

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094652.D
 Acq On : 30 Oct 2017 20:41
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:37:57 PM

Quant Time: Oct 31 12:09:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1207	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8049	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	7868	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10307	0.40	ng	0.00
27) Chrysene-d12	21.43	240	8782	0.40	ng	0.00
34) Perylene-d12	23.96	264	8330	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	928	0.22	ng	0.01
5) Phenol-d6	7.12	99	1091	0.17	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2222	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4613	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	522m	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	6331	0.23	ng	-0.01
25) Fluoranthene-d10	19.28	212	43456	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	7460	0.45	ng	0.00
Target Compounds						
9) Naphthalene	10.72	128	31378	0.344	ng	# 69
17) Acenaphthene	14.57	154	14448	0.542	ng	# 80
18) Fluorene	15.56	166	31258	0.914	ng	# 74
23) Phenanthrene	17.27	178	15197	0.580	ng	# 80
28) Pyrene	19.67	202	4424	0.144	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.28	149	7073	0.101	ng	98

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

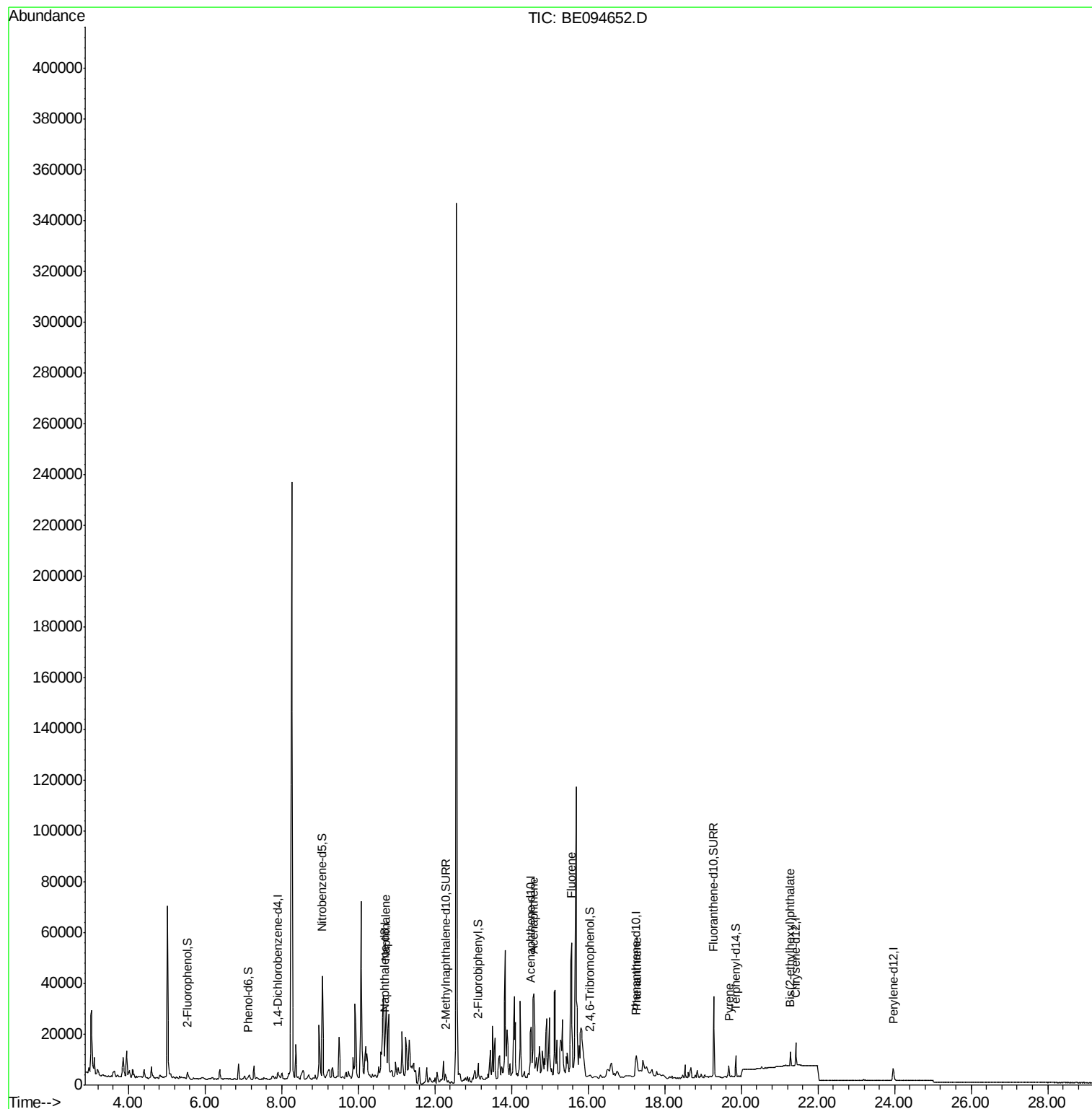
Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094652.D
Acq On : 30 Oct 2017 20:41
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

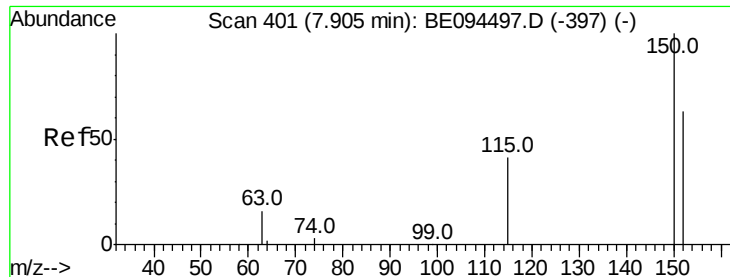
Instrument :
BNA_E
ClientSampleId :
MW-1

Manual Integrations
APPROVED

Sohil
10/31/2017 7:37:57 PM

Quant Time: Oct 31 12:09:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

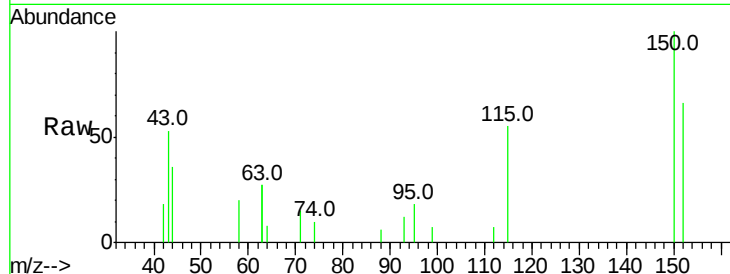
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampled :
MW-1

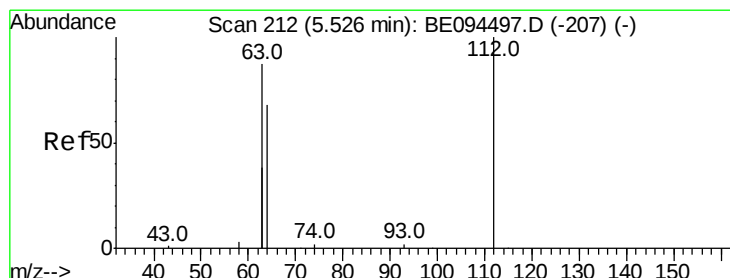
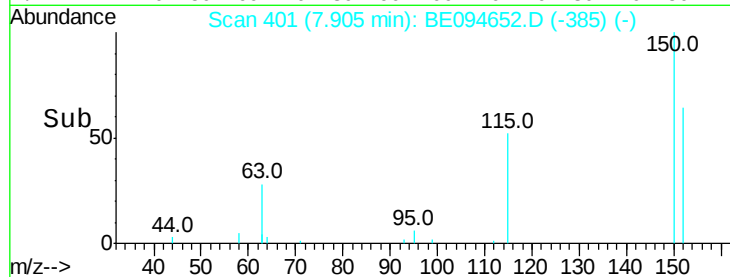
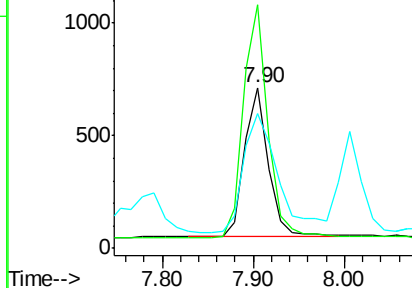
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	117.2	175.8
115	83.7	57.0	85.6

