

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070819\
 Data File : BE100414.D
 Acq On : 8 Jul 2019 16:29
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:04 AM

Quant Time: Jul 08 19:05:04 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 08 15:19:44 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	418	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	1499	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	1135	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	3841	0.40	ng	0.00
27) Chrysene-d12	21.23	240	5057	0.40	ng	0.00
34) Perylene-d12	23.64	264	6279	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.19	112	415	0.39	ng	0.00
5) Phenol-d6	6.81	99	513	0.37	ng	-0.04
8) Nitrobenzene-d5	8.80	82	522	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1222	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	372	0.47	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2028	0.46	ng	0.00
25) Fluoranthene-d10	19.08	212	23306	0.42	ng	0.00
29) Terphenyl-d14	19.68	244	4725	0.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	278	0.429	ng	95
3) n-Nitrosodimethylamine	3.44	42	172	0.569	ng	# 86
6) bis(2-Chloroethyl)ether	7.06	93	354	0.307	ng	# 60
9) Naphthalene	10.47	128	7201	0.436	ng	97
10) Hexachlorobutadiene	10.73	225	857	0.538	ng	96
12) 2-Methylnaphthalene	12.11	142	1157	0.399	ng	98
16) Acenaphthylene	14.02	152	2438	0.448	ng	98
17) Acenaphthene	14.36	154	1360	0.441	ng	96
18) Fluorene	15.34	166	2125	0.466	ng	97
20) 4-Bromophenyl-phenylether	16.24	248	1079	0.440	ng	94
21) Hexachlorobenzene	16.35	284	1262	0.496	ng	98
22) Pentachlorophenol	16.72	266	304m	0.397	ng	
23) Phenanthrene	17.08	178	3915	0.421	ng	99
24) Anthracene	17.18	178	3326	0.397	ng	99
26) Fluoranthene	19.11	202	6174	0.416	ng	100
28) Pyrene	19.47	202	6405	0.478	ng	99
30) Benzo(a)anthracene	21.21	228	7149	0.430	ng	97
31) Chrysene	21.27	228	7049	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	9125	0.331	ng	99
33) Indeno(1,2,3-cd)pyrene	26.19	276	9822	0.445	ng	95
35) Benzo(b)fluoranthene	22.90	252	6868	0.403	ng	99
36) Benzo(k)fluoranthene	22.95	252	9378m	0.494	ng	
37) Benzo(a)pyrene	23.53	252	7178	0.421	ng	98
38) Dibenzo(a,h)anthracene	26.20	278	7224	0.405	ng	97
39) Benzo(g,h,i)perylene	26.96	276	8521	0.465	ng	99

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

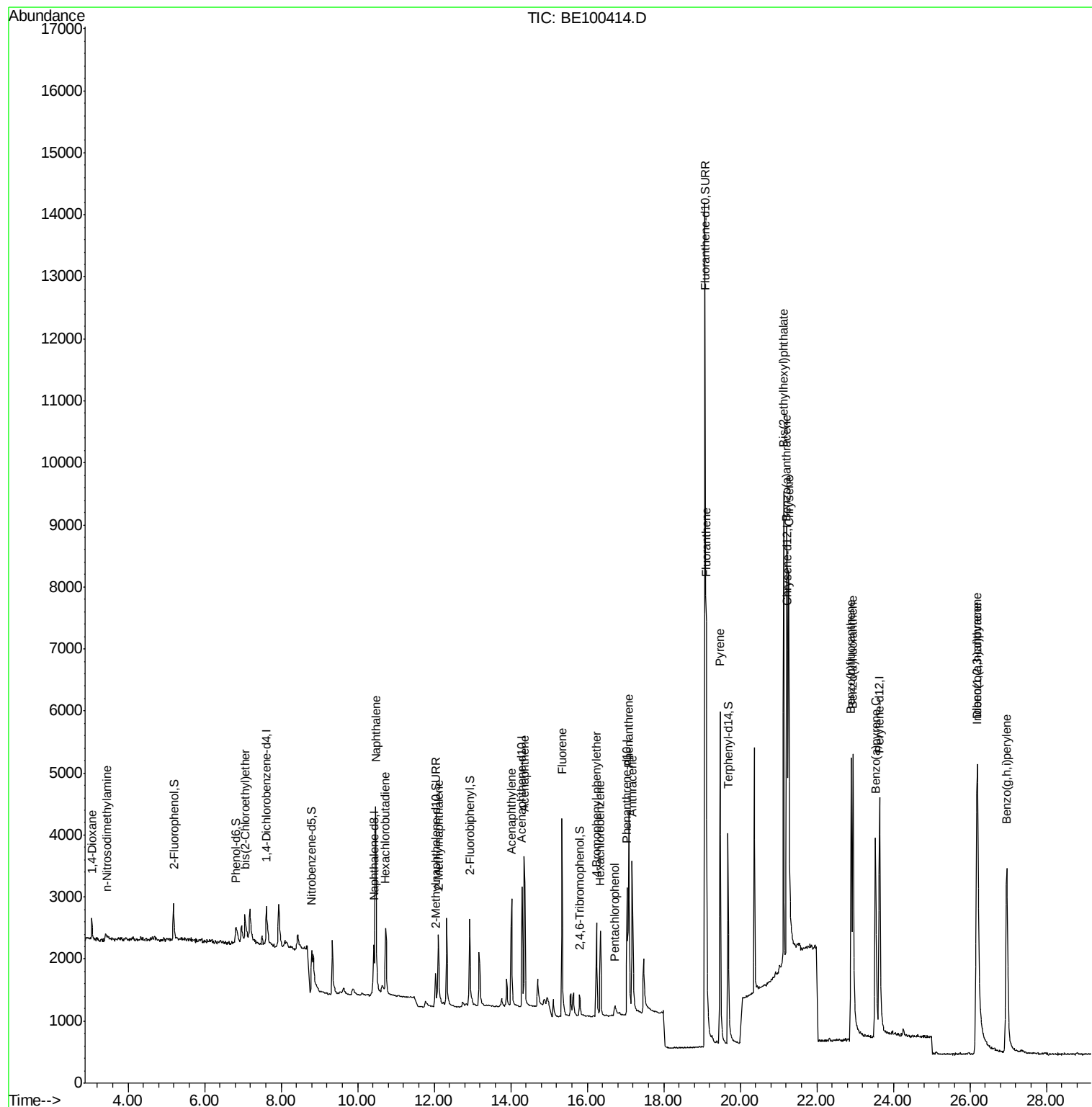
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070819\
Data File : BE100414.D
Acq On : 8 Jul 2019 16:29
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

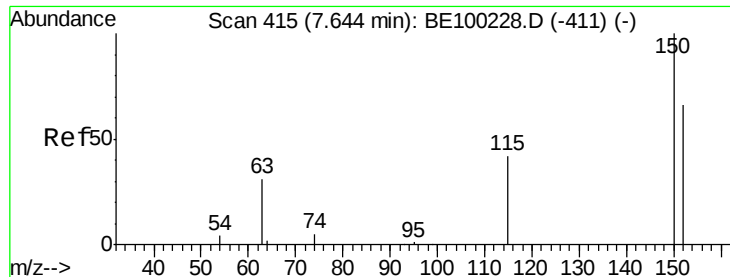
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM

Quant Time: Jul 08 19:05:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:19:44 2019
Response via : Initial Calibration





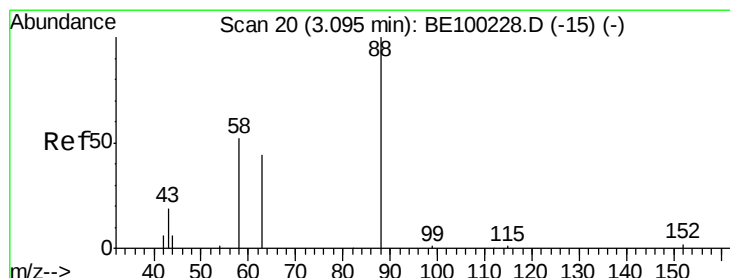
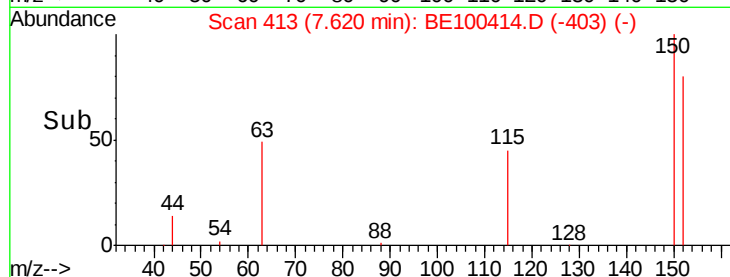
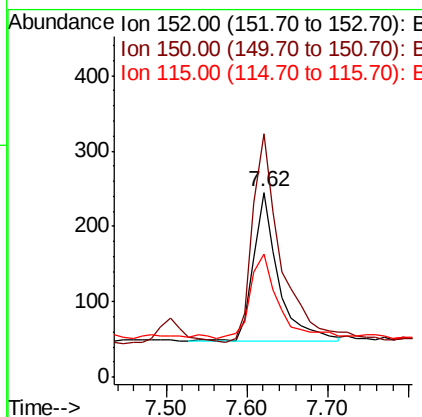
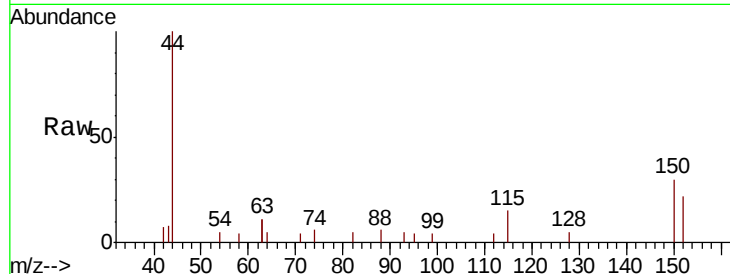
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.62 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	131.8	99.6	149.4
115	66.9	61.4	92.0

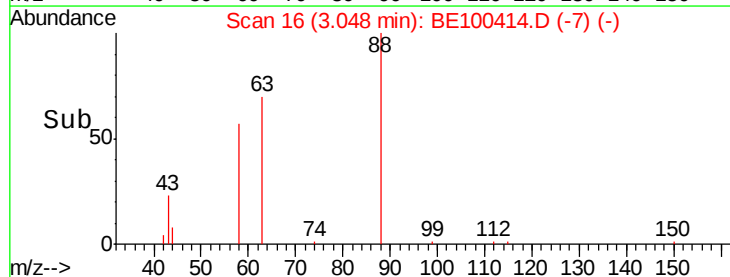
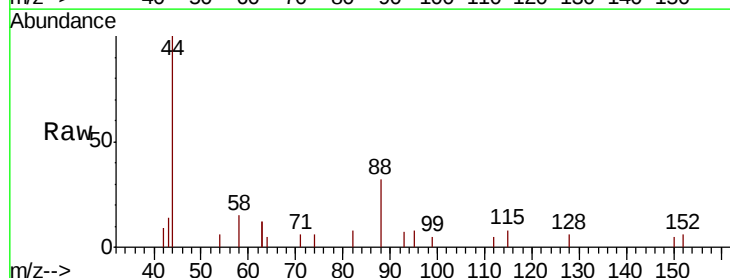
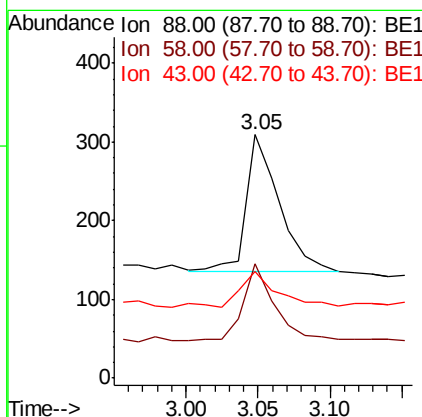
Manual Integrations
 APPROVED

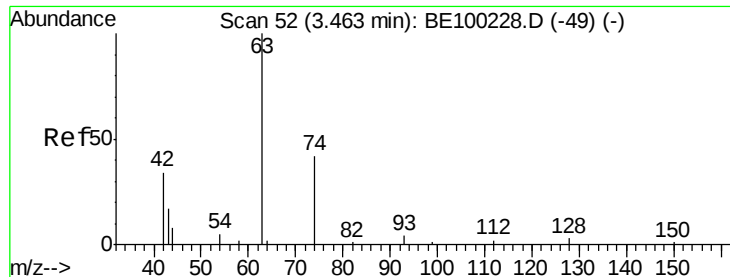
mohammad
 7/10/2019 9:04:04 AM



#2
 1,4-Dioxane
 Concen: 0.429 ng
 RT: 3.05 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.9	38.5	57.7
43	30.6	23.8	35.8





