

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098934.D
 Acq On : 14 Mar 2019 6:15
 Operator : JU/SJ
 Sample : K1860-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20190311

Quant Time: Mar 14 06:58:24 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	669	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3059	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2194	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5712	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6628	0.40	ng	0.00
34) Perylene-d12	23.90	264	6403	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	326	0.16	ng	0.04
5) Phenol-d6	6.95	99	5	0.00	ng	-0.03
8) Nitrobenzene-d5	9.00	82	908	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	1829	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.96	330	421	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3765	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	29720	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8270	0.51	ng	0.00

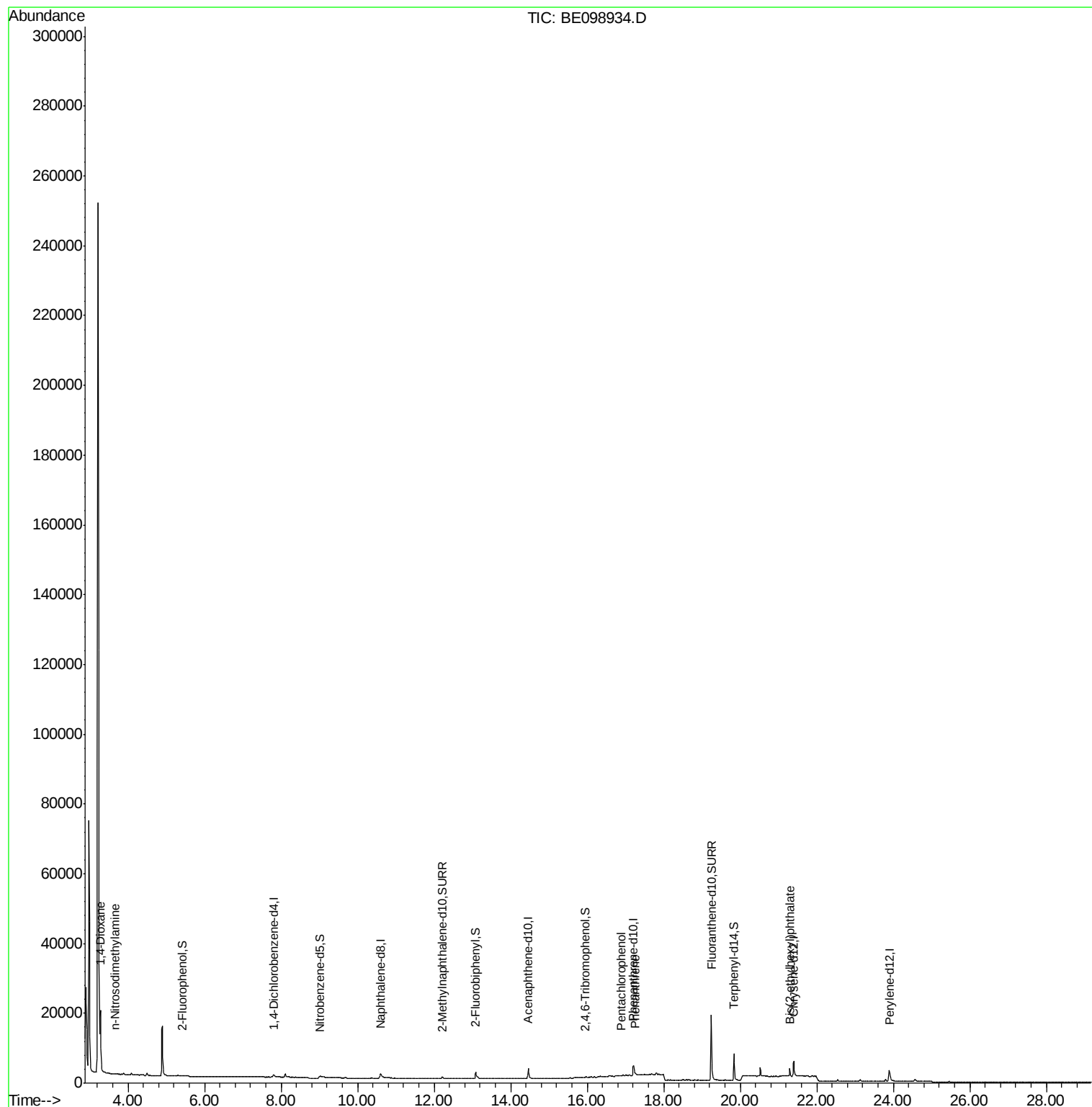
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	9536	9.154	ng	99
3) n-Nitrosodimethylamine	3.66	42	43	0.026	ng	# 20
22) Pentachlorophenol	16.88	266	5	0.268	ng	87
23) Phenanthrene	17.25	178	683	0.042	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.29	149	2383	0.054	ng	# 98

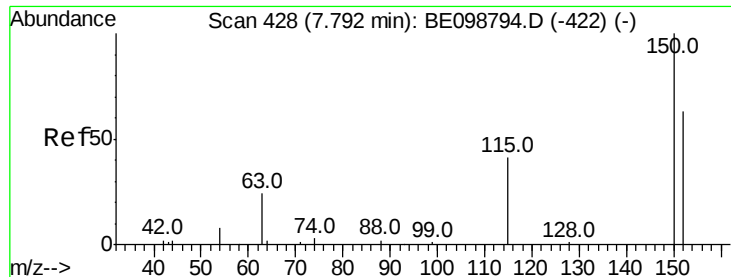
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098934.D

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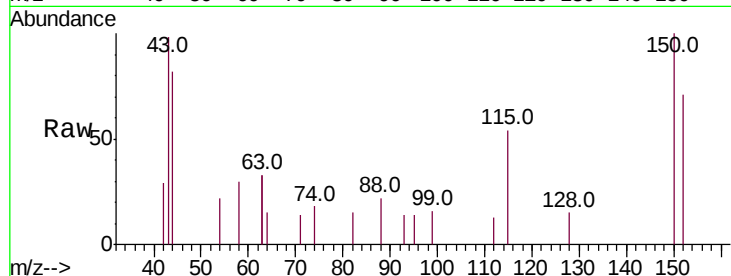
Tot Ion:152 Resp: 669

