

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095978.D
 Acq On : 11 Apr 2018 19:33
 Operator : SJ/JU
 Sample : J2215-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RW-12D-20180328

Manual Integrations
 APPROVED

Sohil
 4/12/2018 9:48:23 AM

Quant Time: Apr 12 07:02:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1348	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5423	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	3218	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6647	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7010	0.40	ng	0.00
34) Perylene-d12	24.39	264	6760	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	777	0.19	ng	0.00
5) Phenol-d6	7.53	99	680	0.12	ng	0.00
8) Nitrobenzene-d5	9.57	82	3217	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3713	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	748	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	9454	0.69	ng	0.00
25) Fluoranthene-d10	19.66	212	40461	0.45	ng	0.00
29) Terphenyl-d14	20.23	244	8471	0.55	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.62	88	25174	12.090	ng	# 89
6) bis(2-Chloroethyl)ether	7.78	93	507	0.100	ng	# 58
9) Naphthalene	11.27	128	2436m	0.043	ng	
12) 2-Methylnaphthalene	12.84	142	347	0.037	ng	# 72
22) Pentachlorophenol	17.33	266	6322	3.620	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.63	149	6802	0.117	ng	# 94

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

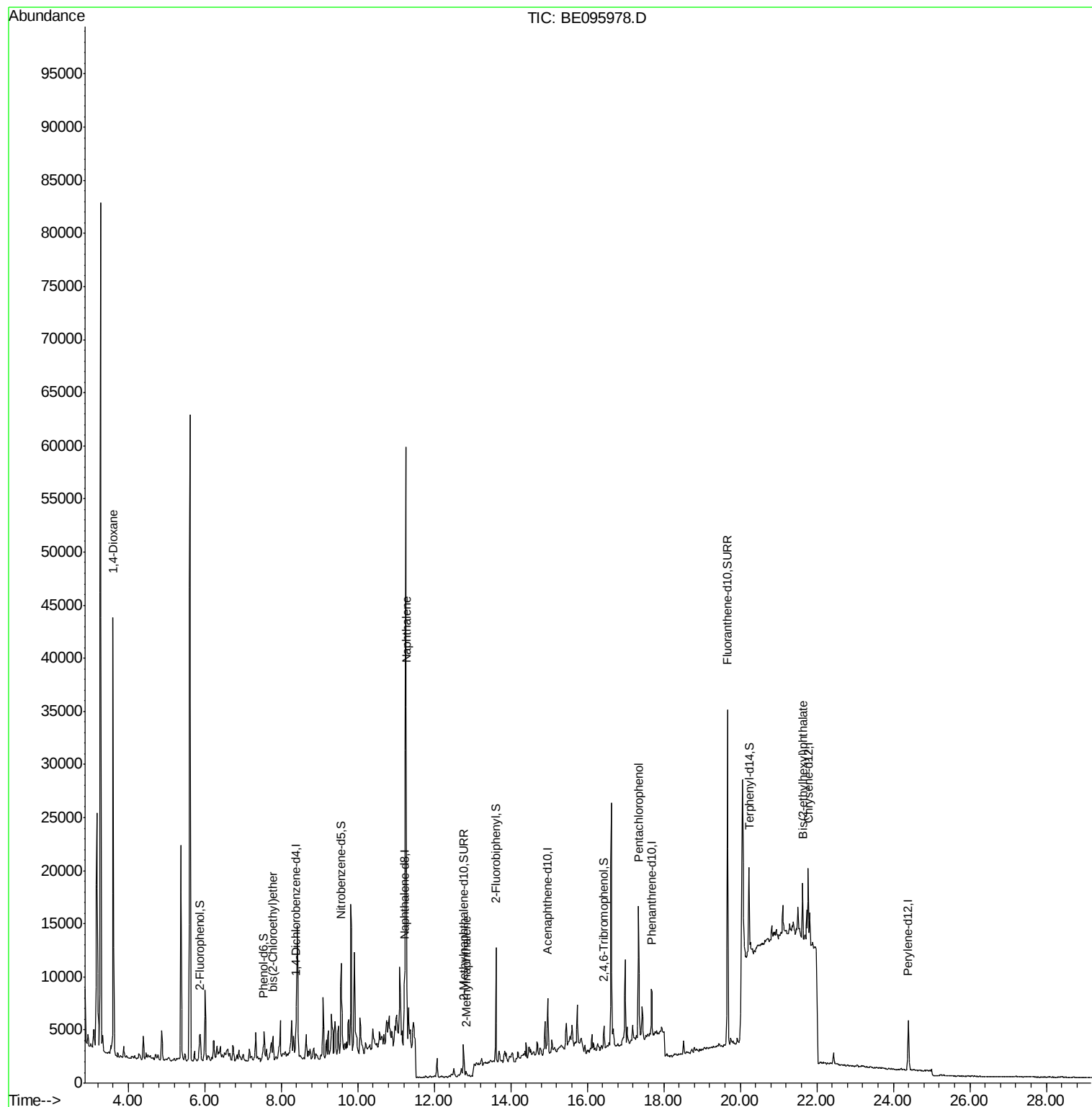
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095978.D
Acq On : 11 Apr 2018 19:33
Operator : SJ/JU
Sample : J2215-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RW-12D-20180328

Manual Integrations
APPROVED

Sohil
4/12/2018 9:48:23 AM

Quant Time: Apr 12 07:02:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 17:26:43 2018
Response via : Initial Calibration





#1

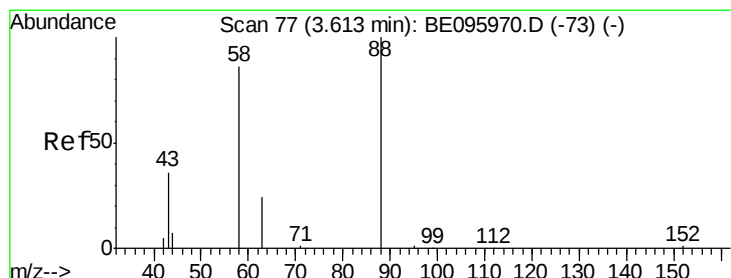
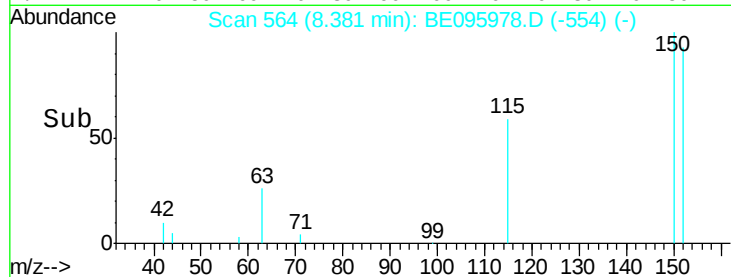
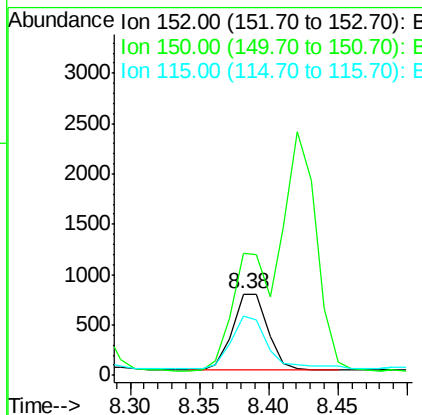
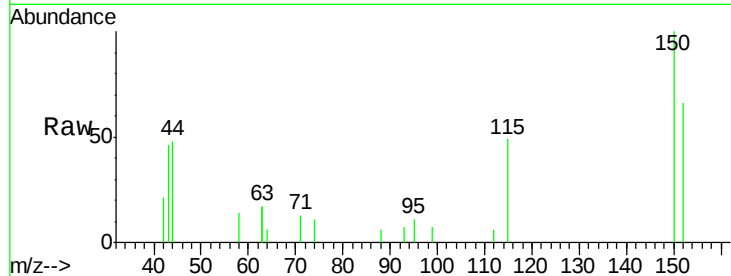
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.38 min Scan# 564
Delta R.T. -0.01 min
Lab File: BE095978.D
Acq: 11 Apr 2018 19:33

