

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095854.D
 Acq On : 27 Mar 2018 00:32
 Operator : SJ/JU
 Sample : J1994-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-031918

Manual Integrations
 APPROVED

Sohil
 3/27/2018 4:58:12 PM

Quant Time: Mar 27 14:43:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1143	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4438	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2470	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	5975	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6965	0.40	ng	-0.01
34) Perylene-d12	24.41	264	6961	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	783	0.21	ng	0.00
5) Phenol-d6	7.56	99	576	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2445	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2846	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	635	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6127	0.59	ng	-0.01
25) Fluoranthene-d10	19.68	212	33843	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8207	0.55	ng	0.00
Target Compounds						
9) Naphthalene	11.30	128	44701	0.882	ng	Qvalue # 87
12) 2-Methylnaphthalene	12.86	142	13318	1.538	ng	95
17) Acenaphthene	15.06	154	2454m	0.285	ng	
18) Fluorene	16.02	166	7577	0.669	ng	# 81
22) Pentachlorophenol	17.36	266	132	0.228	ng	84
23) Phenanthrene	17.74	178	2090	0.117	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.64	149	8551	0.116	ng	100

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

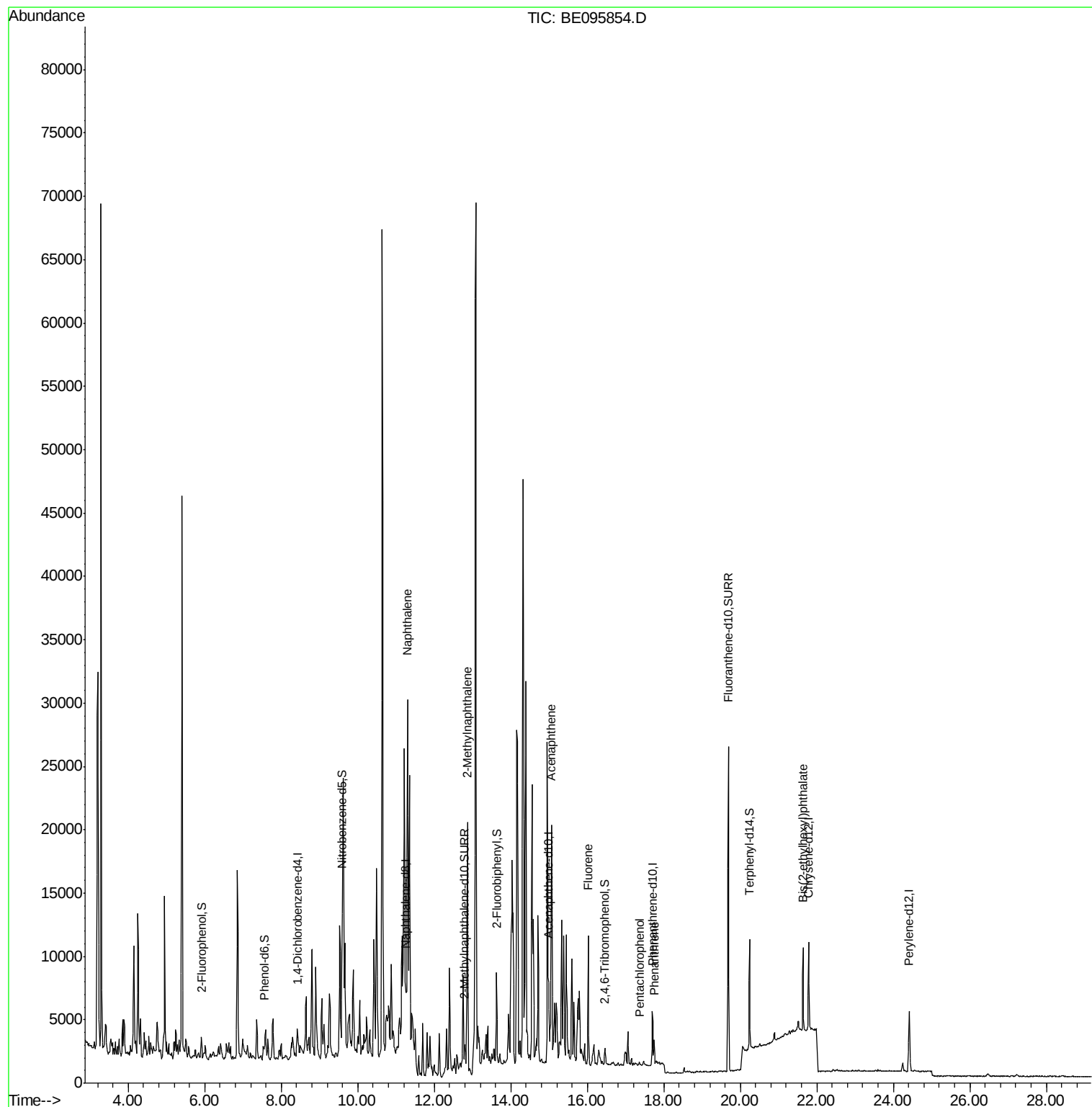
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095854.D
Acq On : 27 Mar 2018 00:32
Operator : SJ/JU
Sample : J1994-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

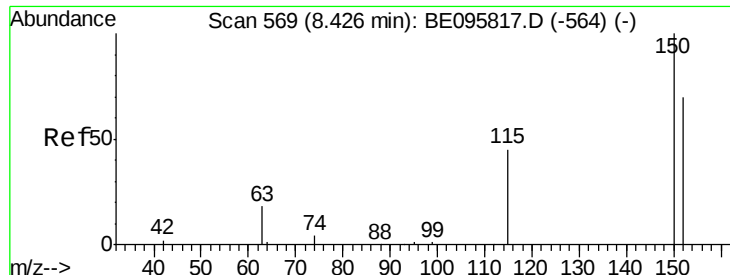
Instrument :
BNA_E
ClientSampleId :
PR-MW-02-031918

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM

Quant Time: Mar 27 14:43:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration





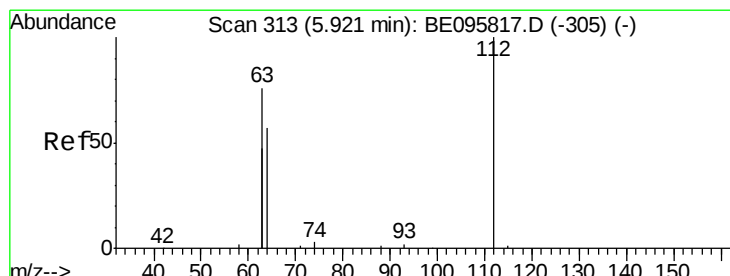
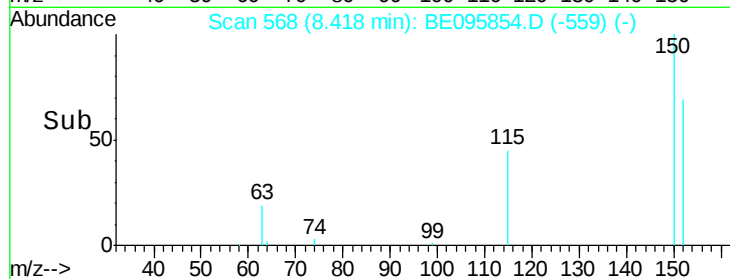
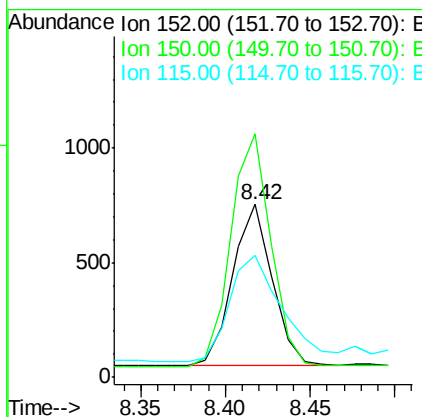
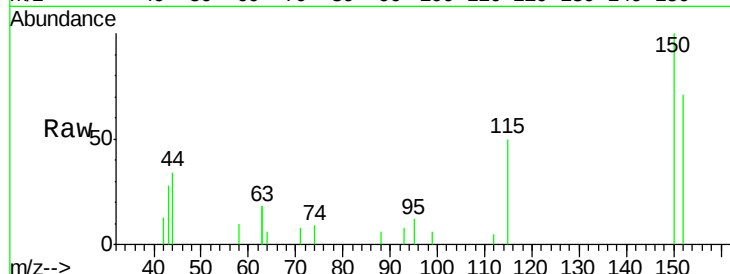
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.42 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BE095854.D
 Acq: 27 Mar 2018 00:32

