

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100012.D
 Acq On : 14 Jun 2019 8:03
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:51:16 PM

Quant Time: Jun 15 00:58:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	788	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2852	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2048	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6072	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7914	0.40	ng	0.00
34) Perylene-d12	23.93	264	8986	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	795	0.37	ng	0.00
5) Phenol-d6	6.96	99	1025	0.37	ng	0.00
8) Nitrobenzene-d5	8.97	82	1046	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2071	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	390	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3345	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	32397	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	6092	0.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	457	0.392	ng	96
3) n-Nitrosodimethylamine	3.63	42	160m	0.238	ng	
6) bis(2-Chloroethyl)ether	7.23	93	887	0.396	ng	# 74
9) Naphthalene	10.64	128	12785	0.415	ng	99
10) Hexachlorobutadiene	10.91	225	1095	0.466	ng	98
12) 2-Methylnaphthalene	12.28	142	2033	0.406	ng	99
16) Acenaphthylene	14.18	152	4196	0.412	ng	98
17) Acenaphthene	14.53	154	2271	0.409	ng	98
18) Fluorene	15.51	166	3301	0.396	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1473	0.428	ng	96
21) Hexachlorobenzene	16.52	284	1517	0.431	ng	98
22) Pentachlorophenol	16.91	266	252	0.449	ng	96
23) Phenanthrene	17.25	178	5985	0.406	ng	100
24) Anthracene	17.35	178	4974	0.368	ng	98
26) Fluoranthene	19.28	202	9397	0.375	ng	99
28) Pyrene	19.64	202	9610	0.462	ng	100
30) Benzo(a)anthracene	21.39	228	9856	0.417	ng	98
31) Chrysene	21.44	228	11346	0.464	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	11156	0.329	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	12146	0.419	ng	# 94
35) Benzo(b)fluoranthene	23.15	252	10085	0.400	ng	99
36) Benzo(k)fluoranthene	23.20	252	11371	0.432	ng	99
37) Benzo(a)pyrene	23.82	252	10239	0.413	ng	# 98
38) Dibenzo(a,h)anthracene	26.64	278	9246	0.370	ng	97
39) Benzo(g,h,i)perylene	27.44	276	10545	0.409	ng	97

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

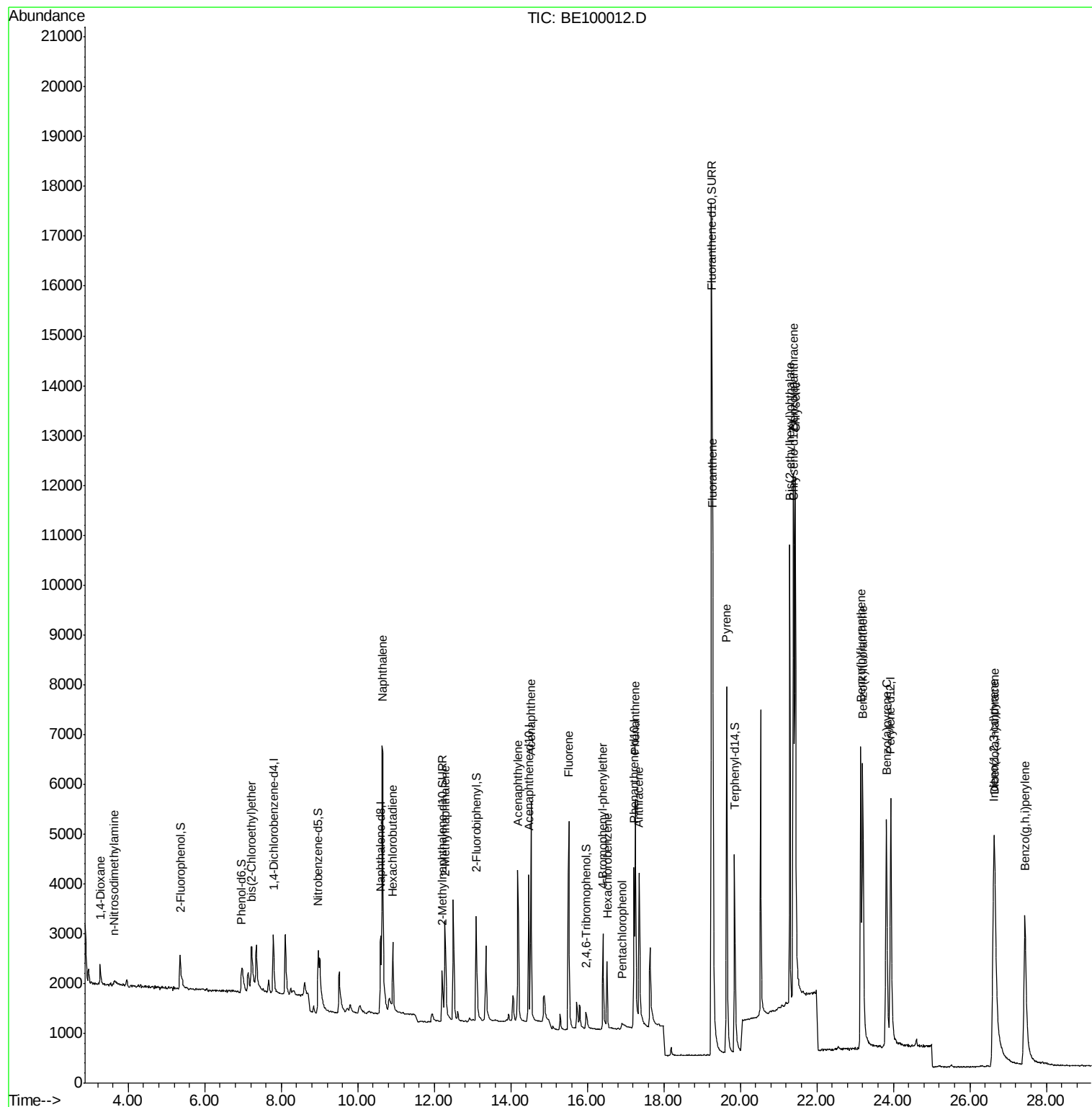
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100012.D
Acq On : 14 Jun 2019 8:03
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM

Quant Time: Jun 15 00:58:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

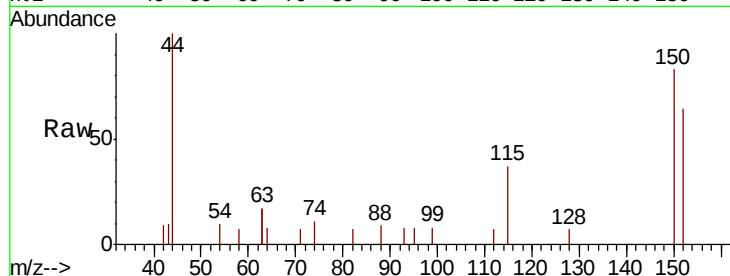
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.1	111.0	166.6
115	57.4	50.7	76.1

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM

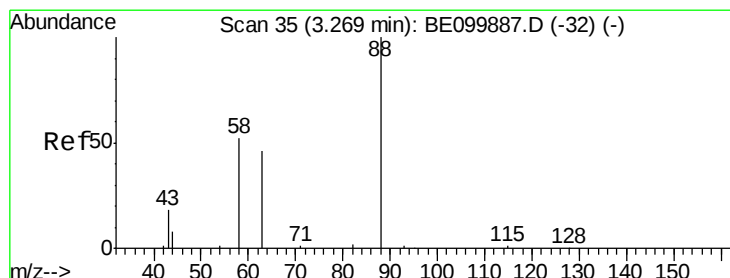
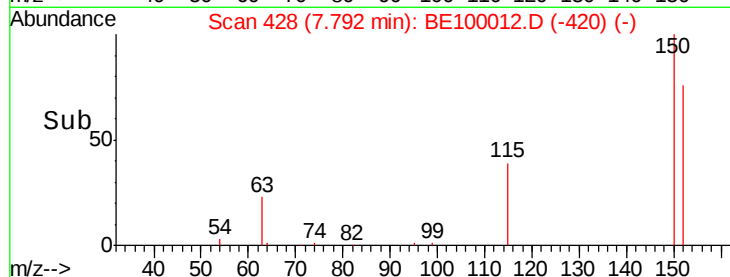
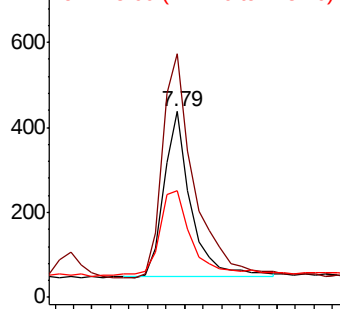


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

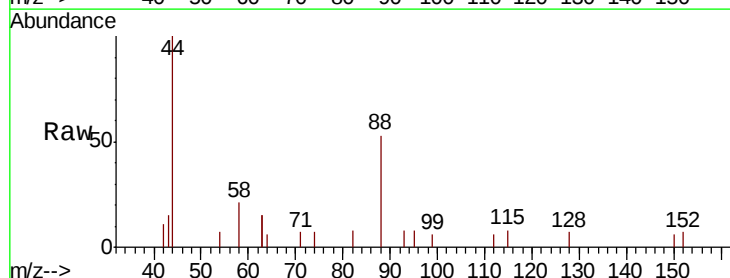
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.392 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.1	48.8	73.2
43	24.5	19.0	28.6

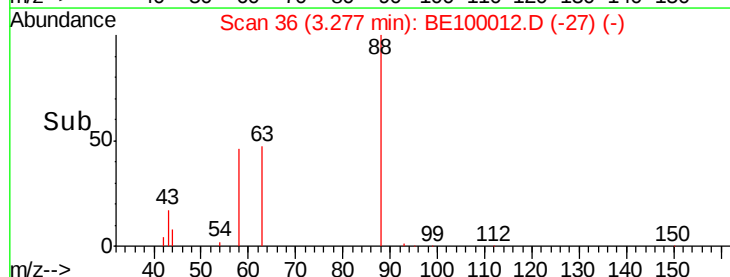
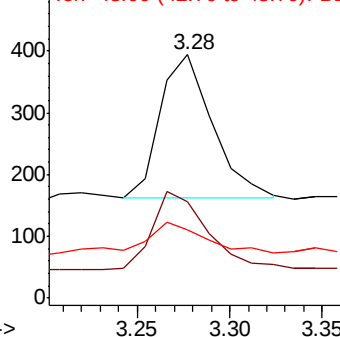


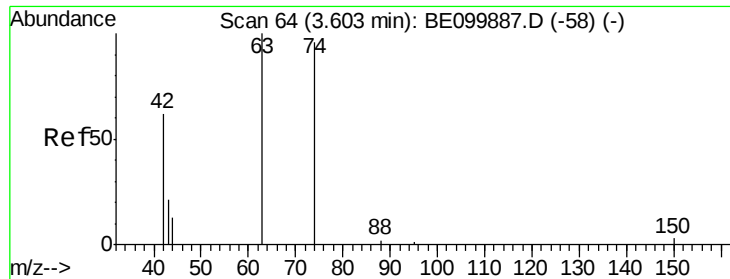
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.238 ng/ml

RT: 3.63 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Instrument :

BNA_E

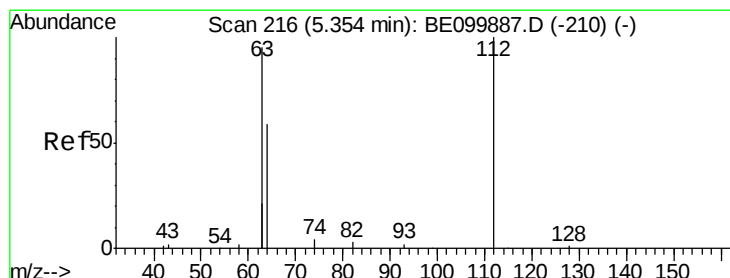
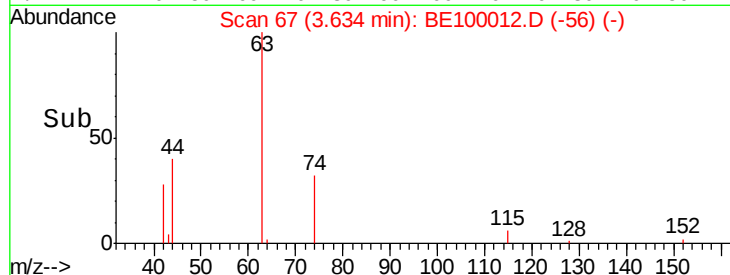
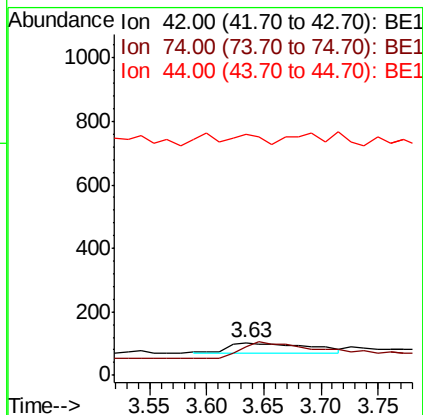
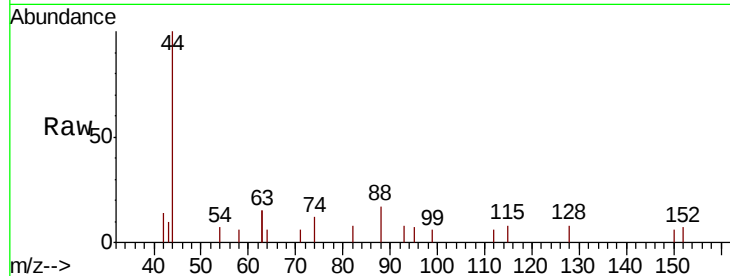
ClientSampleId :

