

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098345.D
 Acq On : 11 Dec 2018 22:38
 Operator : SJ/JU
 Sample : J6288-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:25:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

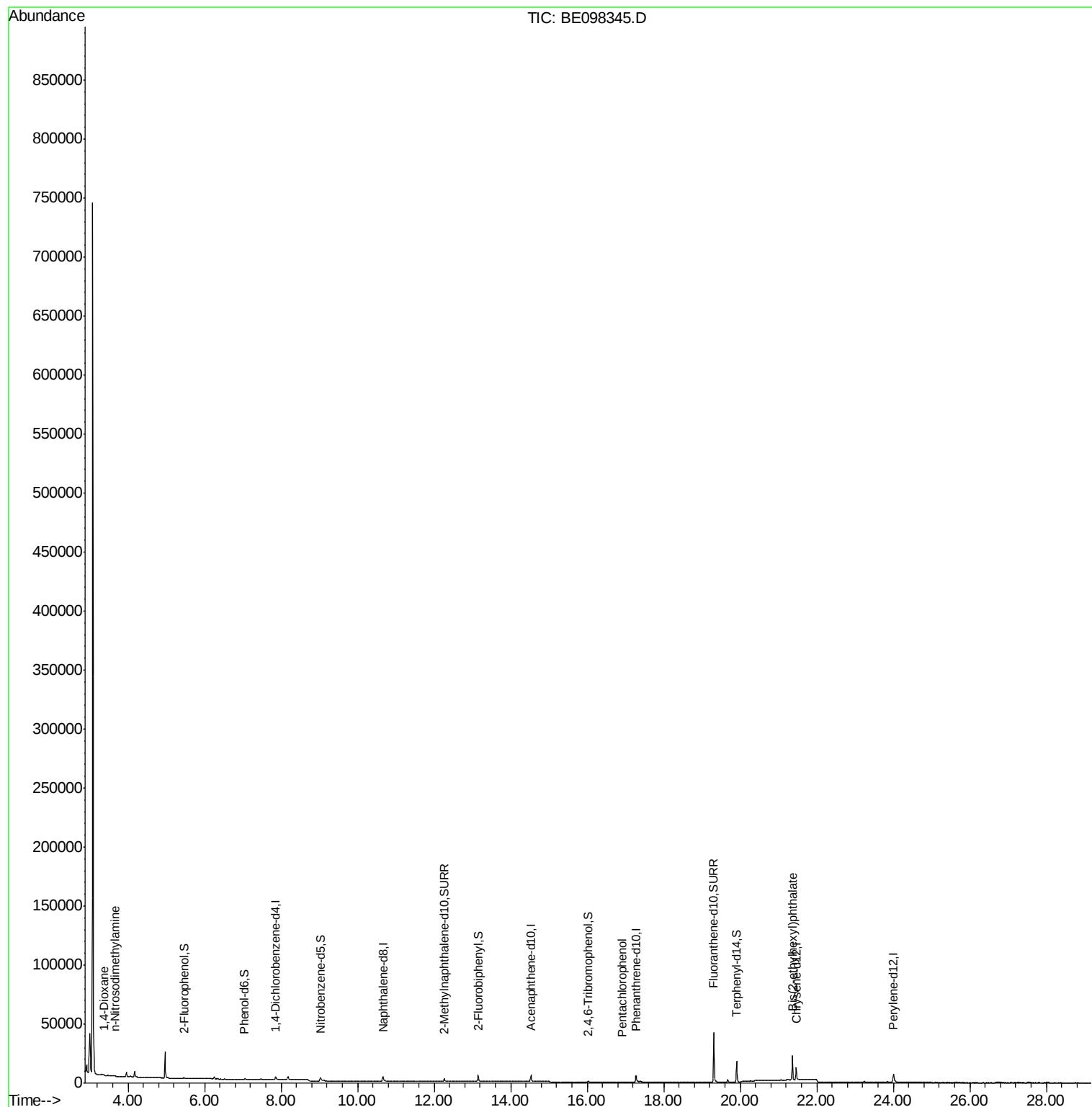
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1269	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5685	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3657	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9655	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12335	0.40	ng	0.00
34) Perylene-d12	24.00	264	11696	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	583	0.20	ng	0.00
5) Phenol-d6	7.04	99	455	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	2347	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4290	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	692	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6768	0.44	ng	0.00
25) Fluoranthene-d10	19.31	212	65179	0.53	ng	0.00
29) Terphenyl-d14	19.90	244	17422	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	155	0.071	ng	Qvalue # 74
3) n-Nitrosodimethylamine	3.66	42	120	0.061	ng	# 100
22) Pentachlorophenol	16.92	266	6	0.023	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.37	149	25073	0.351	ng	# 99

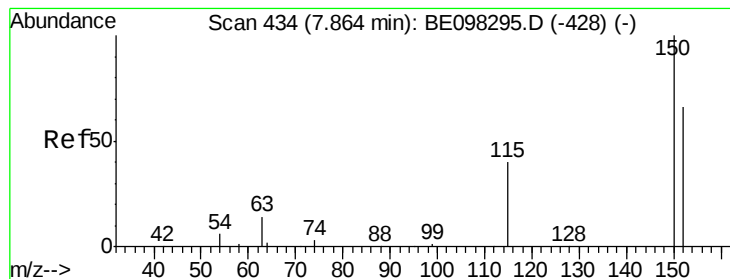
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098345.D

Acq: 11 Dec 2018 22:38

Instrument :

BNA_E

ClientSampleId :