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	117.2	175.8
115	70.6	57.0	85.6

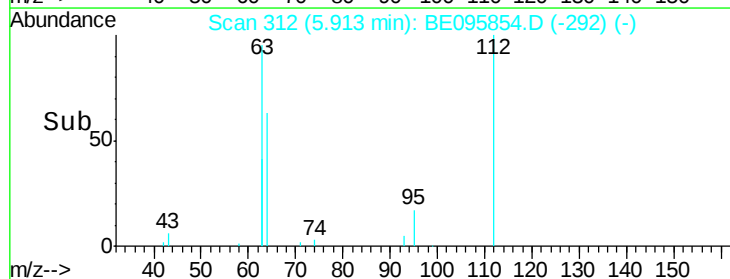
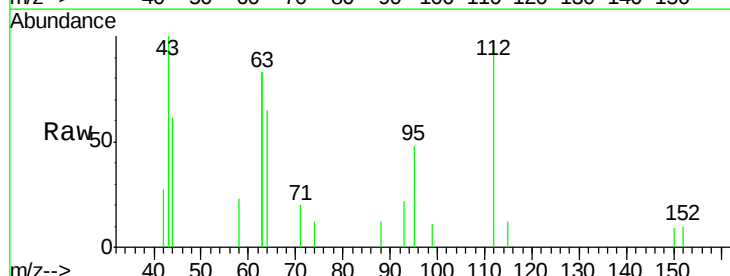
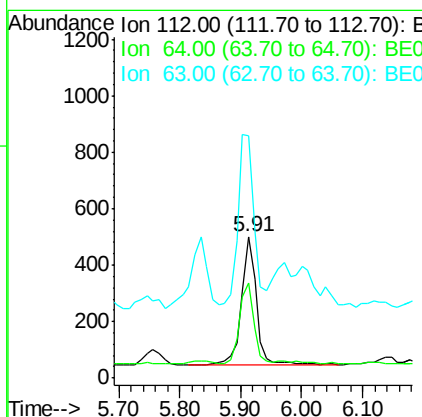
Manual Integrations
 APPROVED

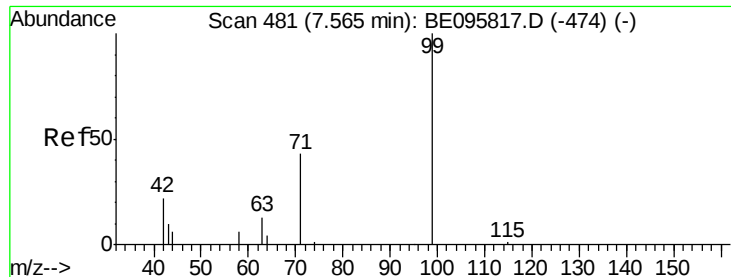
Sohil
 3/27/2018 4:58:12 PM



#4
 2-Fluorophenol
 Concen: 0.208 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095854.D
 Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	60.1	90.1#
63	137.7	116.8	175.2





#5

Phenol-d6

Concen: 0.111 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

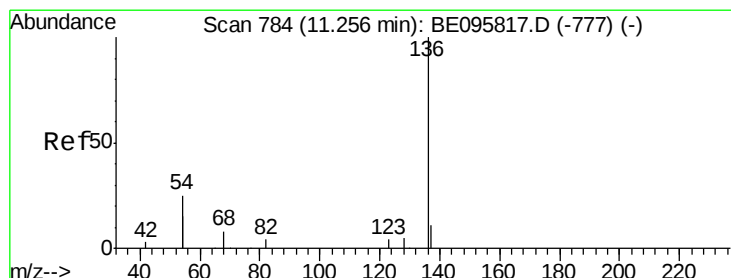
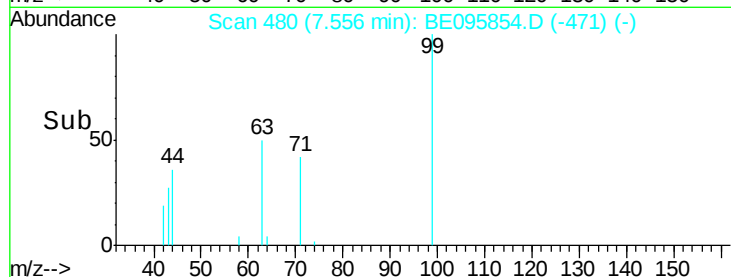
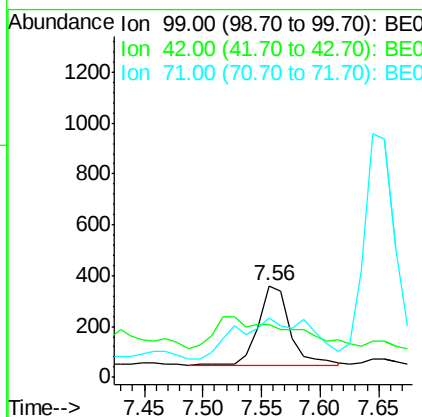
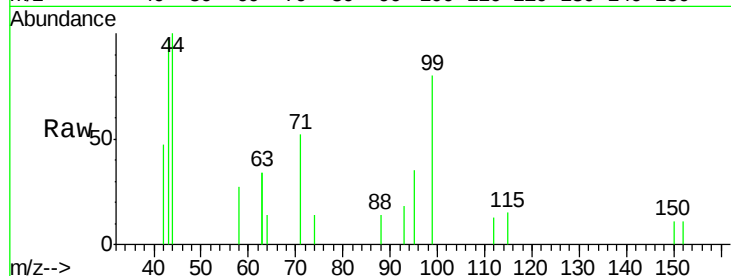
ClientSampleId :

PR-MW-02-031918

Tot Ion:	99	Resp:	576
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	123.8	28.4	42.6#

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM



#7

Naphthalene-d8

Concen: 0.400 ng

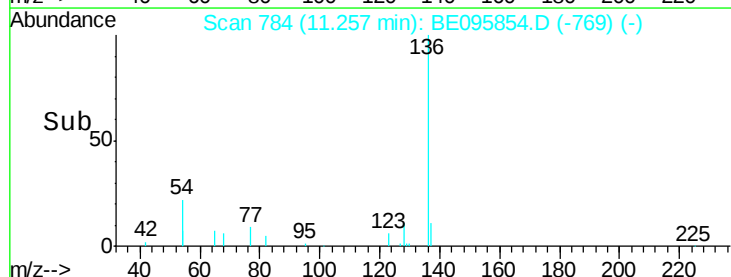
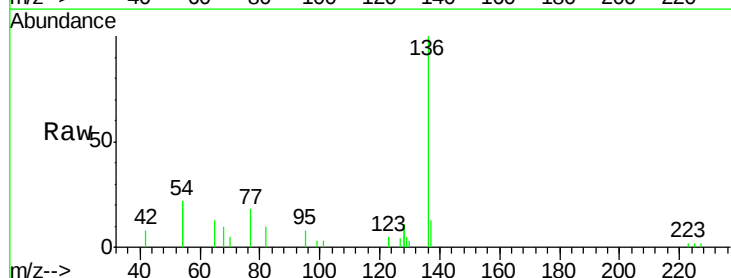
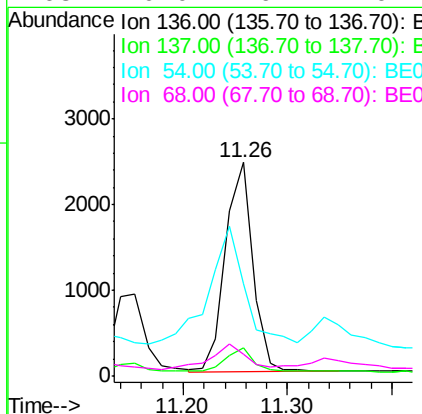
RT: 11.26 min Scan# 784

