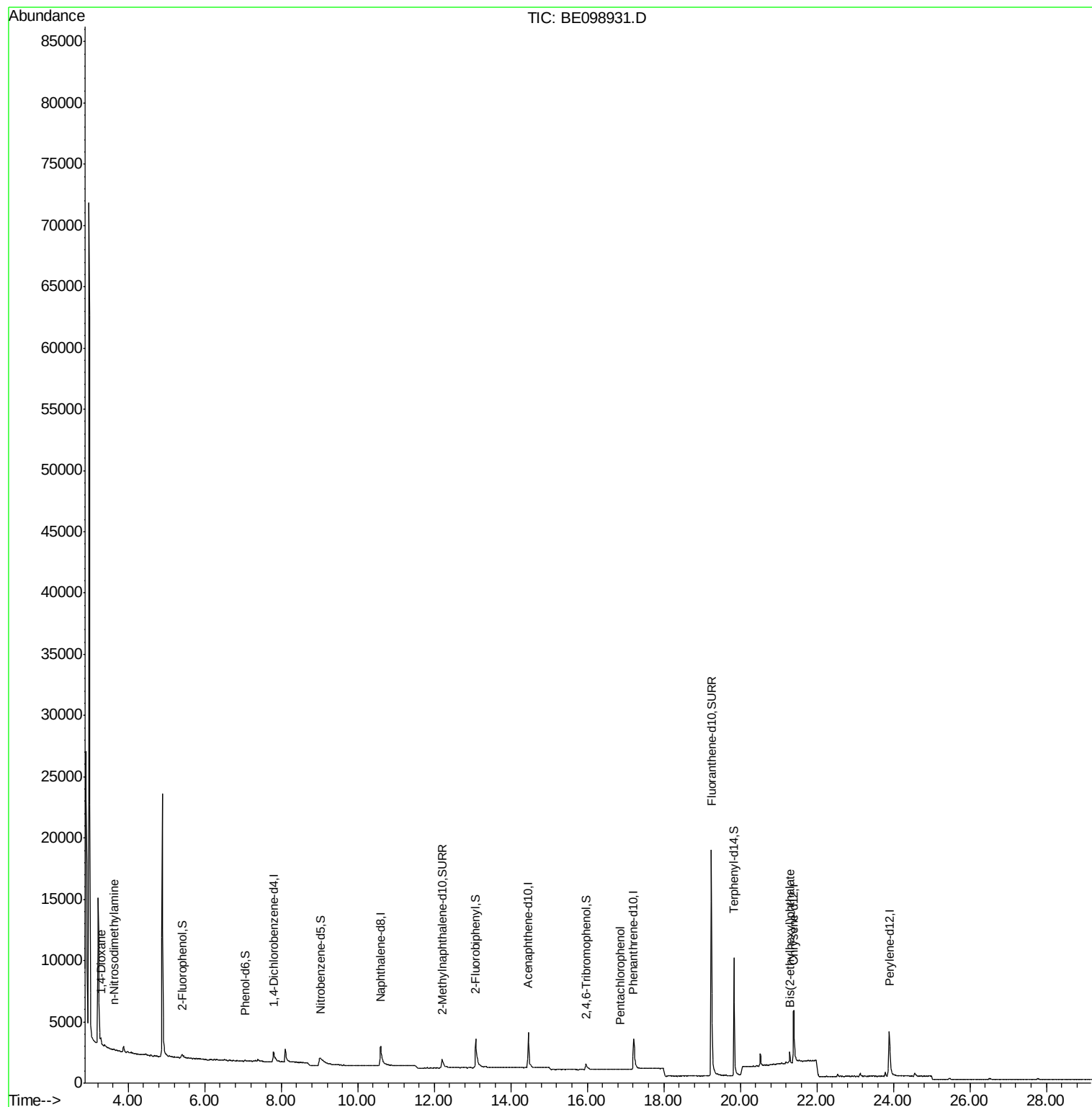
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	758	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3410	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2448	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5964	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7178	0.40	ng	0.00
34) Perylene-d12	23.90	264	6868	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	299	0.13	ng	0.02
5) Phenol-d6	7.06	99	125	0.04	ng	0.07
8) Nitrobenzene-d5	9.03	82	1058	0.30	ng	0.07
11) 2-Methylnaphthalene-d10	12.21	152	2288	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	526	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4721	0.47	ng	0.00
25) Fluoranthene-d10	19.24	212	31937	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9956	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	291	0.145	ng	Qvalue # 36
3) n-Nitrosodimethylamine	3.62	42	43	0.023	ng	# 42
22) Pentachlorophenol	16.87	266	12	0.274	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	1010	0.021	ng	# 90

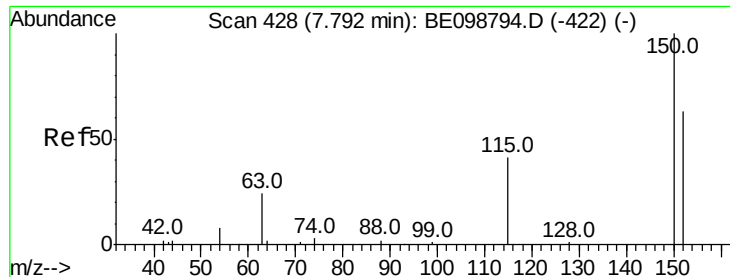
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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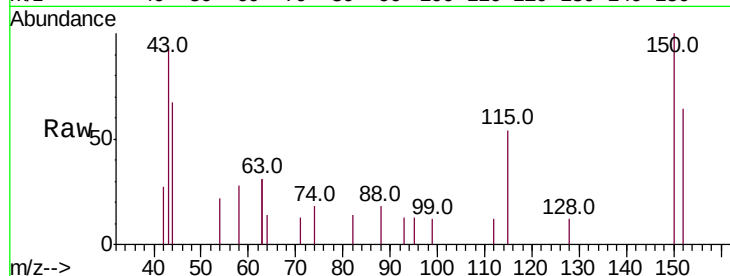


