

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098945.D
 Acq On : 14 Mar 2019 14:29
 Operator : JU/SJ
 Sample : SP4663
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP4663

Quant Time: Mar 15 05:31:43 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

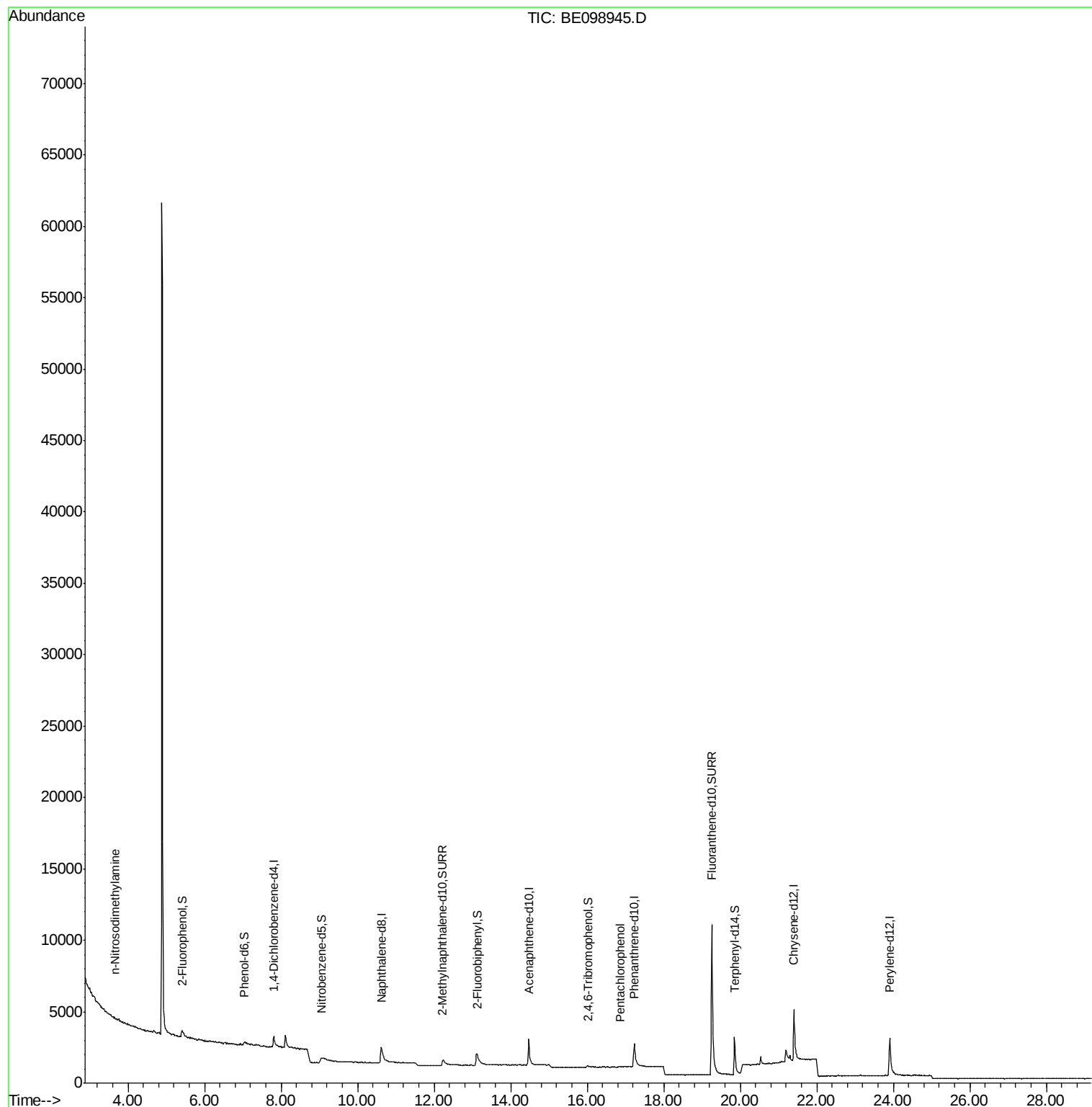
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	707	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2970	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2069	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5451	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6598	0.40	ng	0.00
34) Perylene-d12	23.90	264	6098	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	699	0.33	ng	0.02
5) Phenol-d6	7.04	99	865	0.29	ng	0.06
8) Nitrobenzene-d5	9.07	82	638	0.20	ng	0.10
11) 2-Methylnaphthalene-d10	12.22	152	1711	0.31	ng	0.03
14) 2,4,6-Tribromophenol	16.01	330	212	0.20	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	2655	0.31	ng	0.03
25) Fluoranthene-d10	19.25	212	26239	0.30	ng	0.00
29) Terphenyl-d14	19.85	244	4351	0.27	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	13	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.65	42	48	0.027 ng	#	14
22) Pentachlorophenol	16.85	266	4	0.268 ng		92

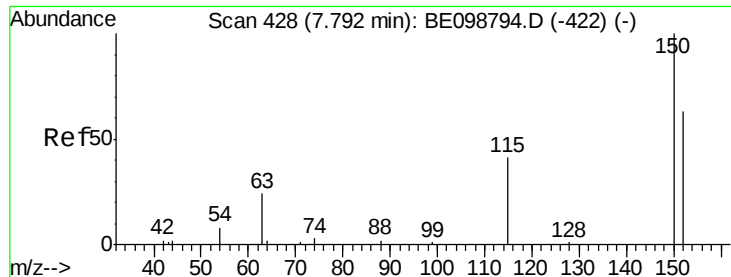
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098945.D
Acq On : 14 Mar 2019 14:29
Operator : JU/SJ
Sample : SP4663
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SP4663

Quant Time: Mar 15 05:31:43 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



