

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098932.D
 Acq On : 14 Mar 2019 5:00
 Operator : JU/SJ
 Sample : K1860-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:58:07 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

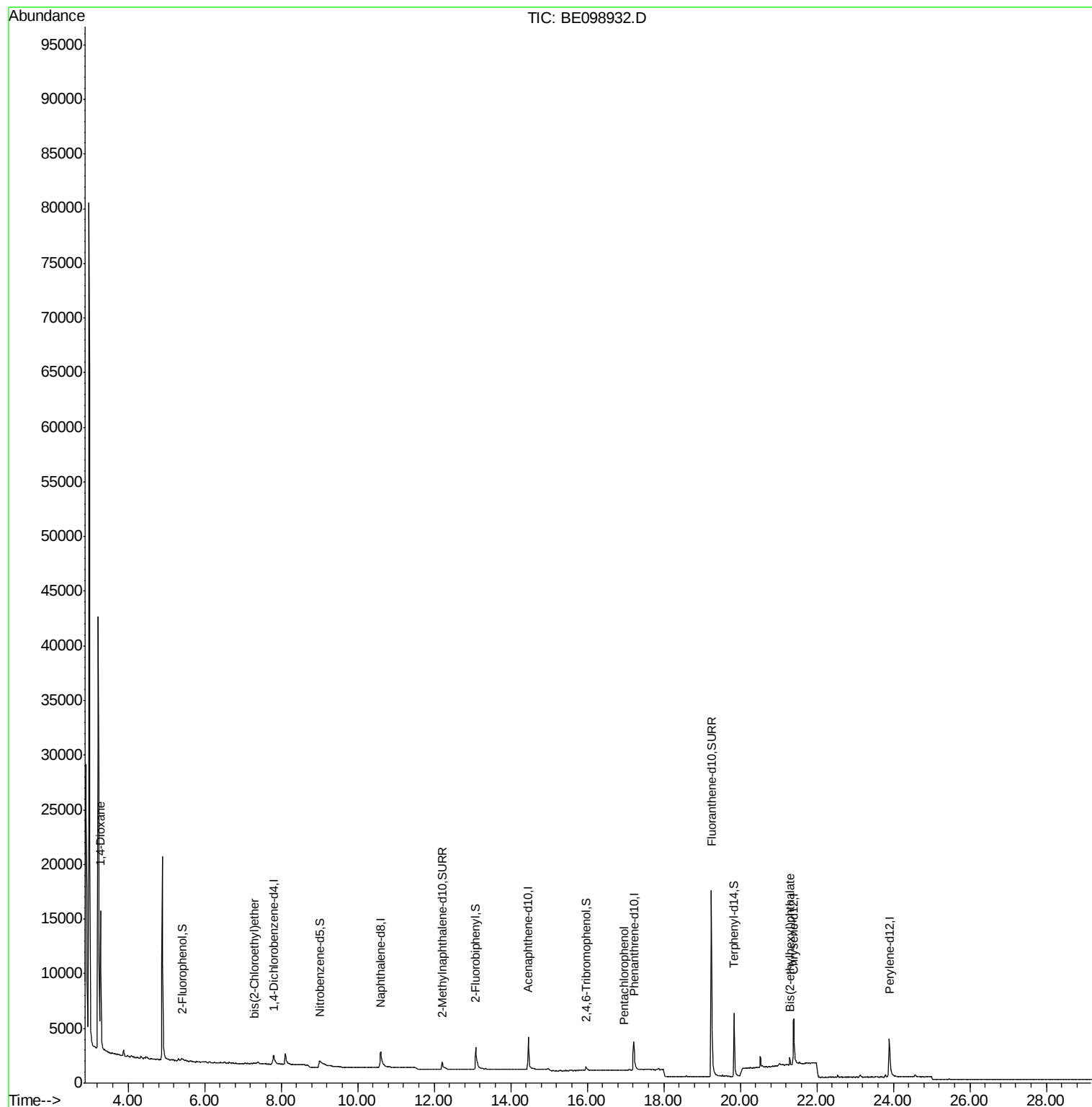
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	703	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3174	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2363	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5823	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6959	0.40	ng	0.00
34) Perylene-d12	23.90	264	6691	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	337	0.16	ng	0.02
5) Phenol-d6	6.95	99	7	0.00	ng	-0.03
8) Nitrobenzene-d5	9.02	82	1029	0.31	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1930	0.33	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	351	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3674	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	30297	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	6456	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	6624	6.016	ng	97
6) bis(2-Chloroethyl)ether	7.30	93	57	0.025	ng	# 1
22) Pentachlorophenol	16.96	266	16	0.277	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1070	0.023	ng	# 98

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

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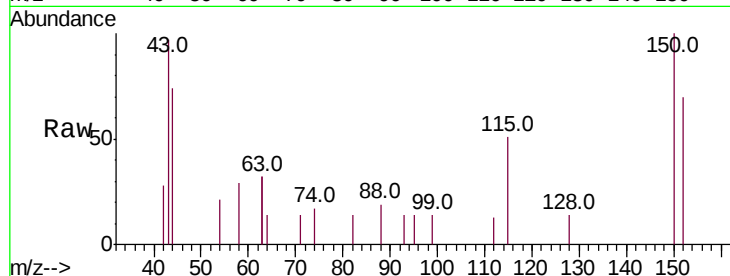


#1

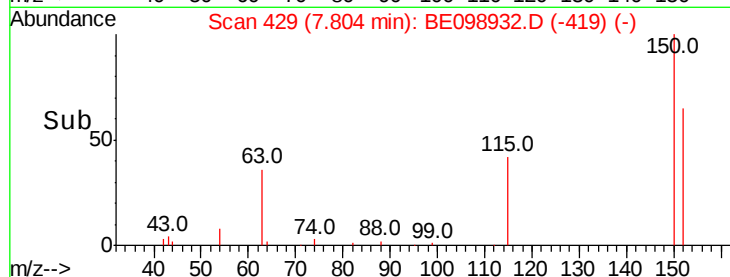
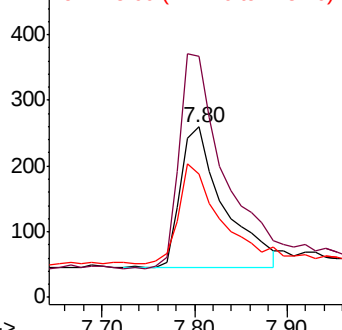
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 703
Ion Ratio Lower Upper
152 100
150 142.1 122.5 183.7
115 72.6 57.4 86.2