Instrument :
BNA_E
ClientSampleId :
RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	117.2	175.8
115	73.3	57.0	85.6

Manual Integrations
APPROVED

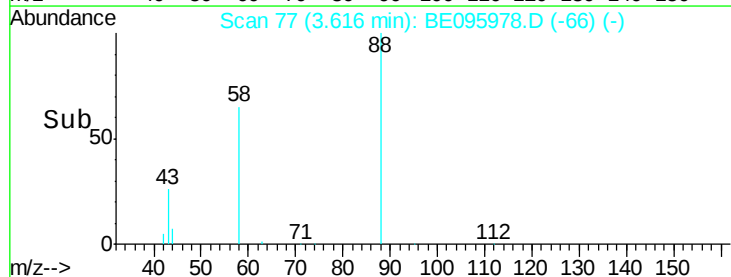
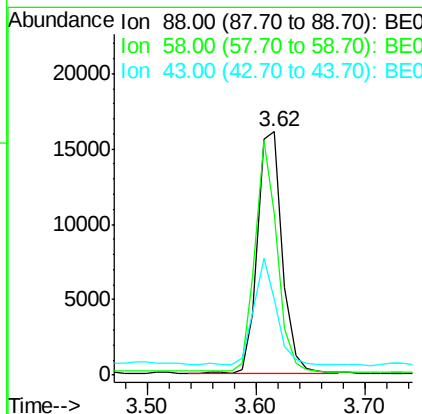
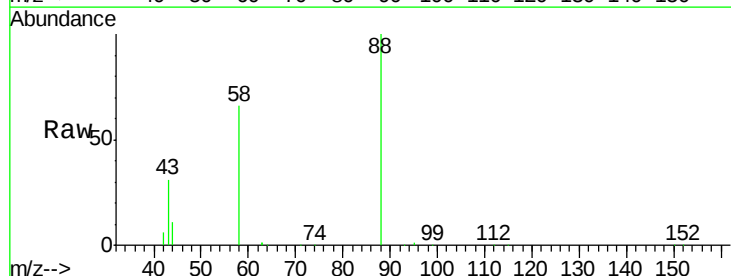
Sohil
4/12/2018 9:48:23 AM

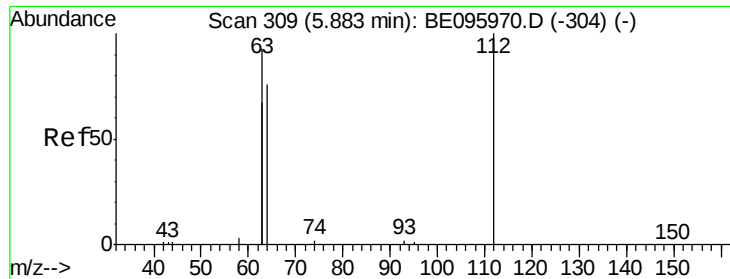


#2

1,4-Dioxane
Concen: 12.090 ng
RT: 3.62 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095978.D
Acq: 11 Apr 2018 19:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	63.2	94.8
43	39.6	41.2	61.8





#4

2-Fluorophenol

Concen: 0.186 ng

RT: 5.89 min Scan# 309

Delta R.T. 0.00 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Instrument :

BNA_E

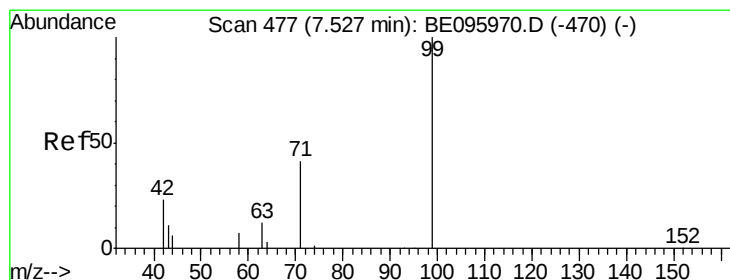
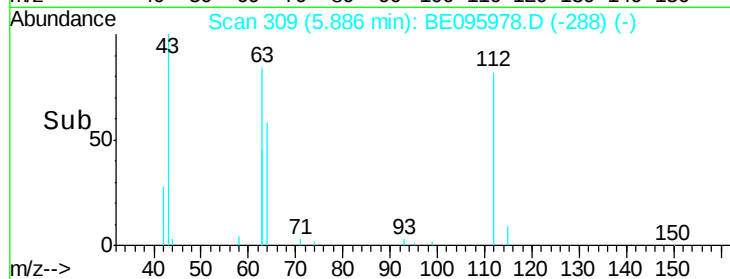
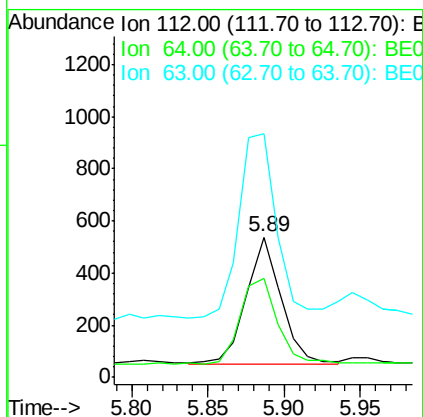
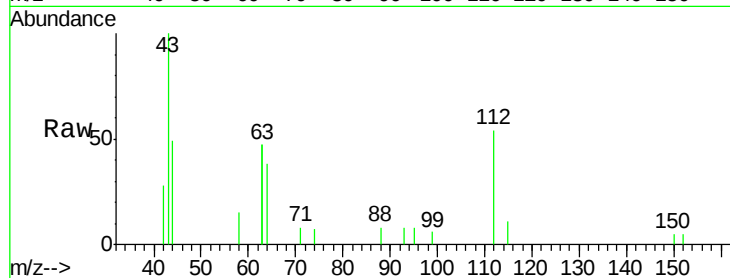
ClientSampleId :

RW-12D-20180328

Tot Ion:	112	Resp:	777
Ion	Ratio	Lower	Upper
112	100		
64	74.0	60.1	90.1
63	156.4	116.8	175.2