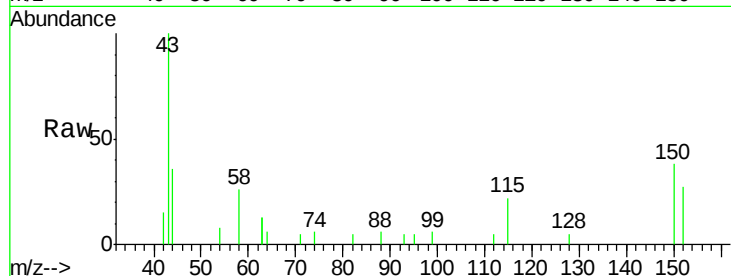


#1

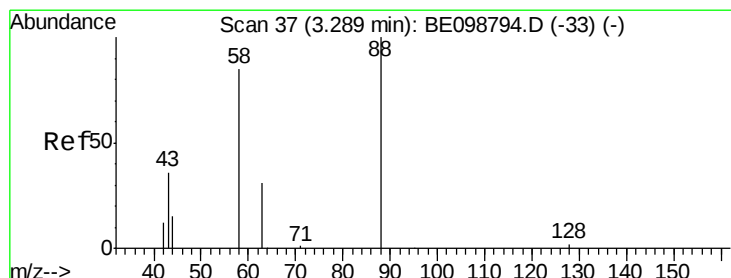
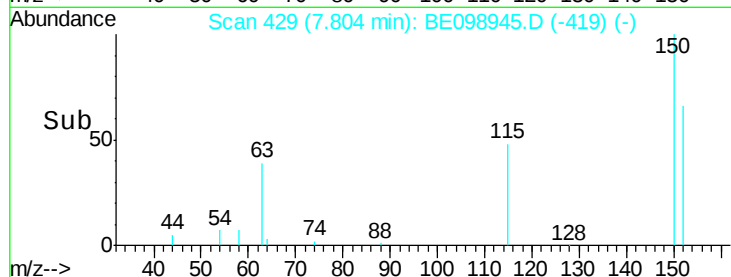
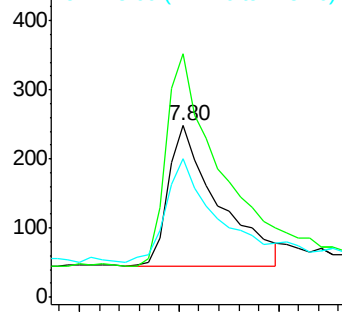
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

Instrument :
BNA_E
ClientSampleId :
SP4663

Tgt Ion: 152 Resp: 707
Ion Ratio Lower Upper
152 100
150 141.9 122.5 183.7
115 81.0 57.4 86.2



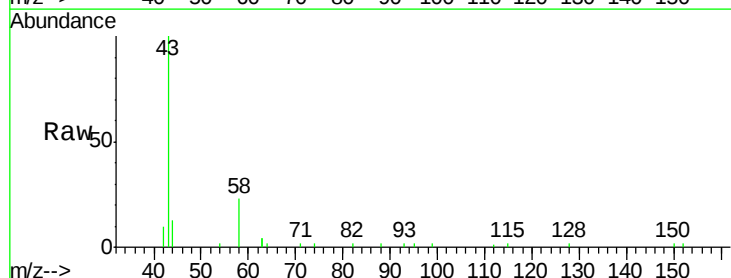
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



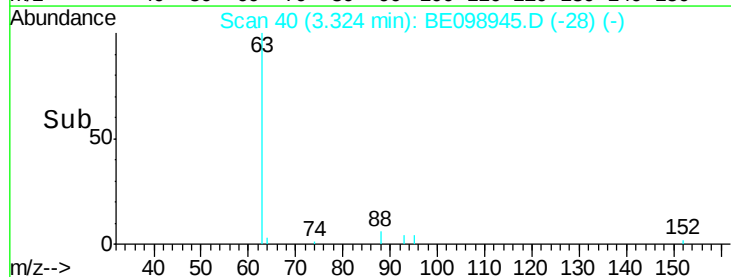
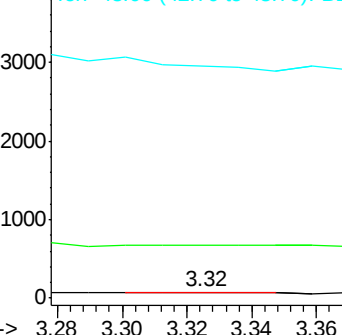
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 40
Delta R.T. 0.04 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

Tgt Ion: 88 Resp: 13
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 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



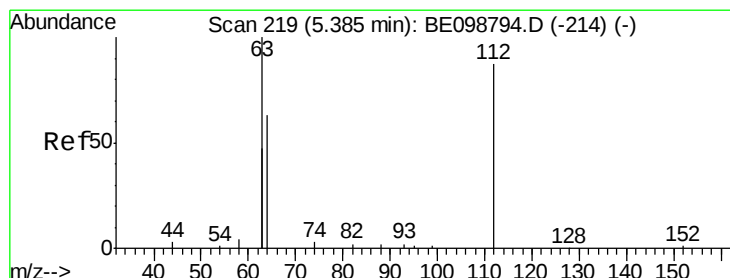
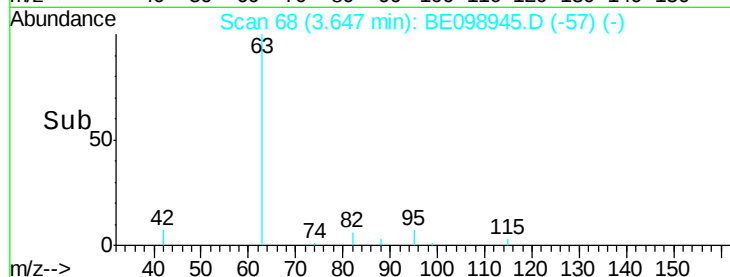
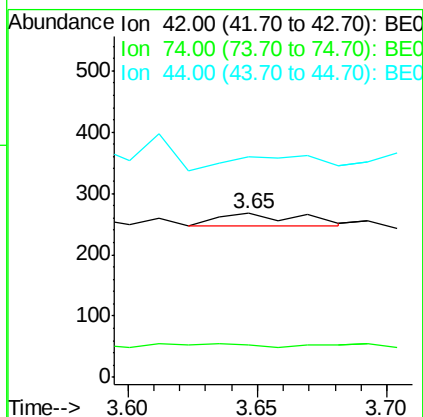
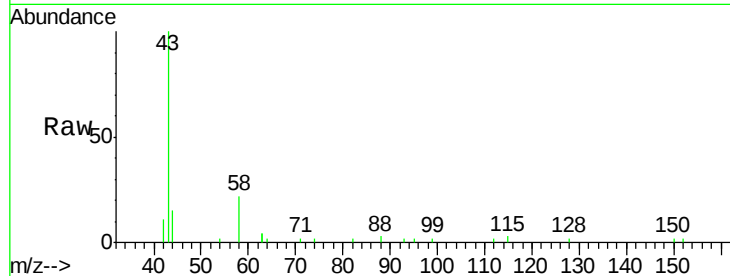