Manual Integrations
APPROVED

Sohil
10/31/2017 7:37:57 PM



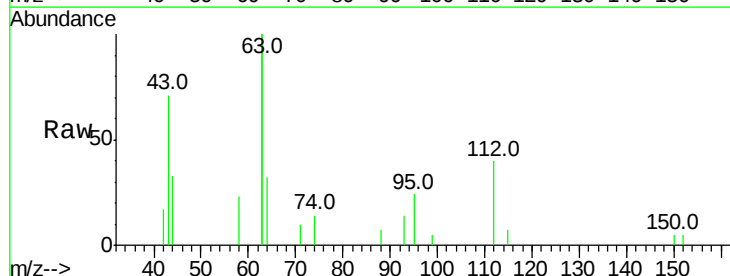
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



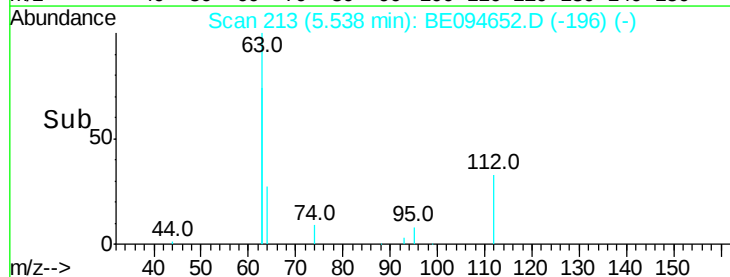
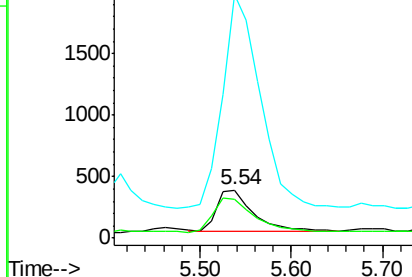
#4

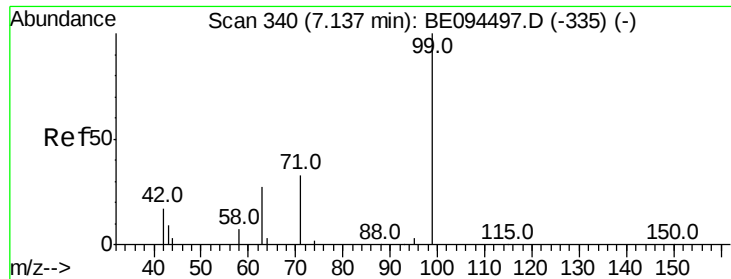
2-Fluorophenol
Concen: 0.224 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	94.7	60.1	90.1#
63	531.0	116.8	175.2#



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: 0.175 ng

RT: 7.12 min Scan# 339

Delta R.T. -0.01 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Instrument :

BNA_E

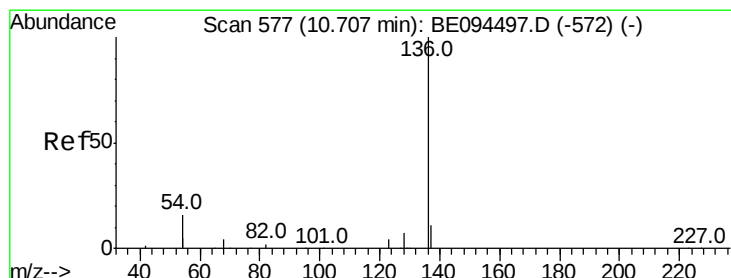
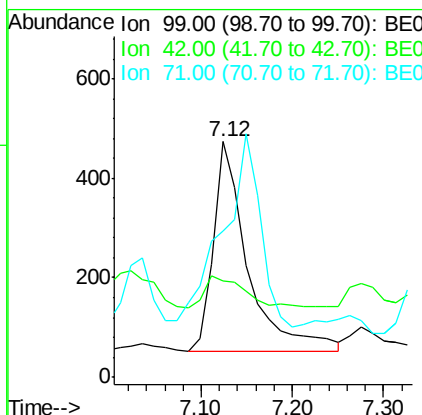
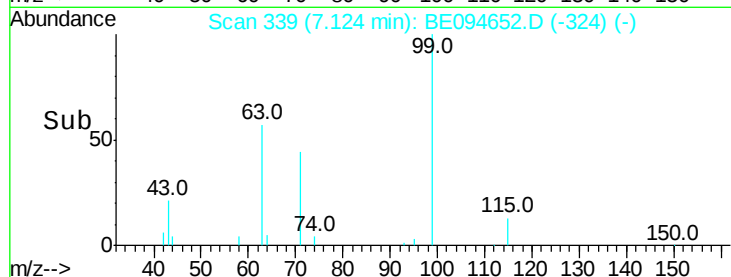
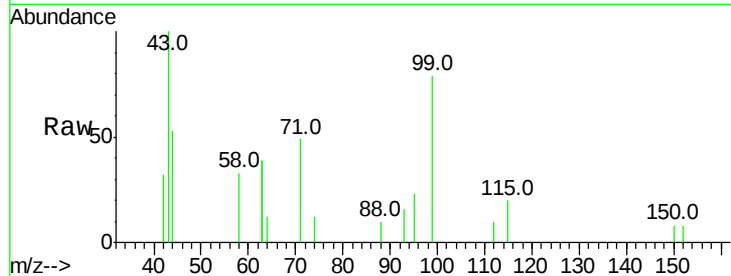
ClientSampled :

MW-1

Tot Ion:	99	Resp:	1091
Ion Ratio	Lower	Upper	
99	100		
42	18.2	20.2	30.2#
71	0.0	28.4	42.6#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:37:57 PM