Manual Integrations
APPROVED

Sohil
4/12/2018 9:48:23 AM



#5

Phenol-d6

Concen: 0.118 ng

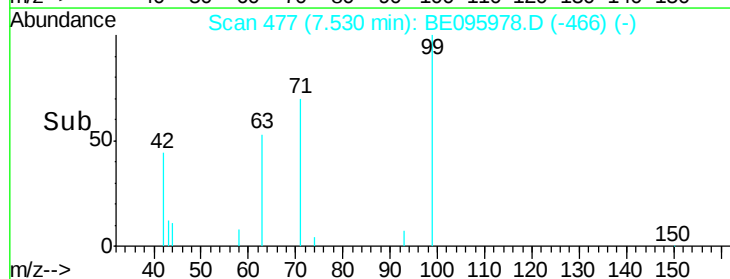
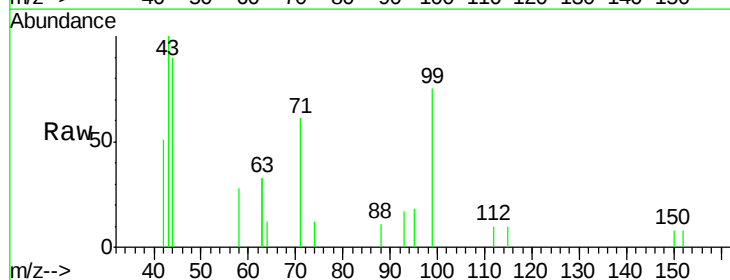
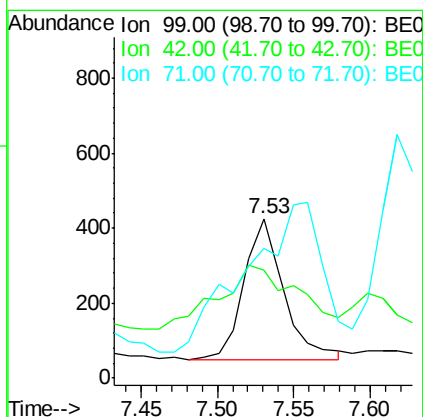
RT: 7.53 min Scan# 477

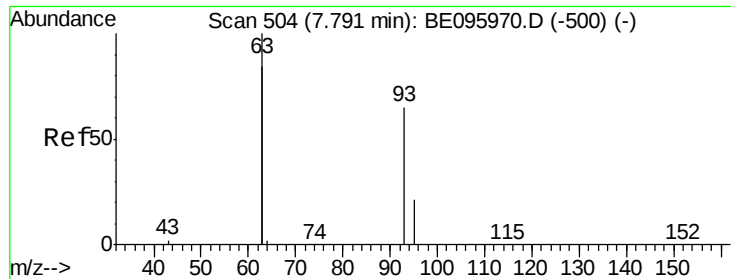
Delta R.T. 0.00 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Tgt Ion:	99	Resp:	680
Ion	Ratio	Lower	Upper
99	100		
42	88.2	20.2	30.2#
71	0.0	28.4	42.6#





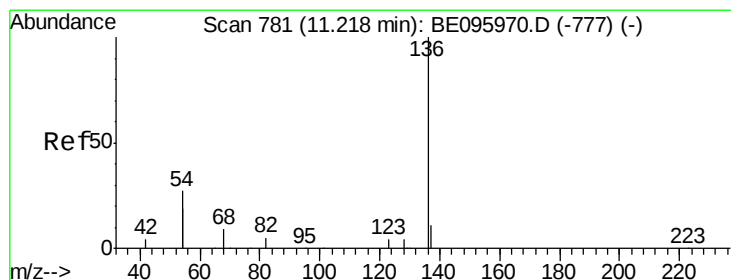
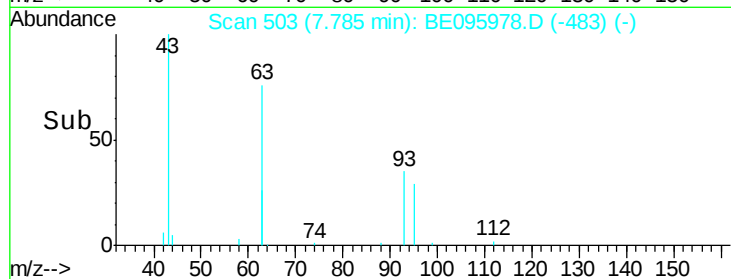
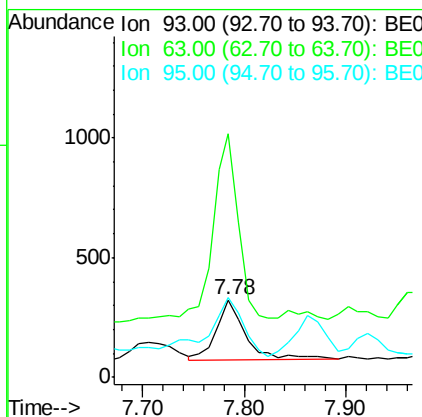
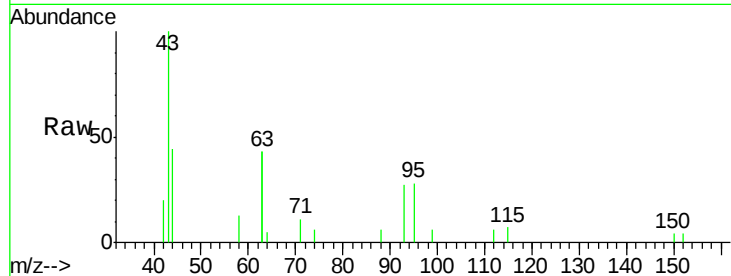
#6
 bis(2-Chloroethyl)ether
 Concen: 0.100 ng
 RT: 7.78 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BE095978.D
 Acq: 11 Apr 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :
 RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
93	100		
63	281.5	275.3	412.9
95	133.1	25.2	37.8#

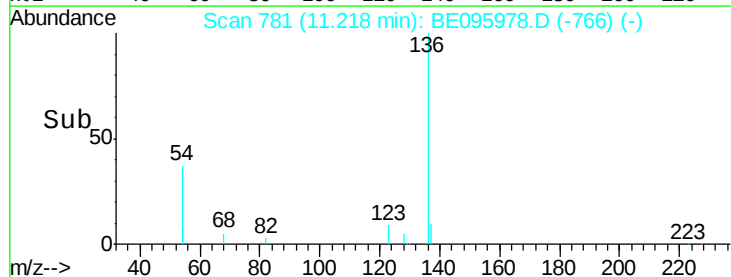
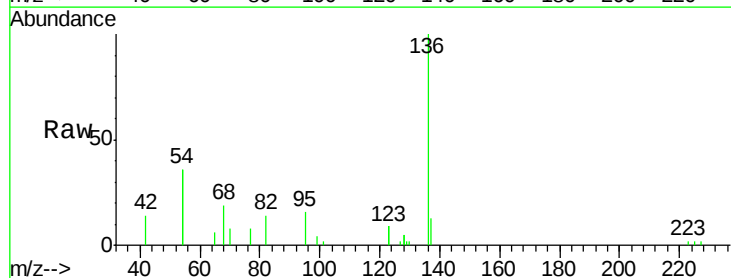
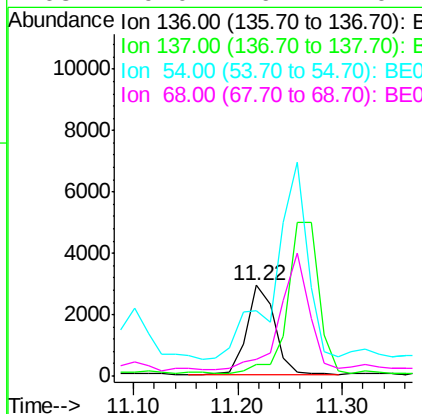
Manual Integrations
 APPROVED

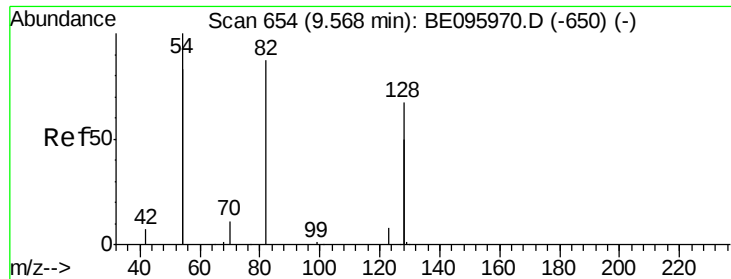
Sohil
 4/12/2018 9:48:23 AM



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 11.22 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BE095978.D
 Acq: 11 Apr 2018 19:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	72.3	29.1	43.7#
68	19.0	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.506 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Instrument :