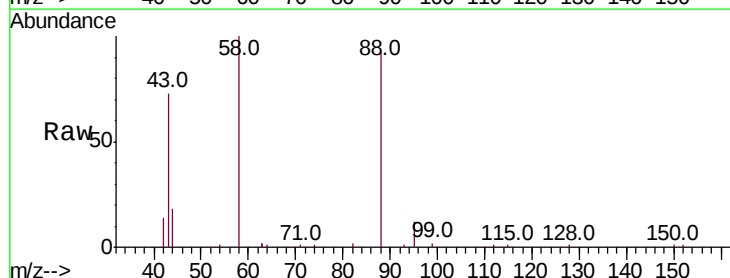
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



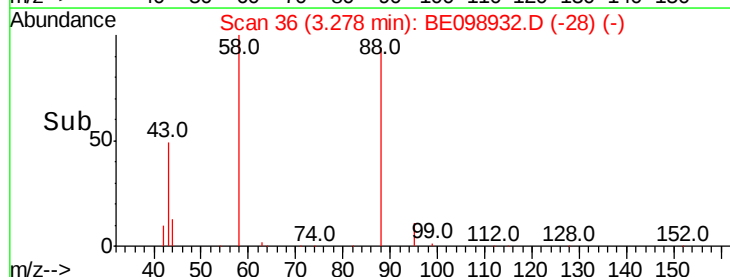
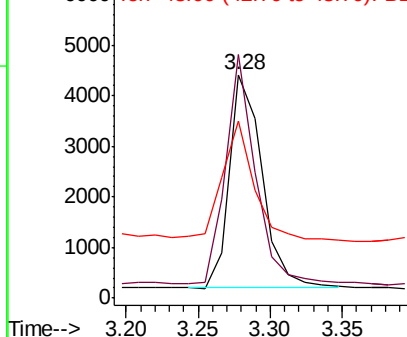
#2

1,4-Dioxane
Concen: 6.016 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Tgt Ion: 88 Resp: 6624
Ion Ratio Lower Upper
88 100
58 98.0 75.8 113.6
43 53.2 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





#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

ClientSampled :

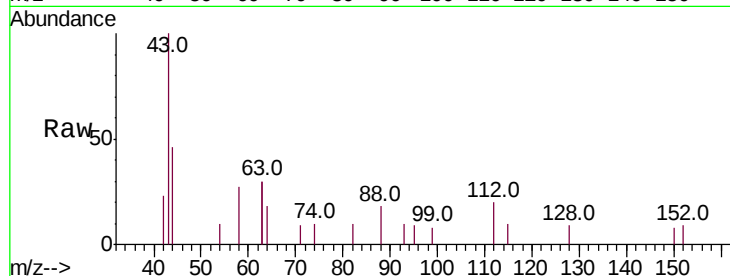
Tot Ion:112 Resp: 337

Ion Ratio Lower Upper

112 100

64 78.0 57.9 86.9

63 167.4 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

400

300

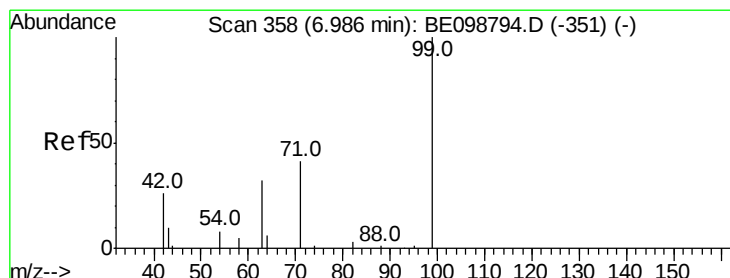
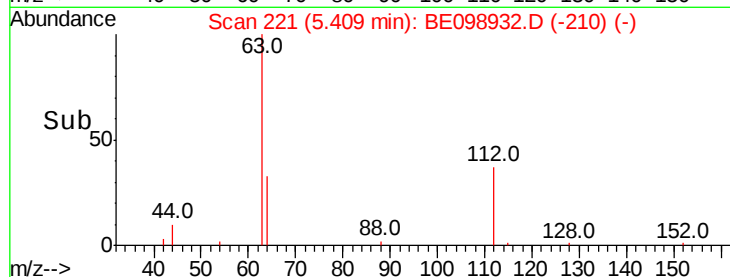
200

100

0

5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.002 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

