

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098273.D
 Acq On : 29 Nov 2018 14:36
 Operator : SJ/JU
 Sample : PB115083BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115083BS

Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:50:23 PM

Quant Time: Nov 30 10:57:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1821	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7382	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4168	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9545	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12193	0.40	ng	0.00
34) Perylene-d12	24.01	264	12418	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1484	0.31	ng	0.01
5) Phenol-d6	7.04	99	1766	0.26	ng	0.00
8) Nitrobenzene-d5	9.02	82	2071	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3185m	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	429	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4726	0.27	ng	0.00
25) Fluoranthene-d10	19.32	212	31756	0.25	ng	0.00
29) Terphenyl-d14	19.91	244	8453	0.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	987	0.299	ng	# 49
3) n-Nitrosodimethylamine	3.68	42	982	0.281	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1463	0.232	ng	88
9) Naphthalene	10.71	128	21719	0.293	ng	99
10) Hexachlorobutadiene	10.99	225	1256	0.264	ng	99
12) 2-Methylnaphthalene	12.34	142	3566	0.290	ng	99
16) Acenaphthylene	14.25	152	5598	0.288	ng	99
17) Acenaphthene	14.60	154	3265	0.282	ng	100
18) Fluorene	15.57	166	4368	0.284	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1441	0.267	ng	88
21) Hexachlorobenzene	16.58	284	1500	0.268	ng	98
22) Pentachlorophenol	16.94	266	480	0.307	ng	97
23) Phenanthrene	17.32	178	6526	0.275	ng	99
24) Anthracene	17.41	178	6044	0.274	ng	99
26) Fluoranthene	19.34	202	8429	0.261	ng	99
28) Pyrene	19.71	202	8652	0.256	ng	99
30) Benzo(a)anthracene	21.45	228	9850	0.274	ng	100
31) Chrysene	21.51	228	10026	0.275	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	22332	0.260	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	11524	0.313	ng	98
35) Benzo(b)fluoranthene	23.23	252	10295	0.283	ng	99
36) Benzo(k)fluoranthene	23.28	252	10972	0.287	ng	99
37) Benzo(a)pyrene	23.90	252	10048	0.286	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	9661	0.291	ng	98
39) Benzo(g,h,i)perylene	27.54	276	9928	0.298	ng	98

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

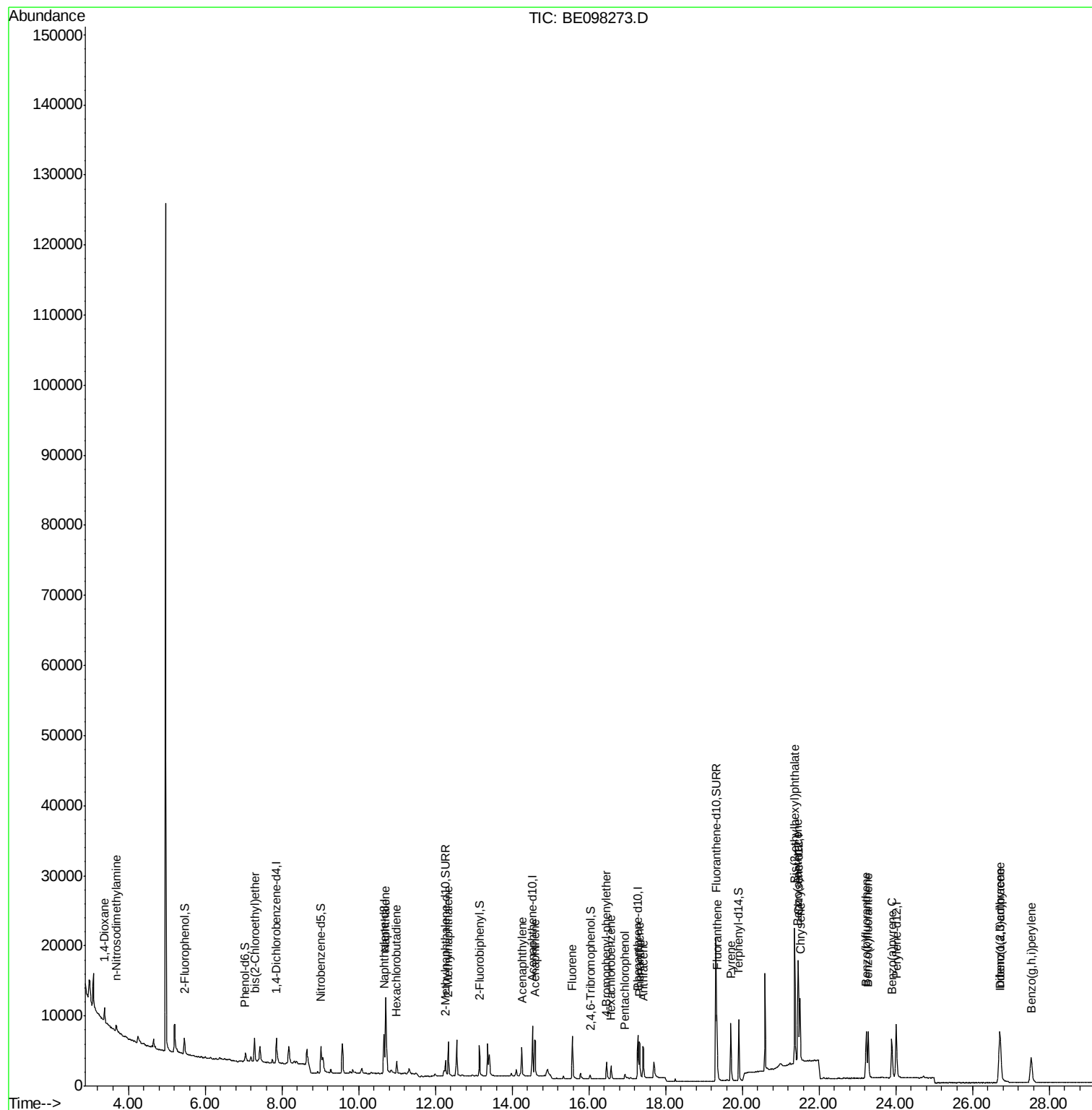
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098273.D
Acq On : 29 Nov 2018 14:36
Operator : SJ/JU
Sample : PB115083BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

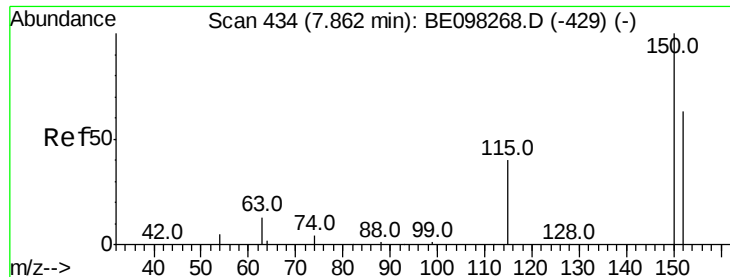
Instrument :
BNA_E
ClientSampleId :
PB115083BS

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM

Quant Time: Nov 30 10:57:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

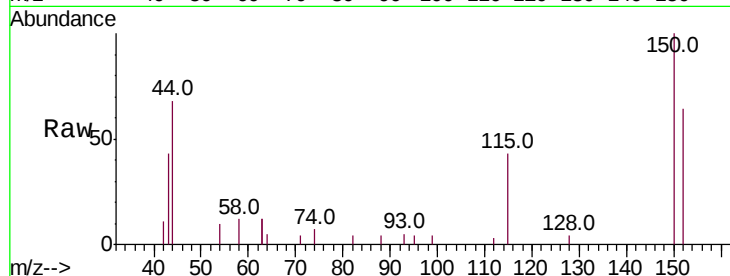
ClientSampleId :

PB115083BS

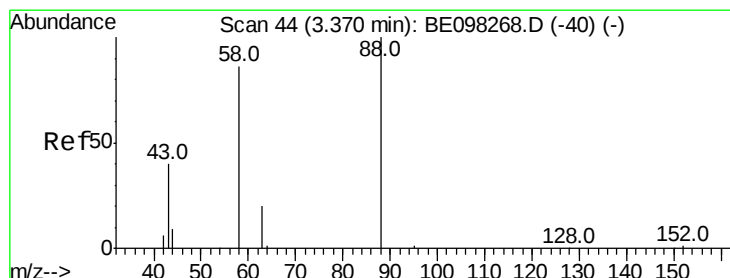
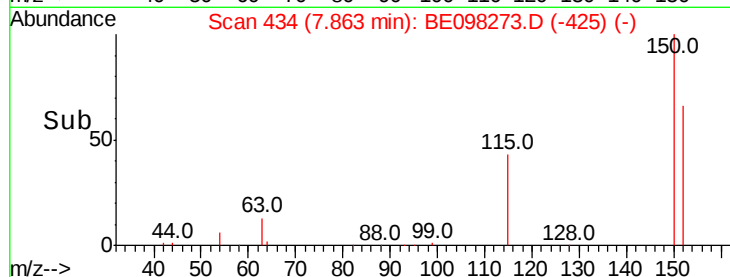
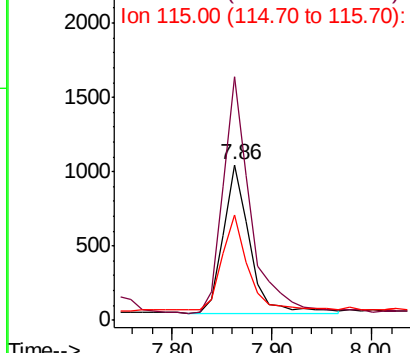
Tot Ion:	152	Resp:	1821
Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	67.8	53.9	80.9

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 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: 0.299 ng

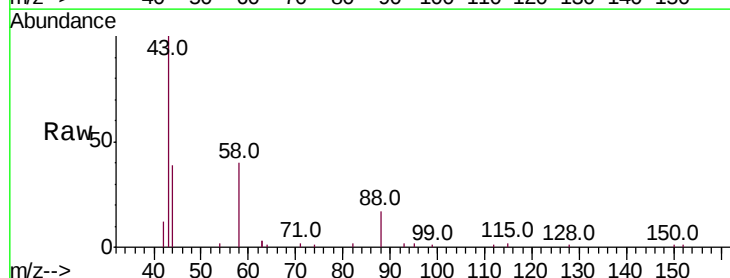
RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

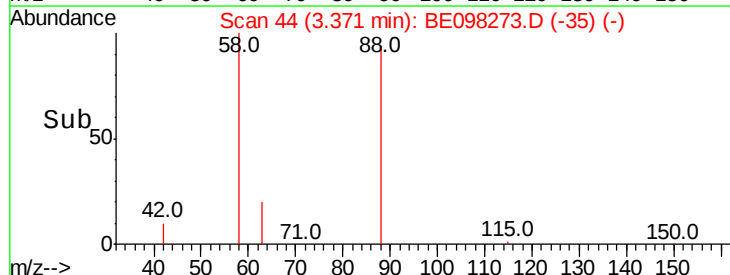
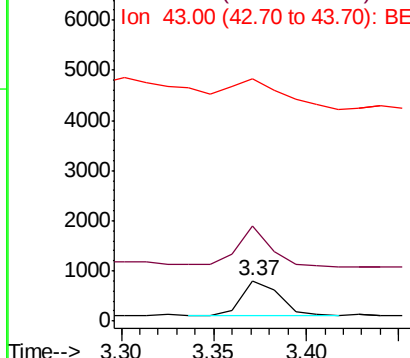
Lab File: BE098273.D

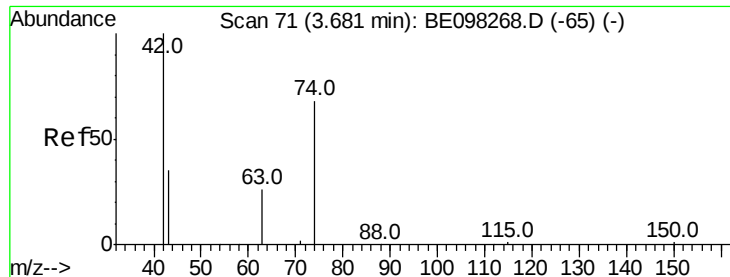
Acq: 29 Nov 2018 14:36

Tgt Ion:	88	Resp:	987
Ion	Ratio	Lower	Upper
88	100		
58	112.5	75.0	112.6
43	124.4	38.3	57.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.281 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

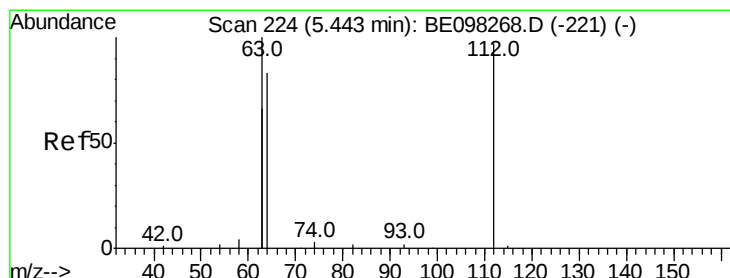
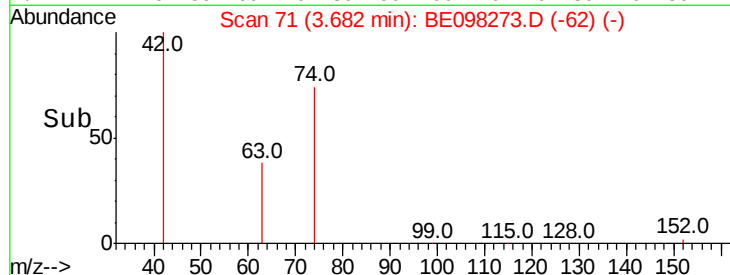
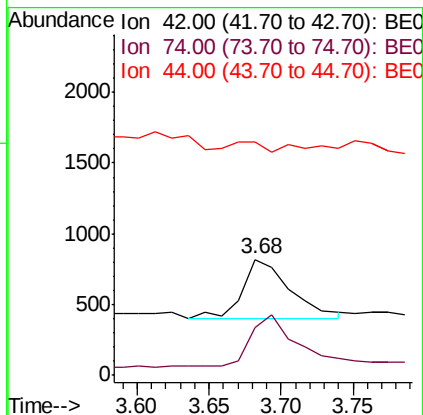
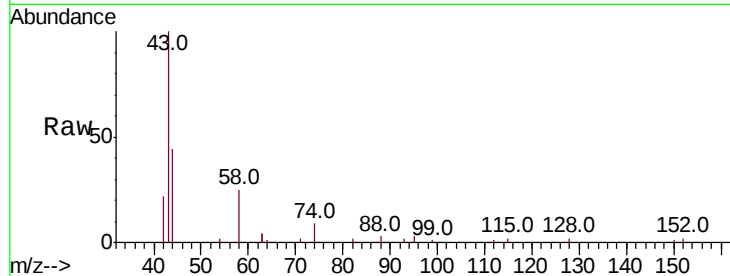
ClientSampleId :

