

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099799.D
 Acq On : 5 Jun 2019 10:25
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:50 PM

Quant Time: Jun 05 13:34:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1290	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4571	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3458	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12301	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19768	0.40	ng	0.00
34) Perylene-d12	23.94	264	23332	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1080	0.33	ng	0.00
5) Phenol-d6	6.96	99	1443	0.33	ng	0.00
8) Nitrobenzene-d5	8.97	82	1415	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2812	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	684	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4417	0.34	ng	0.00
25) Fluoranthene-d10	19.26	212	63418	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	12630	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	641	0.336	ng	100
3) n-Nitrosodimethylamine	3.61	42	324	0.307	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	1209	0.315	ng	100
9) Naphthalene	10.65	128	17563	0.359	ng	100
10) Hexachlorobutadiene	10.93	225	1341	0.373	ng	100
12) 2-Methylnaphthalene	12.28	142	2739	0.344	ng	100
16) Acenaphthylene	14.20	152	5865	0.364	ng	100
17) Acenaphthene	14.54	154	3223	0.356	ng	99
18) Fluorene	15.51	166	4922	0.369	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2244	0.316	ng	100
21) Hexachlorobenzene	16.52	284	2579	0.355	ng	100
22) Pentachlorophenol	16.92	266	384m	0.184	ng	
23) Phenanthrene	17.27	178	10326	0.344	ng	100
24) Anthracene	17.36	178	8860	0.325	ng	100
26) Fluoranthene	19.29	202	18112	0.381	ng	100
28) Pyrene	19.65	202	18818	0.379	ng	100
30) Benzo(a)anthracene	21.39	228	20886	0.372	ng	100
31) Chrysene	21.45	228	23911	0.398	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	24247	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	28377	0.391	ng	100
35) Benzo(b)fluoranthene	23.16	252	23168	0.362	ng	100
36) Benzo(k)fluoranthene	23.21	252	24701	0.371	ng	100
37) Benzo(a)pyrene	23.83	252	22636	0.368	ng	100
38) Dibenzo(a,h)anthracene	26.66	278	22396	0.347	ng	100
39) Benzo(g,h,i)perylene	27.46	276	23620	0.362	ng	100

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

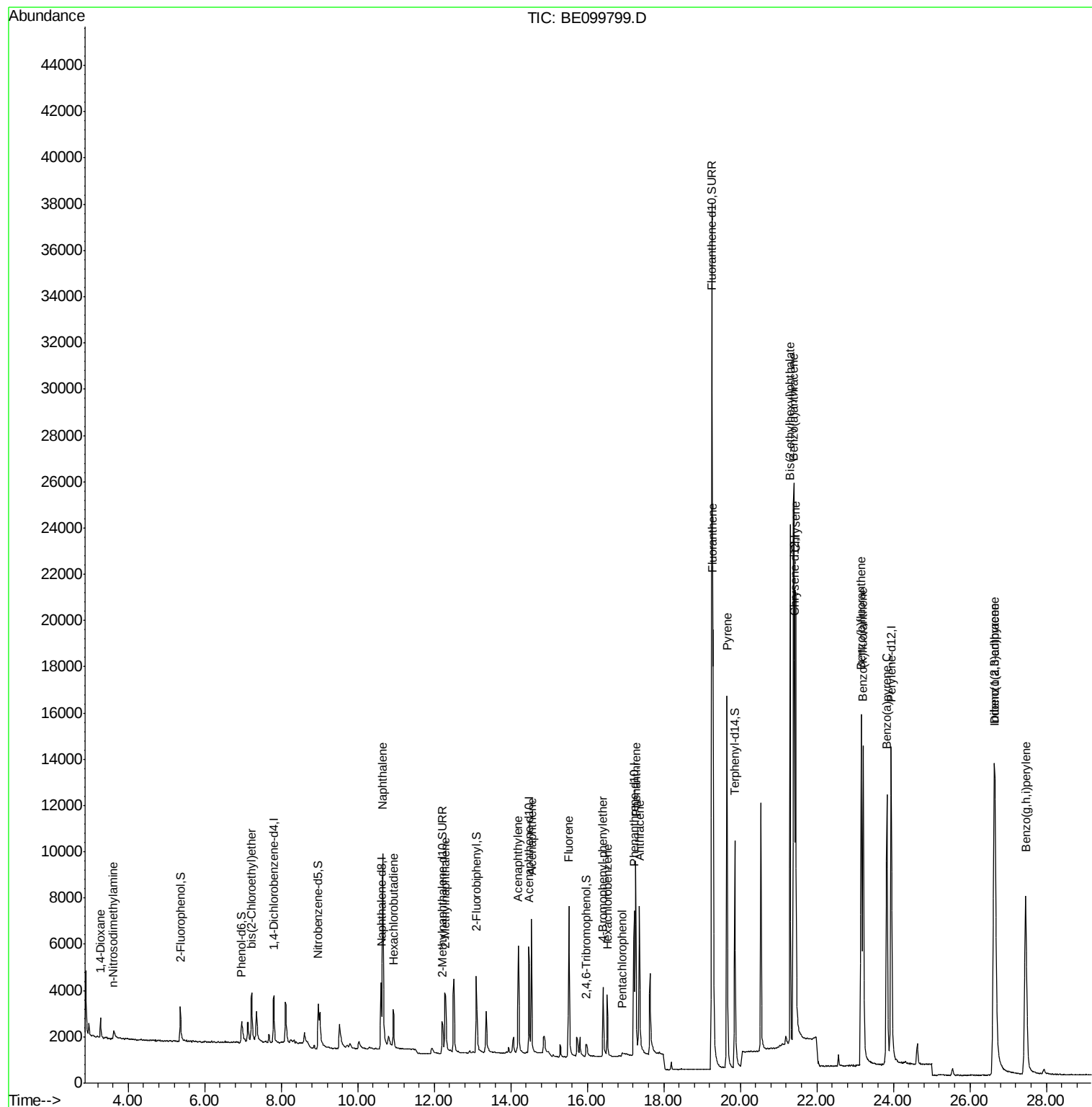
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099799.D
Acq On : 5 Jun 2019 10:25
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

