

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE098000.D
 Acq On : 19 Oct 2018 20:21
 Operator : SJ/JU
 Sample : J5572-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 23:30:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

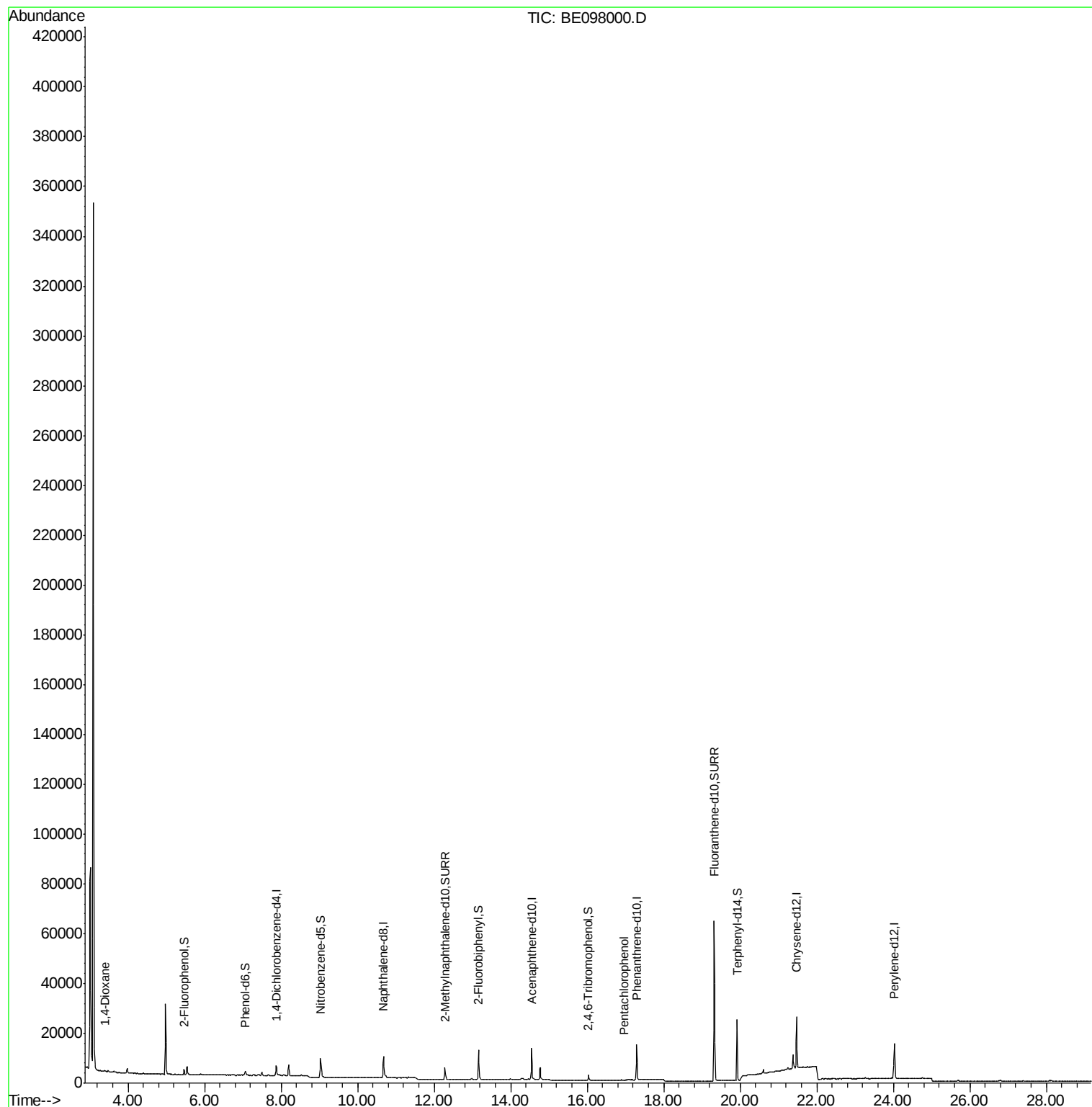
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1926	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	9603	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7303	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	18959	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	21292	0.40	ng	-0.01
34) Perylene-d12	24.02	264	21099	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1028	0.17	ng	0.00
5) Phenol-d6	7.06	99	934	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	3149	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6189	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1368	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	11508	0.39	ng	-0.01
25) Fluoranthene-d10	19.32	212	86881	0.34	ng	-0.01
29) Terphenyl-d14	19.92	244	20629	0.42	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.38	88	142	0.042	ng	# 29
22) Pentachlorophenol	16.95	266	13	0.035	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.38	149	7482	Below	Cal	97
33) Indeno(1,2,3-cd)pyrene	26.72	276	24	Below	Cal	# 95

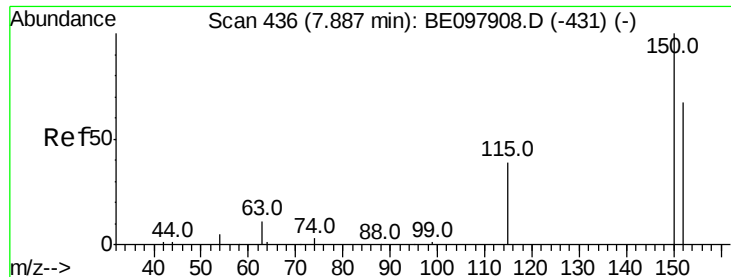
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE098000.D
Acq On : 19 Oct 2018 20:21
Operator : SJ/JU
Sample : J5572-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 19 23:30:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