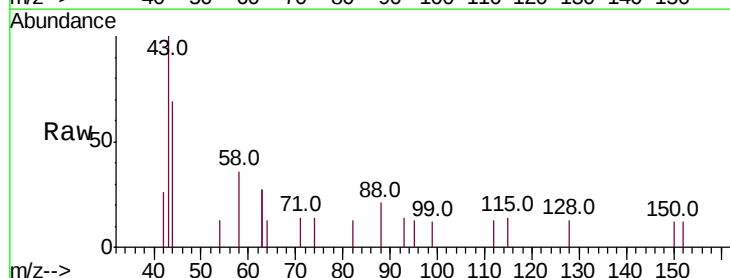
Tgt Ion: 99 Resp: 7

Ion Ratio Lower Upper

99 100

42 171.4 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

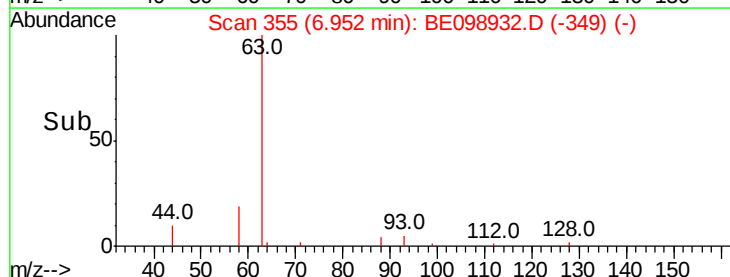
100

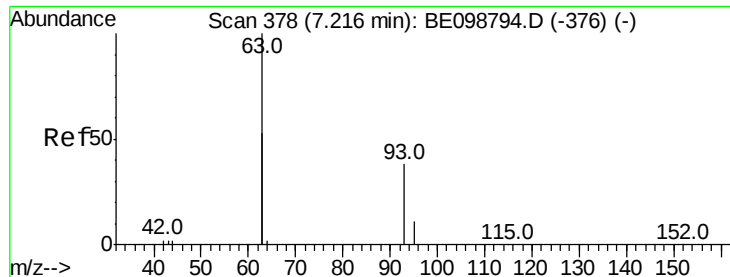
50

0

6.90 6.95

Time-->

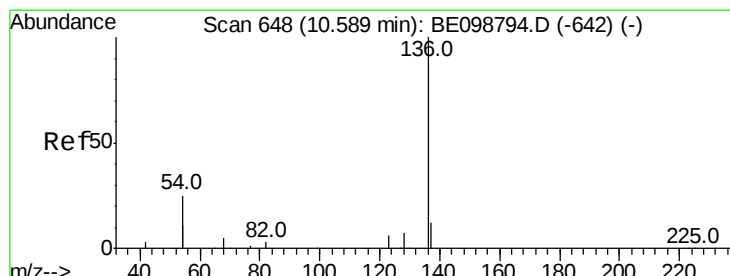
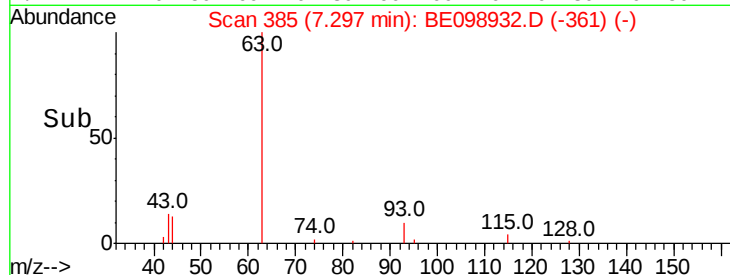
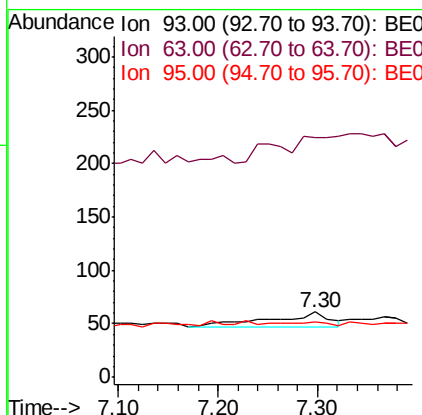
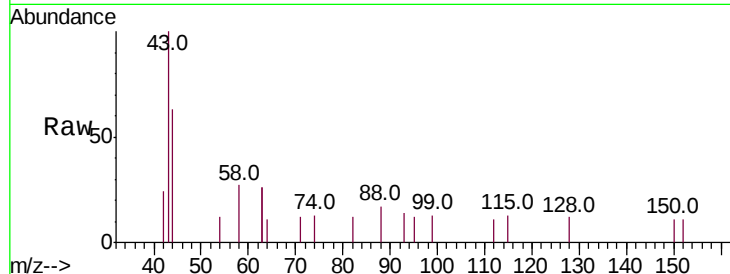




#6
 bis(2-Chloroethyl)ether
 Concen: 0.025 ng
 RT: 7.30 min Scan# 385
 Delta R.T. 0.08 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

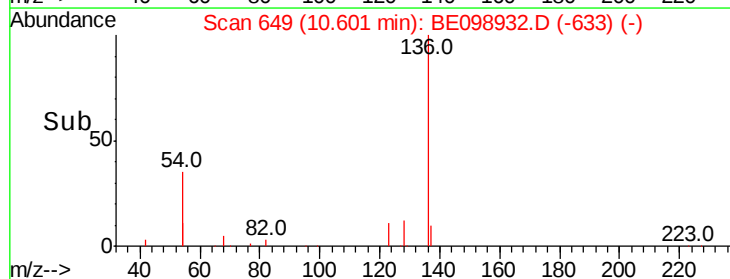
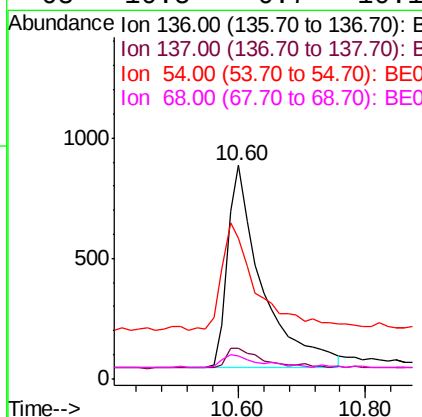
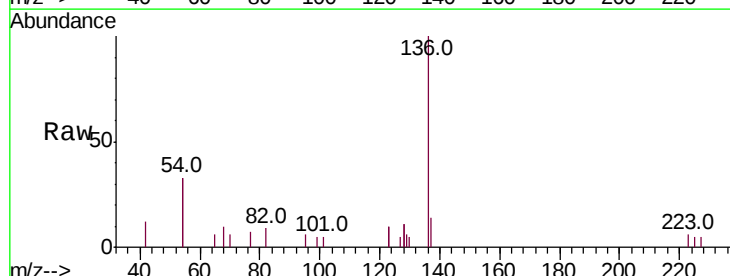
Instrument :
 BNA_E
 ClientSampleId :

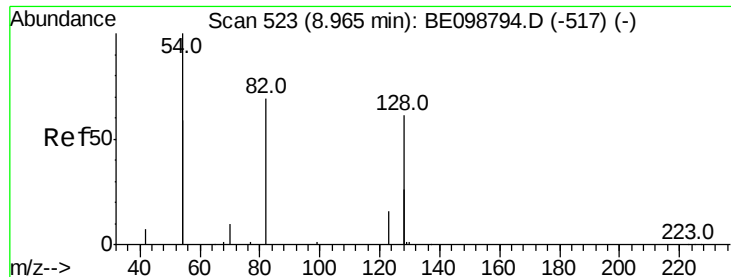
Tot Ion	Ratio	Lower	Upper
93	100		
63	0.0	247.5	371.3#
95	8.8	21.8	32.8#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.60 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.4	17.0
54	66.1	39.3	58.9#
68	10.5	6.7	10.1#