#3

n-Nitrosodimethylamine

Concen: 0.569 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

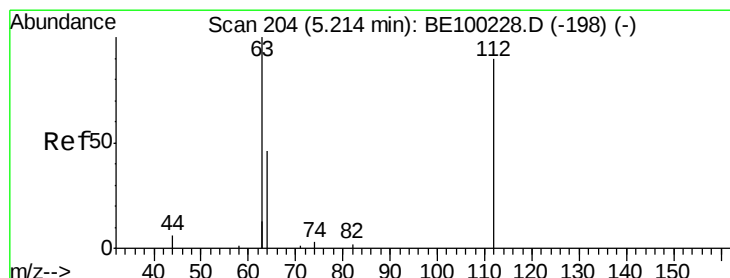
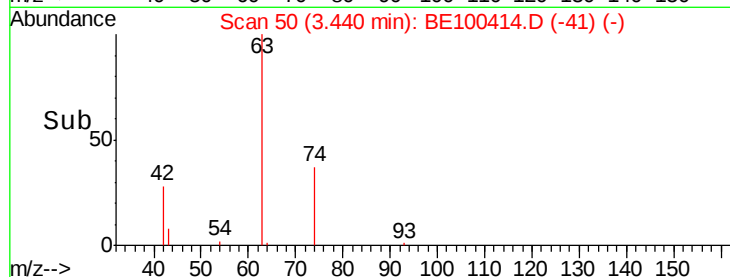
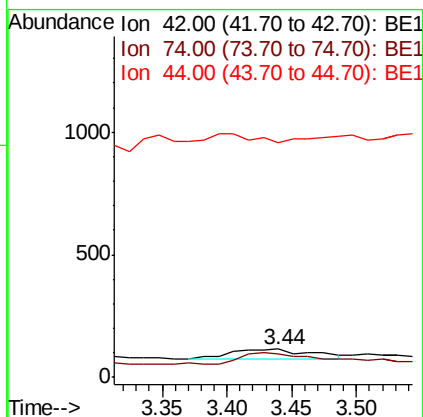
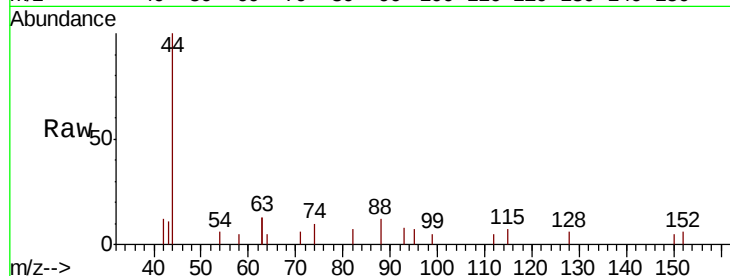
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	42	Resp:	172
Ion	Ratio	Lower	Upper
42	100		
74	115.1	104.9	157.3
44	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



#4

2-Fluorophenol

Concen: 0.389 ng

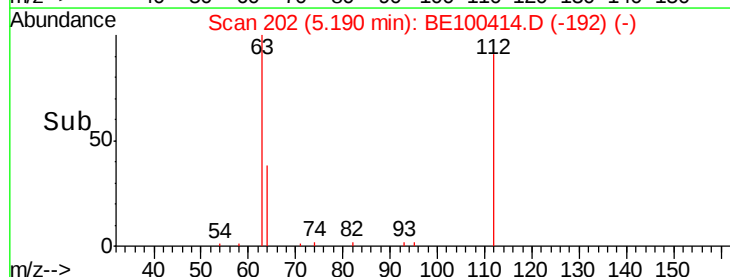
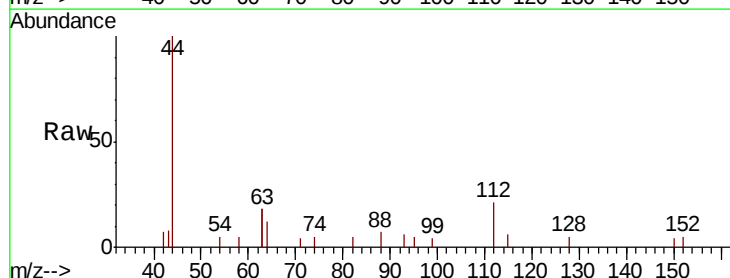
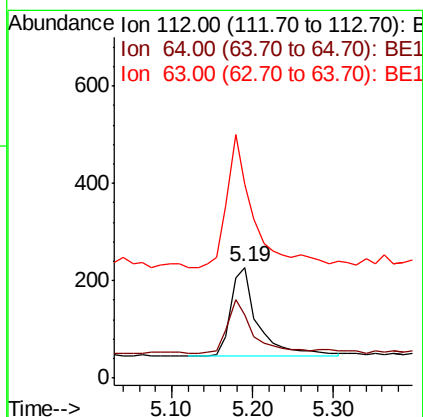
RT: 5.19 min Scan# 202

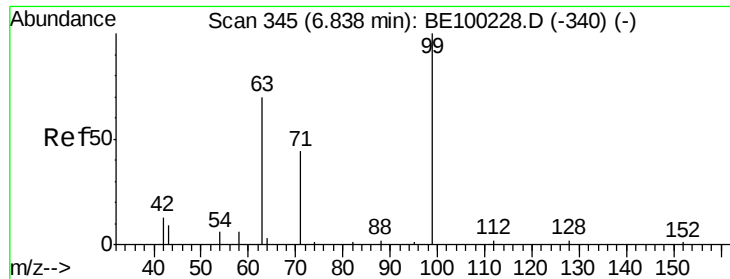
Delta R.T. 0.01 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion:	112	Resp:	415
Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.7	67.1
63	151.6	89.9	134.9#





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.04 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

ClientSampleId :

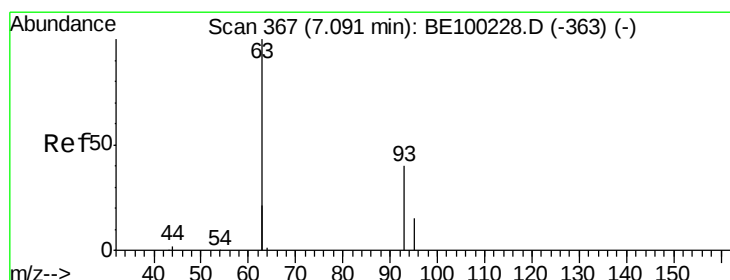
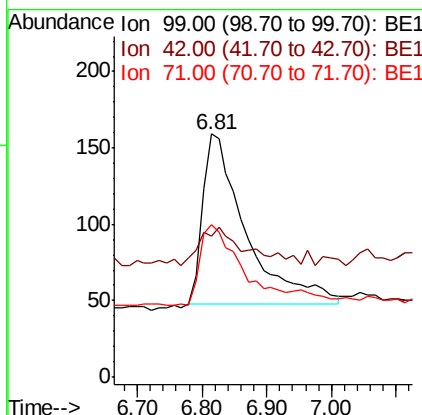
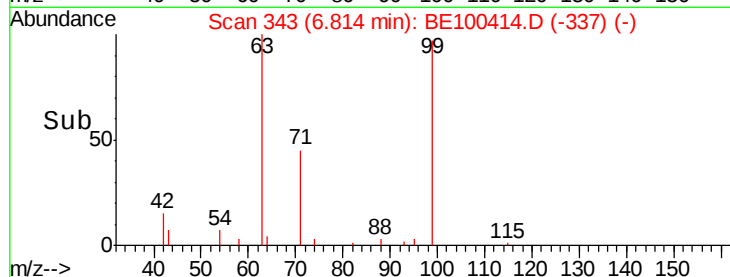
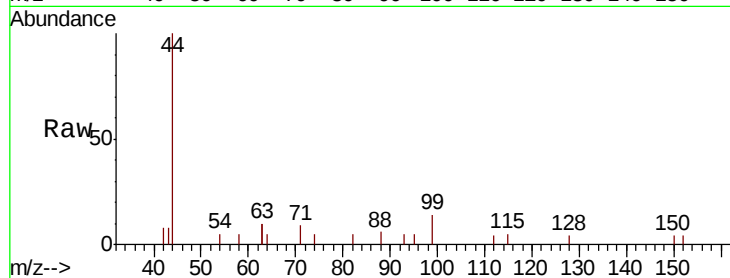
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 513

Ion	Ratio	Lower	Upper
99	100		
42	21.4	0.0	0.0#
71	45.2	34.6	51.8

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.307 ng

RT: 7.06 min Scan# 364

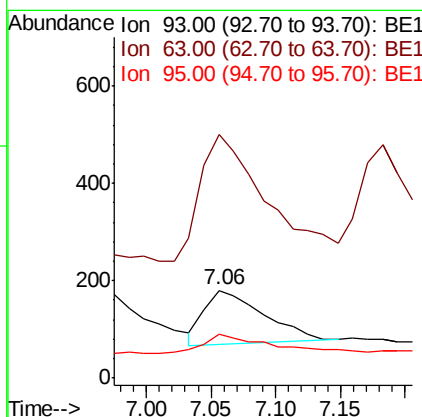
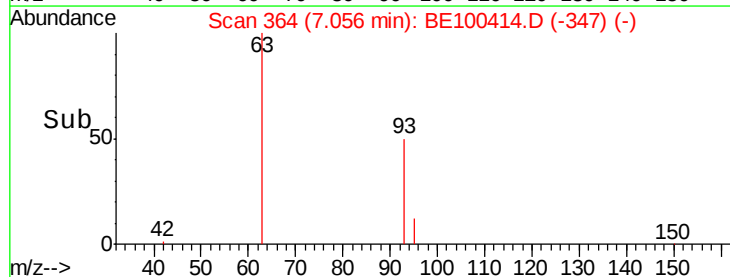
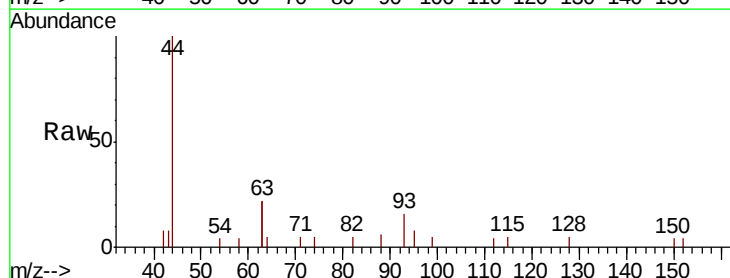
Delta R.T. -0.00 min

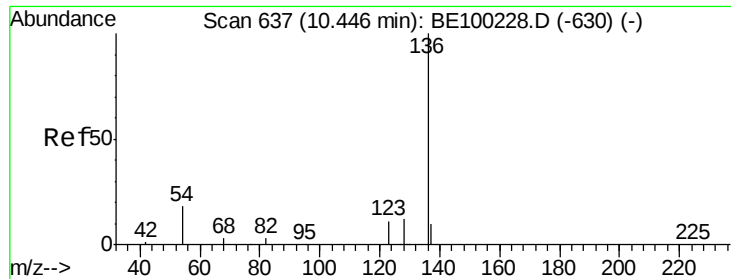
Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion: 93 Resp: 354

Ion	Ratio	Lower	Upper
93	100		
63	266.4	156.0	234.0#
95	40.7	35.4	53.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. 0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

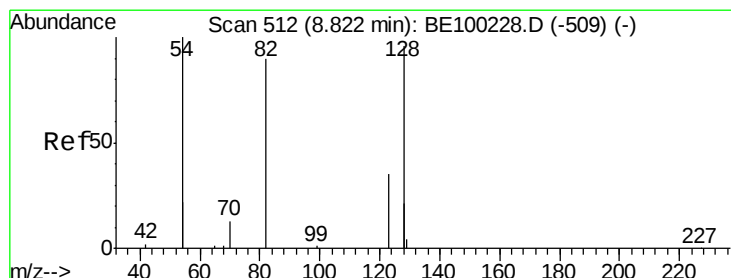
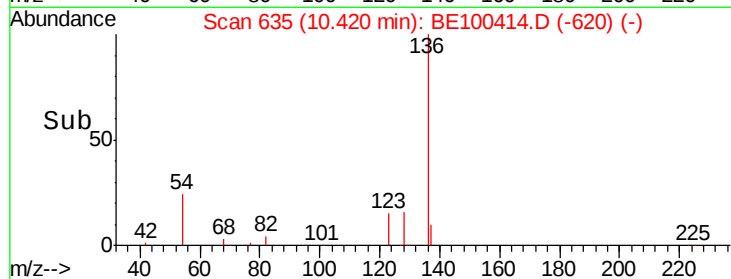
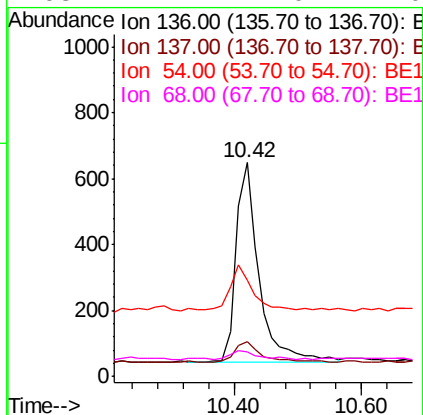
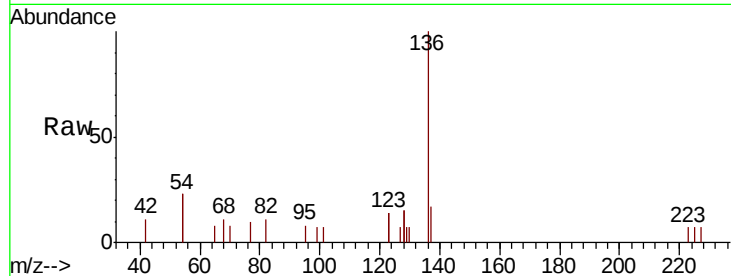
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
136	100		
137	16.5	17.4	26.2#
54	45.1	59.0	88.4#
68	11.4	14.0	21.0#

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



#8

Nitrobenzene-d5

Concen: 0.350 ng

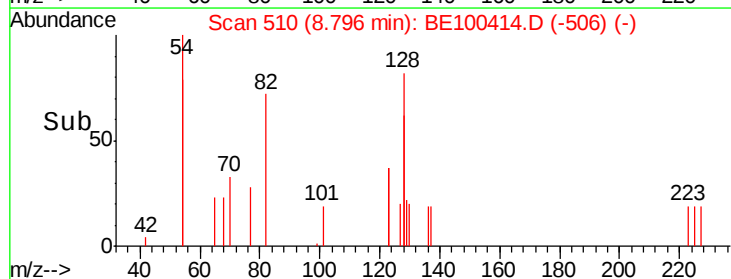
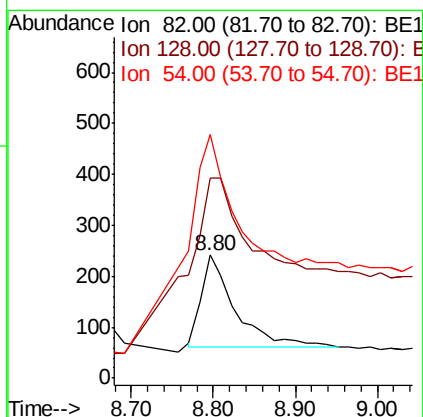
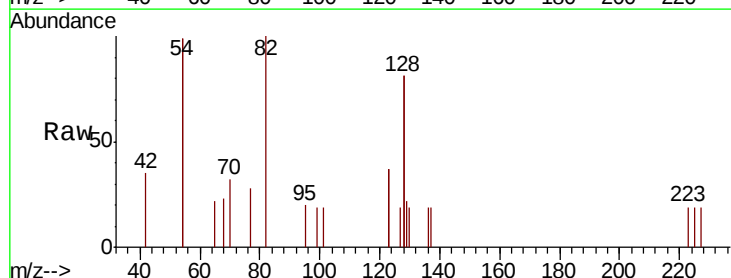
RT: 8.80 min Scan# 510