#3

n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

Instrument :
 BNA_E
 ClientSampled :
 SP4663

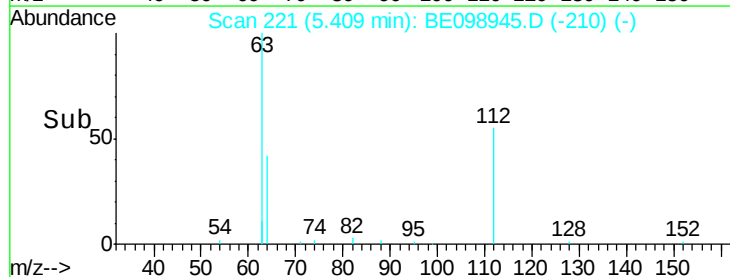
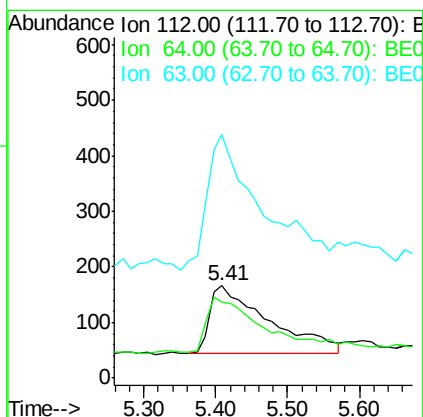
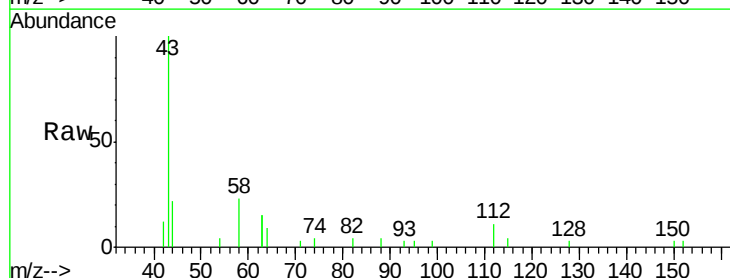
Tgt Ion: 42 Resp: 48
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

Tgt Ion: 112 Resp: 699
 Ion Ratio Lower Upper
 112 100
 64 81.7 57.9 86.9
 63 188.3 158.3 237.5





#5

Phenol-d6

Concen: 0.290 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

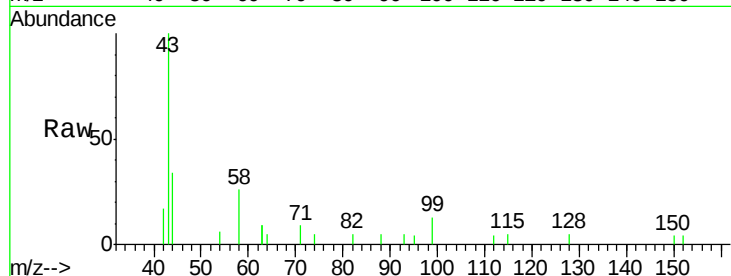
Tgt Ion: 99 Resp: 865

Ion Ratio Lower Upper

99 100

42 19.5 24.2 36.2#

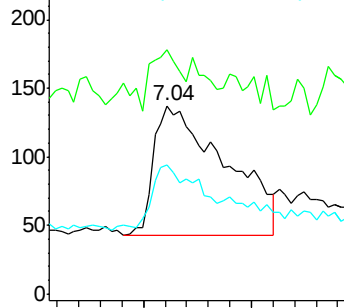
71 34.2 35.7 53.5#



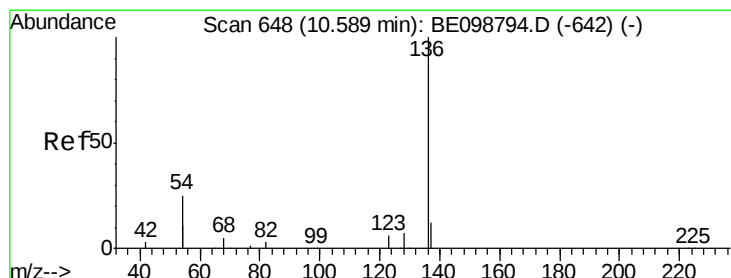
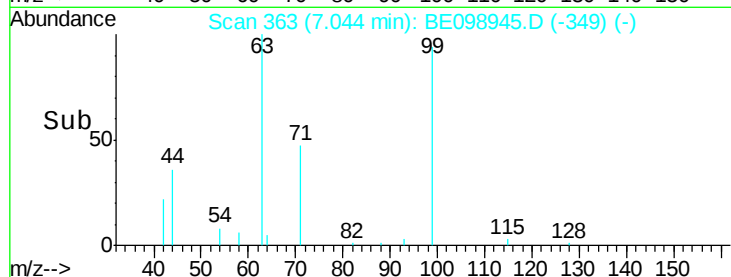
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Tgt Ion: 136 Resp: 2970