BNA_E

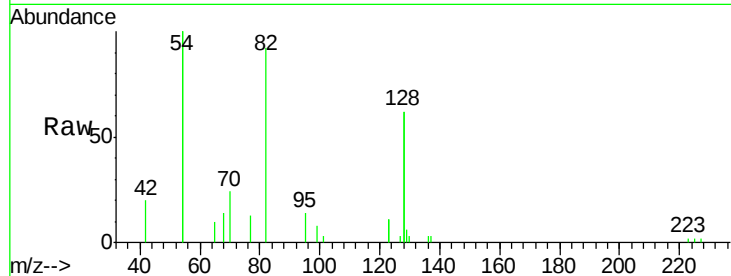
ClientSampleId :

RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
82	100		
128	135.0	150.0	225.0#
54	216.4	154.2	231.4

Manual Integrations
APPROVED

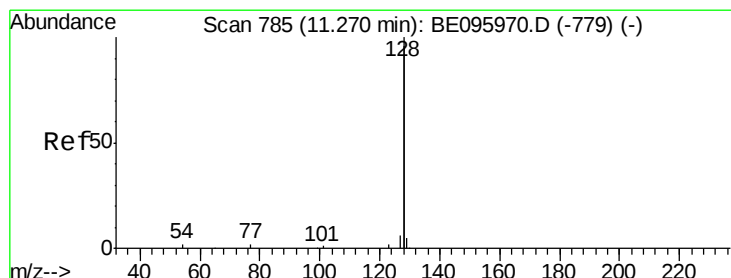
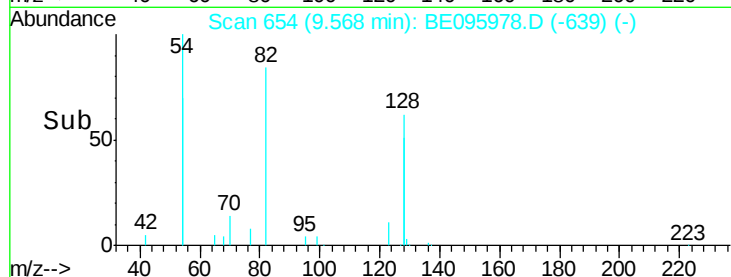
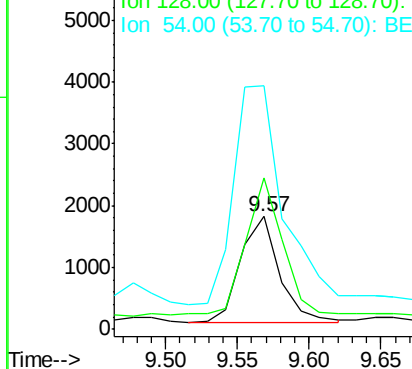
Sohil
4/12/2018 9:48:23 AM



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



#9

Naphthalene

Concen: 0.043 ng m

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095978.D

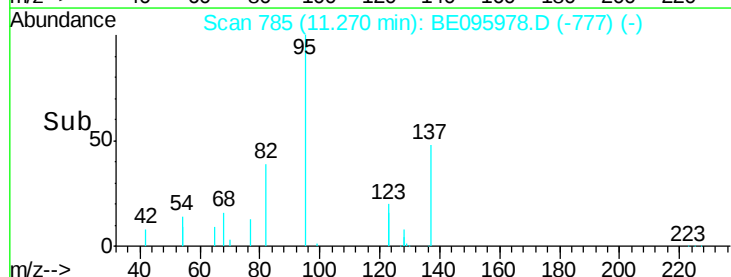
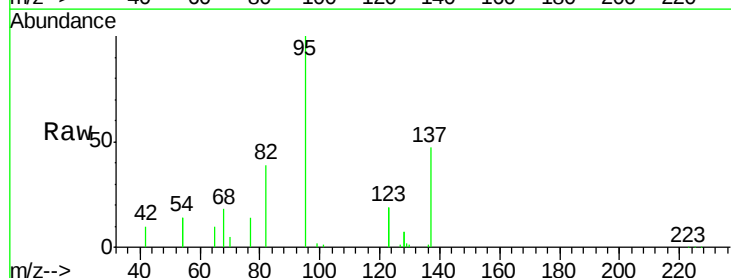
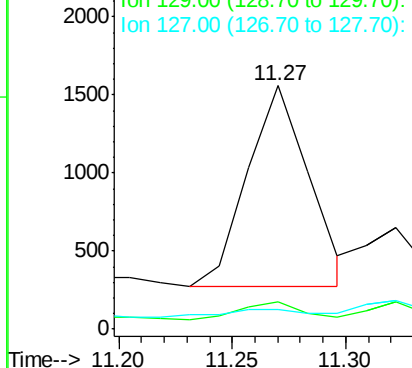
Acq: 11 Apr 2018 19:33

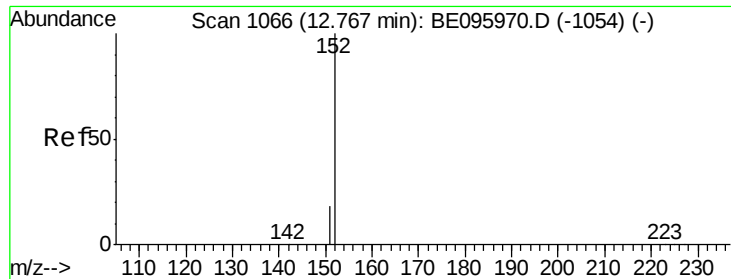
Tgt Ion	Ratio	Lower	Upper
128	100		
129	22.6	2.6	3.8#
127	15.8	2.8	4.2#

Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





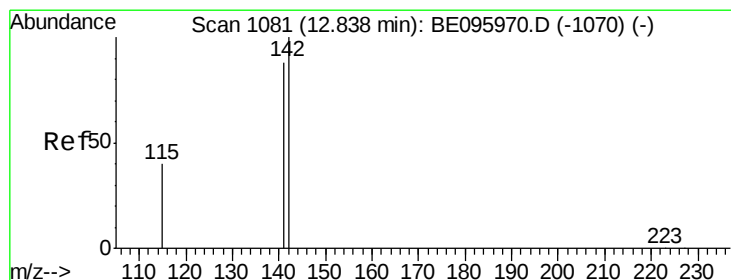
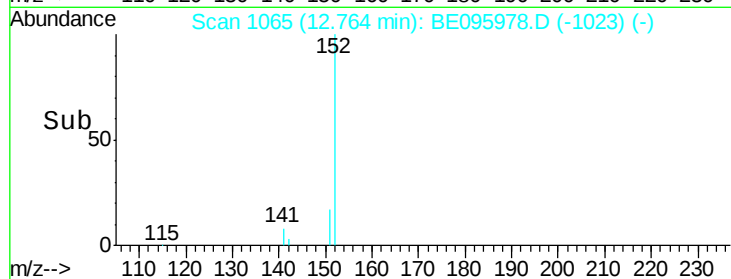
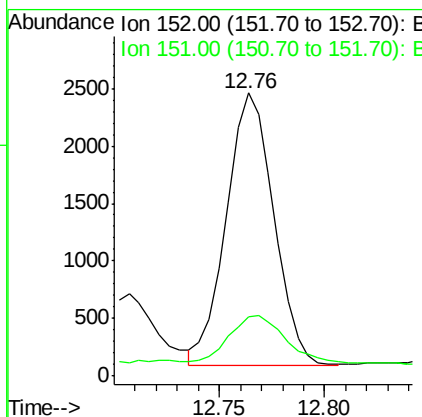
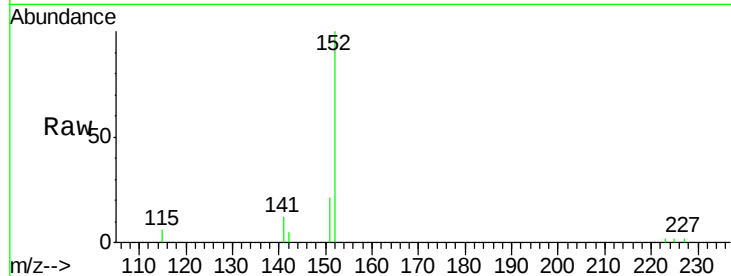
#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BE095978.D
 Acq: 11 Apr 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :
 RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.4	23.0