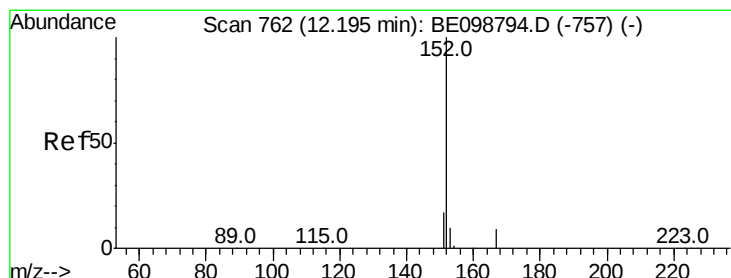
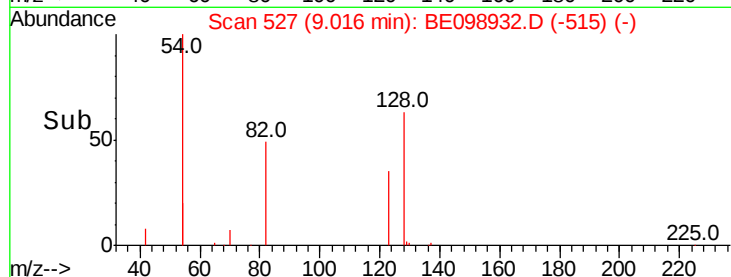
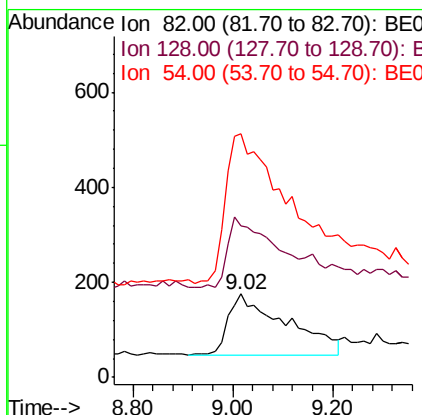
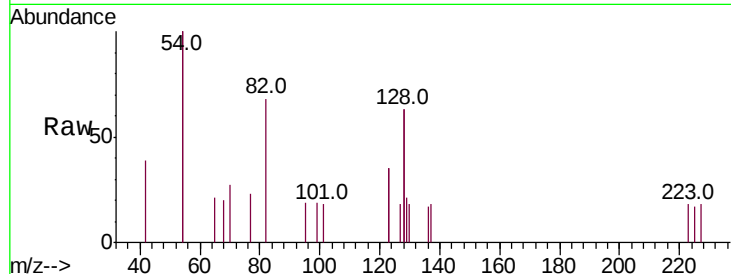




#8
 Nitrobenzene-d5
 Concen: 0.309 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

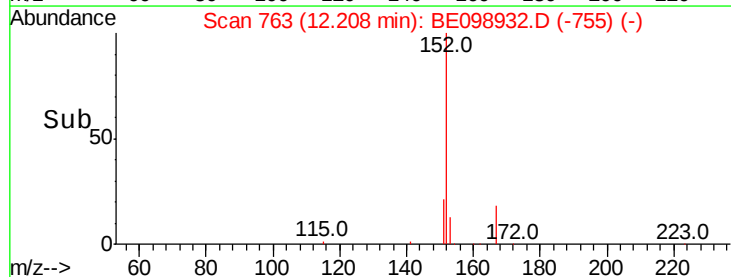
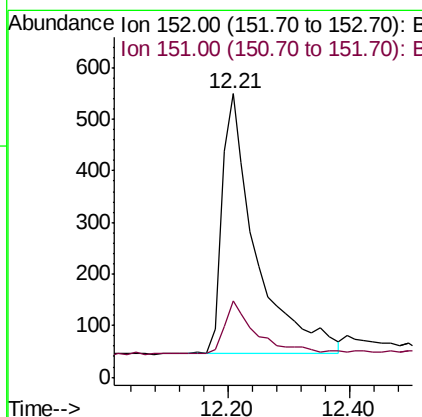
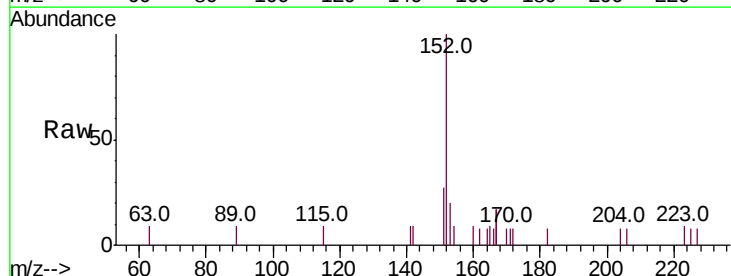
Instrument :
 BNA_E
 ClientSampleId :

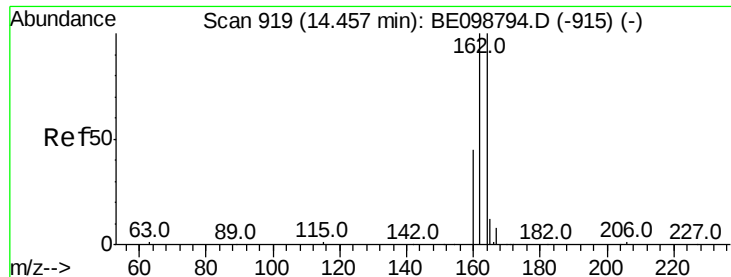
Tot Ion	82	Resp	1029
Ion Ratio	Lower	Upper	
82	100		
128	182.9	123.8	185.8
54	292.6	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.329 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

Tgt Ion	152	Resp	1930
Ion Ratio	Lower	Upper	
152	100		
151	19.5	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: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

ClientSampleId :