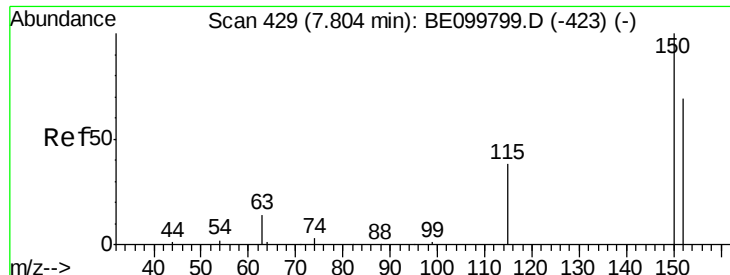
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM

Quant Time: Jun 05 13:34:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 13:24:09 2019
Response via : Initial Calibration





#1

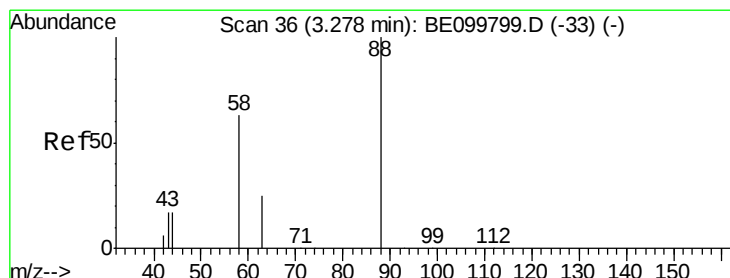
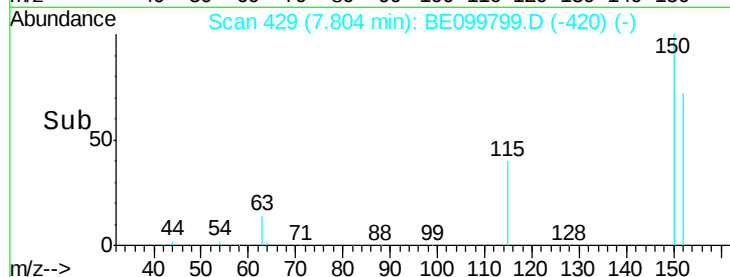
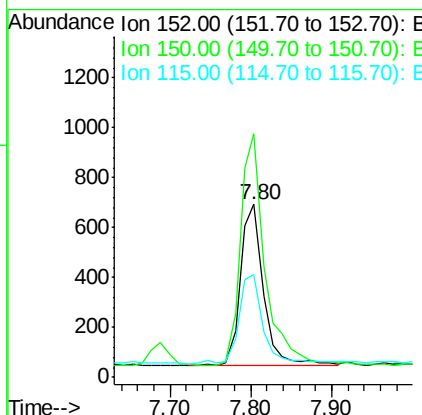
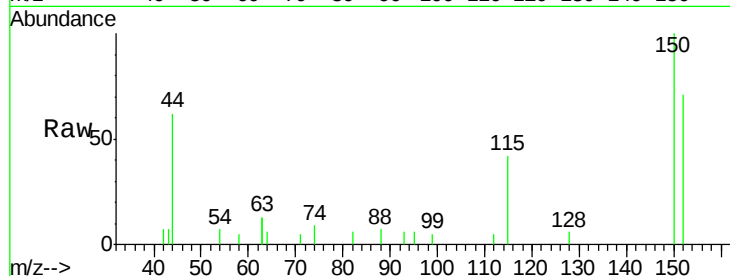
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	112.8	169.2
115	59.5	47.6	71.4