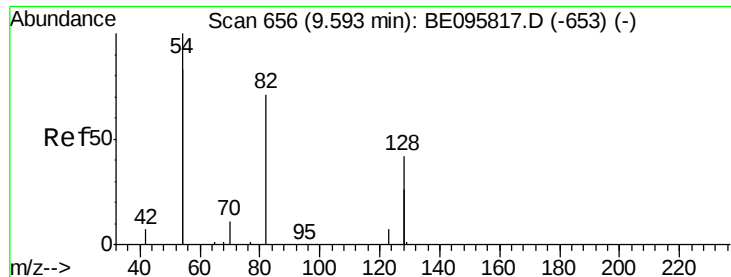
Delta R.T. 0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tgt Ion:	136	Resp:	4438
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	43.4	29.1	43.7
68	10.0	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.466 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

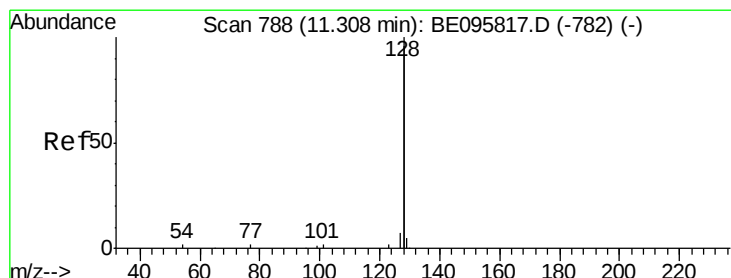
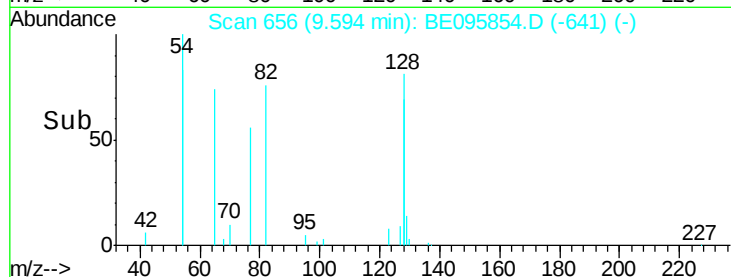
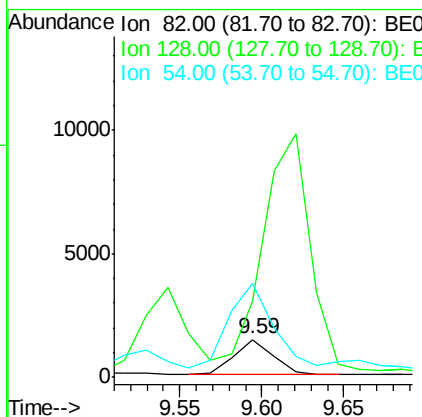
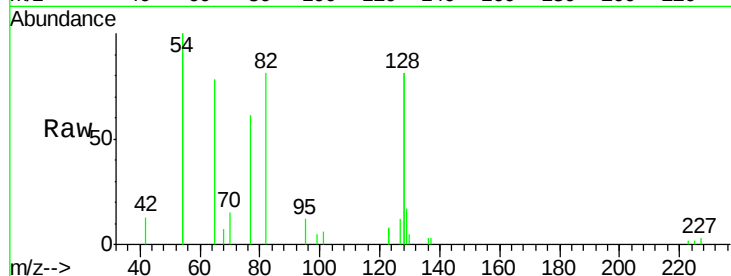
ClientSampleId :

PR-MW-02-031918

Tot Ion	82	Resp	2445
Ion	Ratio	Lower	Upper
82	100		
128	200.3	150.0	225.0
54	248.1	154.2	231.4#

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM



#9

Naphthalene

Concen: 0.882 ng

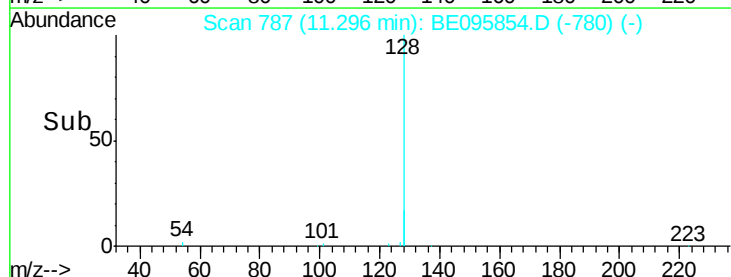
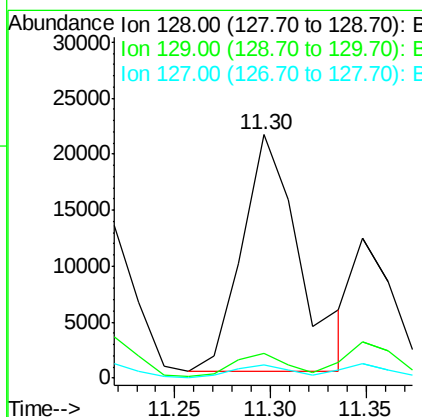
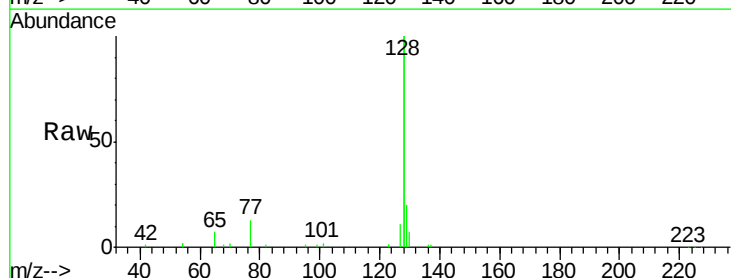
RT: 11.30 min Scan# 787

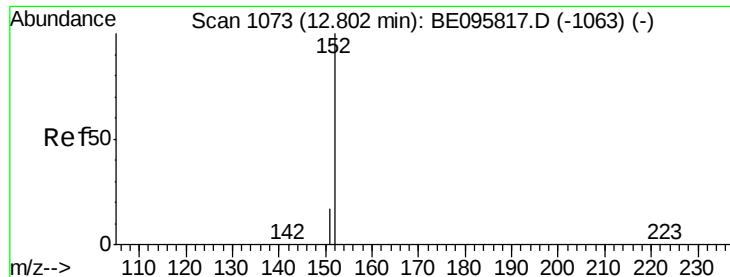
Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tgt Ion	128	Resp	44701
Ion	Ratio	Lower	Upper
128	100		
129	10.2	2.6	3.8#
127	5.5	2.8	4.2#