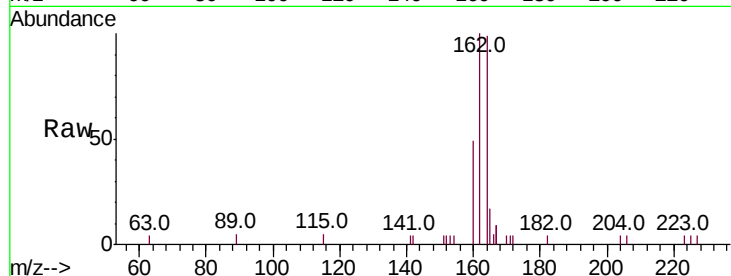
Tot Ion:164 Resp: 2363

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

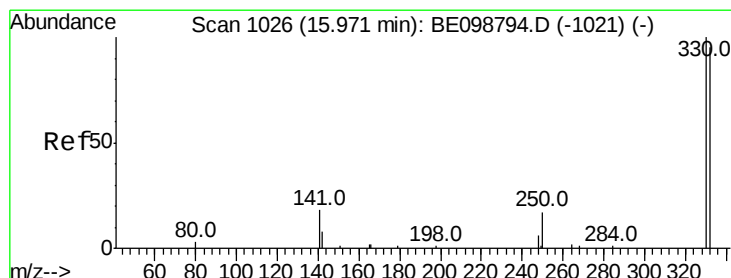
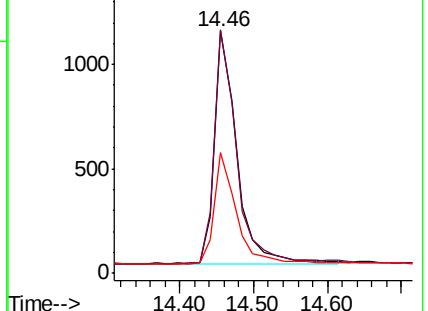
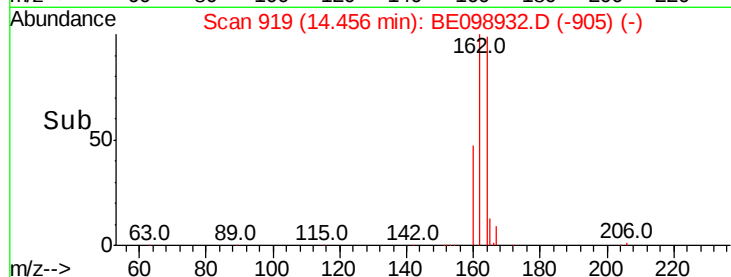
160 49.7 37.8 56.8



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: 0.294 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

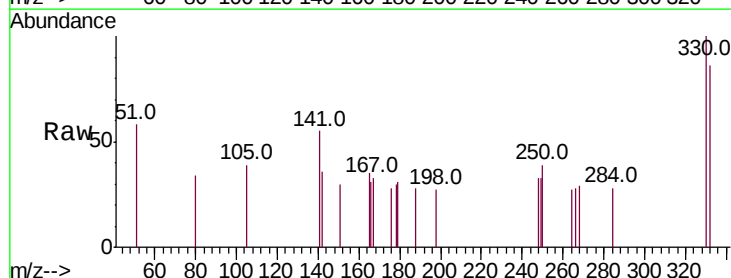
Tgt Ion:330 Resp: 351

Ion Ratio Lower Upper

330 100

332 87.5 77.6 116.4

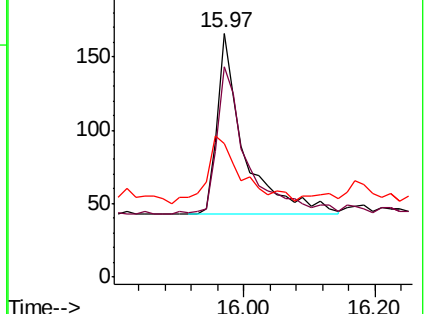
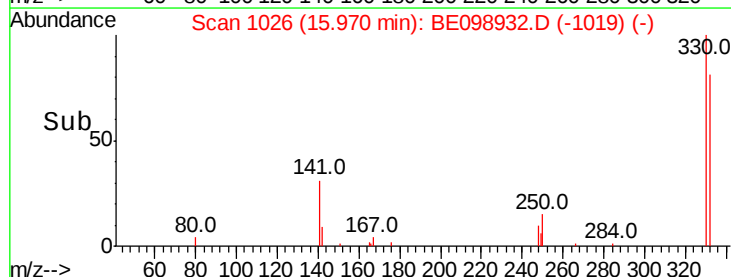
141 41.3 31.0 46.4