SSTDCCC0.4

Tot Ion:	42	Resp:	160
Ion	Ratio	Lower	Upper
42	100		
74	66.3	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#4

2-Fluorophenol

Concen: 0.374 ng/ml

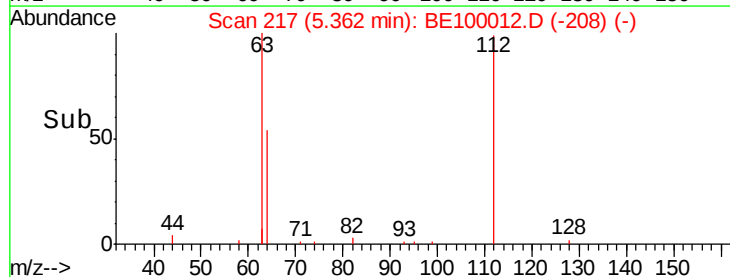
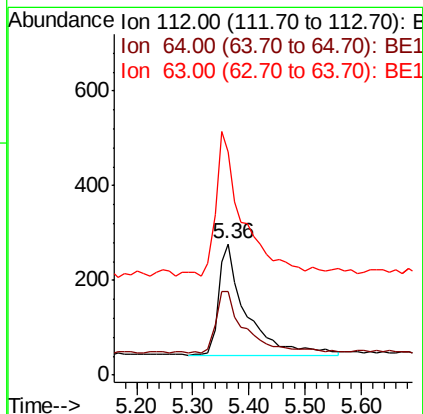
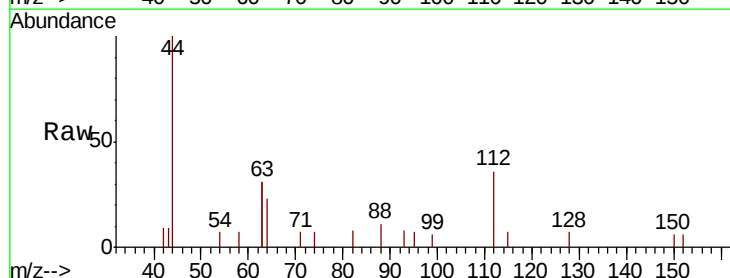
RT: 5.36 min Scan# 217

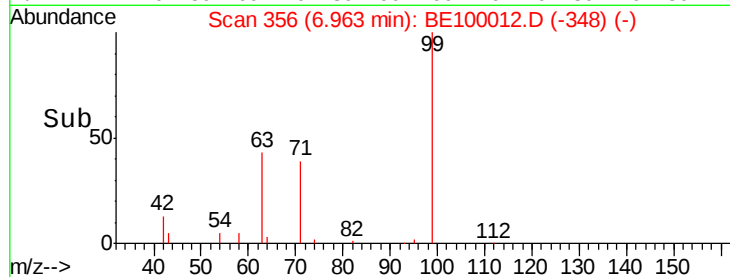
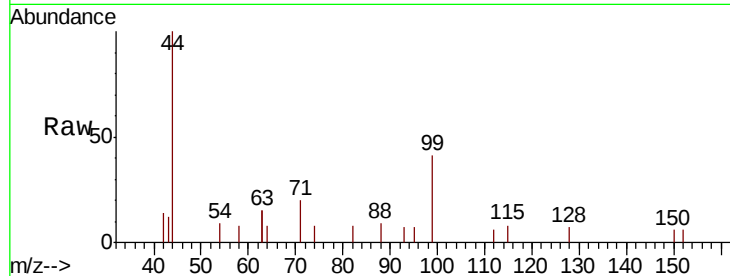
Delta R.T. 0.01 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tgt Ion:	112	Resp:	795
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	126.9	87.8	131.6





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tot Ion:	99	Resp:	1025
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.9	23.9
71	41.4	34.6	52.0

Instrument :

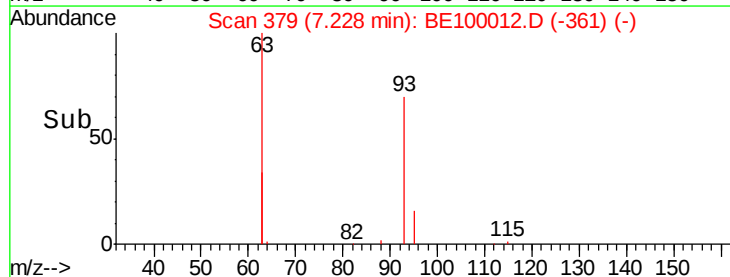
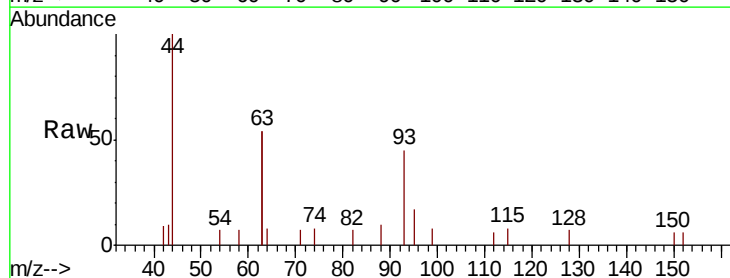
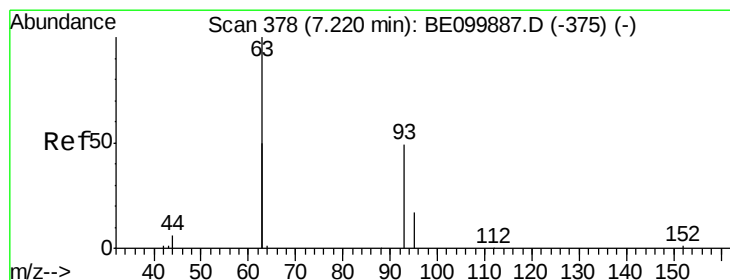
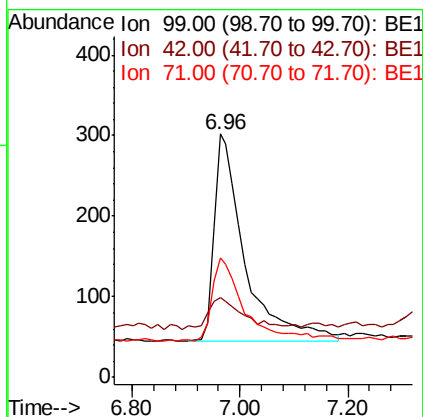
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

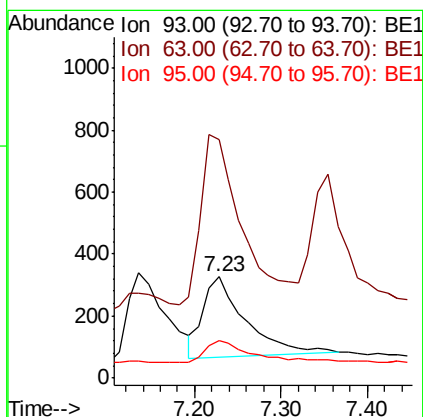
RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tgt Ion:	93	Resp:	887
Ion Ratio	Lower	Upper	
93	100		
63	202.3	202.8	304.2#
95	30.1	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Instrument :

BNA_E

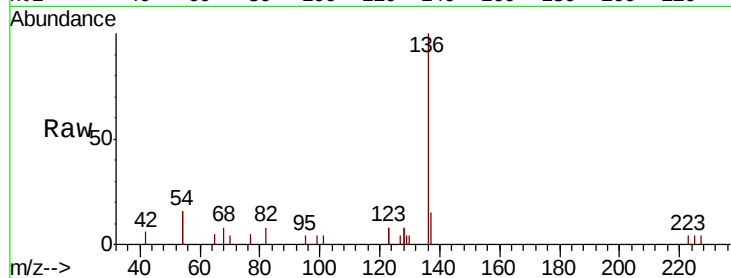
ClientSampleId :

SSTDCCC0.4

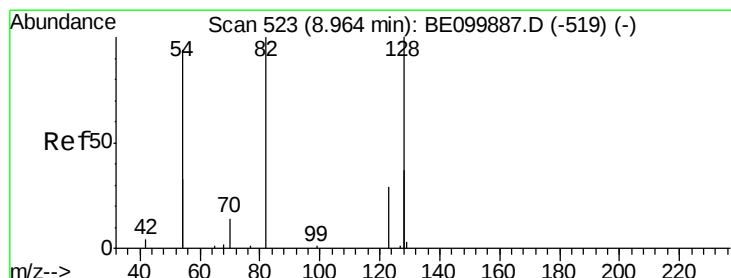
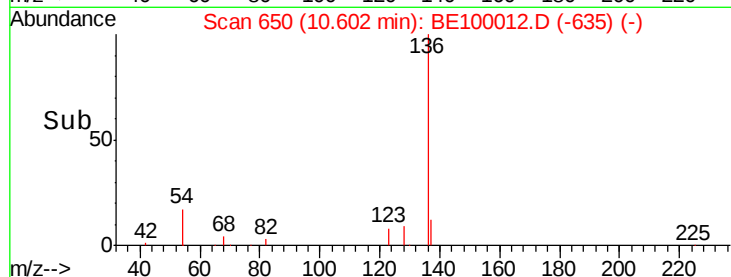
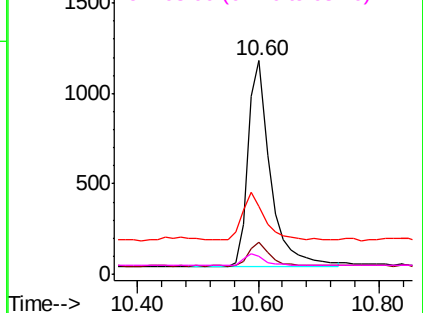
Tot Ion	Ratio	Lower	Upper
136	100		
137	15.1	12.3	18.5
54	32.0	28.2	42.4
68	8.3	7.8	11.8

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



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): BE1
Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.387 ng

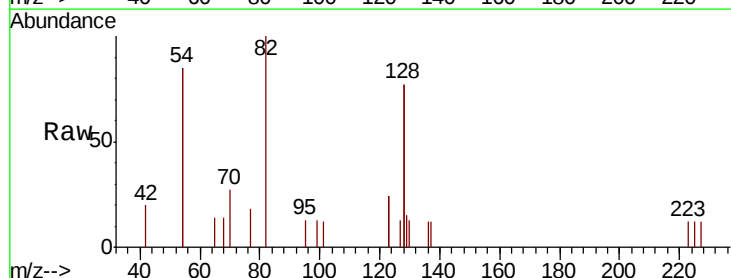
RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

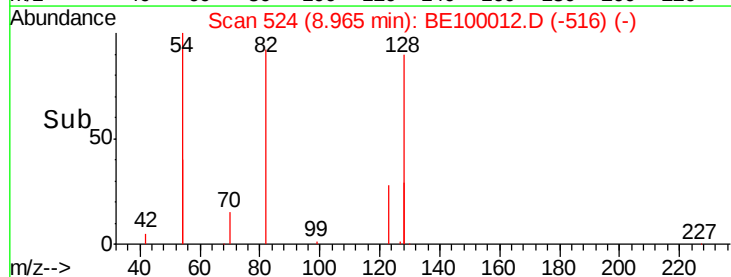
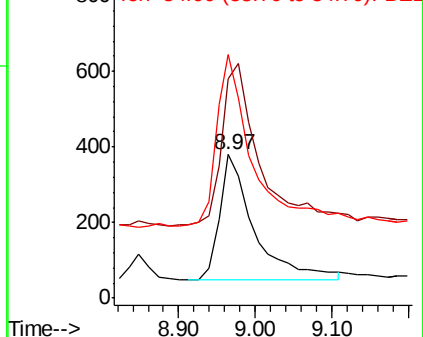
Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	153.2	137.3	205.9
54	169.5	129.7	194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.415 ng