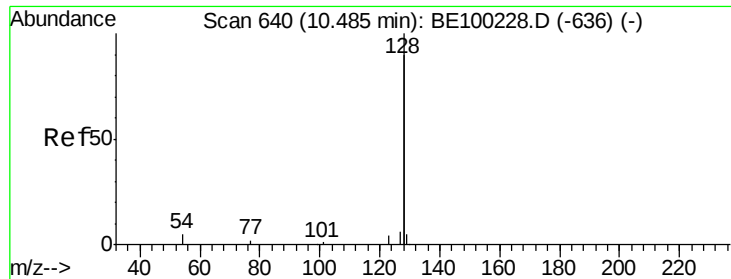
Delta R.T. -0.01 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	162.8	190.6	285.8#
54	197.5	201.5	302.3#





#9

Naphthalene

Concen: 0.436 ng

RT: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

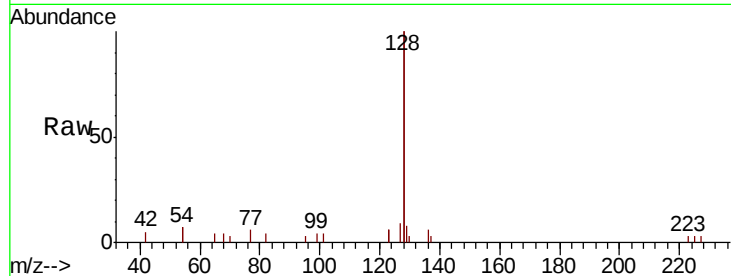
ClientSampleId :

SSTDCCC0.4EC

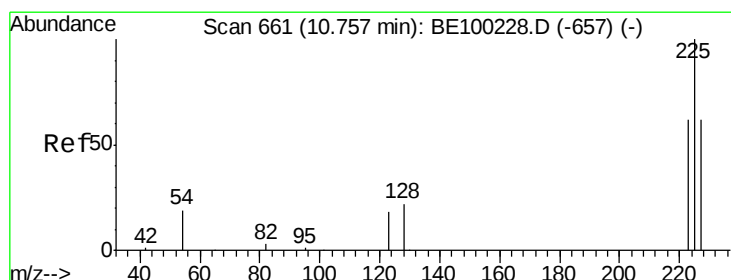
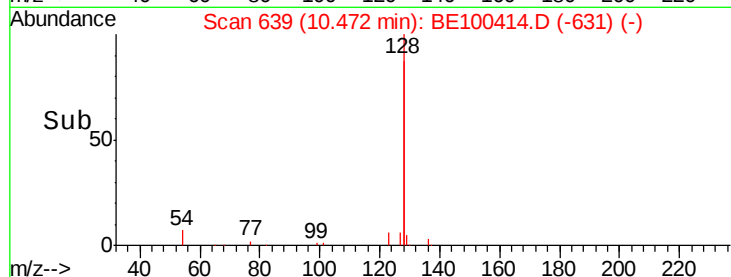
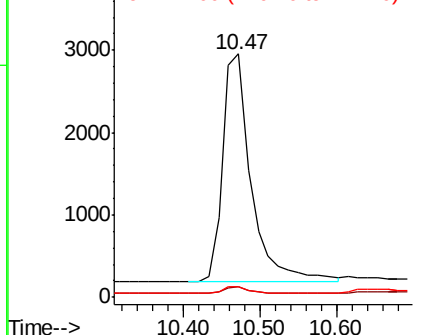
Tgt Ion	Ratio	Lower	Upper
128	100		
129	4.2	4.2	6.2
127	4.5	4.4	6.6

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



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



#10

Hexachlorobutadiene

Concen: 0.538 ng

RT: 10.73 min Scan# 659

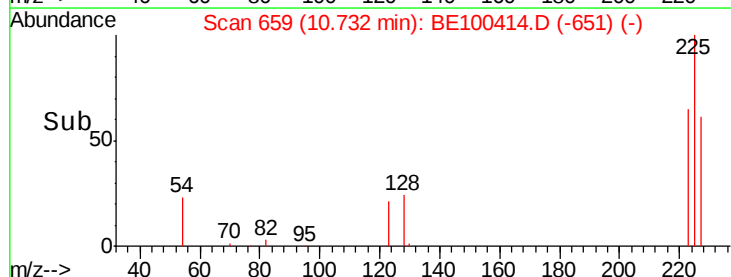
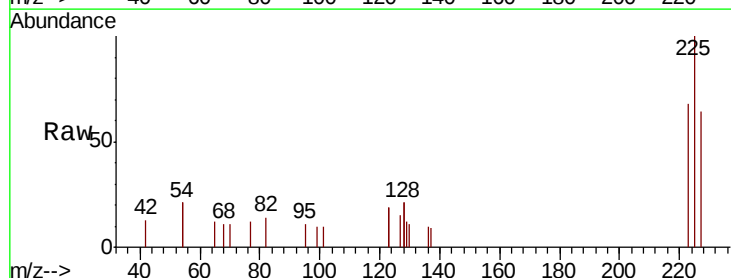
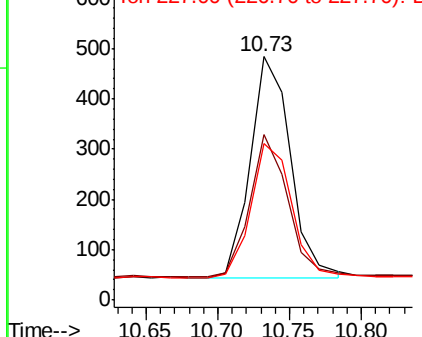
Delta R.T. 0.00 min

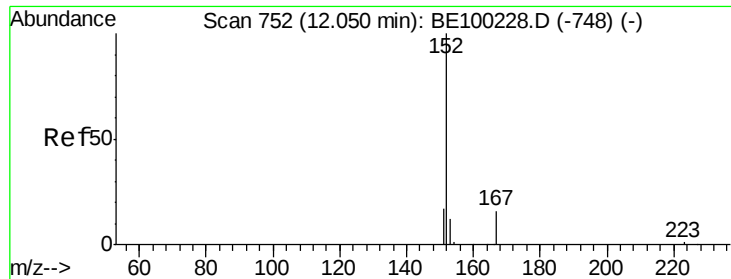
Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.4	72.6
227	62.1	53.8	80.6

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





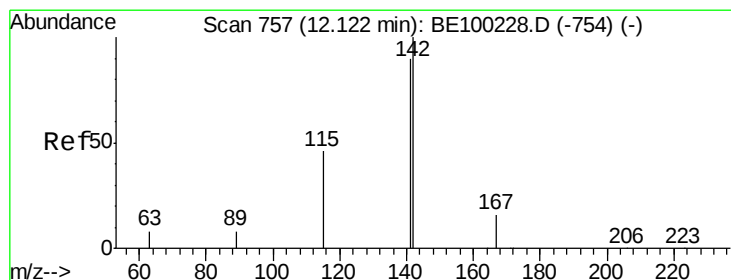
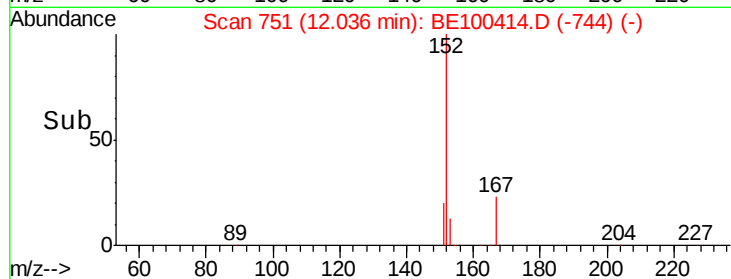
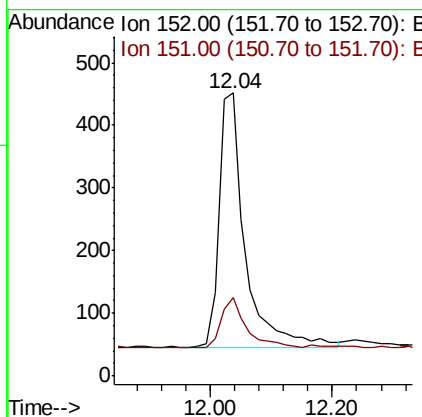
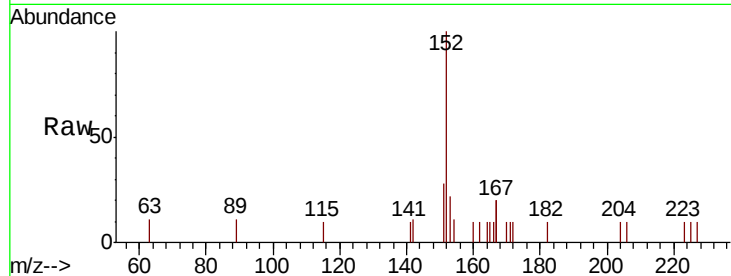
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1222
Ion Ratio Lower Upper
152 100
151 18.9 16.8 25.2

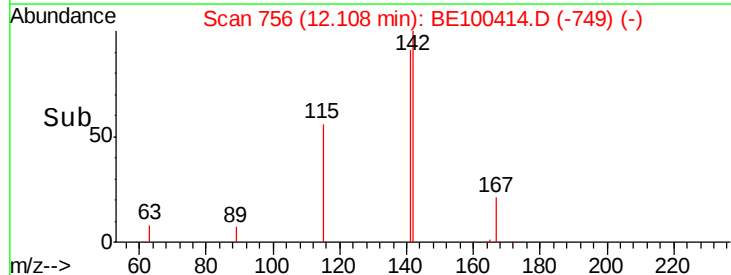
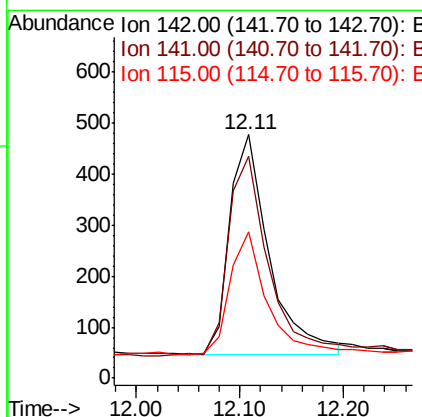
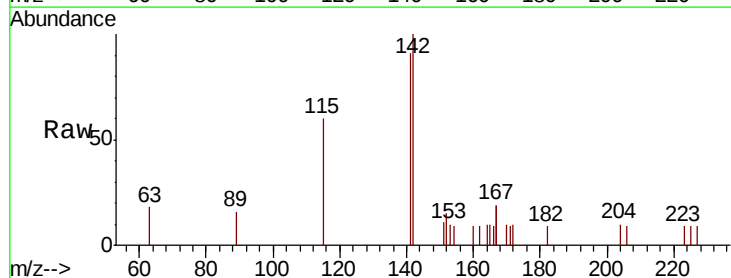
Manual Integrations
APPROVED

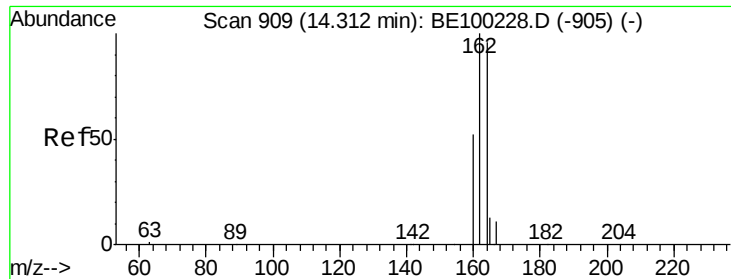
mohammad
7/10/2019 9:04:04 AM



#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:142 Resp: 1157
Ion Ratio Lower Upper
142 100
141 91.2 71.3 106.9
115 60.2 47.4 71.0





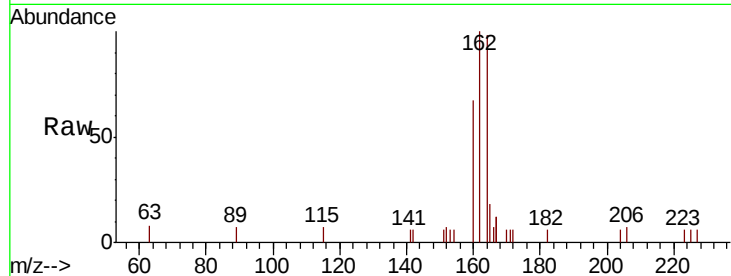
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.9	118.3
160	68.1	53.7	80.5