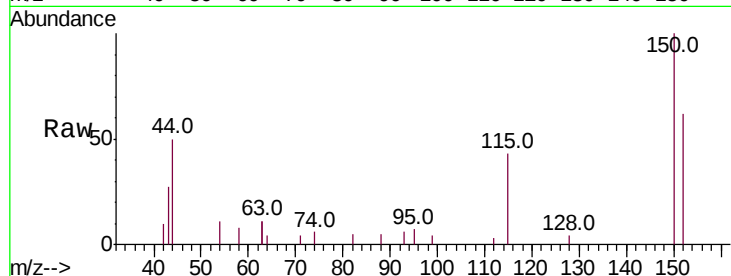


#1

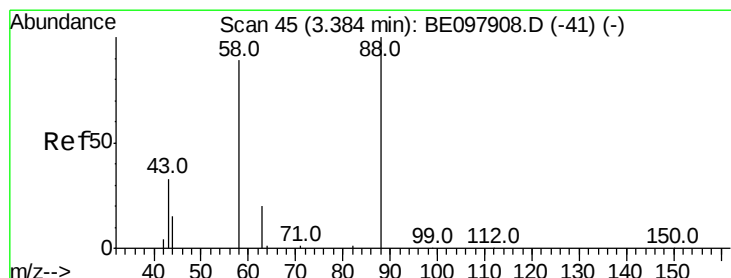
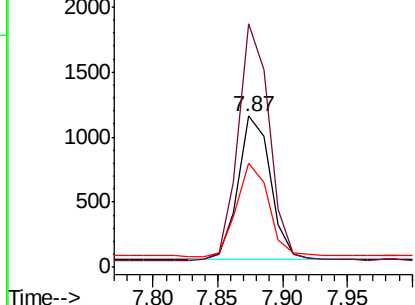
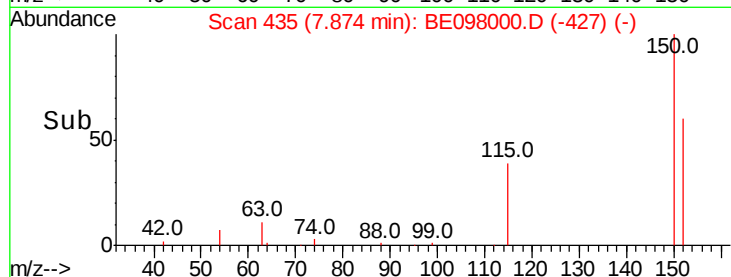
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1926
Ion Ratio Lower Upper
152 100
150 161.0 118.2 177.4
115 68.9 50.9 76.3



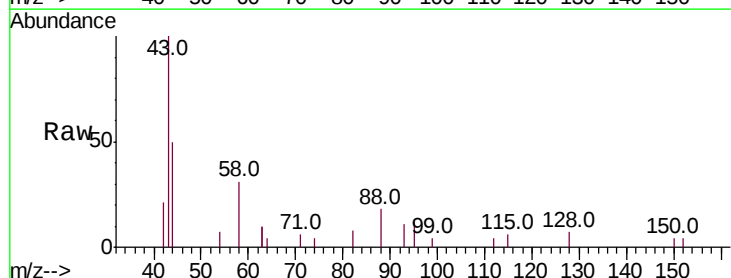
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



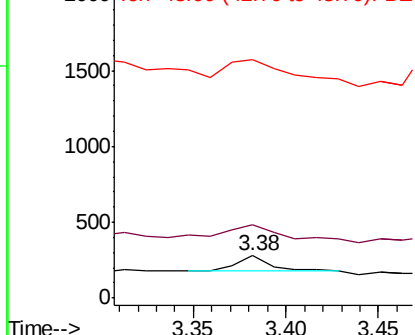
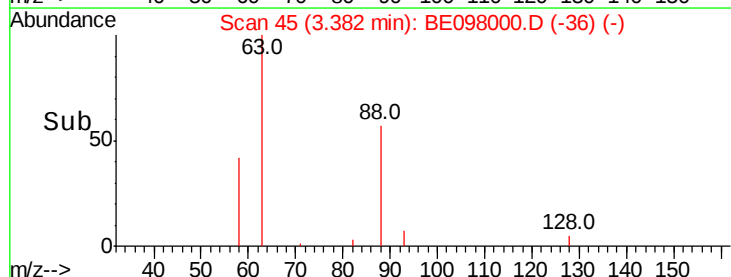
#2

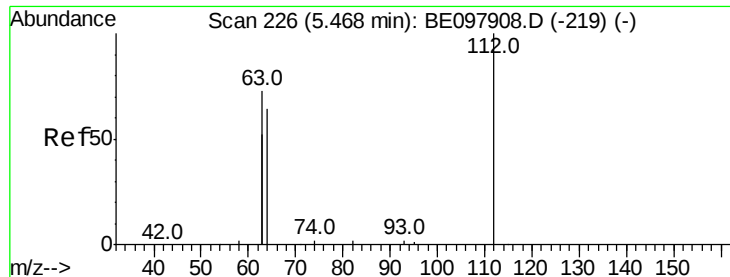
1,4-Dioxane
Concen: 0.042 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

Tgt Ion: 88 Resp: 142
Ion Ratio Lower Upper
88 100
58 104.9 73.2 109.8
43 167.6 36.9 55.3#



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





#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

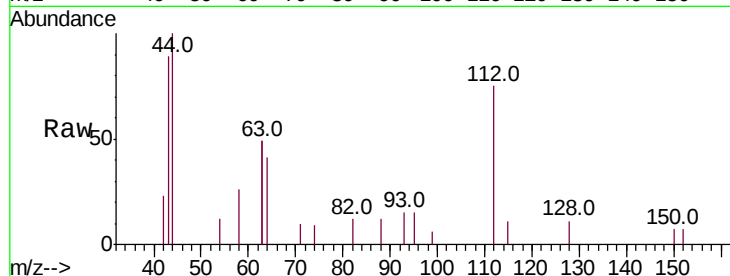
Tot Ion:112 Resp: 1028

Ion Ratio Lower Upper

112 100

64 76.4 58.9 88.3

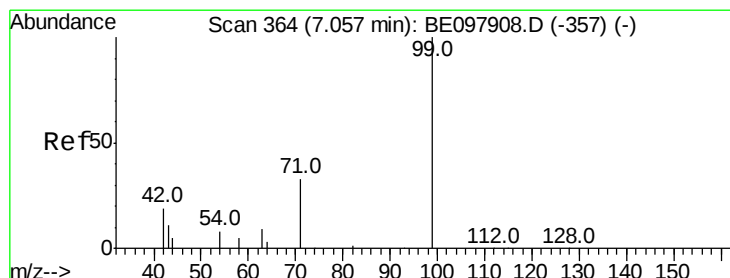
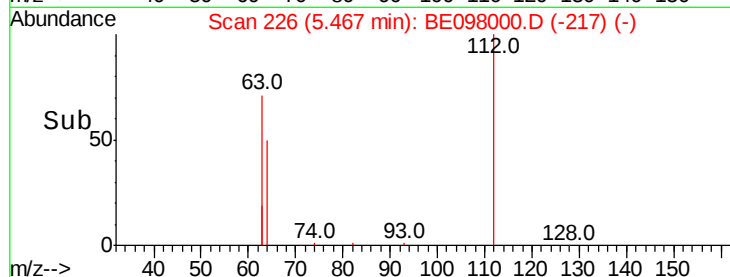
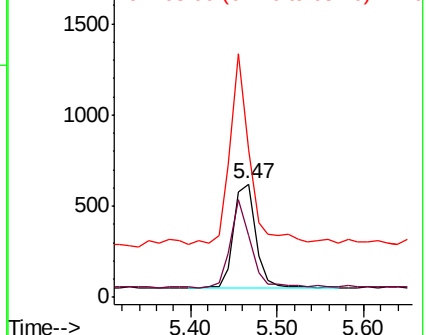
63 161.9 120.3 180.5



