

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100097.D
 Acq On : 20 Jun 2019 00:04
 Operator : JU/SJ
 Sample : K3309-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-190610

Manual Integrations
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mohammad
 6/21/2019 8:20:41 AM

Quant Time: Jun 20 14:57:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	951	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2995	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	3040	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	7556	0.40	ng	0.00
27) Chrysene-d12	21.34	240	10757m	0.40	ng	0.00
34) Perylene-d12	23.84	264	12032	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	718	0.36	ng	-0.03
5) Phenol-d6	6.93	99	344	0.13	ng	0.00
8) Nitrobenzene-d5	8.89	82	879	0.30	ng	-0.03
11) 2-Methylnaphthalene-d10	12.14	152	1615	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	700	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3618	0.30	ng	-0.01
25) Fluoranthene-d10	19.20	212	32518	0.30	ng	0.00
29) Terphenyl-d14	19.79	244	9868	0.46	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.19	88	1314	0.861	ng	# 75
9) Naphthalene	10.58	128	46715	1.435	ng	# 96
18) Fluorene	15.45	166	1642	0.137	ng	# 96
23) Phenanthrene	17.20	178	1188	0.066	ng	# 48

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

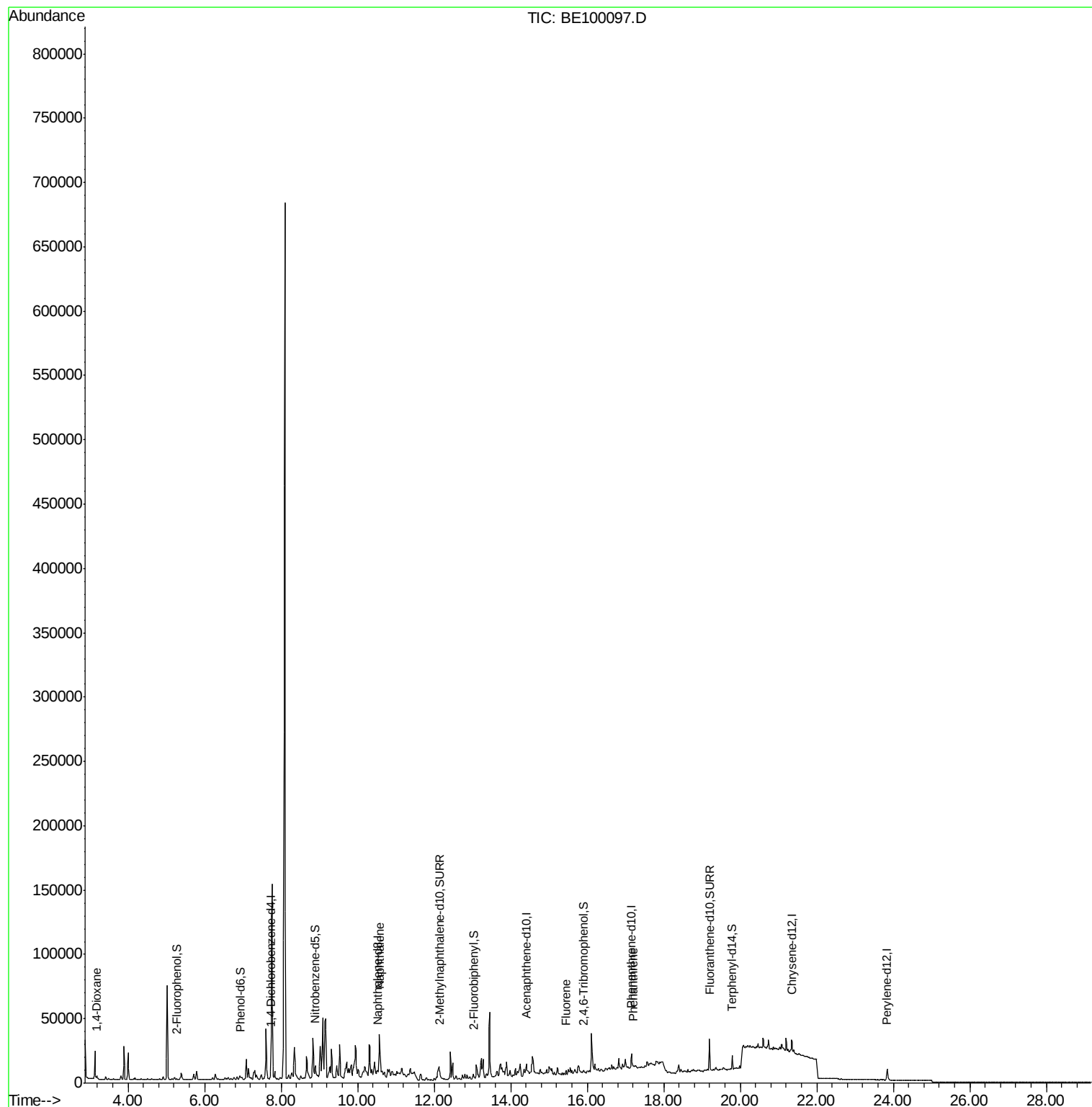
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100097.D
Acq On : 20 Jun 2019 00:04
Operator : JU/SJ
Sample : K3309-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

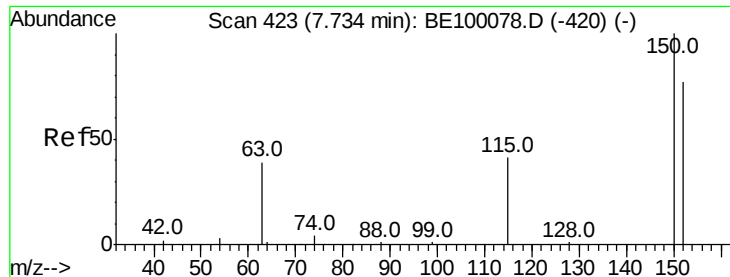
Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