#7

Naphthalene-d8

Concen: 0.400 ng

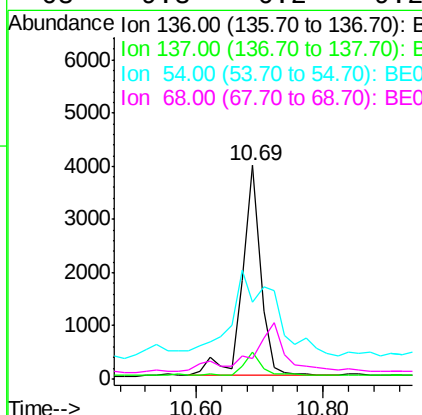
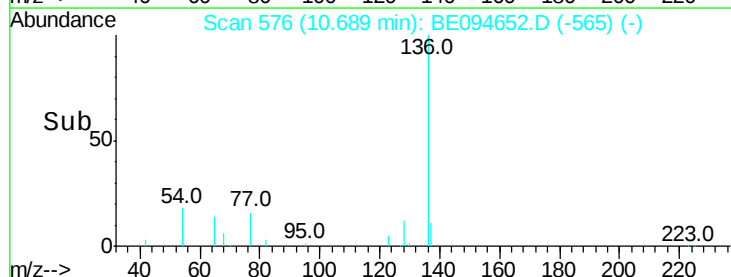
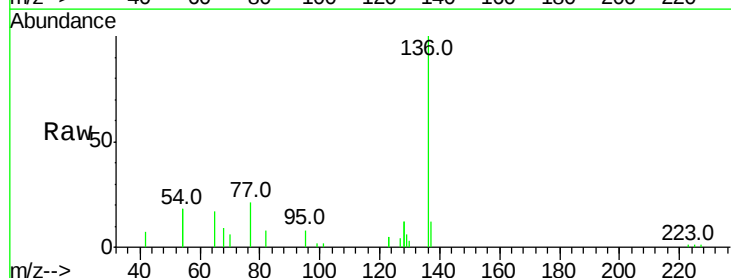
RT: 10.69 min Scan# 576

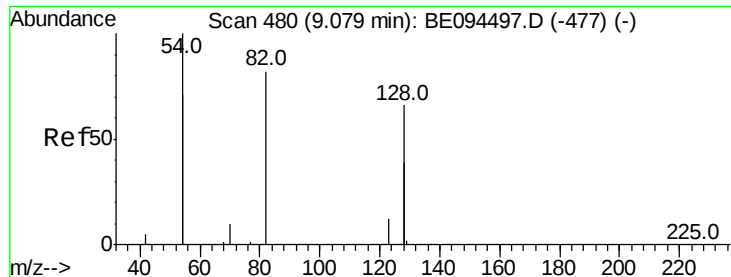
Delta R.T. -0.02 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Tgt Ion:	136	Resp:	8049
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.5	14.3
54	36.0	29.1	43.7
68	9.3	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Instrument :

BNA_E

ClientSampled :

MW-1

Tot Ion: 82 Resp: 2222

Ion Ratio Lower Upper

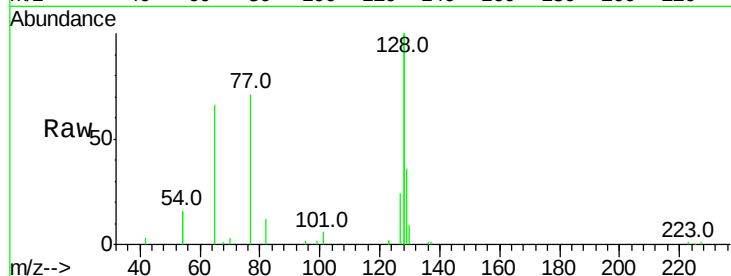
82 100

128 1730.4 150.0 225.0

54 276.5 154.2 231.4#

Manual Integrations
APPROVED

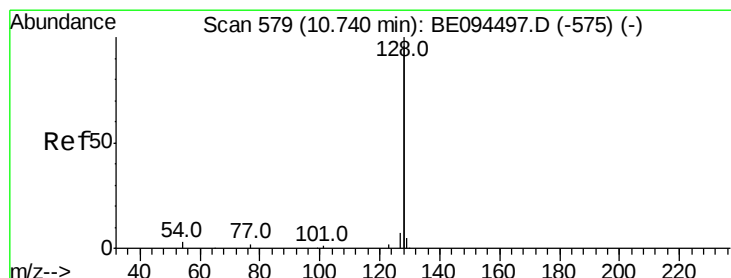
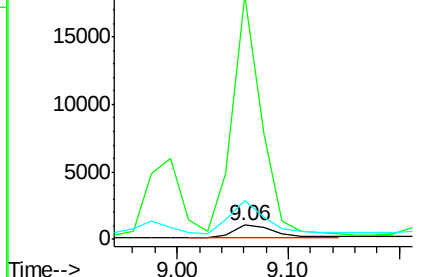
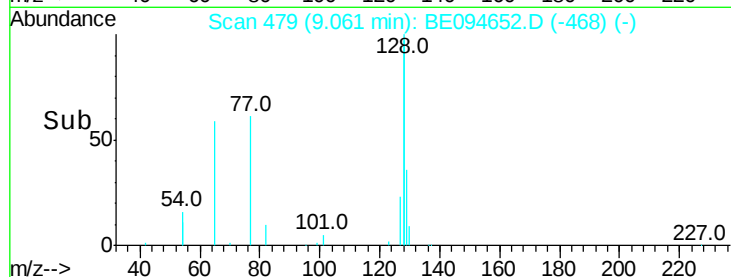
Sohil
10/31/2017 7:37:57 PM



Abundance Ion 82.00 (81.70 to 82.70): BE094497.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE094497.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE094497.D (-477) (-)



#9

Naphthalene

Concen: 0.344 ng

RT: 10.72 min Scan# 578

Delta R.T. -0.02 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

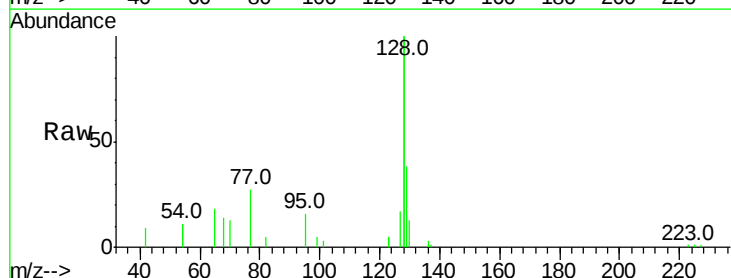
Tgt Ion: 128 Resp: 31378

Ion Ratio Lower Upper

128 100

129 19.2 2.6 3.8#

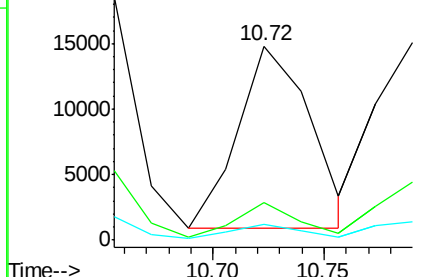
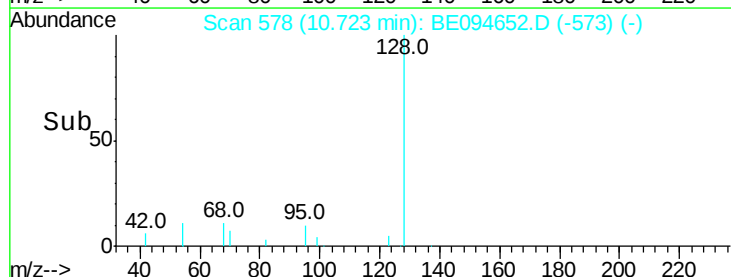
127 8.4 2.8 4.2#

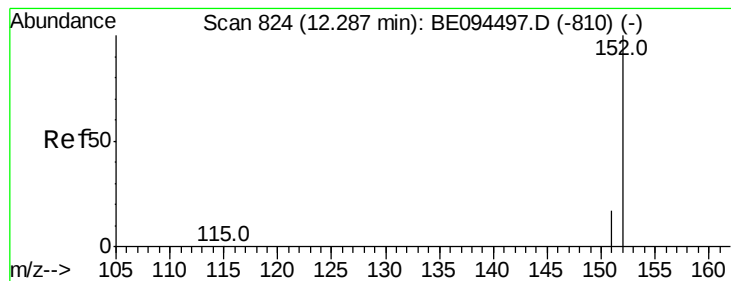


Abundance Ion 128.00 (127.70 to 128.70): BE094497.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE094497.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE094497.D (-575) (-)