Ion Ratio Lower Upper

152 100

150 141.5 122.5 183.7

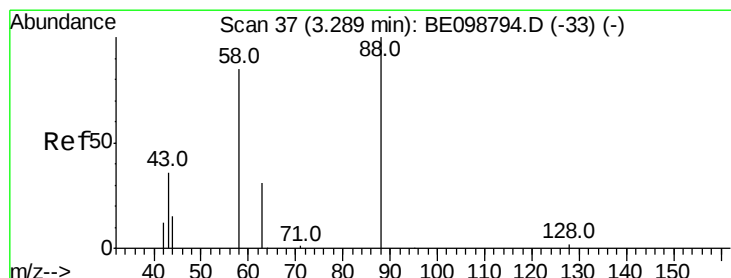
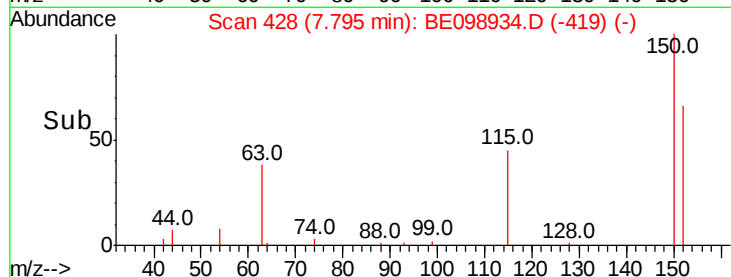
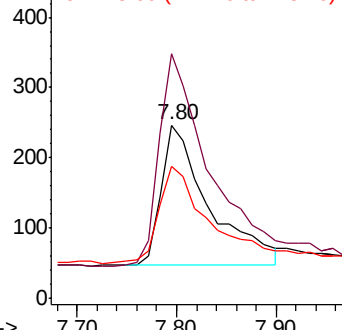
115 76.0 57.4 86.2



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: 9.154 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

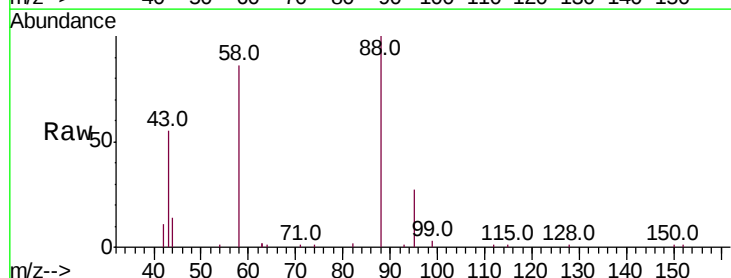
Tgt Ion: 88 Resp: 9536

Ion Ratio Lower Upper

88 100

58 95.0 75.8 113.6

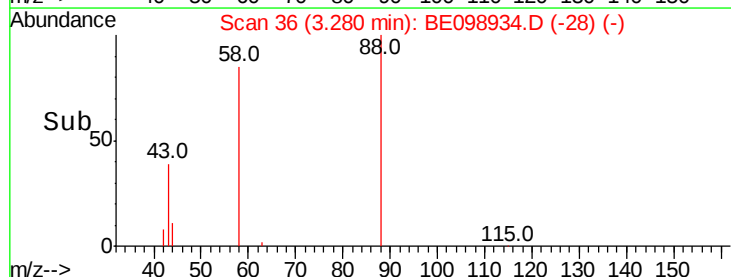
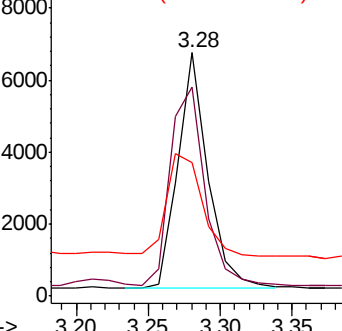
43 51.7 41.8 62.8



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: 0.026 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

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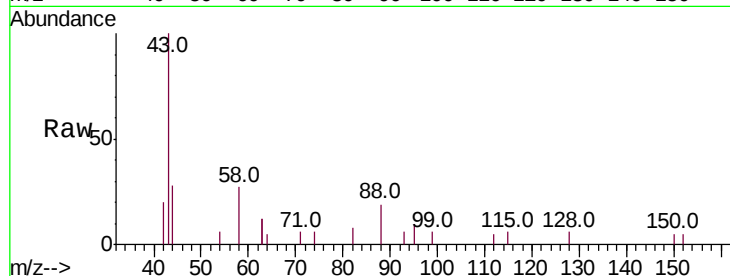
Tot Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 4.7 57.0 85.4#

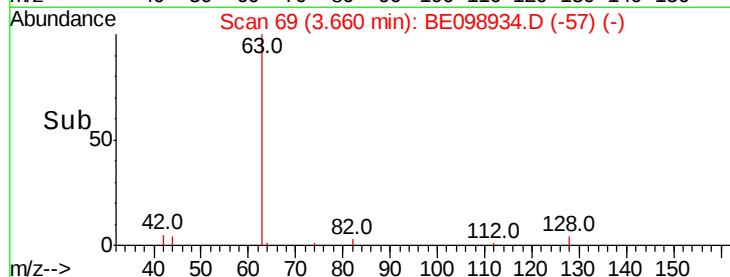
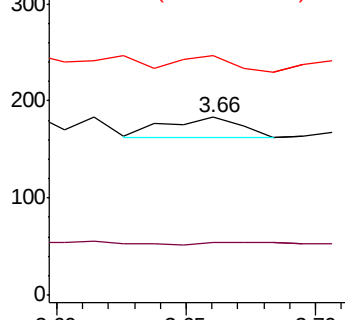
44 60.5 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

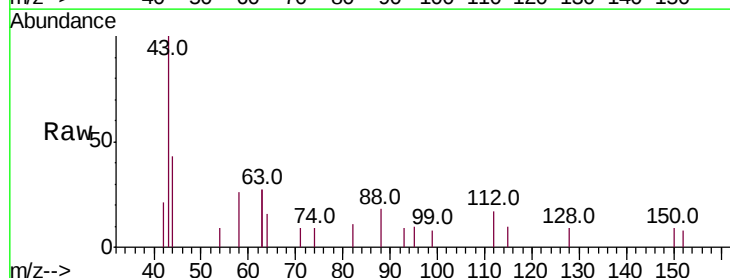
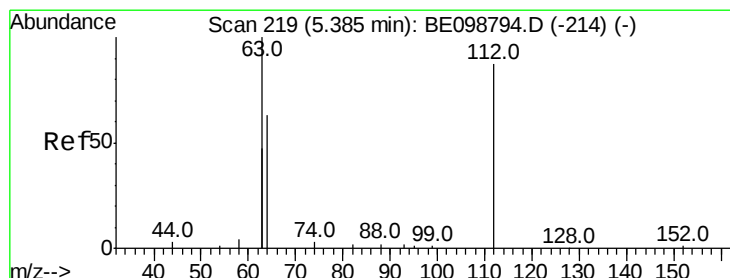
Tgt Ion: 112 Resp: 326

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

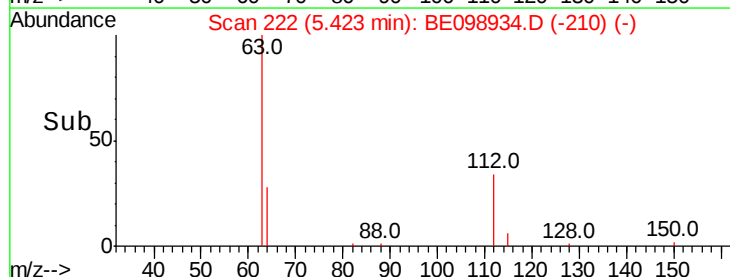
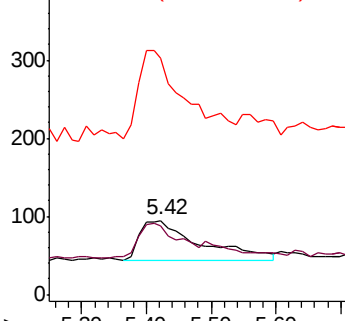
63 0.0 158.3 237.5#