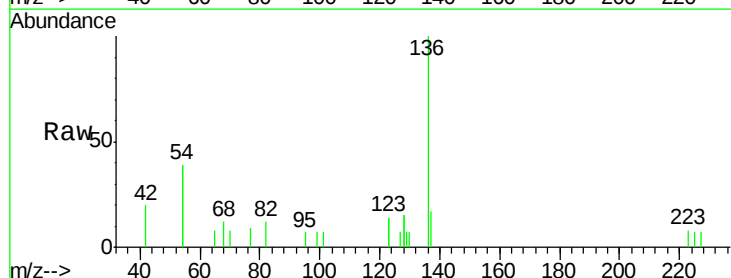
Ion Ratio Lower Upper

136 100

137 16.6 11.4 17.0

54 77.0 39.3 58.9#

68 12.4 6.7 10.1#

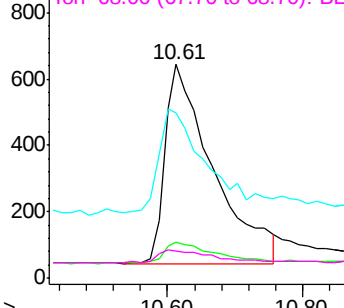


Abundance Ion 136.00 (135.70 to 136.70): E

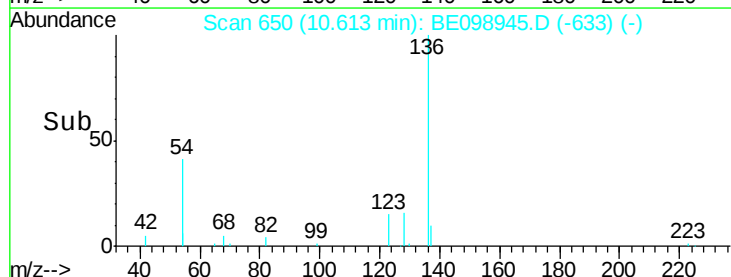
Ion 137.00 (136.70 to 137.70): E

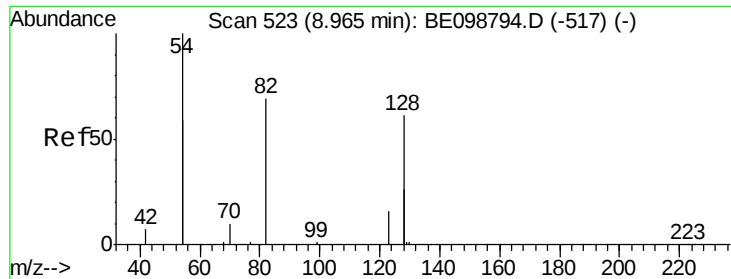
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.205 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.10 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

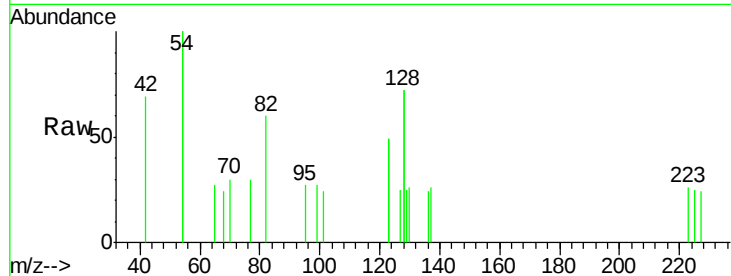
Tgt Ion: 82 Resp: 638

Ion Ratio Lower Upper

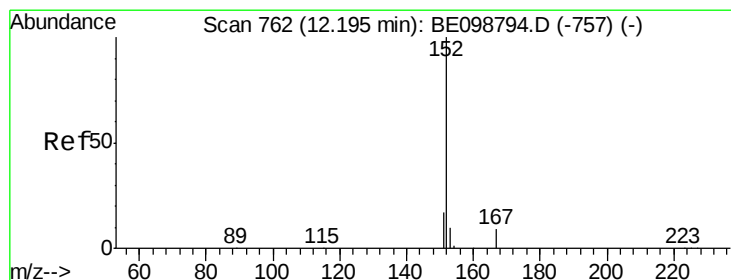
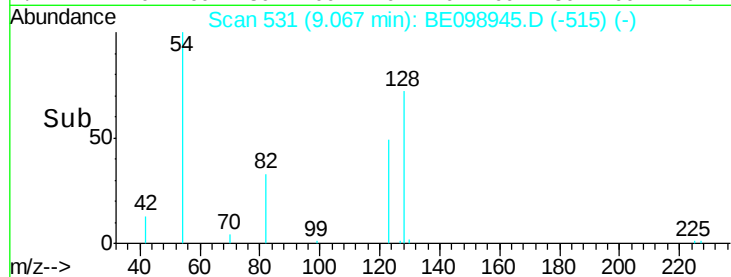
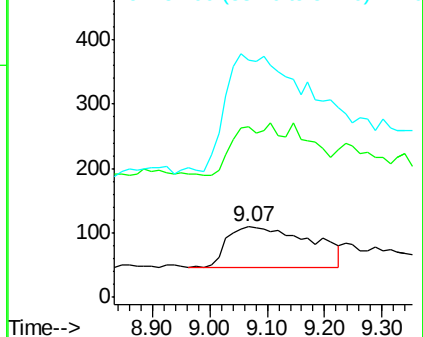
82 100