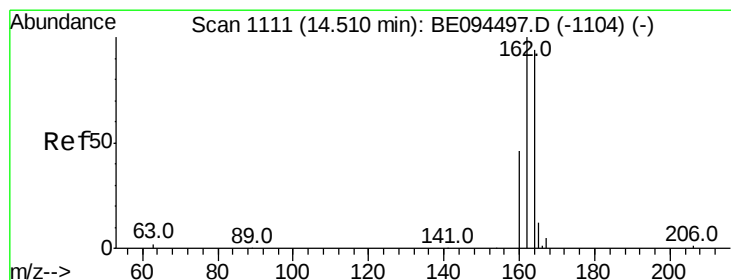
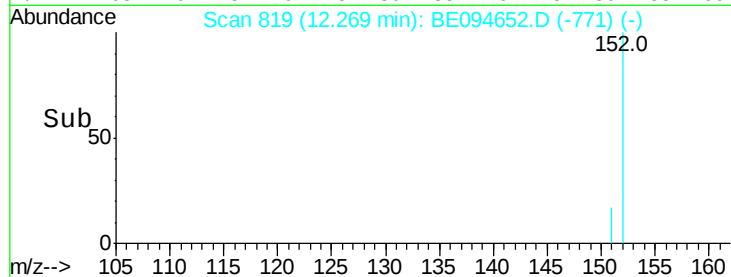
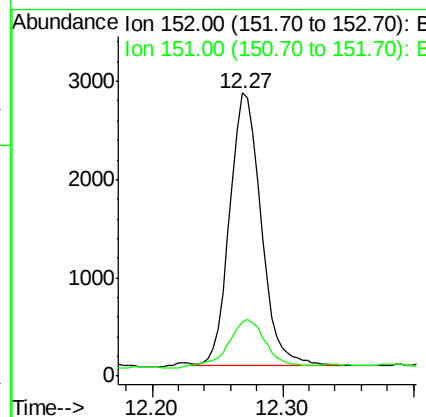
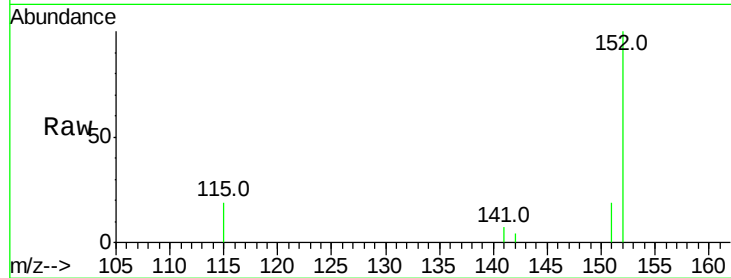
#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.27 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BE094652.D
 Acq: 30 Oct 2017 20:41

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Tot Ion:152 Resp: 4613
 Ion Ratio Lower Upper
 152 100
 151 22.1 15.4 23.0

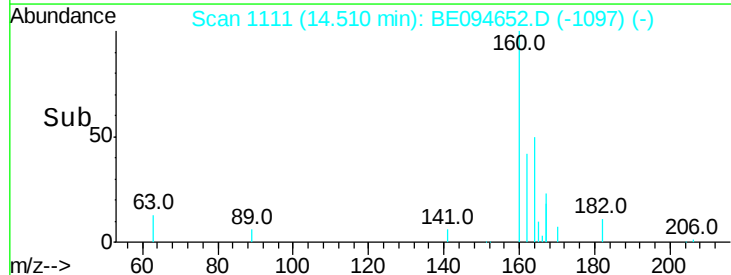
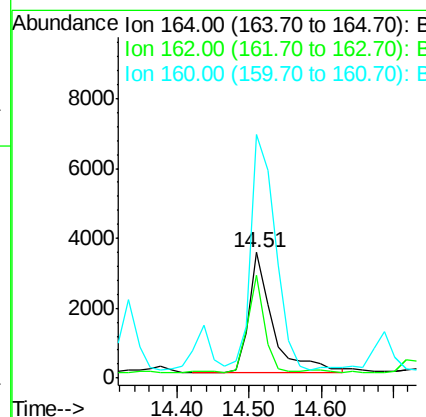
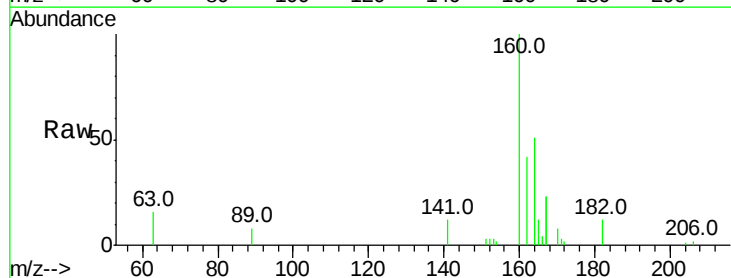
Manual Integrations
 APPROVED

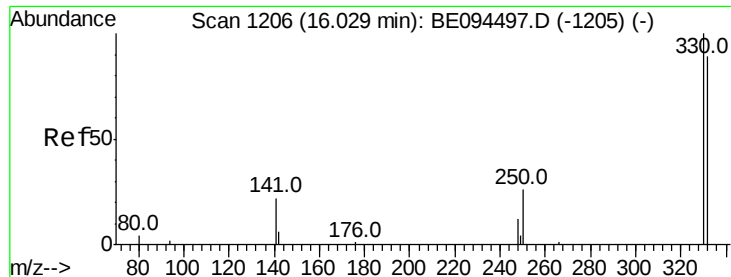
Sohil
 10/31/2017 7:37:57 PM



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094652.D
 Acq: 30 Oct 2017 20:41

Tgt Ion:164 Resp: 7868
 Ion Ratio Lower Upper
 164 100
 162 82.3 83.1 124.7#
 160 194.4 37.1 55.7#





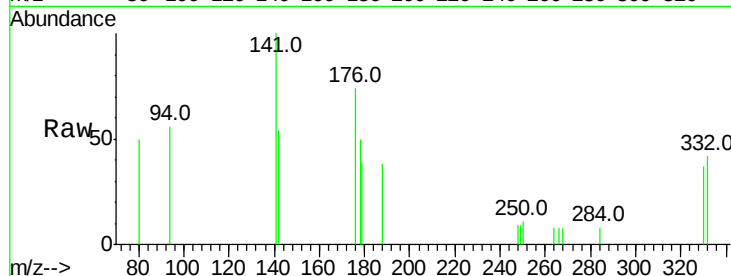
#14
 2,4,6-Tribromophenol
 Concen: 0.241 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094652.D
 Acq: 30 Oct 2017 20:41