RT: 10.64 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Instrument :

BNA_E

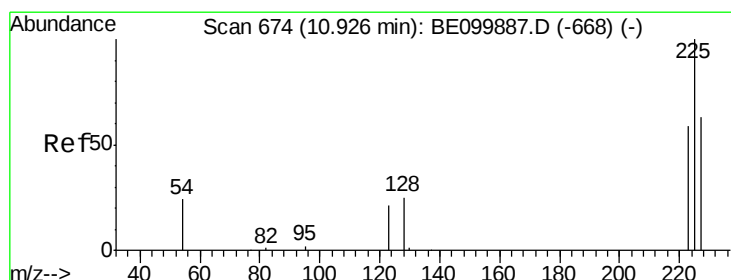
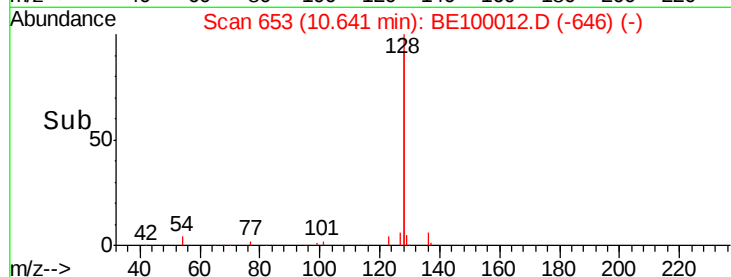
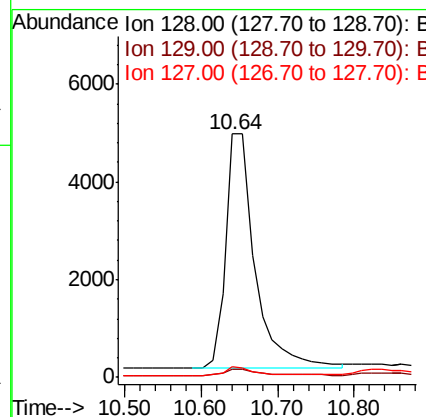
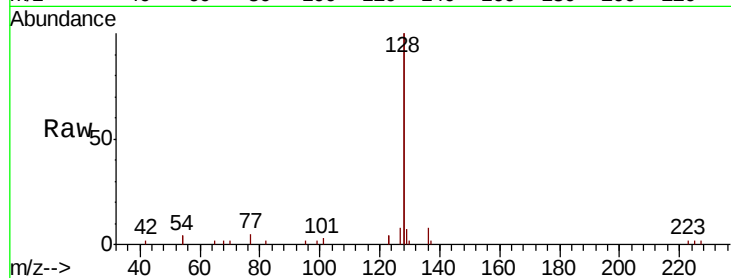
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	4.1	3.4	5.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#10

Hexachlorobutadiene

Concen: 0.466 ng

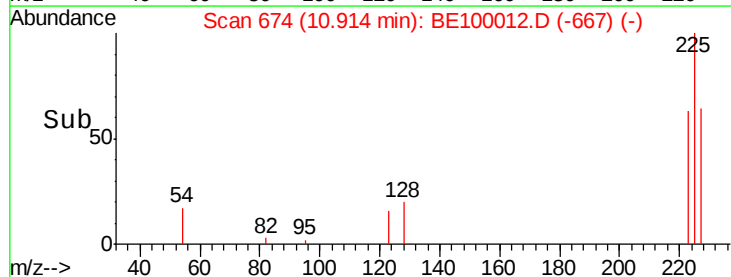
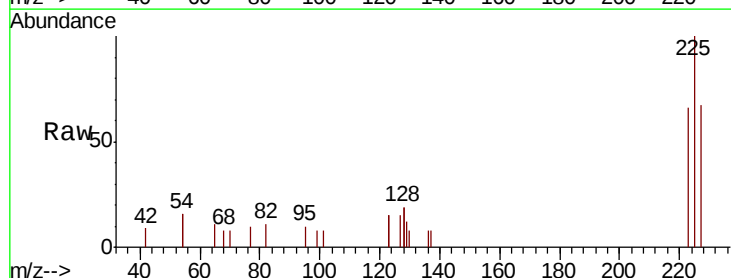
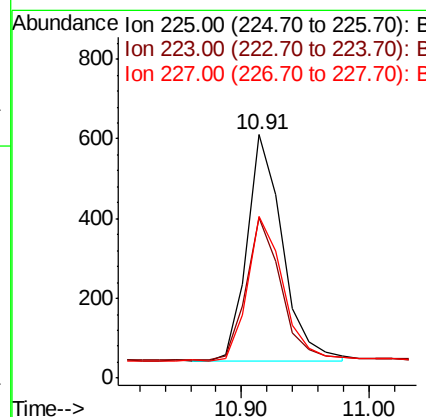
RT: 10.91 min Scan# 674

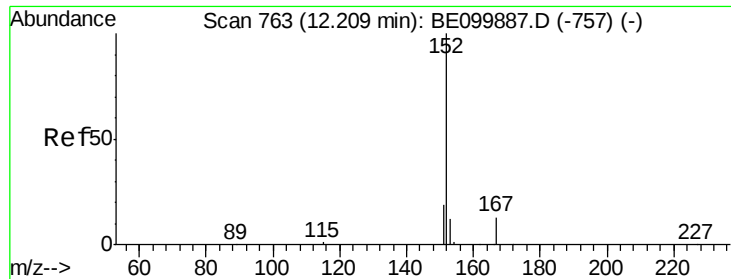
Delta R.T. -0.01 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.6	77.4
227	64.2	50.6	76.0





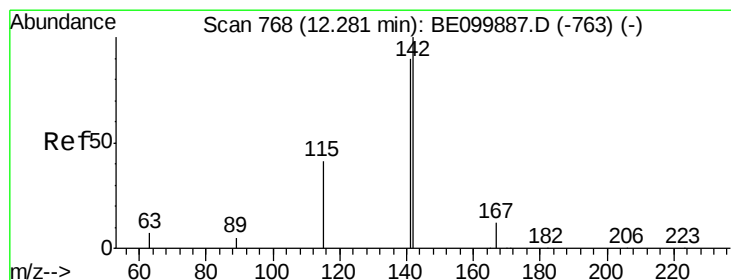
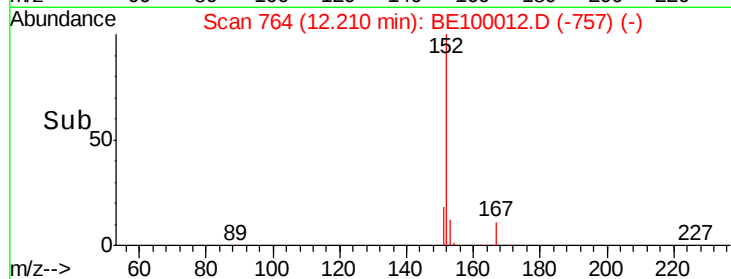
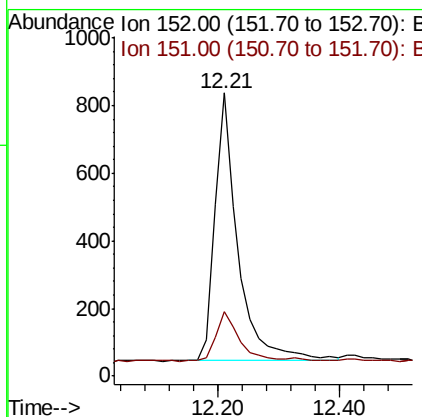
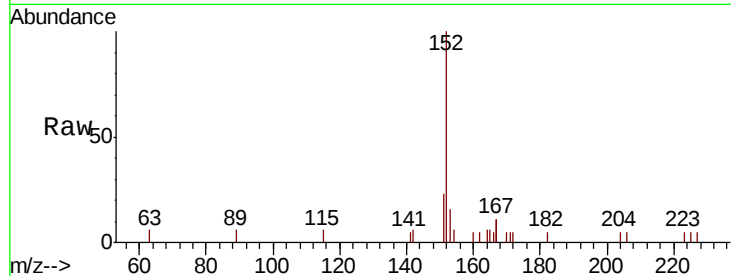
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.21 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.2	22.8

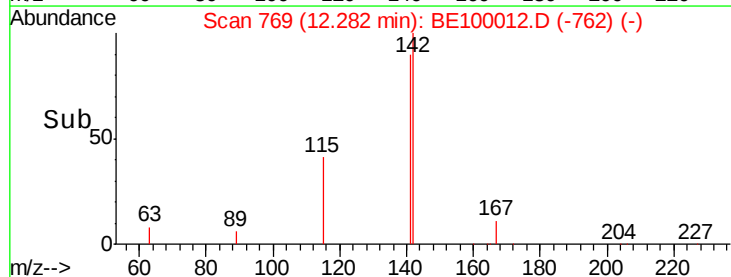
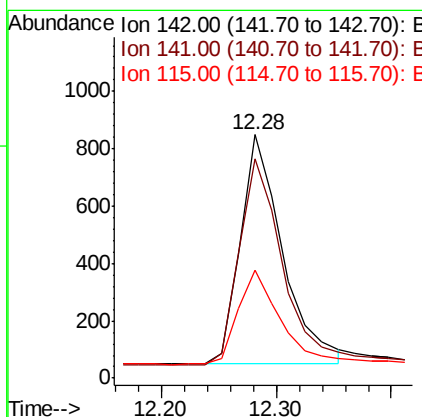
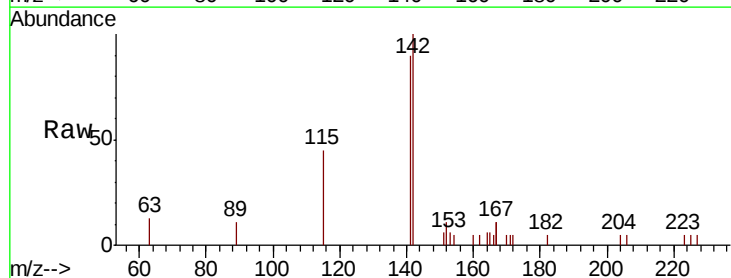
Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.28 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	44.5	36.4	54.6





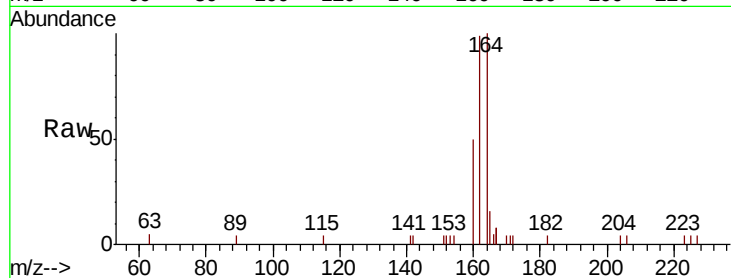
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.8	116.8
160	49.6	38.2	57.4

Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:51:16 PM

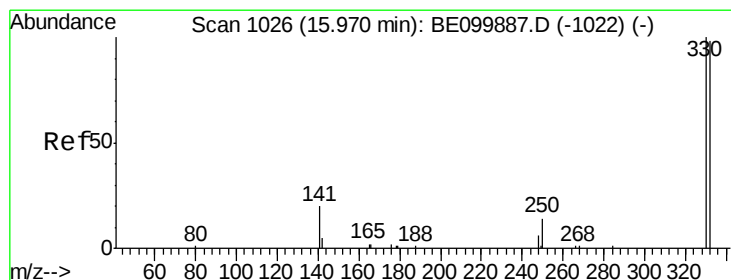
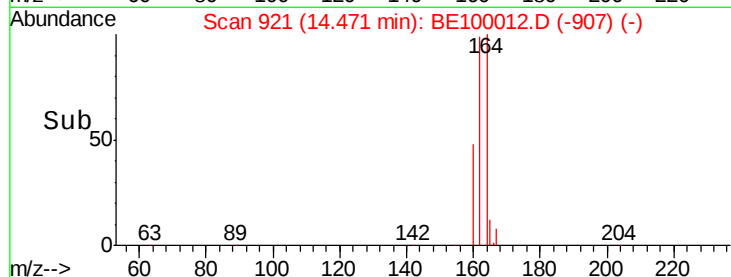
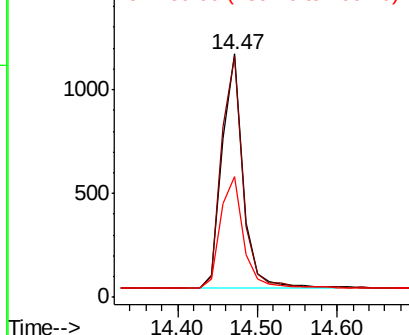