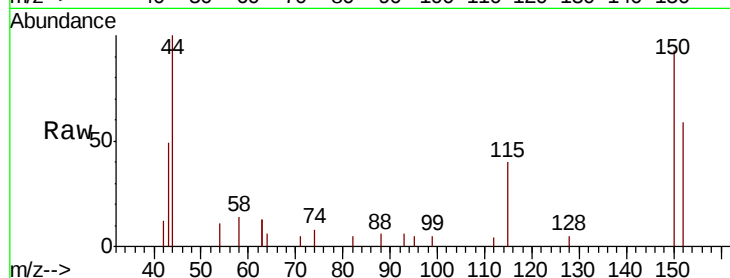
Tot Ion:152 Resp: 1269

Ion Ratio Lower Upper

152 100

150 158.0 124.2 186.4

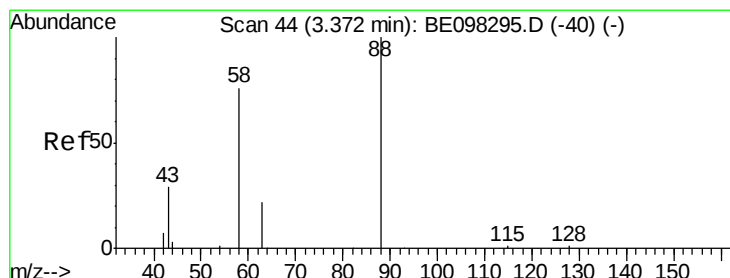
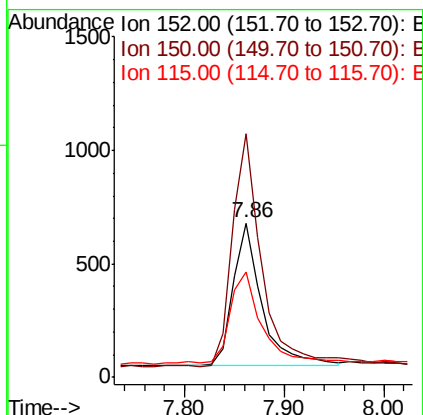
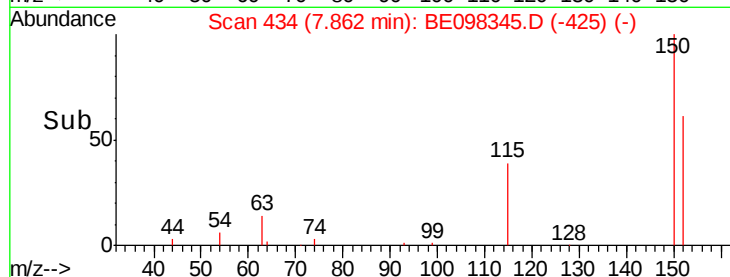
115 68.2 53.9 80.9



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: 0.071 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098345.D

Acq: 11 Dec 2018 22:38

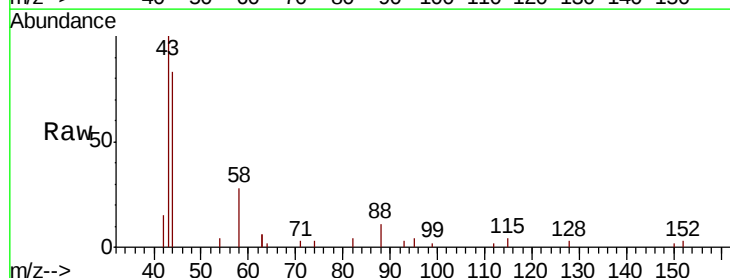
Tgt Ion: 88 Resp: 155

Ion Ratio Lower Upper

88 100

58 97.4 75.0 112.6

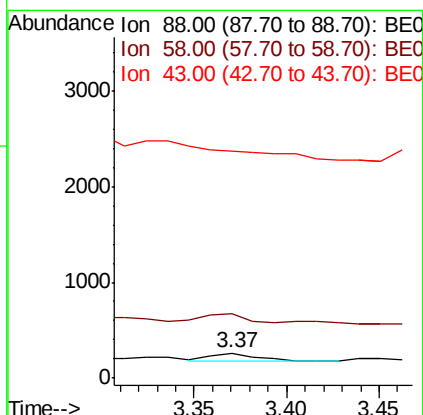
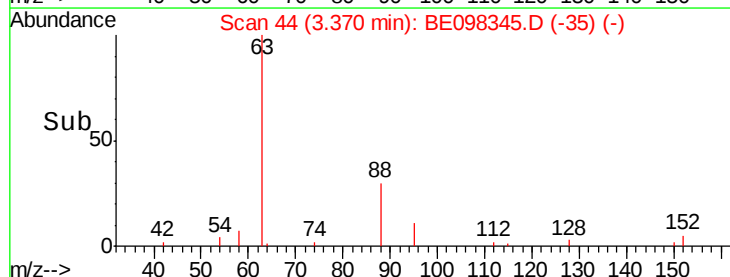
43 0.0 38.3 57.5#



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



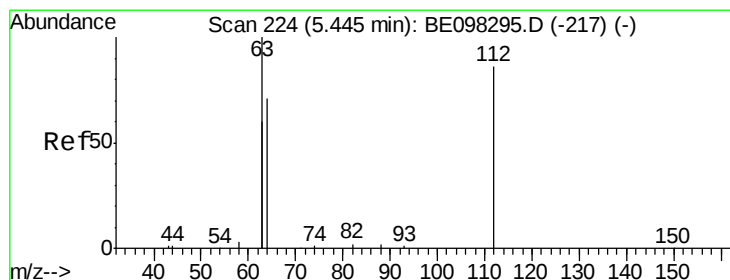
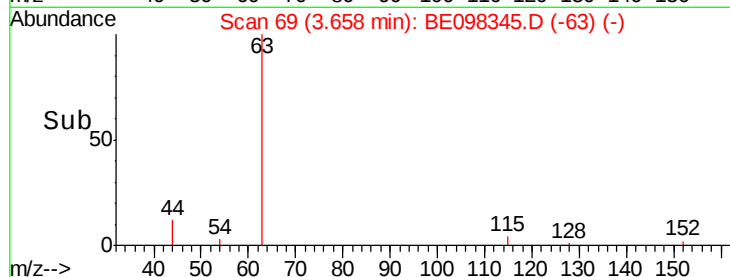
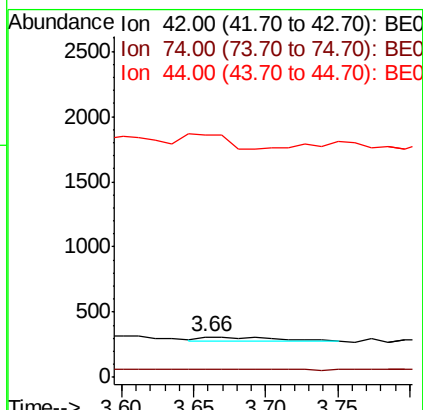
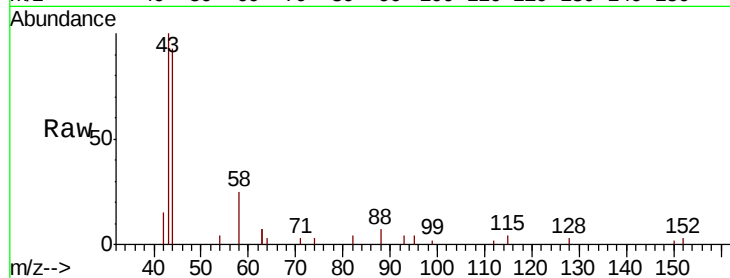