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



#5

Phenol-d6

Concen: 0.104 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

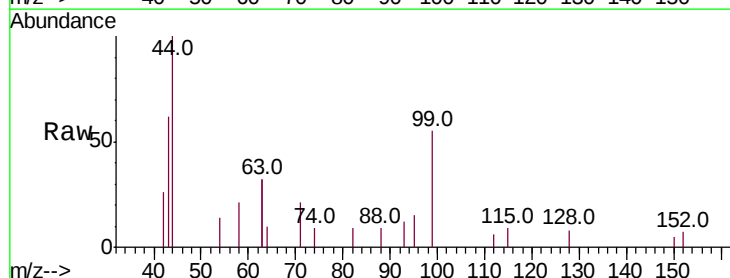
Tgt Ion: 99 Resp: 934

Ion Ratio Lower Upper

99 100

42 28.6 19.9 29.9

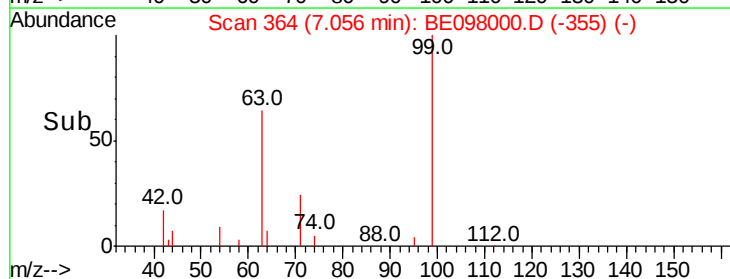
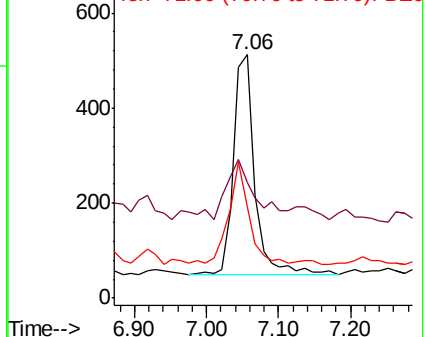
71 43.0 27.8 41.8#

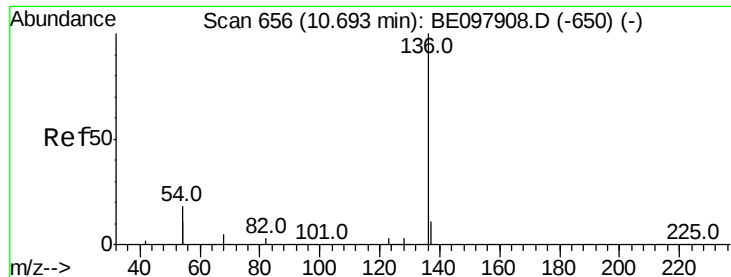


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE098000.D

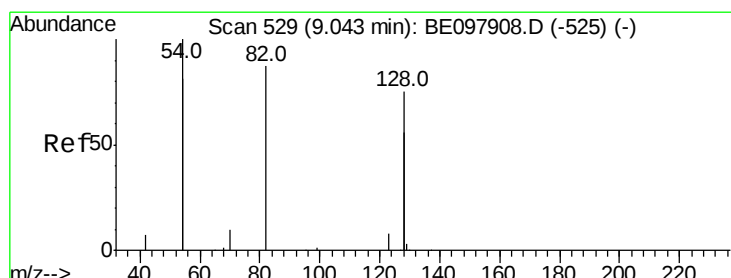
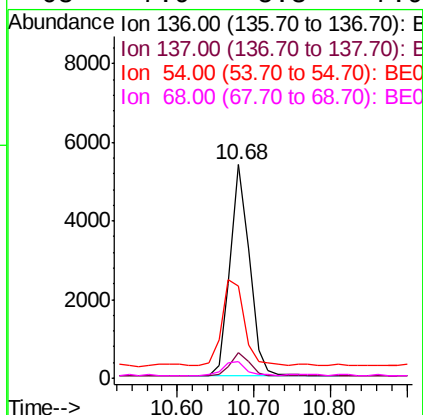
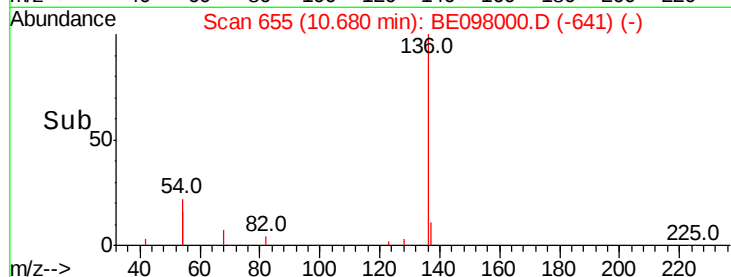
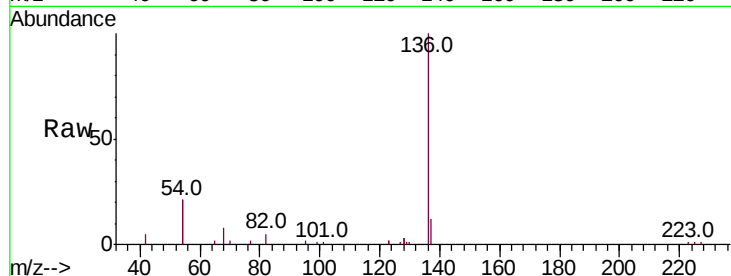
Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	9603
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	42.9	27.7	41.5#
68	7.9	5.3	7.9#