Manual Integrations
APPROVED

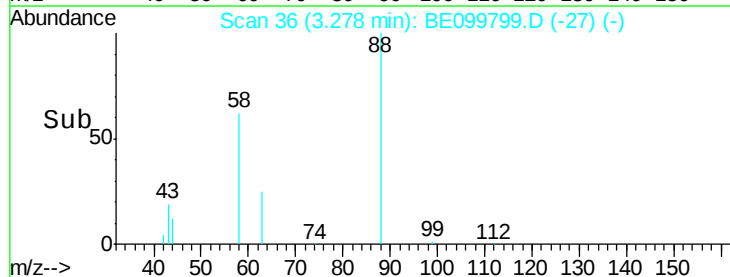
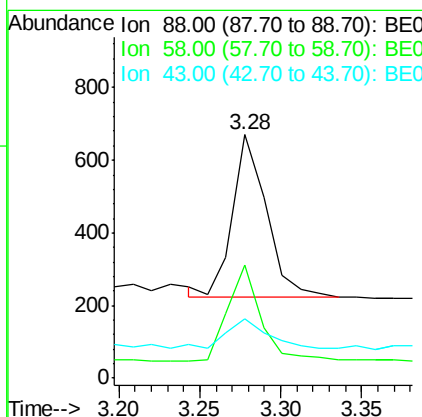
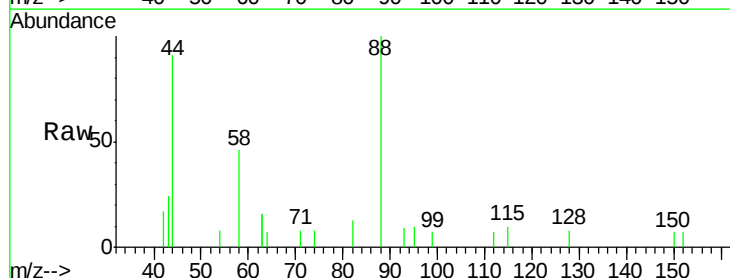
mohammad
6/6/2019 3:42:50 PM

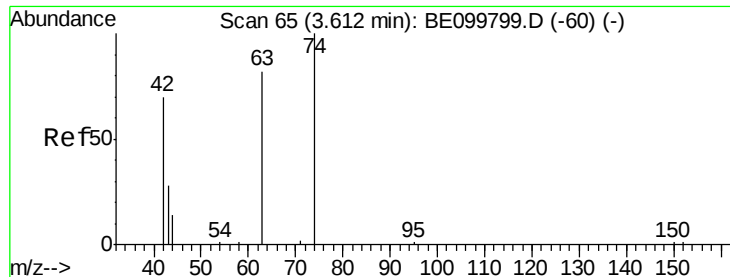


#2

1,4-Dioxane
Concen: 0.336 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	47.5	71.3
43	22.8	18.2	27.4