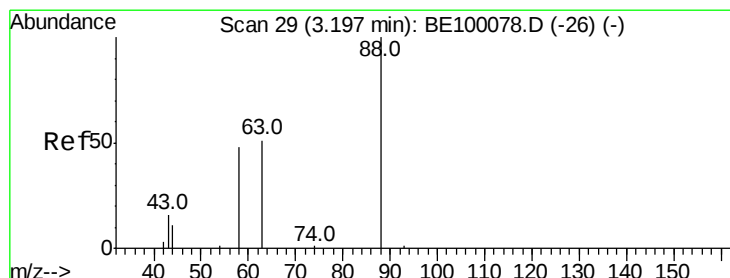
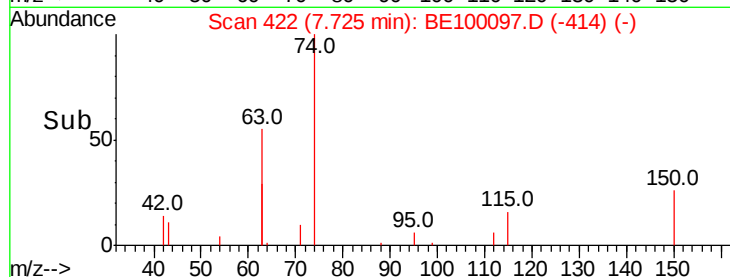
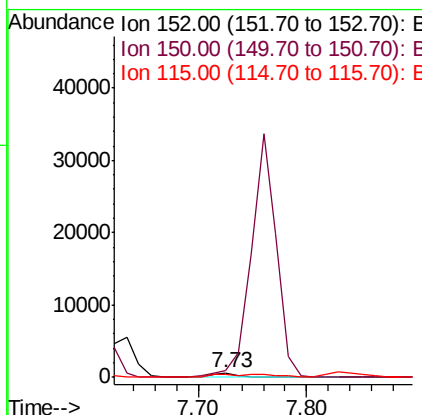
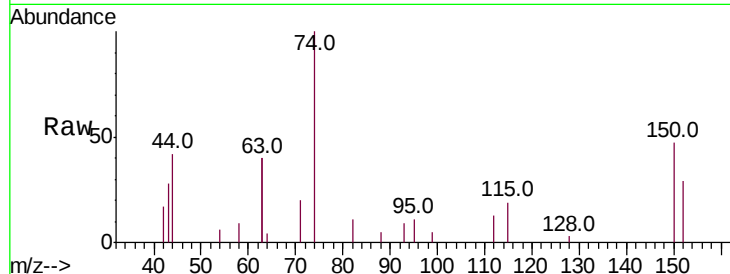
ClientSampleId :

SS043MW009-190610

Tot Ion:	152	Resp:	951
Ion	Ratio	Lower	Upper
152	100		
150	161.3	99.8	149.8#
115	64.9	51.3	76.9

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#2

1,4-Dioxane

Concen: 0.861 ng

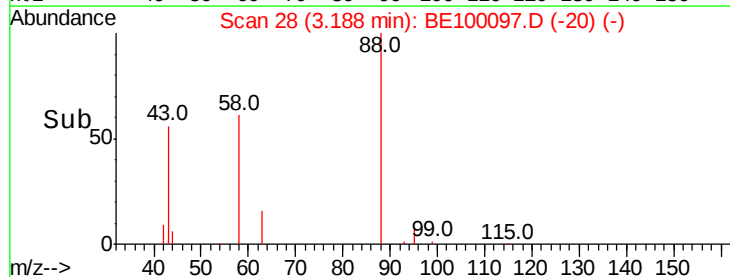
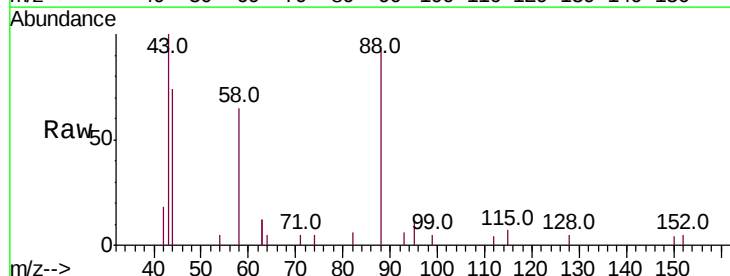
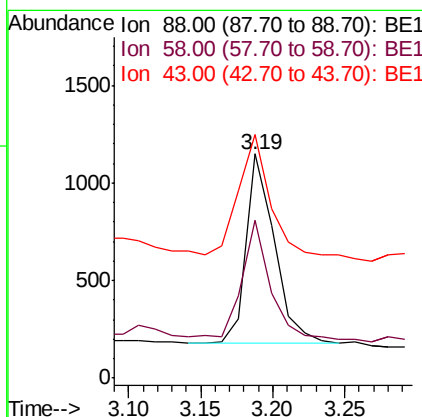
RT: 3.19 min Scan# 28

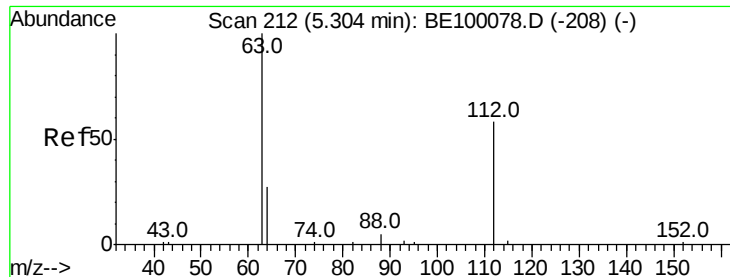
Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Tgt Ion:	88	Resp:	1314
Ion	Ratio	Lower	Upper
88	100		
58	62.9	51.1	76.7
43	69.6	21.7	32.5#





#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.27 min Scan# 209

Delta R.T. -0.03 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

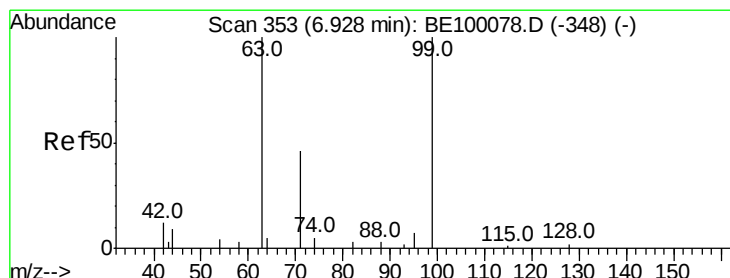
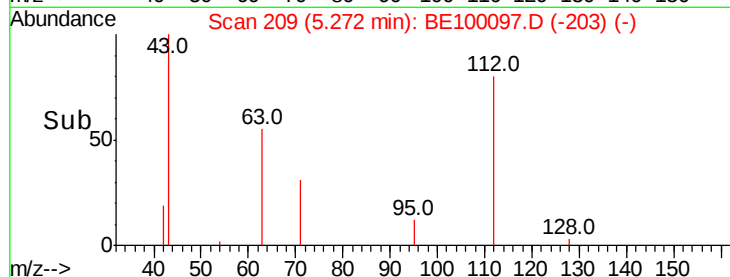
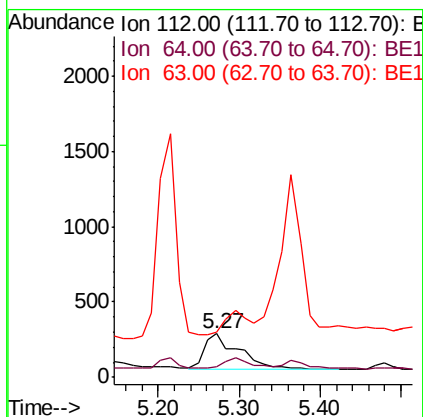
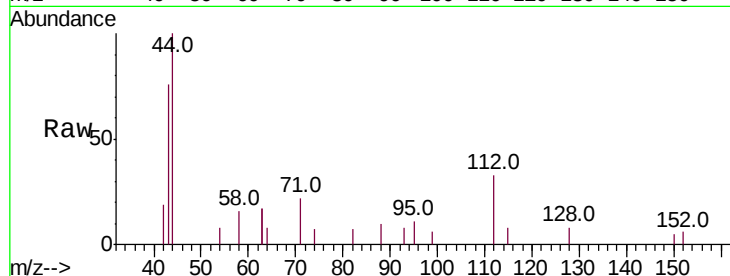
ClientSampleId :