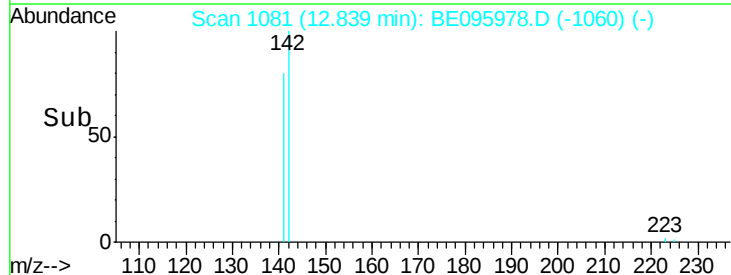
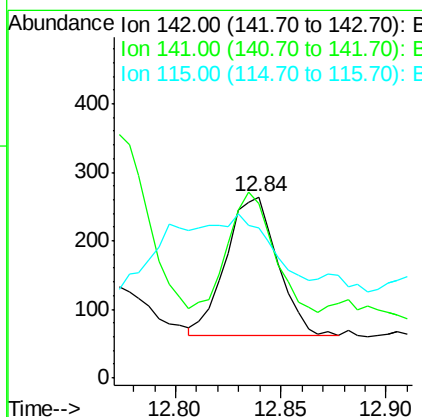
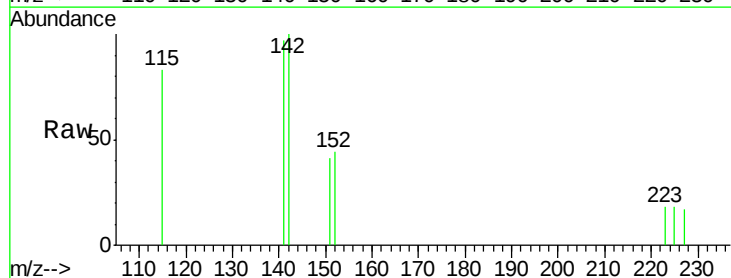
Manual Integrations
 APPROVED

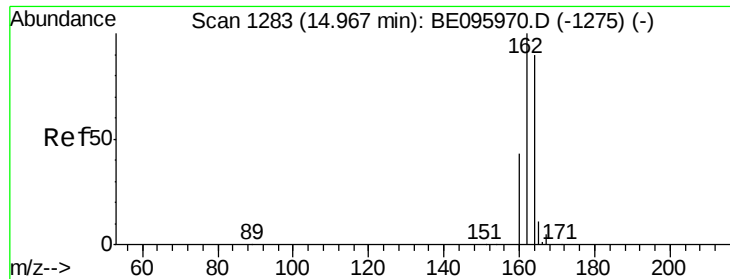
Sohil
 4/12/2018 9:48:23 AM



#12
 2-Methylnaphthalene
 Concen: 0.037 ng
 RT: 12.84 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BE095978.D
 Acq: 11 Apr 2018 19:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	70.4	105.6
115	83.0	31.7	47.5#





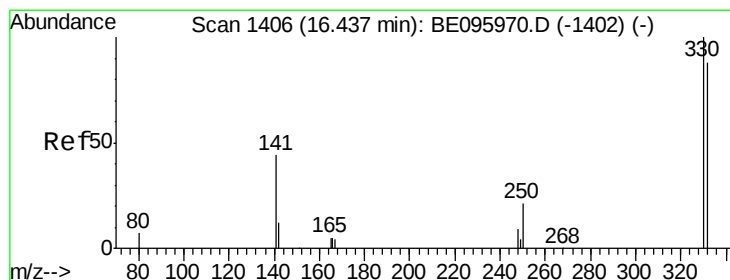
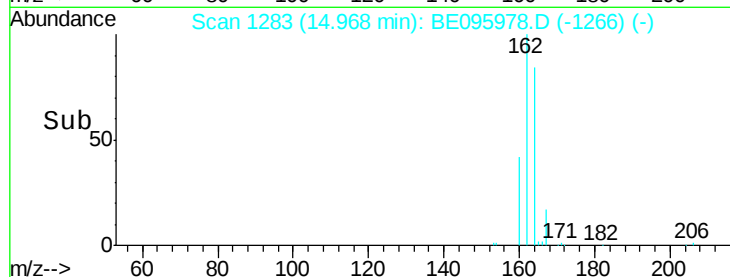
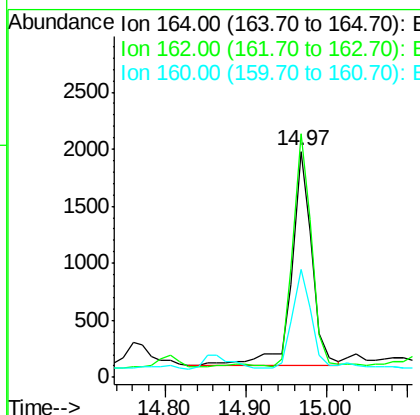
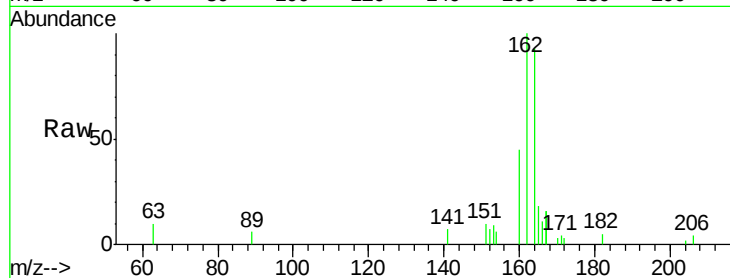
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095978.D
Acq: 11 Apr 2018 19:33

Instrument :
BNA_E
ClientSampleId :
RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.6	83.1	124.7
160	47.9	37.1	55.7