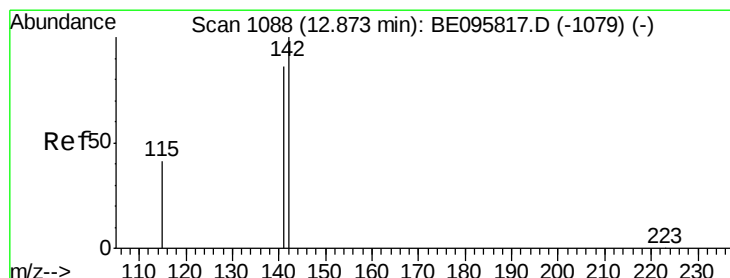
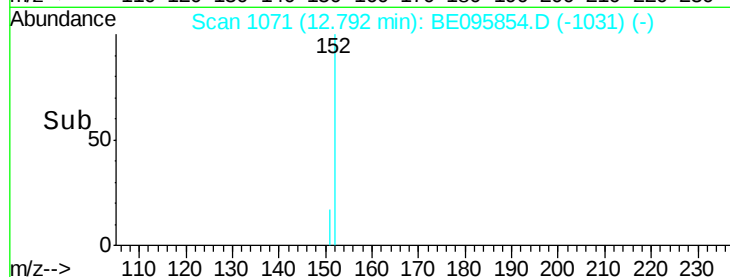
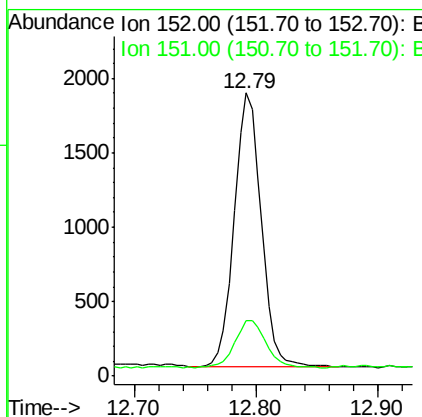
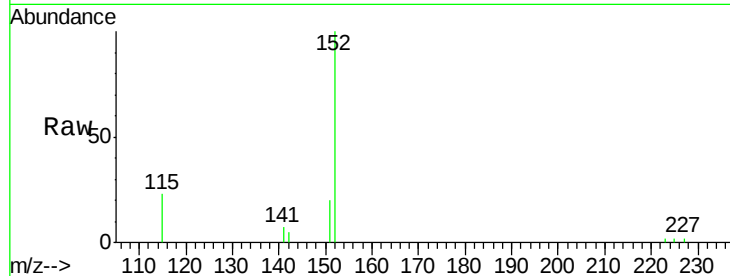
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

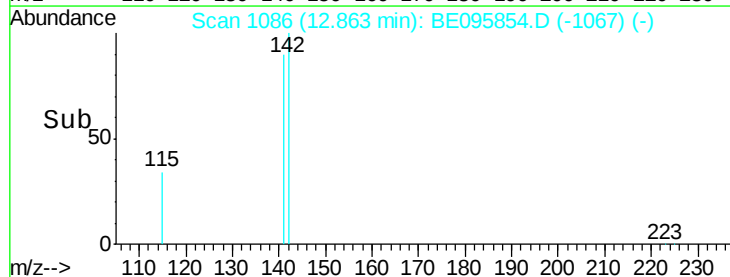
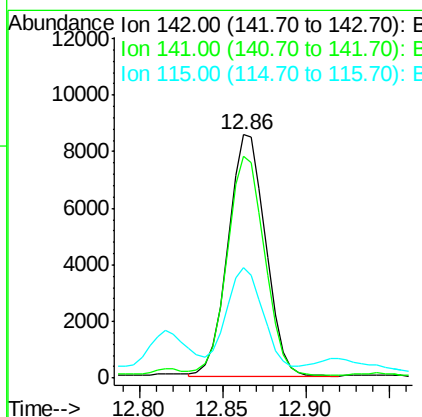
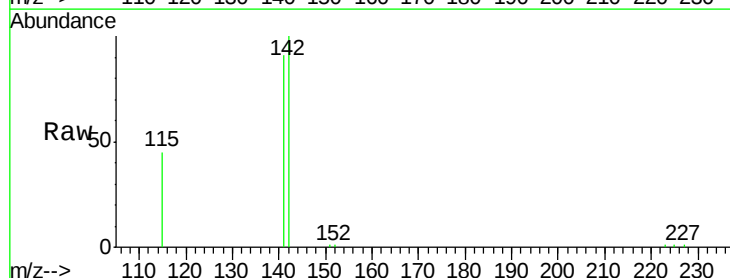
Manual Integrations
APPROVED

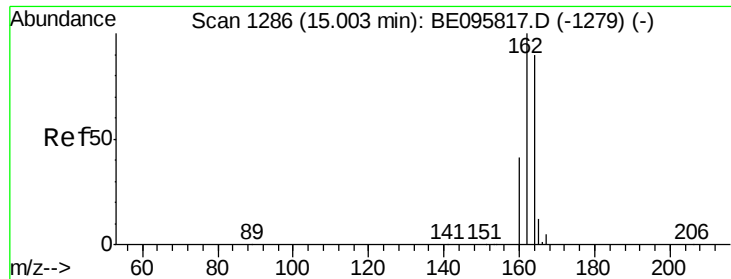
Sohil
3/27/2018 4:58:12 PM



#12
2-Methylnaphthalene
Concen: 1.538 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6
115	45.3	31.7	47.5





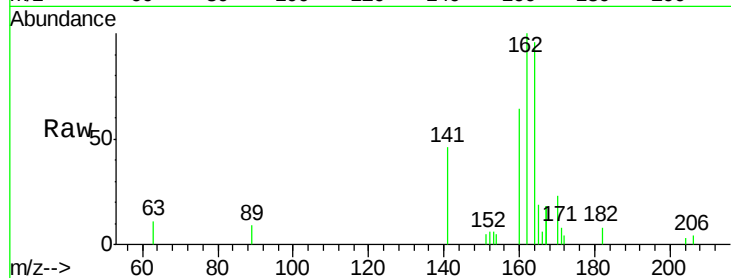
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-031918

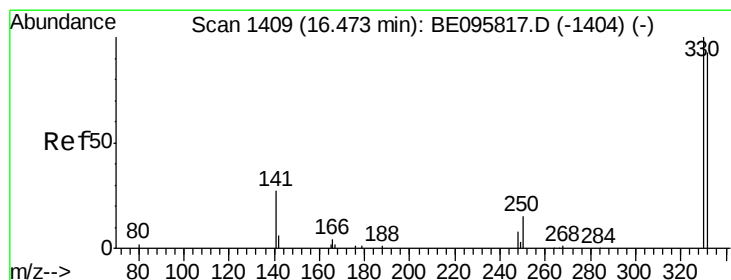
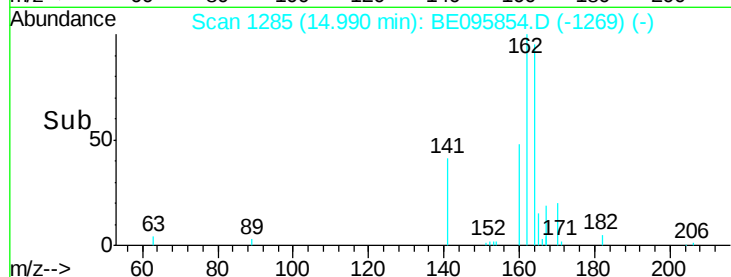
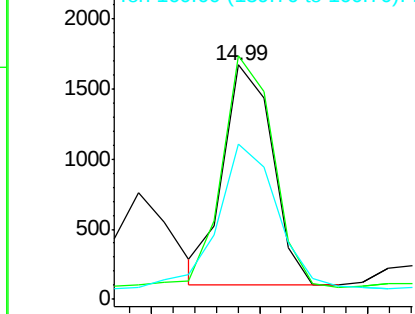
Tot Ion:164 Resp: 2470
Ion Ratio Lower Upper
164 100
162 104.0 83.1 124.7
160 66.5 37.1 55.7#