#3

n-Nitrosodimethylamine
 Concen: 0.061 ng
 RT: 3.66 min Scan# 69
 Delta R.T. -0.04 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

Instrument :
 BNA_E
 ClientSampleId :

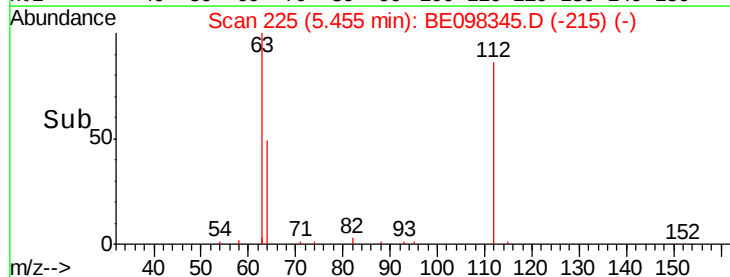
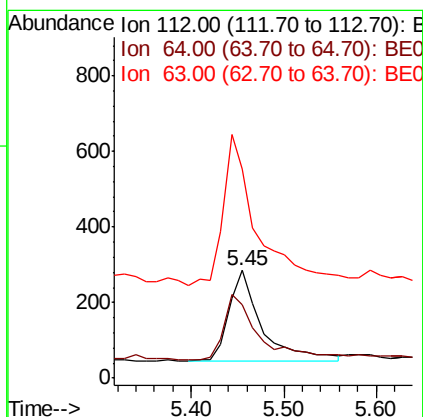
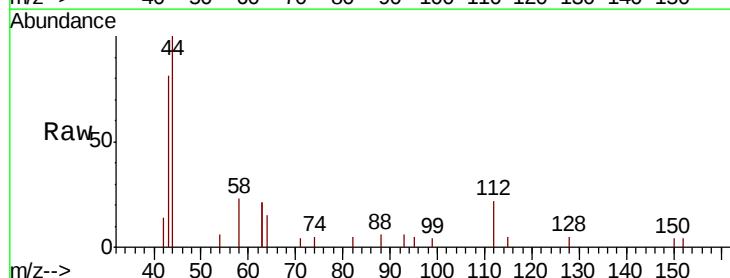
Tot Ion: 42 Resp: 120
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.196 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

Tgt Ion: 112 Resp: 583
 Ion Ratio Lower Upper
 112 100
 64 85.9 59.8 89.8
 63 181.8 133.7 200.5





#5

Phenol-d6

Concen: 0.108 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098345.D

Acq: 11 Dec 2018 22:38

Instrument :

BNA_E

ClientSampleId :

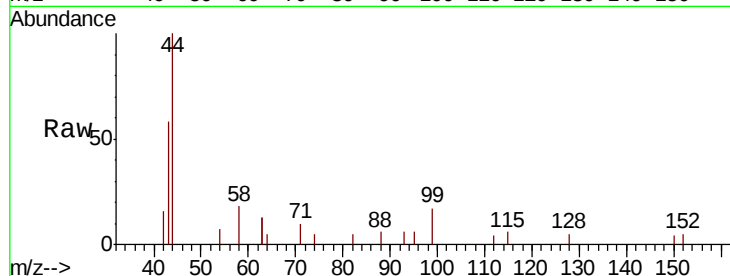
Tot Ion: 99 Resp: 455

Ion Ratio Lower Upper

99 100

42 34.7 26.3 39.5

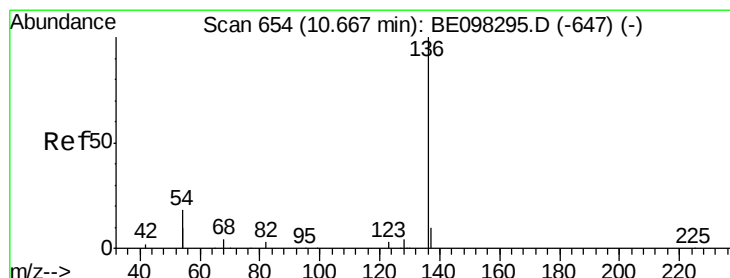
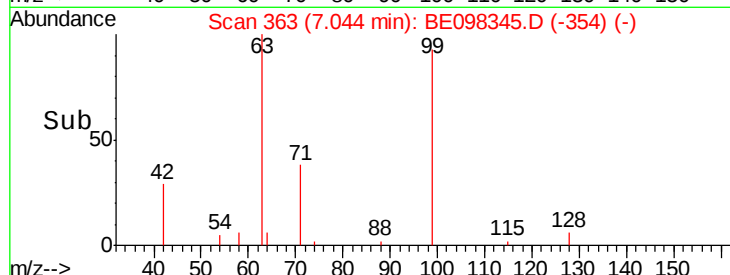
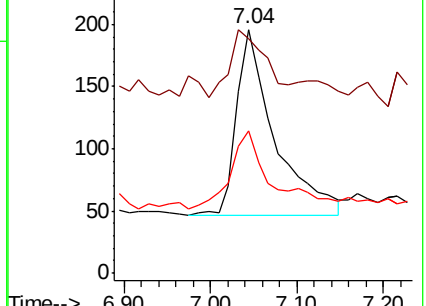
71 44.4 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098345.D