PB115083BS

Tot Ion:	42	Resp:	982
Ion	Ratio	Lower	Upper
42	100		
74	80.4	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#4

2-Fluorophenol

Concen: 0.305 ng

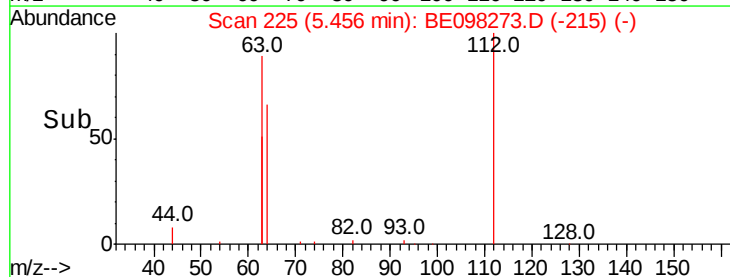
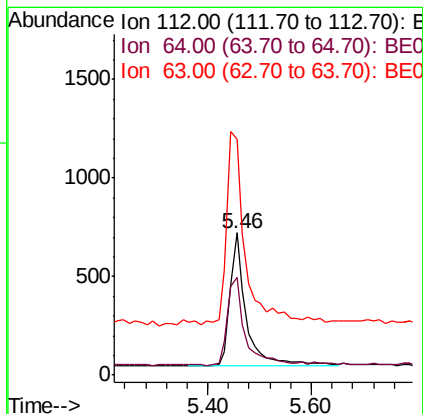
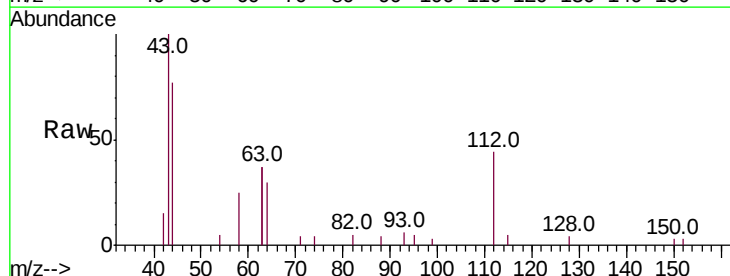
RT: 5.46 min Scan# 225

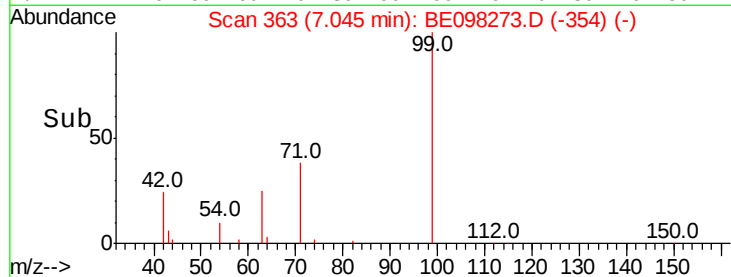
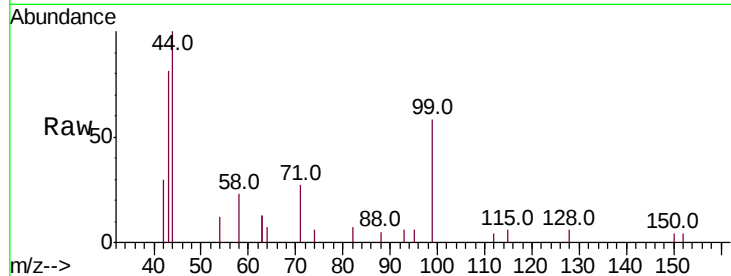
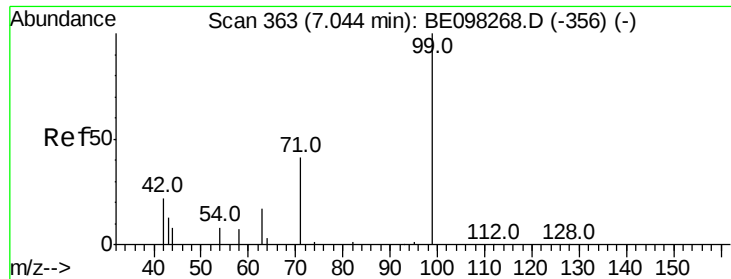
Delta R.T. 0.01 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:	112	Resp:	1484
Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.8	89.8
63	162.1	133.7	200.5





#5

Phenol-d6

Concen: 0.258 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tot Ion:	99	Resp:	1766
Ion	Ratio	Lower	Upper
99	100		
42	28.1	26.3	39.5
71	43.1	33.6	50.4

Instrument :

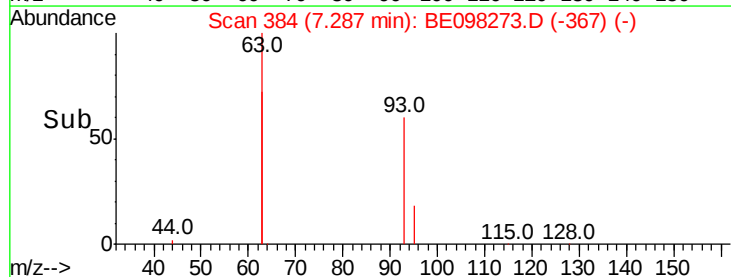
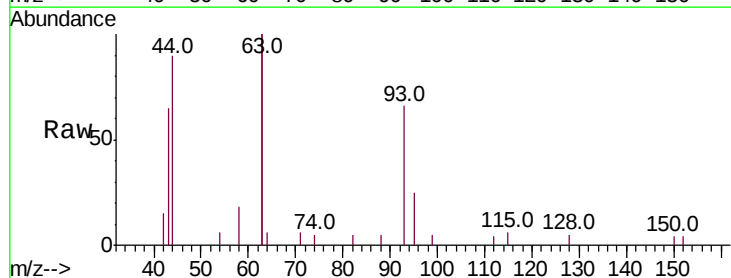
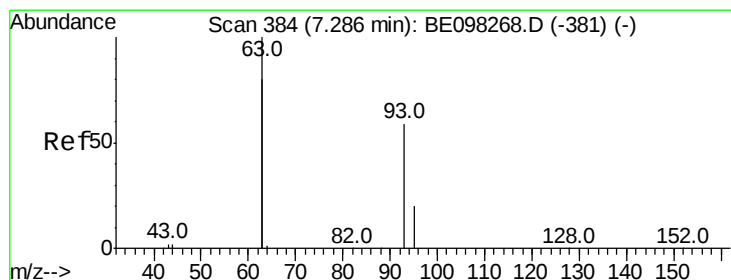
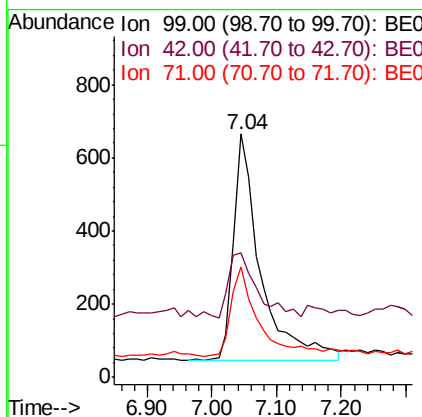
BNA_E

ClientSampleId :

PB115083BS

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.232 ng

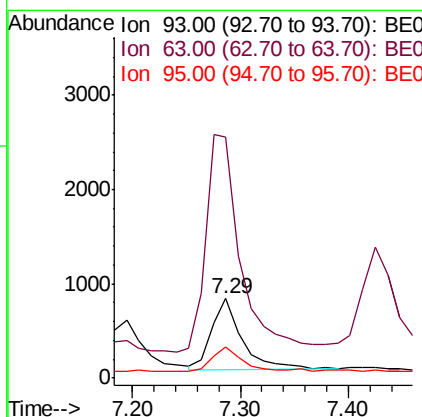
RT: 7.29 min Scan# 384

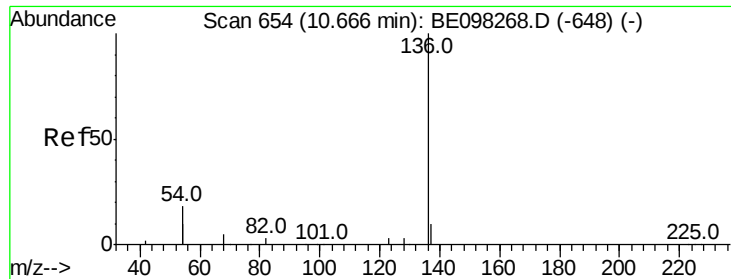
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:	93	Resp:	1463
Ion	Ratio	Lower	Upper
93	100		
63	356.0	264.4	396.6
95	36.0	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

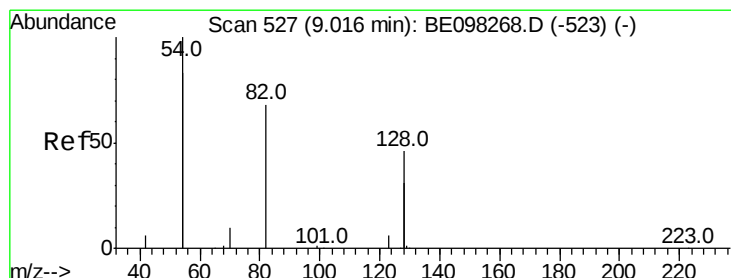
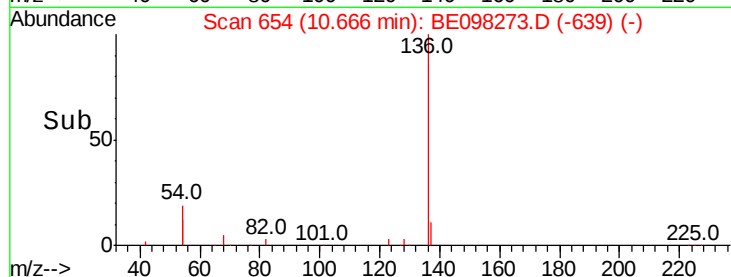
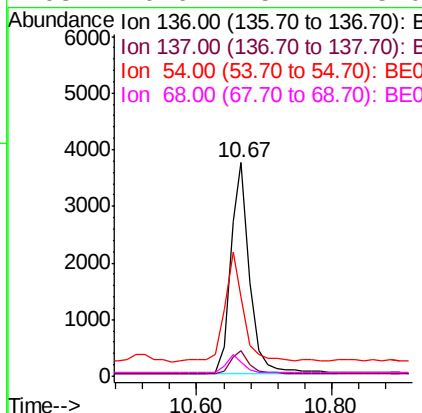
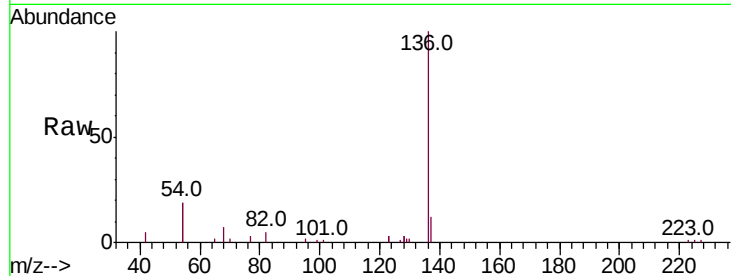
ClientSampleId :

PB115083BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	37.2	28.4	42.6
68	6.6	5.4	8.0

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#8

Nitrobenzene-d5

Concen: 0.277 ng

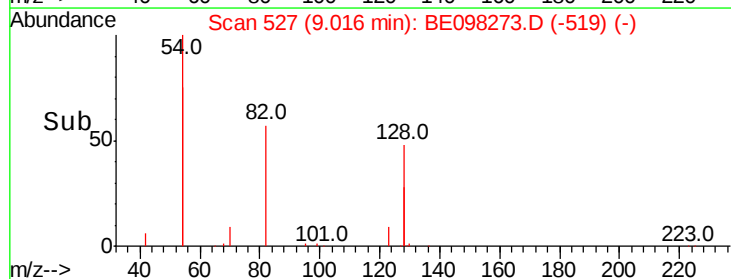
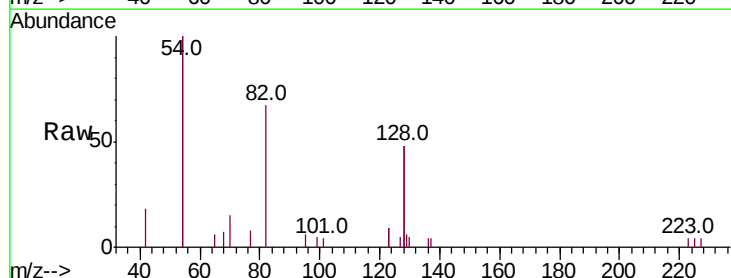
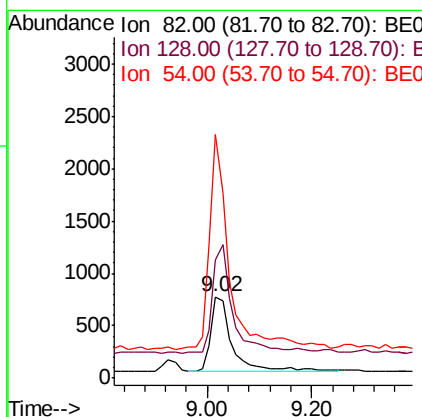
RT: 9.02 min Scan# 527