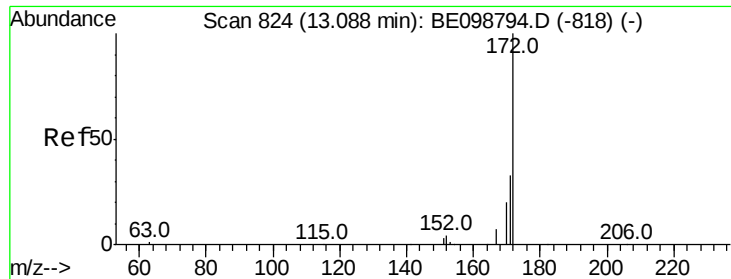


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

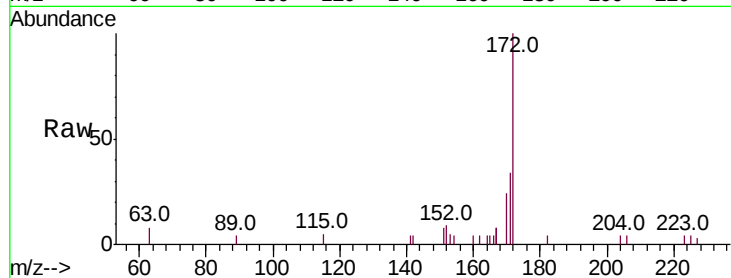




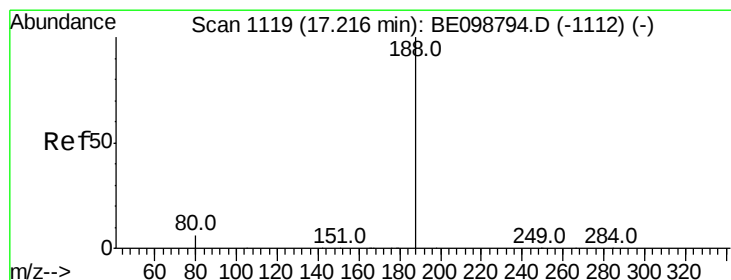
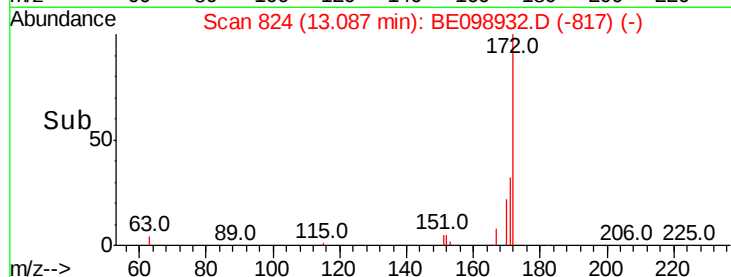
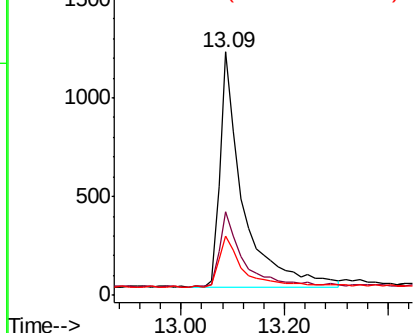
#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3674
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 24.4 17.7 26.5

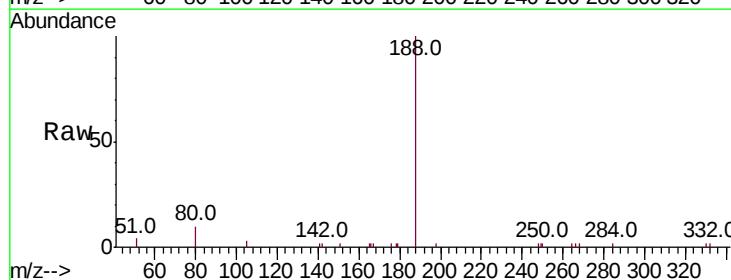


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

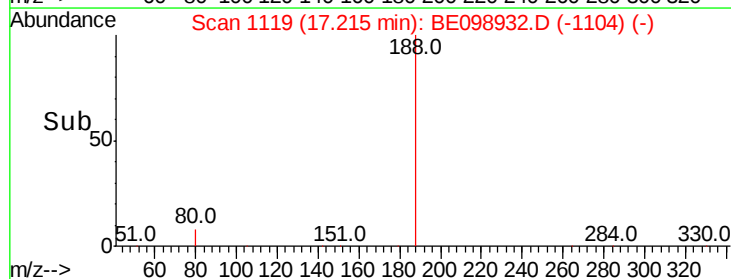
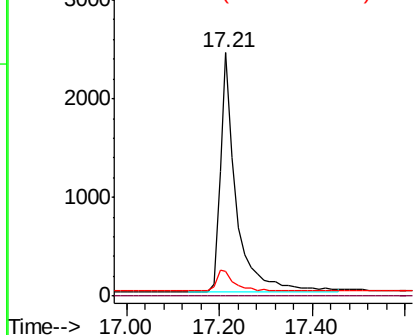


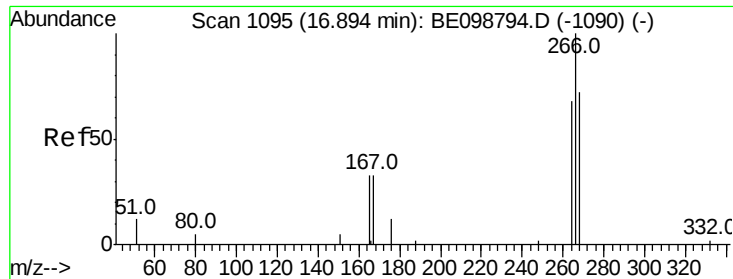
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Tgt Ion:188 Resp: 5823
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 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

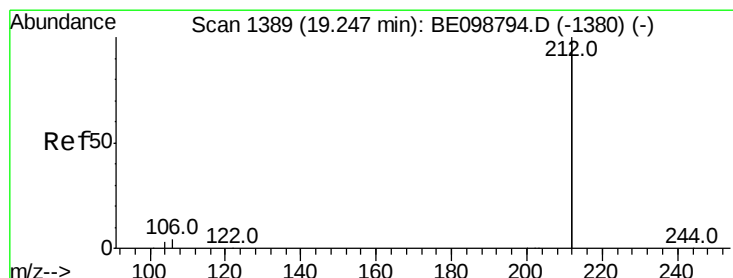
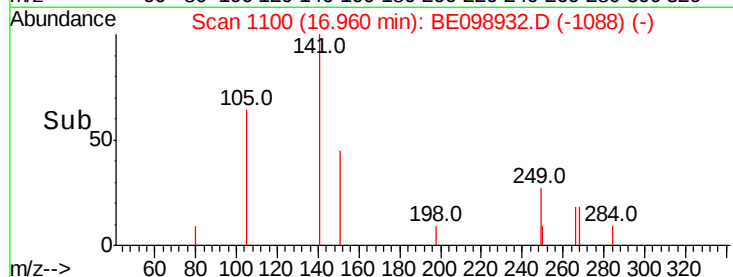
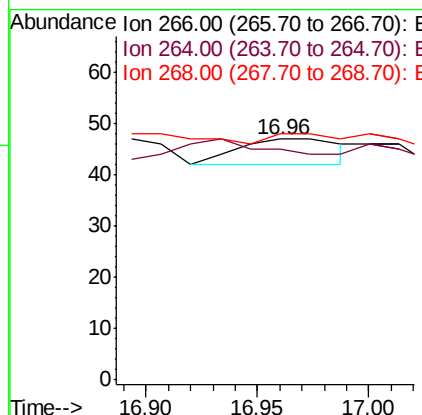
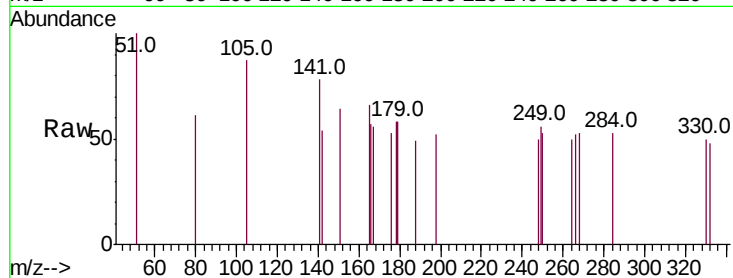