Acq: 11 Dec 2018 22:38

Tgt Ion: 136 Resp: 5685

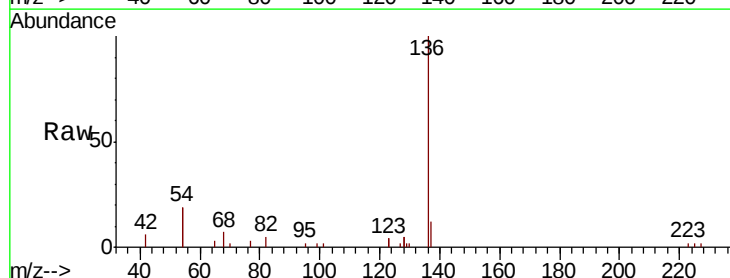
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 38.6 28.4 42.6

68 6.9 5.4 8.0

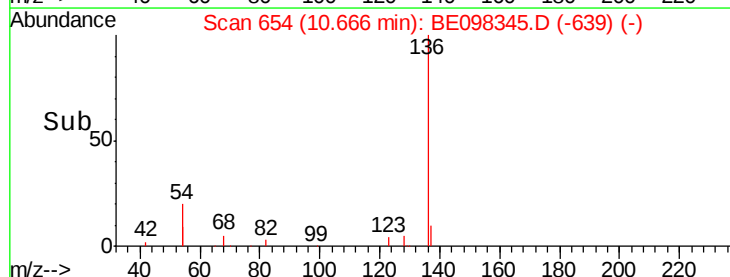
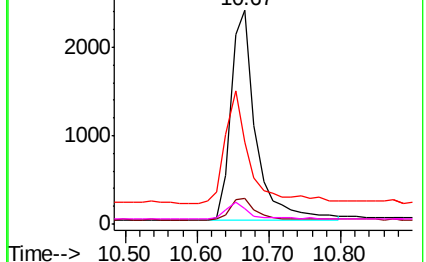


Abundance Ion 136.00 (135.70 to 136.70): E

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

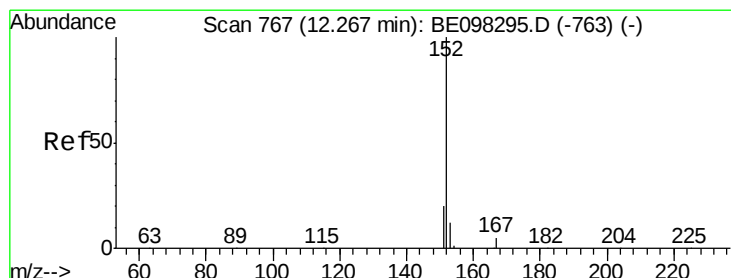
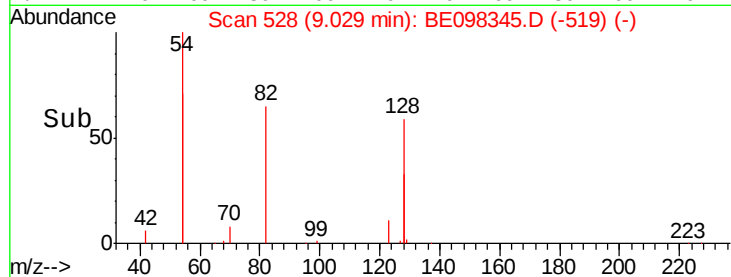
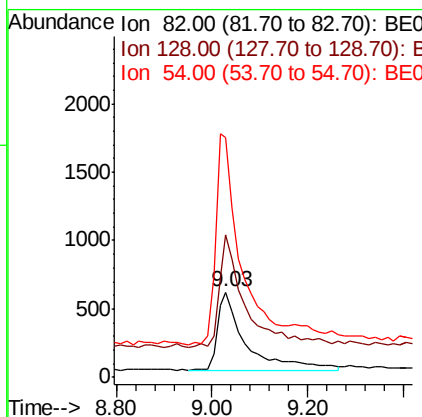
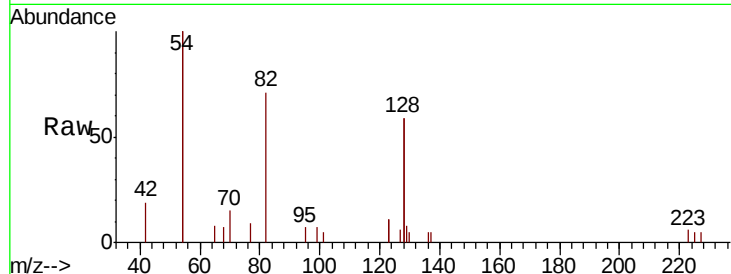




#8
 Nitrobenzene-d5
 Concen: 0.454 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

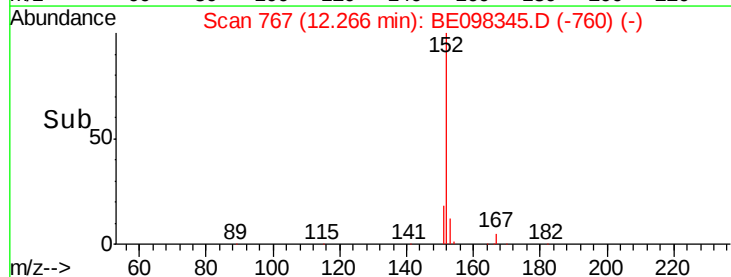
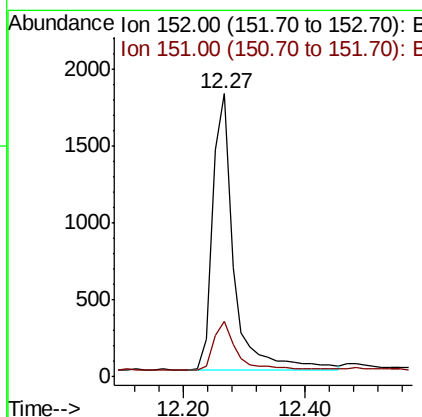
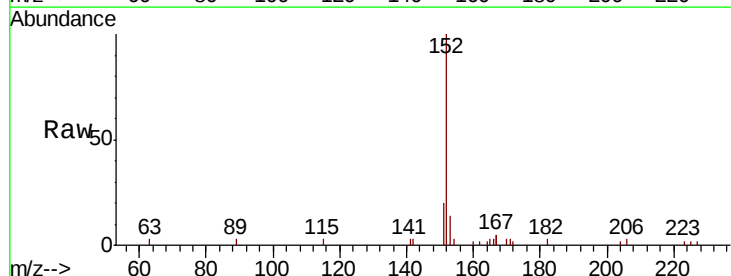
Instrument :
 BNA_E
 ClientSampleId :