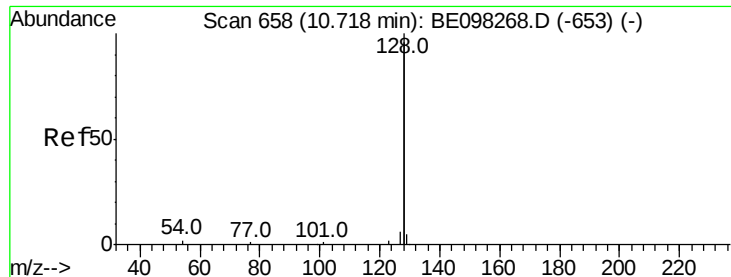
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
82	100		
128	145.5	102.4	153.6
54	300.1	221.8	332.8





#9

Naphthalene

Concen: 0.293 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

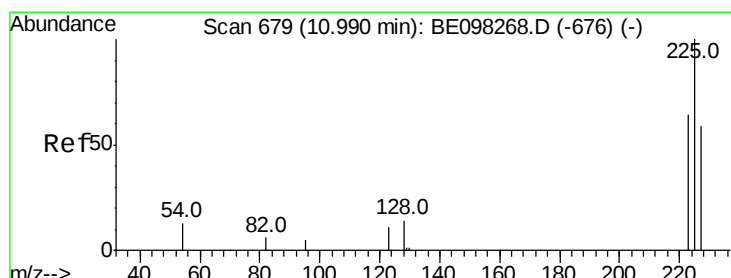
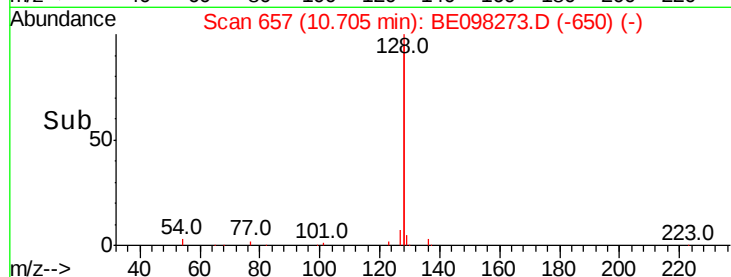
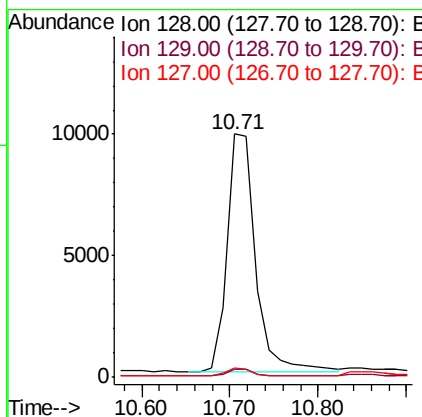
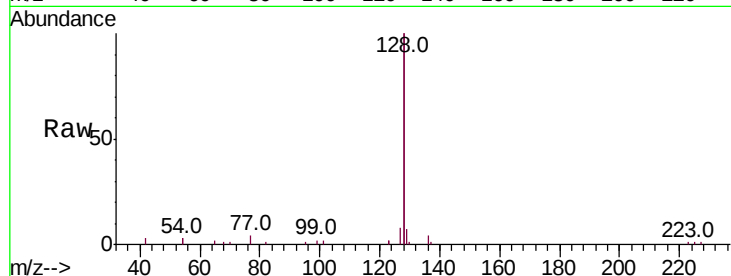
ClientSampleId :

PB115083BS

Tot Ion:	128	Resp:	21719
Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.8	2.7	4.1

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#10

Hexachlorobutadiene

Concen: 0.264 ng

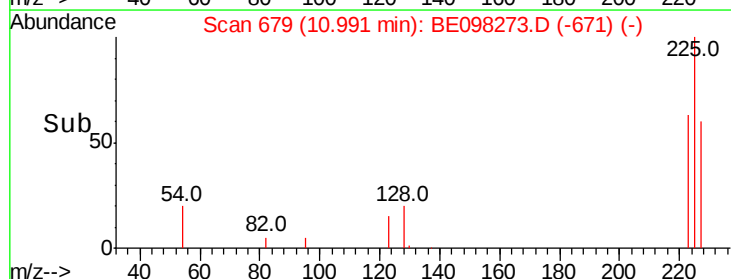
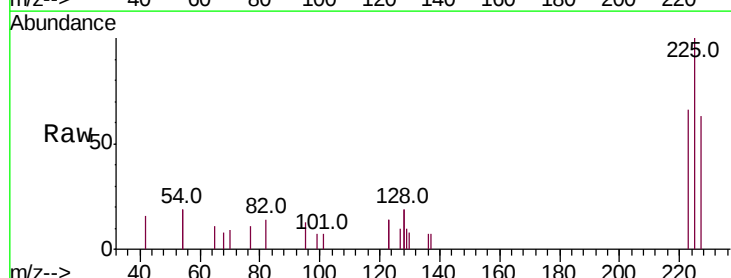
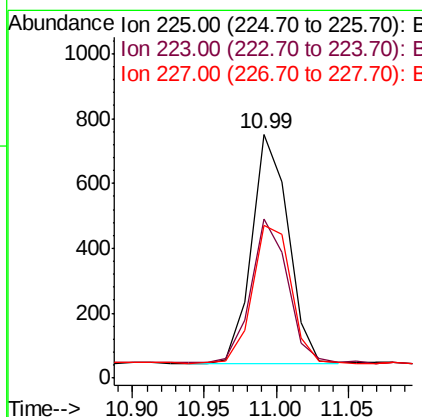
RT: 10.99 min Scan# 679

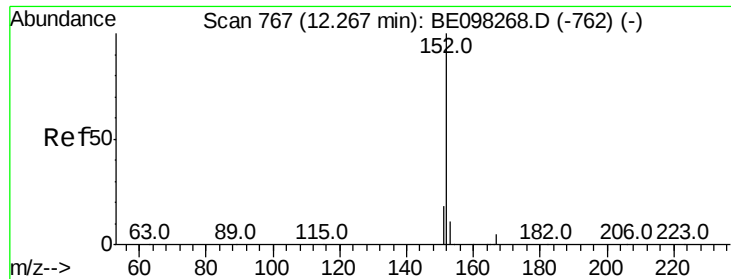
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:	225	Resp:	1256
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	64.1	52.0	78.0





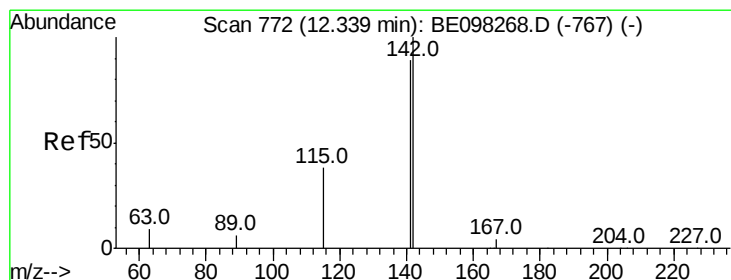
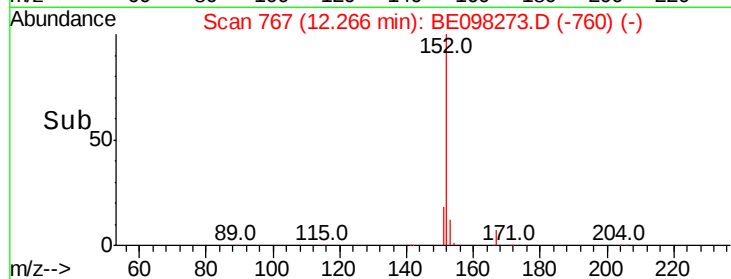
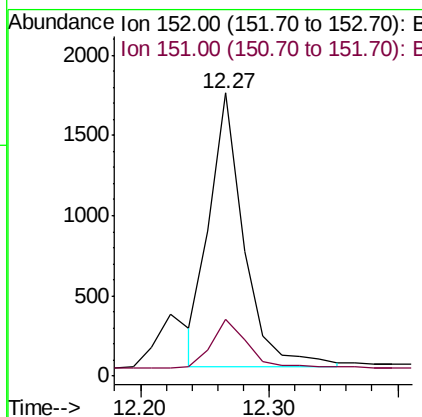
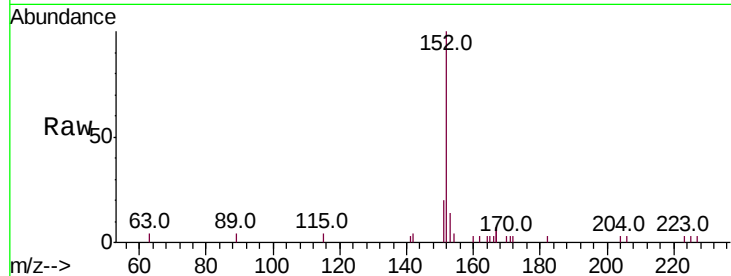
#11
 2-Methylnaphthalene-d10
 Concen: 0.266 ng m
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Instrument :
 BNA_E
 ClientSampleId :
 PB115083BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

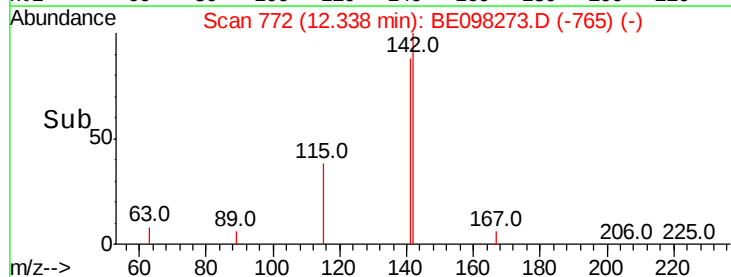
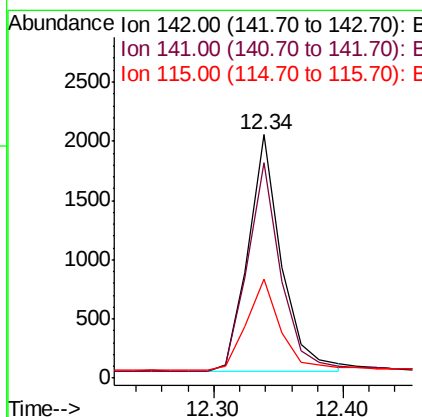
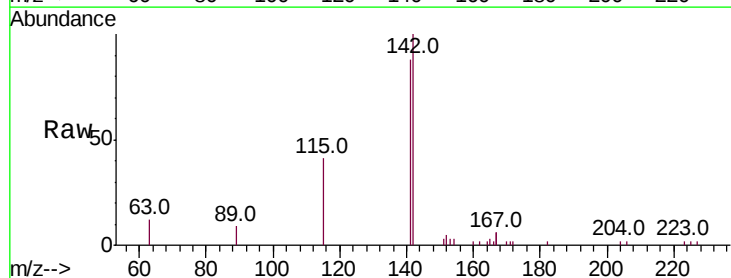
Manual Integrations
 APPROVED

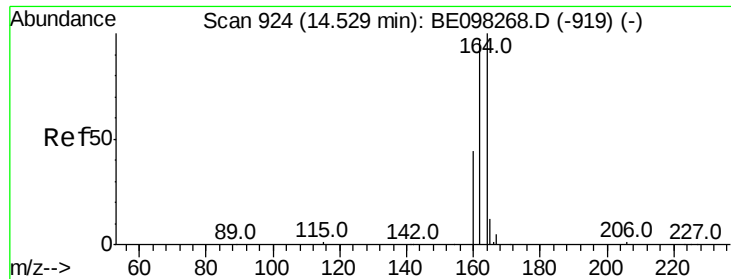
mohammad
 11/30/2018 3:50:23 PM



#12
 2-Methylnaphthalene
 Concen: 0.290 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	40.5	32.2	48.2





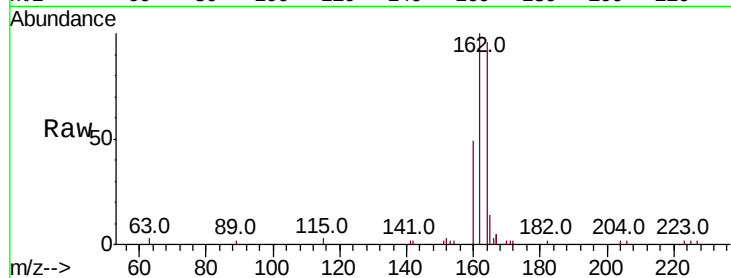
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :
PB115083BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	77.6	116.4
160	50.6	36.0	54.0