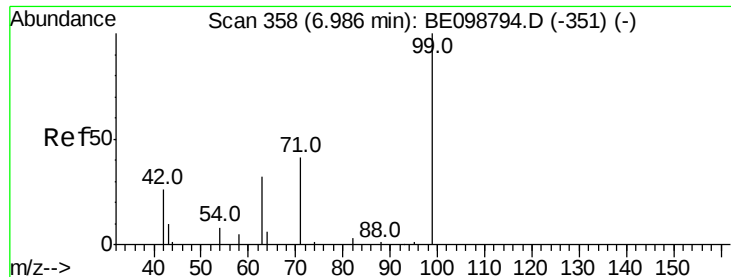


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

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DUP04-20190311

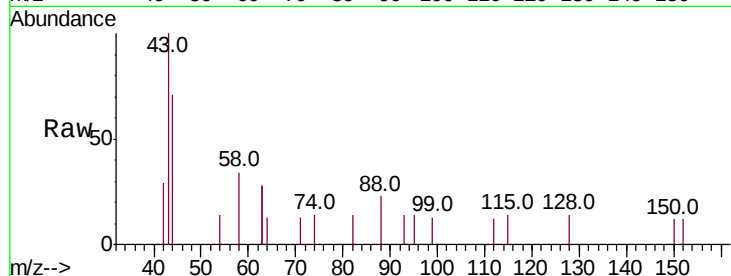
Tot Ion: 99 Resp: 5

Ion Ratio Lower Upper

99 100

42 360.0 24.2 36.2#

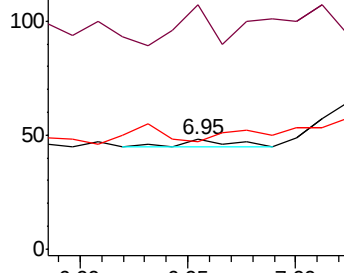
71 0.0 35.7 53.5#



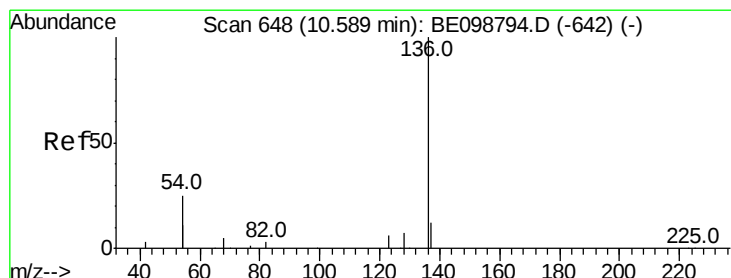
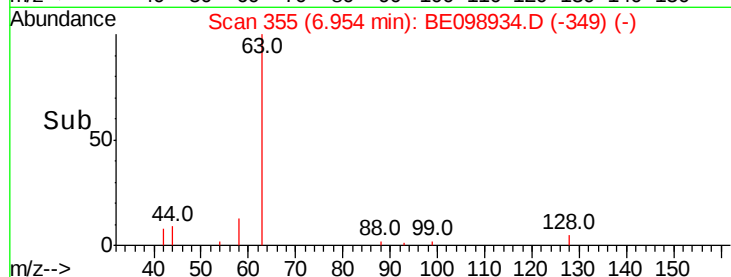
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Tgt Ion: 136 Resp: 3059

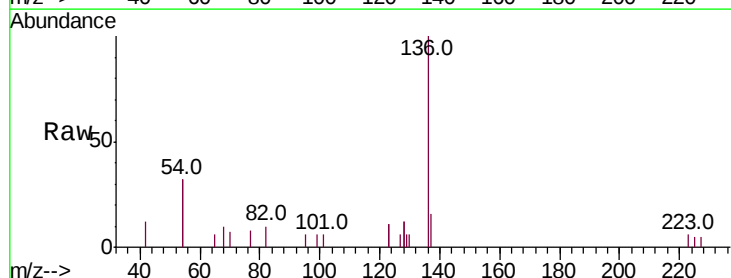
Ion Ratio Lower Upper

136 100

137 16.0 11.4 17.0

54 64.4 39.3 58.9#

68 10.2 6.7 10.1#

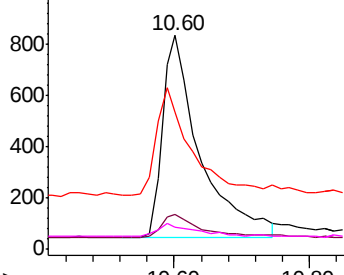


Abundance Ion 136.00 (135.70 to 136.70): E

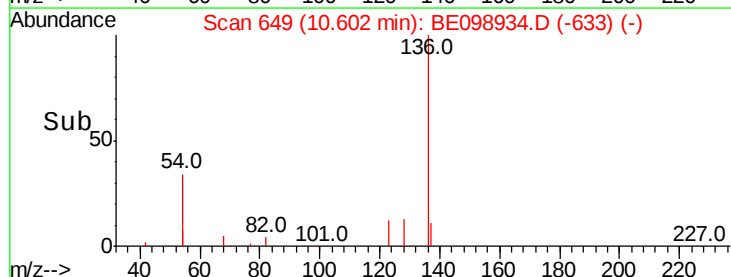
Ion 137.00 (136.70 to 137.70): E

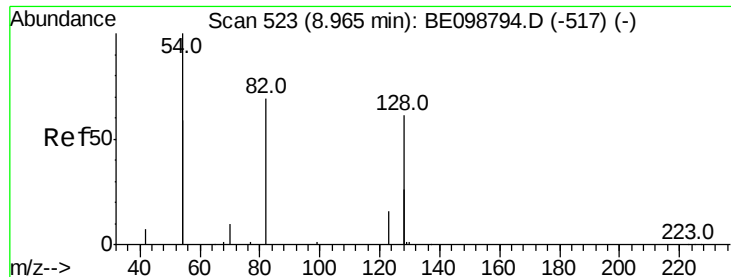
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