128 241.8 123.8 185.8#

54 334.5 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE098945.D

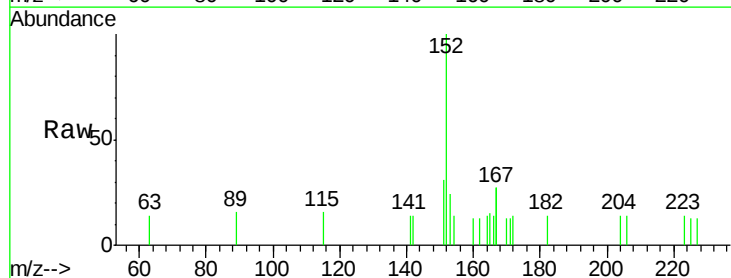
Acq: 14 Mar 2019 14:29

Tgt Ion: 152 Resp: 1711

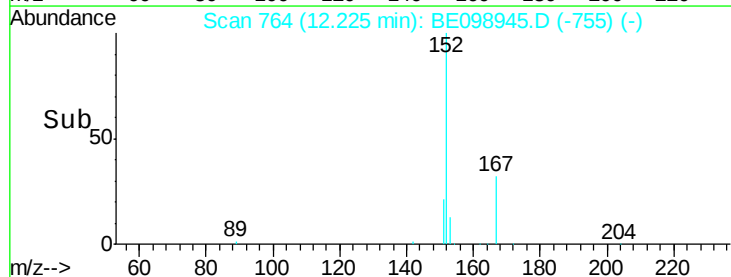
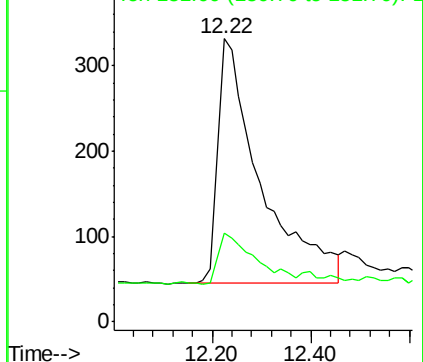
Ion Ratio Lower Upper

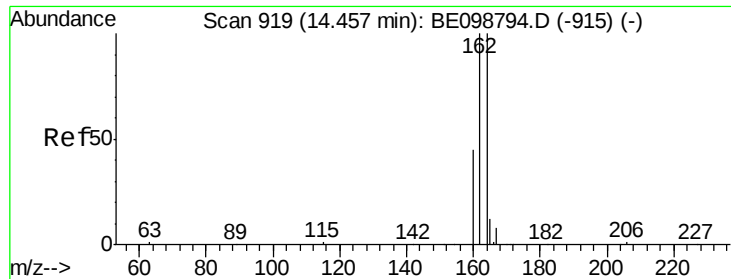
152 100

151 18.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

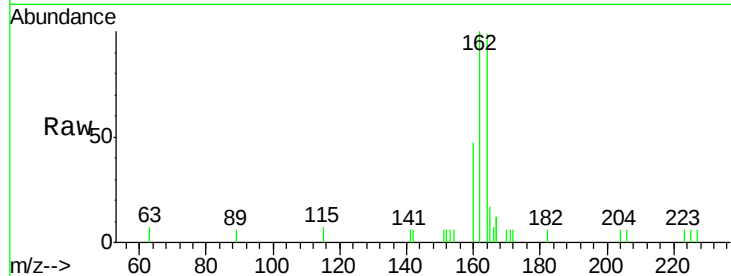




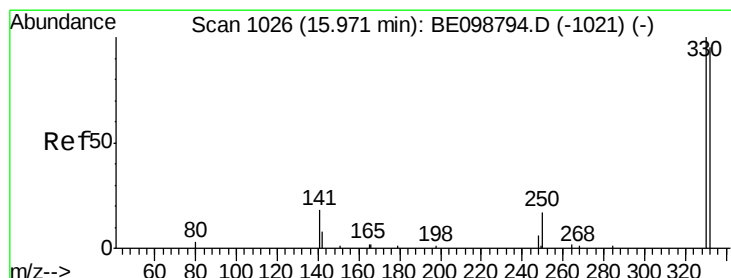
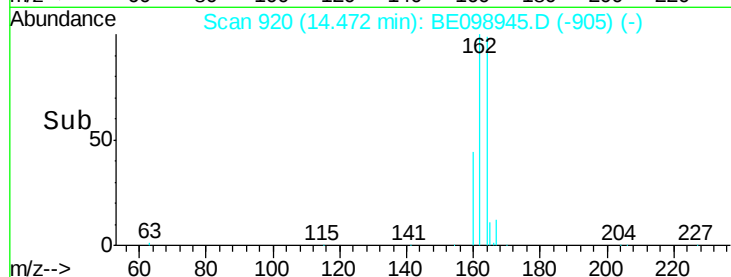
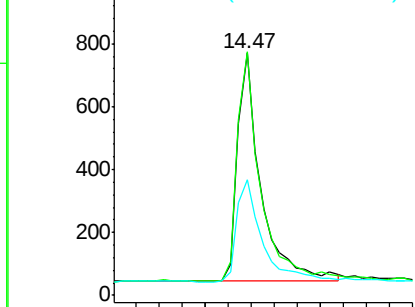
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

Instrument :
BNA_E
ClientSampleId :
SP4663

Tgt Ion:164 Resp: 2069
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 47.7 37.8 56.8

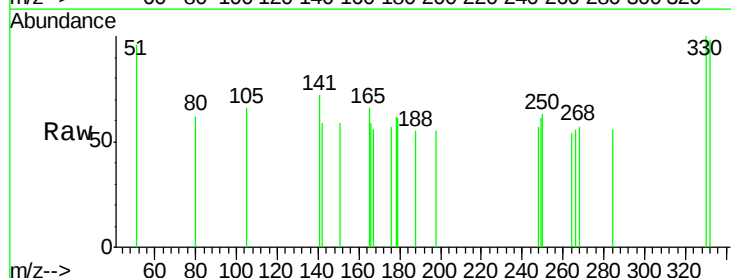


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

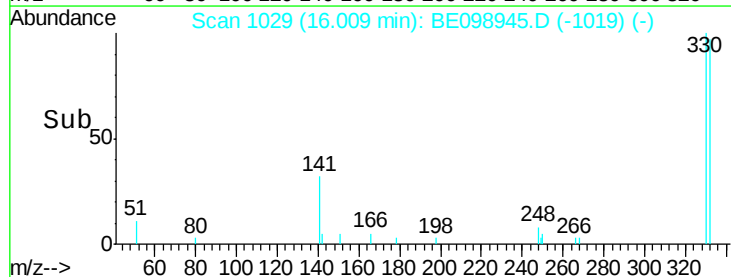
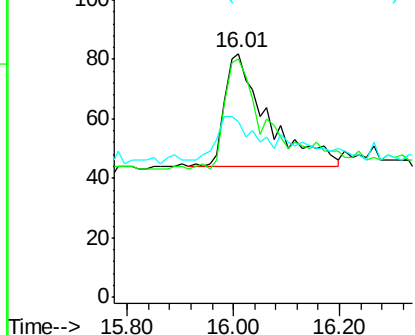