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM

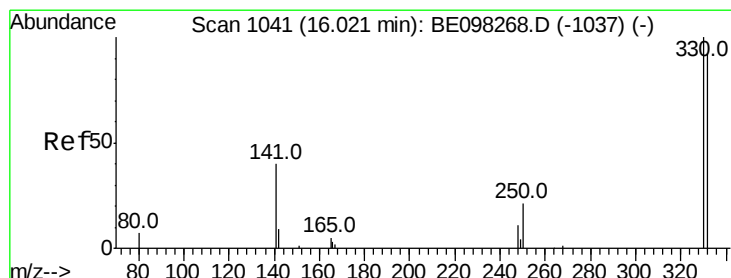
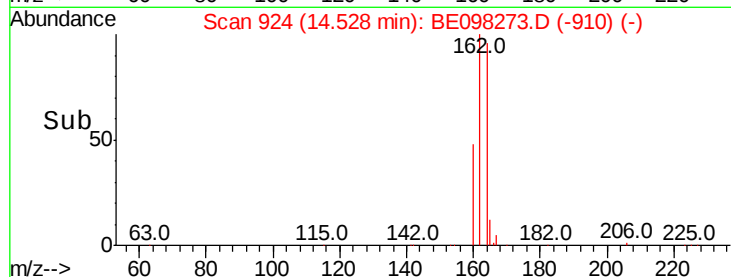
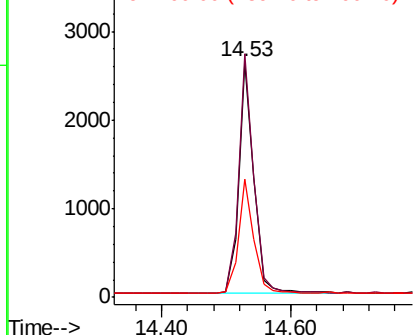


Abundance

Ion 164.00 (163.70 to 164.70): E

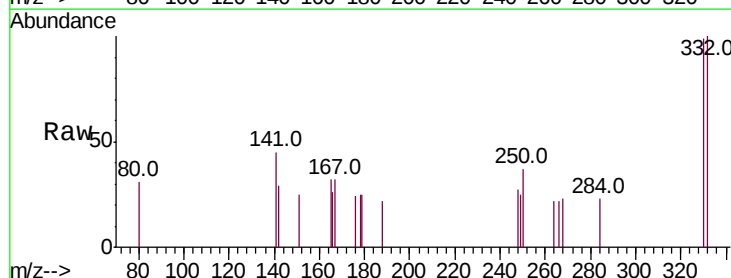
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	45.2	39.0	58.4

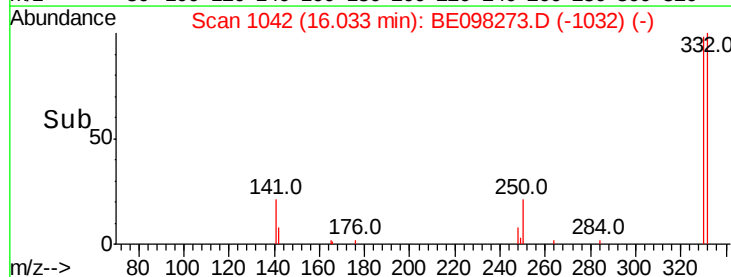
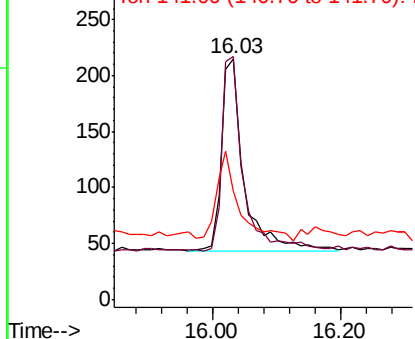


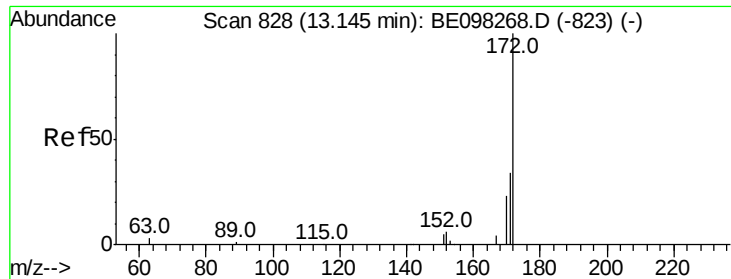
Abundance

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





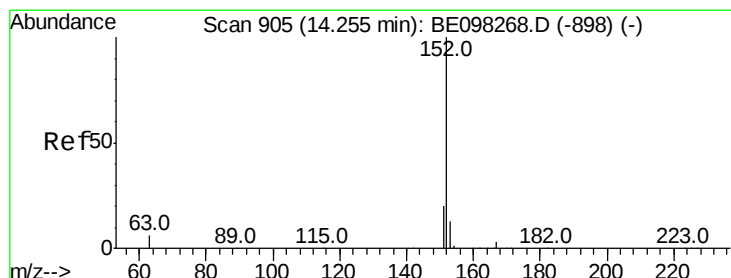
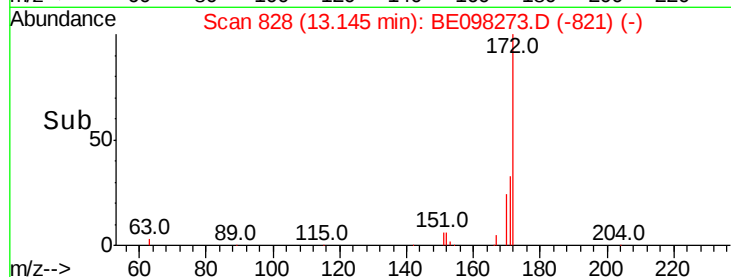
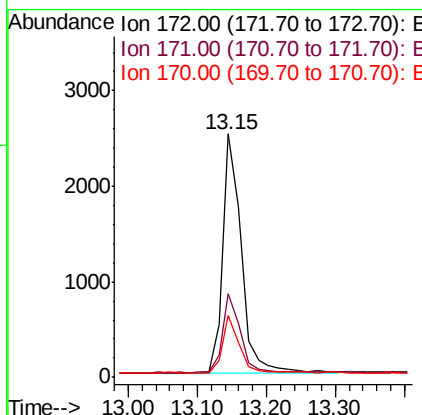
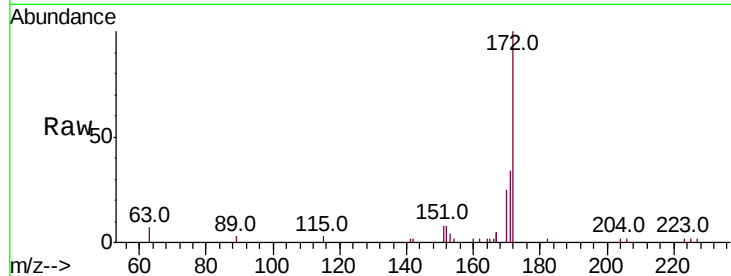
#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :
PB115083BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	25.3	19.6	29.4

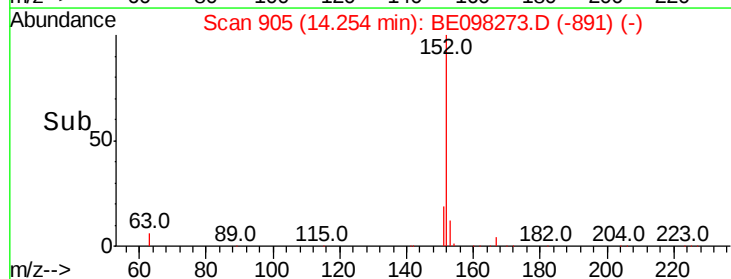
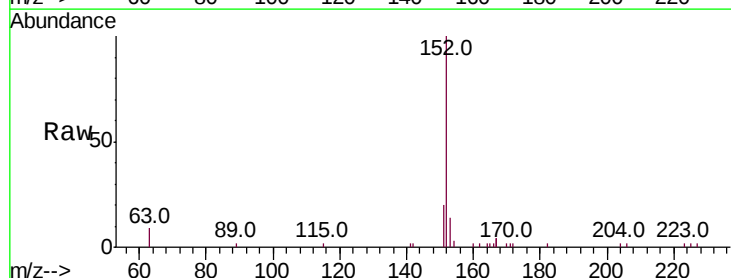
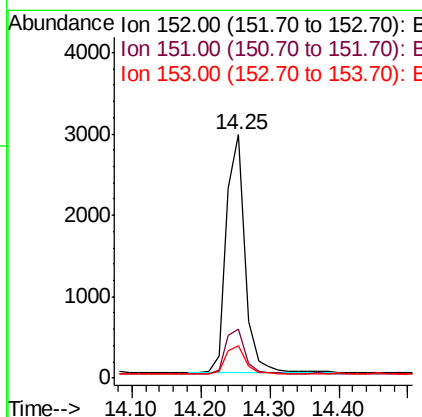
Manual Integrations
APPROVED

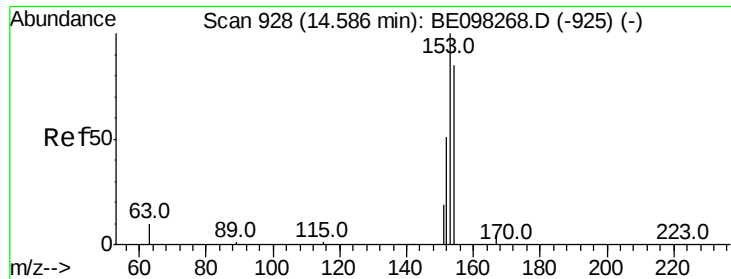
mohammad
11/30/2018 3:50:23 PM



#16
Acenaphthylene
Concen: 0.288 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.7	10.6	16.0





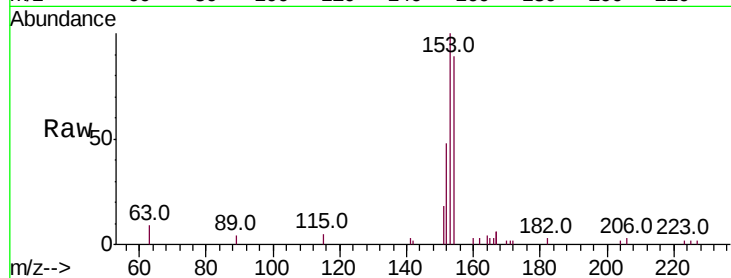
#17
Acenaphthene
Concen: 0.282 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :
PB115083BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.8	137.6
152	56.8	45.5	68.3

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM

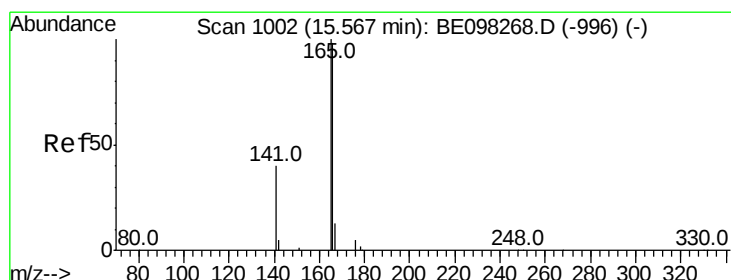
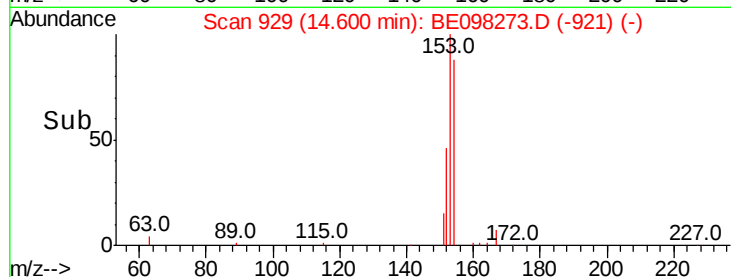
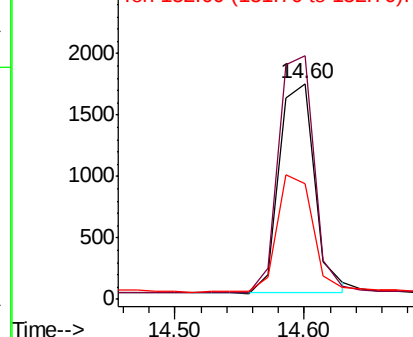


Abundance

Ion 154.00 (153.70 to 154.70): E

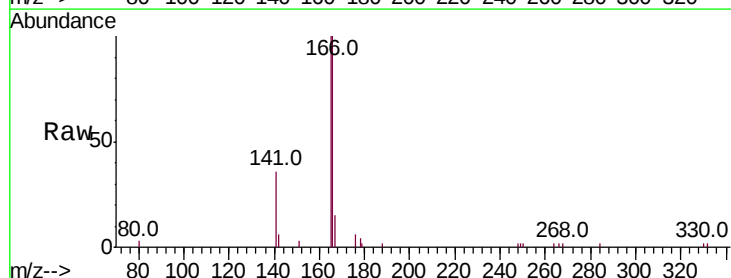
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.284 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.3	11.3	16.9

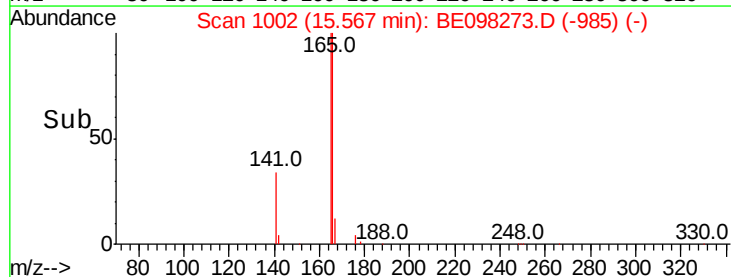
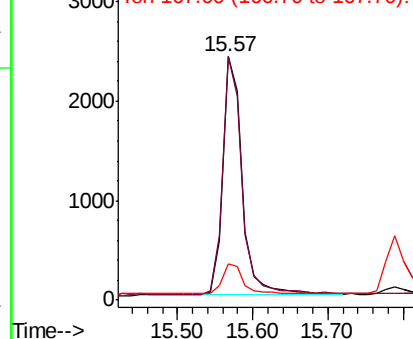