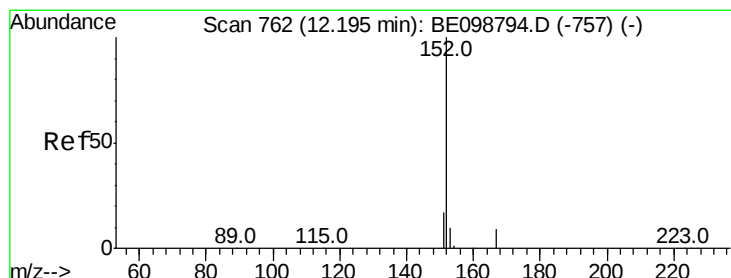
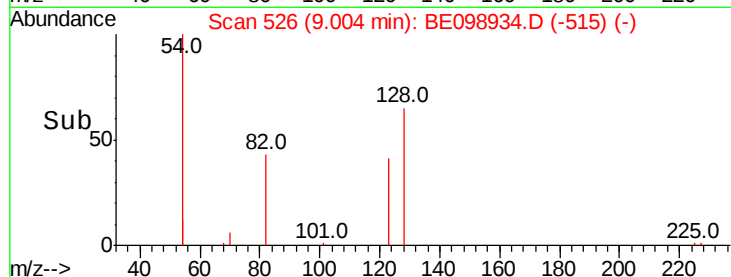
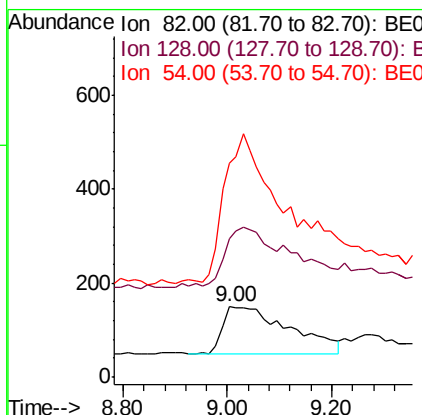
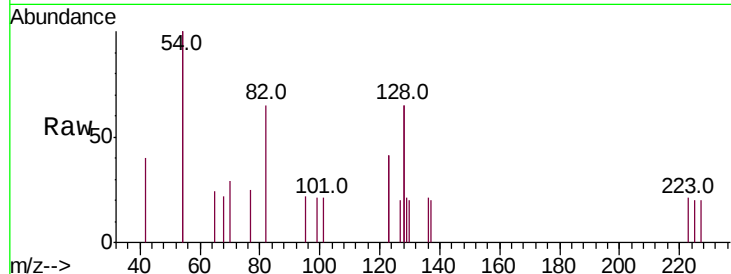




#8
 Nitrobenzene-d5
 Concen: 0.283 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098934.D
 Acq: 14 Mar 2019 6:15

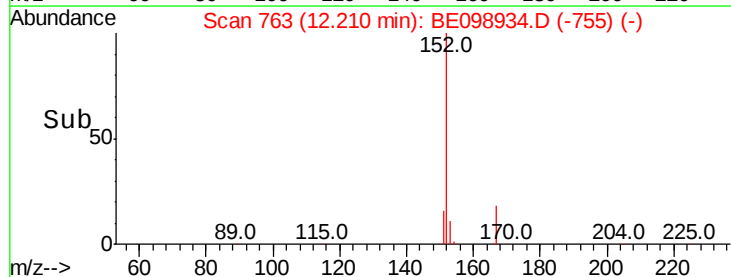
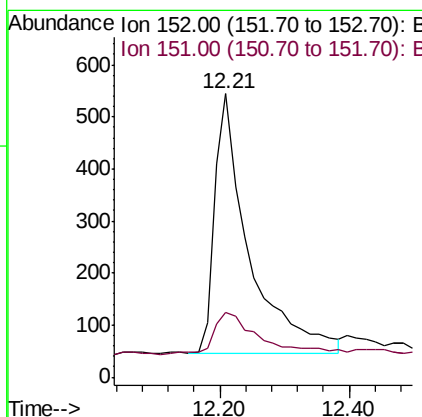
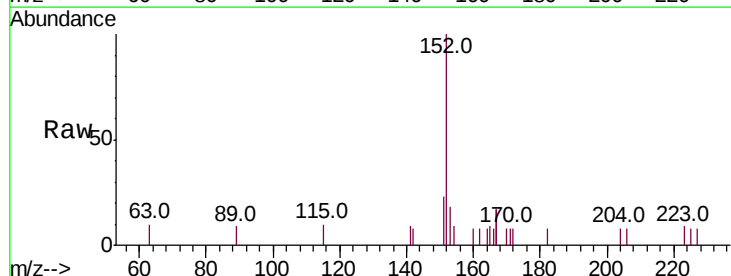
Instrument :
 BNA_E
 ClientSampleId :
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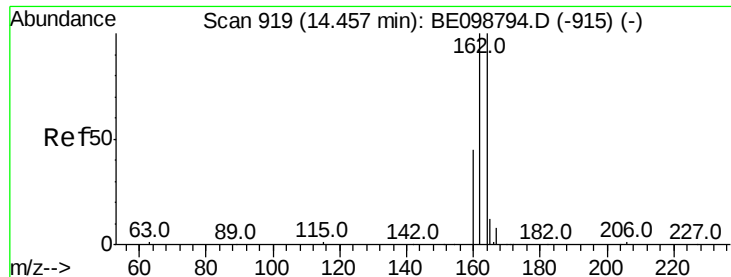
Tot Ion	82	Resp	908
Ion Ratio	Lower	Upper	
82	100		
128	198.7	123.8	185.8#
54	306.0	203.4	305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098934.D
 Acq: 14 Mar 2019 6:15

Tgt Ion	152	Resp	1829
Ion Ratio	Lower	Upper	
152	100		
151	18.5	16.5	24.7

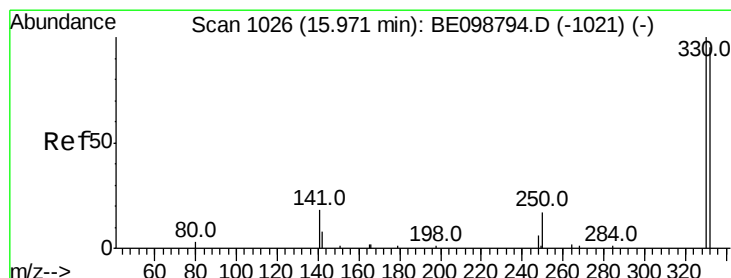
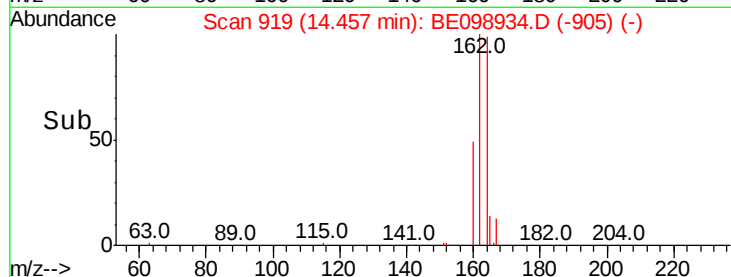
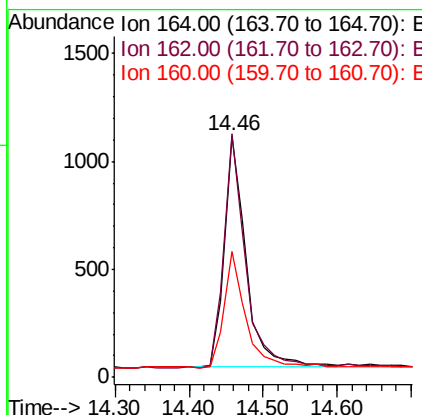
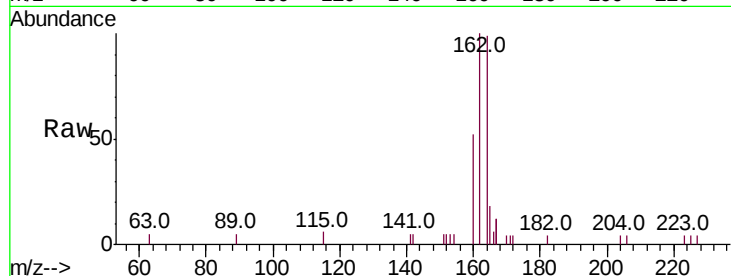