#1

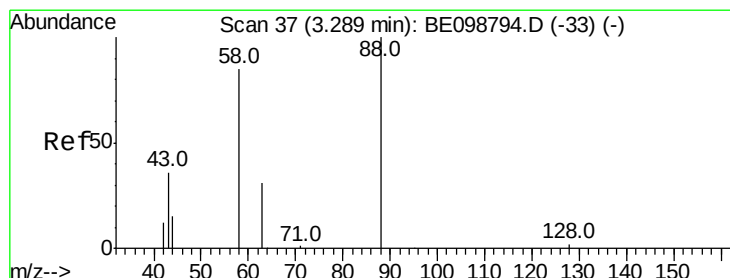
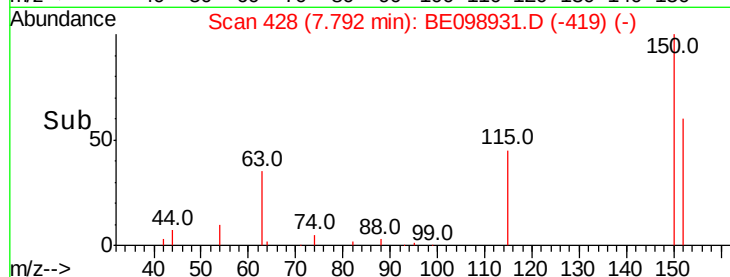
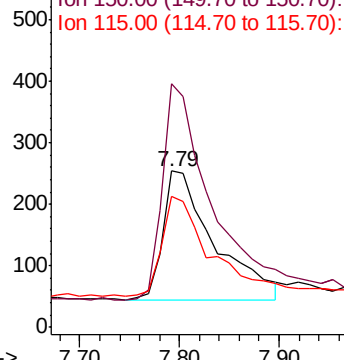
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098931.D
Acq: 14 Mar 2019 4:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 758
Ion Ratio Lower Upper
152 100
150 155.9 122.5 183.7
115 83.5 57.4 86.2



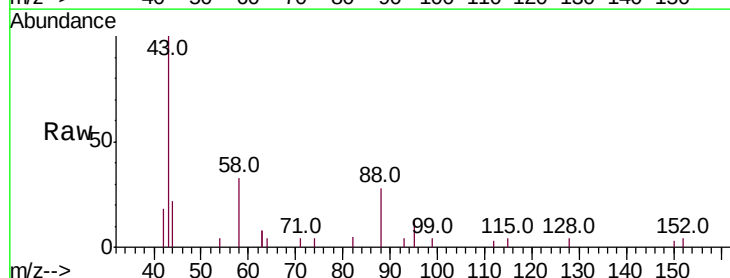
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



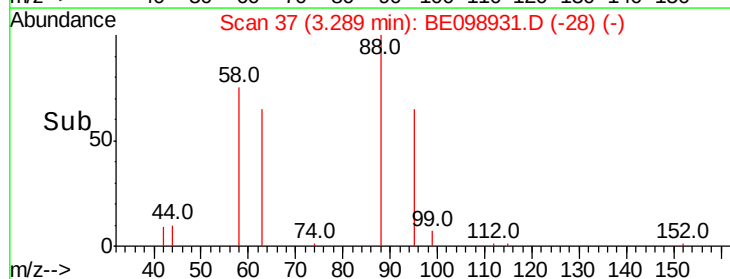
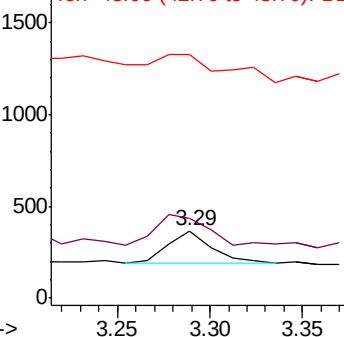
#2

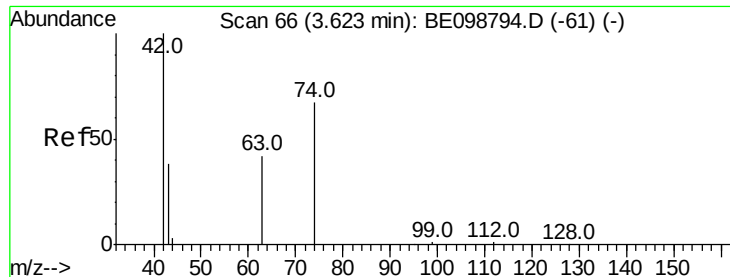
1,4-Dioxane
Concen: 0.145 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098931.D
Acq: 14 Mar 2019 4:21

Tgt Ion: 88 Resp: 291
Ion Ratio Lower Upper
88 100
58 115.1 75.8 113.6#
43 151.5 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: 0.023 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE098931.D

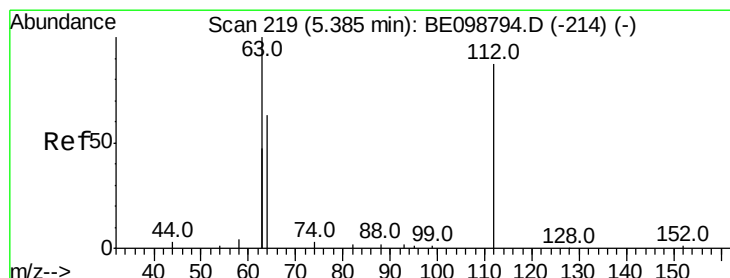
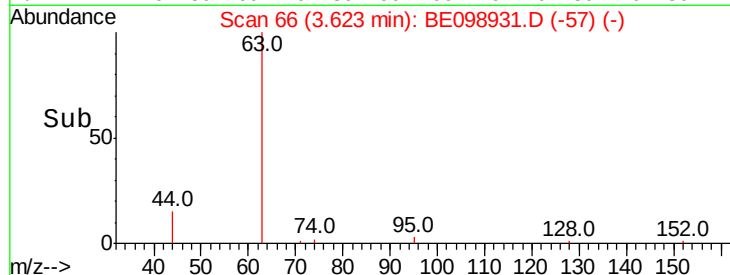
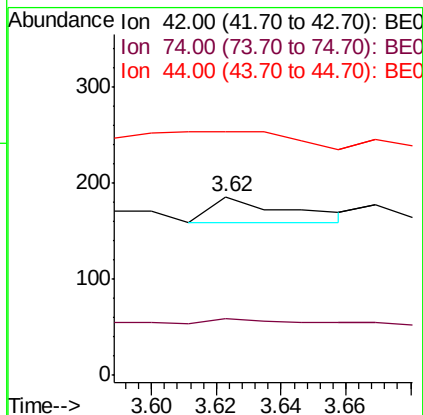
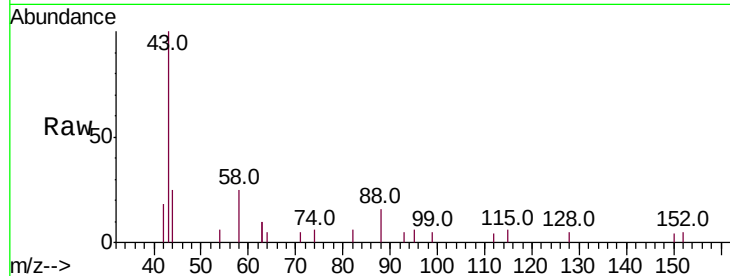
Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	43
Ion	Ratio	Lower	Upper
42	100		
74	23.3	57.0	85.4#
44	172.1	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.132 ng