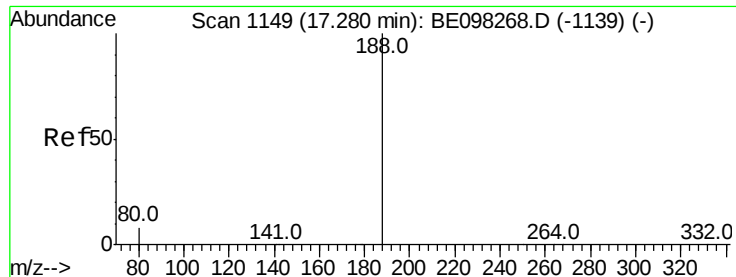
Abundance

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





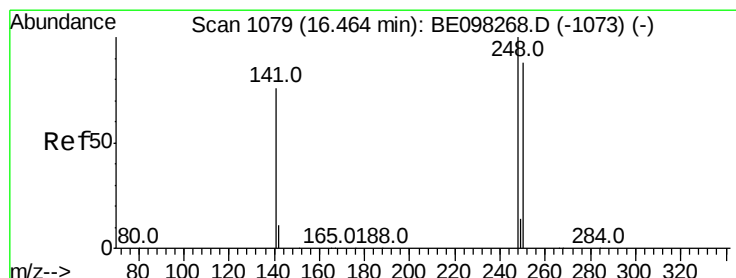
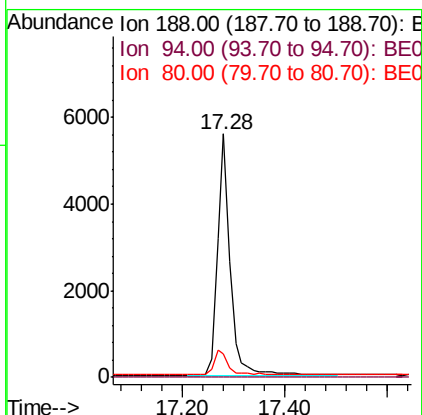
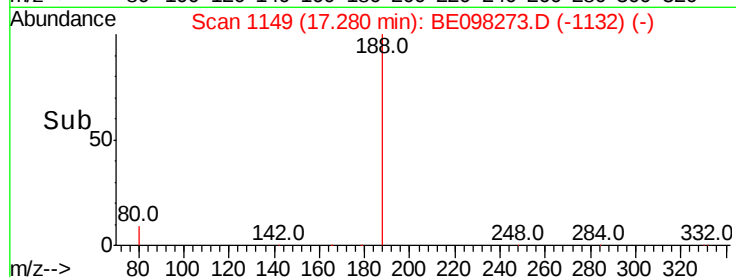
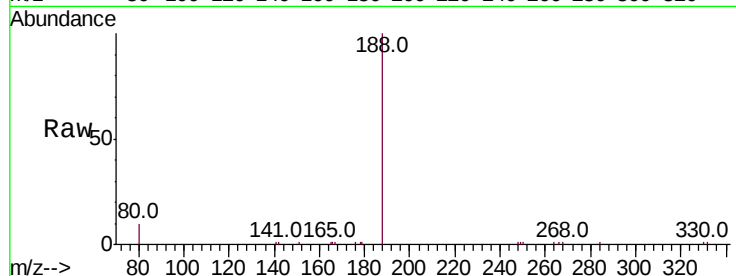
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :
PB115083BS

Tot Ion:	188	Resp:	9545
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	7.2	10.8

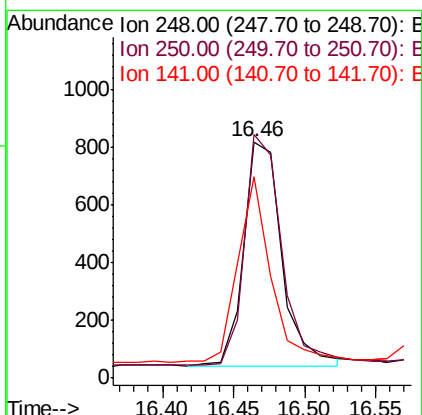
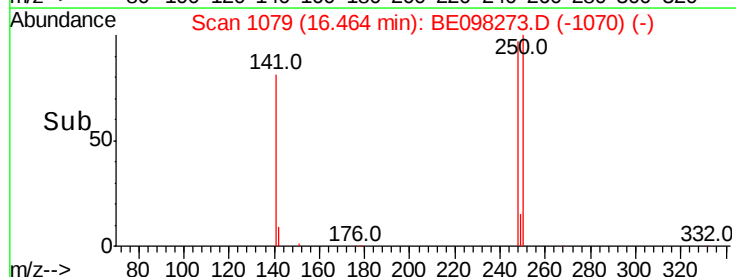
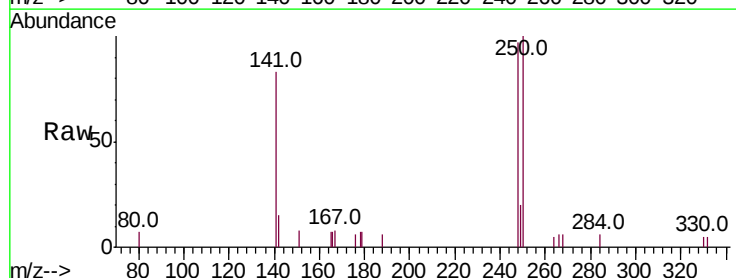
Manual Integrations
APPROVED

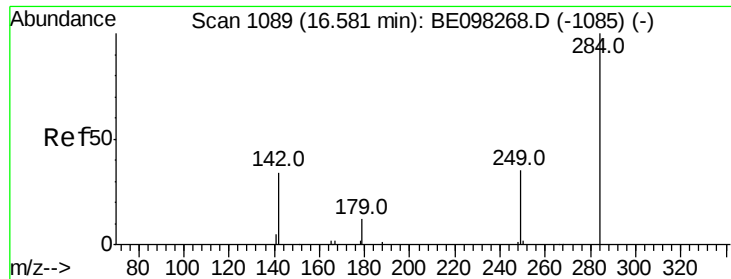
mohammad
11/30/2018 3:50:23 PM



#20
4-Bromophenyl-phenylether
Concen: 0.267 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:	248	Resp:	1441
Ion Ratio	Lower	Upper	
248	100		
250	103.0	71.0	106.6
141	85.0	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.268 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

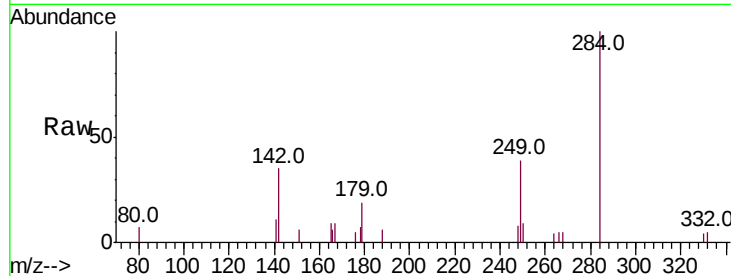
ClientSampleId :

PB115083BS

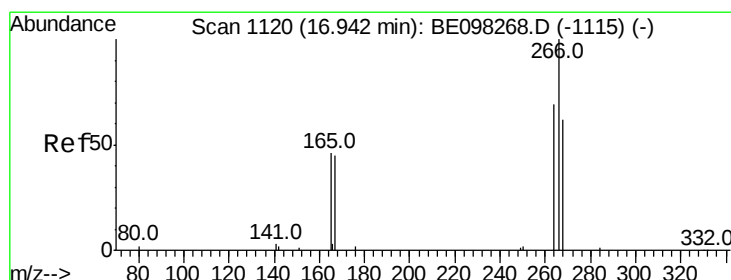
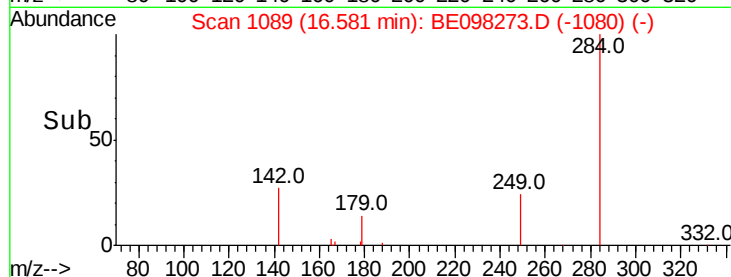
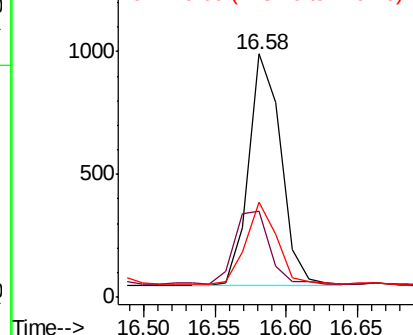
Tot Ion:	284	Resp:	1500
Ion Ratio	Lower	Upper	
284	100		
142	33.7	26.3	39.5
249	33.9	26.0	39.0

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 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: 0.307 ng

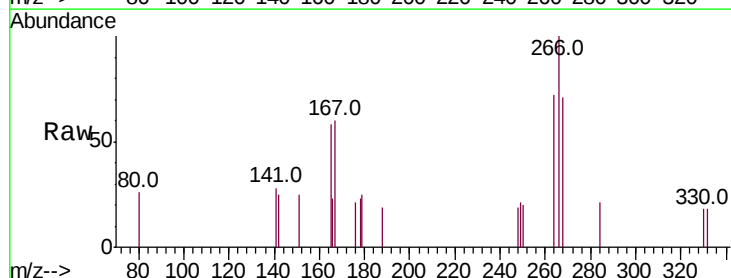
RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

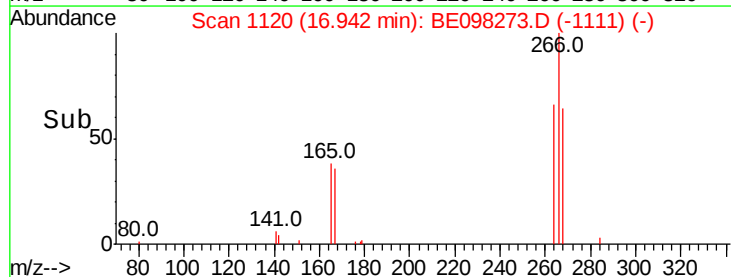
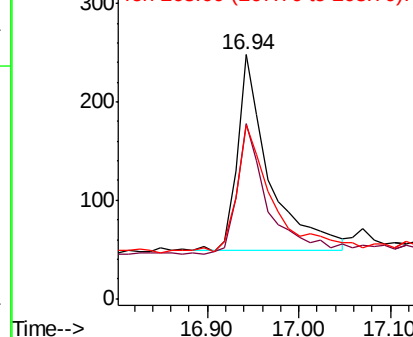
Lab File: BE098273.D

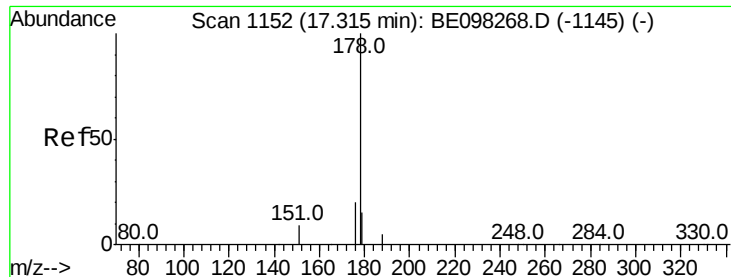
Acq: 29 Nov 2018 14:36

Tgt Ion:	266	Resp:	480
Ion Ratio	Lower	Upper	
266	100		
264	71.8	59.0	88.4
268	71.4	55.1	82.7



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: 0.275 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

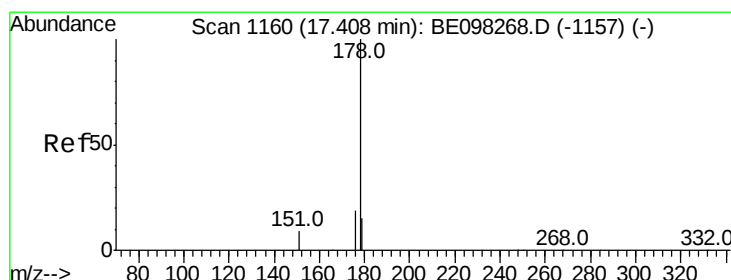
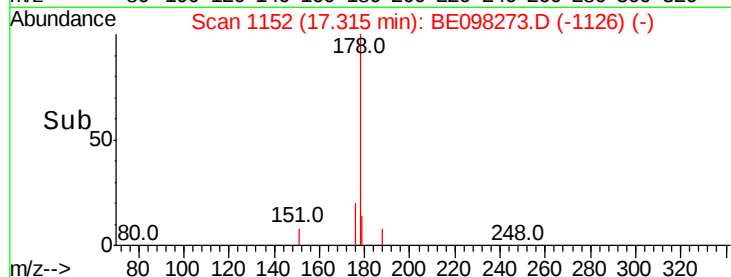
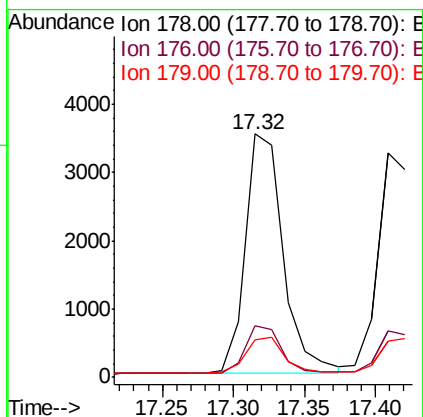
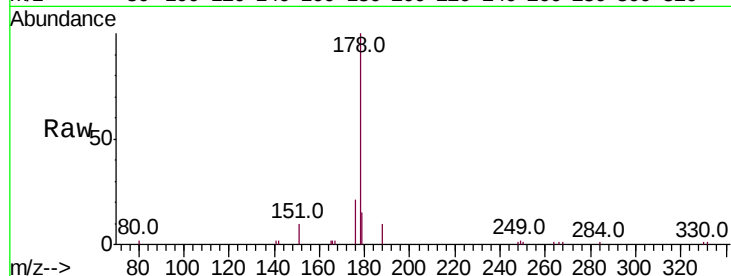
ClientSampleId :