#8

Nitrobenzene-d5

Concen: 0.346 ng

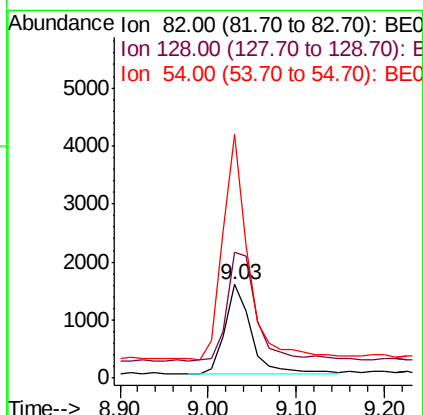
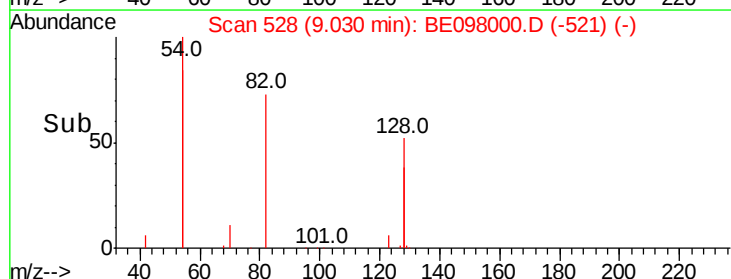
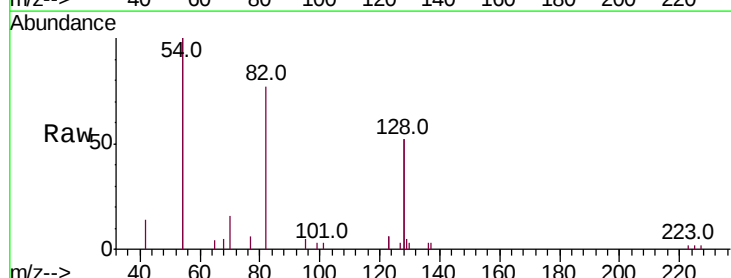
RT: 9.03 min Scan# 528

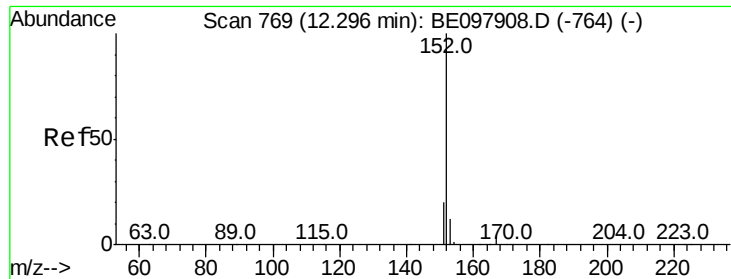
Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Tgt Ion:	82	Resp:	3149
Ion	Ratio	Lower	Upper
82	100		
128	134.5	129.9	194.9
54	260.8	174.0	261.0

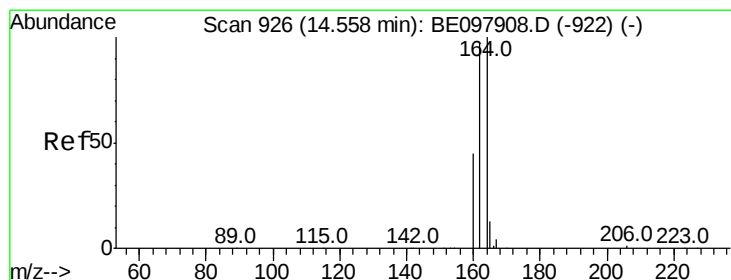
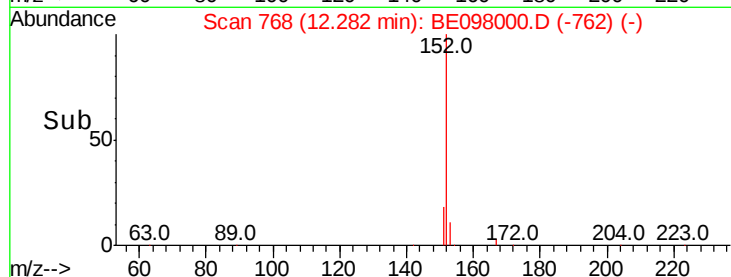
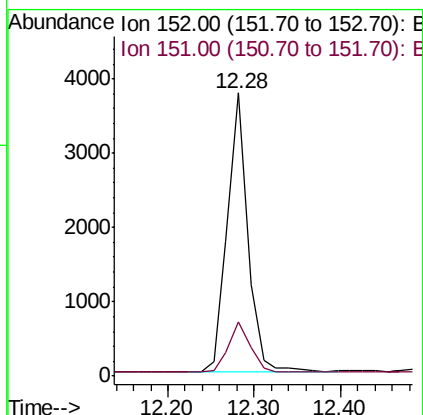
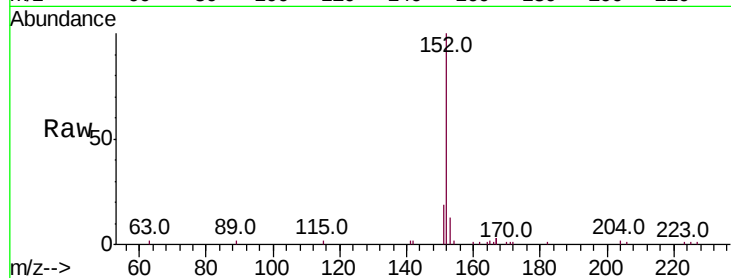




#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

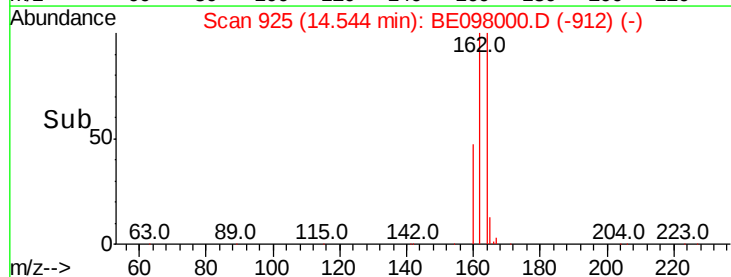
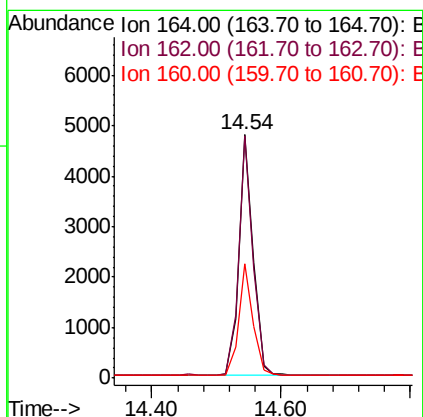
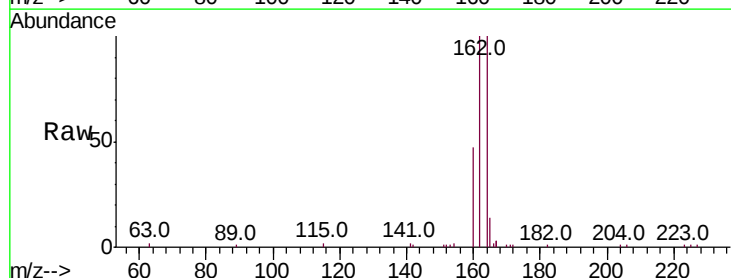
Instrument :
BNA_E
ClientSampleId :