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:04 AM

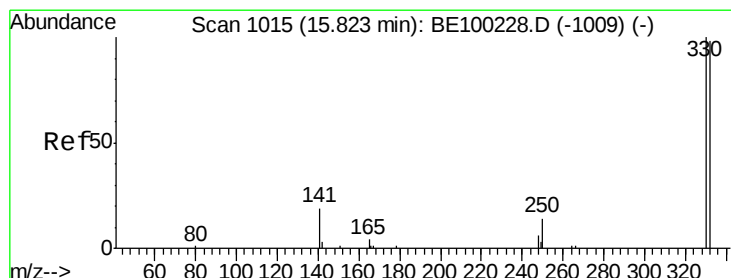
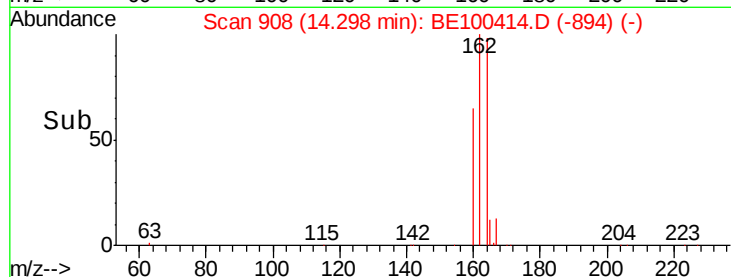
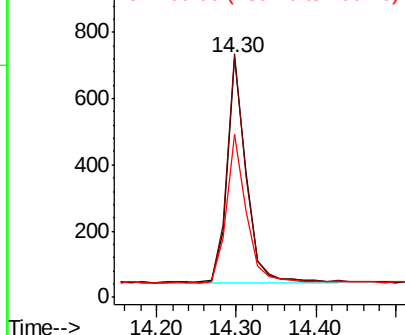


Abundance

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: 0.469 ng
 RT: 15.80 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

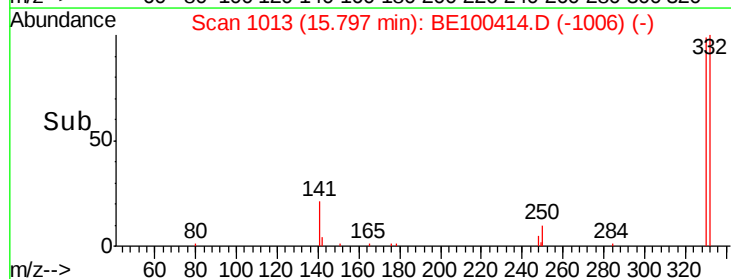
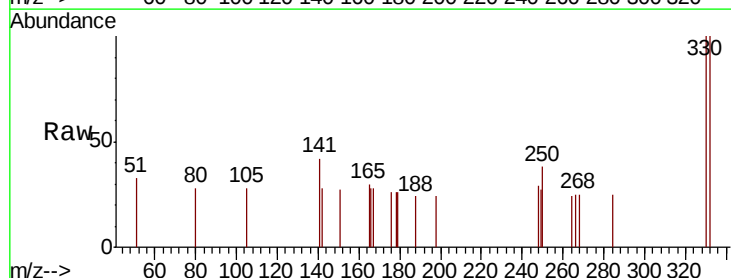
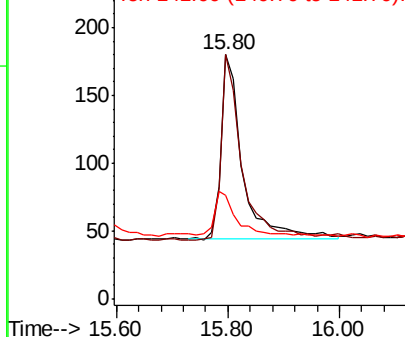
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.0	112.4
141	29.0	19.0	28.6#

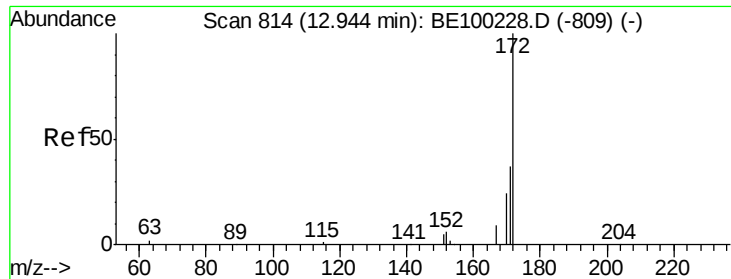
Abundance

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





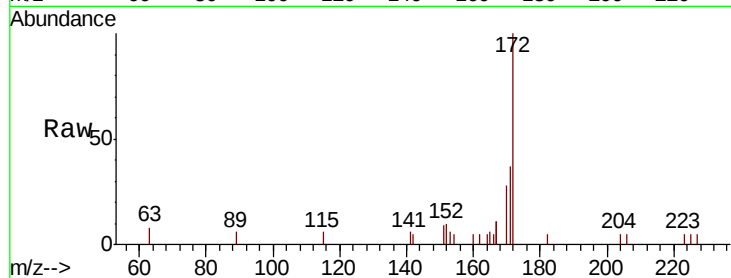
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.2	49.8
170	28.4	25.9	38.9

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM

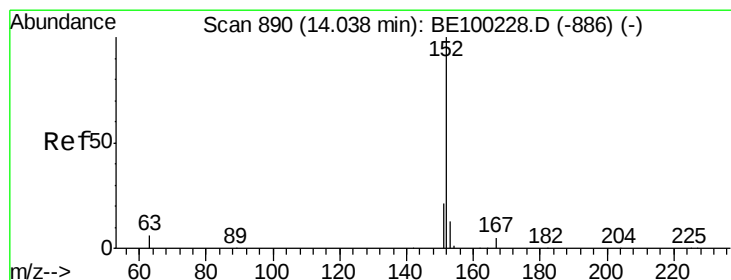
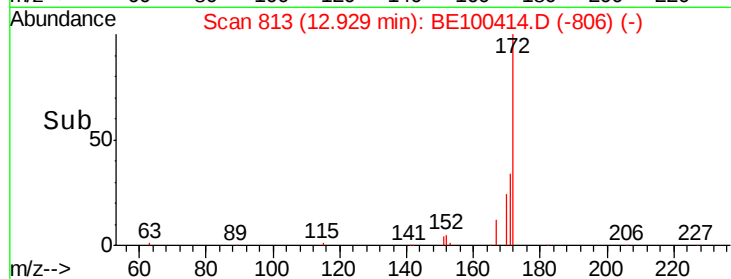
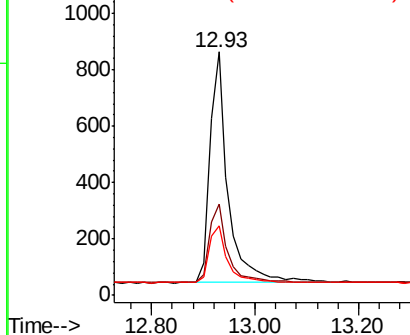


Abundance

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



#16
Acenaphthylene
Concen: 0.448 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

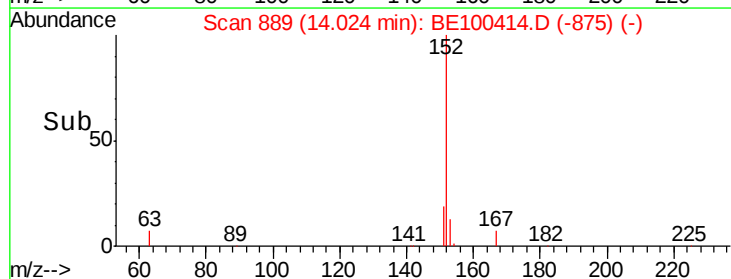
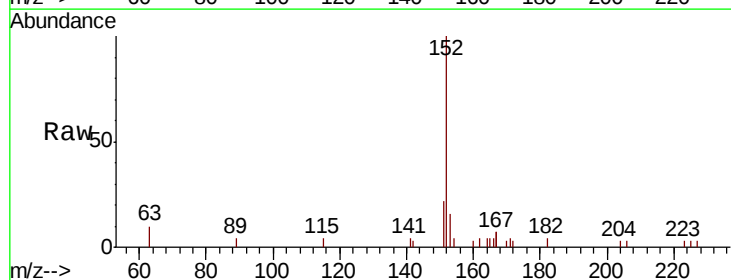
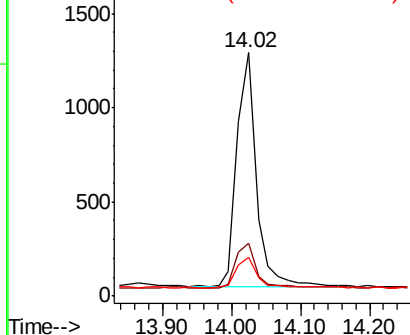
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	13.7	11.2	16.8

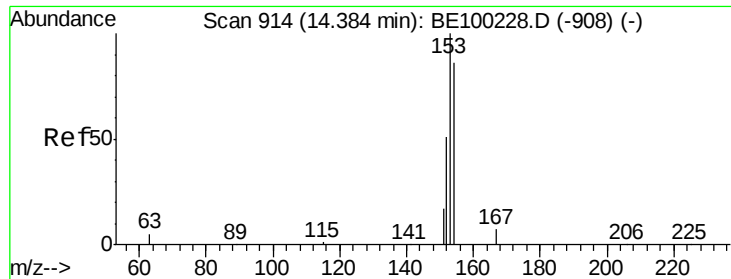
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.441 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

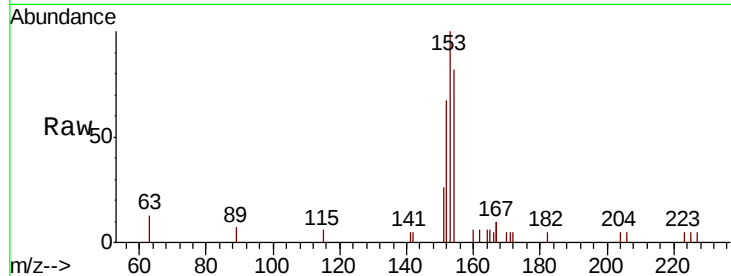
ClientSampleId :

SSTDCCC0.4EC

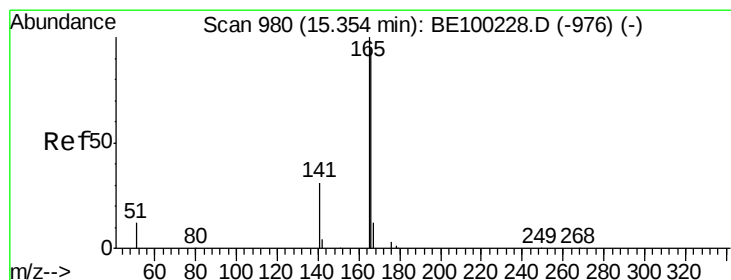
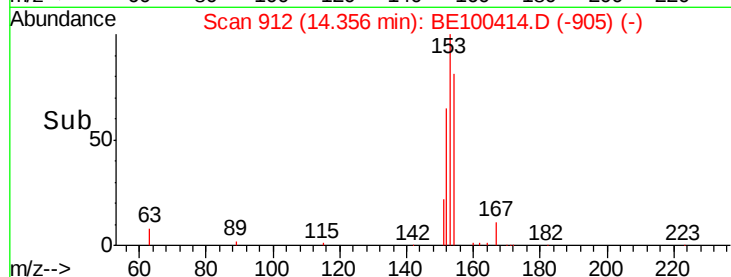
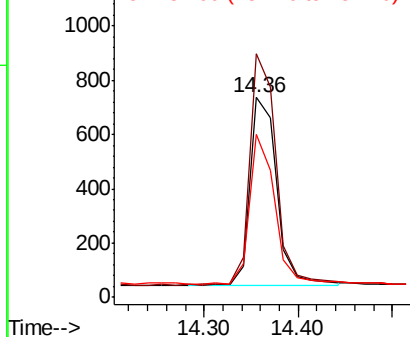
Tgt Ion:	154	Resp:	1360
Ion Ratio	Lower	Upper	
154	100		
153	121.7	99.5	149.3
152	74.9	63.7	95.5

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



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: 0.466 ng

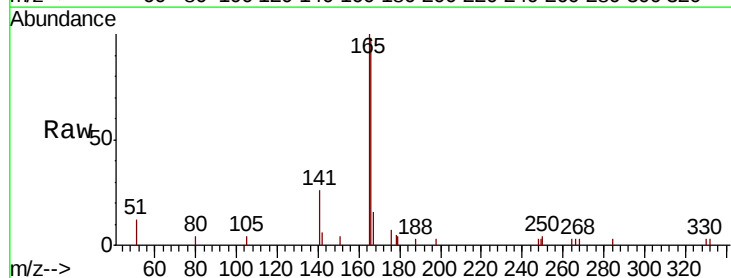
RT: 15.34 min Scan# 979

Delta R.T. 0.00 min

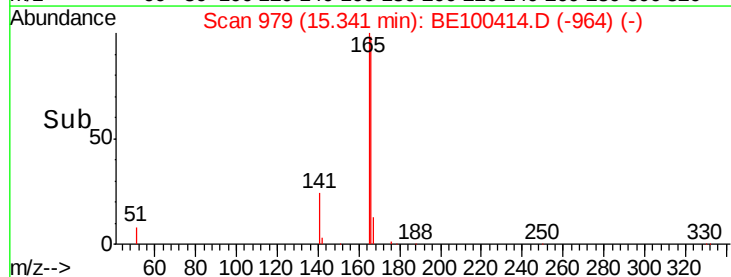
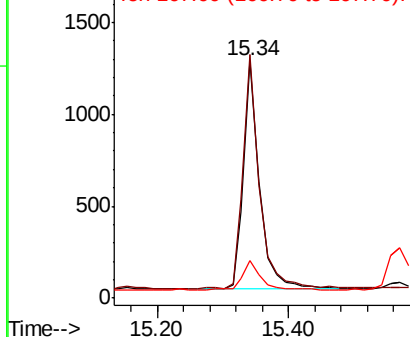
Lab File: BE100414.D

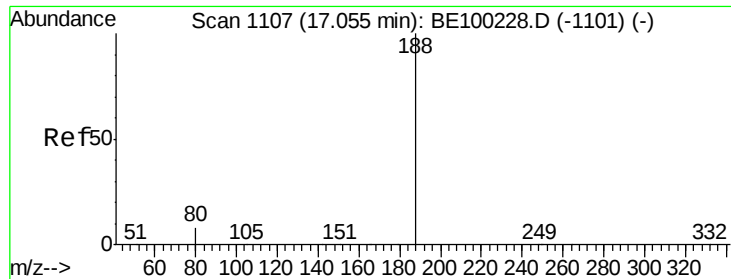
Acq: 8 Jul 2019 16:29

Tgt Ion:	166	Resp:	2125
Ion Ratio	Lower	Upper	
166	100		
165	105.3	82.3	123.5
167	14.1	9.9	14.9