PB115083BS

Tot Ion:178	Resp:	6526
Ion Ratio	Lower	Upper
178 100		
176 19.6	15.9	23.9
179 15.7	12.3	18.5

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#24

Anthracene

Concen: 0.274 ng

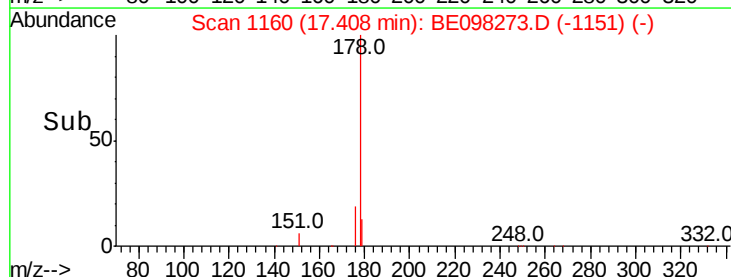
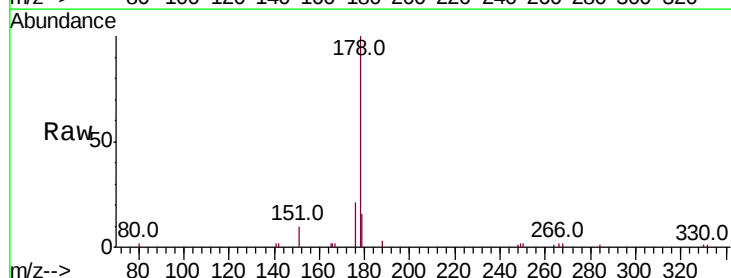
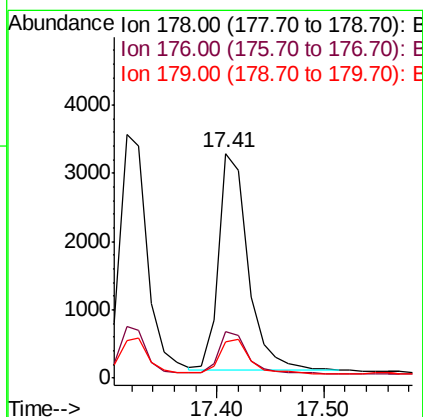
RT: 17.41 min Scan# 1160

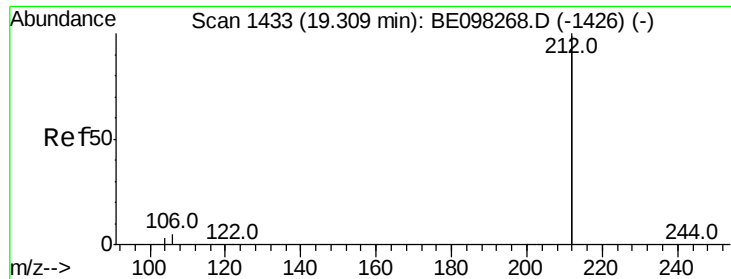
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:178	Resp:	6044
Ion Ratio	Lower	Upper
178 100		
176 19.1	15.0	22.4
179 15.5	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.247 ng

RT: 19.32 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

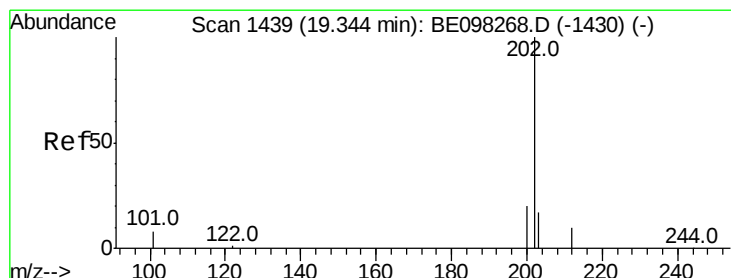
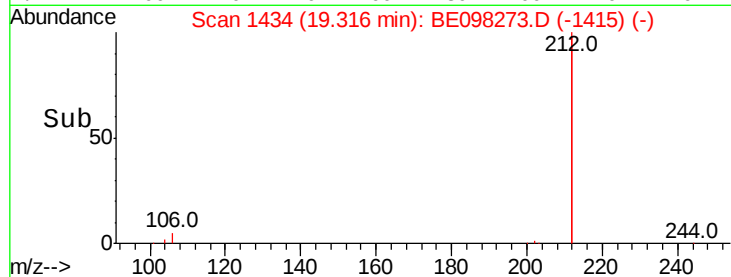
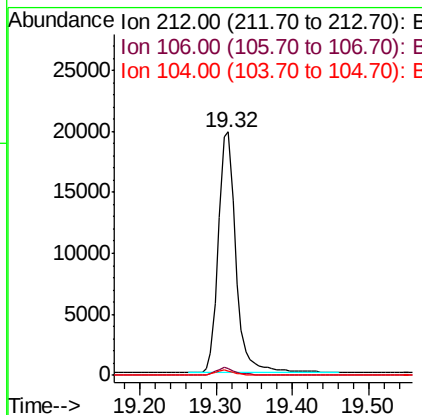
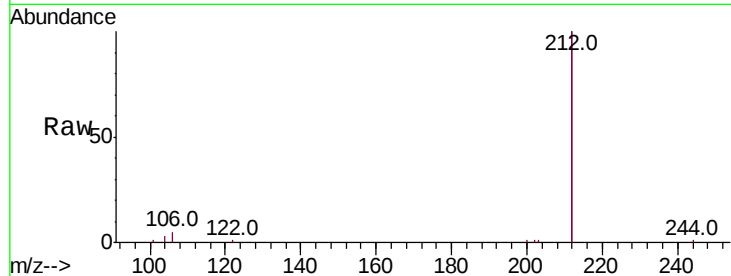
ClientSampleId :

PB115083BS

Tot Ion:	212	Resp:	31756
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#26

Fluoranthene

Concen: 0.261 ng

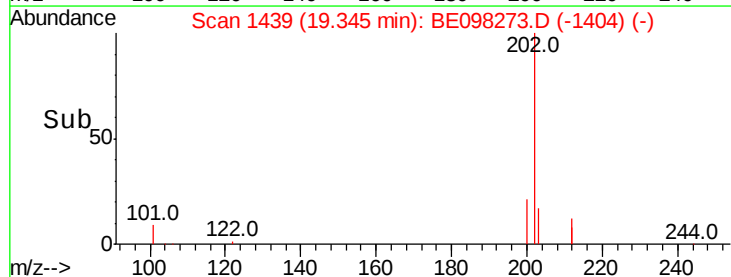
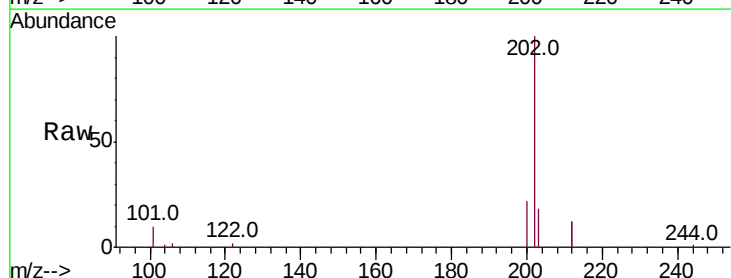
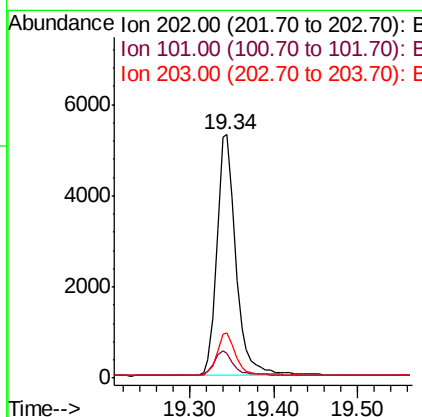
RT: 19.34 min Scan# 1439

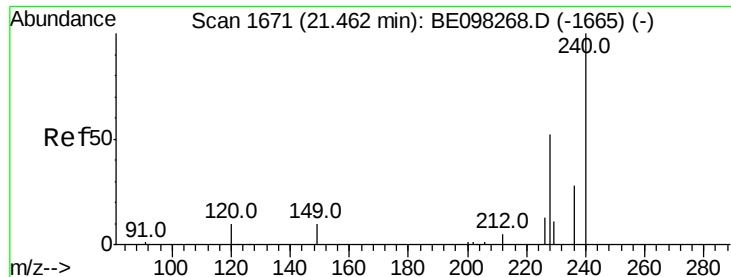
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:	202	Resp:	8429
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.0	12.0
203	16.7	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

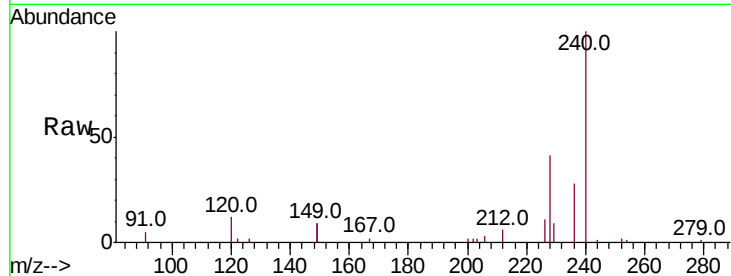
ClientSampleID :

PB115083BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	28.1	22.7	34.1

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM

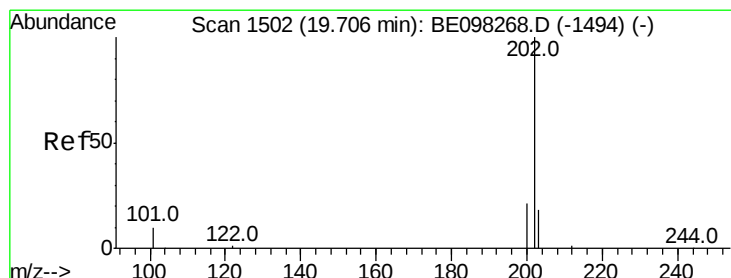
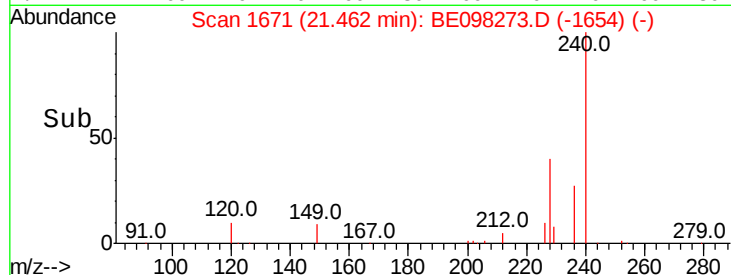
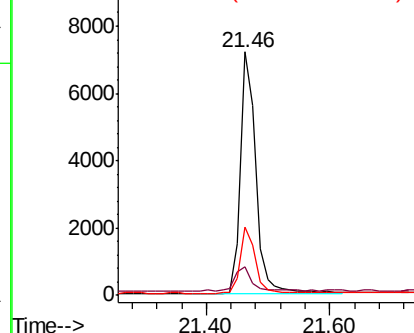


Abundance

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



#28

Pyrene

Concen: 0.256 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

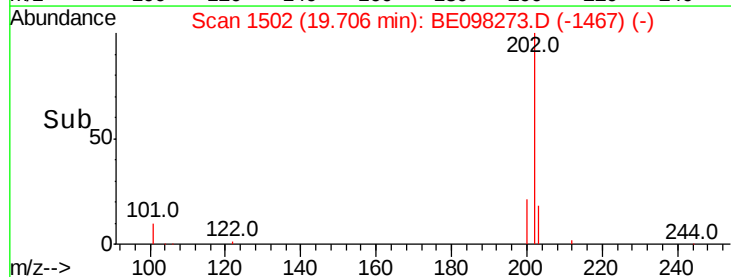
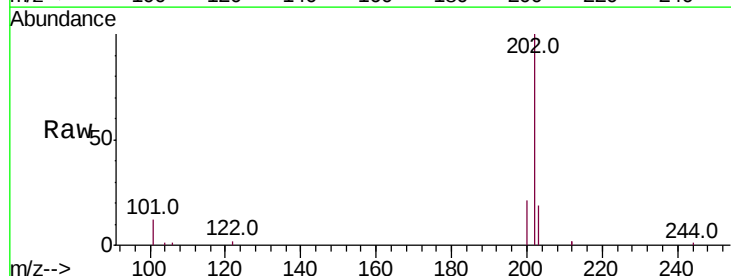
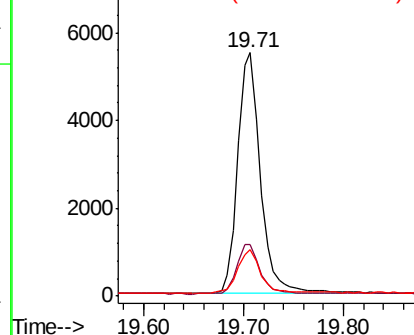
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.7	14.1	21.1

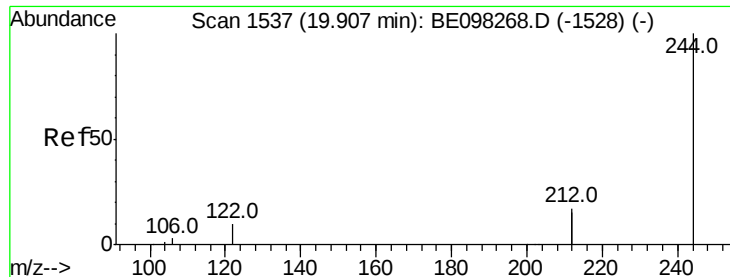
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.308 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