SS043MW009-190610

Tot Ion:	112	Resp:	718
Ion Ratio	Lower	Upper	
112	100		
64	0.0	22.0	33.0#
63	0.0	121.8	182.6#

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#5

Phenol-d6

Concen: 0.127 ng

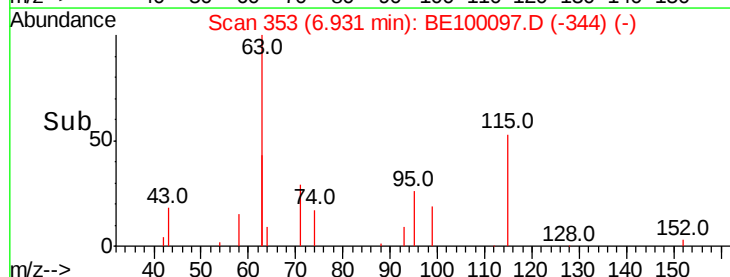
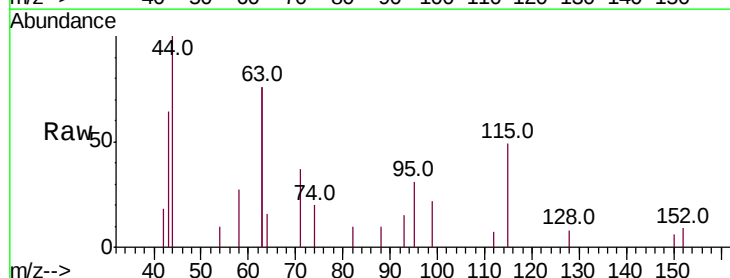
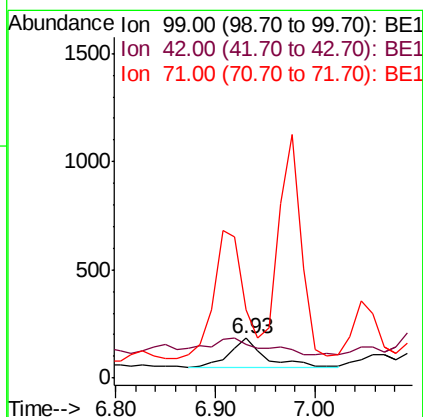
RT: 6.93 min Scan# 353

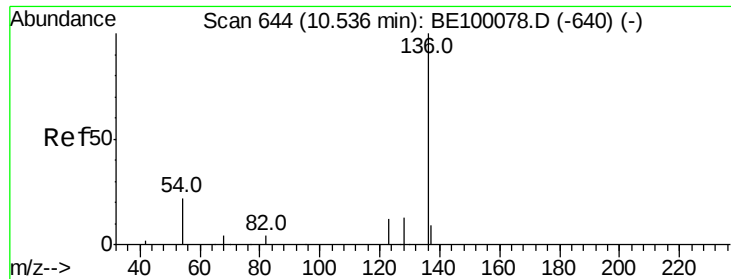
Delta R.T. 0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Tgt Ion:	99	Resp:	344
Ion Ratio	Lower	Upper	
99	100		
42	72.1	0.0	0.0#
71	0.0	37.6	56.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

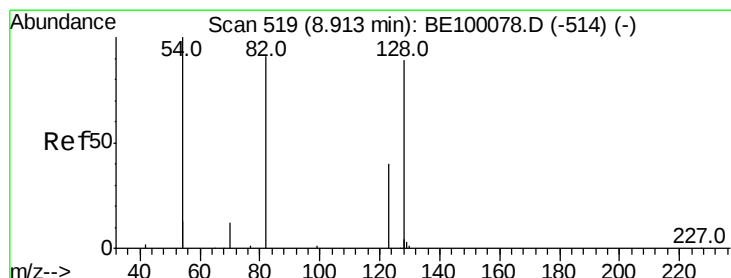
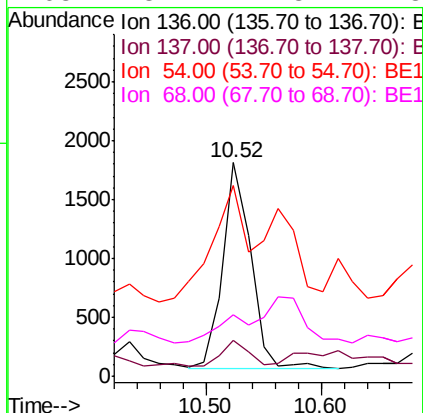
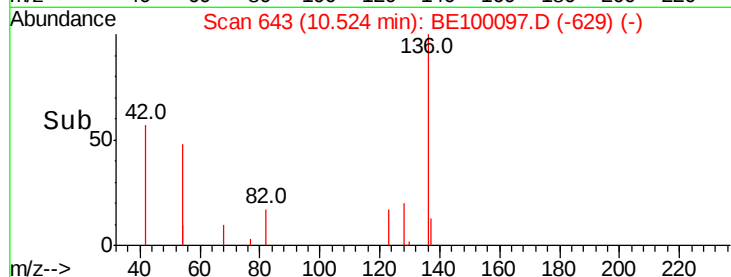
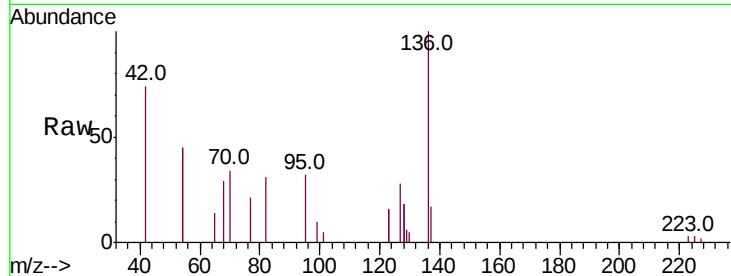
ClientSampleId :