Abundance

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: 0.258 ng
 RT: 15.97 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

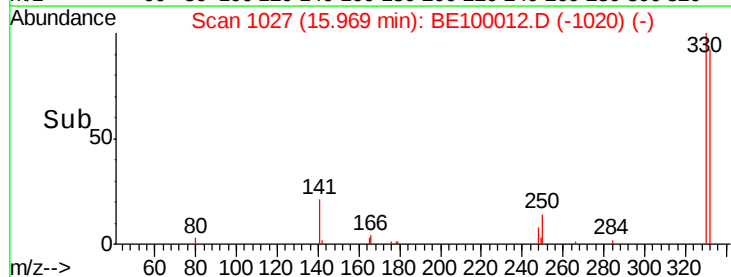
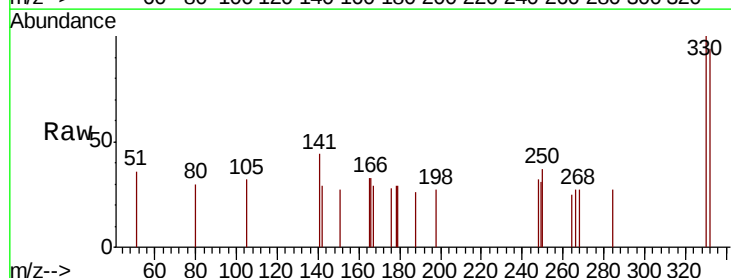
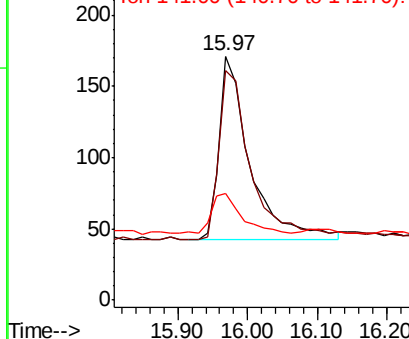
Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.5	76.7	115.1
141	20.8	21.0	31.6#

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





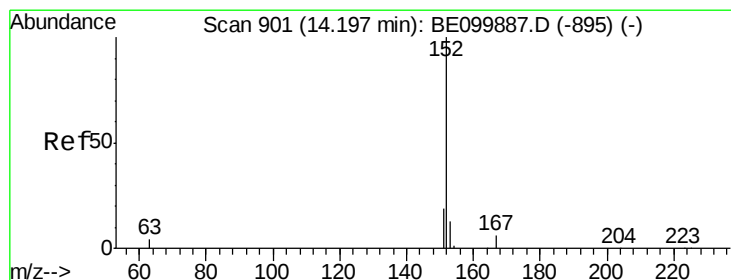
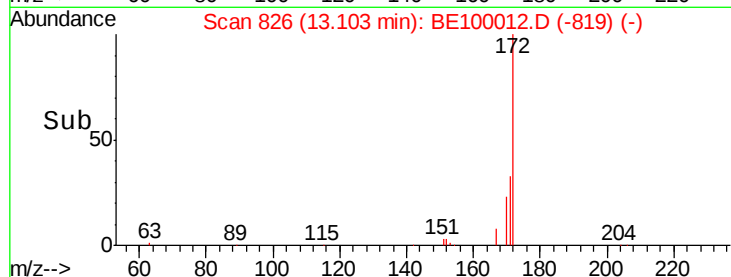
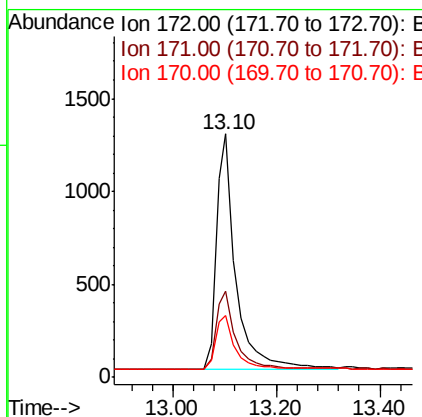
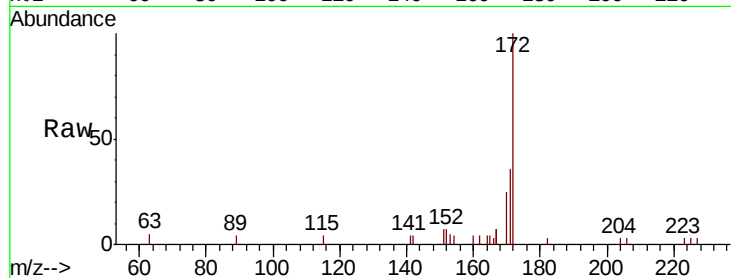
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.10 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	25.3	21.2	31.8

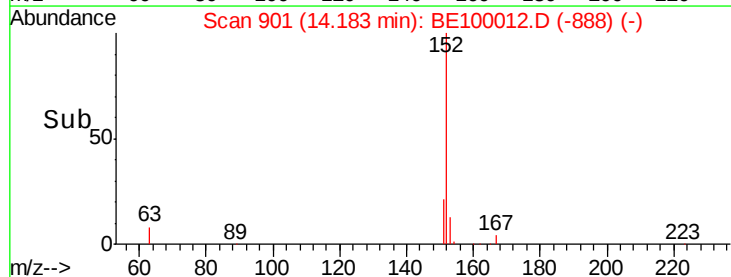
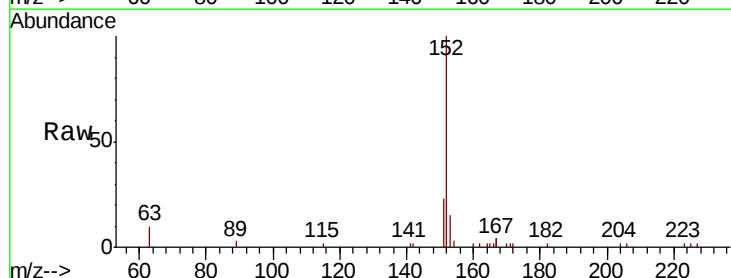
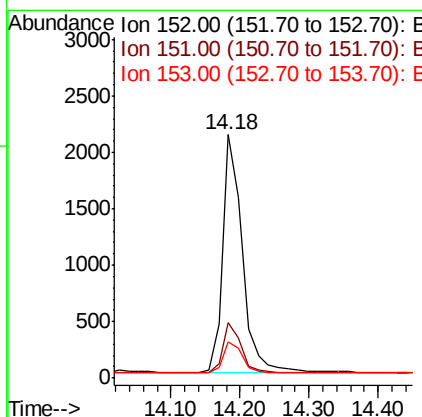
Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#16
Acenaphthylene
Concen: 0.412 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.7	10.2	15.2





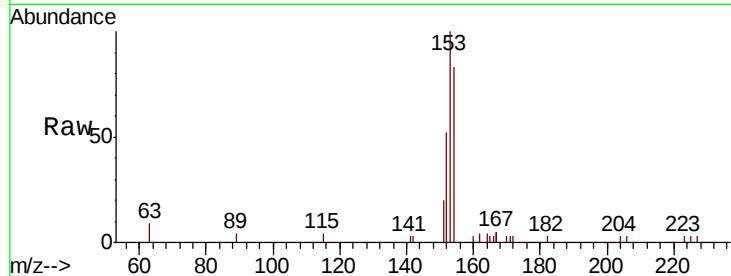
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.1	139.7
152	60.6	47.0	70.4

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM

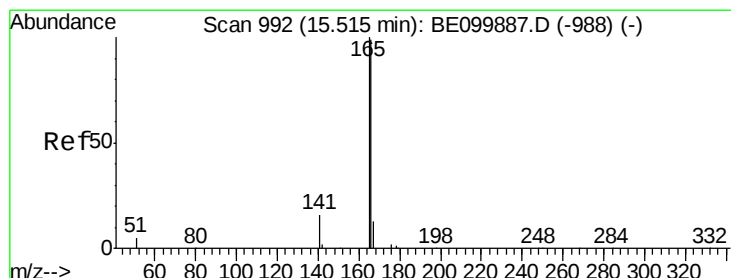
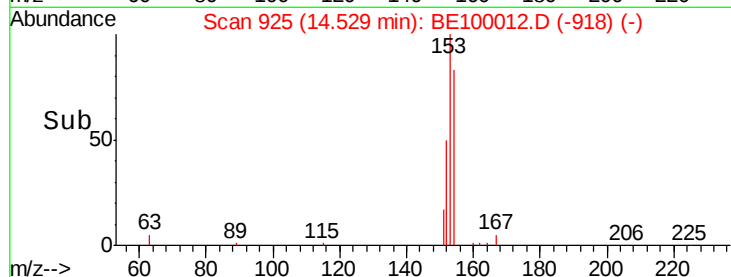
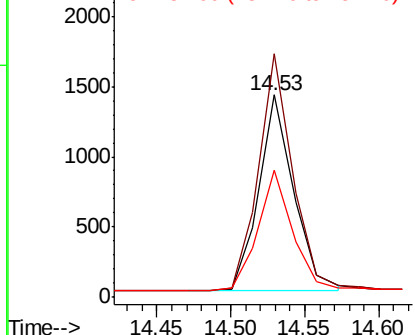


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.396 ng
RT: 15.51 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

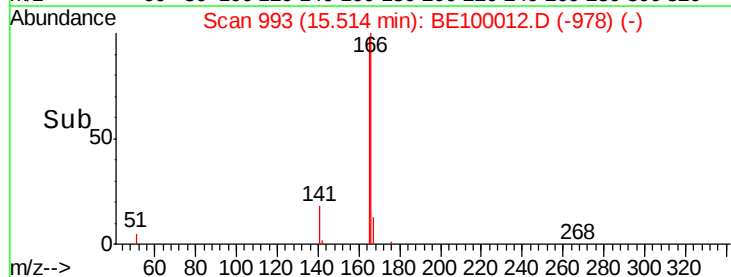
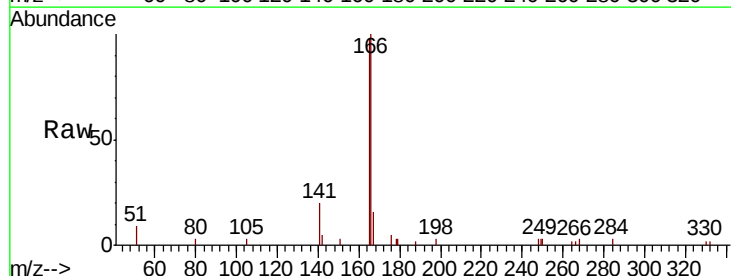
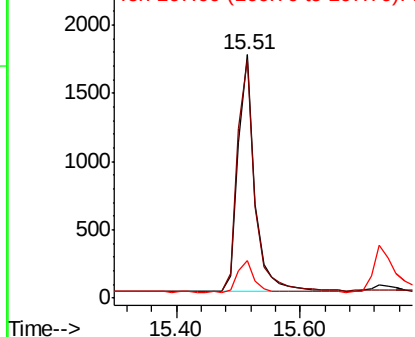
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.8	122.8
167	13.6	11.2	16.8