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





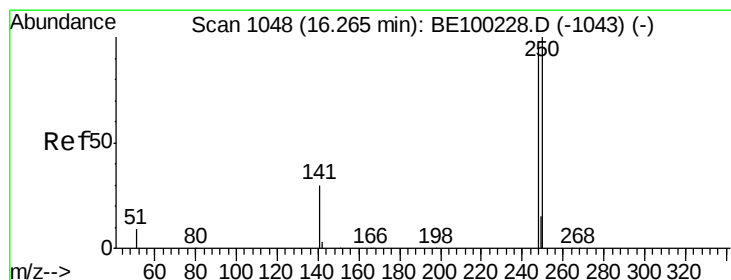
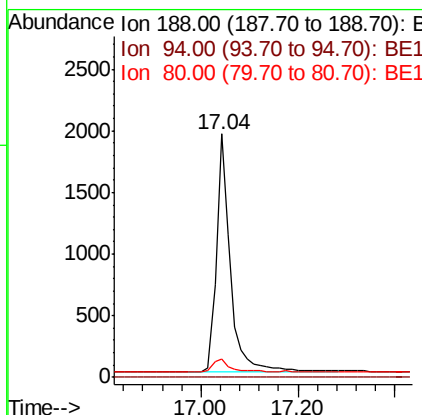
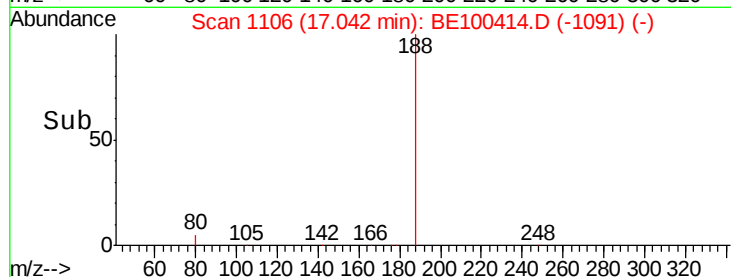
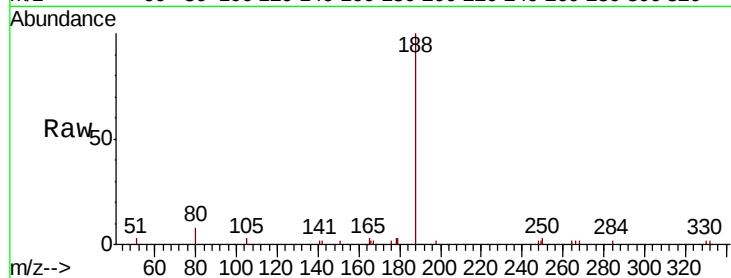
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampled :
SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	7.8	8.8	13.2#

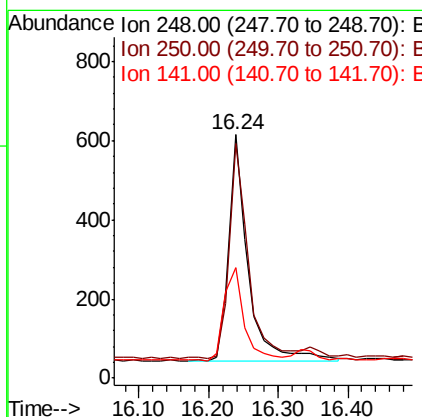
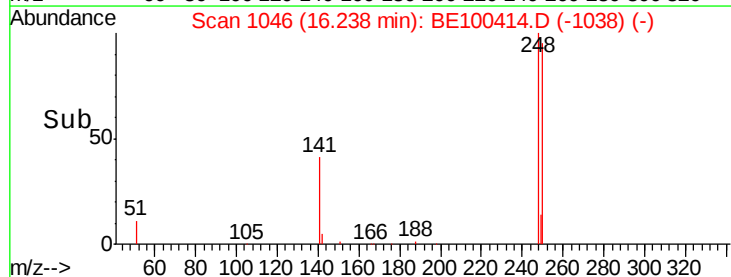
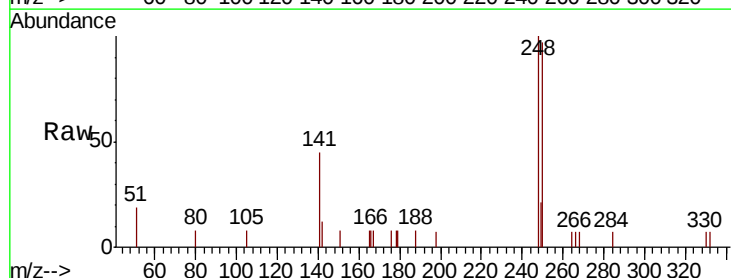
Manual Integrations
APPROVED

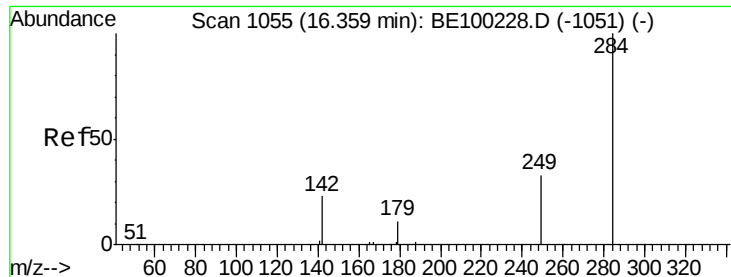
mohammad
7/10/2019 9:04:04 AM



#20
4-Bromophenyl-phenylether
Concen: 0.440 ng
RT: 16.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.6	76.4	114.6
141	45.2	45.0	67.4





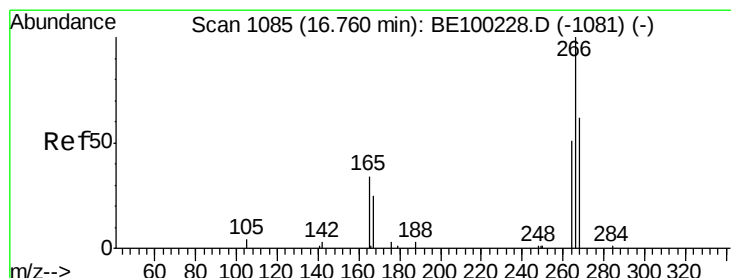
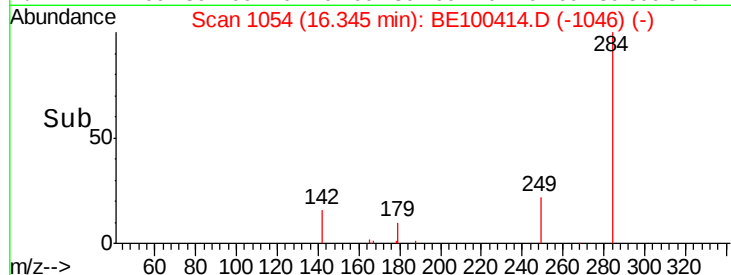
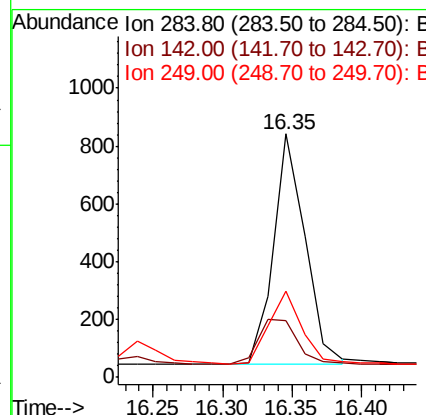
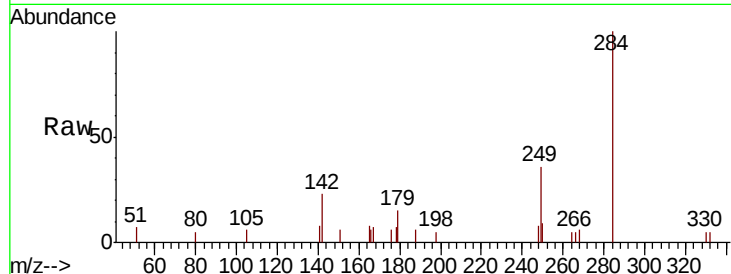
#21
Hexachlorobenzene
Concen: 0.496 ng
RT: 16.35 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.2	18.6	28.0
249	32.2	24.6	37.0

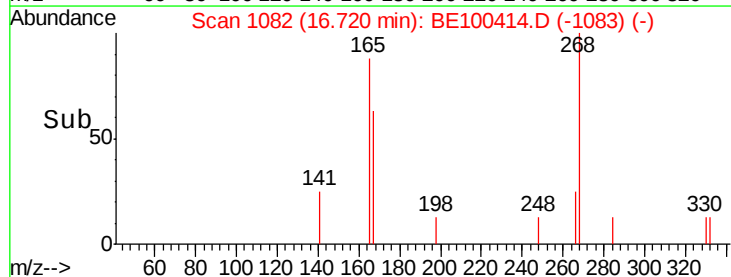
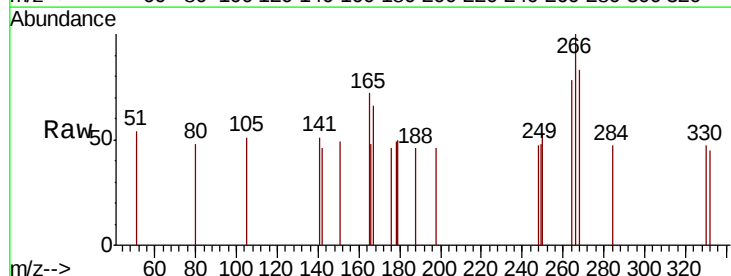
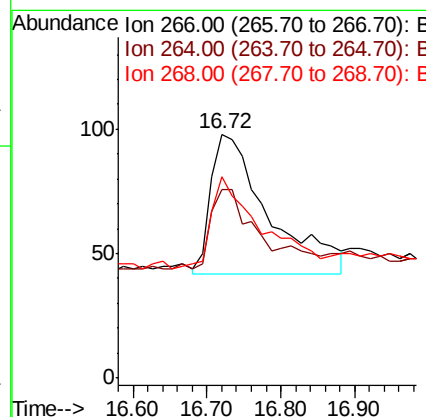
Manual Integrations
APPROVED

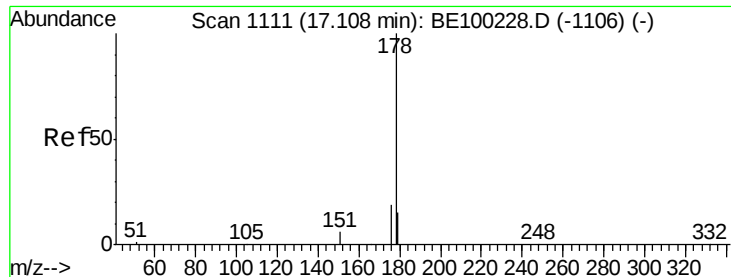
mohammad
7/10/2019 9:04:04 AM



#22
Pentachlorophenol
Concen: 0.397 ng m
RT: 16.72 min Scan# 1082
Delta R.T. -0.12 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.6	69.6	104.4
268	82.7	72.6	108.8





#23

Phenanthrene

Concen: 0.421 ng

RT: 17.08 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

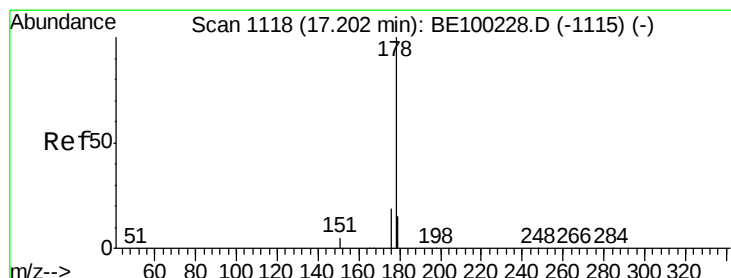
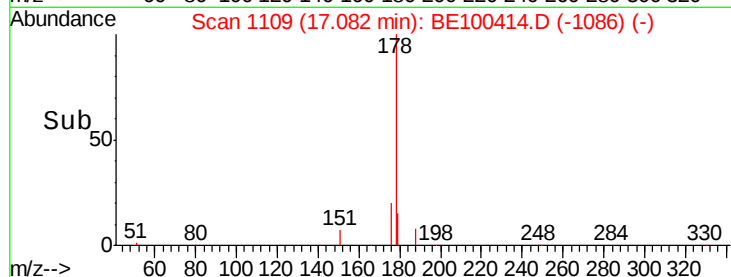
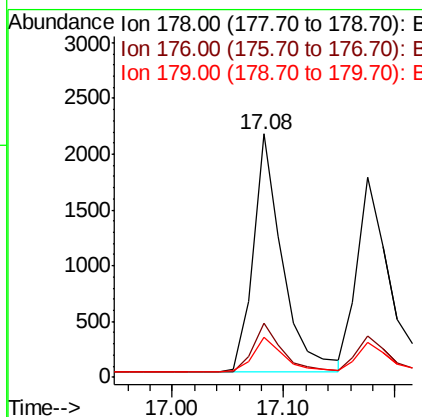
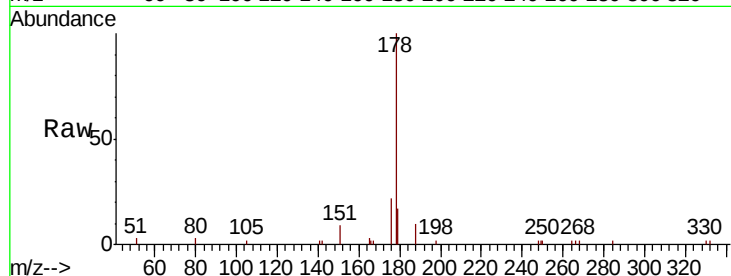
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	178	Resp:	3915
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.9	23.9
179	15.8	12.6	18.8