#22
 Pentachlorophenol
 Concen: 0.277 ng
 RT: 16.96 min Scan# 1100
 Delta R.T. 0.07 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

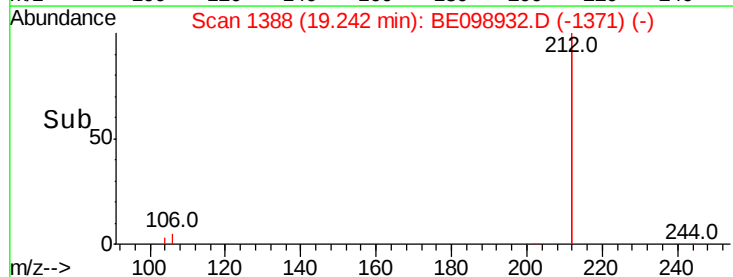
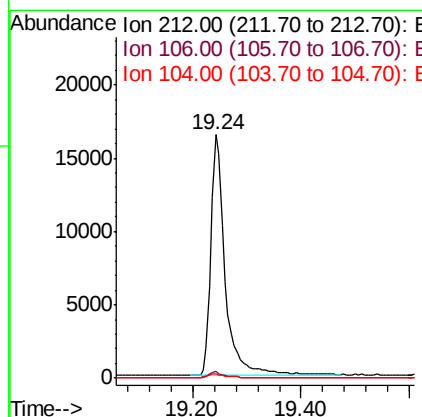
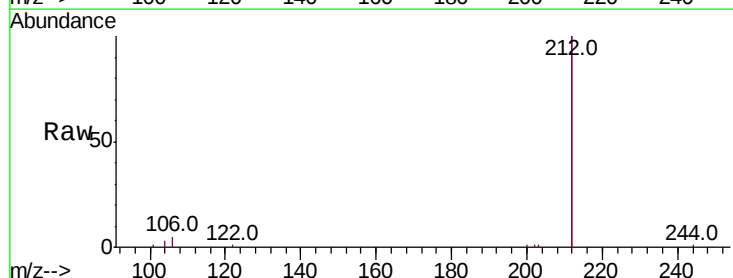
Instrument :
 BNA_E
 ClientSampleId :

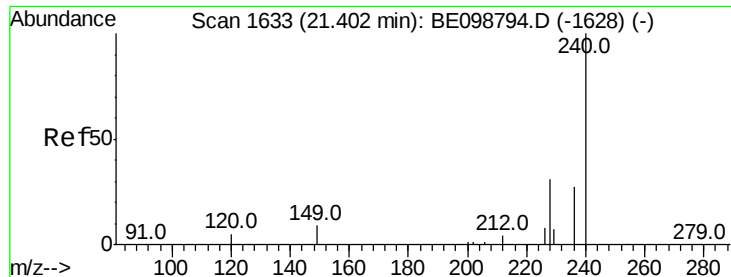
Tot Ion:266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 95.7 66.6 100.0
 268 102.1 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.326 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

Tgt Ion:212 Resp: 30297
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.8
 104 1.4 1.0 1.6

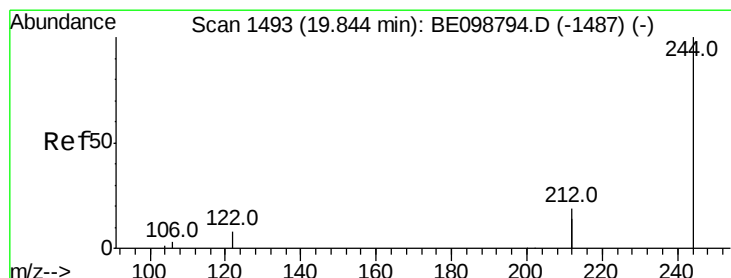
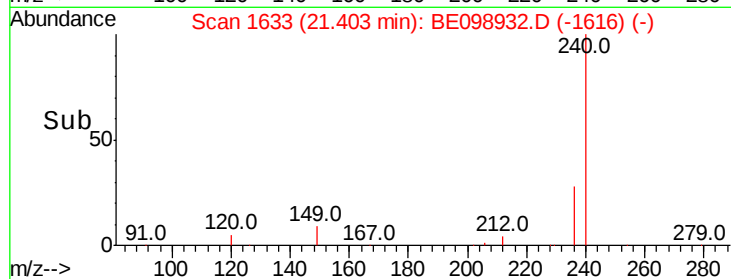
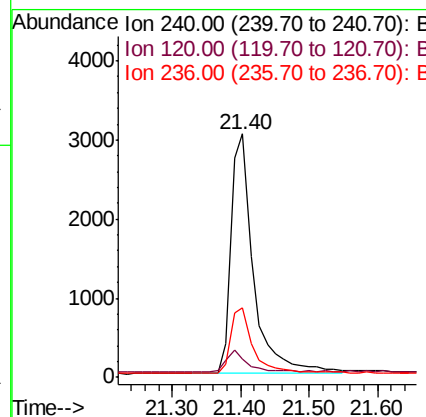
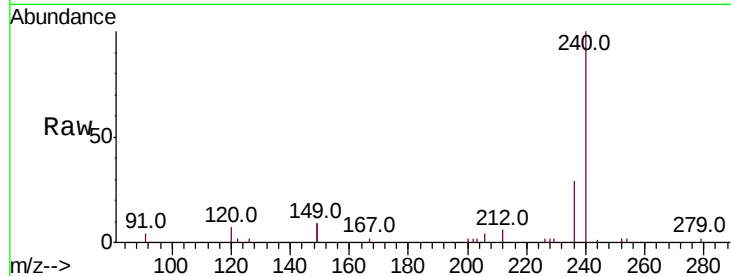