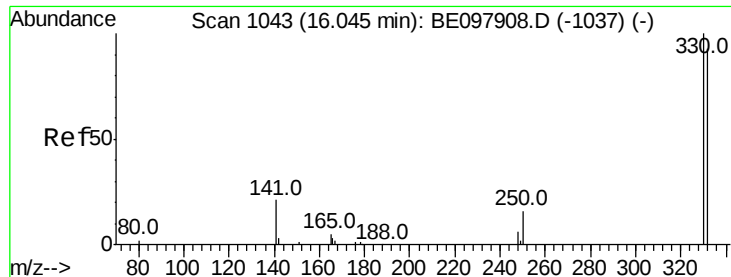
Tot Ion:152 Resp: 6189
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

Tgt Ion:164 Resp: 7303
Ion Ratio Lower Upper
164 100
162 99.6 77.4 116.2
160 47.2 36.5 54.7

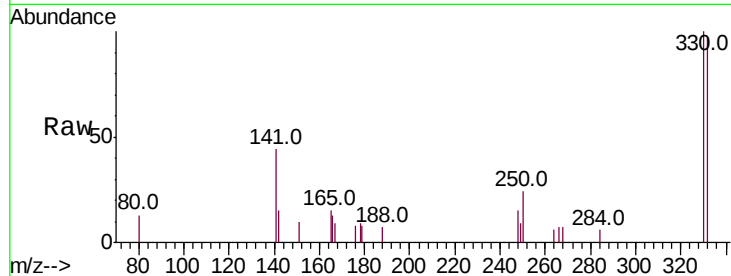




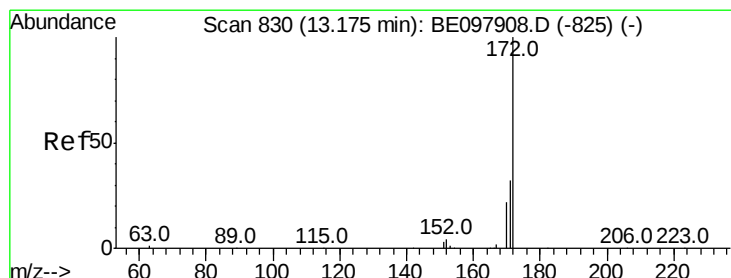
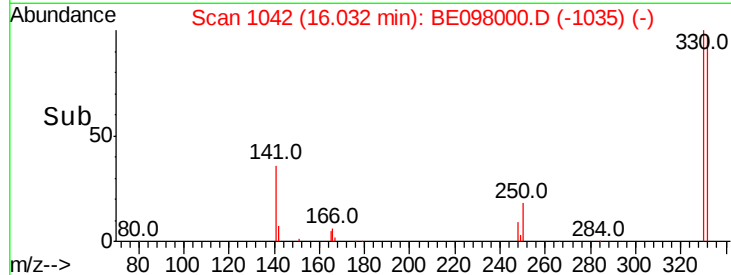
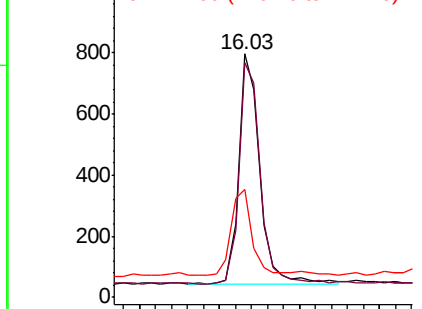
#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE098000.D
 Acq: 19 Oct 2018 20:21

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 1368
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.5 114.7
 141 37.8 31.8 47.6

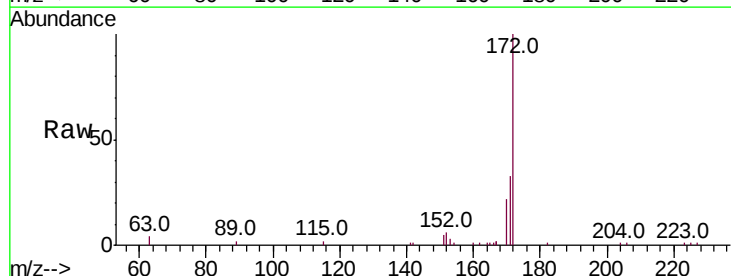


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

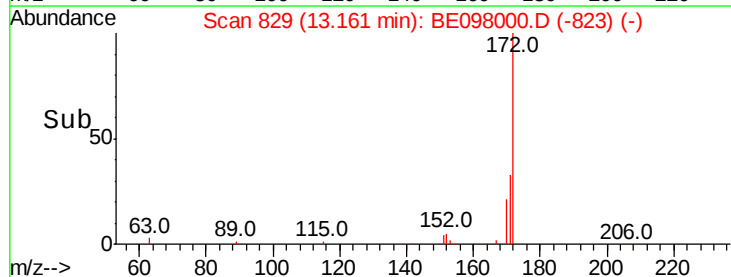
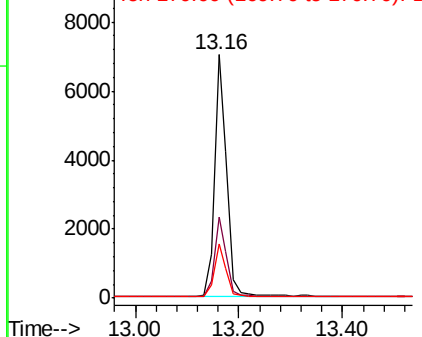


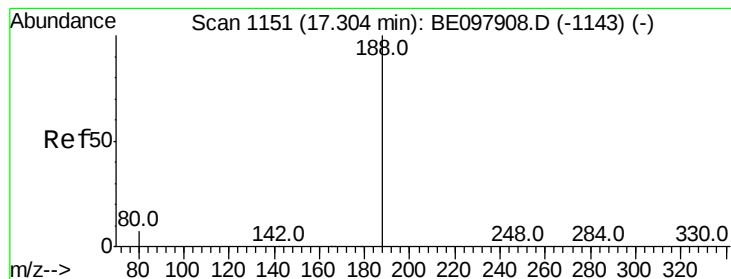
#15
 2-Fluorobiphenyl
 Concen: 0.386 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE098000.D
 Acq: 19 Oct 2018 20:21