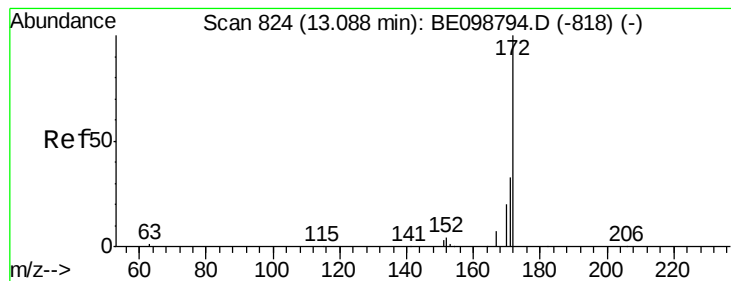
#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.04 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

Tgt Ion:330 Resp: 212
Ion Ratio Lower Upper
330 100
332 105.2 77.6 116.4
141 0.0 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: 0.310 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.03 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

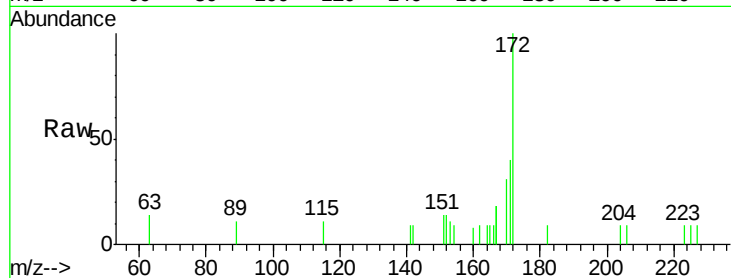
Tgt Ion:172 Resp: 2655

Ion Ratio Lower Upper

172 100

171 40.0 28.0 42.0

170 30.6 17.7 26.5#

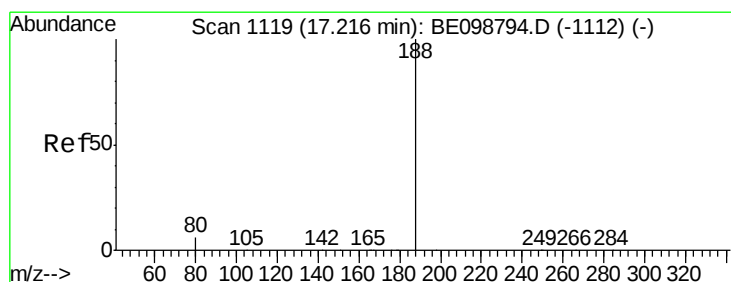
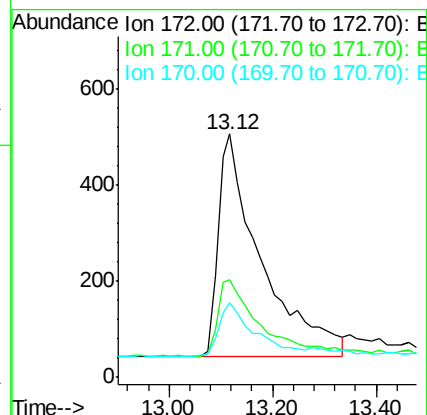
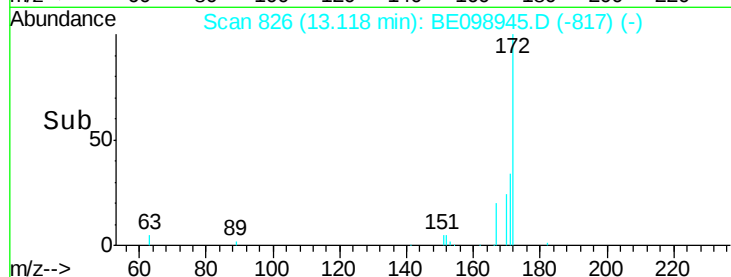


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

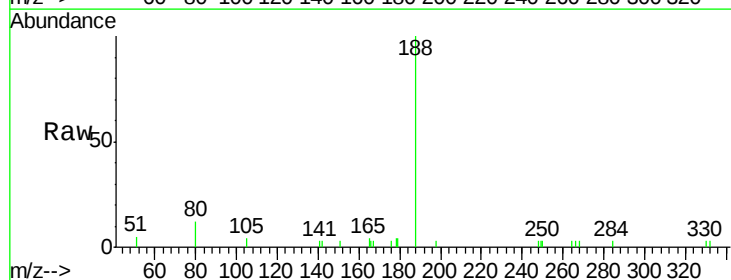
Tgt Ion:188 Resp: 5451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 6.3 9.5#

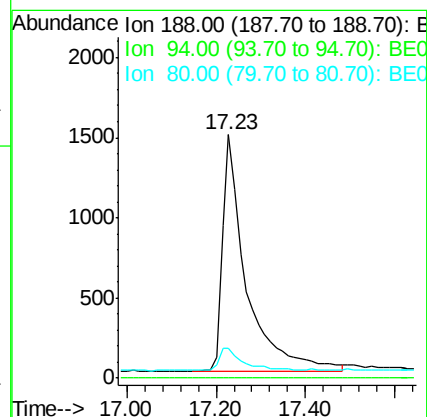
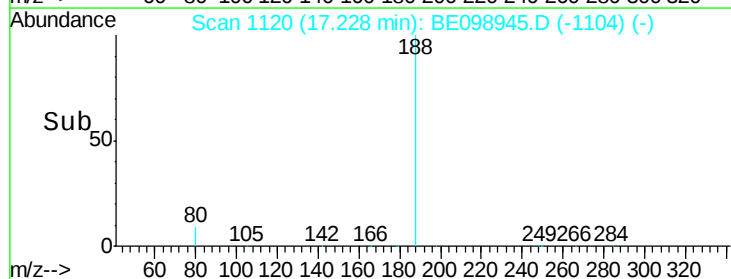