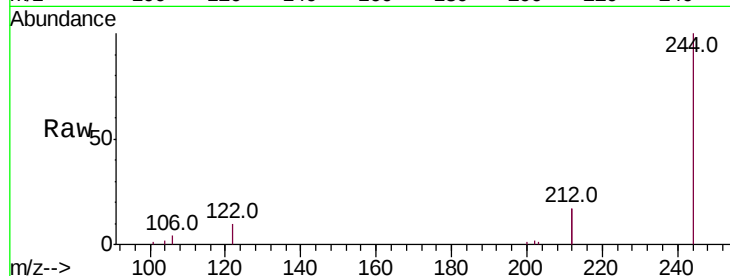
ClientSampleId :

PB115083BS

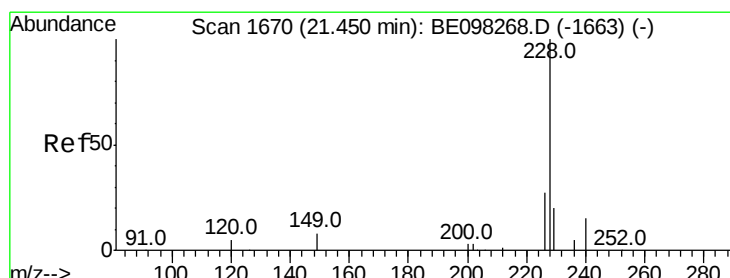
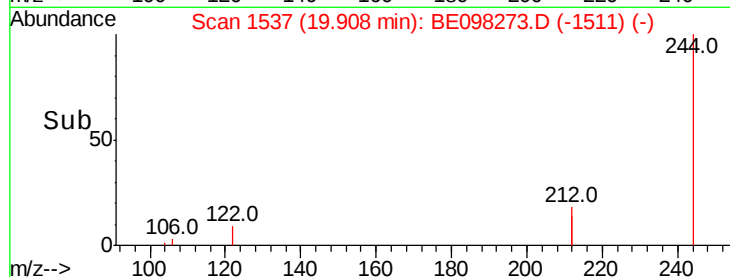
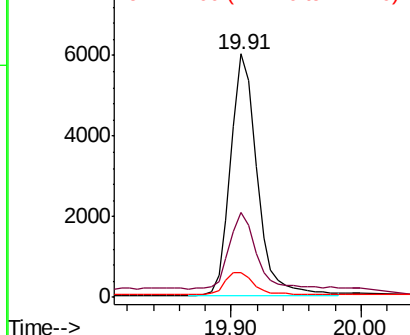
Tot Ion:	244	Resp:	8453
Ion Ratio	Lower	Upper	
244	100		
212	34.8	27.4	41.0
122	10.4	8.3	12.5

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



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



#30

Benzo(a)anthracene

Concen: 0.274 ng

RT: 21.45 min Scan# 1670

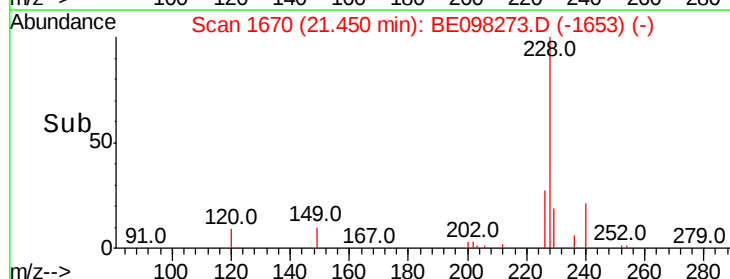
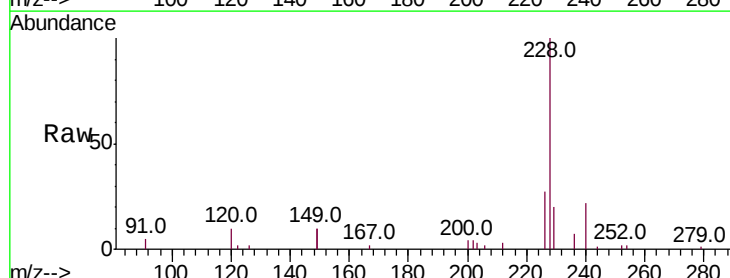
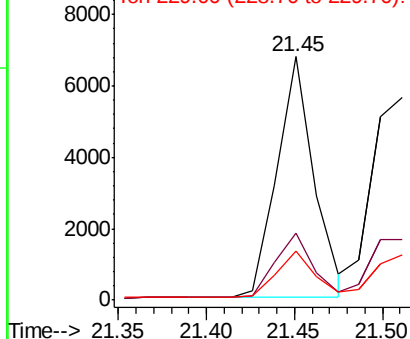
Delta R.T. 0.00 min

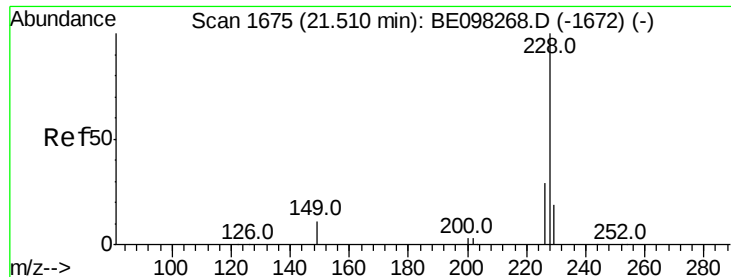
Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:	228	Resp:	9850
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	20.3	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.275 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

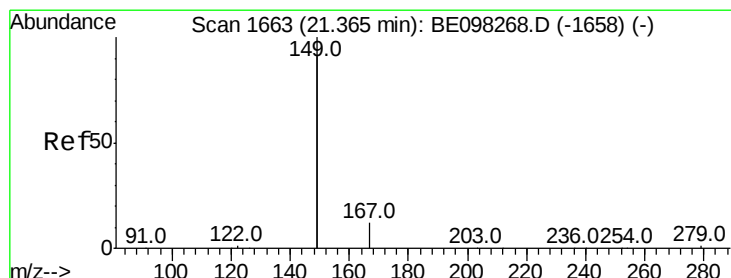
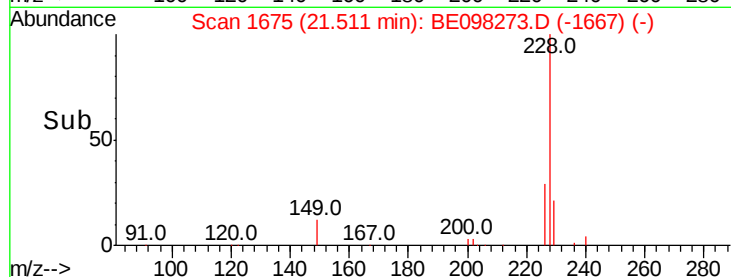
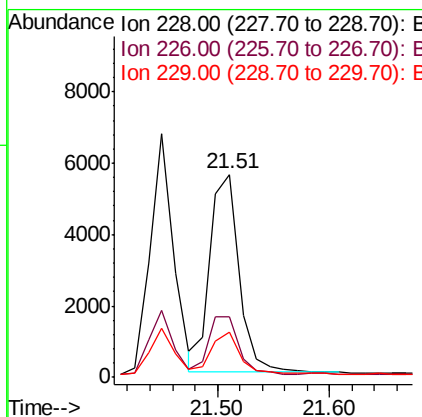
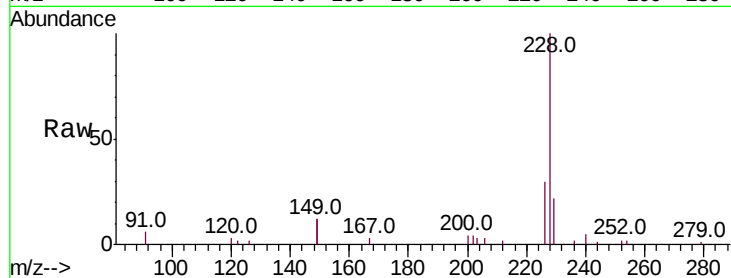
ClientSampleId :

PB115083BS

Tot Ion:	228	Resp:	10026
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	22.2	16.2	24.4

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.260 ng

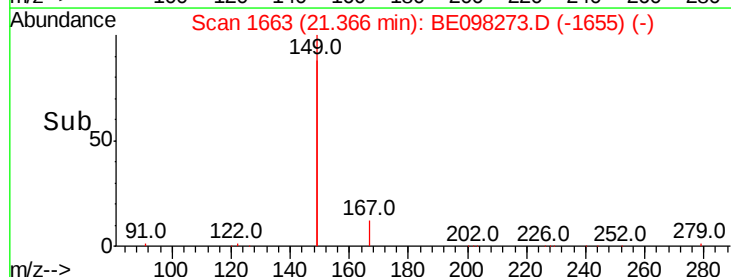
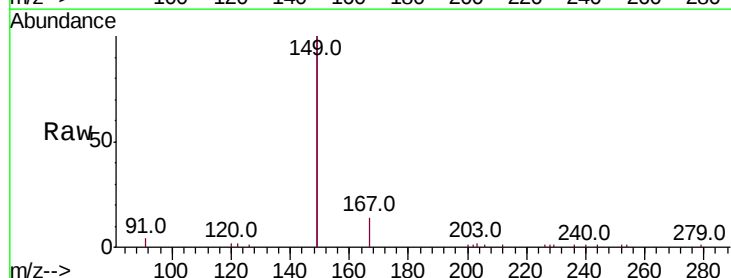
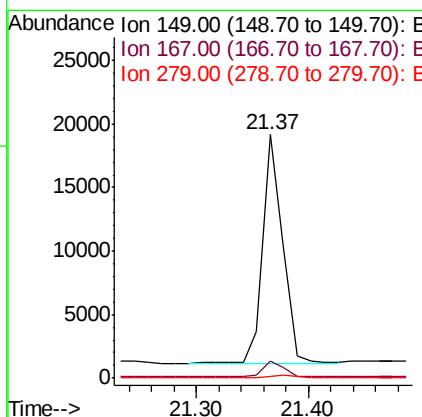
RT: 21.37 min Scan# 1663

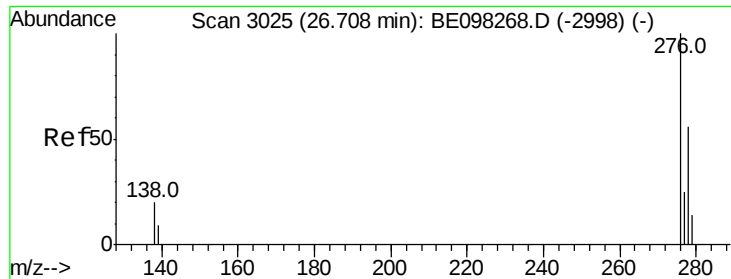
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:	149	Resp:	22332
Ion Ratio	Lower	Upper	
149	100		
167	7.3	5.7	8.5
279	1.2	1.0	1.4





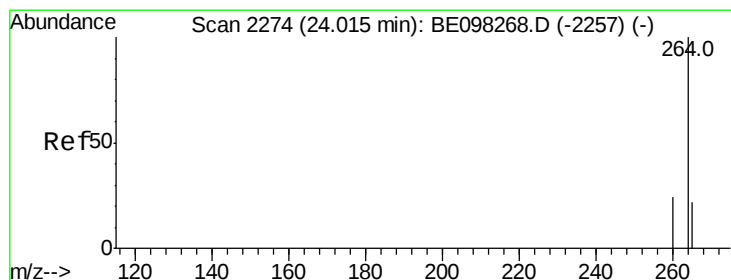
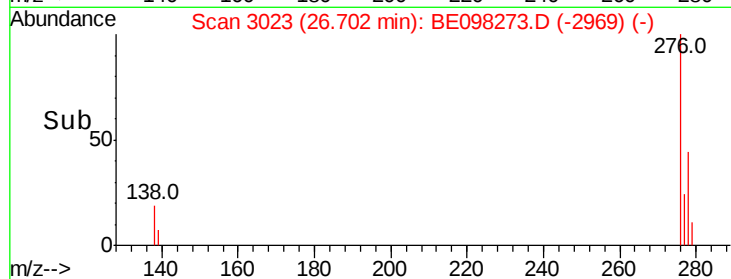
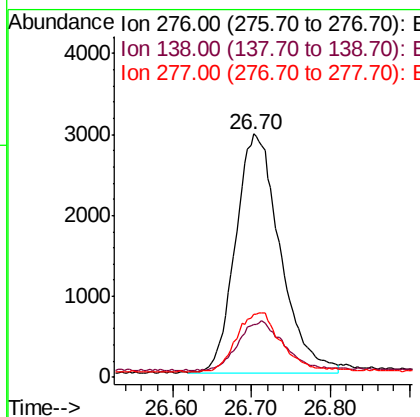
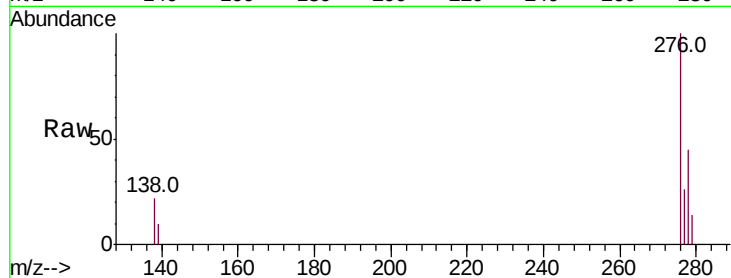
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.313 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. -0.01 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Instrument :
 BNA_E
 ClientSampleId :
 PB115083BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.3	24.5
277	24.9	20.2	30.4