Tgt Ion:172 Resp: 11508
 Ion Ratio Lower Upper
 172 100
 171 33.3 26.0 39.0
 170 22.0 18.0 27.0



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

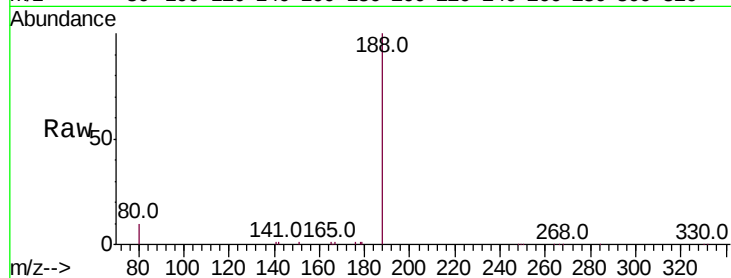
Tot Ion:188 Resp: 18959

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

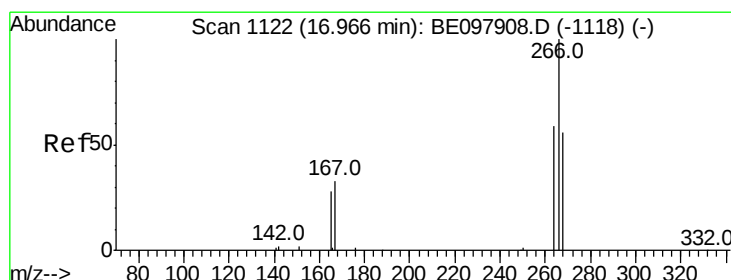
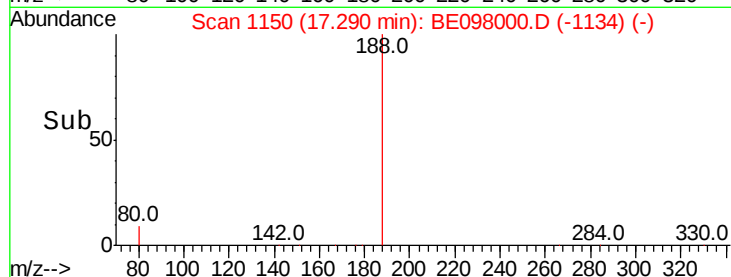
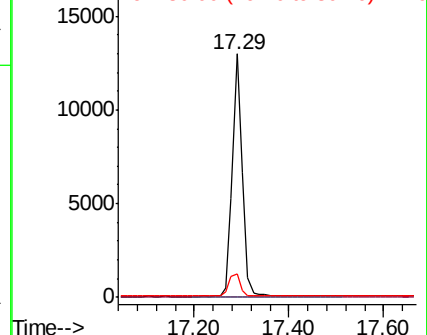
80 9.7 6.3 9.5#



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: 0.035 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

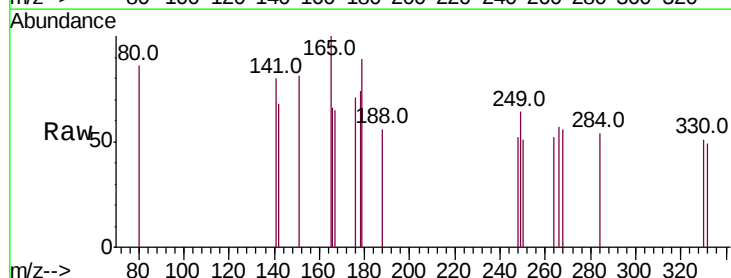
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 90.9 51.3 76.9#

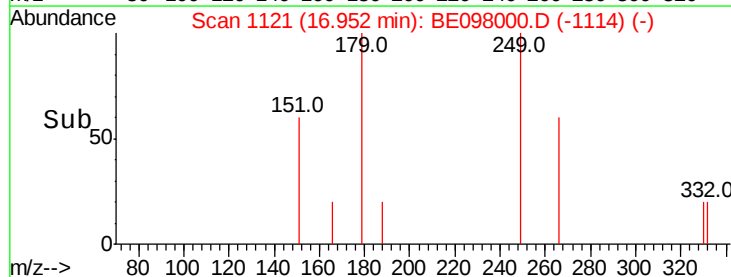
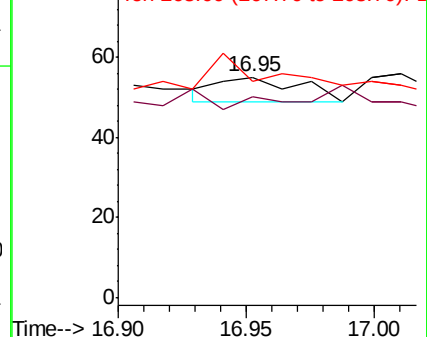
268 98.2 50.1 75.1#