#3

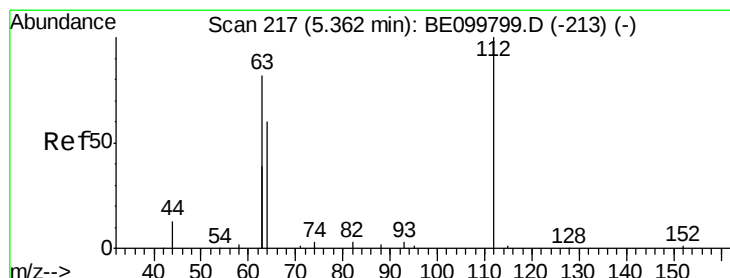
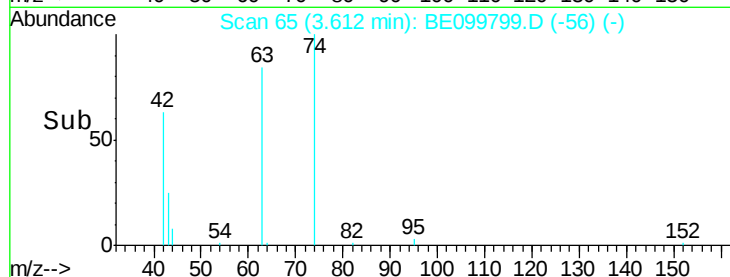
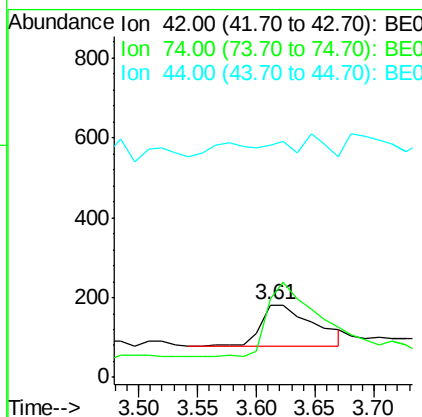
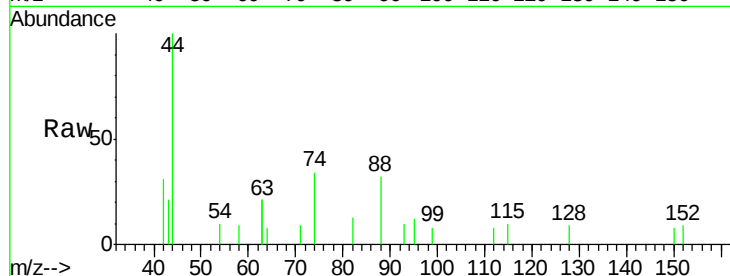
n-Nitrosodimethylamine
 Concen: 0.307 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	165.7	137.8	206.6
44	16.7	10.8	16.2#

Manual Integrations
 APPROVED

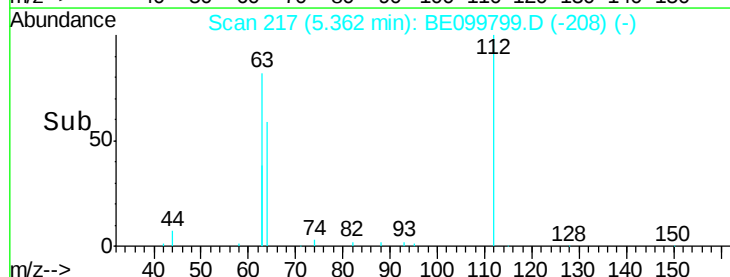
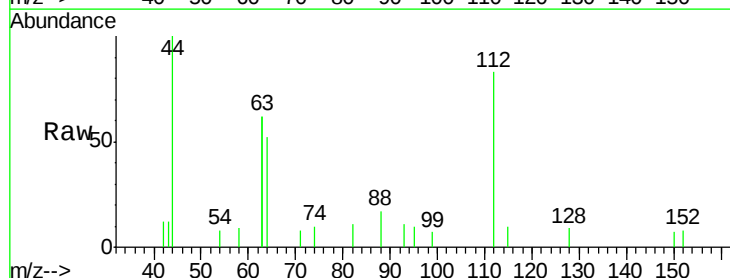
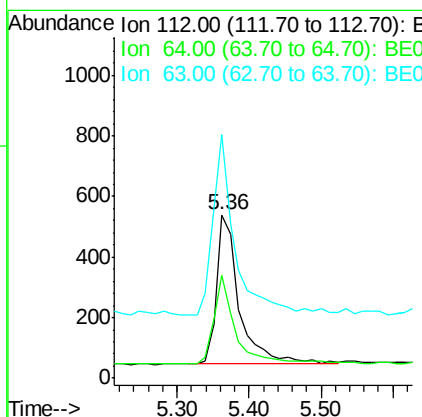
mohammad
 6/6/2019 3:42:50 PM

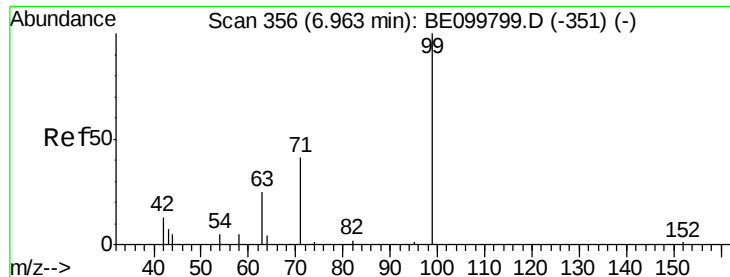


#4

2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.2	70.8
63	113.4	90.7	136.1