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



#24

Anthracene

Concen: 0.397 ng

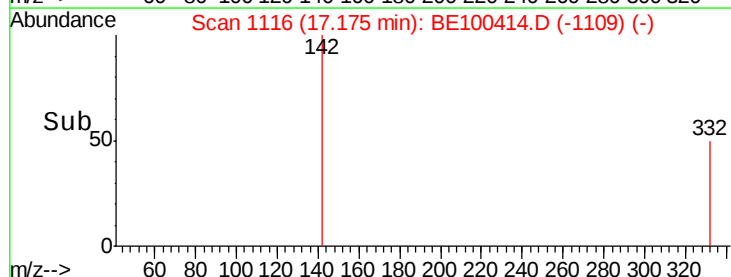
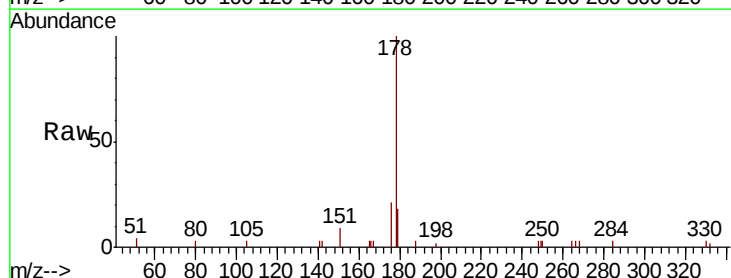
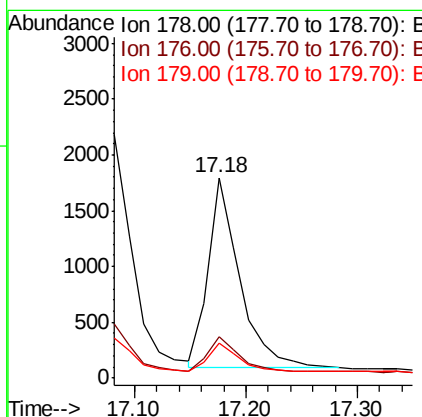
RT: 17.18 min Scan# 1116

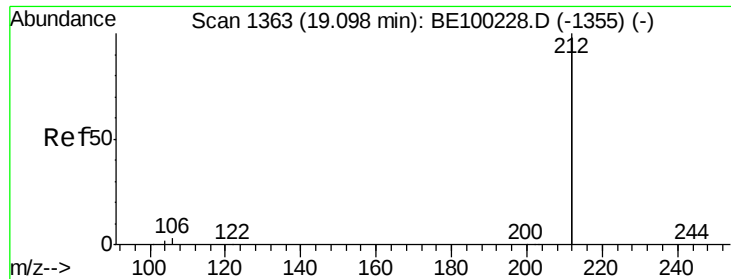
Delta R.T. -0.01 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion:	178	Resp:	3326
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.5	21.7
179	14.7	11.6	17.4





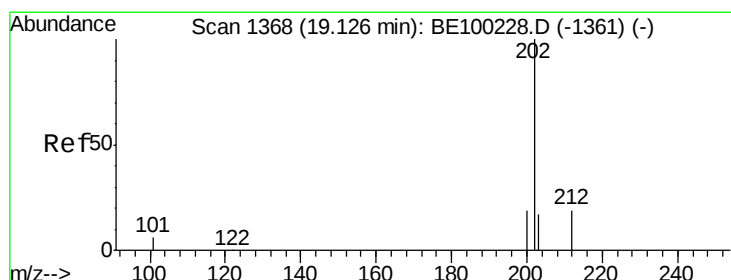
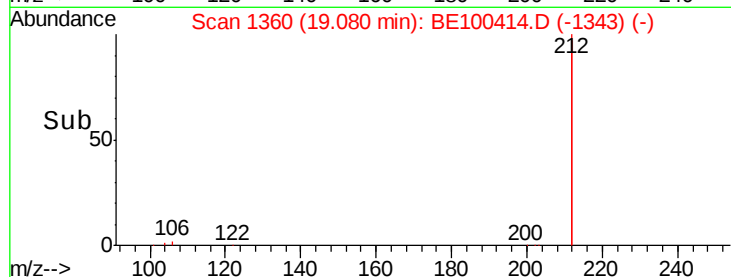
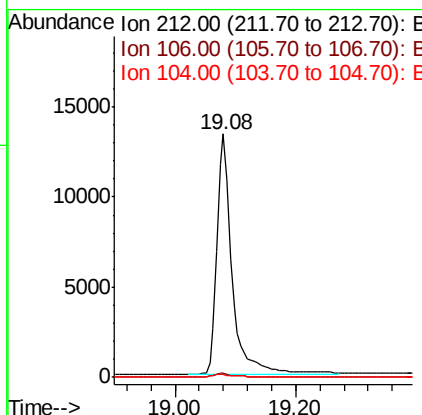
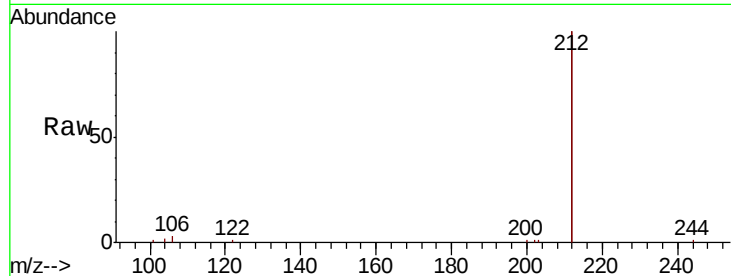
#25
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 19.08 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.3	1.0	1.4
104	0.8	0.6	1.0

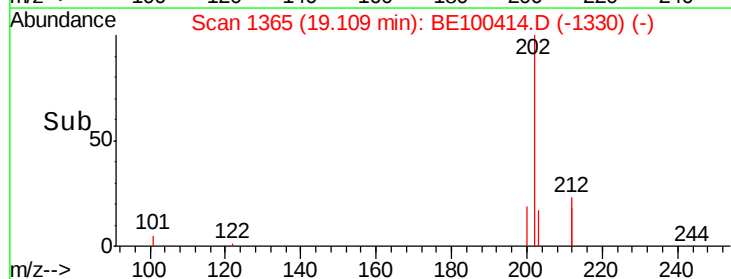
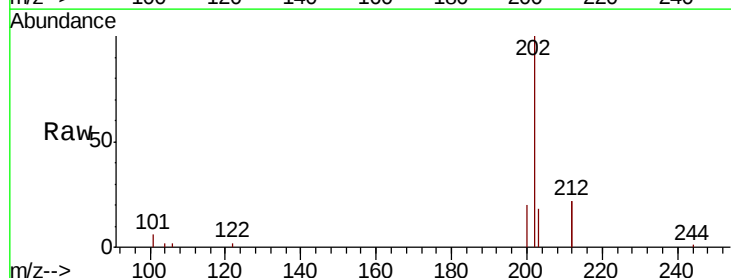
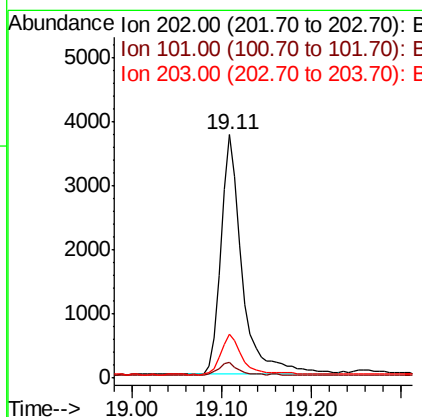
Manual Integrations
 APPROVED

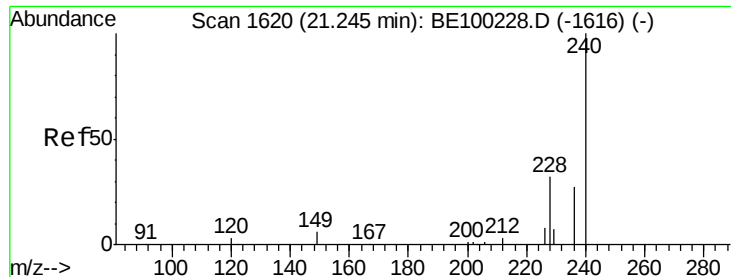
mohammad
 7/10/2019 9:04:04 AM



#26
 Fluoranthene
 Concen: 0.416 ng
 RT: 19.11 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.2	6.2
203	17.1	13.7	20.5





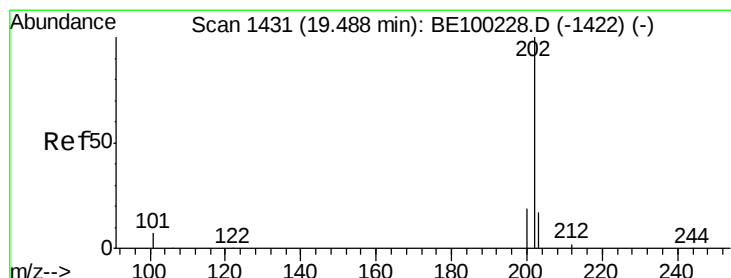
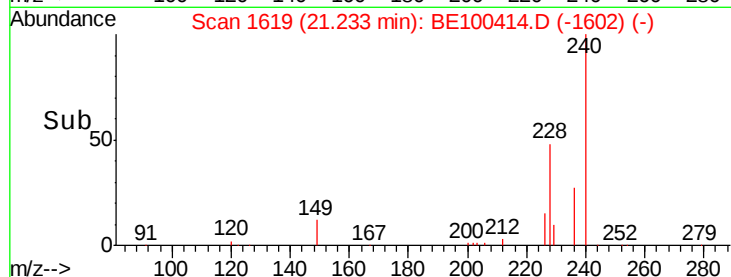
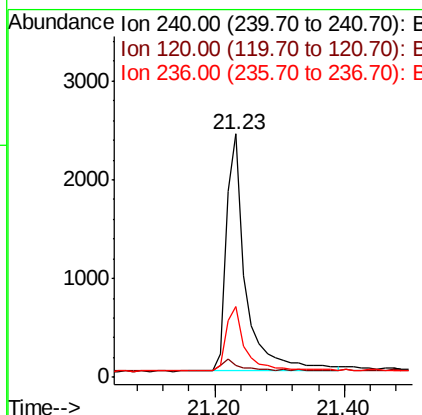
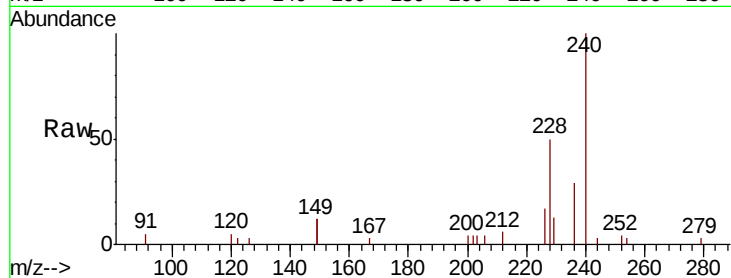
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 5057
Ion Ratio Lower Upper
240 100
120 4.8 5.4 8.2#
236 28.8 23.2 34.8

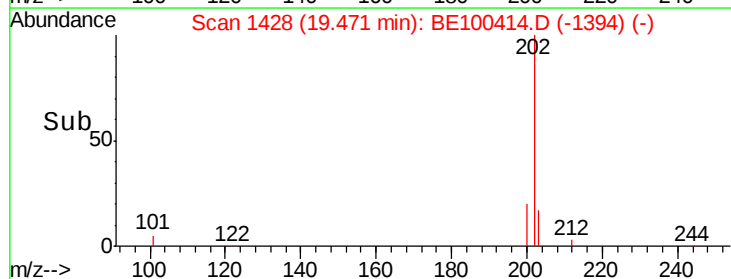
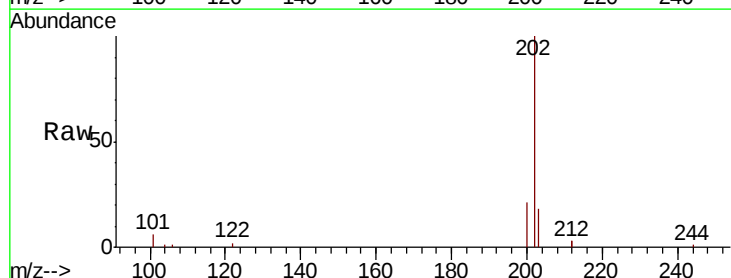
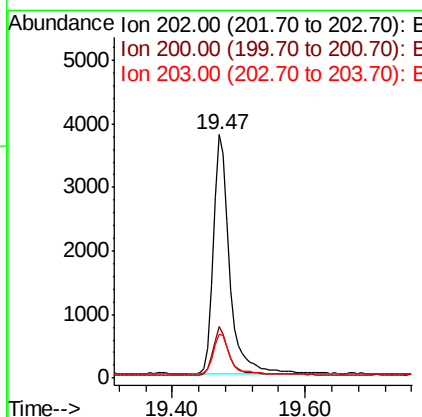
Manual Integrations
APPROVED

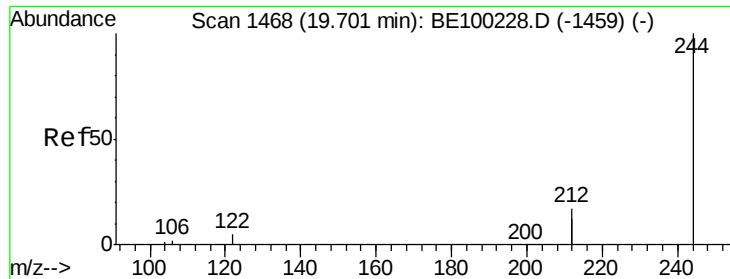
mohammad
7/10/2019 9:04:04 AM



#28
Pyrene
Concen: 0.478 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:202 Resp: 6405
Ion Ratio Lower Upper
202 100
200 19.8 15.2 22.8
203 18.1 14.1 21.1