SS043MW009-190610

Tot Ion	136	Resp	2995
Ion	Ratio	Lower	Upper
136	100		
137	17.0	11.6	17.4
54	89.1	33.9	50.9#
68	28.7	7.8	11.8#

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#8

Nitrobenzene-d5

Concen: 0.303 ng

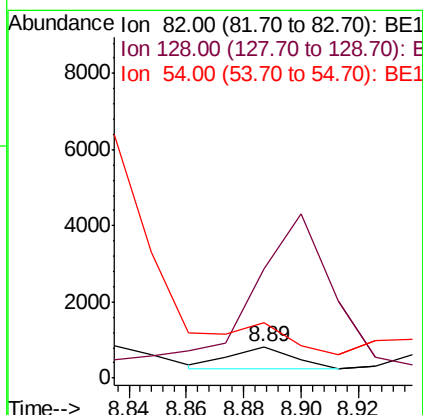
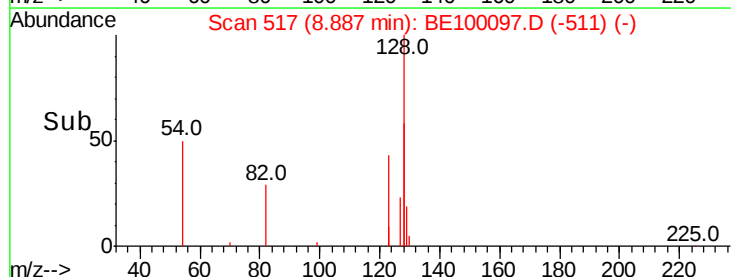
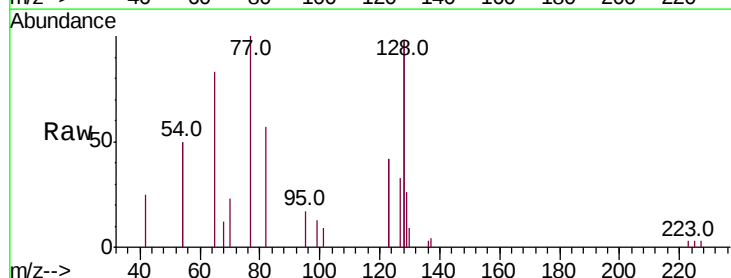
RT: 8.89 min Scan# 517

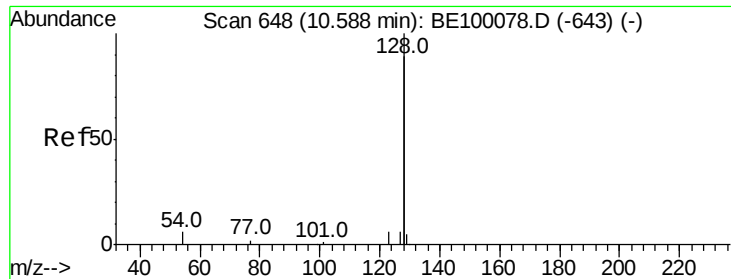
Delta R.T. -0.03 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Tgt Ion	82	Resp	879
Ion	Ratio	Lower	Upper
82	100		
128	345.3	128.0	192.0#
54	174.3	143.4	215.0





#9

Naphthalene

Concen: 1.435 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

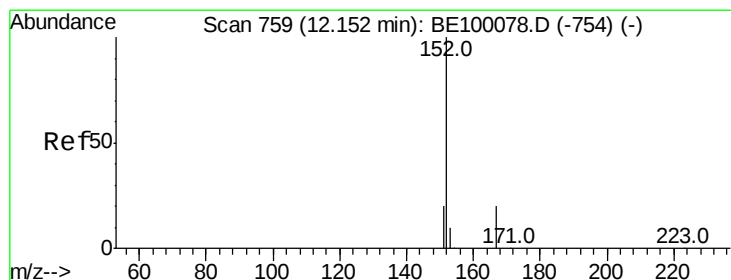
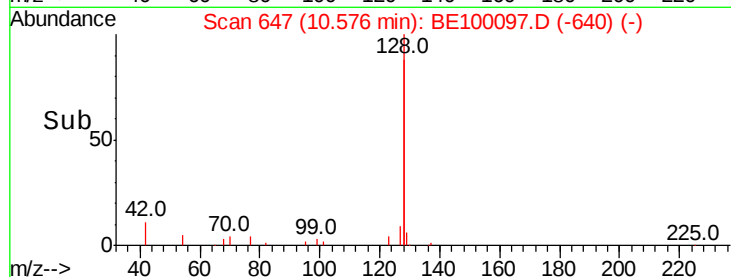
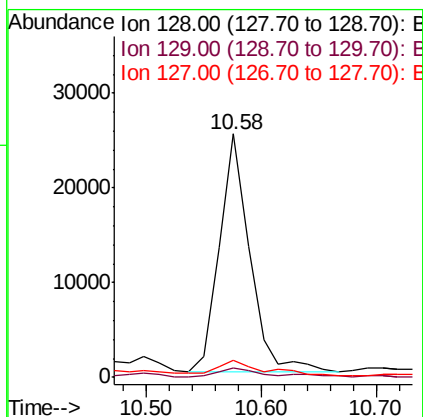
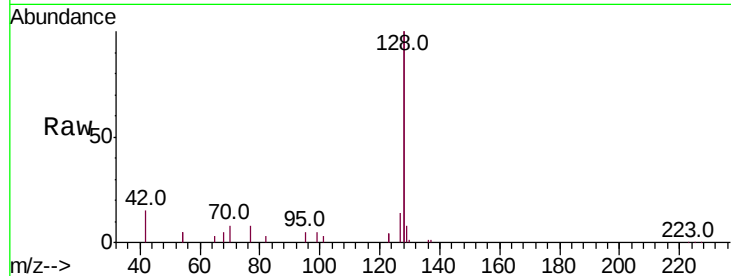
ClientSampleId :

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Tot Ion:	128	Resp:	46715
Ion Ratio	Lower	Upper	
128	100		
129	3.9	3.1	4.7
127	6.8	3.4	5.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