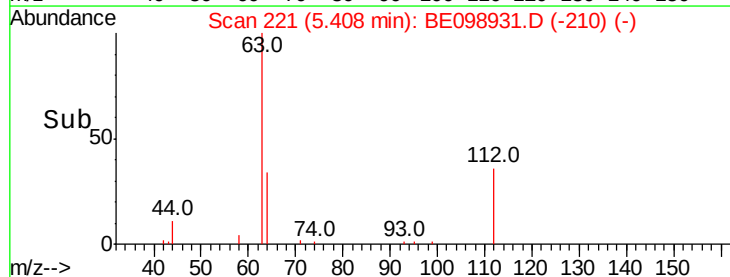
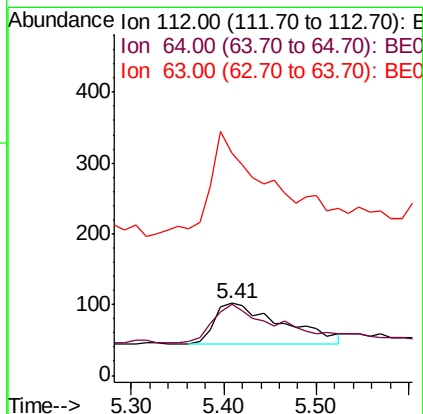
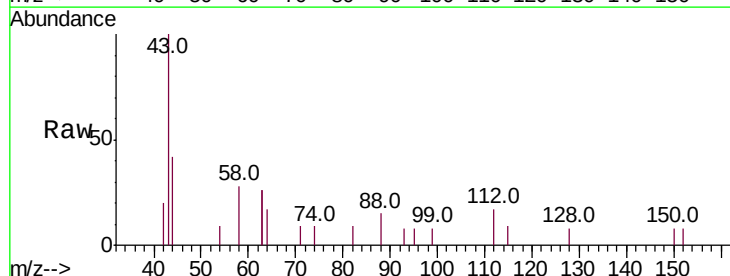
RT: 5.41 min Scan# 221

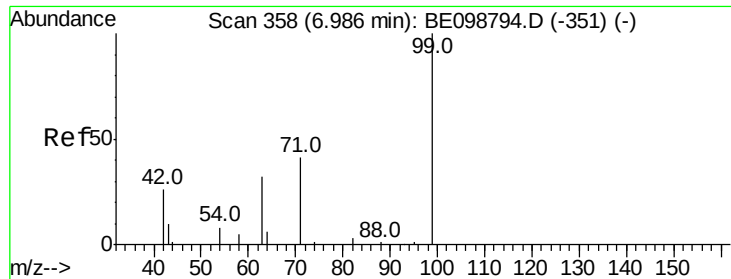
Delta R.T. 0.02 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Tgt Ion:	112	Resp:	299
Ion	Ratio	Lower	Upper
112	100		
64	102.7	57.9	86.9#
63	246.8	158.3	237.5#





#5

Phenol-d6

Concen: 0.039 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

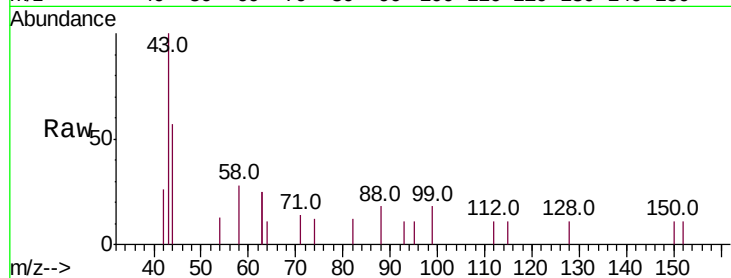
Tot Ion: 99 Resp: 125

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

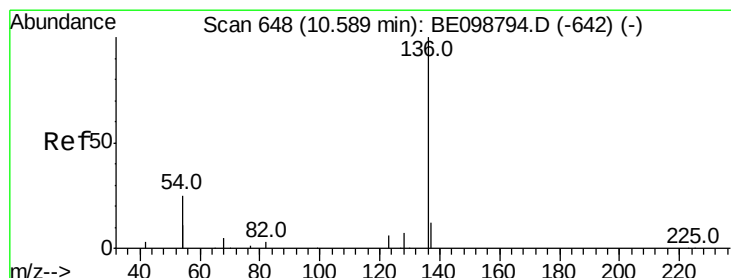
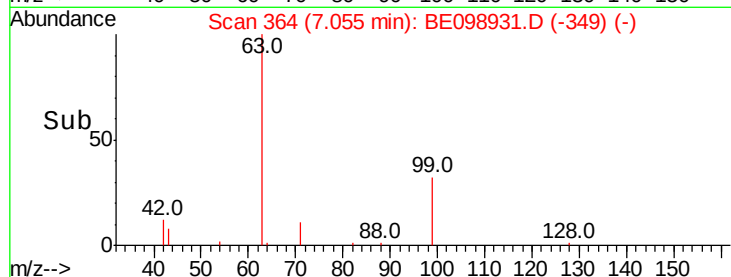
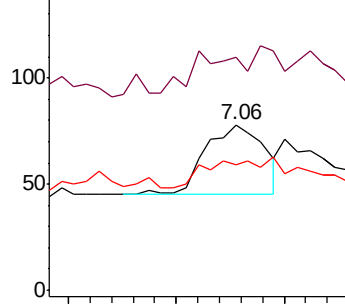
71 0.0 35.7 53.5#



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: BE098931.D

Acq: 14 Mar 2019 4:21

Tgt Ion: 136 Resp: 3410

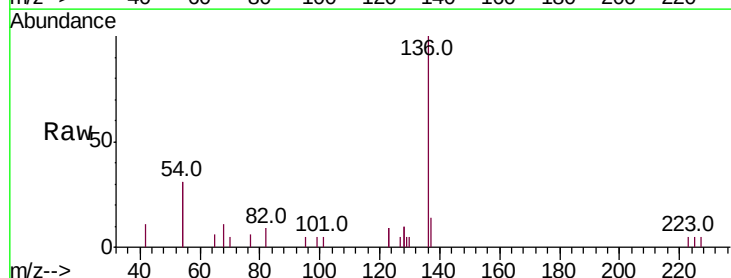
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 62.2 39.3 58.9#