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

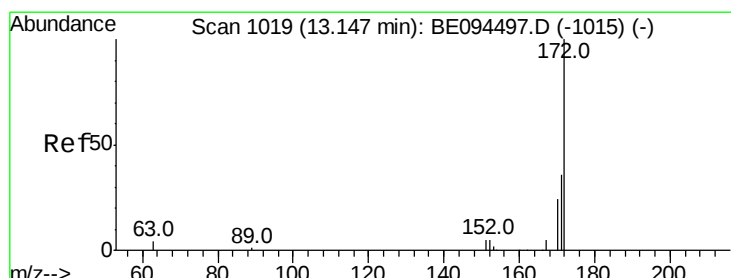
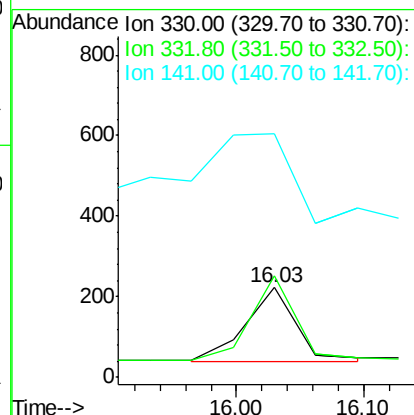
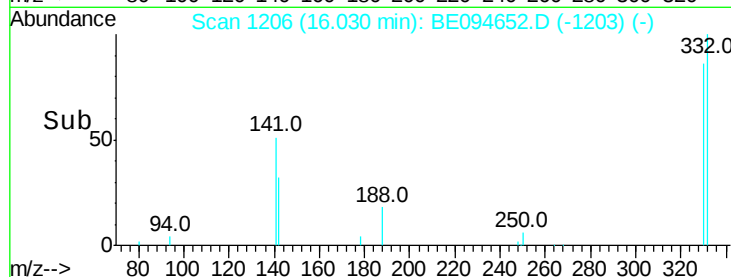
Tot Ion	Ratio	Lower	Upper
330	100		
332	79.1	152.7	229.1#
141	0.0	33.7	50.5#

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:37:57 PM

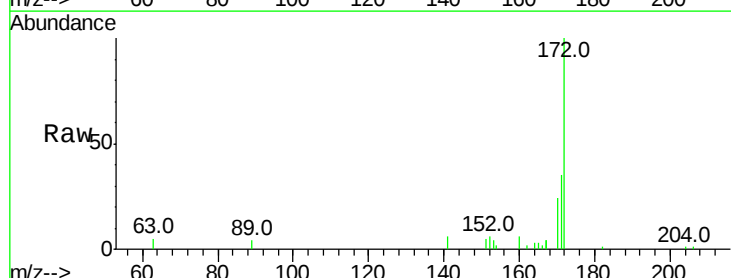


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

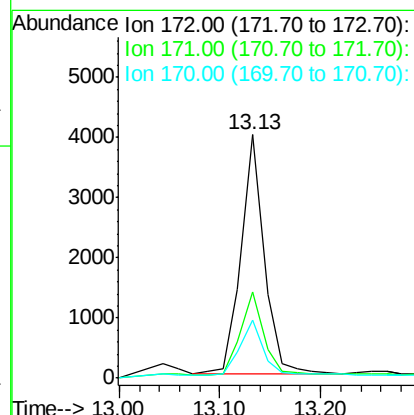
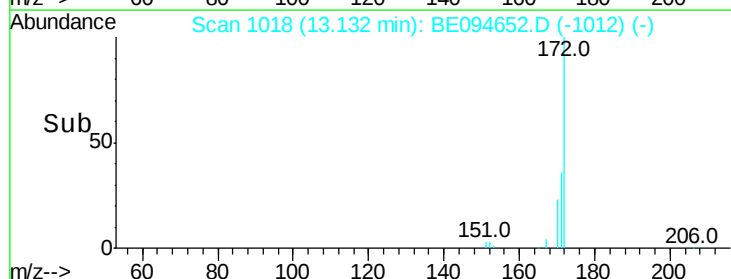


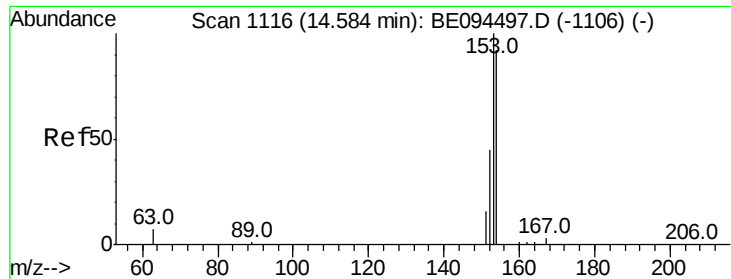
#15
 2-Fluorobiphenyl
 Concen: 0.228 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE094652.D
 Acq: 30 Oct 2017 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	23.6	21.8	32.8



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





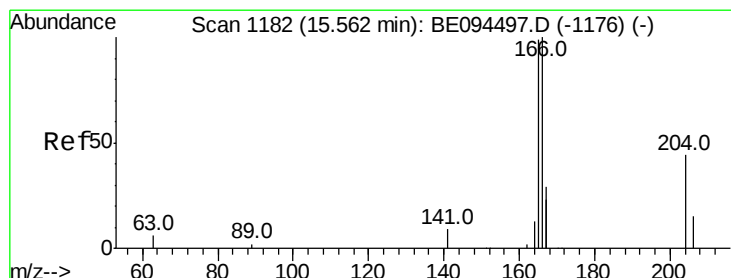
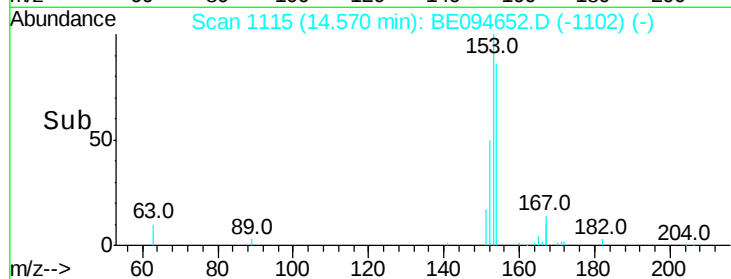
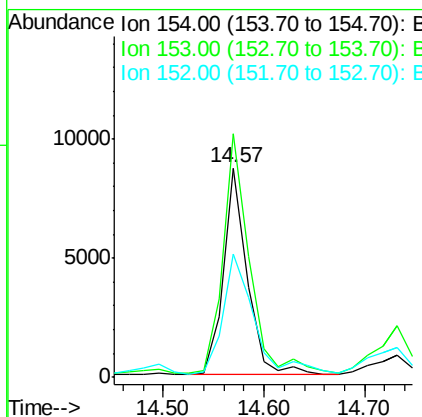
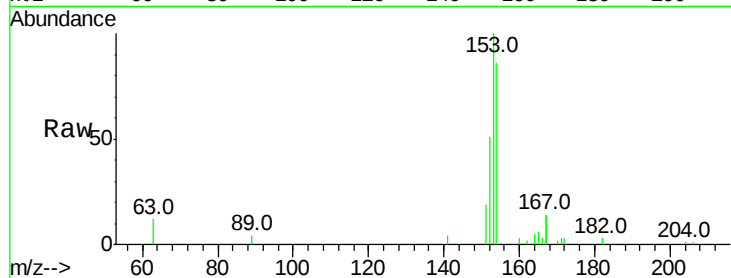
#17
Acenaphthene
Concen: 0.542 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	126.9	89.2	133.8
152	74.2	42.0	63.0#