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

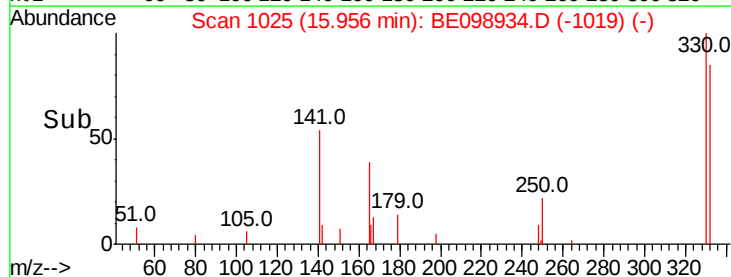
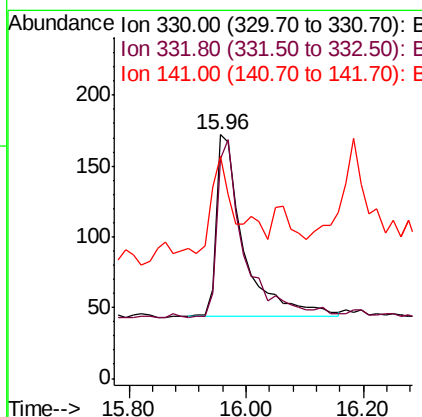
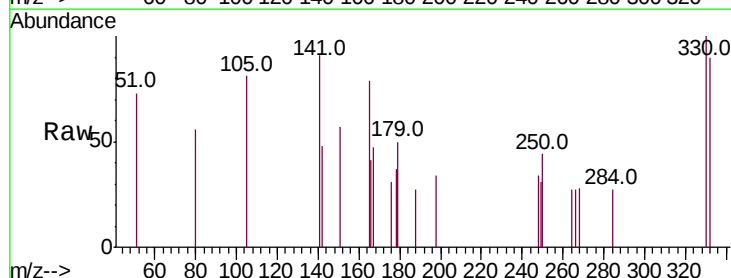
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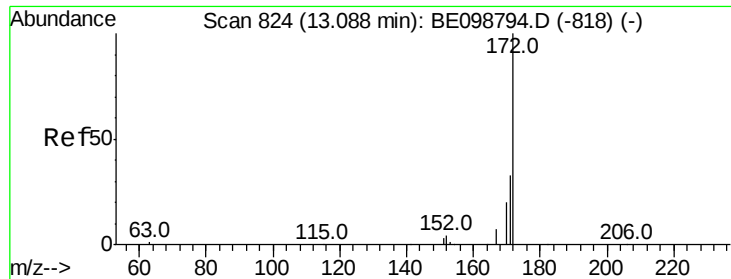
Tot Ion:164 Resp: 2194
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 52.0 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:330 Resp: 421
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 39.2 31.0 46.4

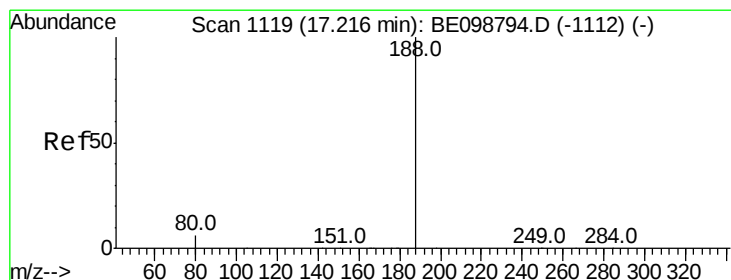
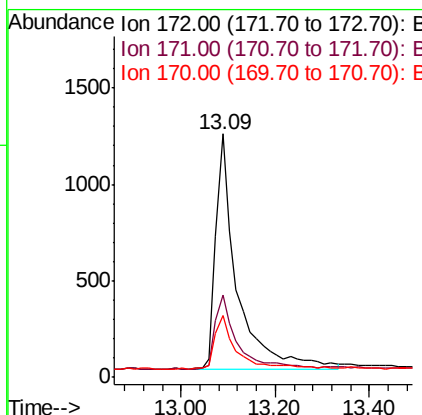
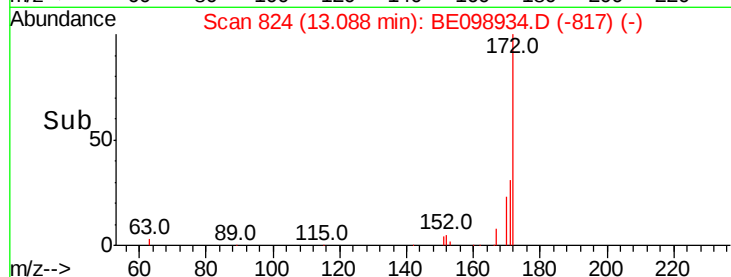
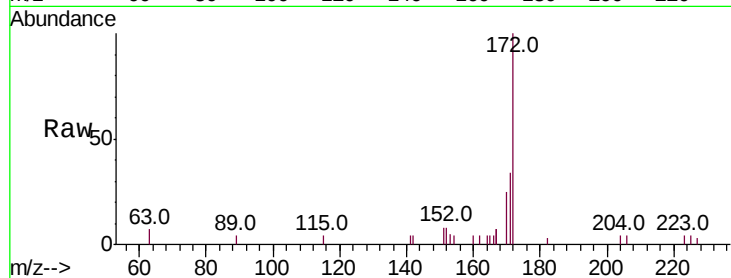




#15
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098934.D
 Acq: 14 Mar 2019 6:15