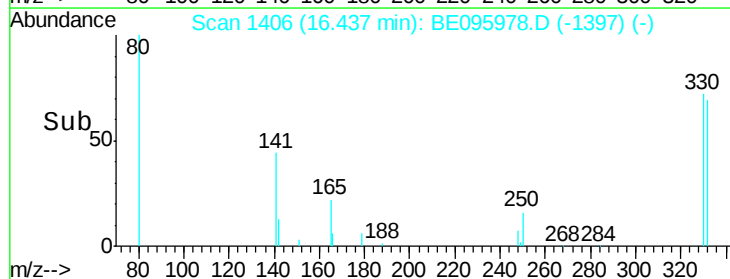
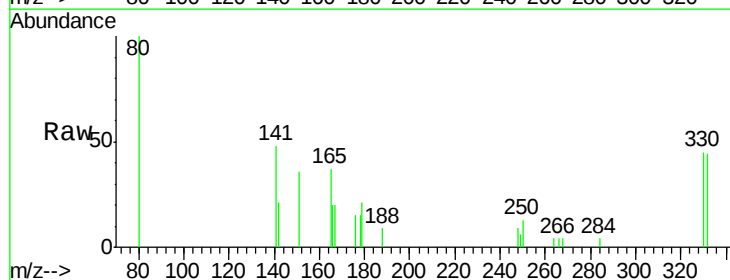
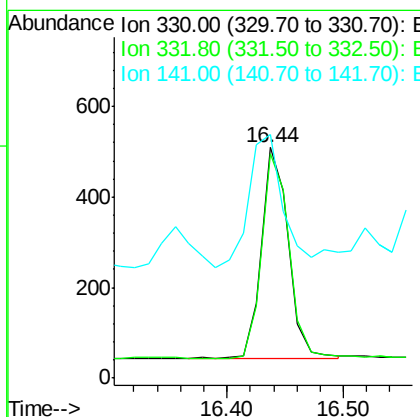
Manual Integrations
APPROVED

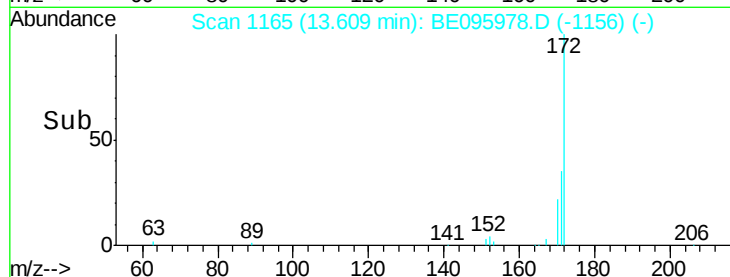
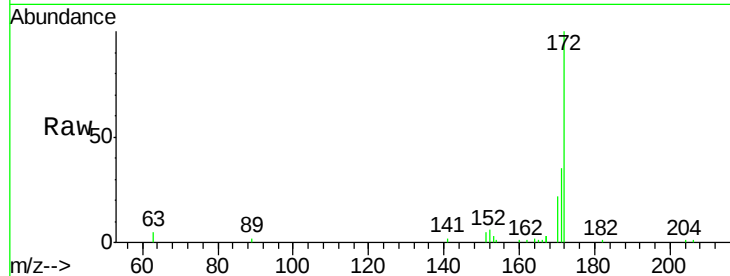
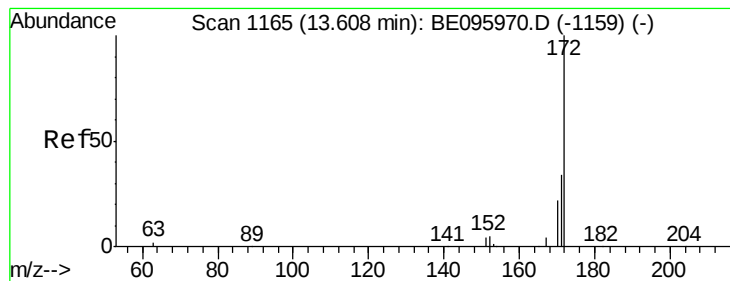
Sohil
4/12/2018 9:48:23 AM



#14
2,4,6-Tribromophenol
Concen: 0.481 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE095978.D
Acq: 11 Apr 2018 19:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	152.7	229.1#
141	80.6	33.7	50.5#





#15

2-Fluorobiphenyl

Concen: 0.687 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Instrument :

BNA_E

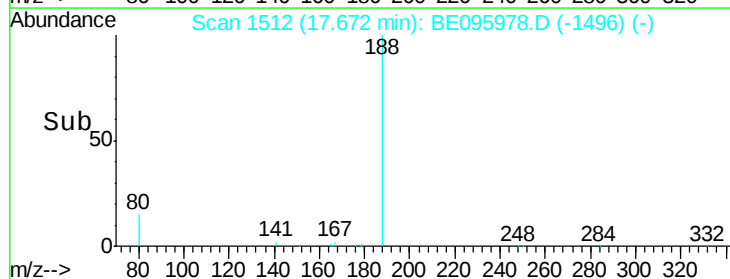
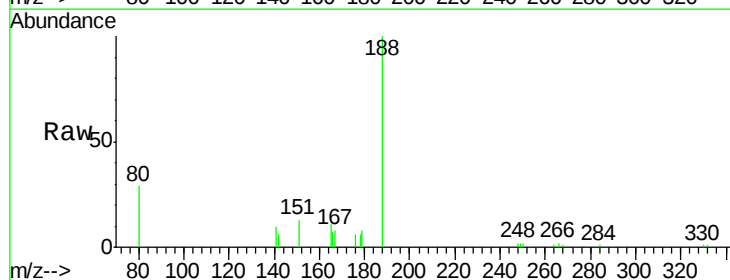
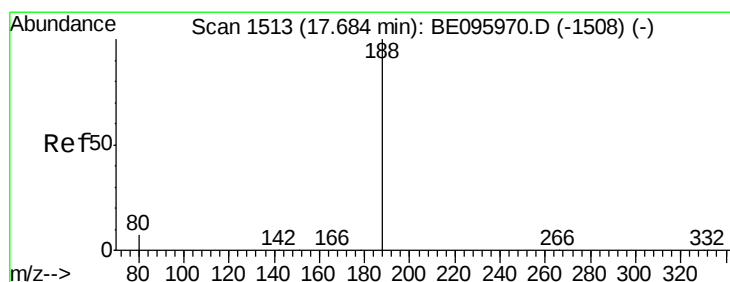
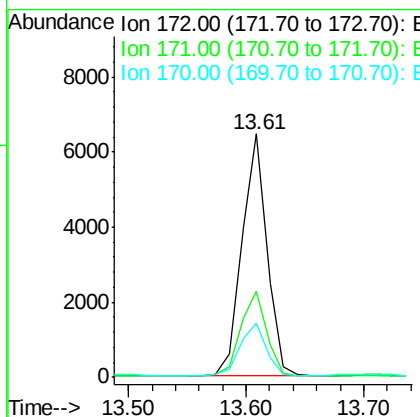
ClientSampleId :

RW-12D-20180328

Tot Ion:	172	Resp:	9454
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.9	44.9
170	22.4	21.8	32.8