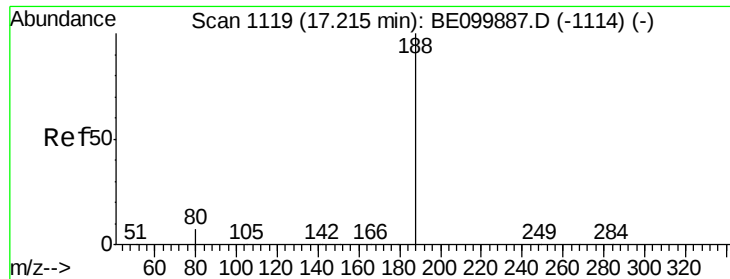
Abundance

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





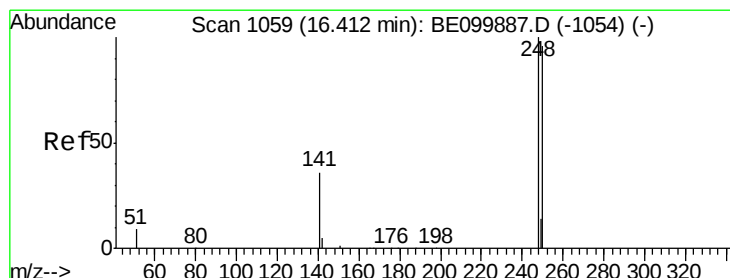
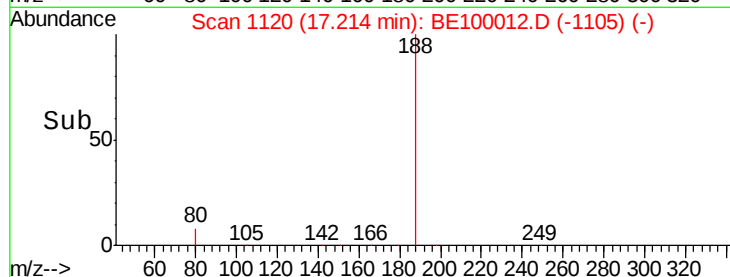
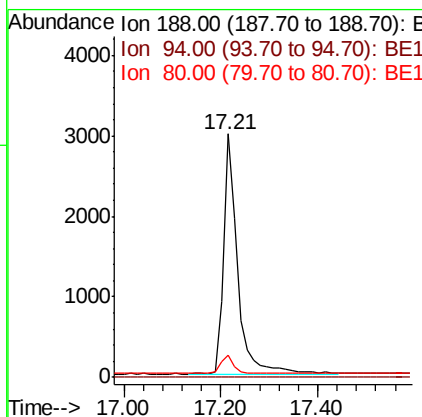
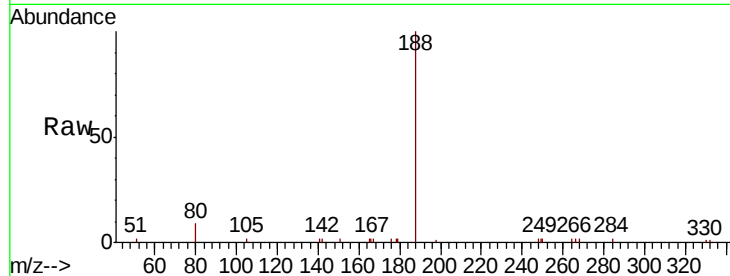
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6072		
94	0.0	0.0	0.0	0.0
80	9.0	6.4	9.6	

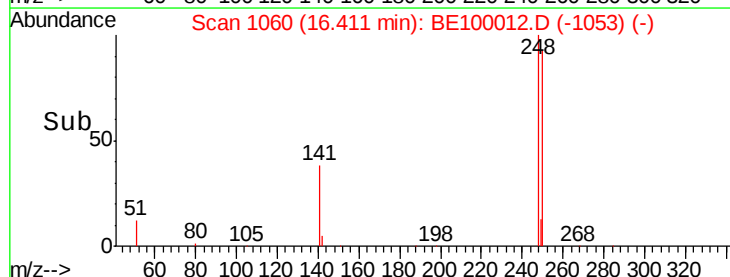
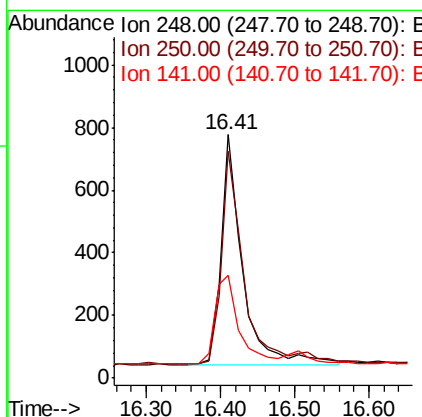
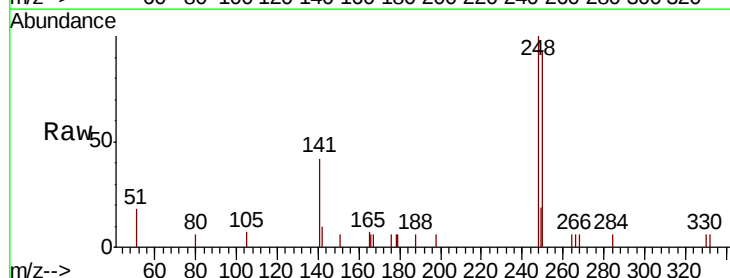
Manual Integrations
APPROVED

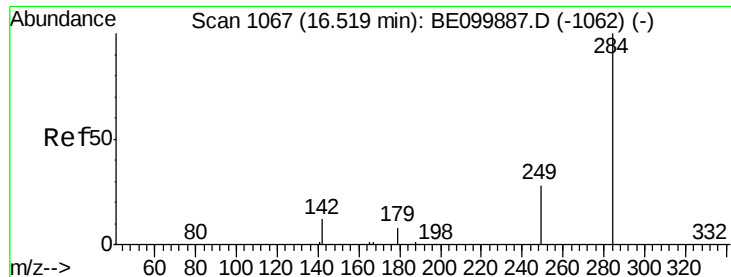
mohammad
6/17/2019 4:51:16 PM



#20
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 16.41 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1473		
250	93.3	77.5	116.3	
141	42.3	31.8	47.8	





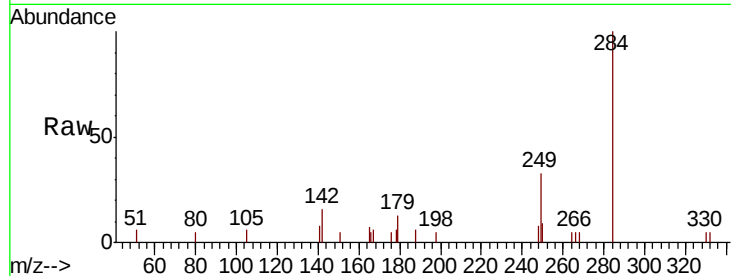
#21
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

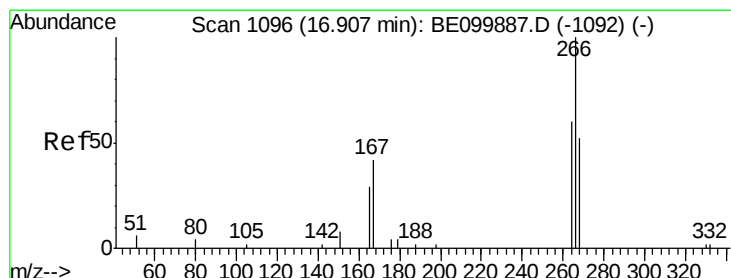
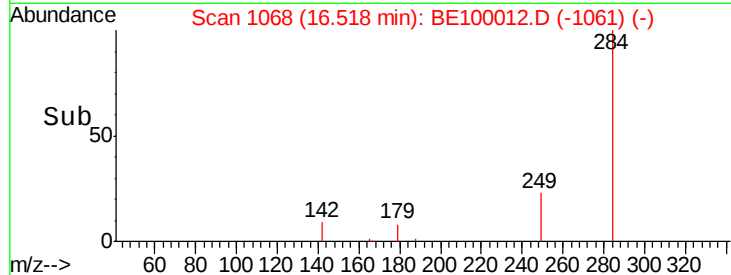
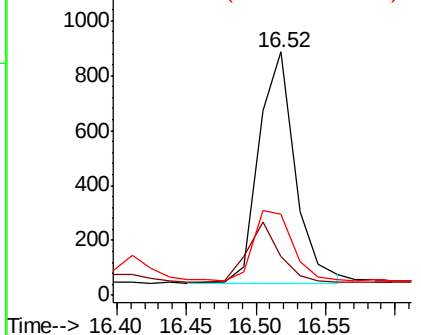
Tot Ion:	284	Resp:	1517
Ion Ratio	Lower	Upper	
284	100		
142	23.3	18.2	27.4
249	32.7	24.6	37.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



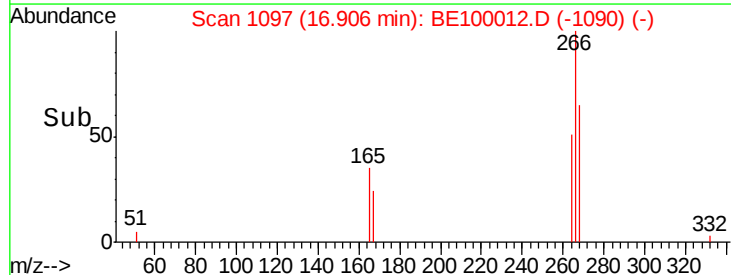
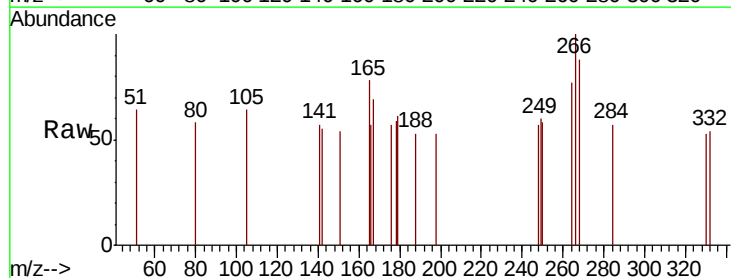
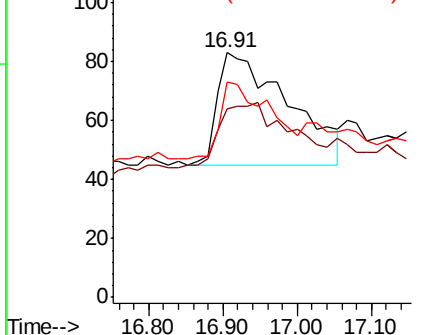
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

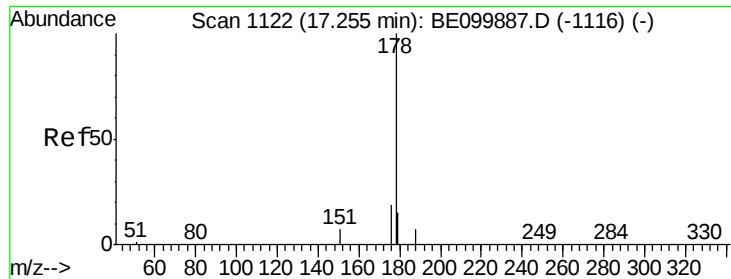


#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.91 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:	266	Resp:	252
Ion Ratio	Lower	Upper	
266	100		
264	77.1	62.2	93.2
268	88.0	65.5	98.3

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





#23

Phenanthrene

Concen: 0.406 ng

RT: 17.25 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Instrument :

BNA_E

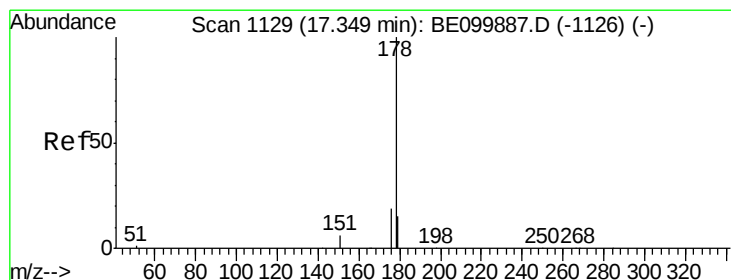
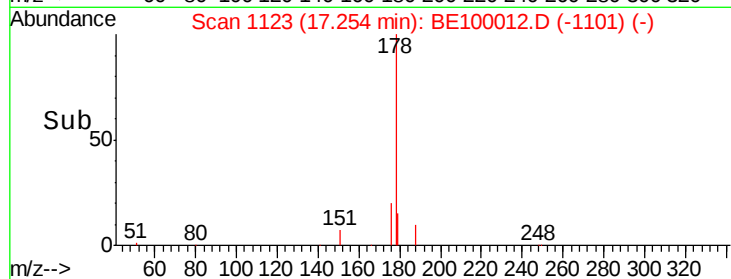
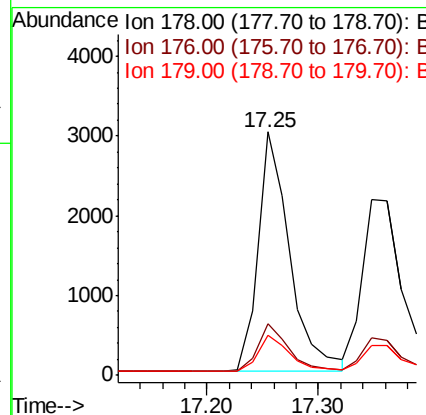
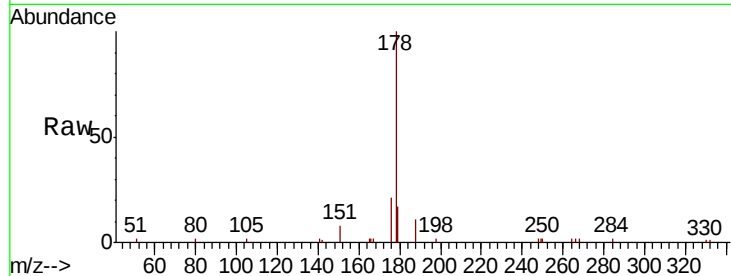
ClientSampleId :

SSTDCCC0.4

Tot Ion:178	Resp:	5985
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.8 23.8
179	15.6	12.4 18.6