68 10.6 6.7 10.1#

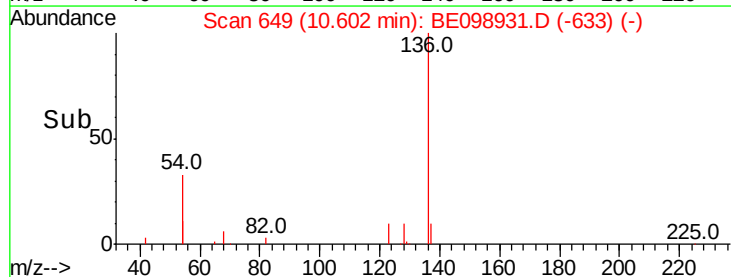
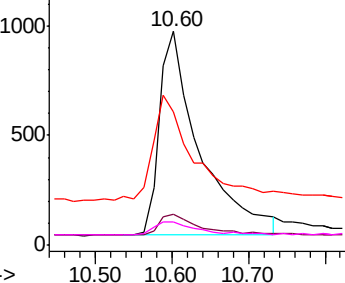


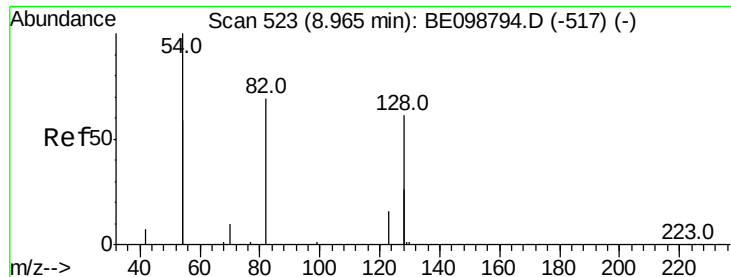
Abundance Ion 136.00 (135.70 to 136.70): E

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

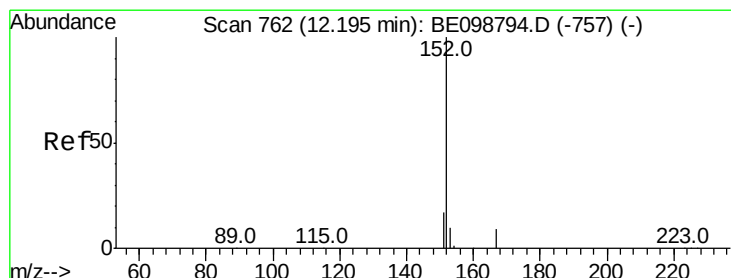
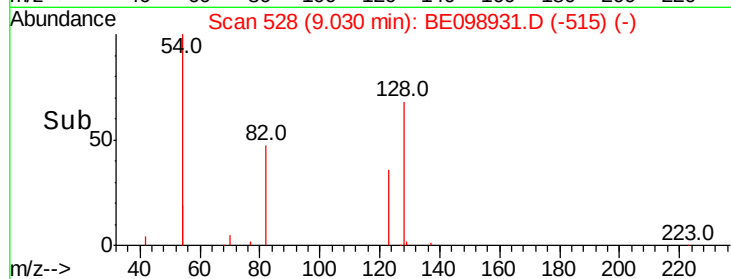
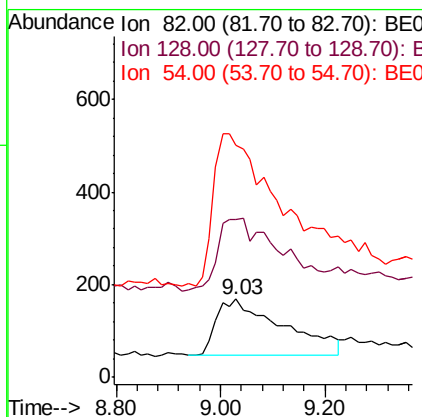
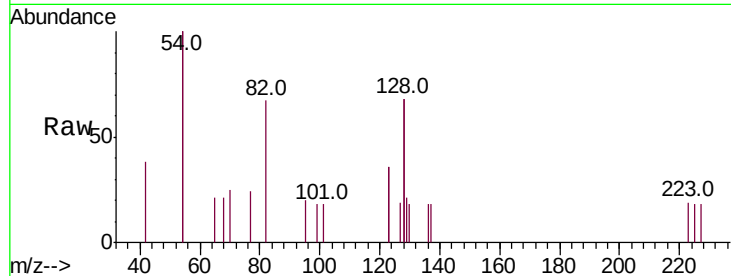




#8
 Nitrobenzene-d5
 Concen: 0.296 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.07 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

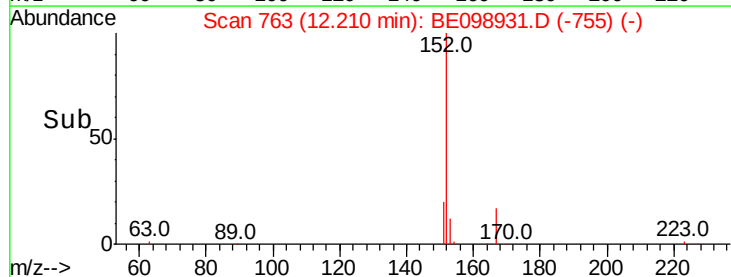
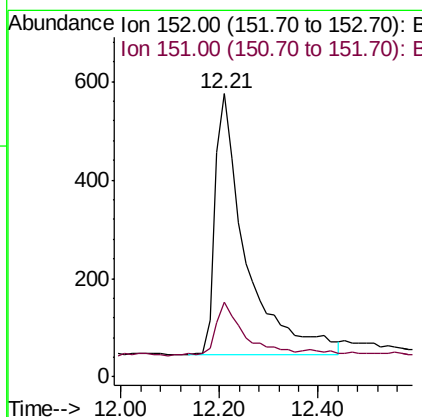
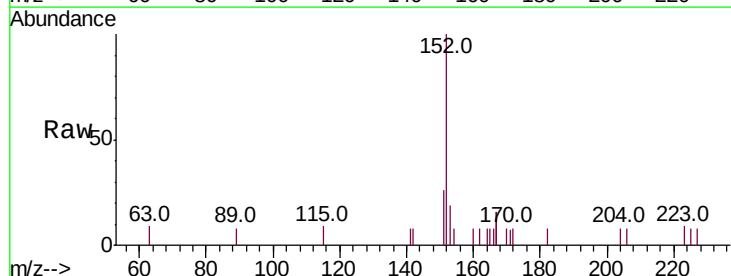
Instrument :
 BNA_E
 ClientSampleId :