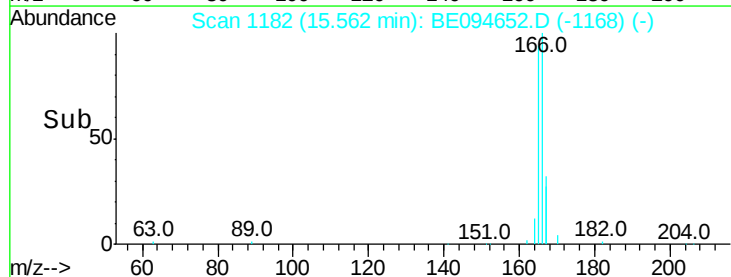
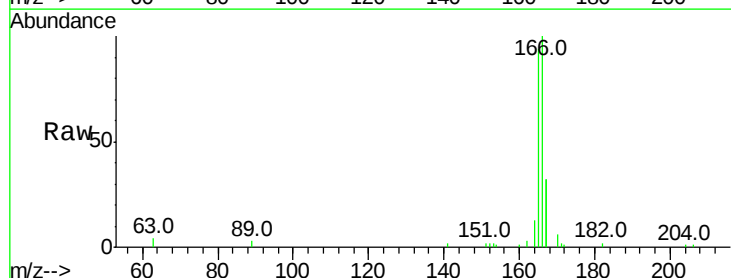
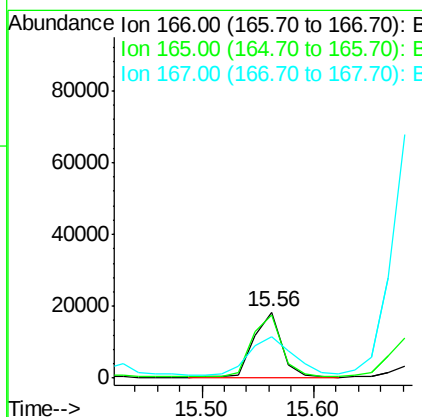
Manual Integrations
APPROVED

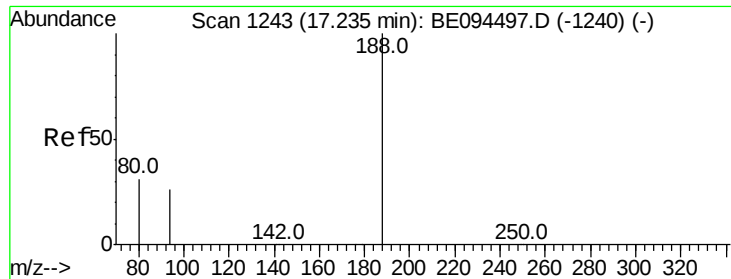
Sohil
10/31/2017 7:37:57 PM



#18
Fluorene
Concen: 0.914 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.3	77.8	116.6
167	96.4	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Instrument :

BNA_E

ClientSampleId :

MW-1

Tot Ion:188 Resp: 10307

Ion Ratio Lower Upper

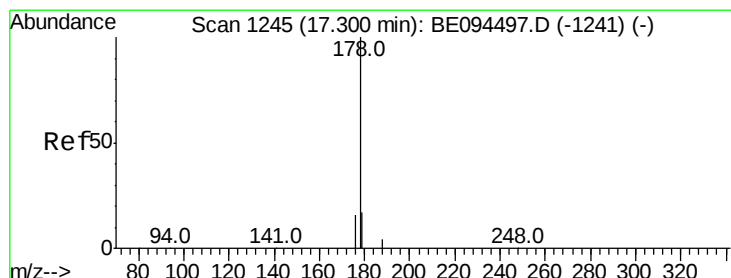
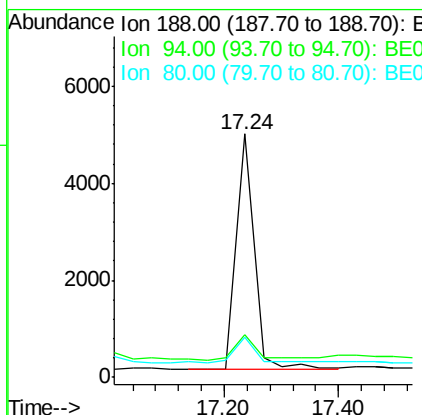
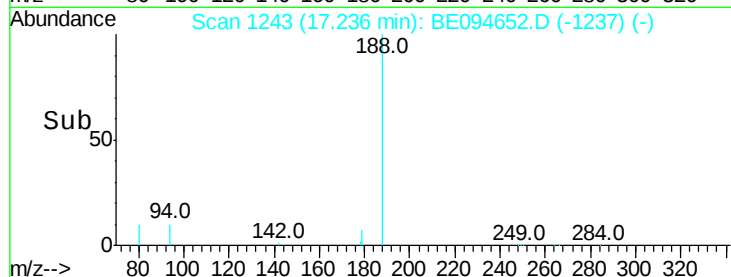
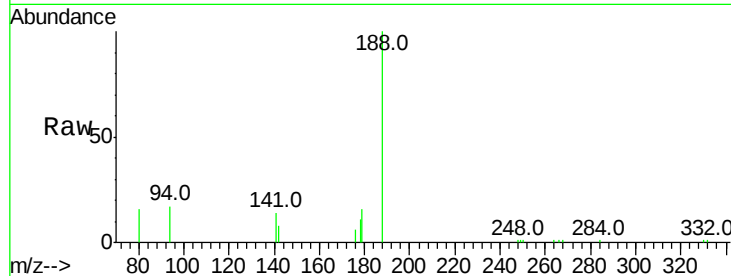
188 100

94 17.3 3.9 5.9#

80 16.4 3.6 5.4#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:37:57 PM



#23

Phenanthrene

Concen: 0.580 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

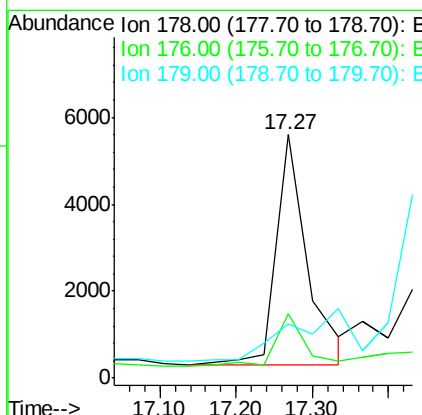
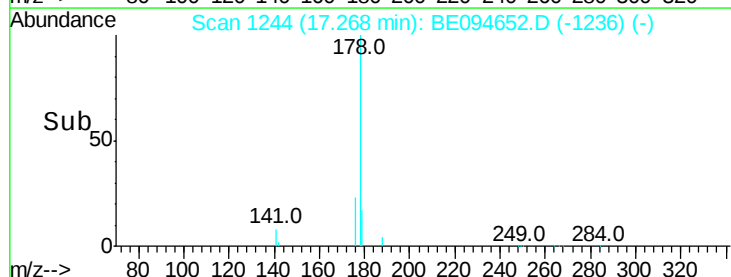
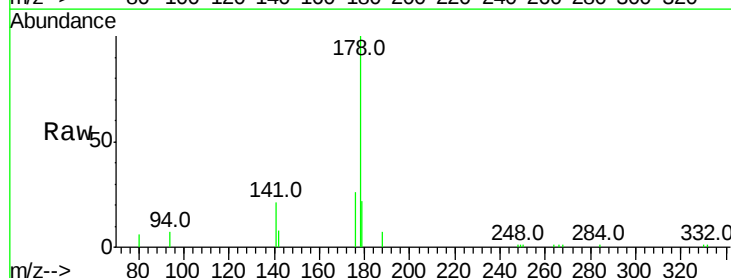
Tgt Ion:178 Resp: 15197