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#24

Anthracene

Concen: 0.368 ng

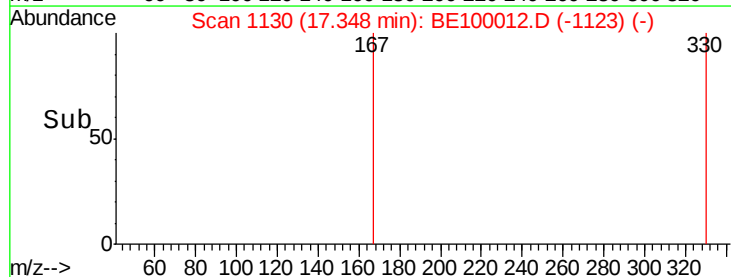
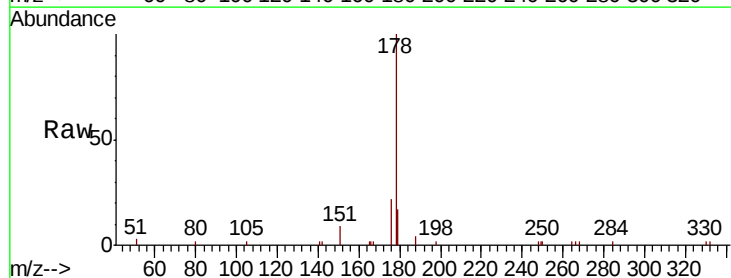
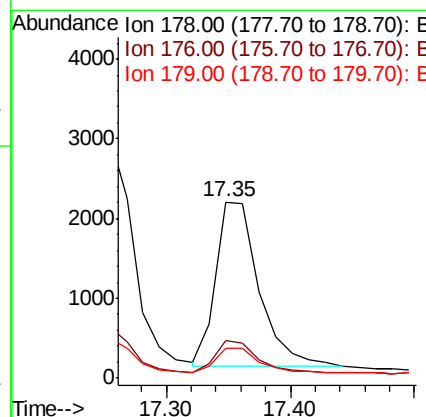
RT: 17.35 min Scan# 1130

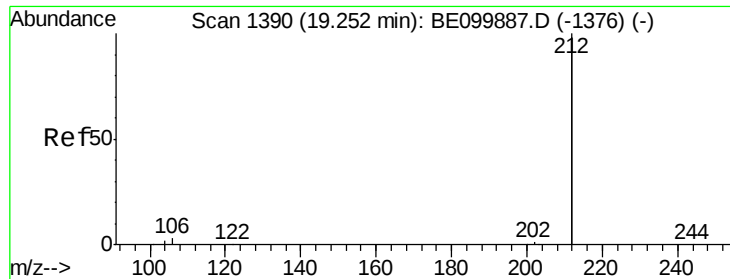
Delta R.T. -0.00 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tgt Ion:178	Resp:	4974
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.6 22.0
179	14.7	12.3 18.5





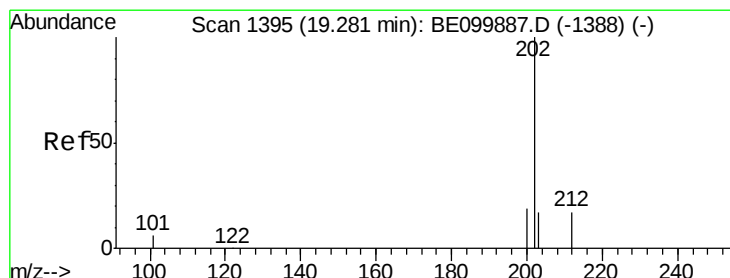
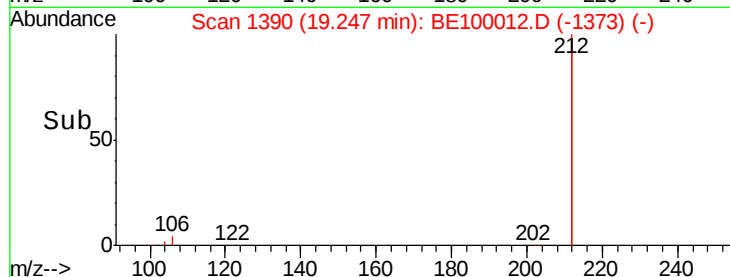
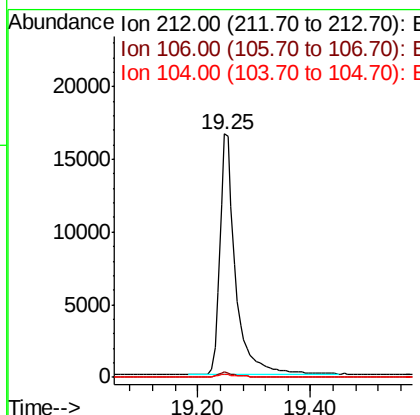
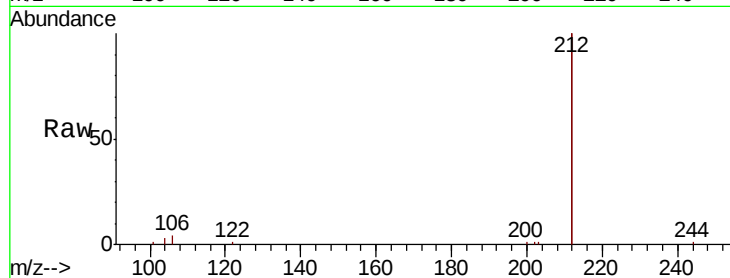
#25
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

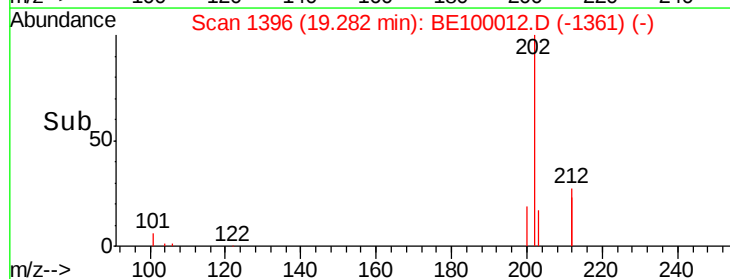
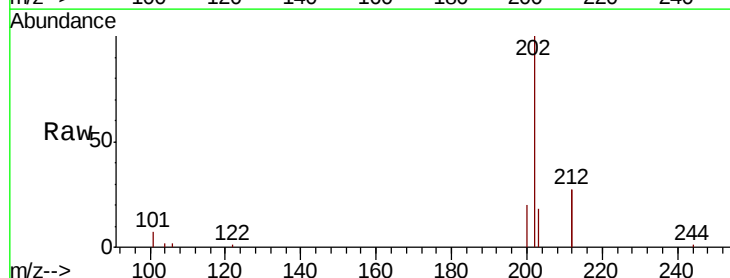
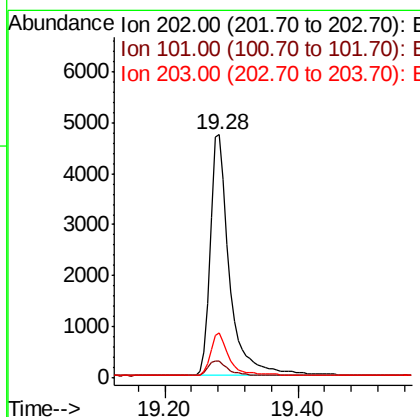
Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:51:16 PM



#26
 Fluoranthene
 Concen: 0.375 ng
 RT: 19.28 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	16.8	13.2	19.8





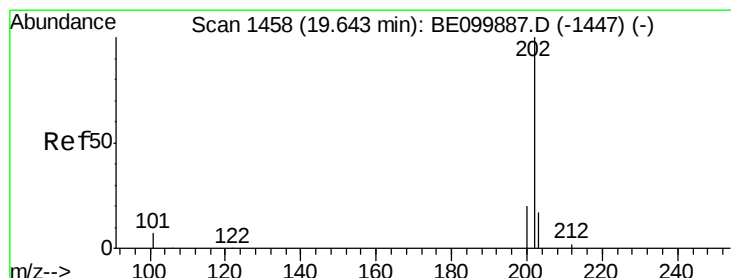
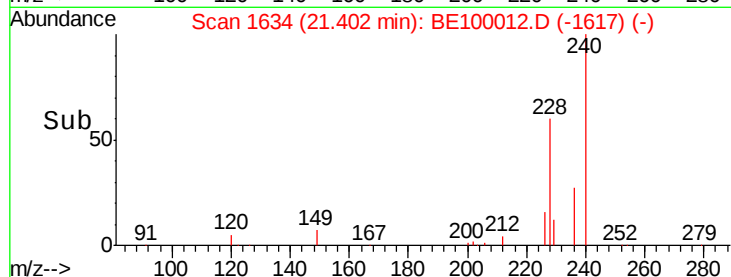
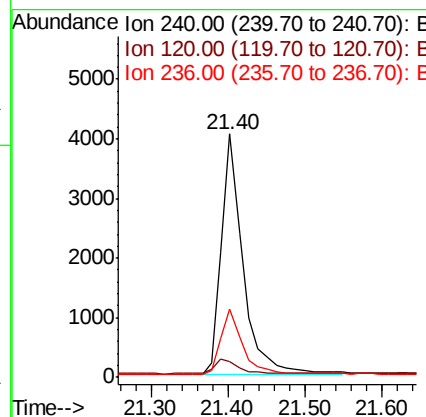
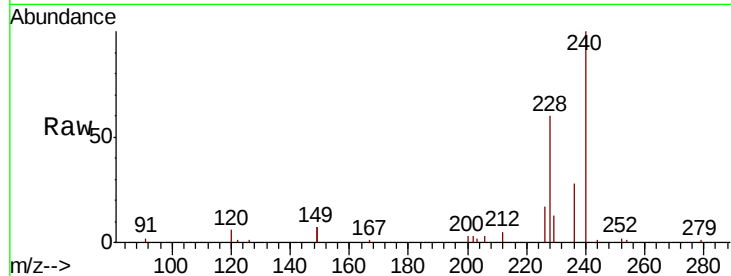
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	3.8	5.6#
236	28.1	22.0	33.0

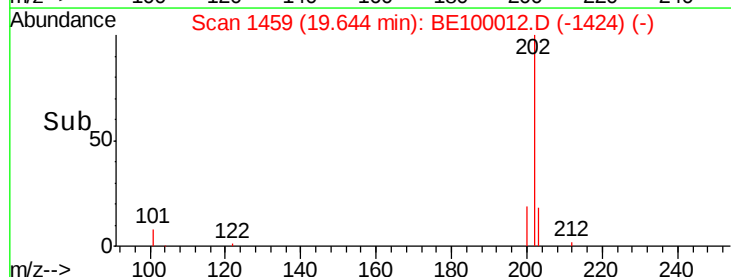
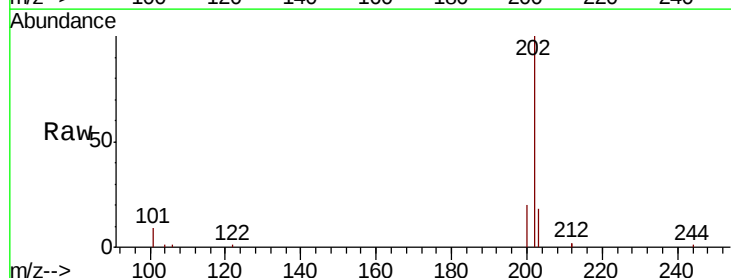
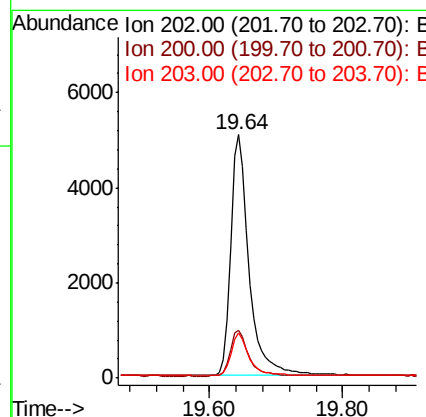
Manual Integrations
APPROVED

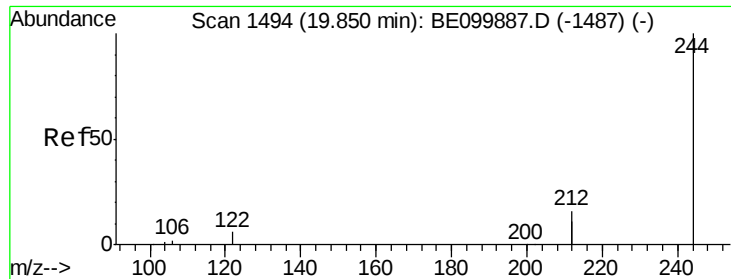
mohammad
6/17/2019 4:51:16 PM



#28
Pyrene
Concen: 0.462 ng
RT: 19.64 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	17.7	14.0	21.0