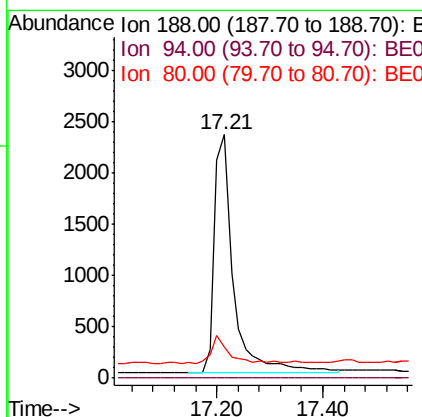
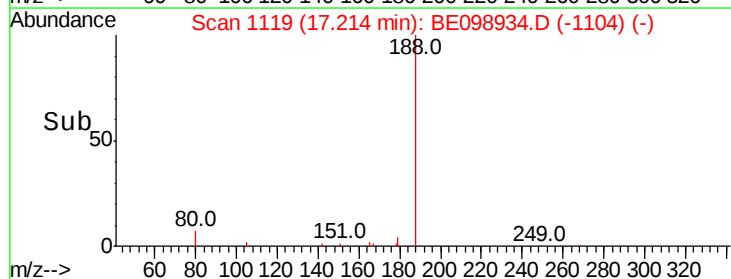
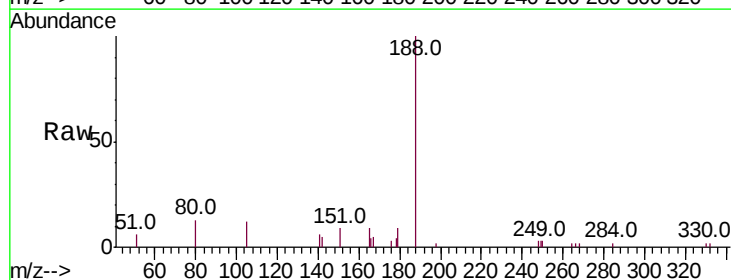
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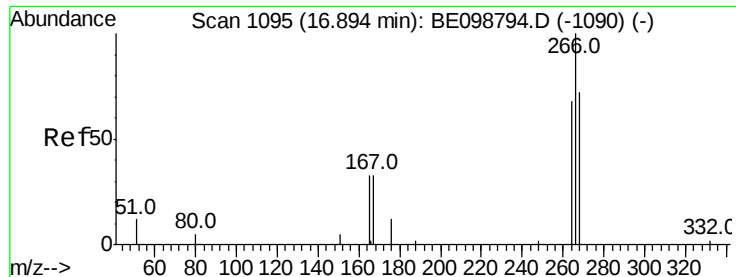
Tot Ion:172 Resp: 3765
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.0 42.0
 170 25.3 17.7 26.5



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE098934.D
 Acq: 14 Mar 2019 6:15

Tgt Ion:188 Resp: 5712
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.0 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.268 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

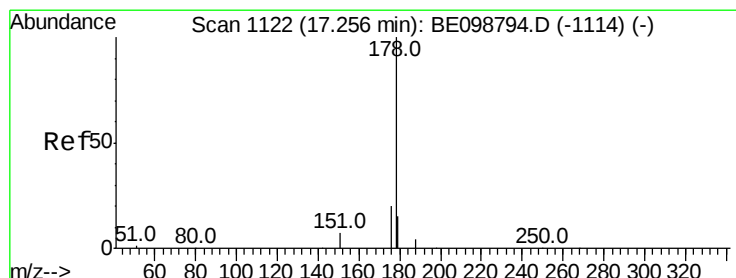
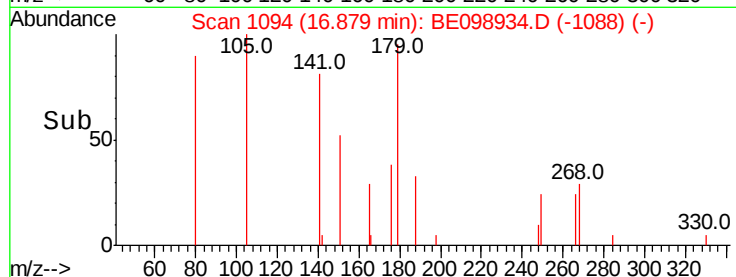
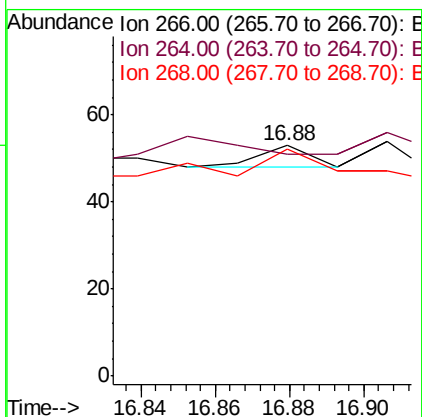
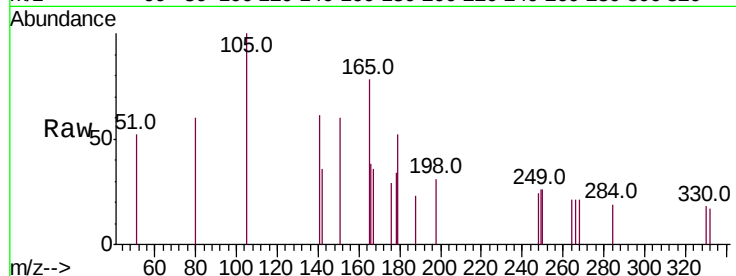
Instrument :

BNA_E

ClientSampleId :

DUP04-20190311

Tot Ion:266	Resp:	5	
Ion Ratio	Lower	Upper	
266	100		
264	96.2	66.6	100.0
268	98.1	69.8	104.8



#23

Phenanthrene

Concen: 0.042 ng

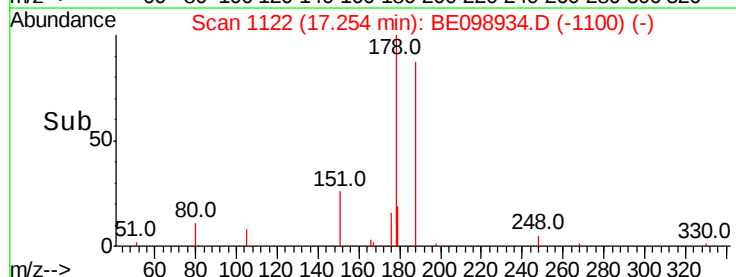
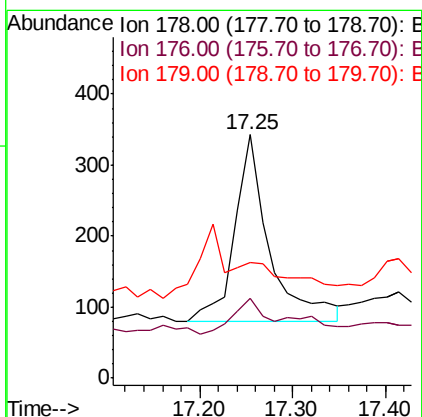
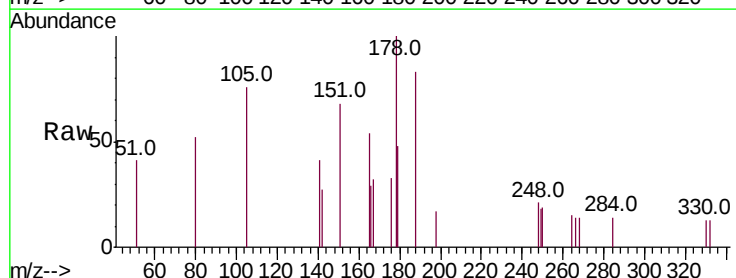
RT: 17.25 min Scan# 1122