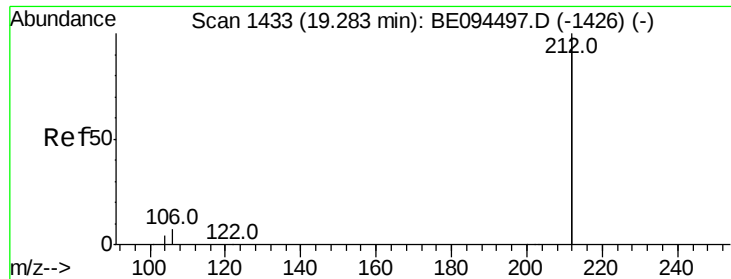
Ion Ratio Lower Upper

178 100

176 22.5 15.1 22.7

179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Instrument :

BNA_E

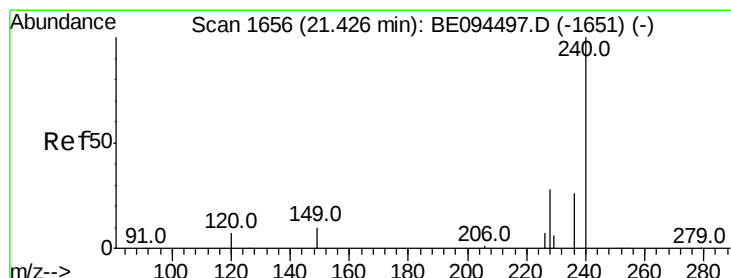
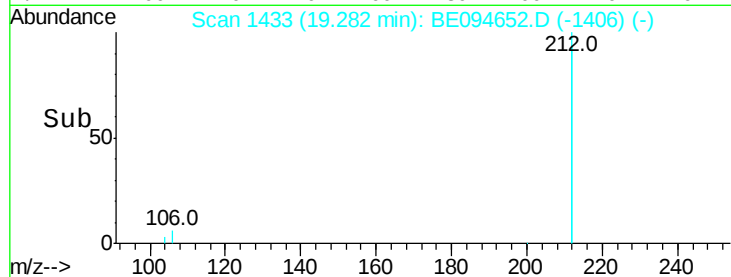
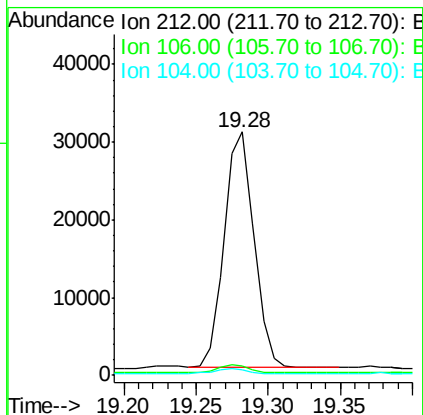
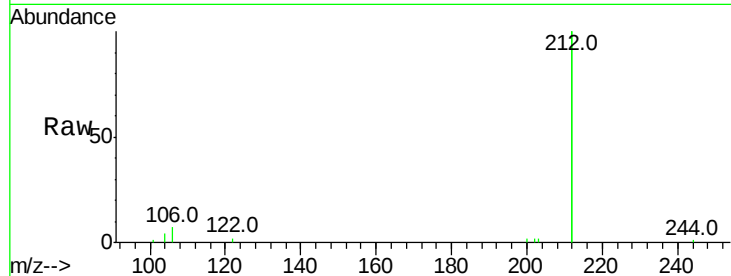
ClientSampleId :

MW-1

Tot Ion:	212	Resp:	43456
Ion Ratio	Lower	Upper	
212	100		
106	3.7	2.8	4.2
104	2.7	1.6	2.4

Manual Integrations
APPROVED

Sohil
10/31/2017 7:37:57 PM



#27

Chrysene-d12

Concen: 0.400 ng

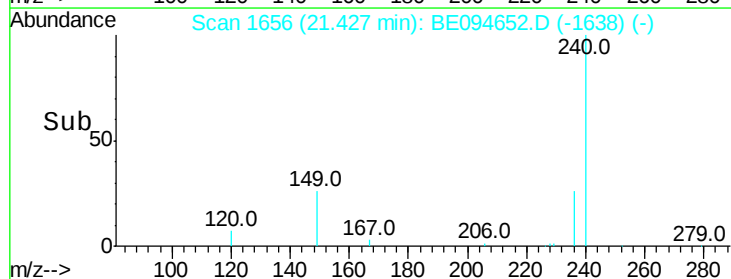
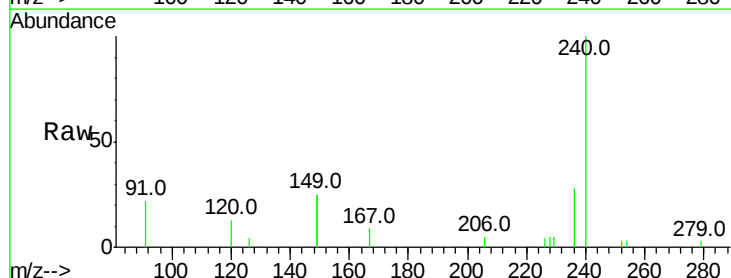
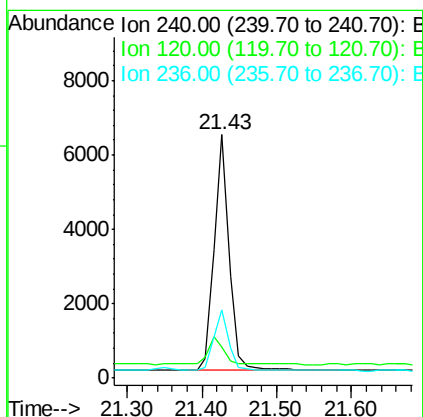
RT: 21.43 min Scan# 1656

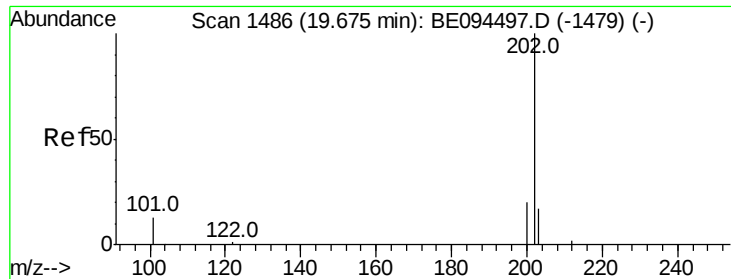
Delta R.T. 0.00 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Tgt Ion:	240	Resp:	8782
Ion Ratio	Lower	Upper	
240	100		
120	12.8	5.5	8.3
236	28.1	20.7	31.1