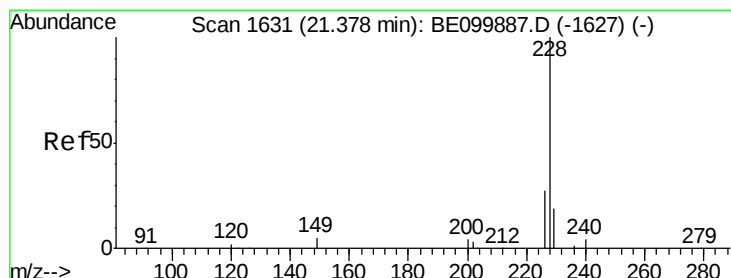
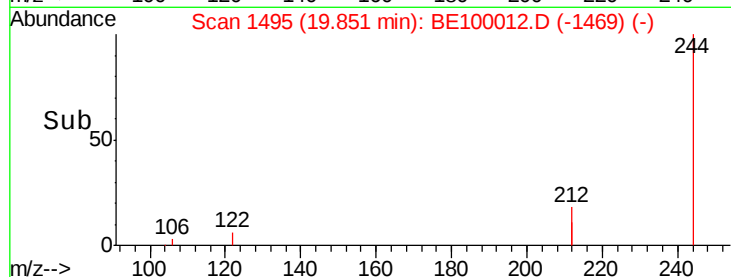
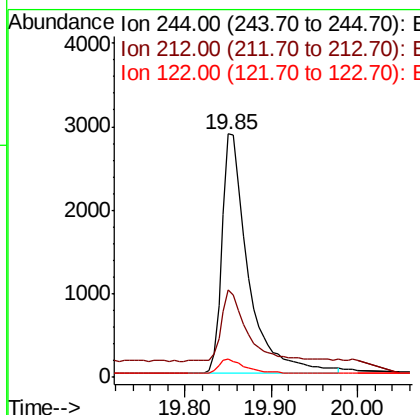
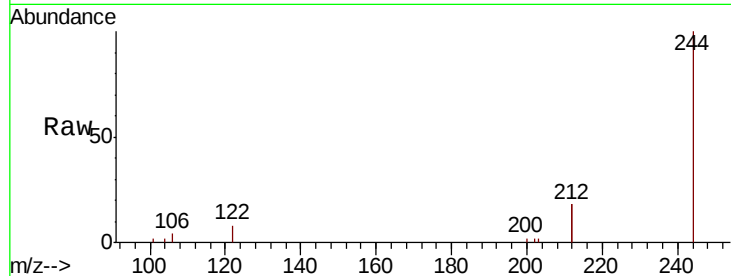
#29
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.85 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.7	25.7	38.5
122	7.5	5.5	8.3

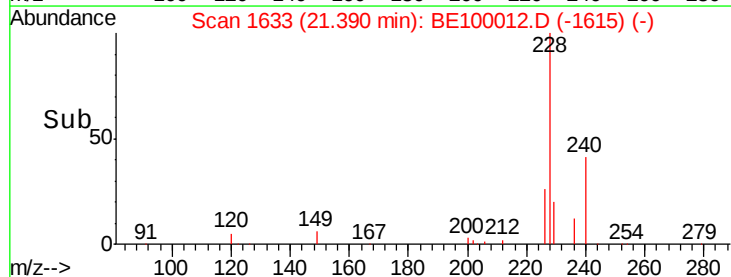
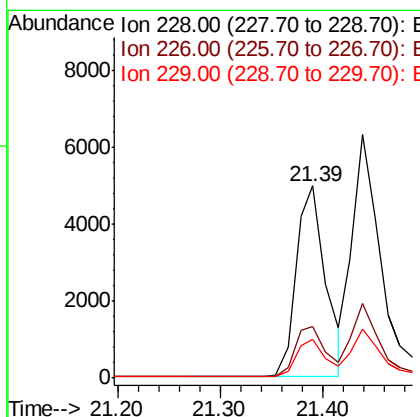
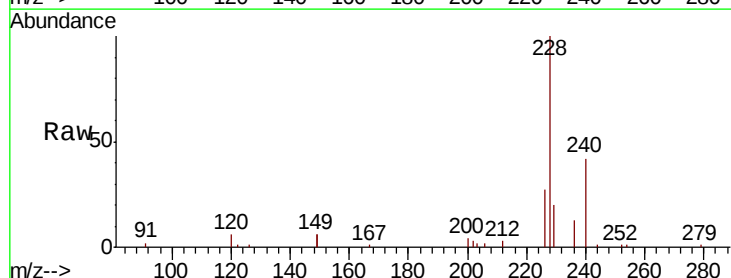
Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:51:16 PM



#30
 Benzo(a)anthracene
 Concen: 0.417 ng
 RT: 21.39 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.5	33.7
229	20.4	15.9	23.9





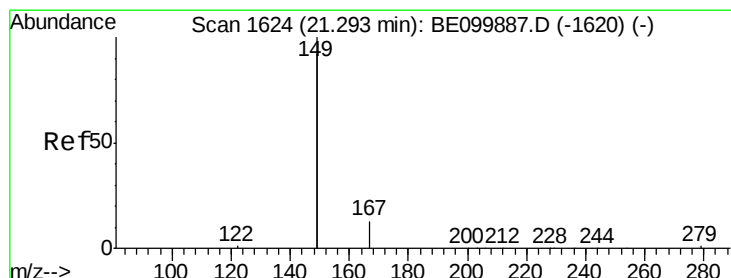
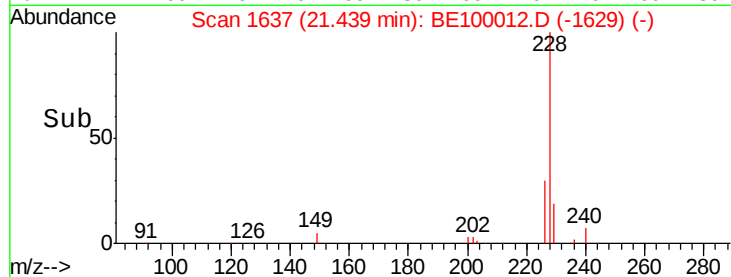
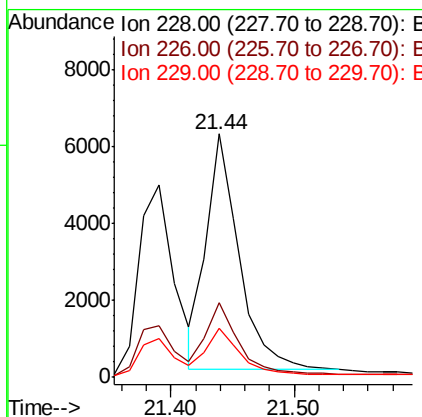
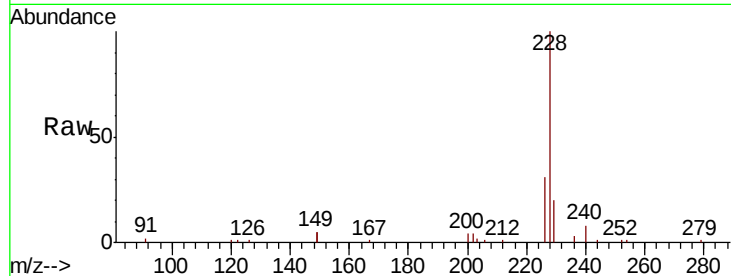
#31
 Chrysene
 Concen: 0.464 ng
 RT: 21.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:228	Resp:	11346
Ion Ratio	Lower	Upper
228 100		
226 30.6	24.1	36.1
229 19.9	16.1	24.1

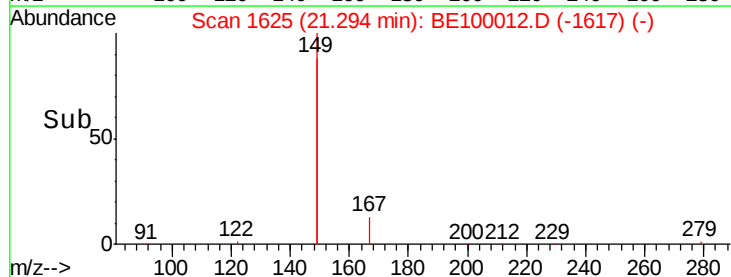
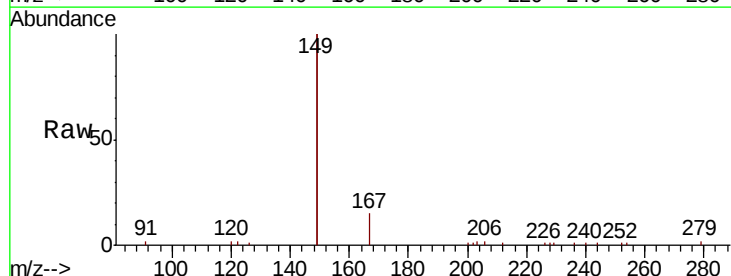
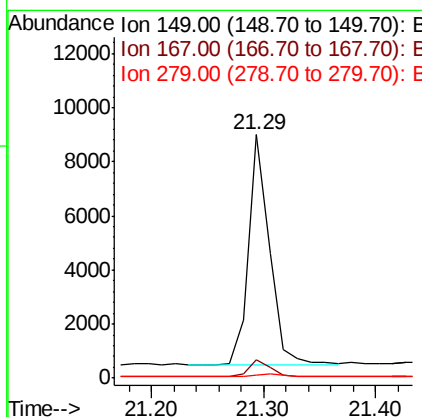
Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:51:16 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.329 ng
 RT: 21.29 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100012.D
 Acq: 14 Jun 2019 8:03

Tgt Ion:149	Resp:	11156
Ion Ratio	Lower	Upper
149 100		
167 7.4	5.9	8.9
279 1.7	1.2	1.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng

RT: 26.62 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Instrument :

BNA_E

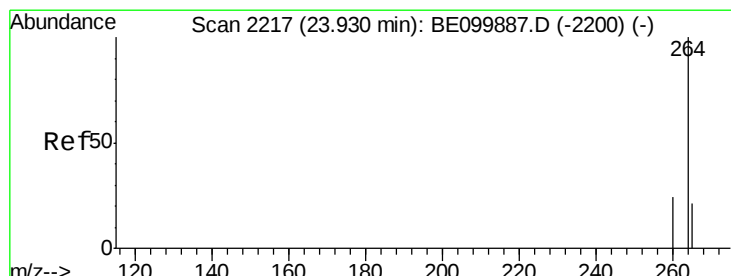
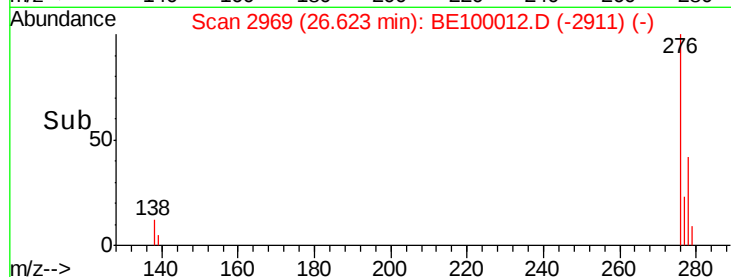
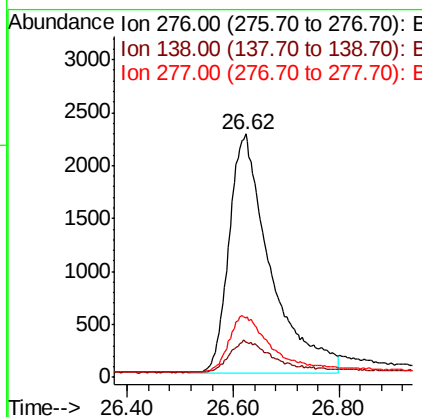
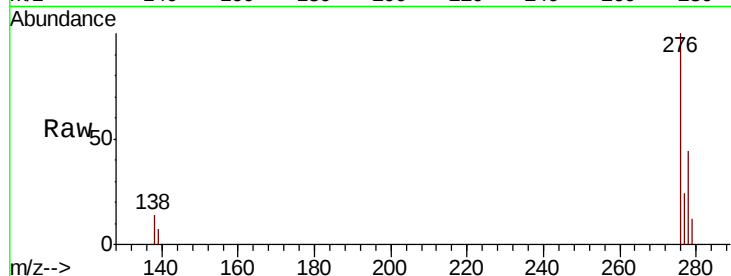
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	12146
Ion Ratio	Lower	Upper	
276	100		
138	6.0	10.1	15.1#
277	23.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