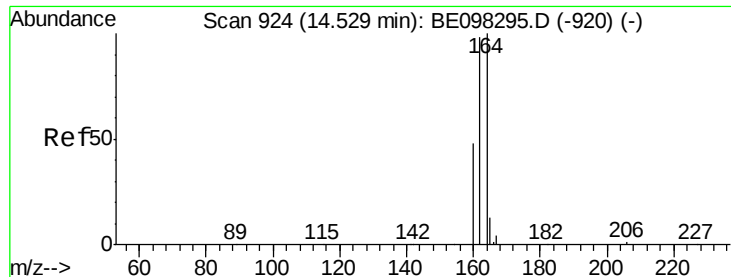
Tot Ion	Ratio	Lower	Upper
82	100		
128	167.3	102.4	153.6
54	281.4	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.464 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4

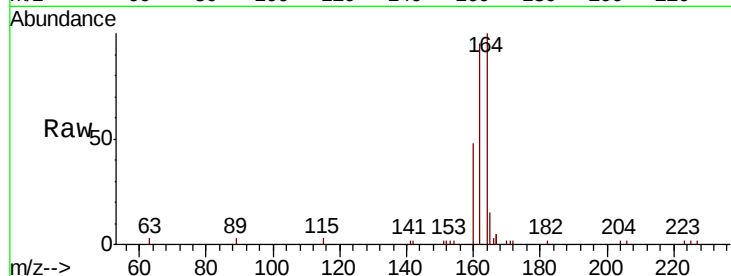




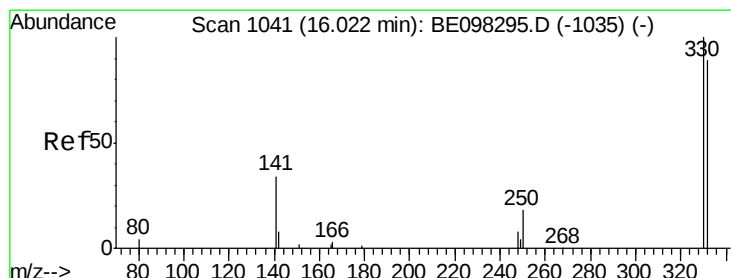
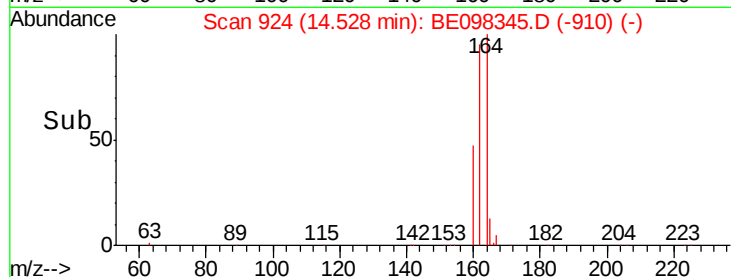
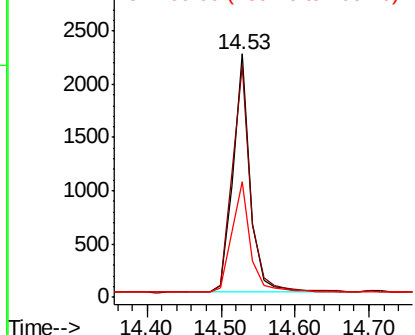
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098345.D
Acq: 11 Dec 2018 22:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3657
Ion Ratio Lower Upper
164 100
162 95.1 77.6 116.4
160 47.6 36.0 54.0

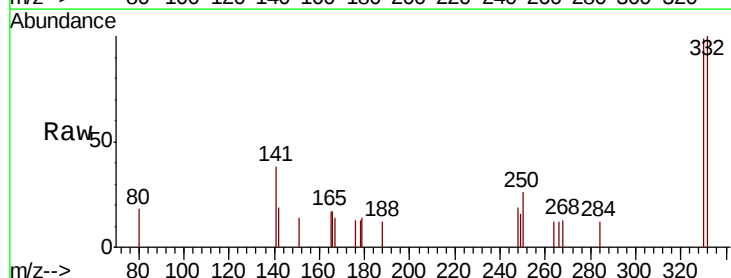


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

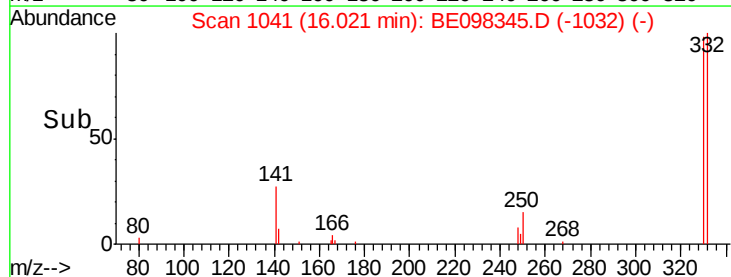
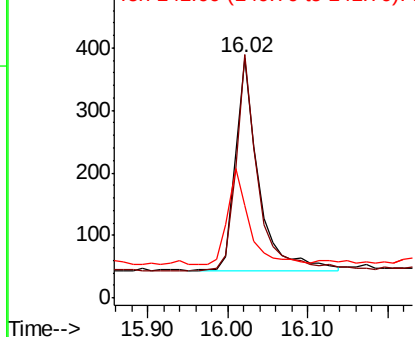


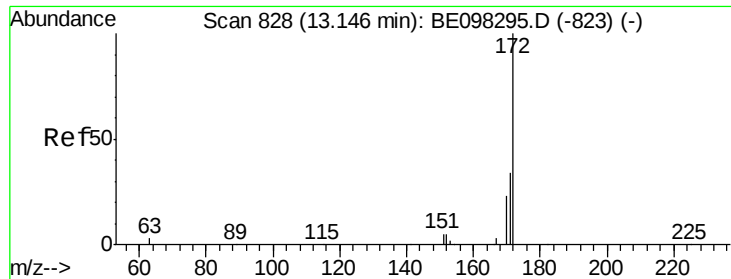
#14
2,4,6-Tribromophenol
Concen: 0.515 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098345.D
Acq: 11 Dec 2018 22:38