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

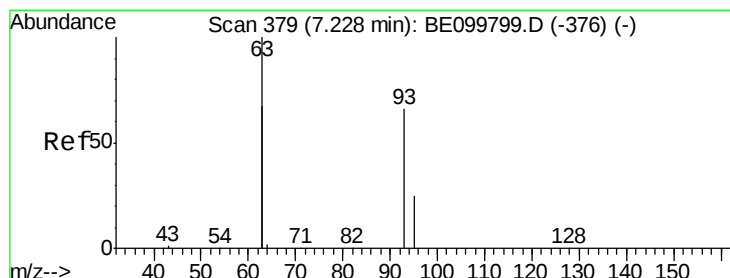
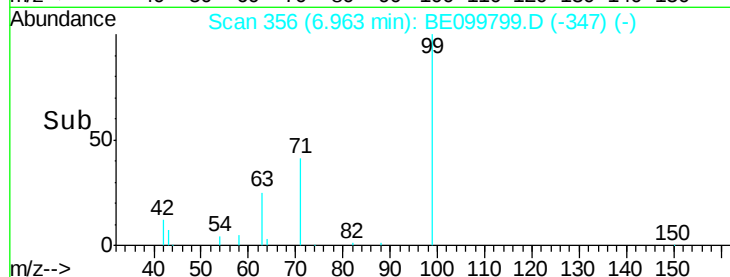
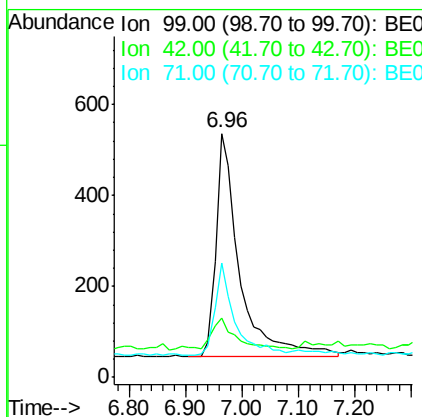
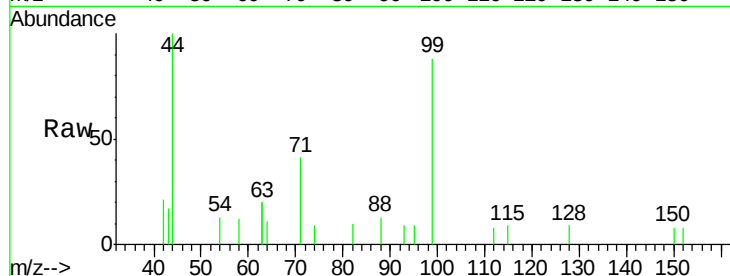
ClientSampleId :

SSTDICCC0.4

Tot Ion:	99	Resp:	1443
Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.4
71	32.6	26.1	39.1

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.315 ng

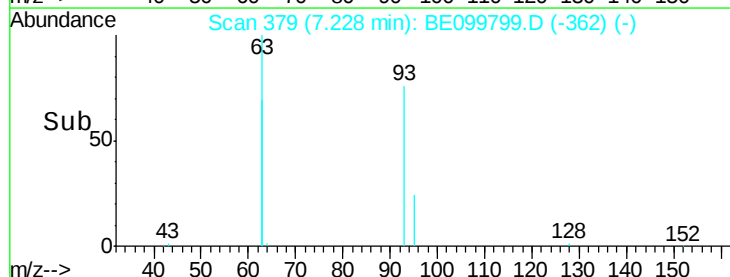
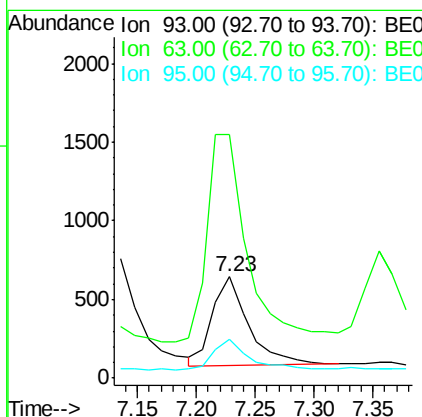
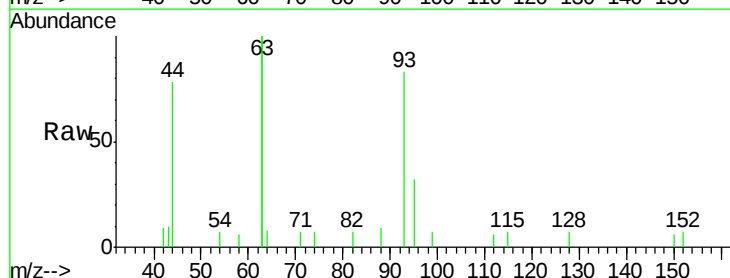
RT: 7.23 min Scan# 379