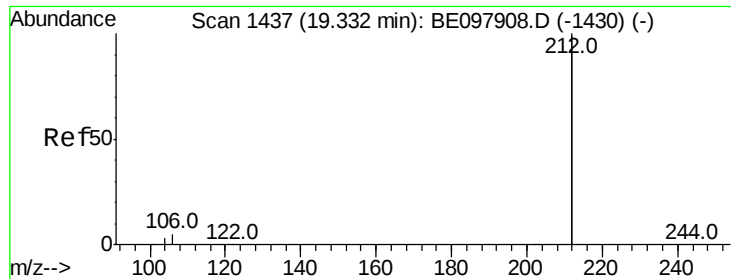


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

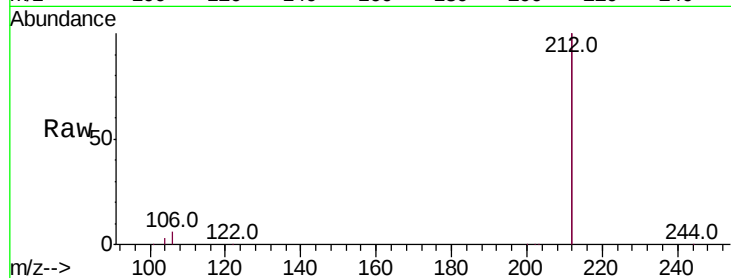




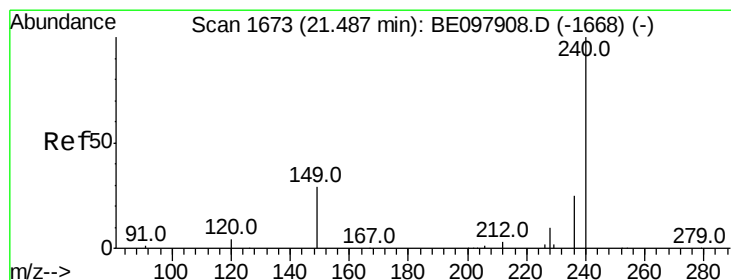
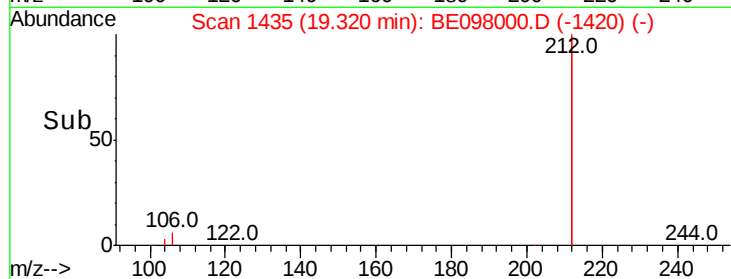
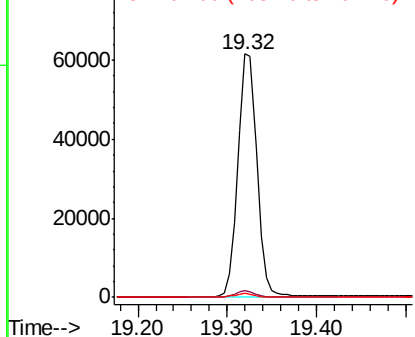
#25
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE098000.D
 Acq: 19 Oct 2018 20:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 86881
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.3 3.5
 104 1.6 1.3 1.9

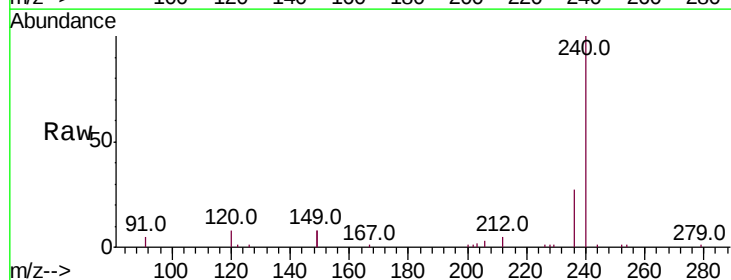


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

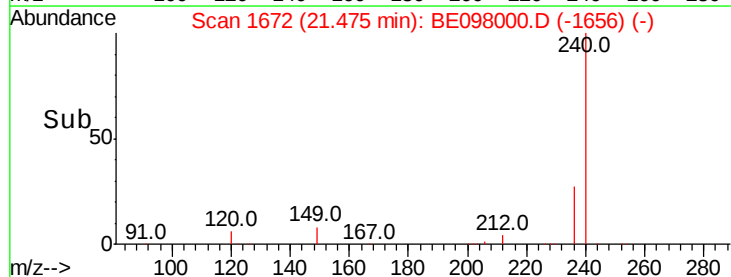
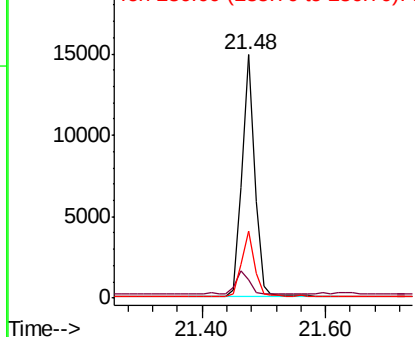


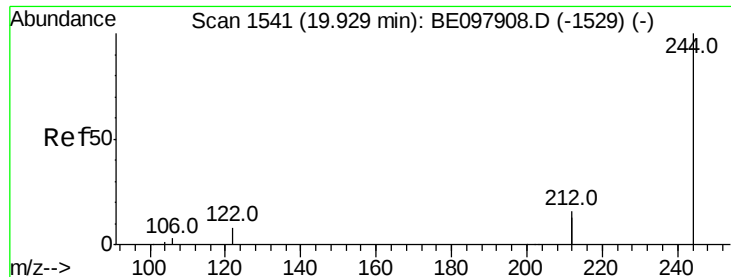
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE098000.D
 Acq: 19 Oct 2018 20:21

Tgt Ion:240 Resp: 21292
 Ion Ratio Lower Upper
 240 100
 120 7.5 7.1 10.7
 236 27.5 21.3 31.9



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: 0.423 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

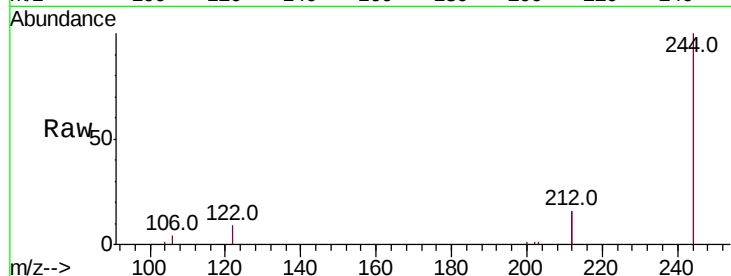
Tot Ion:244 Resp: 20629

Ion Ratio Lower Upper

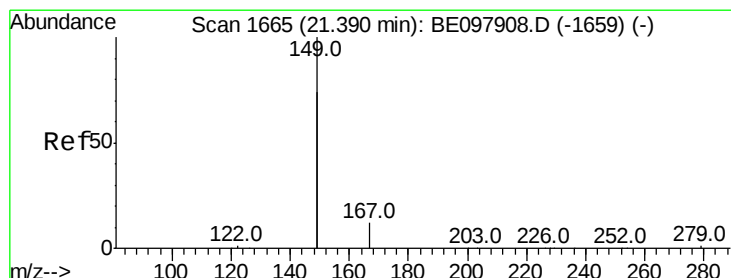
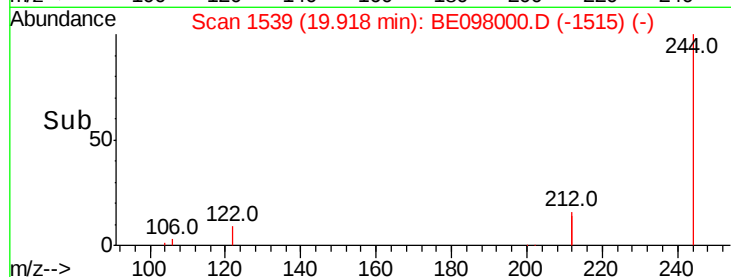
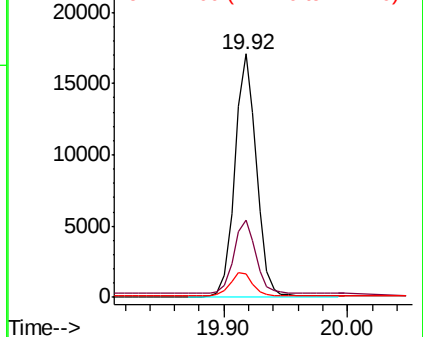
244 100