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

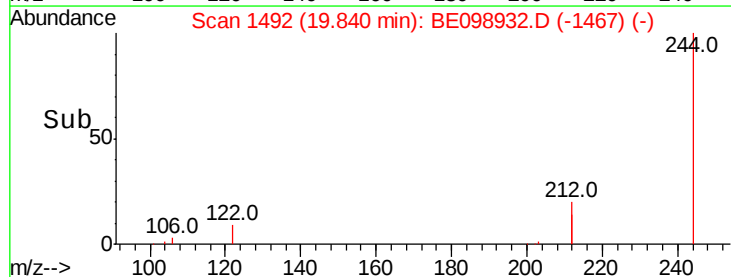
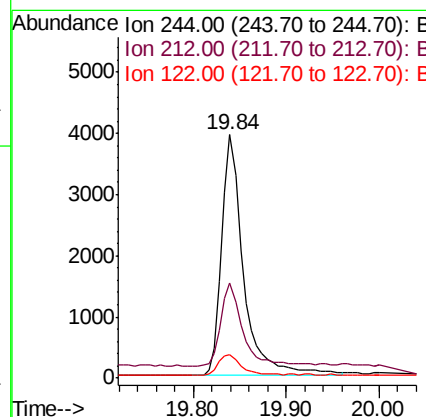
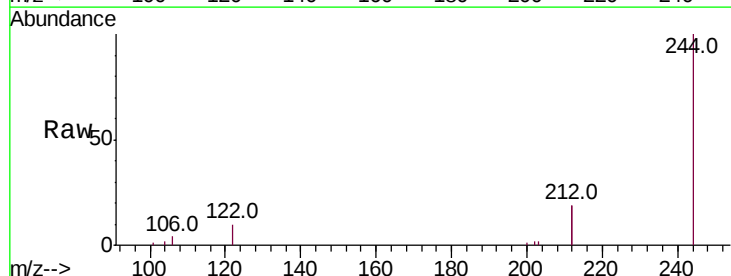
Instrument :
 BNA_E
 ClientSampleId :

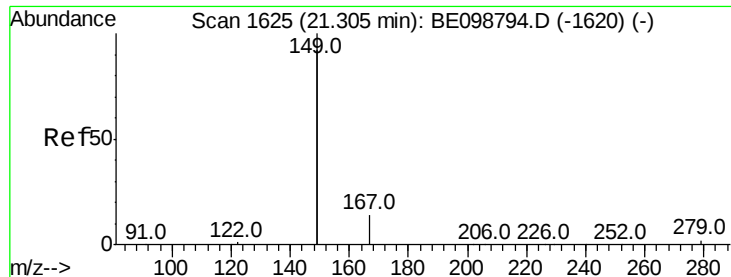
Tot Ion:240 Resp: 6959
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.0 7.4
 236 28.8 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.382 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

Tgt Ion:244 Resp: 6456
 Ion Ratio Lower Upper
 244 100
 212 38.9 29.4 44.2
 122 9.7 7.1 10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

ClientSampleId :

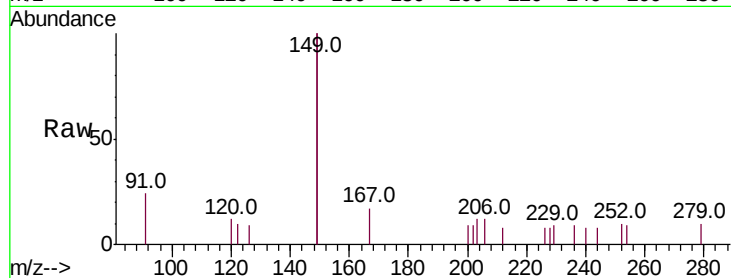
Tot Ion:149 Resp: 1070

Ion Ratio Lower Upper

149 100

167 5.8 5.4 8.0

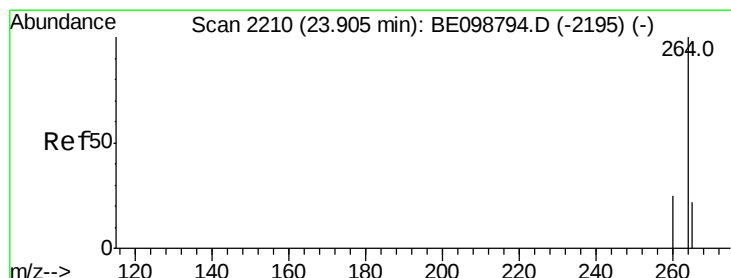
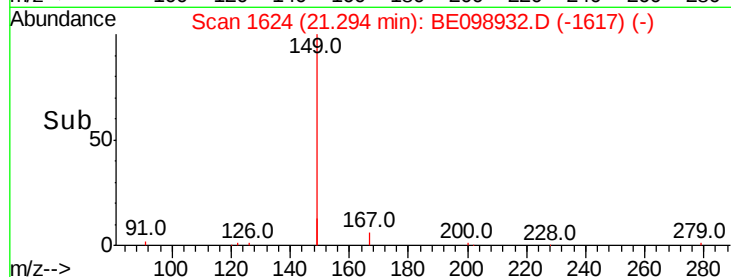
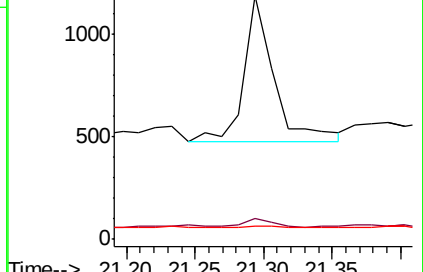
279 0.8 1.0 1.4#



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: BE098932.D

Acq: 14 Mar 2019 5:00

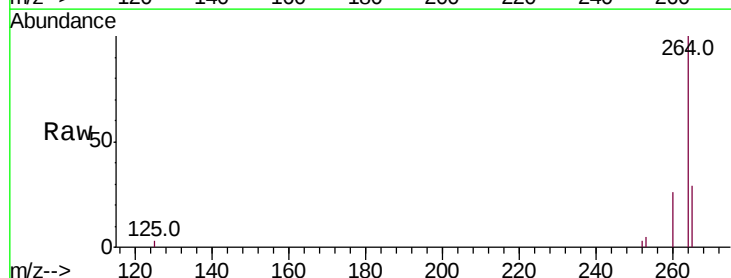
Tgt Ion:264 Resp: 6691

Ion Ratio Lower Upper

264 100

260 26.1 21.2 31.8

265 28.7 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