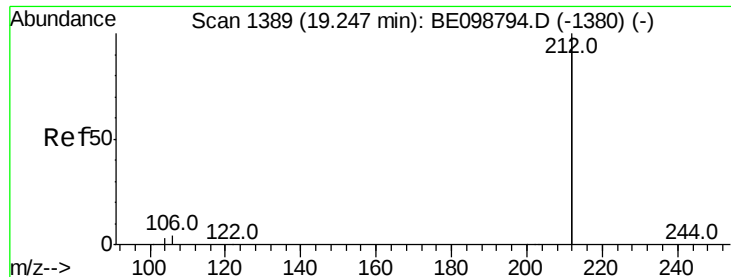
Delta R.T. -0.00 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Tgt Ion:178	Resp:	683
Ion Ratio	Lower	Upper
178 100		
176 16.7	16.0	24.0
179 0.0	12.1	18.1#





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

ClientSampleId :

DUP04-20190311

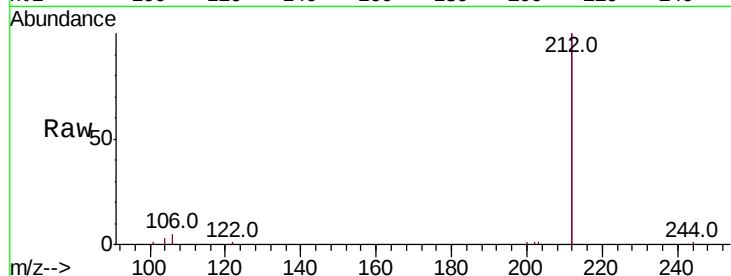
Tot Ion:212 Resp: 29720

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

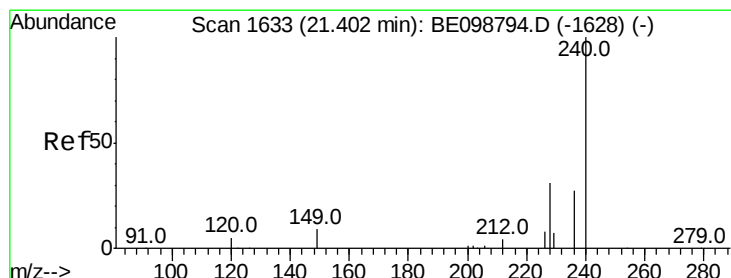
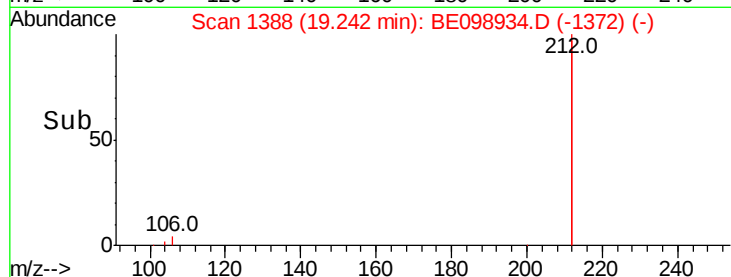
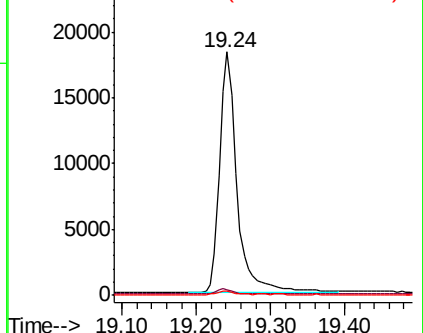
104 1.3 1.0 1.6



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: BE098934.D

Acq: 14 Mar 2019 6:15

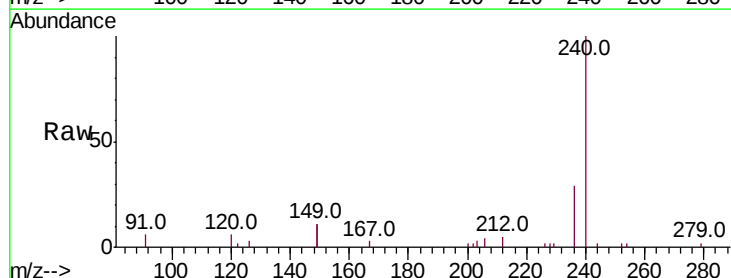
Tgt Ion:240 Resp: 6628

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

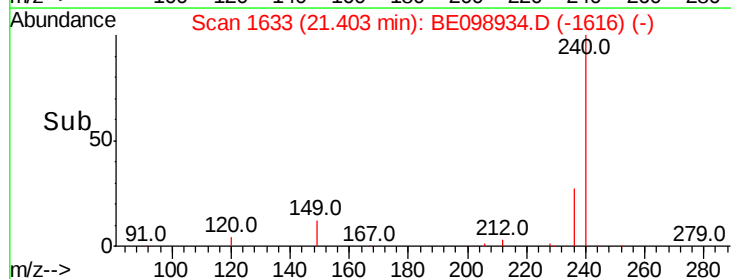
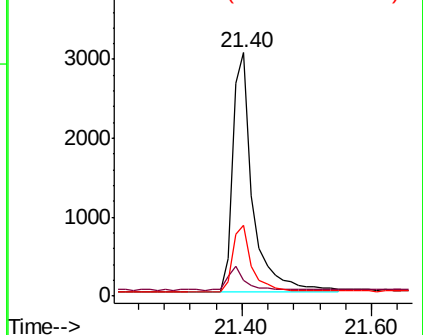
236 29.0 22.7 34.1

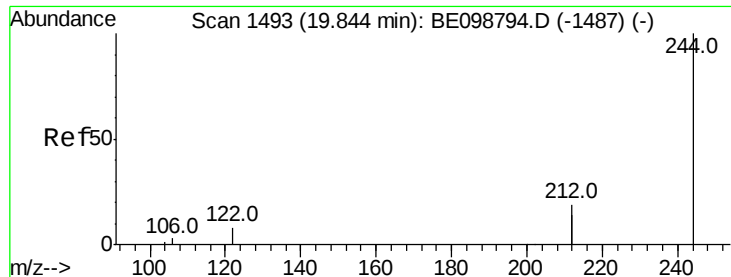


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

ClientSampleId :