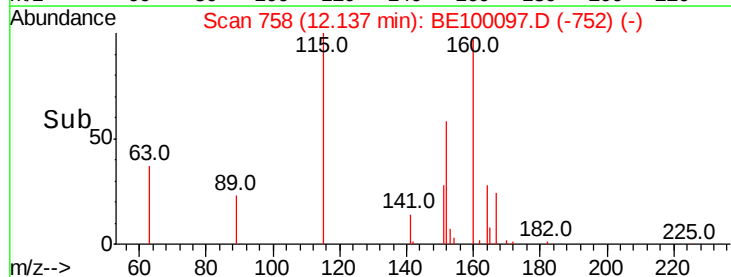
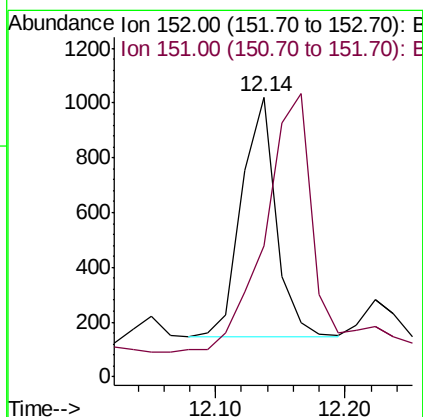
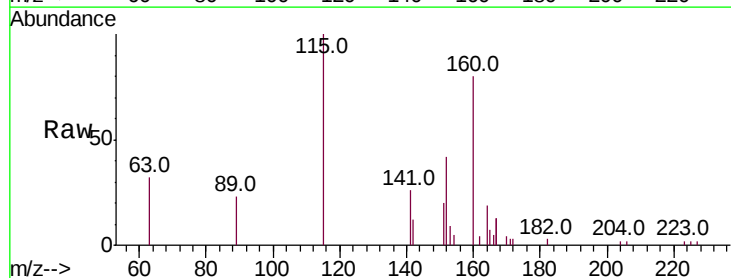
RT: 12.14 min Scan# 758

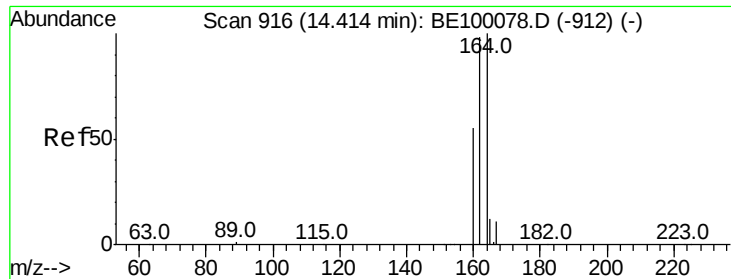
Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Tgt Ion:	152	Resp:	1615
Ion Ratio	Lower	Upper	
152	100		
151	0.0	16.3	24.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

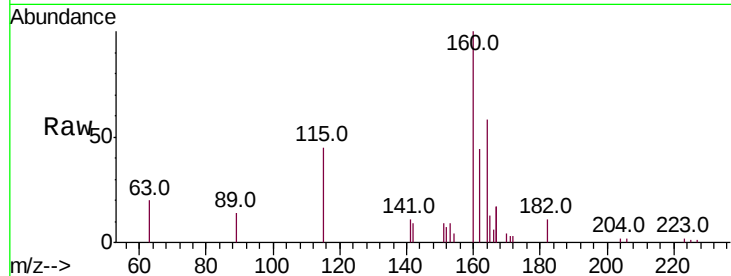
ClientSampleId :

SS043MW009-190610

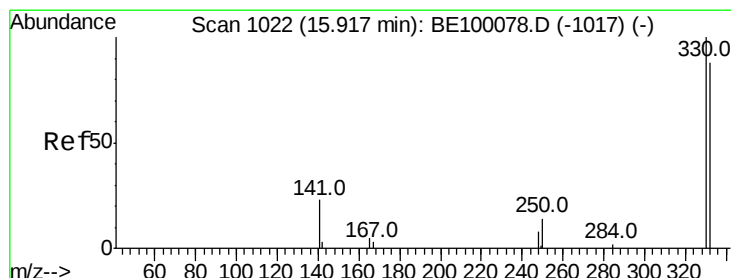
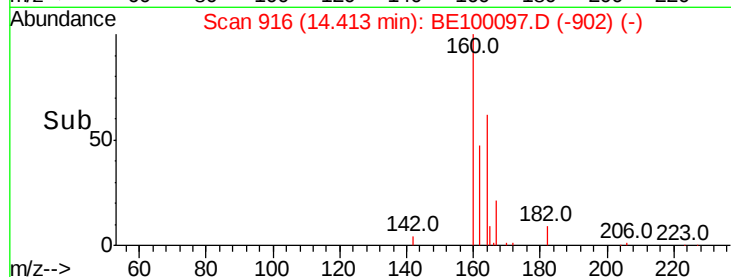
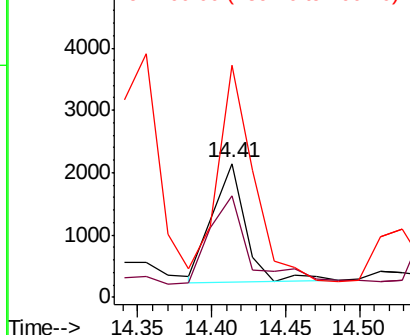
Tot Ion:	164	Resp:	3040
Ion	Ratio	Lower	Upper
164	100		
162	76.1	78.2	117.2#
160	173.9	45.6	68.4#

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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: 0.417 ng

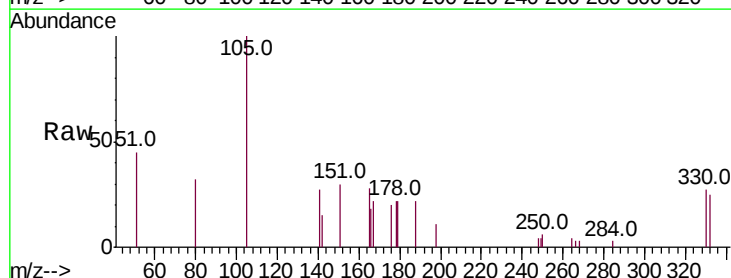
RT: 15.90 min Scan# 1021

Delta R.T. -0.01 min

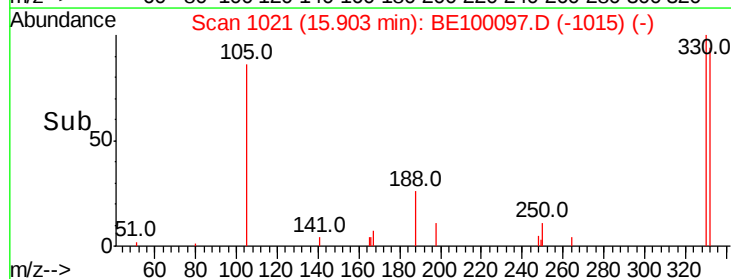
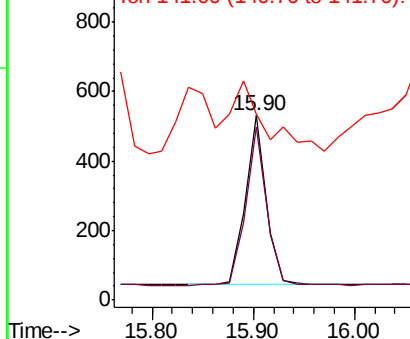
Lab File: BE100097.D