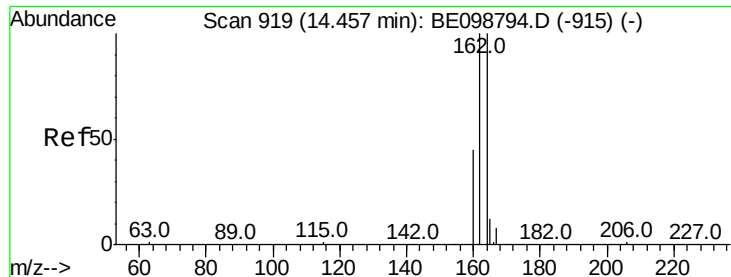
Tot Ion	82	Resp	1058
Ion Ratio	Lower	Upper	
82	100		
128	203.6	123.8	185.8#
54	297.6	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.363 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Tgt Ion	152	Resp	2288
Ion Ratio	Lower	Upper	
152	100		
151	17.3	16.5	24.7

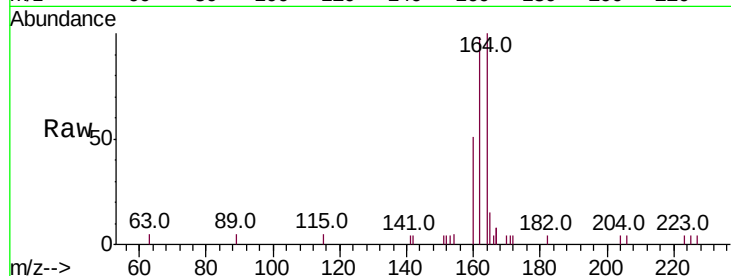




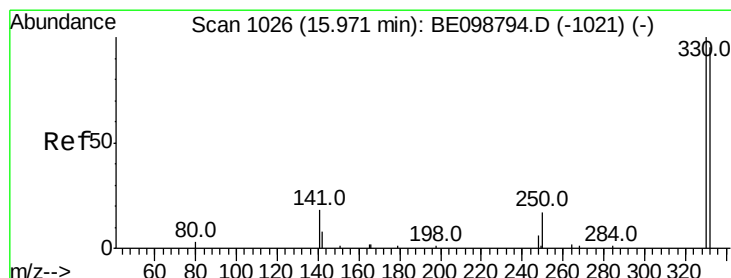
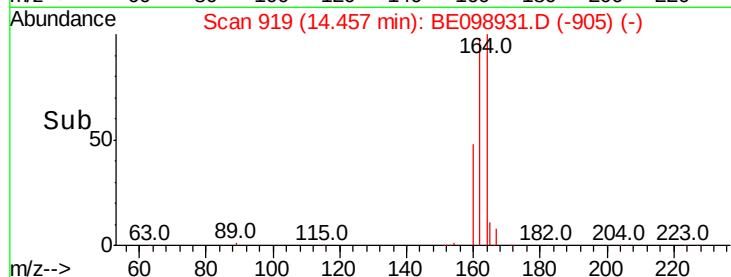
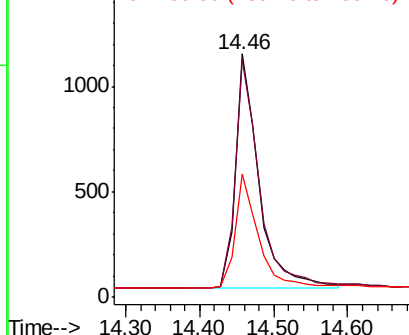
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2448
 Ion Ratio Lower Upper
 164 100
 162 97.7 80.2 120.2
 160 50.5 37.8 56.8

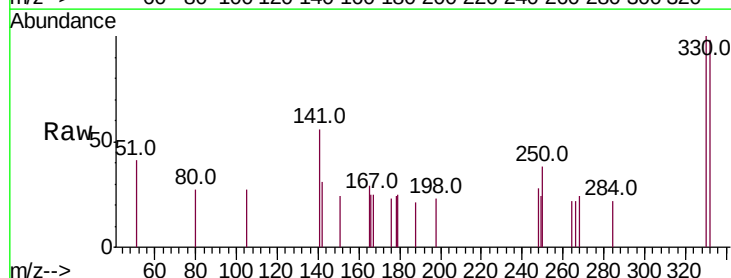


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

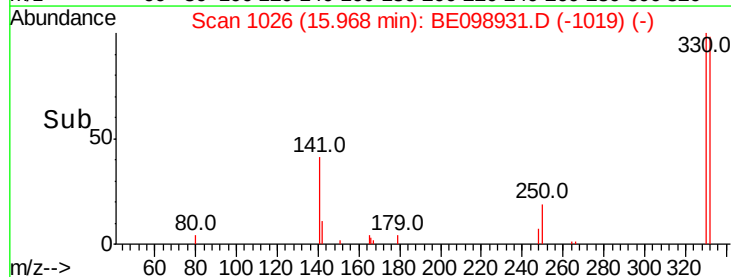
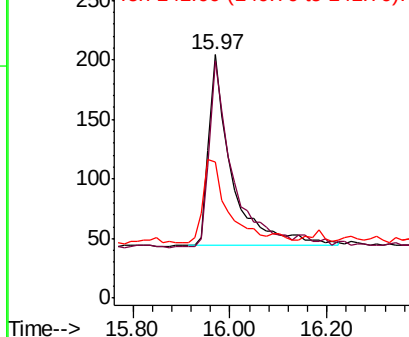


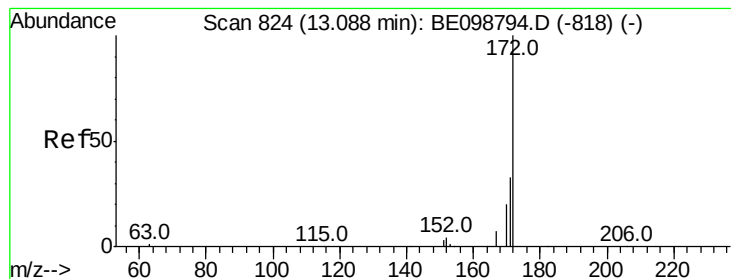
#14
 2,4,6-Tribromophenol
 Concen: 0.426 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Tgt Ion:330 Resp: 526
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 44.3 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