DUP04-20190311

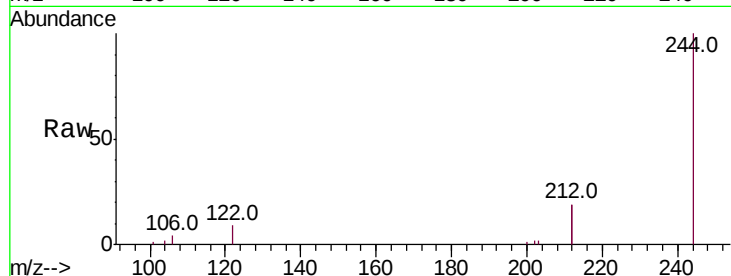
Tot Ion:244 Resp: 8270

Ion Ratio Lower Upper

244 100

212 37.9 29.4 44.2

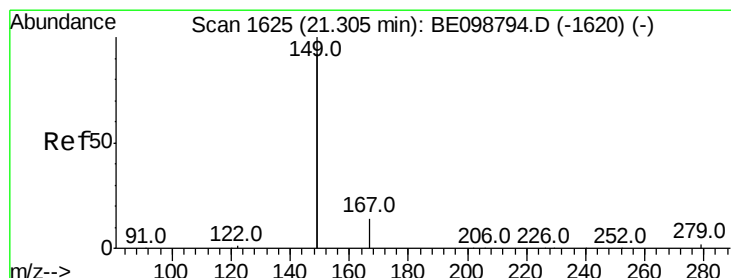
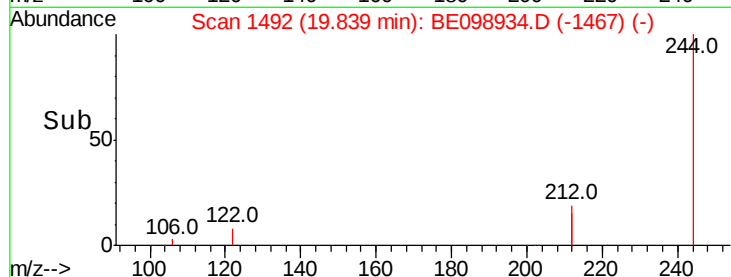
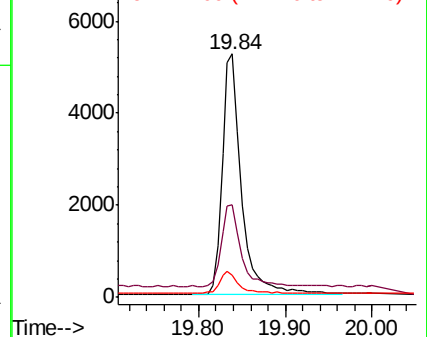
122 9.2 7.1 10.7



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: 0.054 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

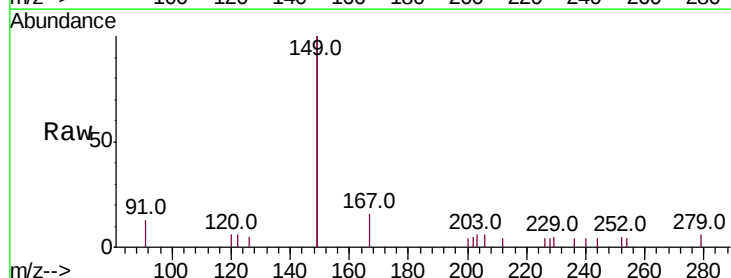
Tgt Ion:149 Resp: 2383

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

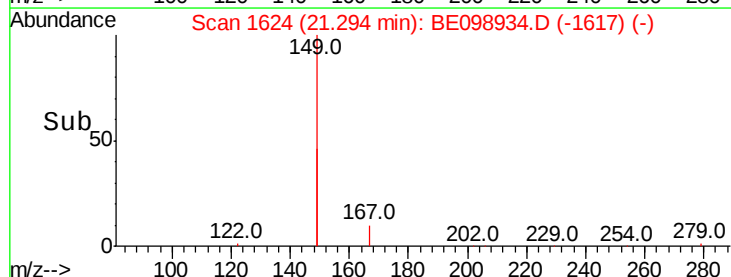
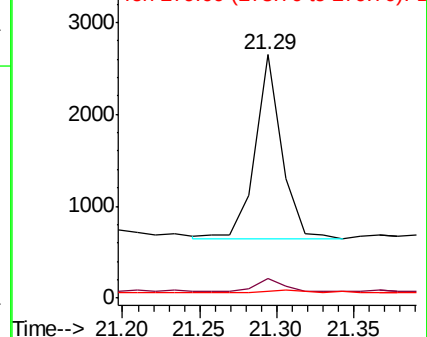
279 2.6 1.0 1.4#

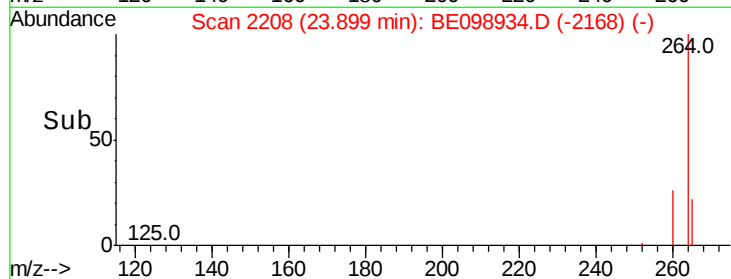
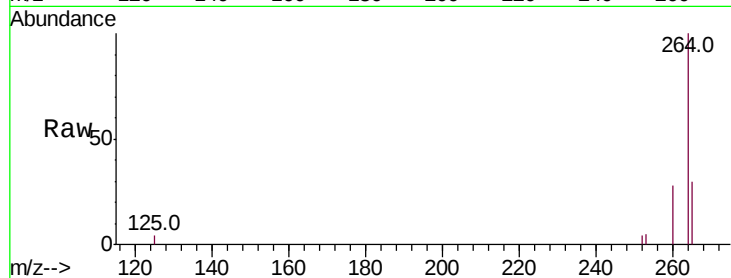
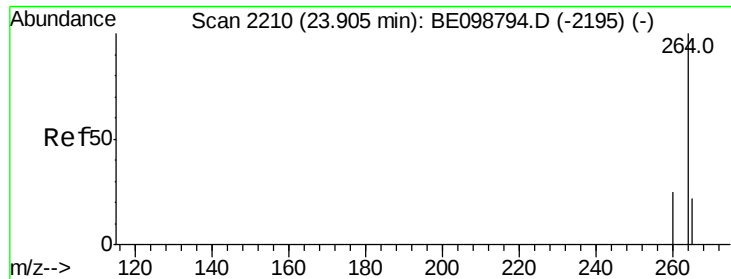


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

ClientSampleId :

DUP04-20190311

Tot Ion:264 Resp: 6403

Ion Ratio Lower Upper

264 100

260 27.6 21.2 31.8

265 29.8 24.6 36.8