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM



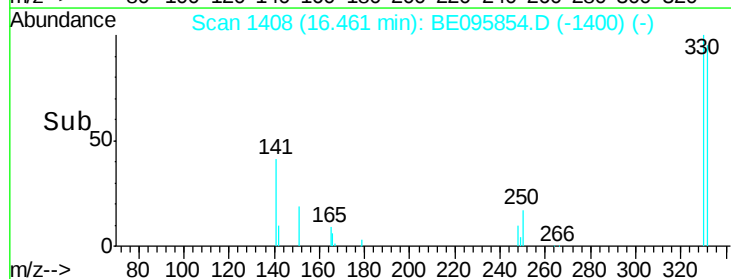
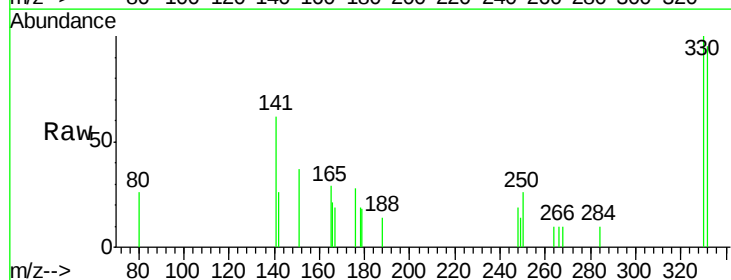
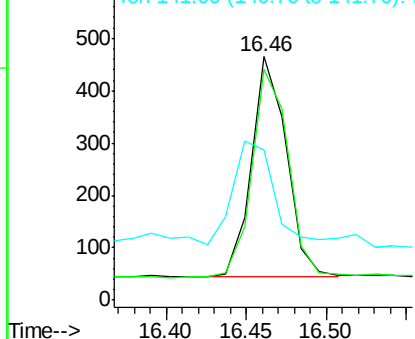
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

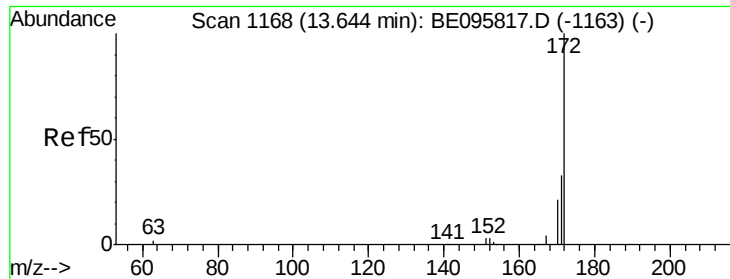


#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Tgt Ion:330 Resp: 635
Ion Ratio Lower Upper
330 100
332 99.4 152.7 229.1#
141 55.1 33.7 50.5#

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





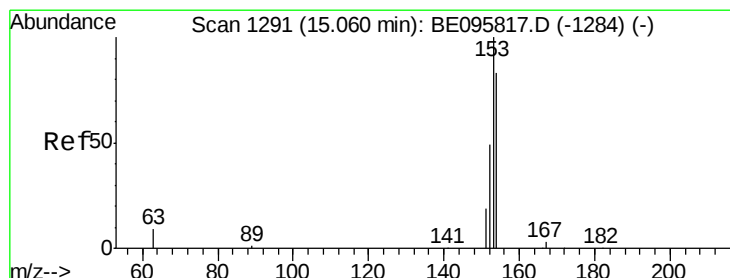
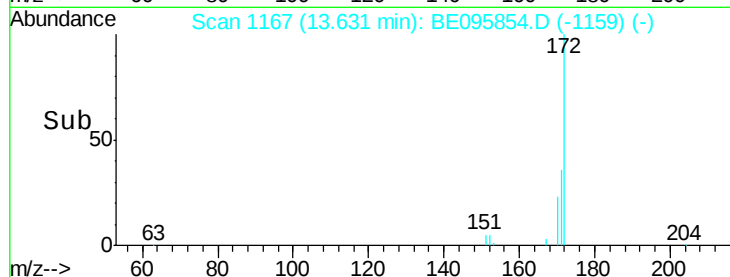
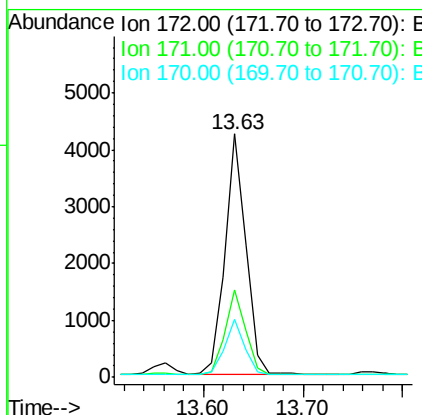
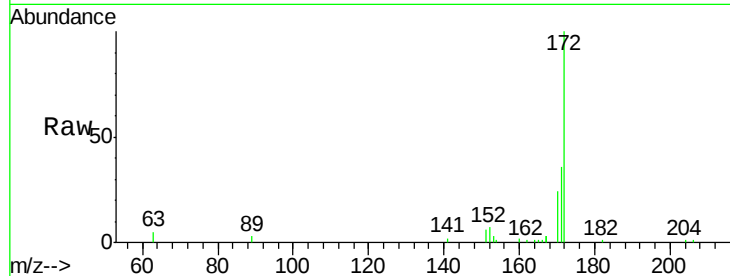
#15
2-Fluorobiphenyl
Concen: 0.589 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	23.9	21.8	32.8

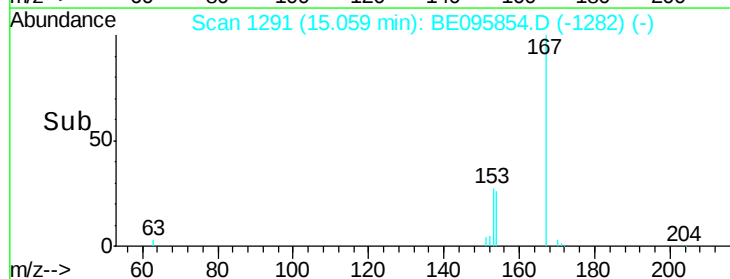
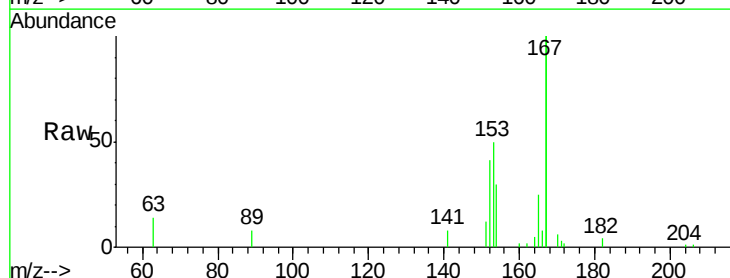
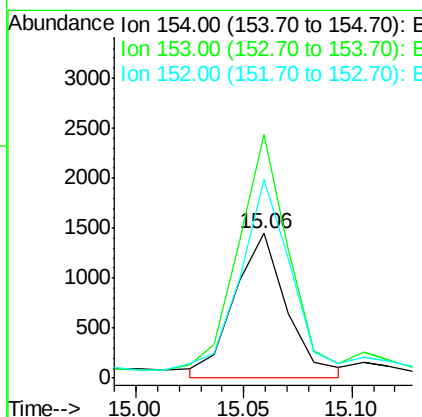
Manual Integrations
APPROVED

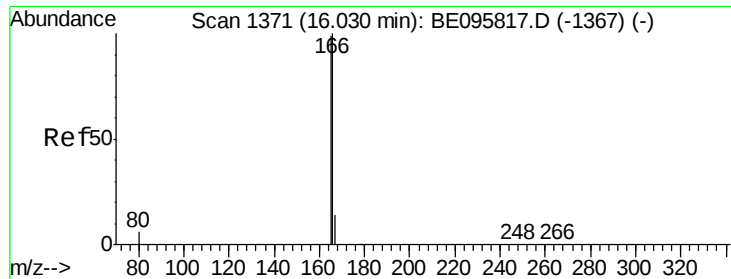
Sohil
3/27/2018 4:58:12 PM



#17
Acenaphthene
Concen: 0.285 ng m
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#