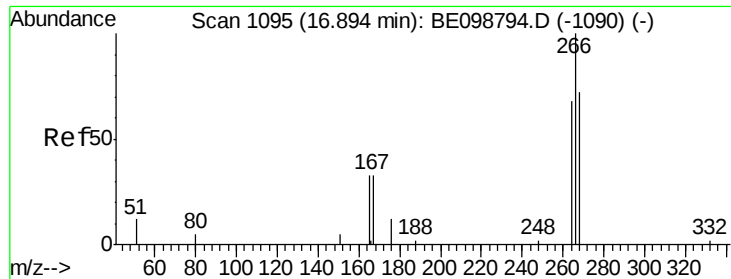
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->





#22

Pentachlorophenol

Concen: 0.268 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

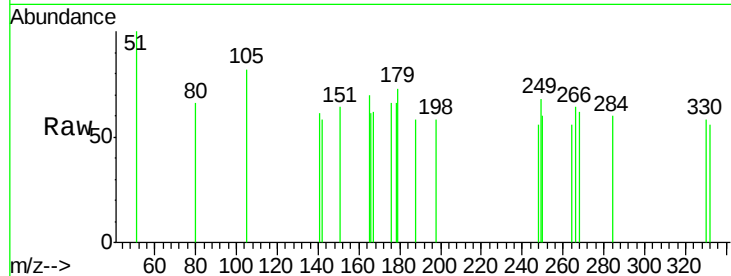
Instrument :

BNA_E

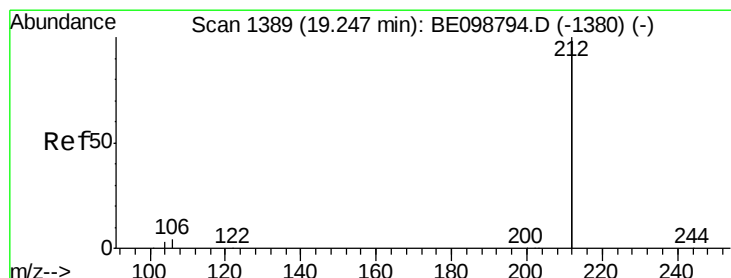
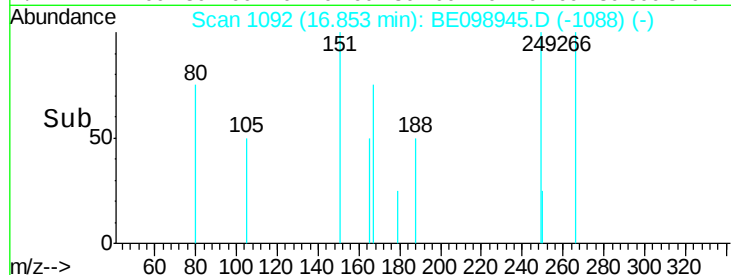
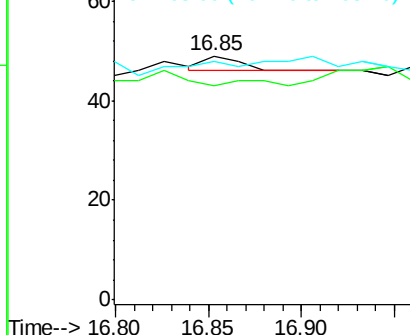
ClientSampleId :

SP4663

Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	87.8	66.6	100.0
268	98.0	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: 0.302 ng

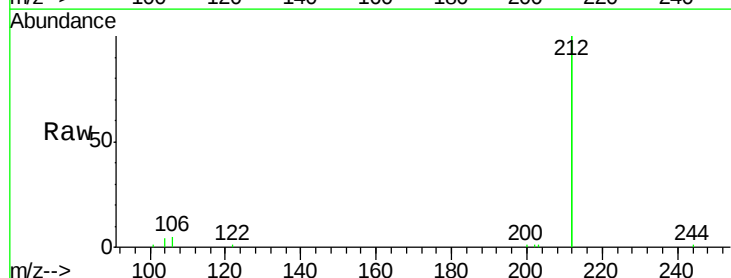
RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

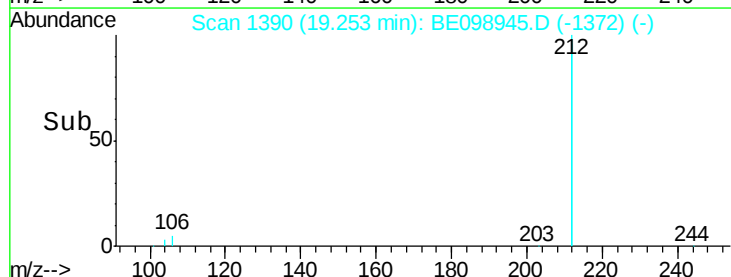
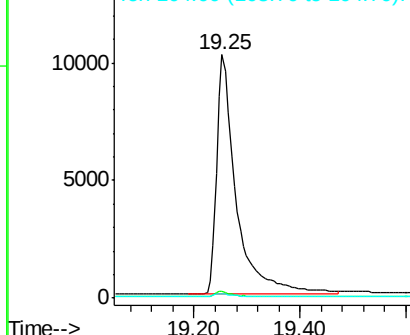
Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Tgt Ion:	212	Resp:	26239
Ion	Ratio	Lower	Upper
212	100		
106	2.2	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