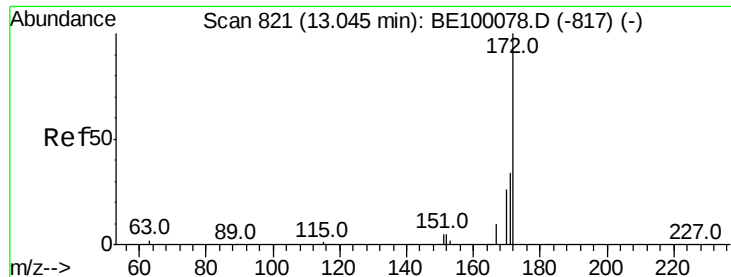
Acq: 20 Jun 2019 00:04

Tgt Ion:	330	Resp:	700
Ion	Ratio	Lower	Upper
330	100		
332	94.0	73.3	109.9
141	65.9	22.2	33.2#



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





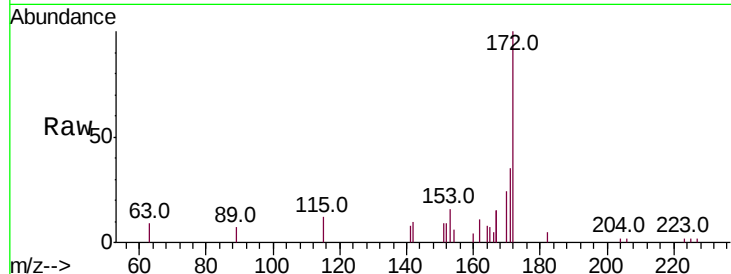
#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

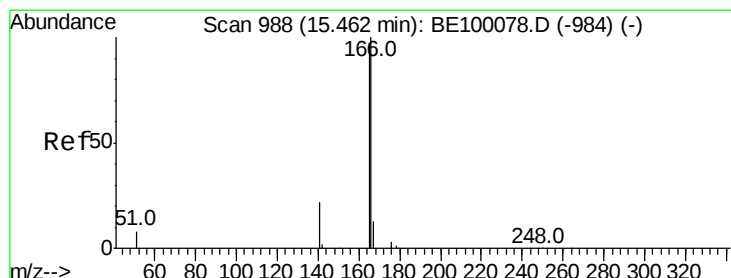
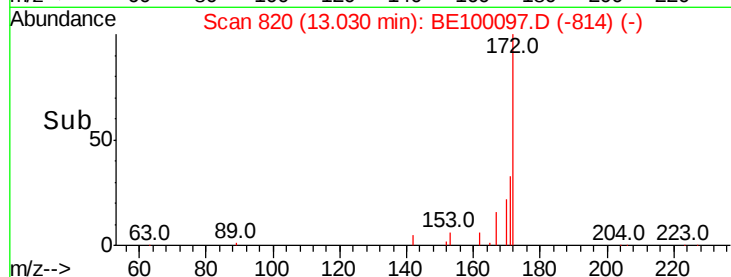
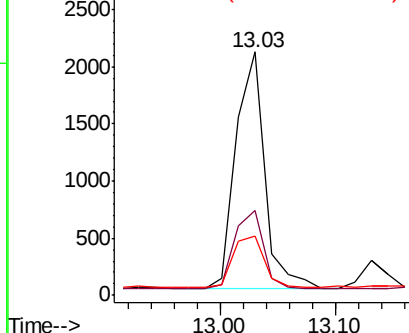
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.8	44.8
170	24.3	23.2	34.8

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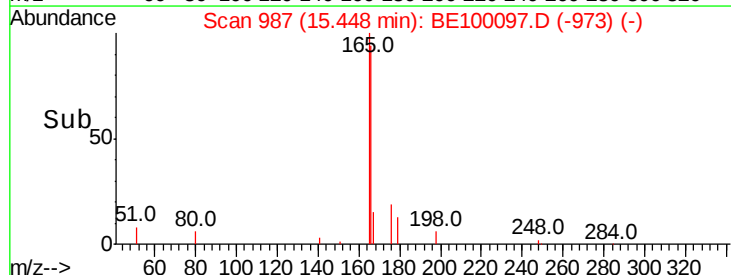
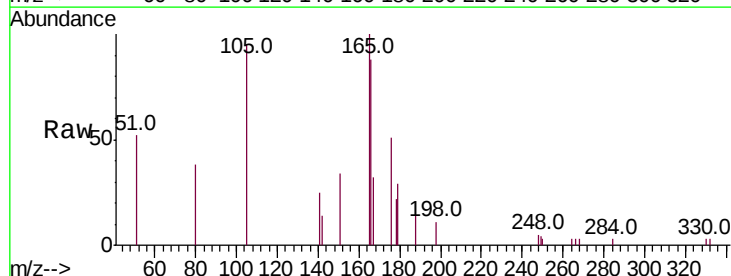
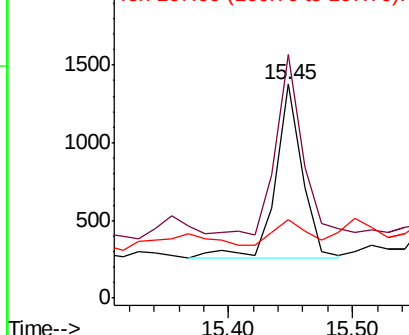
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

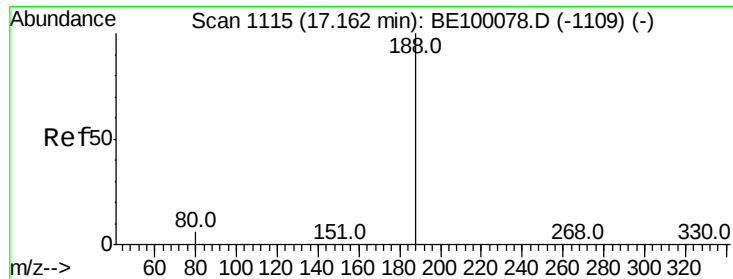


#18
Fluorene
Concen: 0.137 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.8	119.8
167	18.3	10.2	15.4#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