#34

Perylene-d12

Concen: 0.400 ng

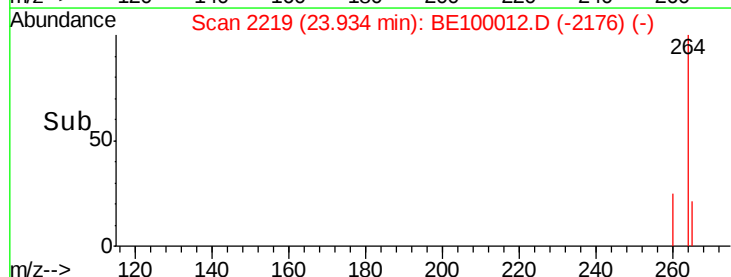
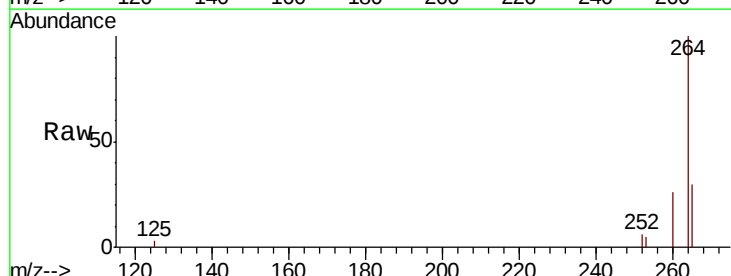
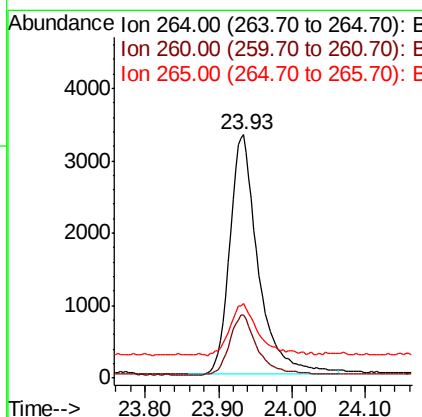
RT: 23.93 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Tgt Ion:	264	Resp:	8986
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.2	30.2
265	30.5	22.0	33.0





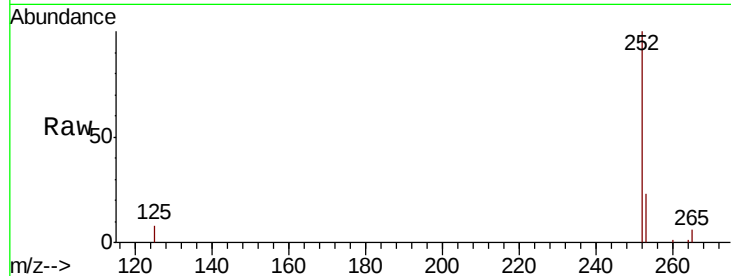
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	8.2	5.7	8.5

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM

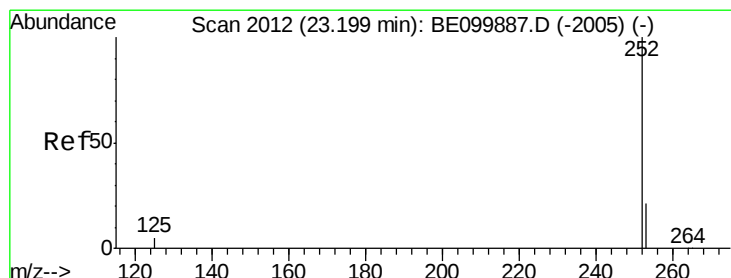
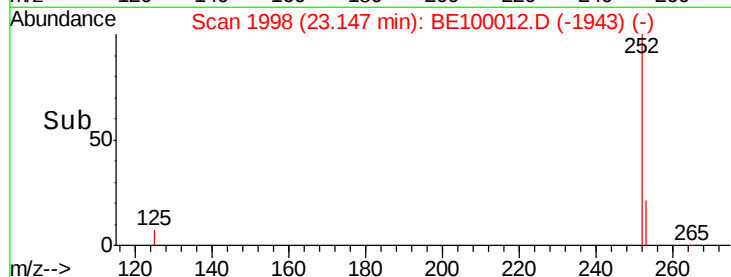
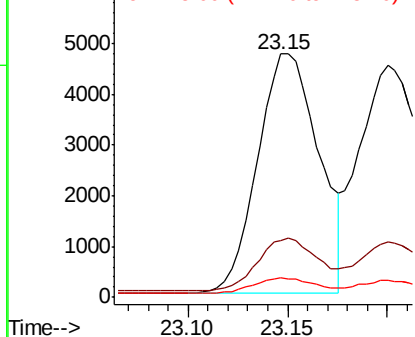


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 23.20 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

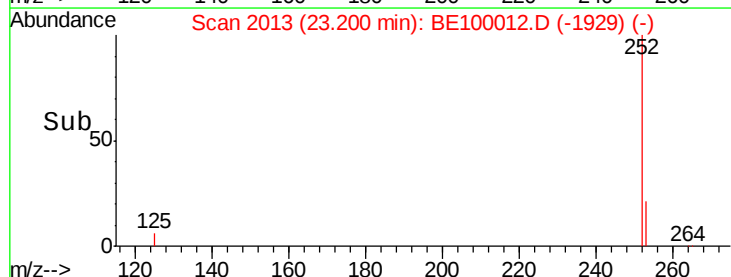
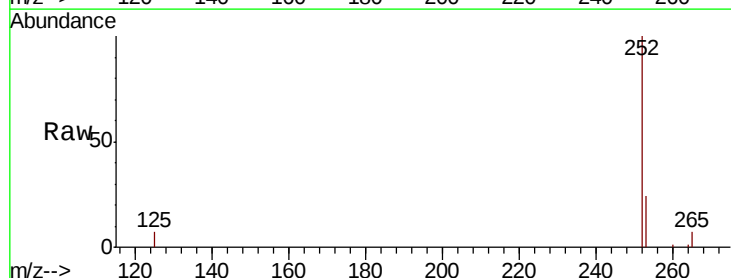
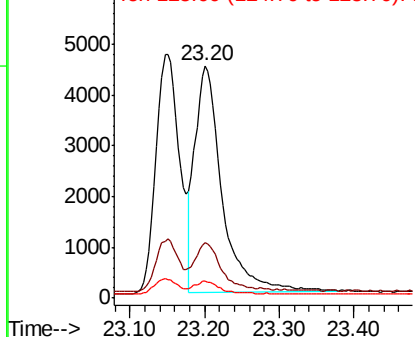
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	7.1	5.4	8.0

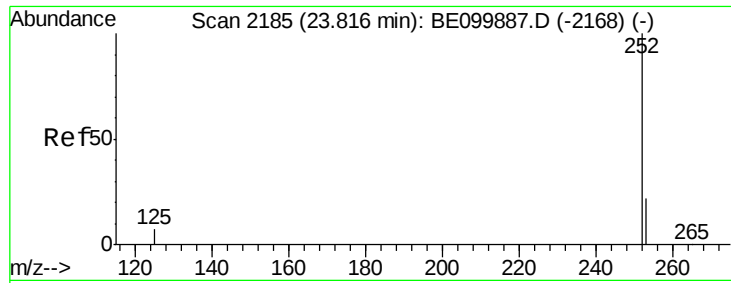
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





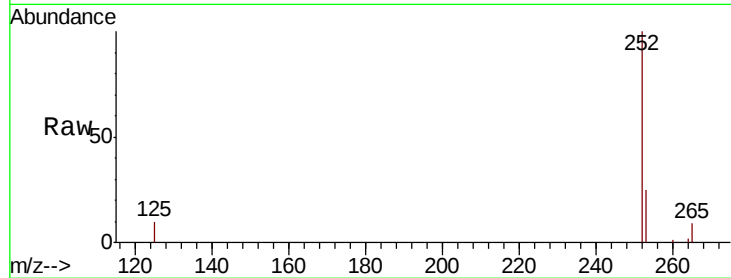
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.82 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	10.0	6.6	10.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM

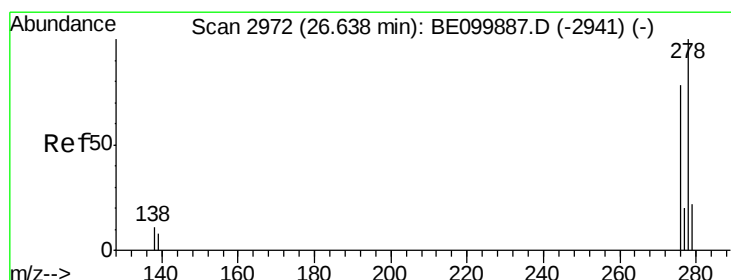
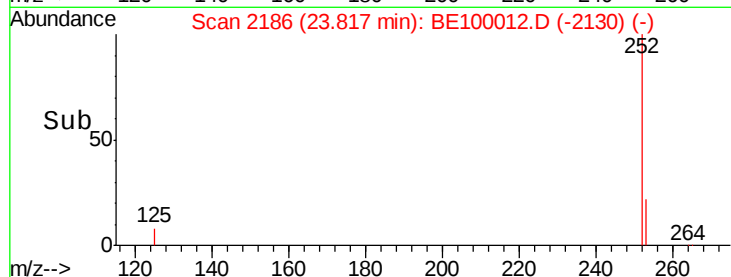
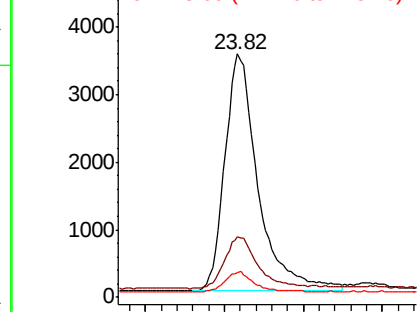


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.64 min Scan# 2975
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

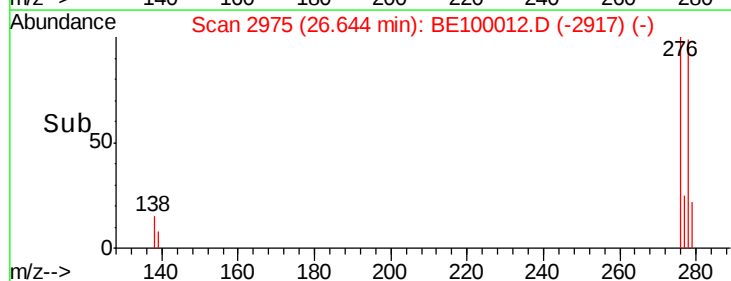
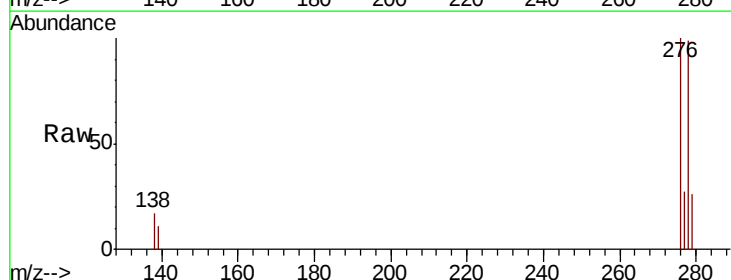
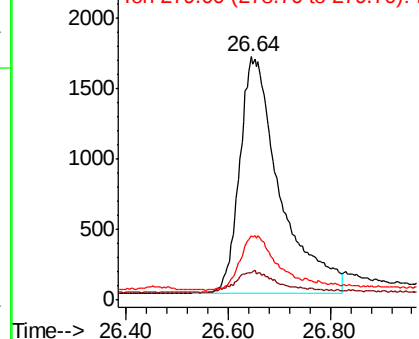
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.3	7.8	11.8
279	26.4	20.0	30.0

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.409 ng

RT: 27.44 min Scan# 3199

Delta R.T. 0.01 min

Lab File: BE100012.D

Acq: 14 Jun 2019 8:03

Instrument :

BNA_E

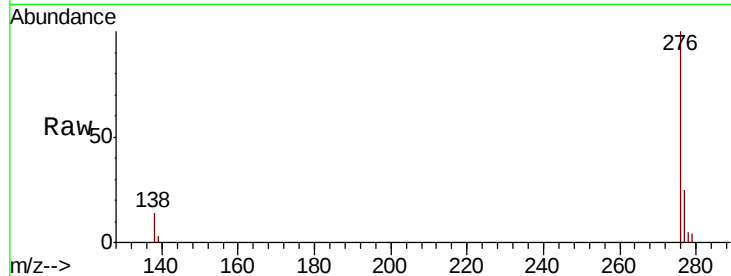
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	10545
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.5	29.3
138	14.1	9.5	14.3

Manual Integrations
APPROVED

mohammad
6/17/2019 4:51:16 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