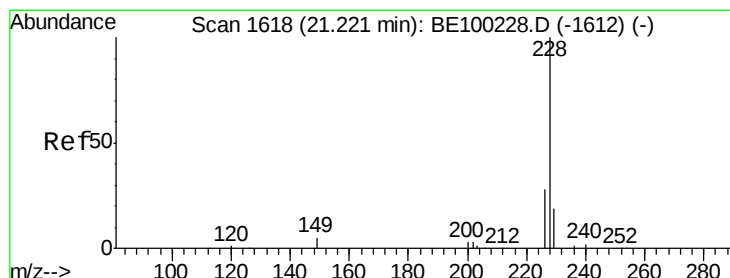
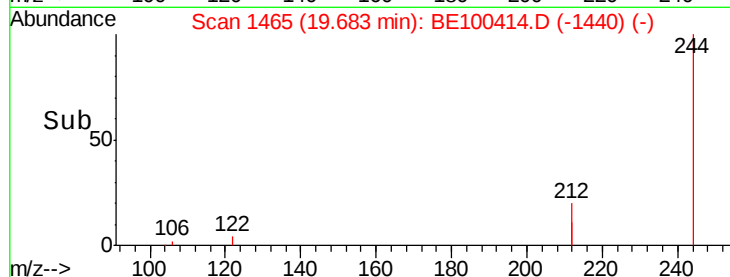
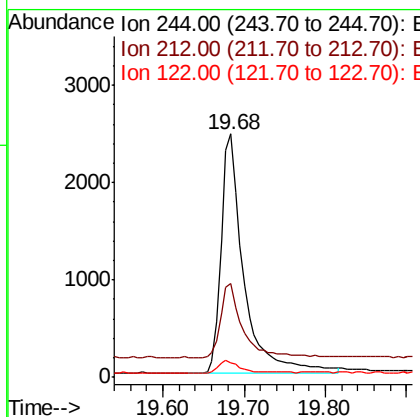
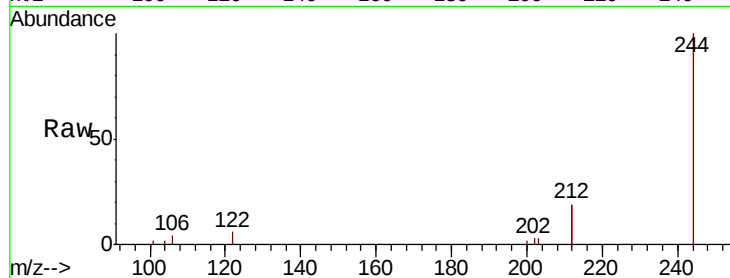
#29
 Terphenyl-d14
 Concen: 0.451 ng
 RT: 19.68 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	38.8	33.0	49.6
122	6.1	5.8	8.8

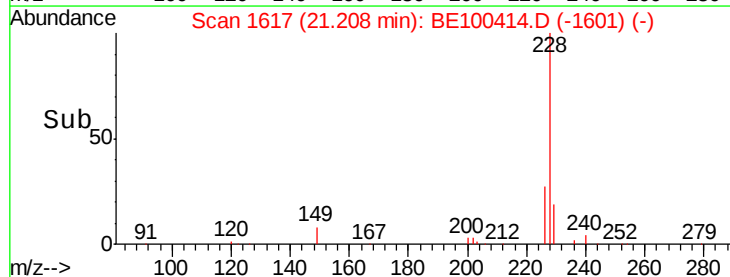
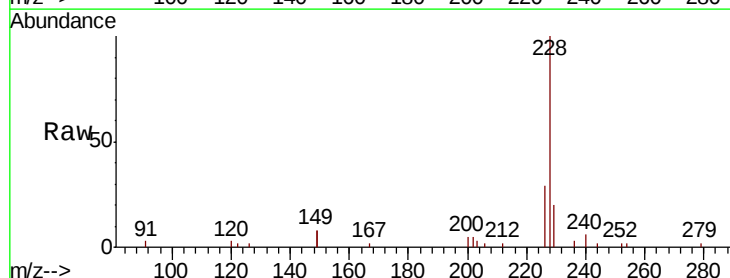
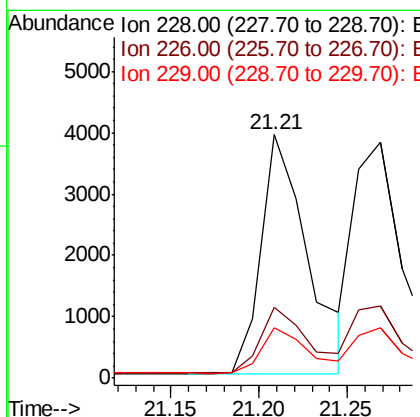
Manual Integrations
 APPROVED

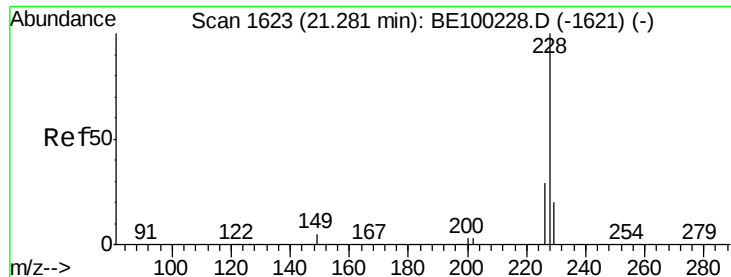
mohammad
 7/10/2019 9:04:04 AM



#30
 Benzo(a)anthracene
 Concen: 0.430 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100414.D
 Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.0	33.0
229	20.4	17.4	26.0





#31

Chrysene

Concen: 0.422 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

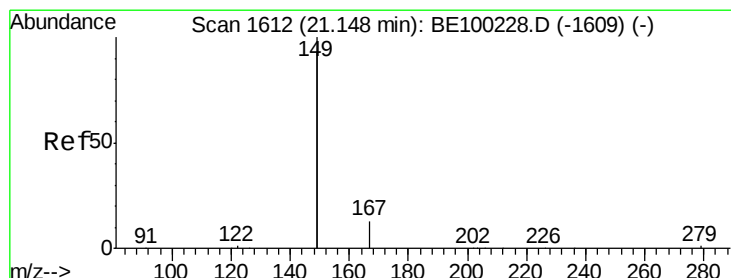
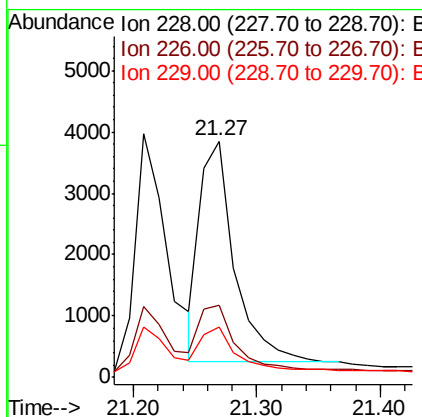
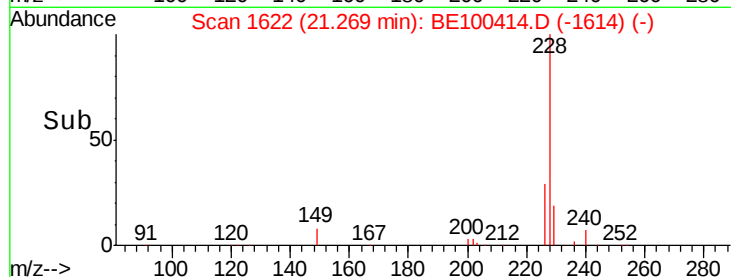
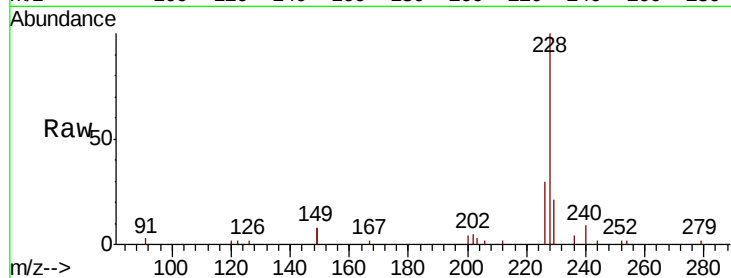
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	228	Resp:	7049
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	21.1	16.9	25.3

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.331 ng

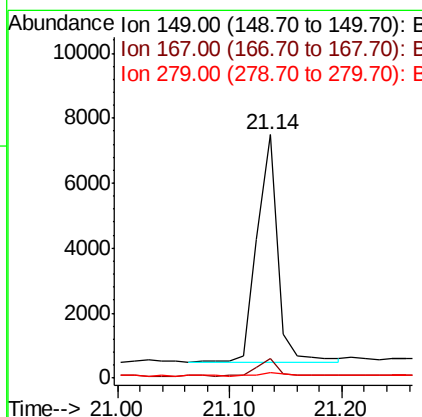
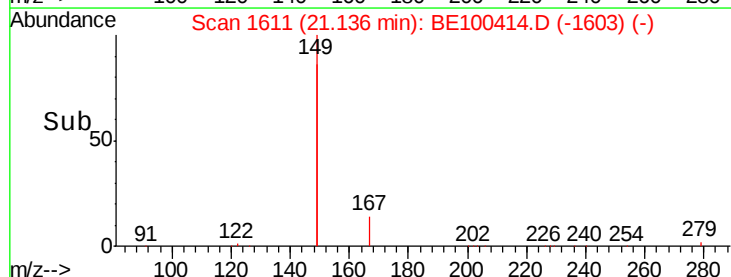
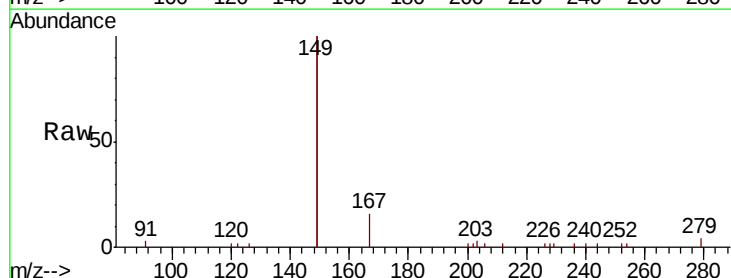
RT: 21.14 min Scan# 1611

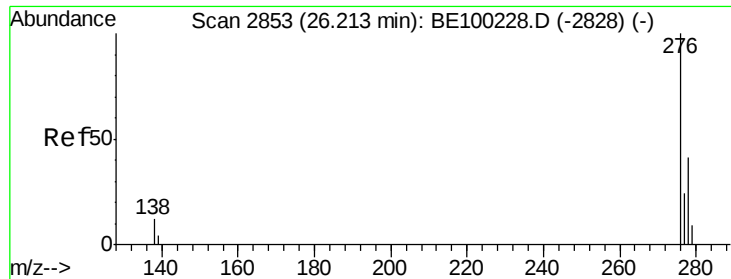
Delta R.T. -0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion:	149	Resp:	9125
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.7	8.5
279	1.7	1.4	2.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.445 ng

RT: 26.19 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

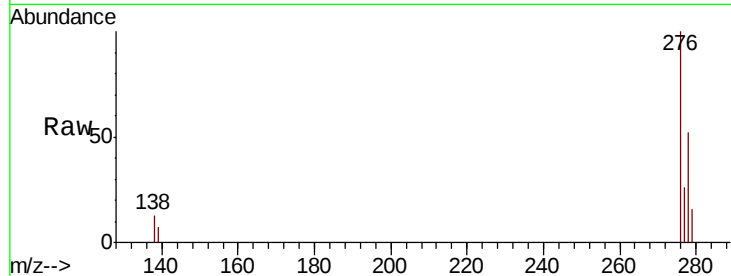
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	276	Resp:	9822
Ion Ratio	Lower	Upper	
276	100		
138	10.7	7.6	11.4
277	22.2	20.0	30.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM

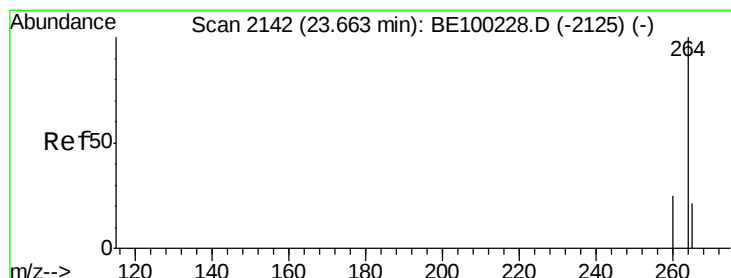
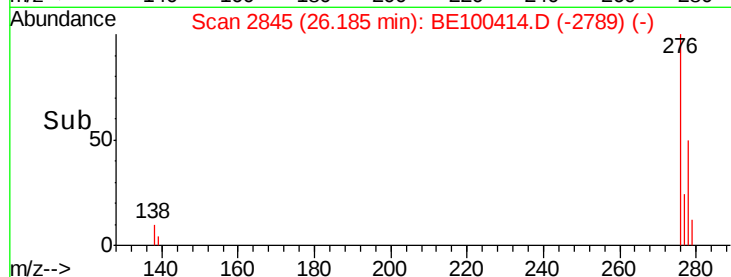
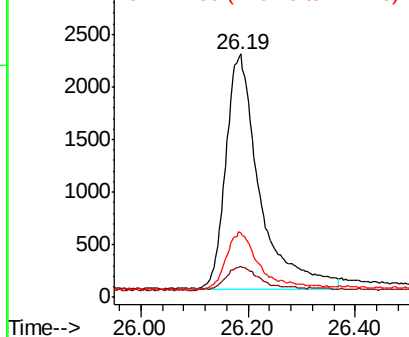