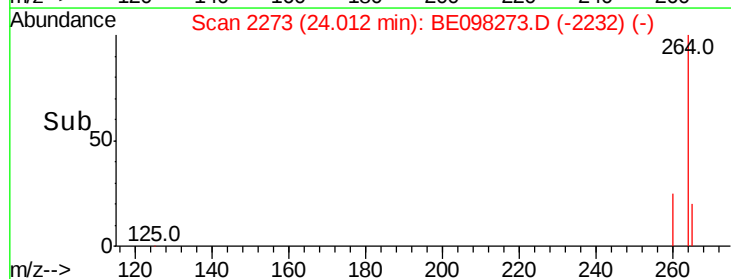
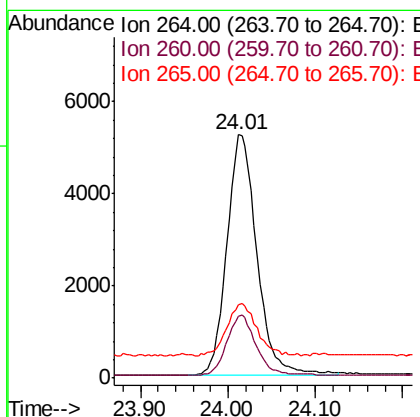
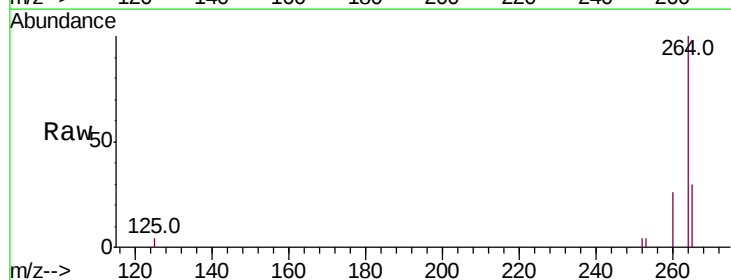
Manual Integrations
 APPROVED

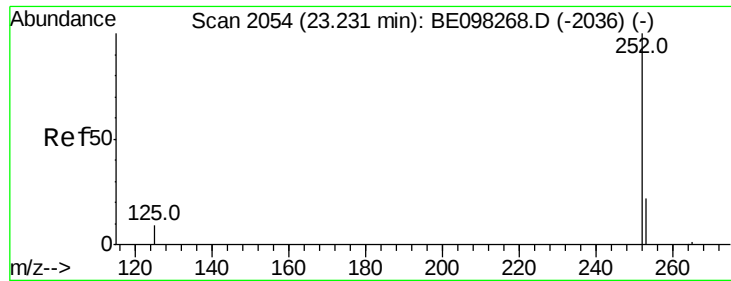
mohammad
 11/30/2018 3:50:23 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	30.3	25.2	37.8





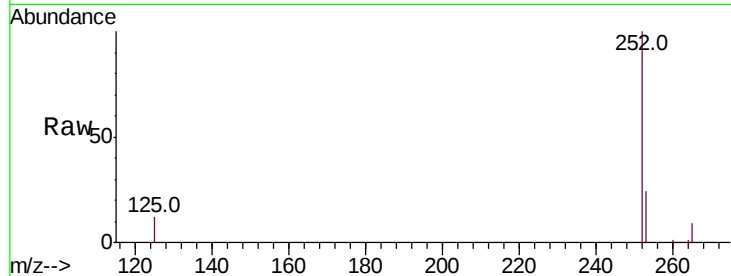
#35
Benzo(b)fluoranthene
Concen: 0.283 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :
PB115083BS

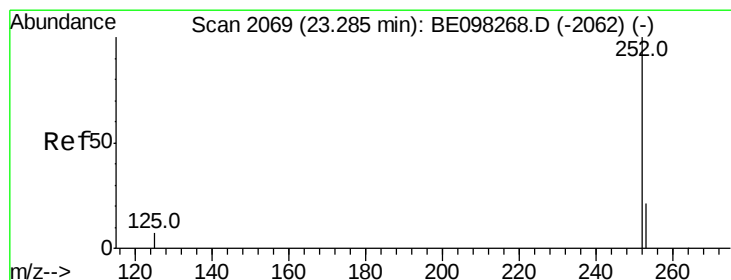
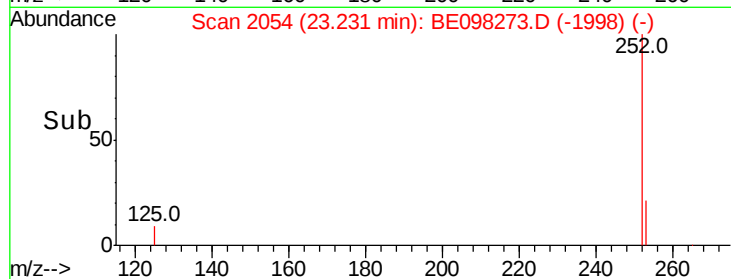
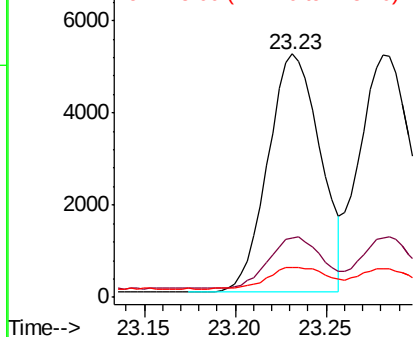
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.4	9.6	14.4

Manual Integrations
APPROVED

mohammad
11/30/2018 3:50:23 PM



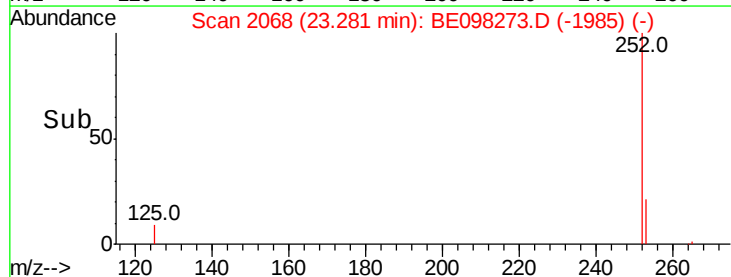
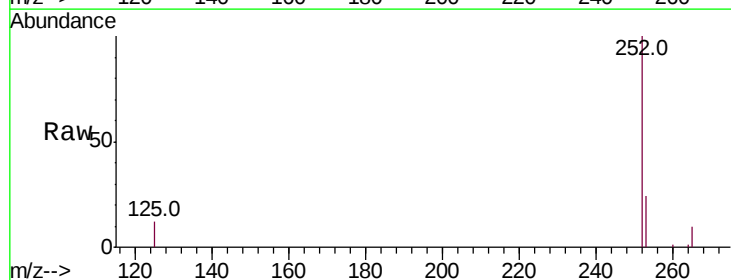
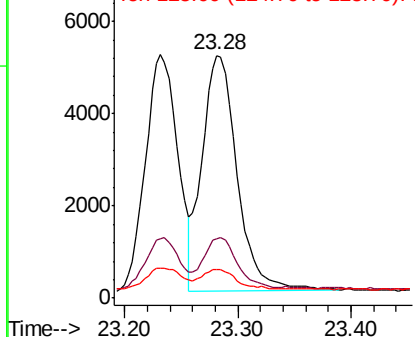
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

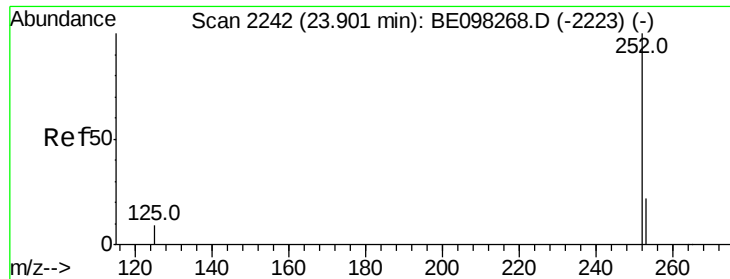


#36
Benzo(k)fluoranthene
Concen: 0.287 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	11.9	9.1	13.7

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





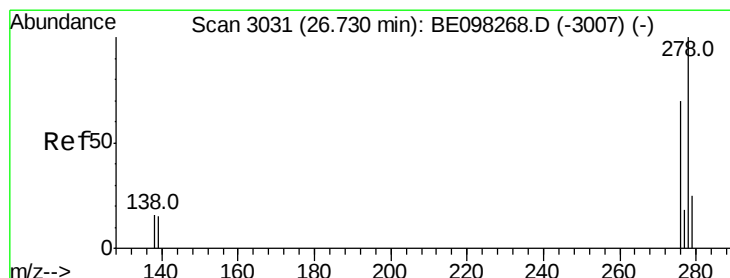
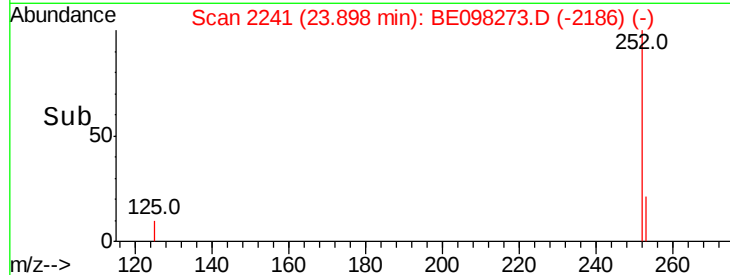
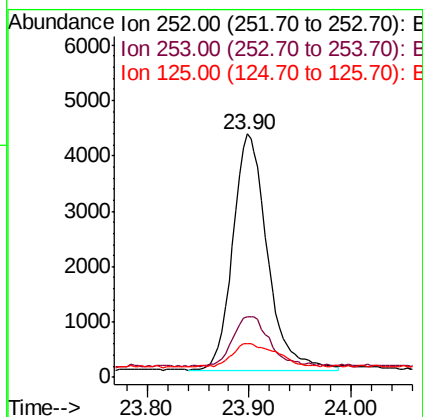
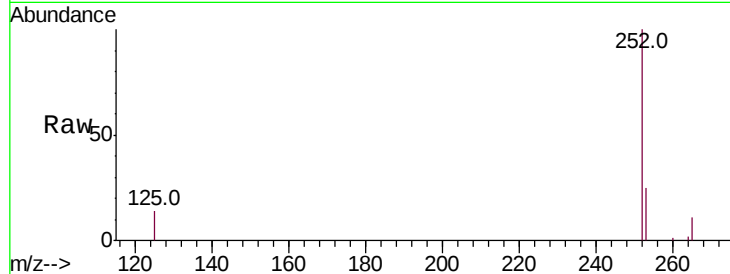
#37
Benzo(a)pyrene
Concen: 0.286 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :
PB115083BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	30.8
125	13.7	10.5	15.7

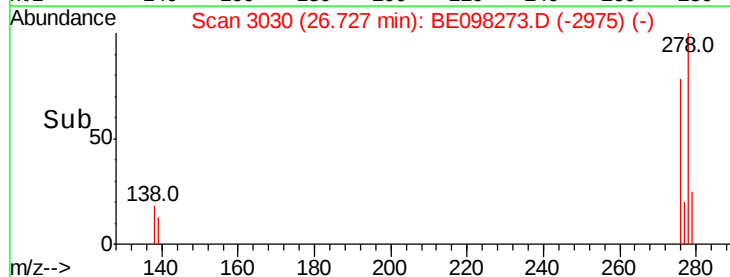
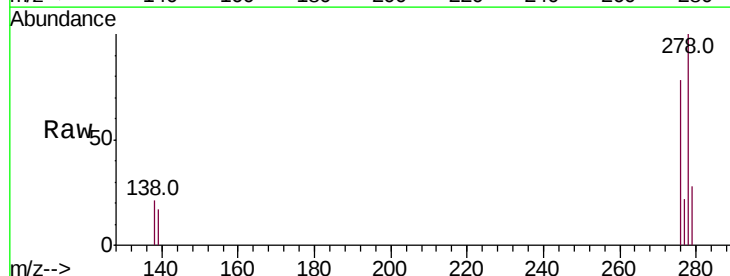
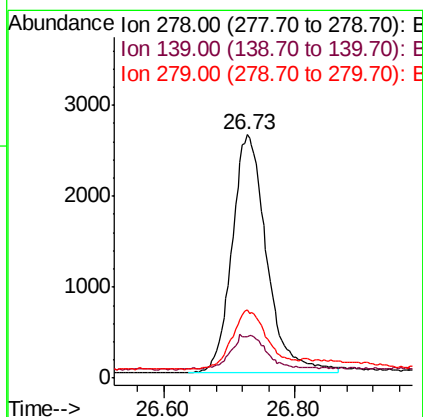
Manual Integrations
APPROVED

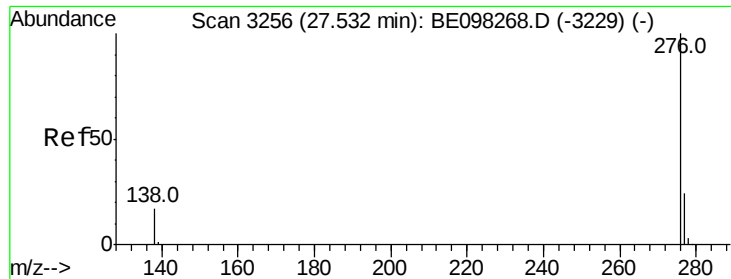
mohammad
11/30/2018 3:50:23 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.291 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.5	21.7
279	28.1	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.298 ng

RT: 27.54 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

PB115083BS

Tot Ion: 276 Resp: 9928

Ion Ratio Lower Upper

276 100

277 25.3 20.8 31.2

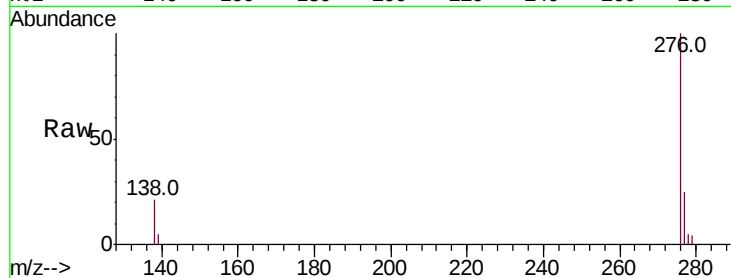
138 20.8 15.8 23.6

Manual Integrations

APPROVED

mohammad

11/30/2018 3:50:23 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