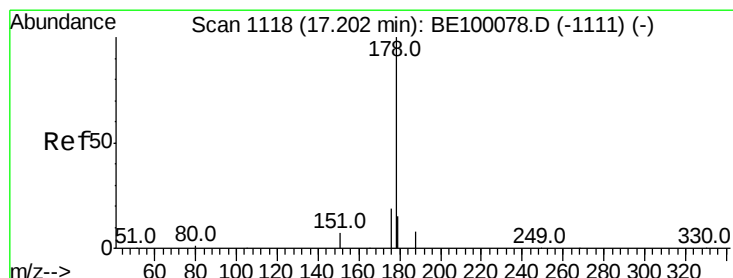
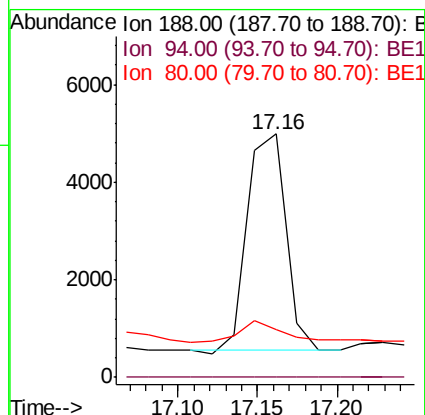
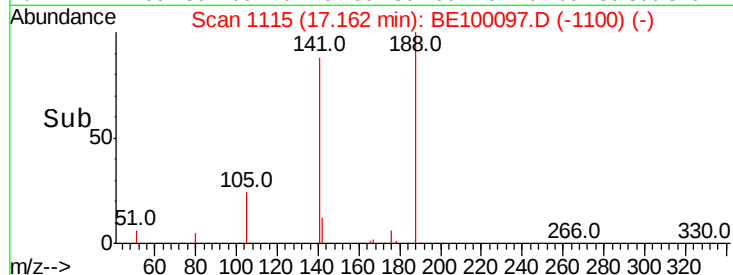
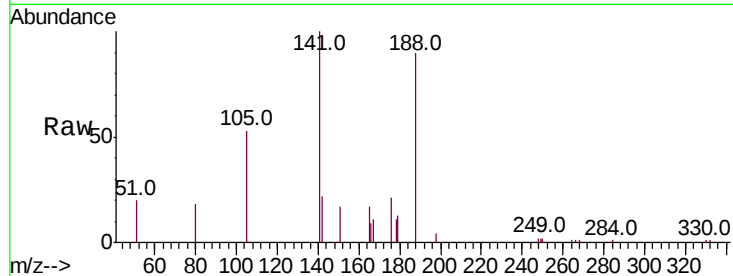
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	19.8	6.3	9.5#

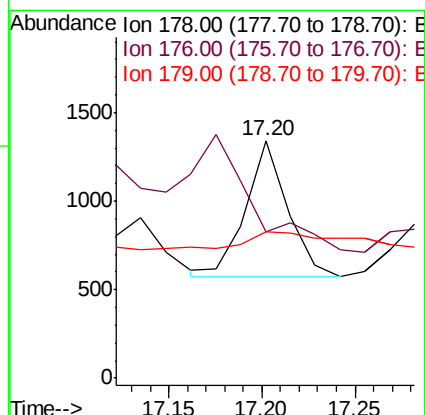
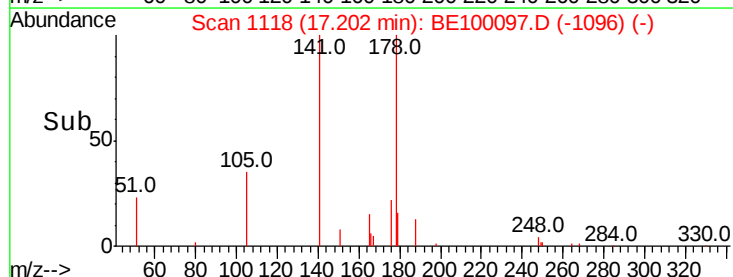
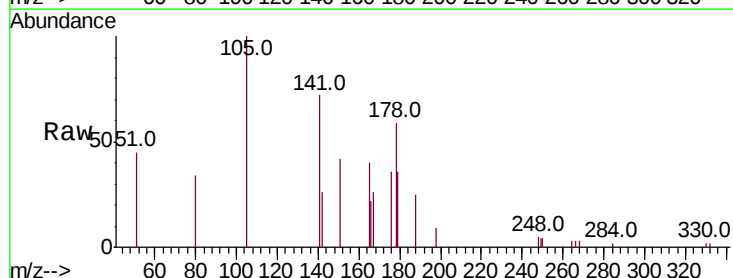
Manual Integrations
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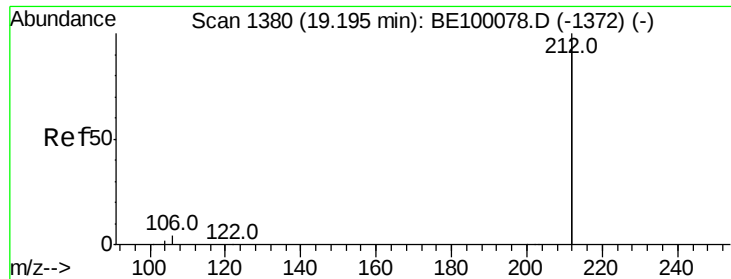
mohammad
6/21/2019 8:20:41 AM



#23
Phenanthrene
Concen: 0.066 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	0.0	15.9	23.9#
179	43.0	13.1	19.7#





#25

Fluoranthene-d10

Concen: 0.301 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

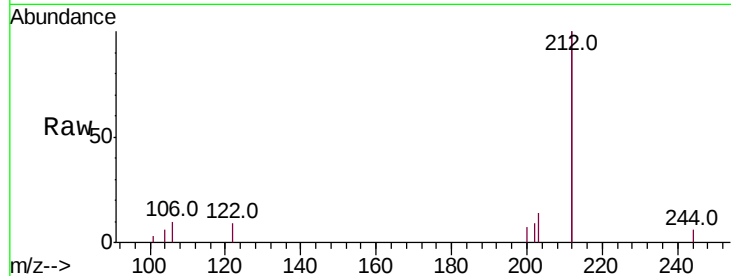
ClientSampleId :