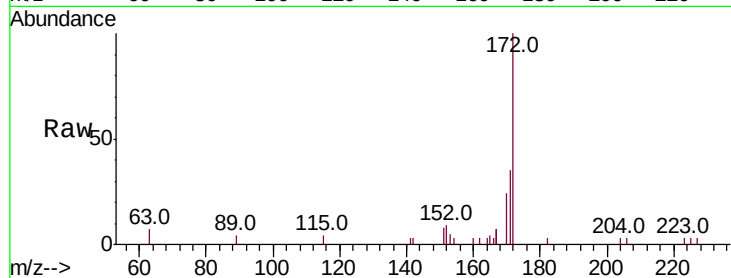




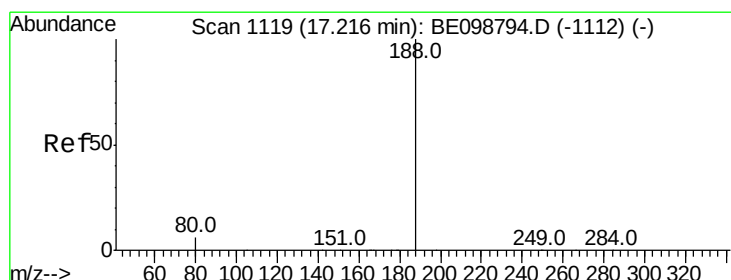
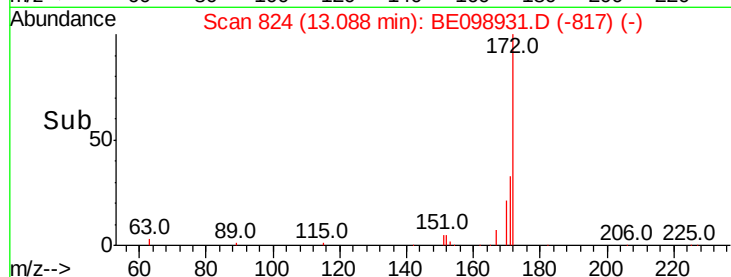
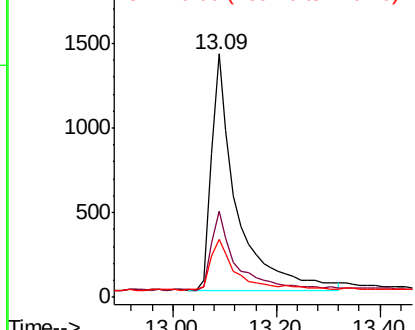
#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098931.D
Acq: 14 Mar 2019 4:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4721
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.9 17.7 26.5

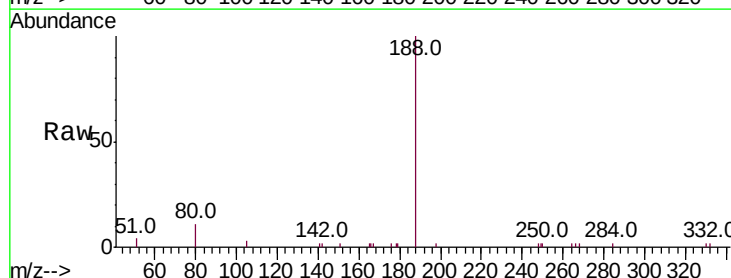


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

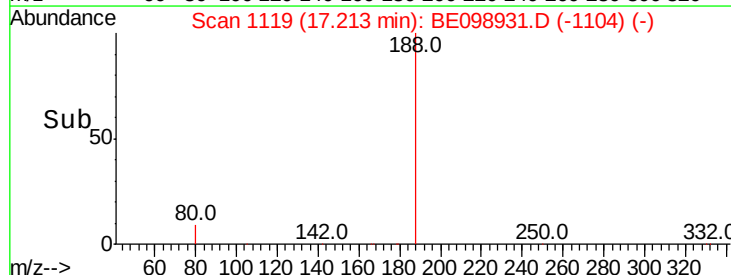
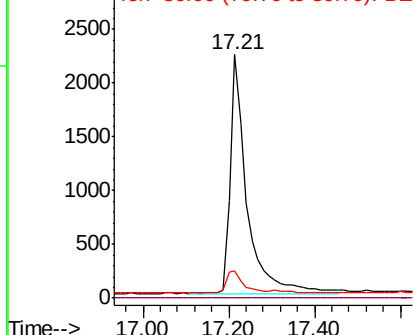


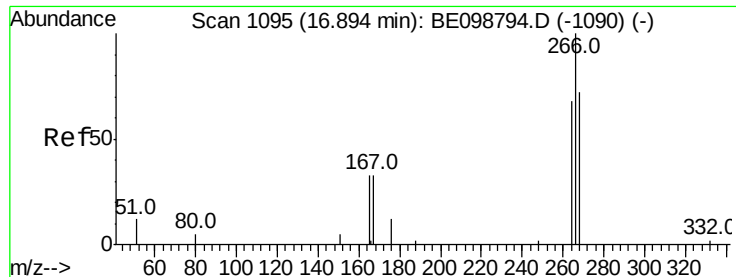
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098931.D
Acq: 14 Mar 2019 4:21

Tgt Ion:188 Resp: 5964
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: 0.274 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

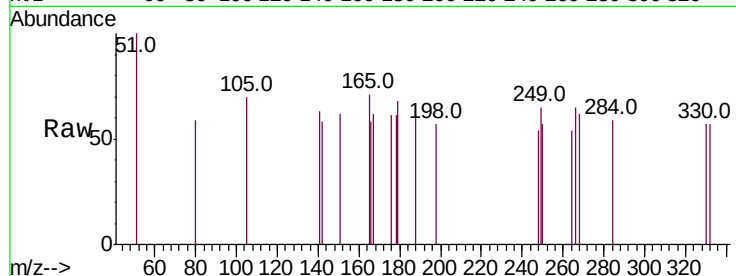
Tot Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 84.3 66.6 100.0