#18

Fluorene

Concen: 0.669 ng

RT: 16.02 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

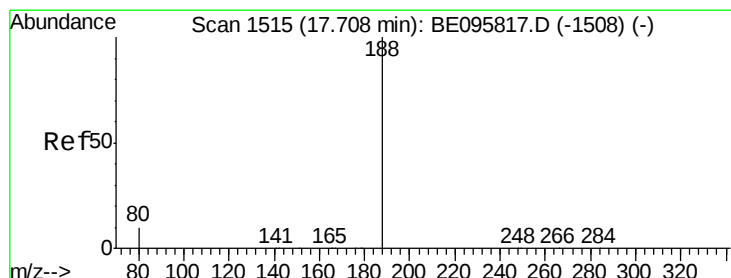
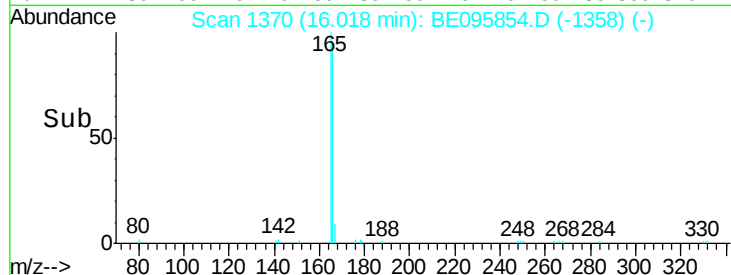
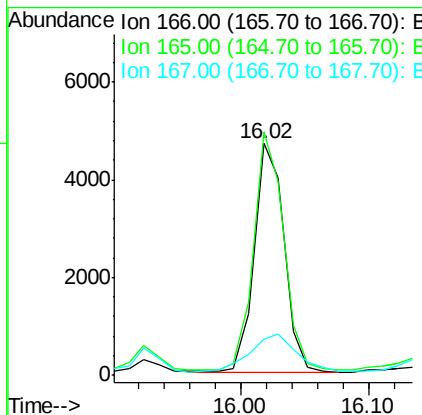
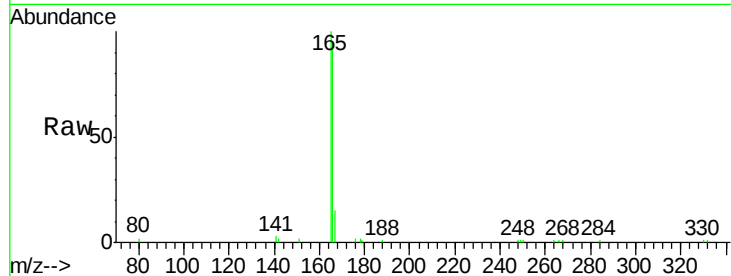
ClientSampleId :

PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.9	77.8	116.6
167	25.9	42.4	63.6

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM



#19

Phenanthrene-d10

Concen: 0.400 ng

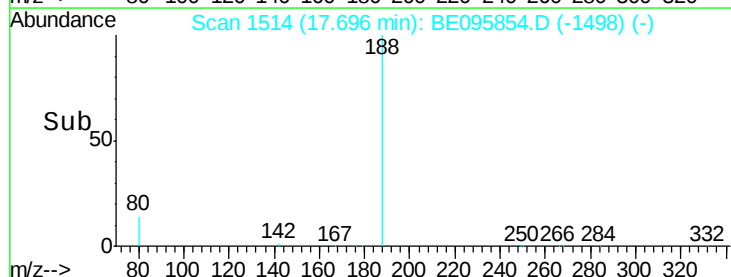
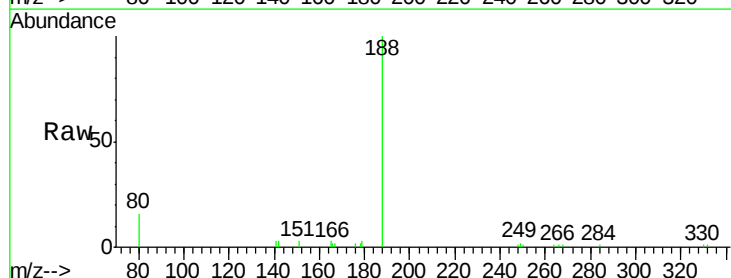
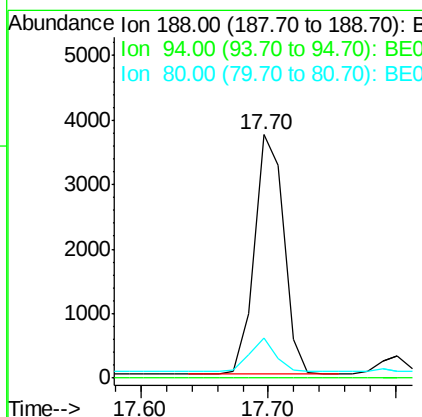
RT: 17.70 min Scan# 1514

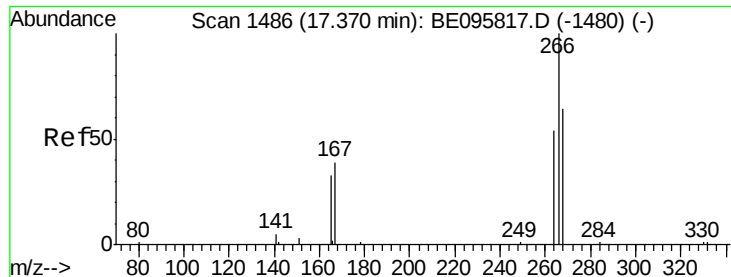
Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9
80	16.5	3.6	5.4





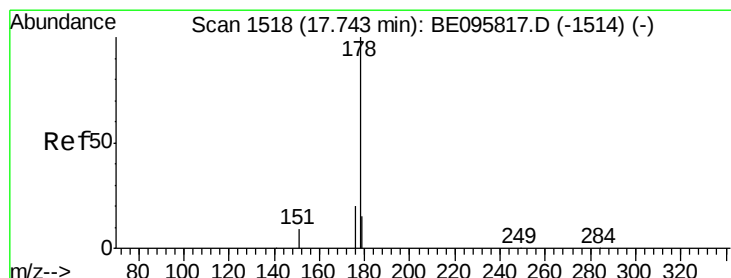
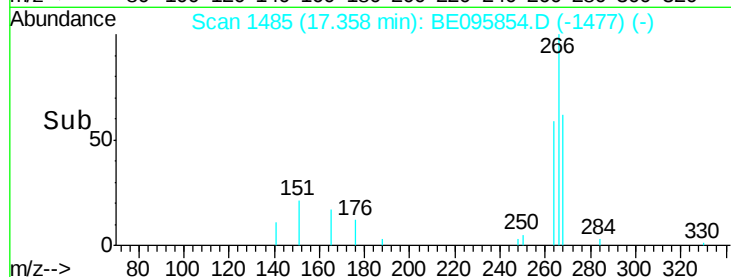
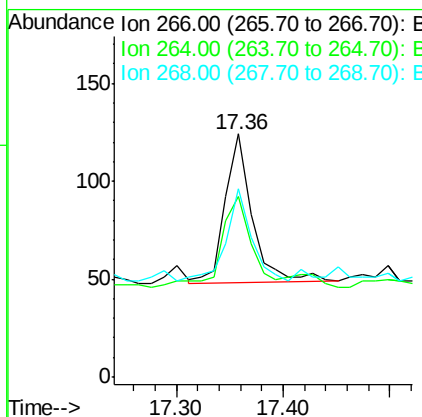
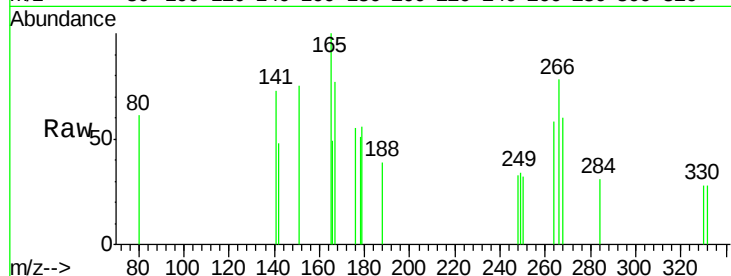
#22
 Pentachlorophenol
 Concen: 0.228 ng
 RT: 17.36 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BE095854.D
 Acq: 27 Mar 2018 00:32