Tgt Ion:330 Resp: 692
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 41.8 39.0 58.4



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

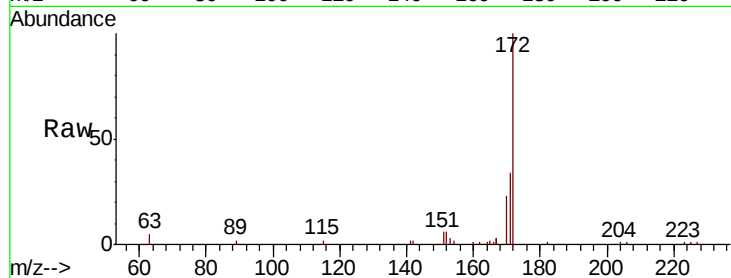




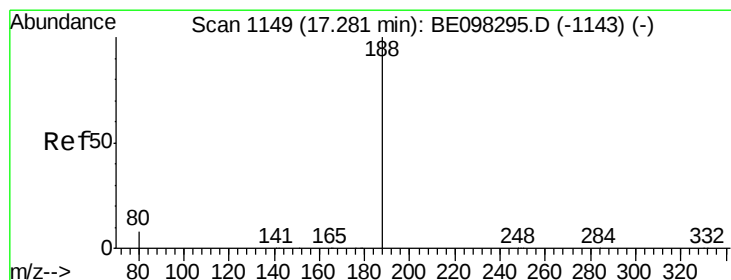
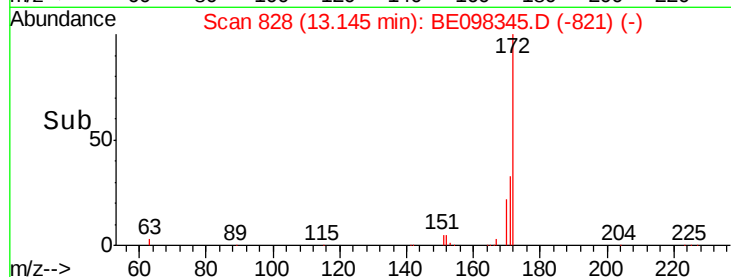
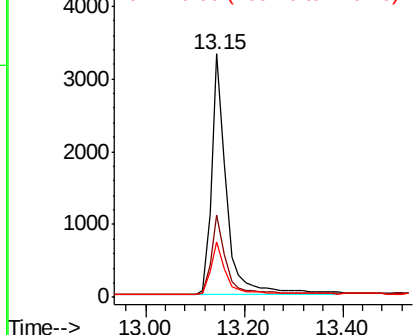
#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098345.D
Acq: 11 Dec 2018 22:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6768
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 22.8 19.6 29.4

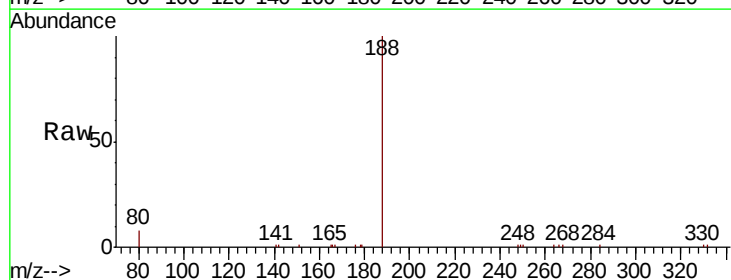


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

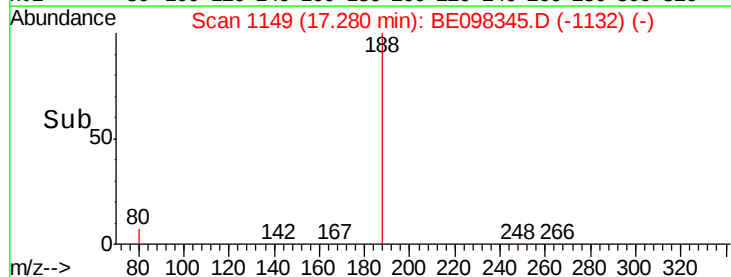
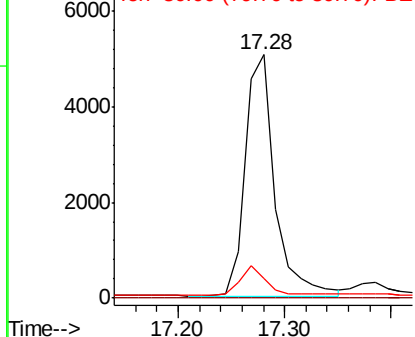


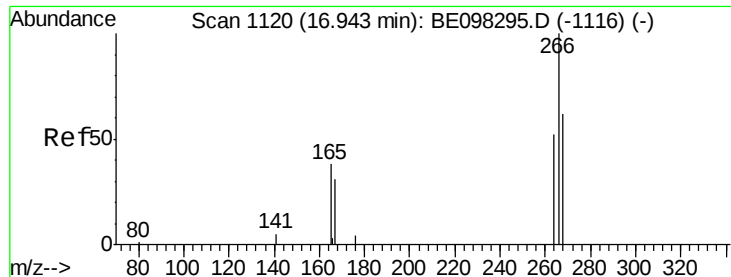
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098345.D
Acq: 11 Dec 2018 22:38

Tgt Ion:188 Resp: 9655
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.2 10.8