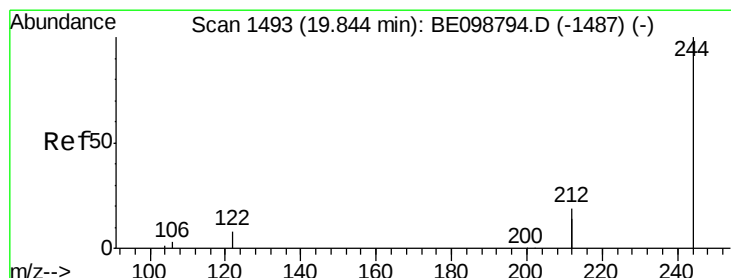
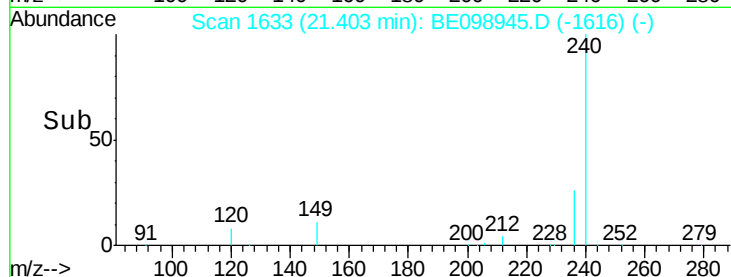
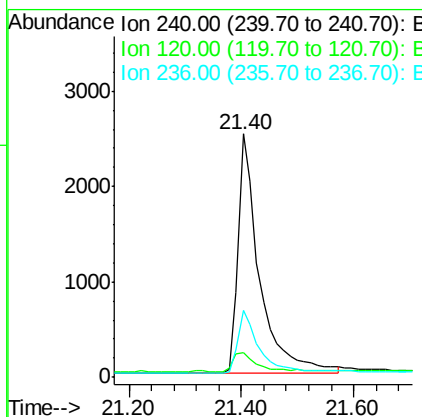
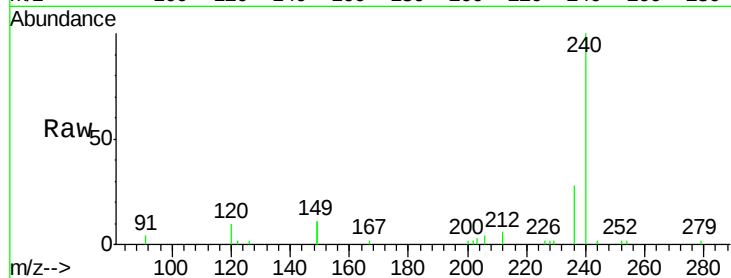




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

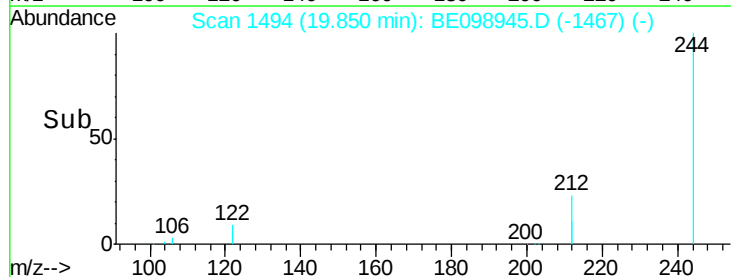
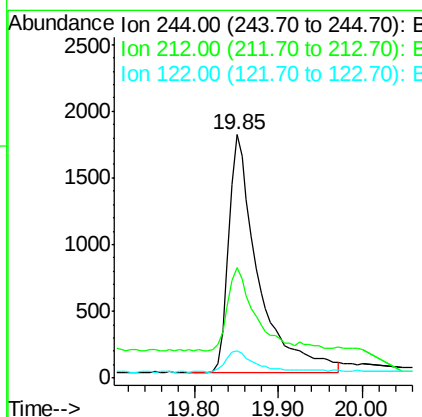
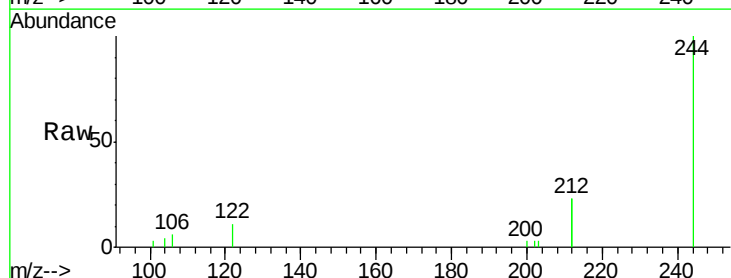
Instrument :
 BNA_E
 ClientSampleId :
 SP4663

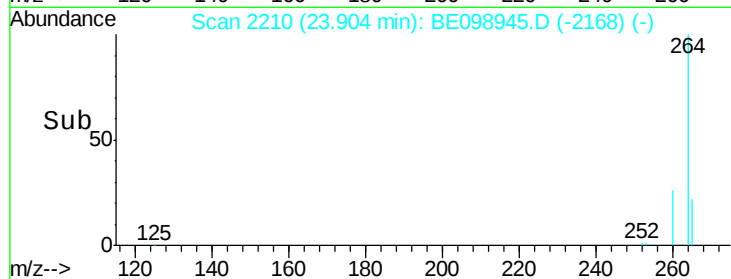
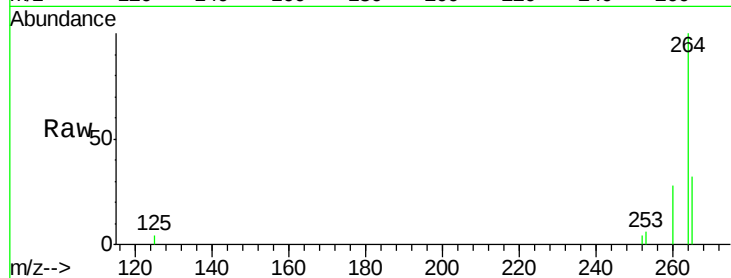
Tgt Ion:240 Resp: 6598
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.0 7.4#
 236 27.5 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.271 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

Tgt Ion:244 Resp: 4351
 Ion Ratio Lower Upper
 244 100
 212 45.4 29.4 44.2#
 122 11.4 7.1 10.7#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

Tgt Ion:264 Resp: 6098

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 31.6 24.6 36.8