Manual Integrations
APPROVED

Sohil
4/12/2018 9:48:23 AM



#19

Phenanthrene-d10

Concen: 0.400 ng

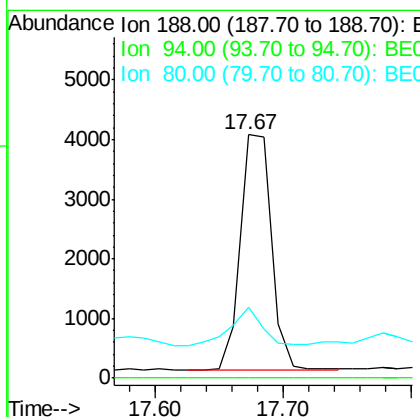
RT: 17.67 min Scan# 1512

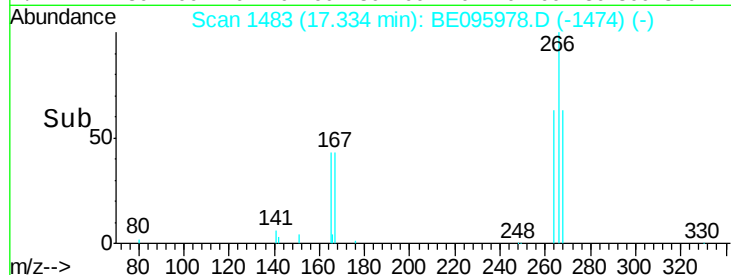
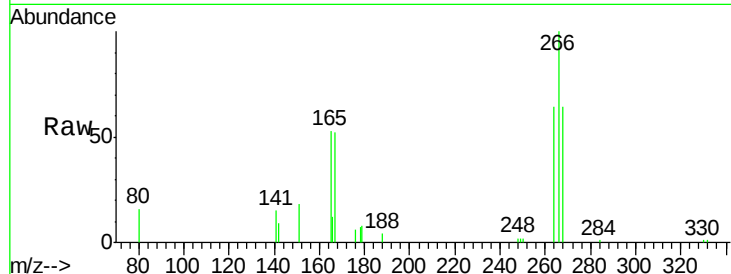
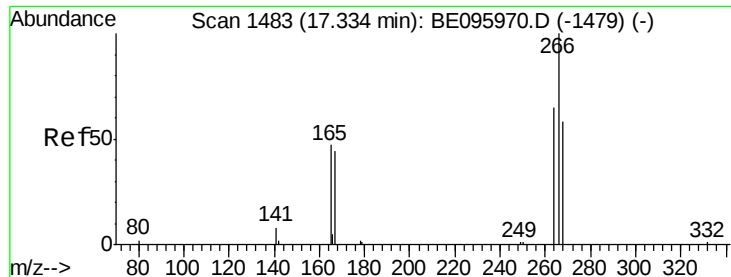
Delta R.T. -0.01 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Tgt Ion:	188	Resp:	6647
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	29.2	3.6	5.4#





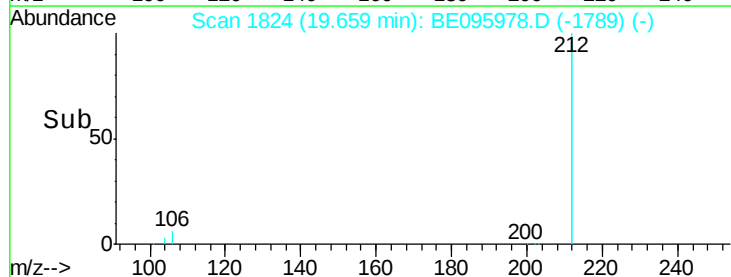
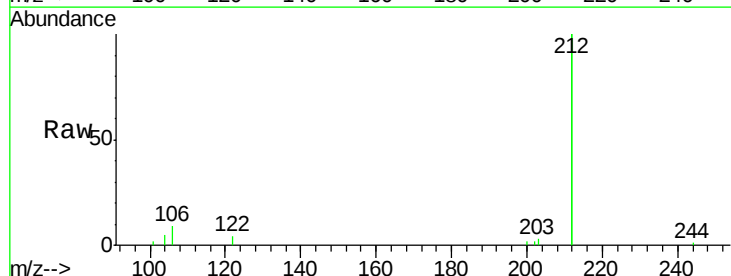
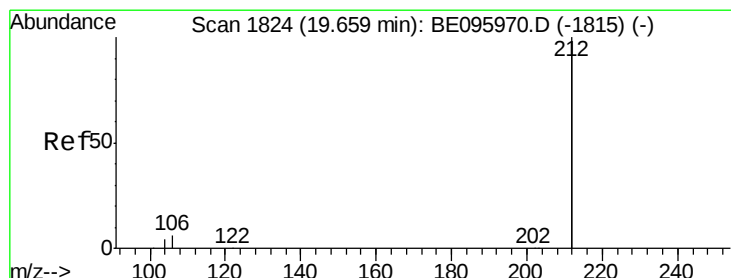
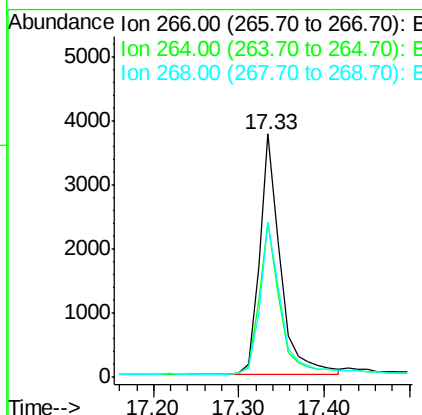
#22
 Pentachlorophenol
 Concen: 3.620 ng
 RT: 17.33 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE095978.D
 Acq: 11 Apr 2018 19:33

Instrument :
 BNA_E
 ClientSampleId :
 RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.6	72.5	108.7#
268	63.7	73.8	110.6#

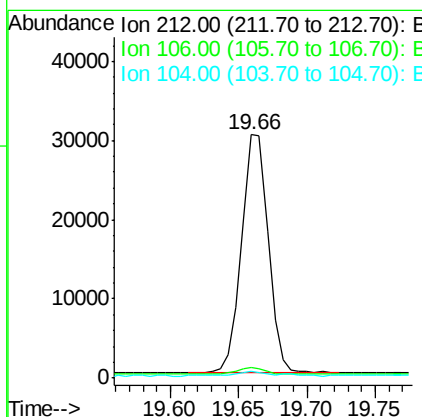
Manual Integrations
 APPROVED

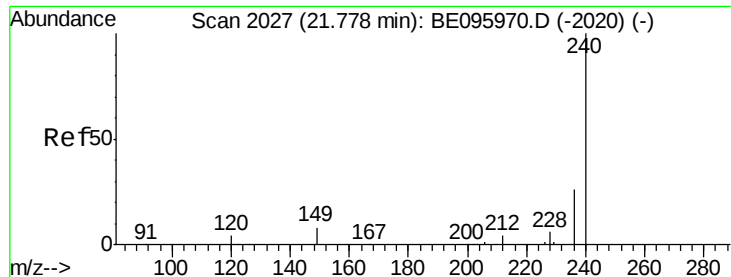
Sohil
 4/12/2018 9:48:23 AM



#25
 Fluoranthene-d10
 Concen: 0.448 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BE095978.D
 Acq: 11 Apr 2018 19:33

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Instrument :

BNA_E

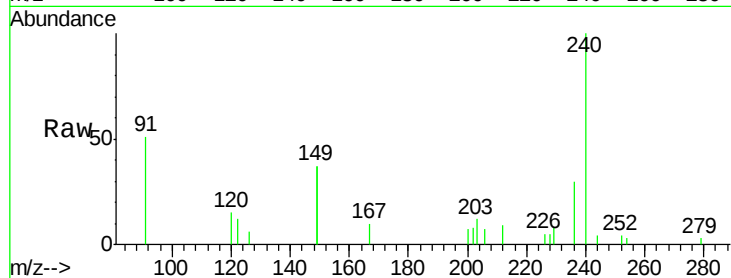
ClientSampleID :