212 31.5 26.2 39.2

122 9.4 7.7 11.5



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: Below Cal

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

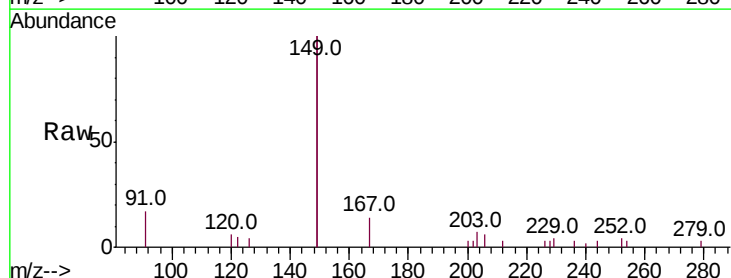
Tgt Ion:149 Resp: 7482

Ion Ratio Lower Upper

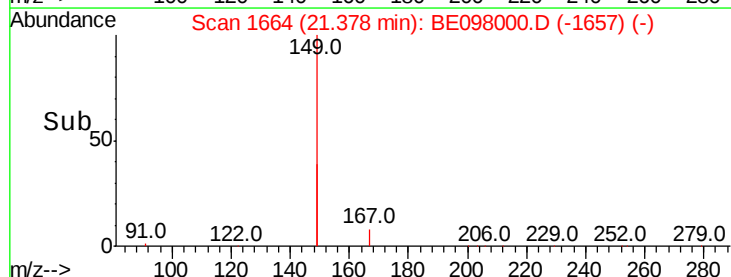
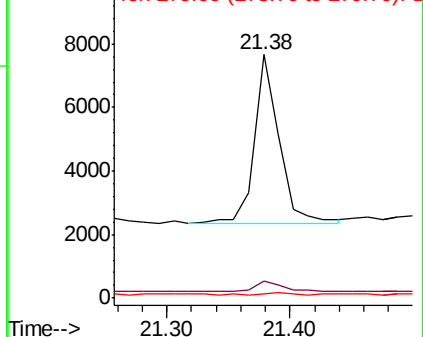
149 100

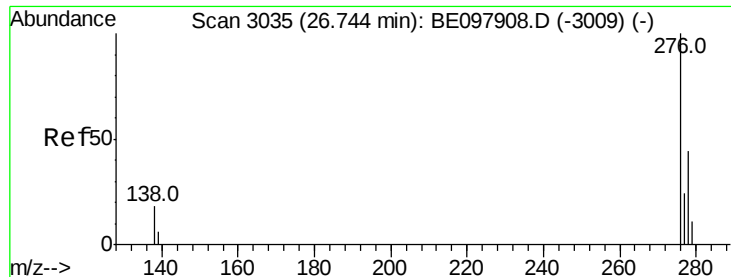
167 8.4 5.6 8.4

279 1.0 0.9 1.3



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





#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 26.72 min Scan# 3027

Delta R.T. -0.03 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

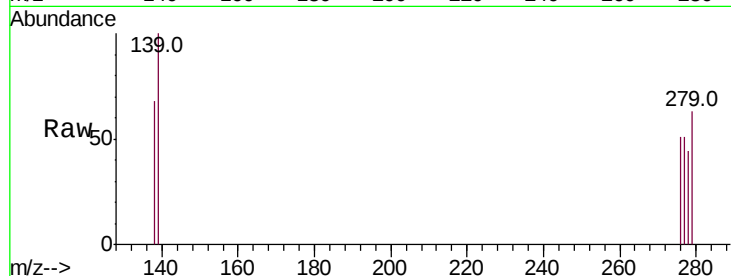
Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 24

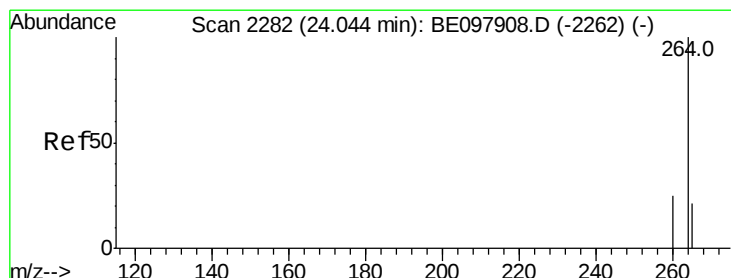
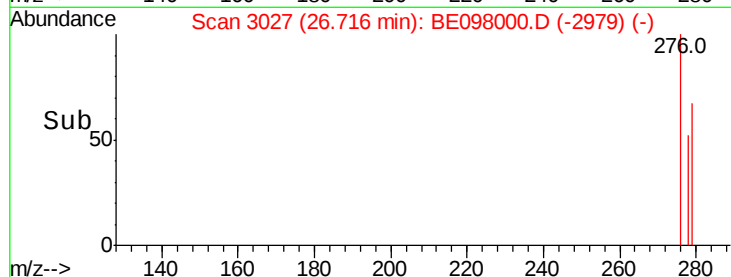
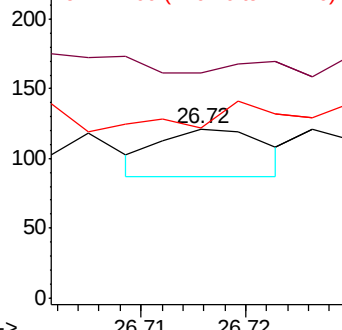
Ion	Ratio	Lower	Upper
276	100		
138	16.7	17.0	25.6#
277	25.0	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2276

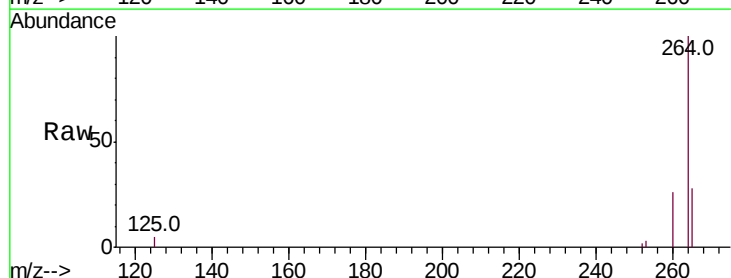
Delta R.T. -0.02 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Tgt Ion:264 Resp: 21099

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.1	31.7
265	27.9	29.2	43.8#



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