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

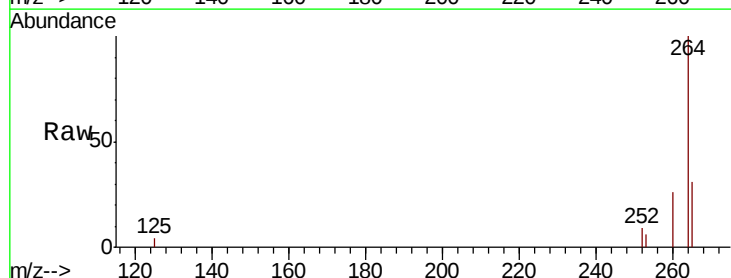
RT: 23.64 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BE100414.D

Acq: 8 Jul 2019 16:29

Tgt Ion:	264	Resp:	6279
Ion Ratio	Lower	Upper	
264	100		
260	26.0	22.0	33.0
265	30.9	26.0	39.0

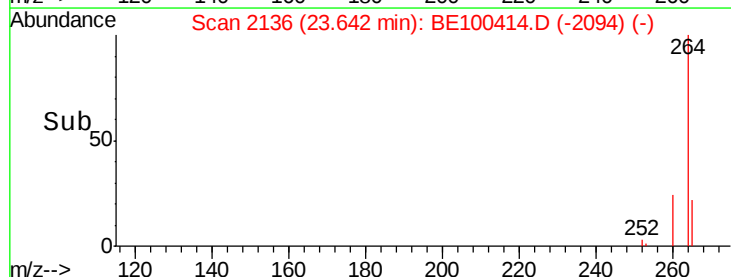
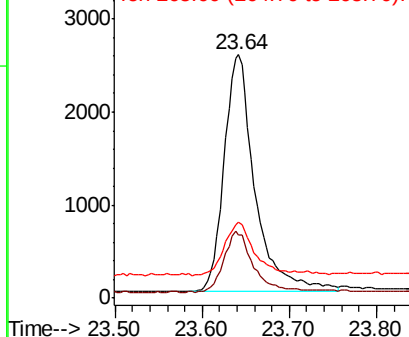


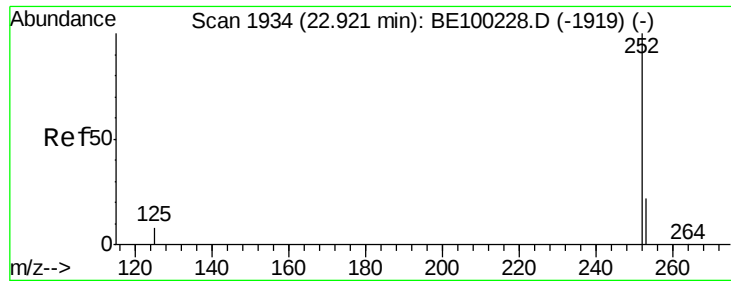
Abundance

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





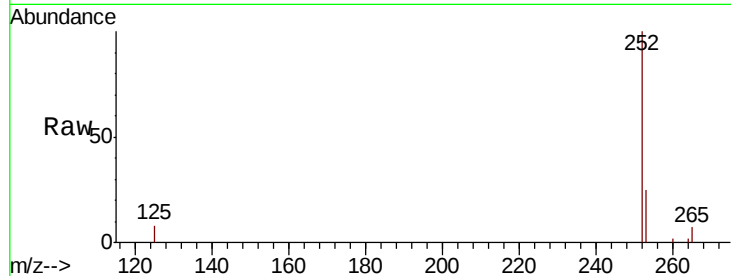
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.90 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.0	30.0
125	7.7	6.3	9.5

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM

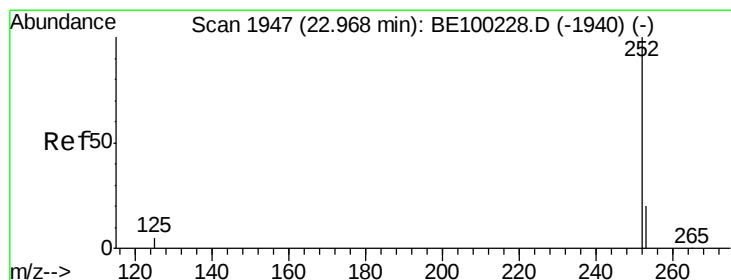
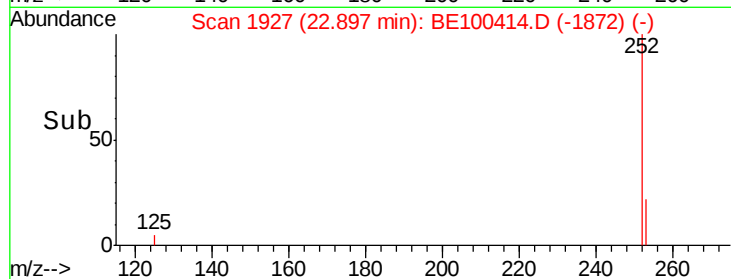
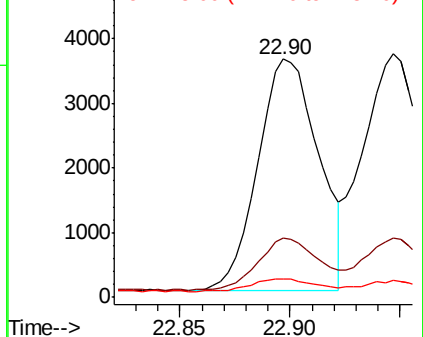


Abundance

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: 0.494 ng m
RT: 22.95 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

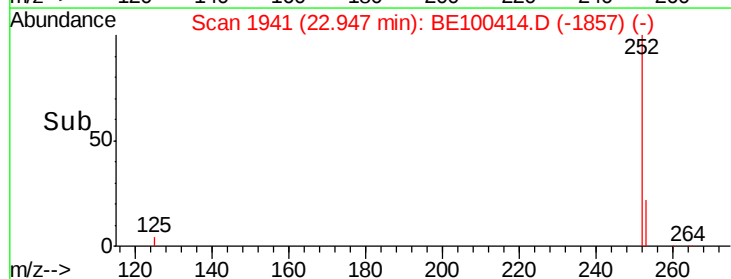
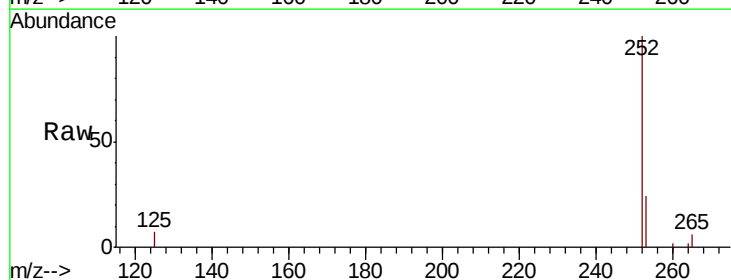
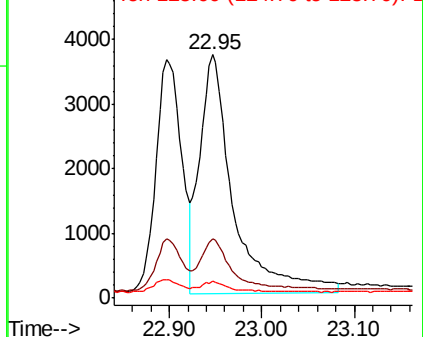
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	6.8	5.4	8.0

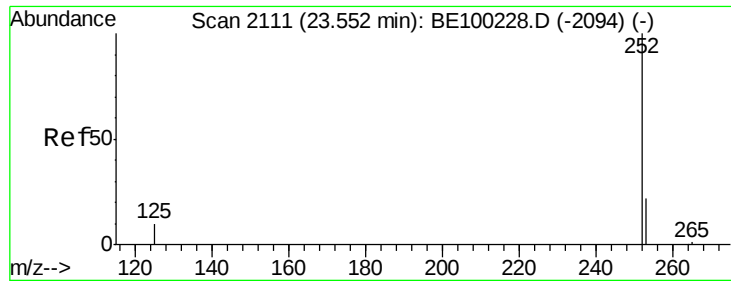
Abundance

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





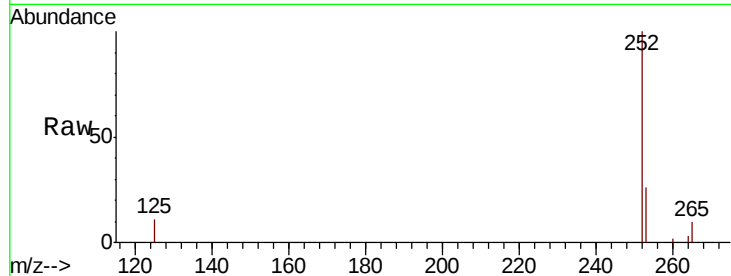
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.53 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

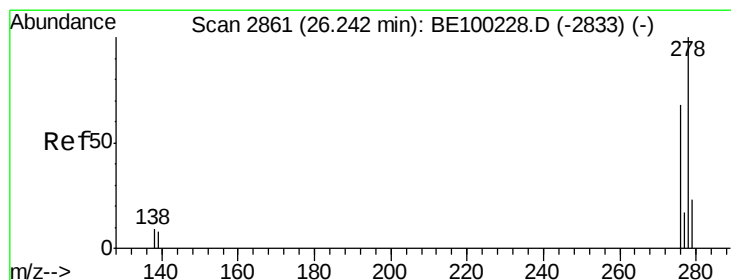
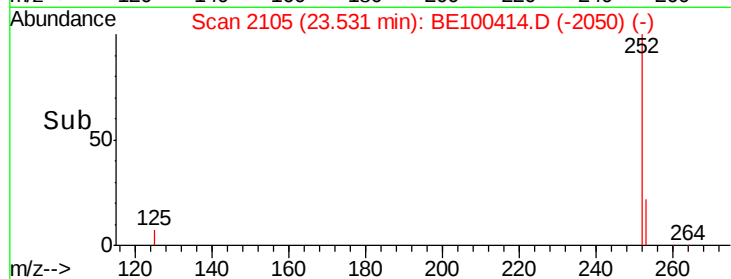
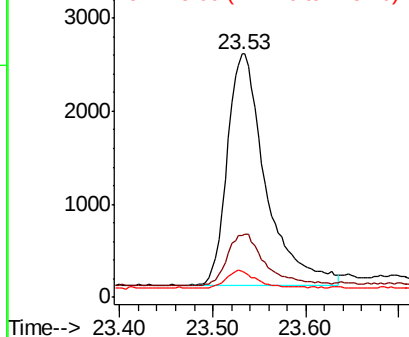
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.0	31.6
125	10.8	7.8	11.8

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:04 AM



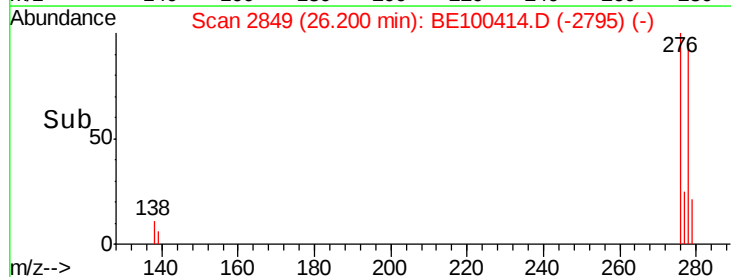
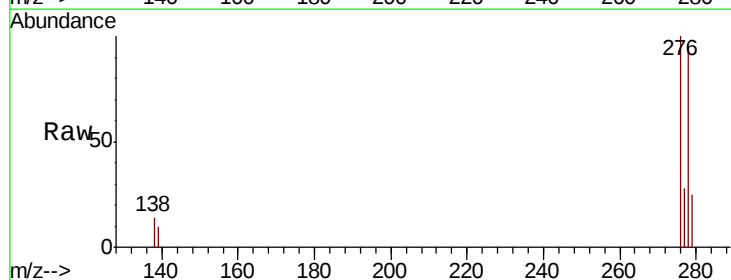
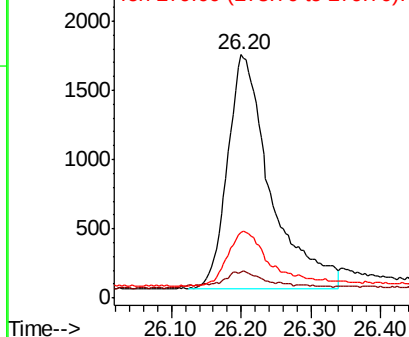
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

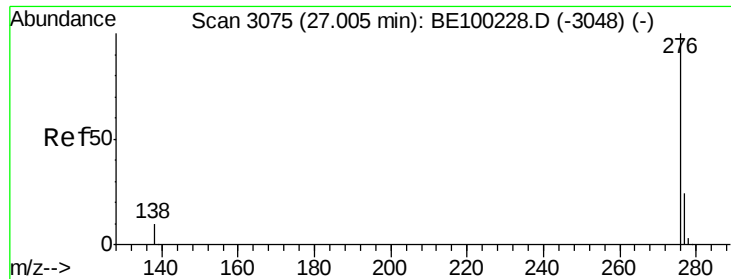


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.20 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.8	14.8
279	26.7	22.6	34.0

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(g,h,i)perylene

Concen: 0.465 ng

RT: 26.96 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BE100414.D

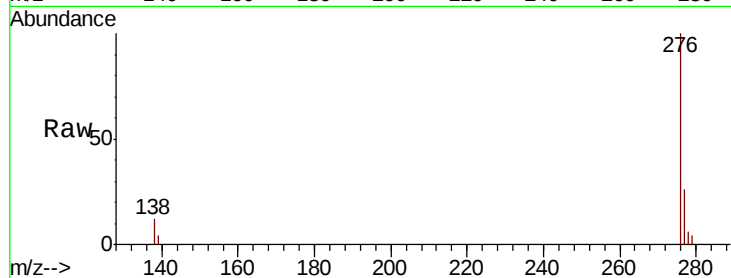
Acq: 8 Jul 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 8521

Ion Ratio Lower Upper

276 100

277 26.1 20.7 31.1

138 12.2 10.2 15.2

Manual Integrations

APPROVED

mohammad

7/10/2019 9:04:04 AM