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
266	100		
264	74.2	72.5	108.7
268	77.4	73.8	110.6

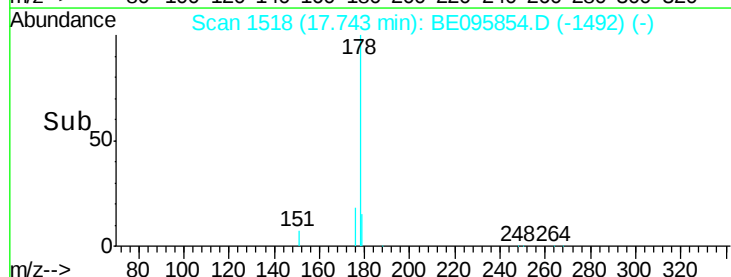
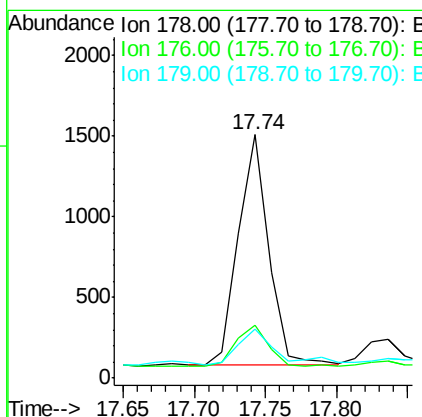
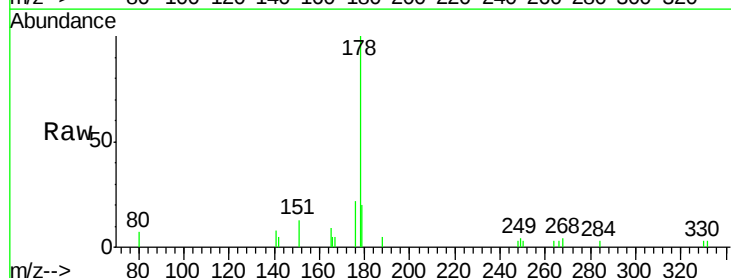
Manual Integrations
 APPROVED

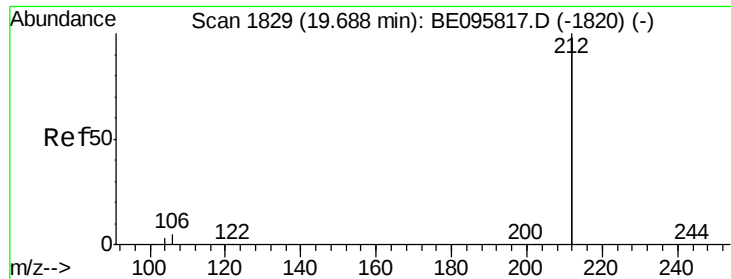
Sohil
 3/27/2018 4:58:12 PM



#23
 Phenanthrene
 Concen: 0.117 ng
 RT: 17.74 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BE095854.D
 Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	19.2	11.8	17.6#





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

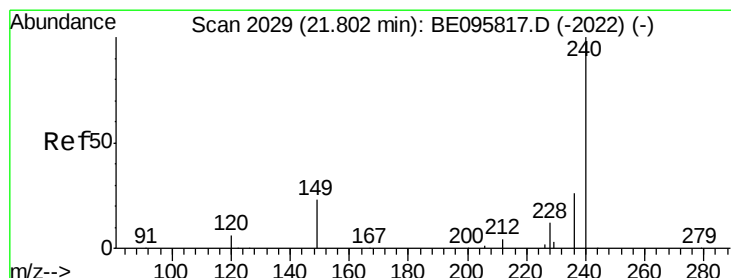
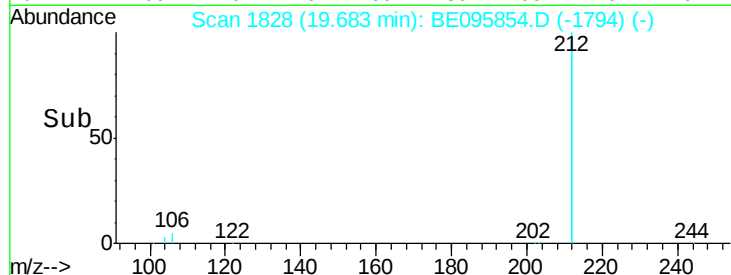
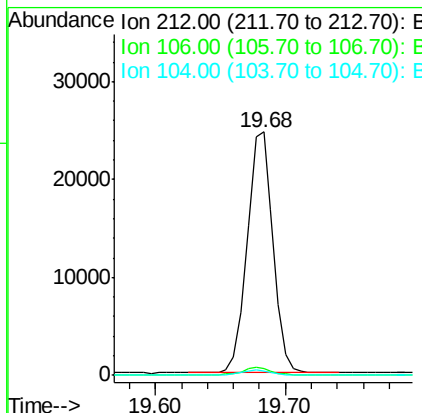
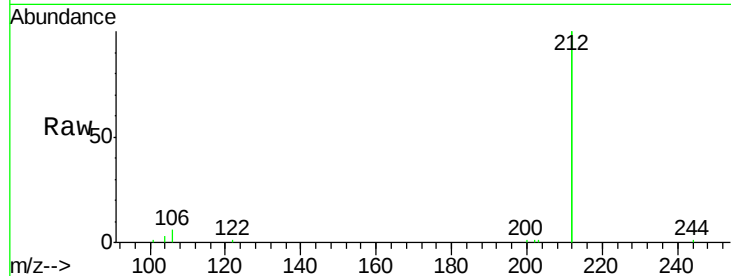
ClientSampleId :

PR-MW-02-031918

Tot Ion	Ratio	Resp	Lower	Upper
212	100	33843		
106	2.9		2.8	4.2
104	1.7		1.6	2.4

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM



#27

Chrysene-d12

Concen: 0.400 ng

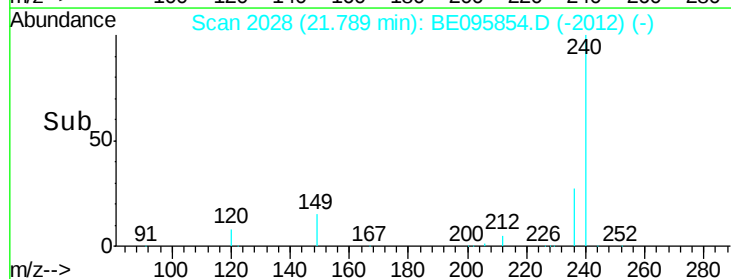
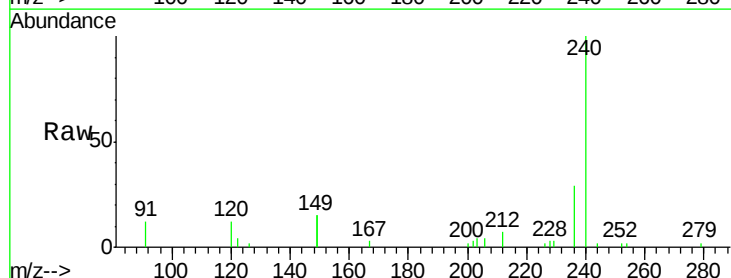
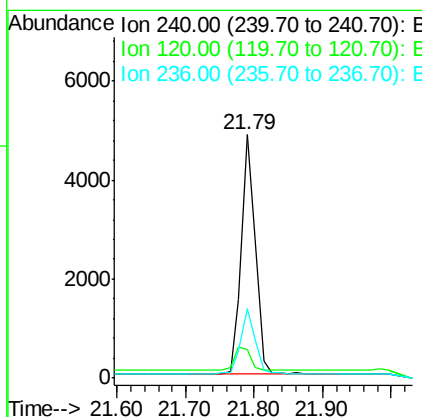
RT: 21.79 min Scan# 2028