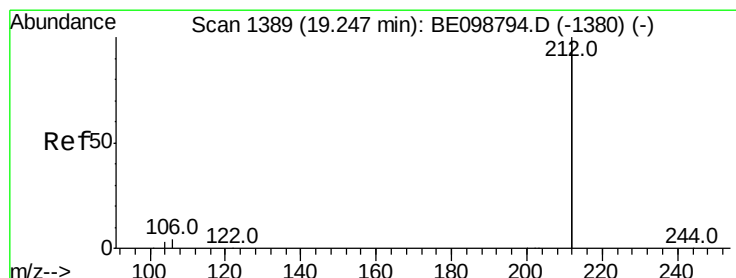
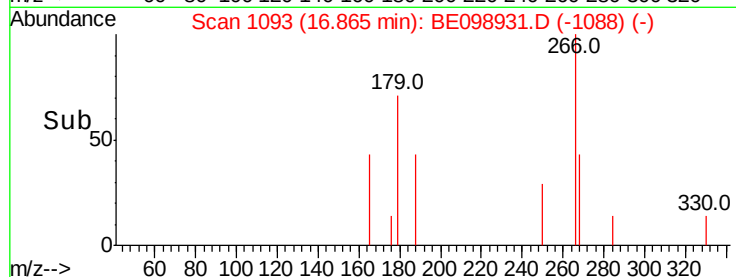
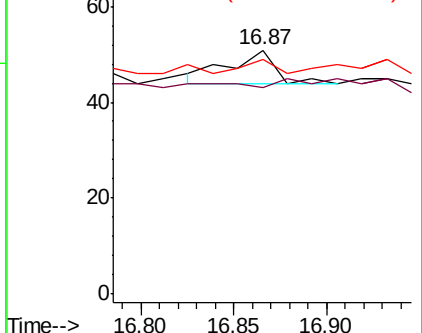
268 96.1 69.8 104.8



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: 0.335 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

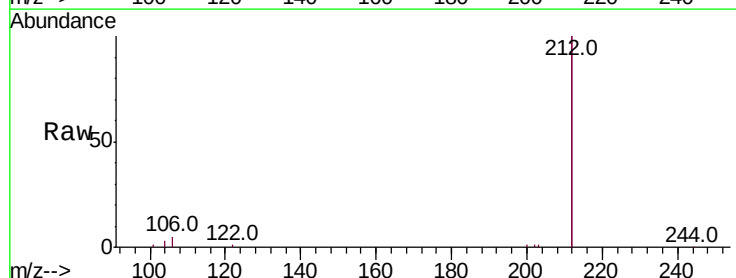
Tgt Ion:212 Resp: 31937

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

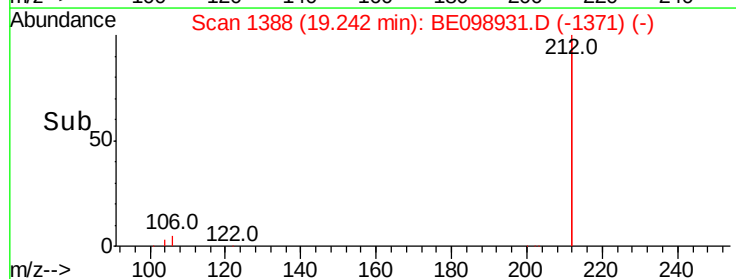
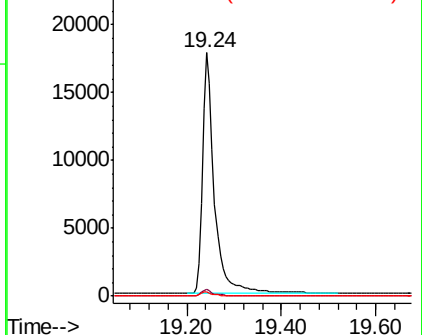
104 1.3 1.0 1.6

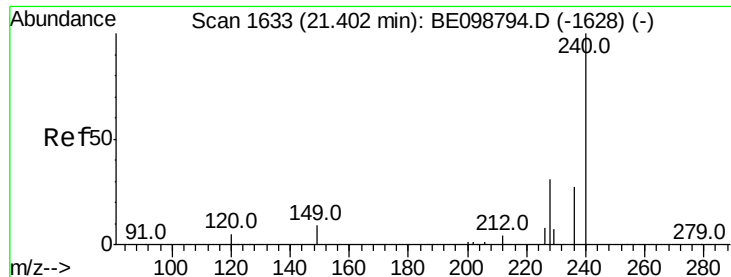


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

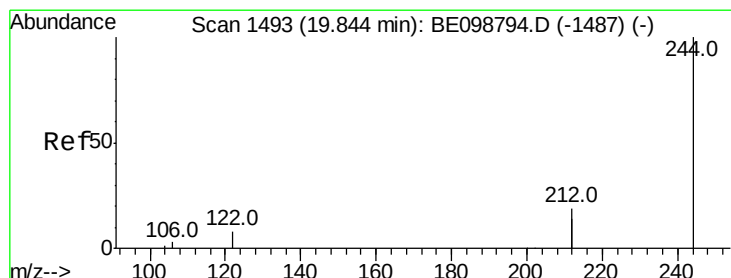
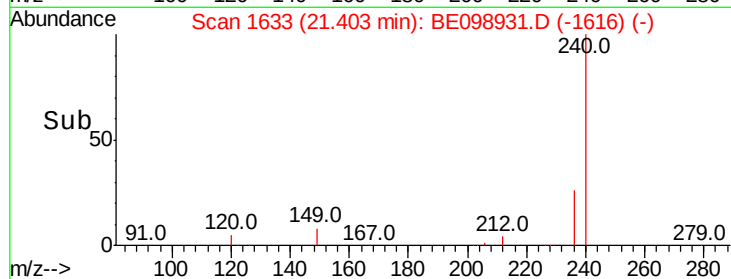
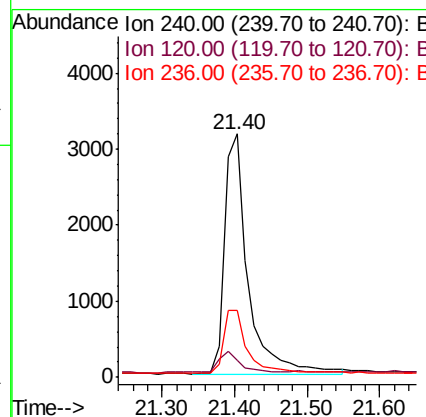
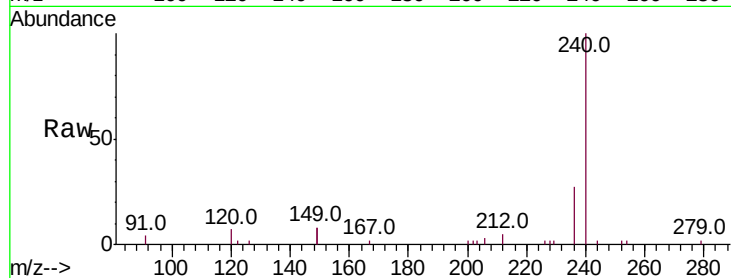