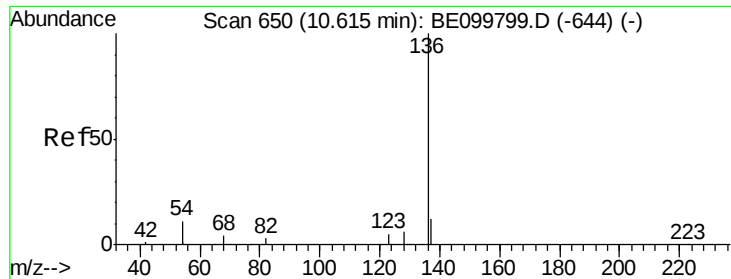
Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Tgt Ion:	93	Resp:	1209
Ion	Ratio	Lower	Upper
93	100		
63	261.0	208.8	313.2
95	34.5	27.6	41.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

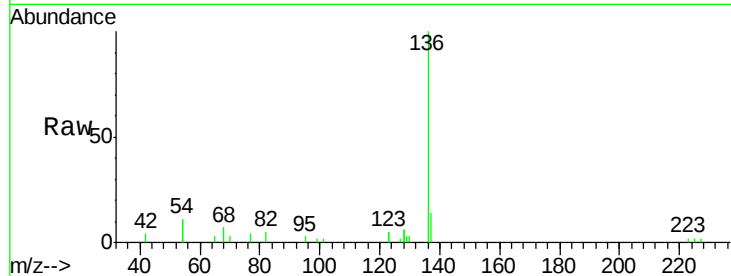
ClientSampleId :

SSTDICCC0.4

Tot Ion:	136	Resp:	4571
Ion Ratio	Lower	Upper	
136	100		
137	13.9	11.1	16.7
54	22.4	17.9	26.9
68	6.7	5.4	8.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM

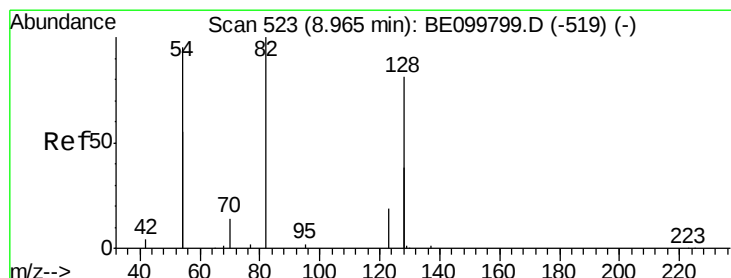
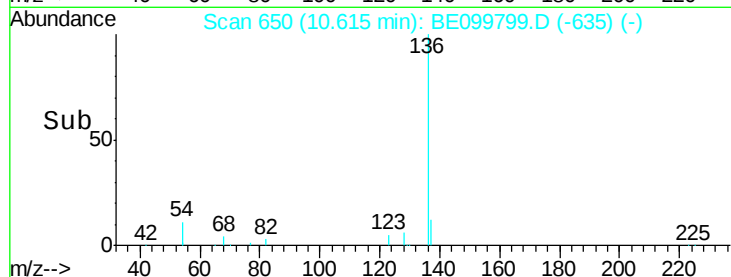
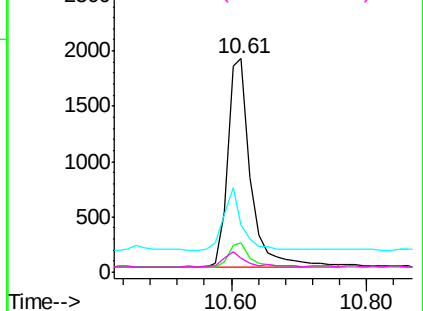


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.358 ng

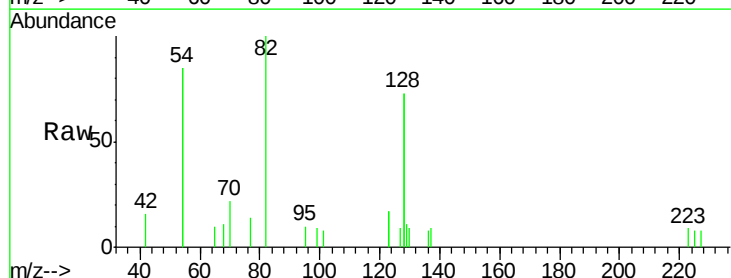
RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