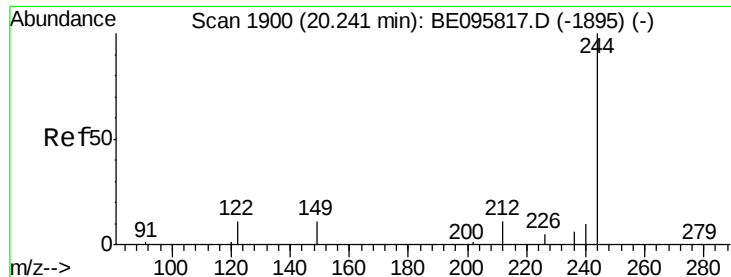
Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	6965		
120	11.6		5.5	8.3#
236	28.8		20.7	31.1





#29

Terphenyl-d14

Concen: 0.555 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

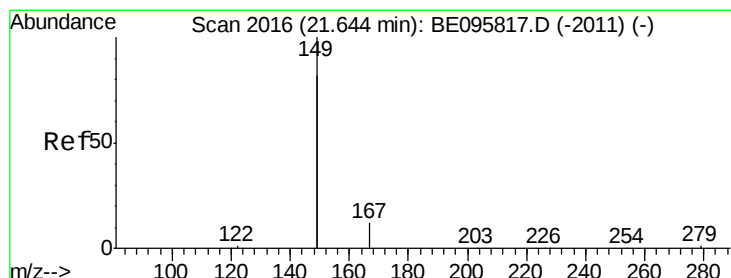
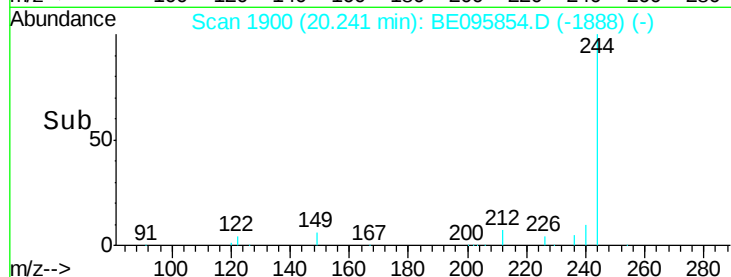
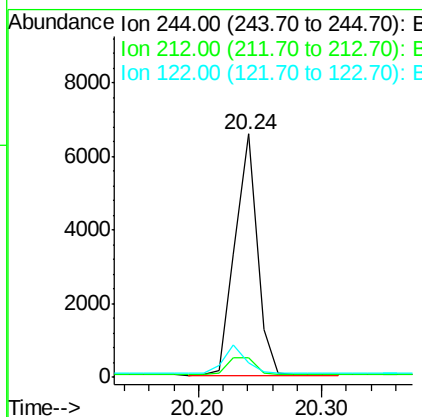
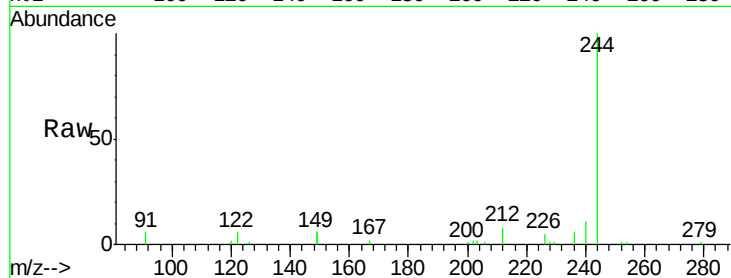
ClientSampleId :

PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	6.2	8.1	12.1#

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

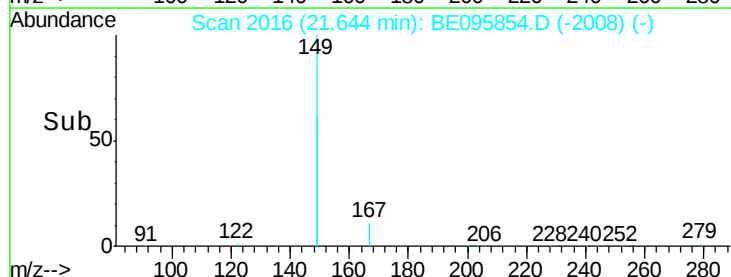
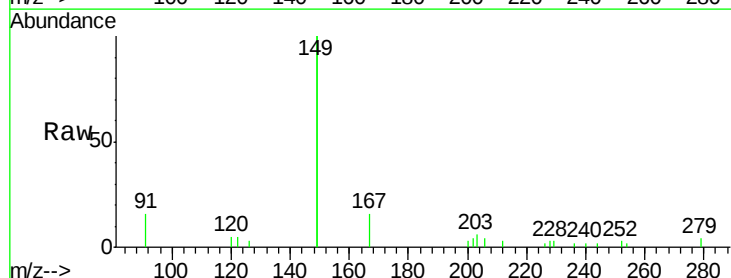
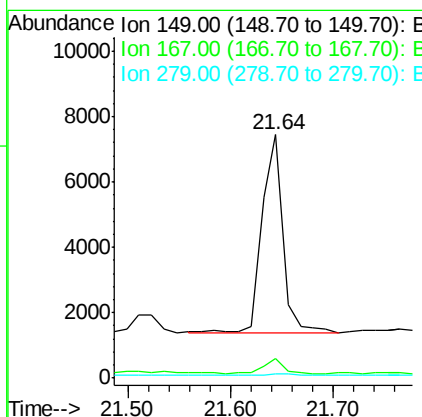
RT: 21.64 min Scan# 2016

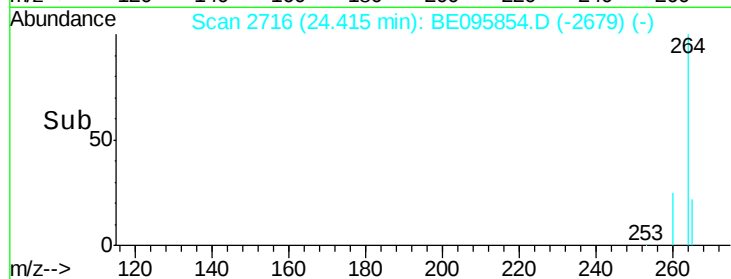
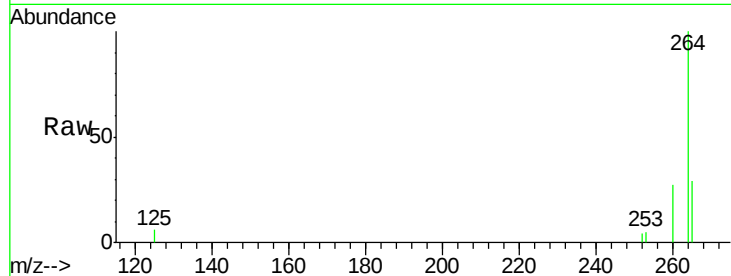
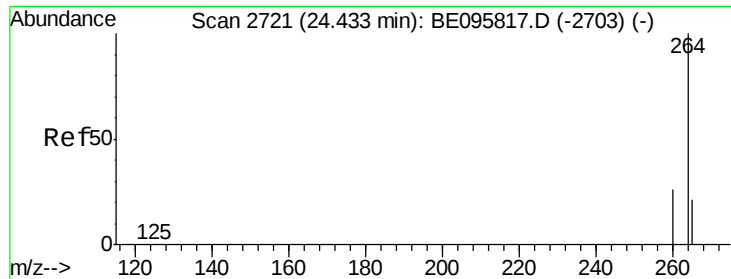
Delta R.T. -0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tot Ion:	264	Resp:	6961
Ion Ratio	Lower	Upper	
264	100		
260	26.8	20.5	30.7
265	29.5	22.8	34.2

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-031918

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:12 PM