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

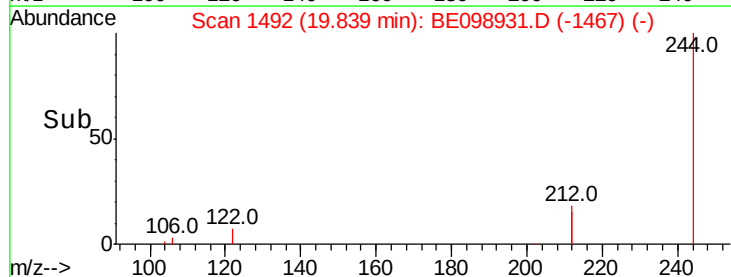
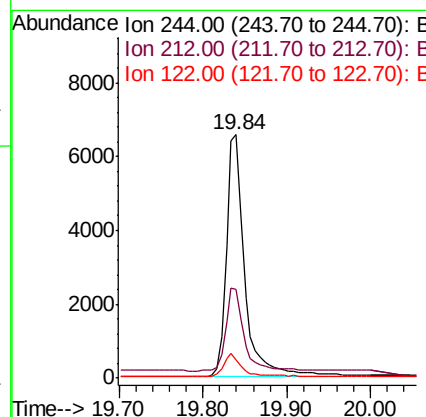
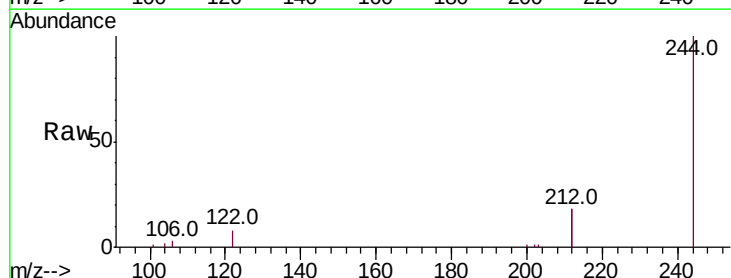
Instrument :
 BNA_E
 ClientSampleId :

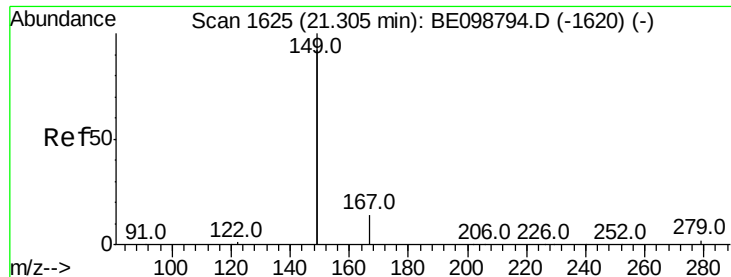
Tot Ion:240 Resp: 7178
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.0 7.4
 236 27.3 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.571 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Tgt Ion:244 Resp: 9956
 Ion Ratio Lower Upper
 244 100
 212 36.6 29.4 44.2
 122 7.8 7.1 10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

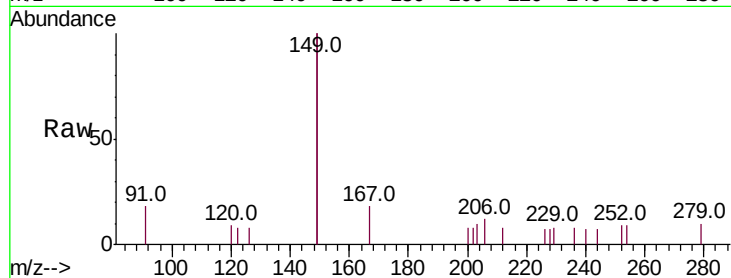
Tot Ion:149 Resp: 1010

Ion Ratio Lower Upper

149 100

167 10.2 5.4 8.0#

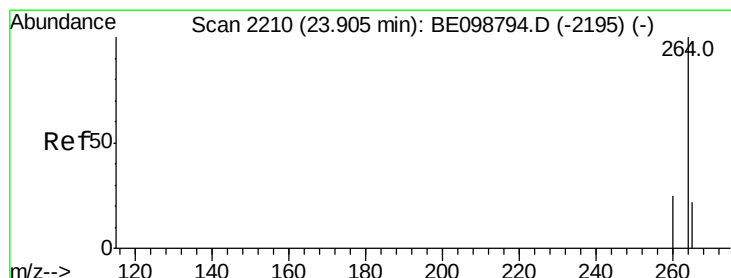
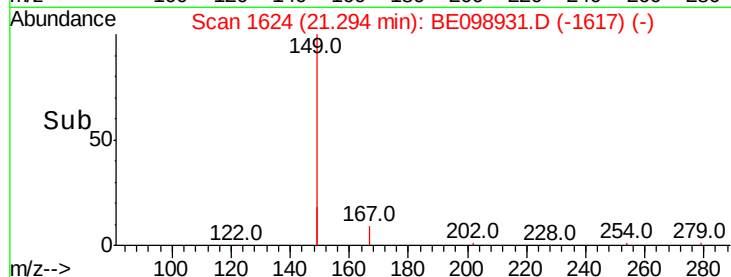
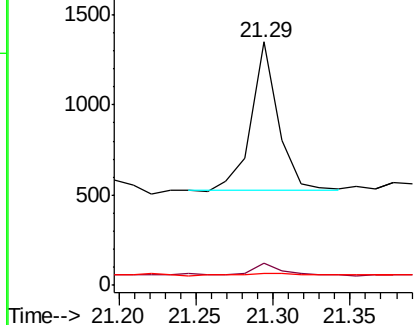
279 5.9 1.0 1.4#



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: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

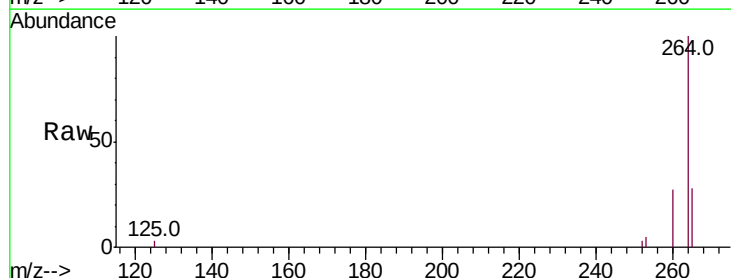
Tgt Ion:264 Resp: 6868

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 28.4 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