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

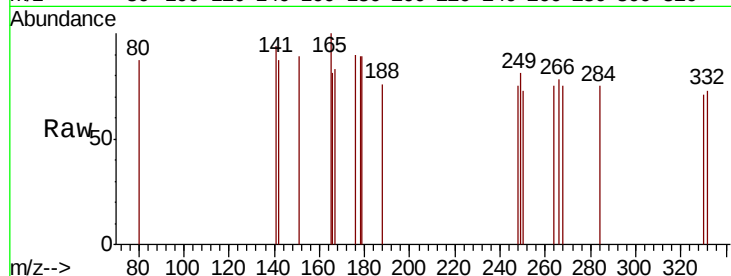




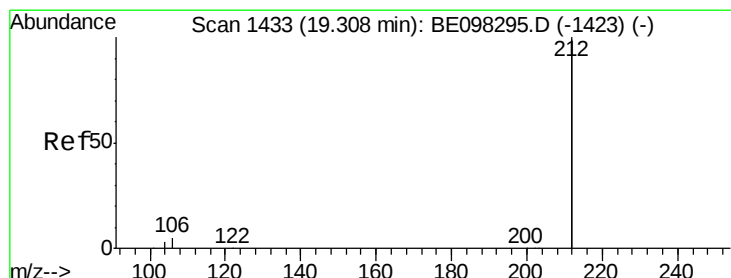
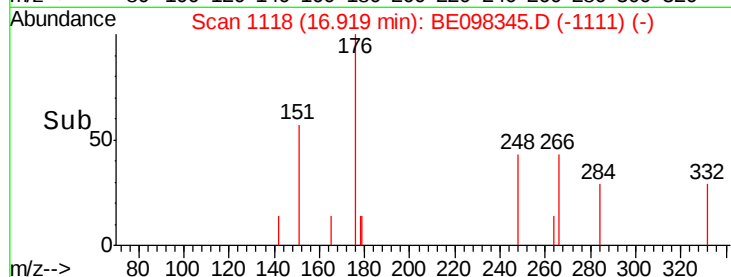
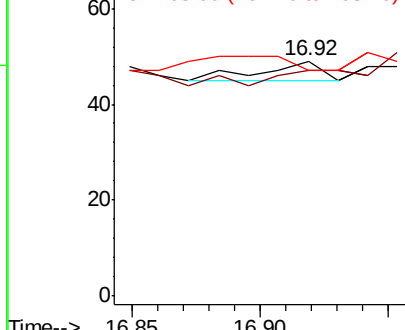
#22
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.92 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 95.9 59.0 88.4#
 268 95.9 55.1 82.7#

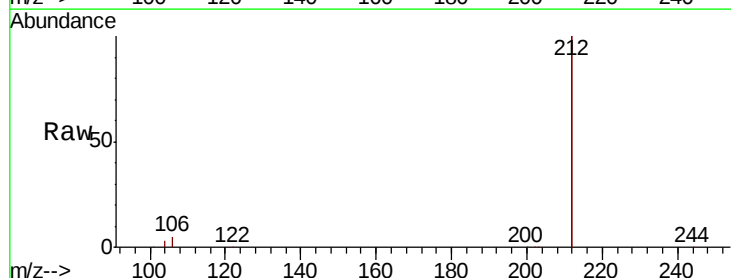


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

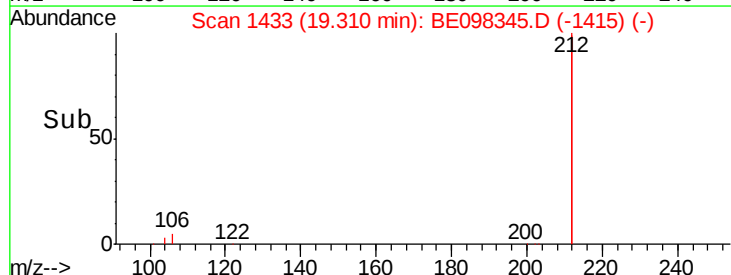
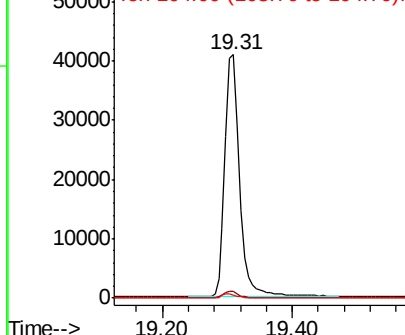


#25
 Fluoranthene-d10
 Concen: 0.526 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

Tgt Ion:212 Resp: 65179
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 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

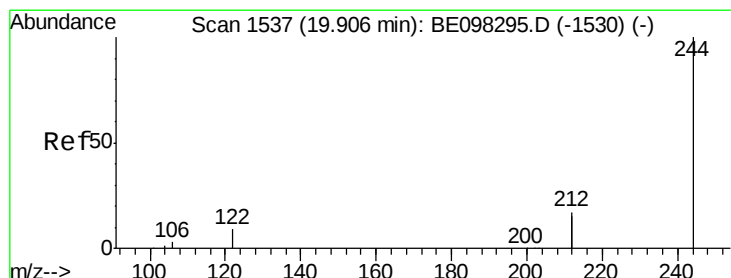
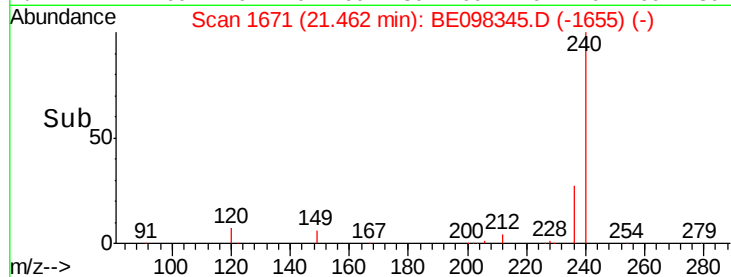
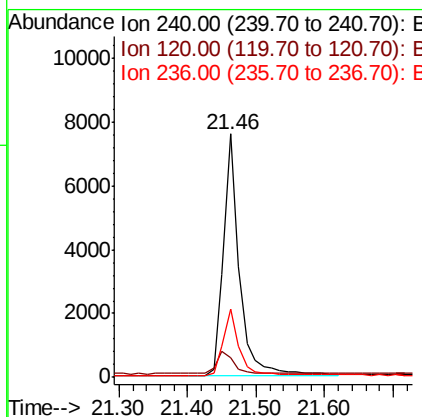
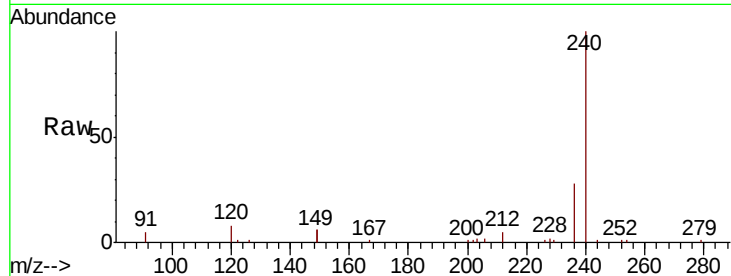