RW-12D-20180328

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.5	8.3#
236	29.6	20.7	31.1

Manual Integrations
APPROVED

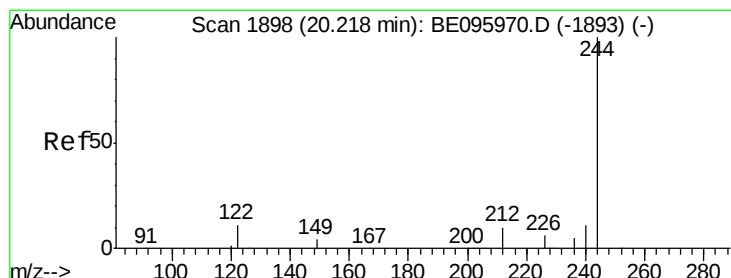
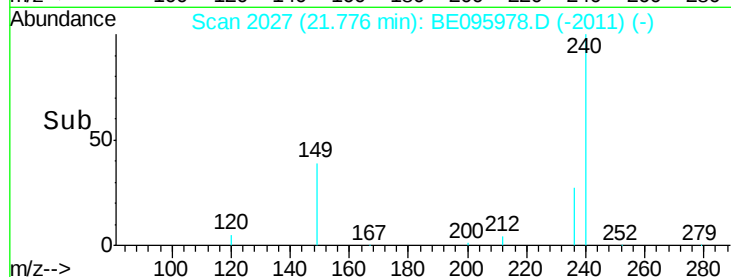
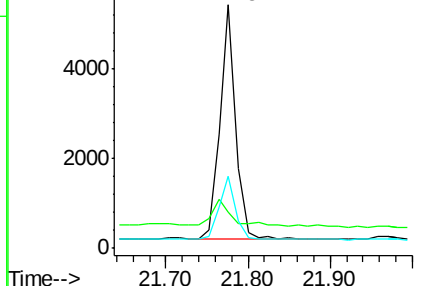
Sohil
4/12/2018 9:48:23 AM



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: 0.547 ng

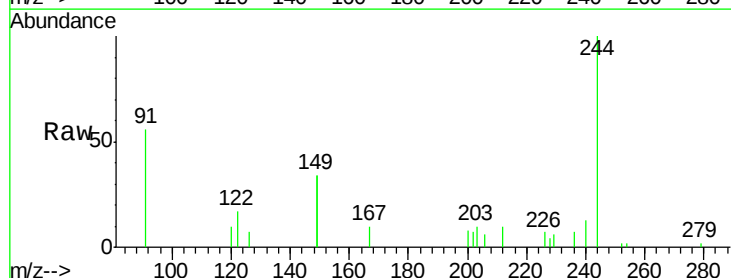
RT: 20.23 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

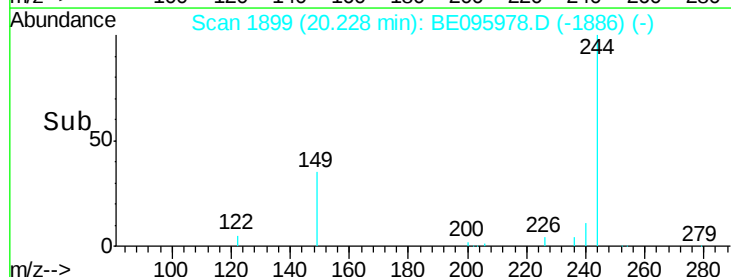
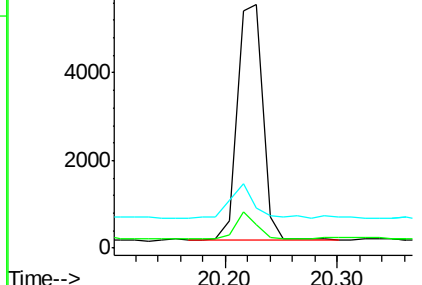
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	25.4	38.0#
122	16.6	8.1	12.1#

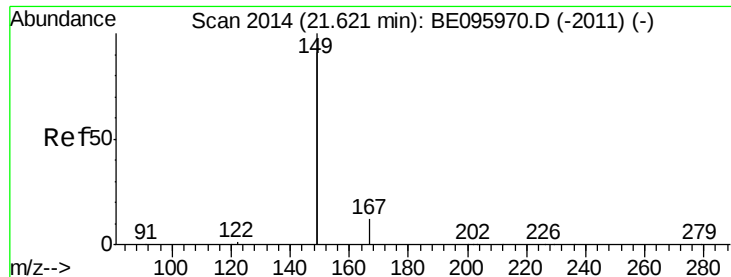


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.117 ng

RT: 21.63 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Instrument :

BNA_E

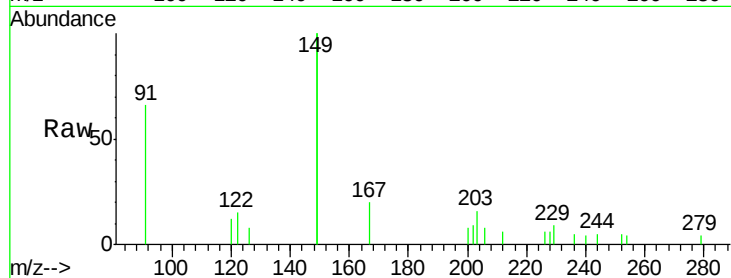
ClientSampleId :

RW-12D-20180328

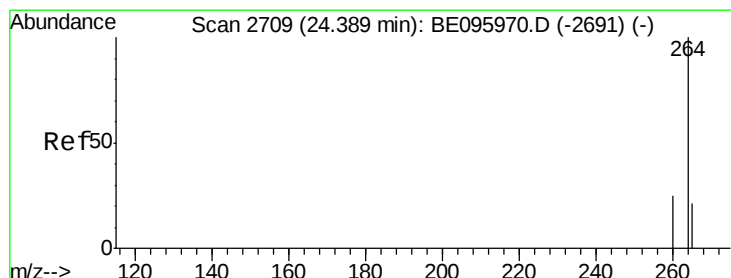
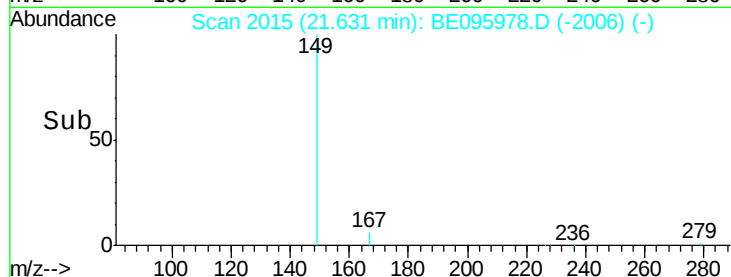
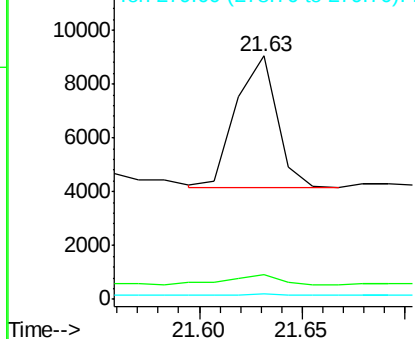
Tot Ion:	149	Resp:	6802
Ion Ratio	Lower	Upper	
149	100		
167	9.0	5.4	8.0#
279	1.3	0.7	1.1#

Manual Integrations
APPROVED

Sohil
4/12/2018 9:48:23 AM



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

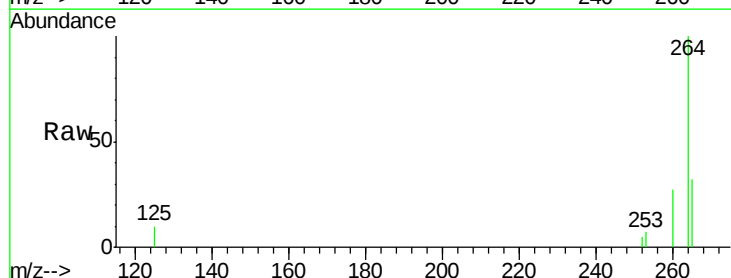
RT: 24.39 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095978.D

Acq: 11 Apr 2018 19:33

Tgt Ion:	264	Resp:	6760
Ion Ratio	Lower	Upper	
264	100		
260	27.1	20.5	30.7
265	31.5	22.8	34.2



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