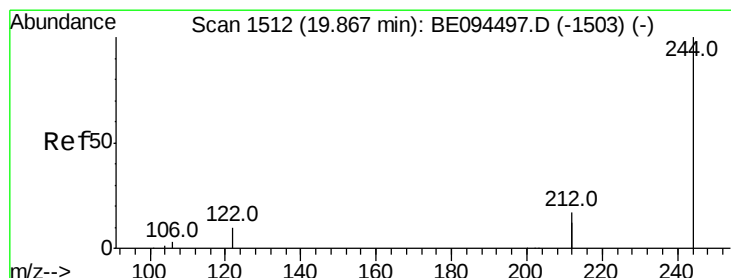
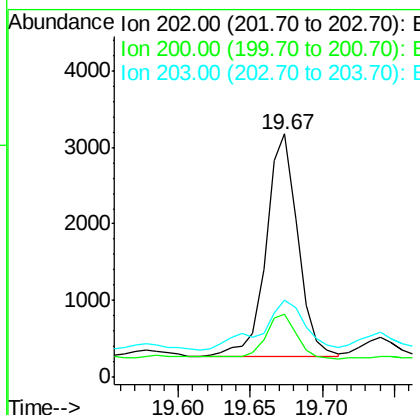
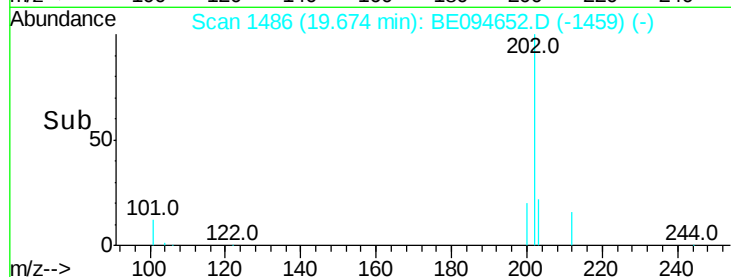
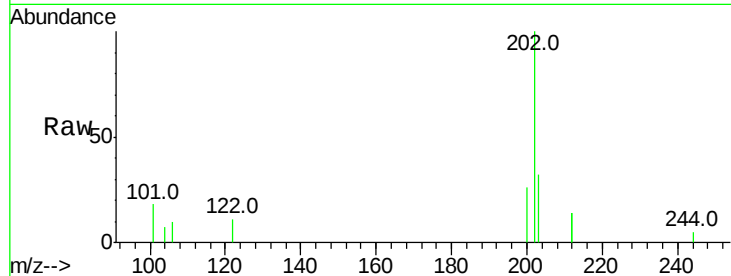
#28
Pvrene
Concen: 0.144 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	30.5	13.8	20.8

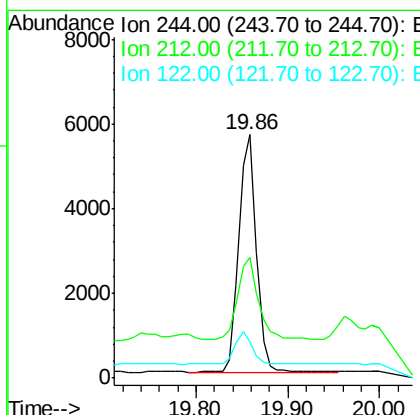
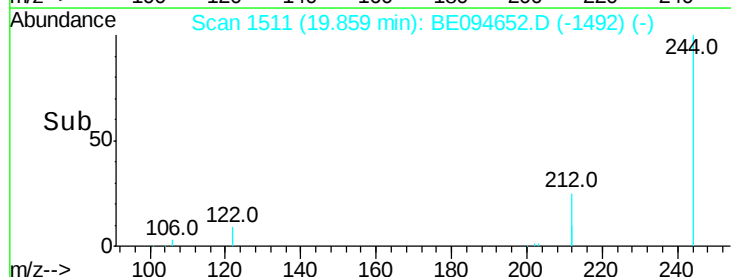
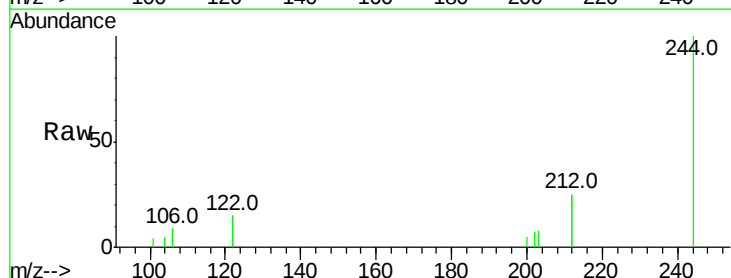
Manual Integrations
APPROVED

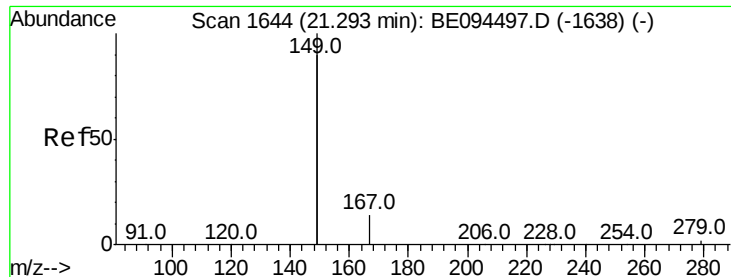
Sohil
10/31/2017 7:37:57 PM



#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	49.5	25.4	38.0
122	14.9	8.1	12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Instrument :

BNA_E

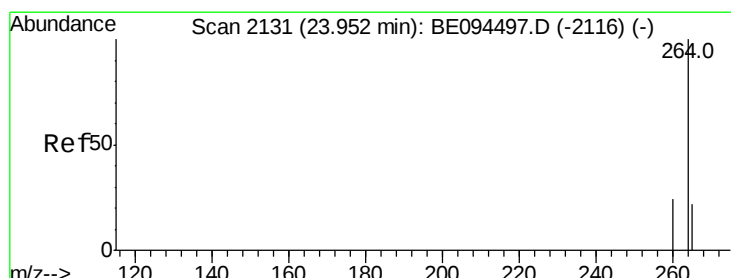
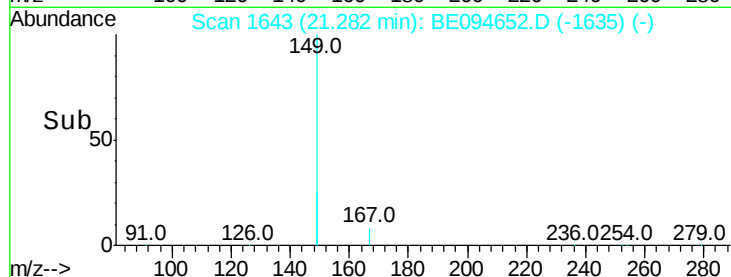
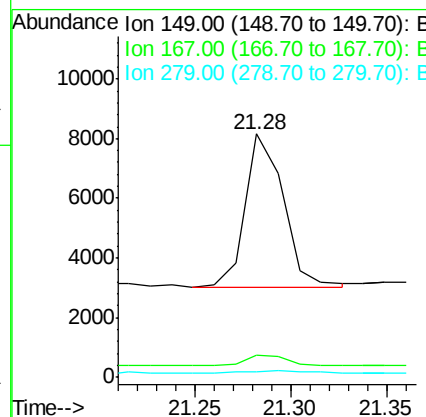
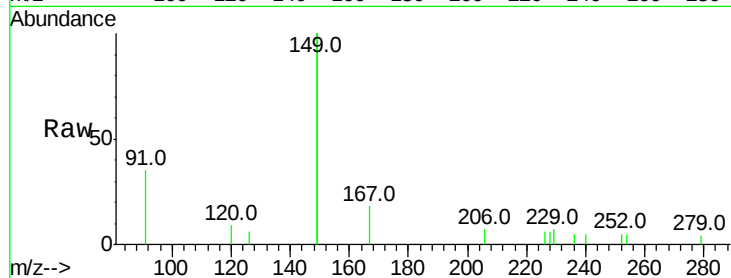
ClientSampleId :

MW-1

Tot Ion:	149	Resp:	7073
Ion Ratio	Lower	Upper	
149	100		
167	7.6	5.4	8.0
279	1.1	0.7	1.1

Manual Integrations
APPROVED

Sohil
10/31/2017 7:37:57 PM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BE094652.D

Acq: 30 Oct 2017 20:41

Tgt Ion:	264	Resp:	8330
Ion Ratio	Lower	Upper	
264	100		
260	26.6	20.5	30.7
265	34.7	22.8	34.2