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

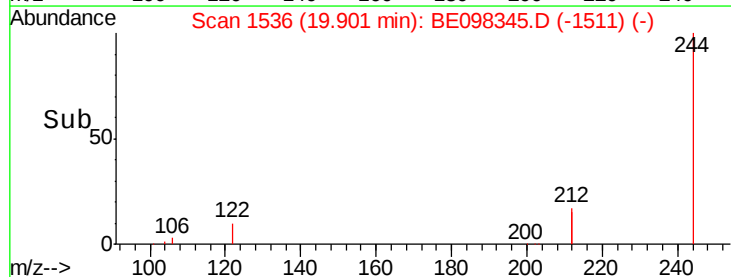
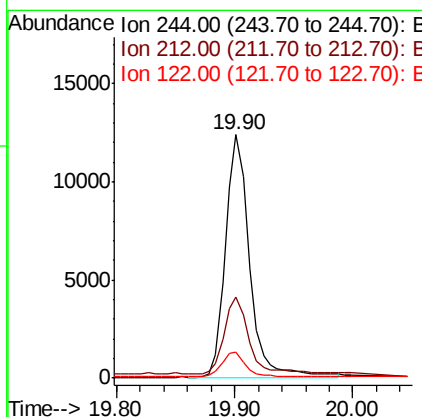
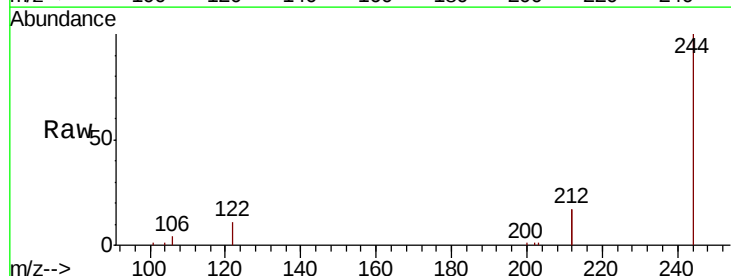
Instrument :
 BNA_E
 ClientSampleID :

Tot Ion:240 Resp: 12335
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.5 14.3#
 236 27.8 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.581 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BE098345.D
 Acq: 11 Dec 2018 22:38

Tgt Ion:244 Resp: 17422
 Ion Ratio Lower Upper
 244 100
 212 33.5 27.4 41.0
 122 10.5 8.3 12.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.351 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098345.D

Acq: 11 Dec 2018 22:38

Instrument :

BNA_E

ClientSampleId :

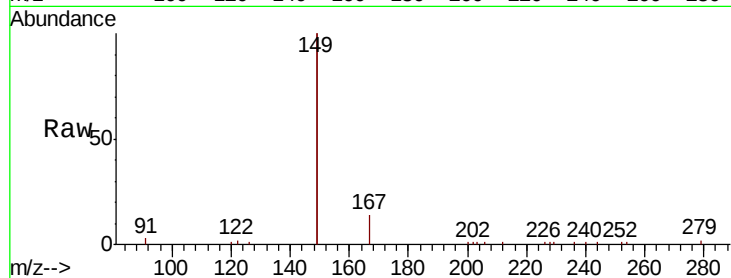
Tot Ion:149 Resp: 25073

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

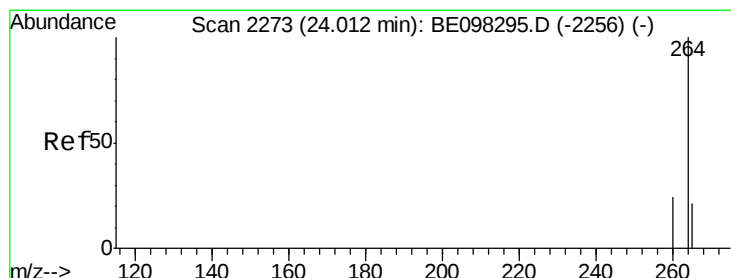
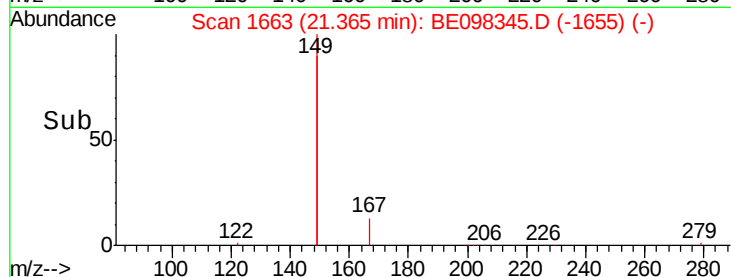
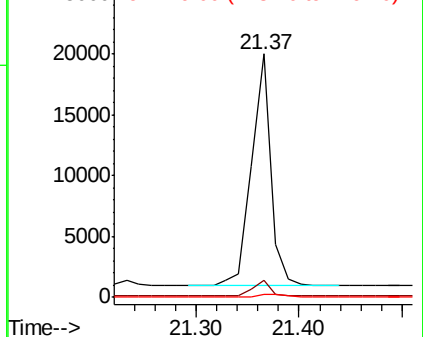
279 1.0 1.0 1.4#



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: 24.00 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098345.D

Acq: 11 Dec 2018 22:38

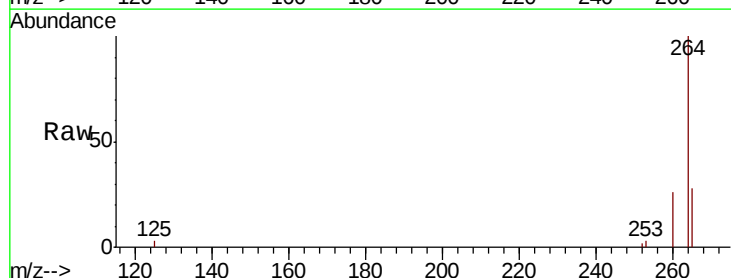
Tgt Ion:264 Resp: 11696

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.2

265 28.1 25.2 37.8



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