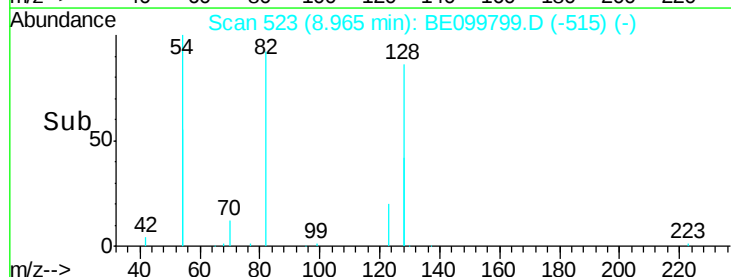
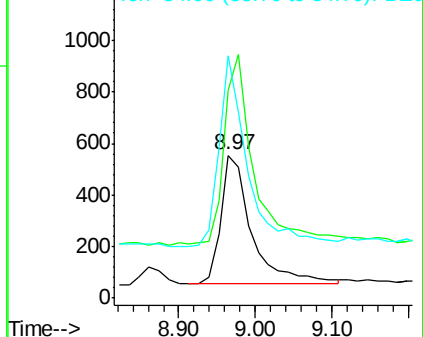
Tgt Ion:	82	Resp:	1415
Ion Ratio	Lower	Upper	
82	100		
128	145.8	116.6	175.0
54	170.3	136.2	204.4

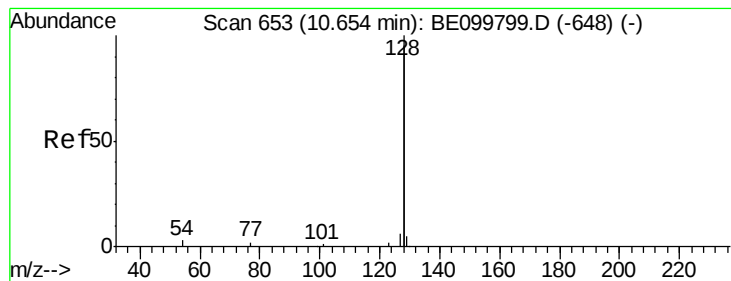


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

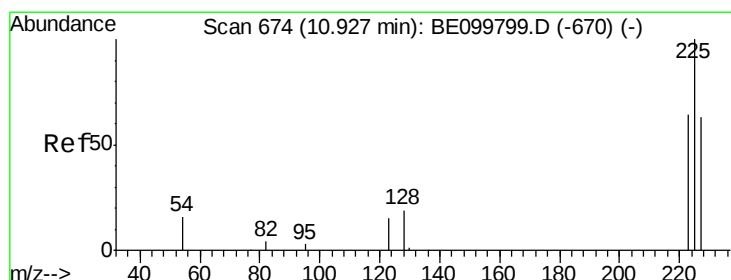
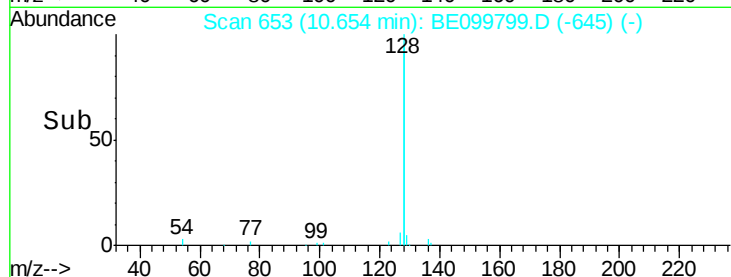
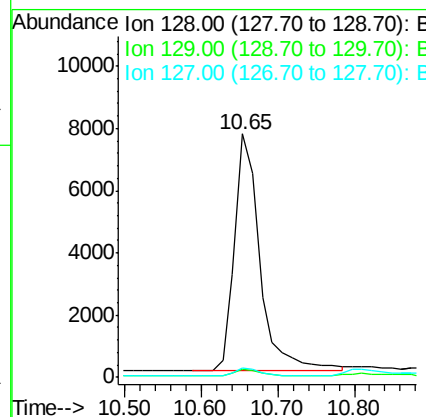
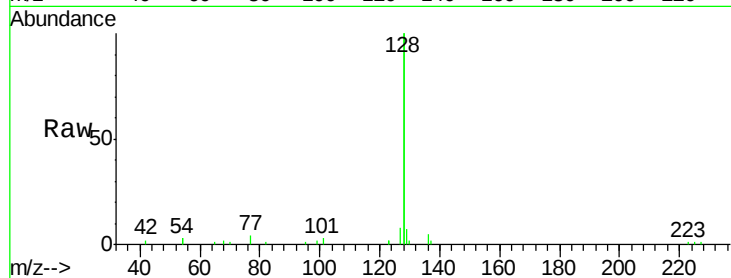
ClientSampleId :