SS043MW009-190610

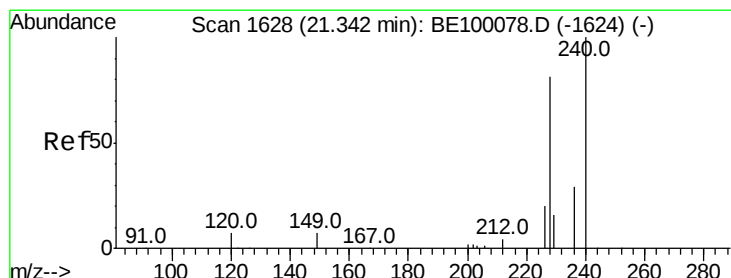
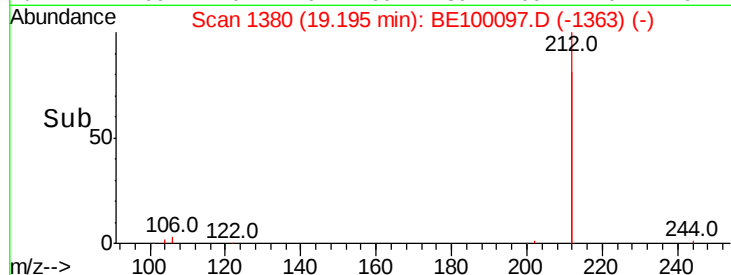
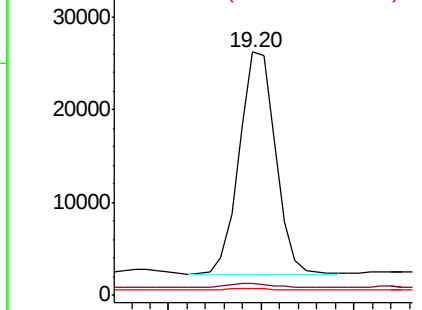
Tot Ion:	212	Resp:	32518
Ion Ratio	Lower	Upper	
212	100		
106	2.0	1.4	2.0
104	1.1	0.8	1.2

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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 m

RT: 21.34 min Scan# 1628

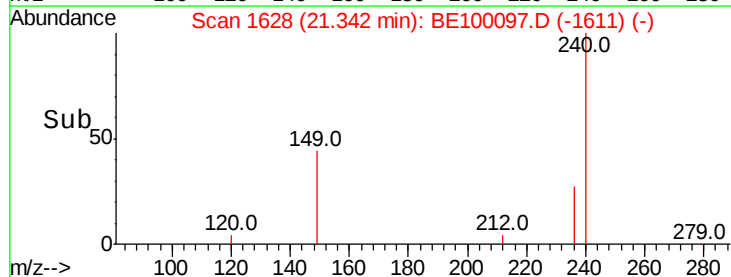
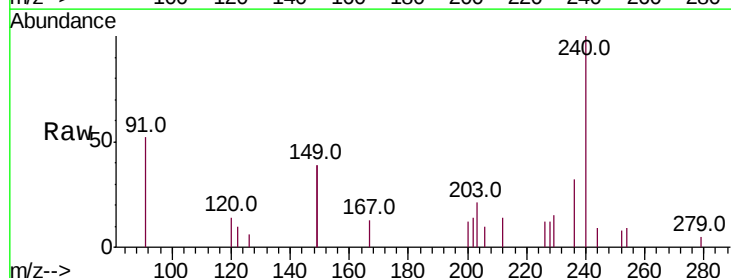
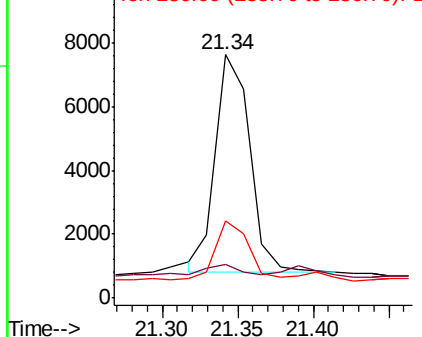
Delta R.T. -0.00 min

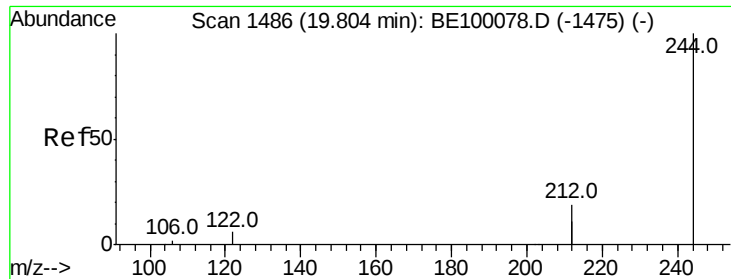
Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Tgt Ion:	240	Resp:	10757
Ion Ratio	Lower	Upper	
240	100		
120	13.8	6.6	10.0#
236	31.7	23.8	35.6

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





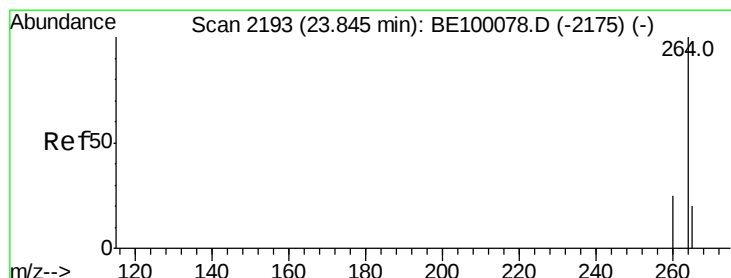
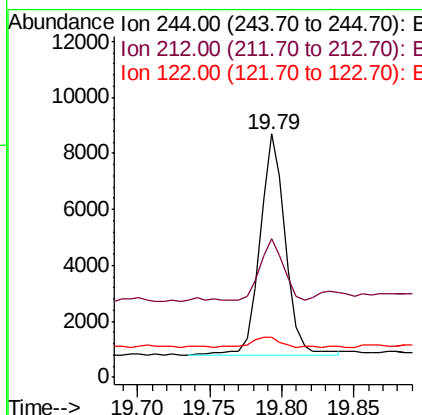
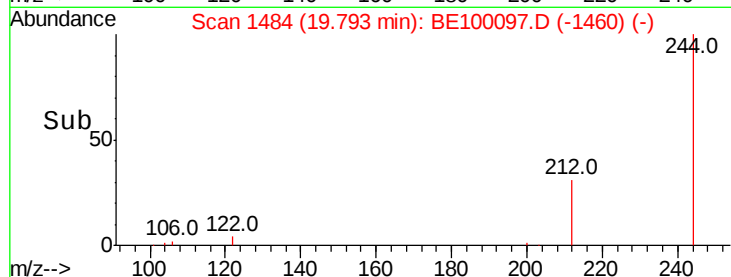
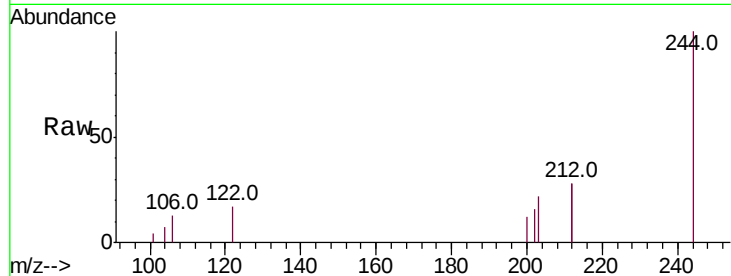
#29
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-190610

Tot Ion	Ratio	Lower	Upper
244	100		
212	56.8	29.8	44.8#
122	16.5	6.1	9.1#

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.8	31.2
265	34.5	23.2	34.8