SSTDICCC0.4

Tot Ion:	128	Resp:	17563
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	4.0
127	3.8	3.0	4.6

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM



#10

Hexachlorobutadiene

Concen: 0.373 ng

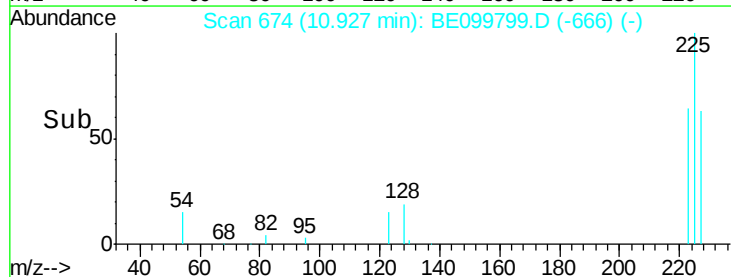
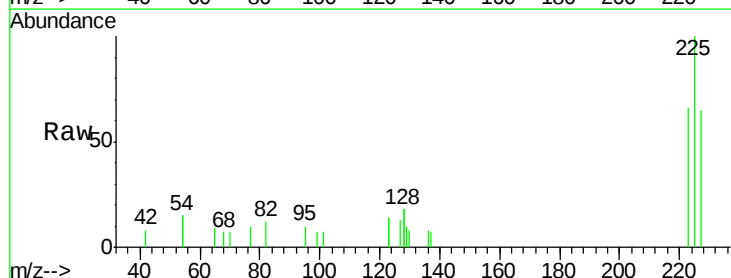
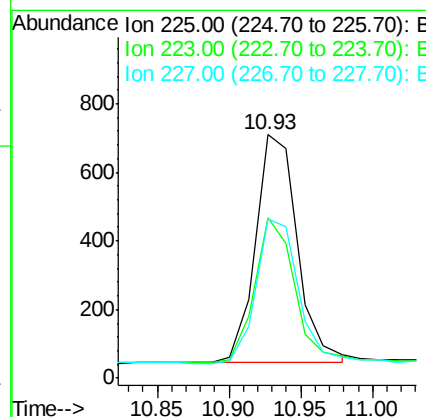
RT: 10.93 min Scan# 674

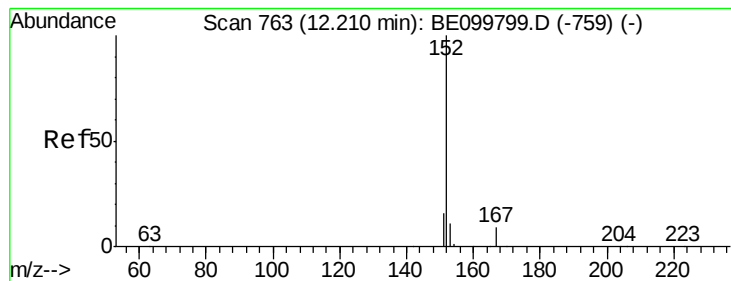
Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Tgt Ion:	225	Resp:	1341
Ion Ratio	Lower	Upper	
225	100		
223	60.7	48.6	72.8
227	64.5	51.8	77.6





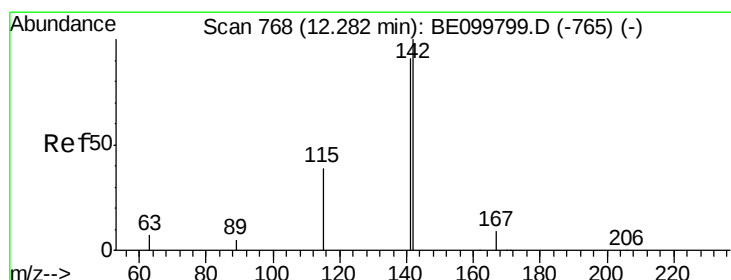
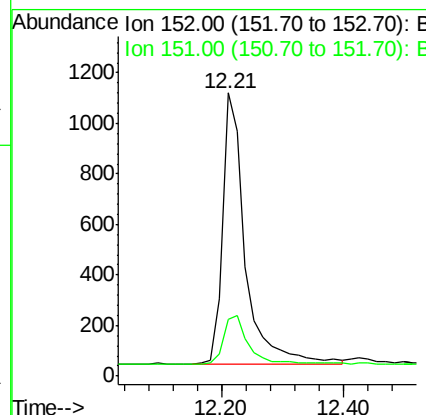
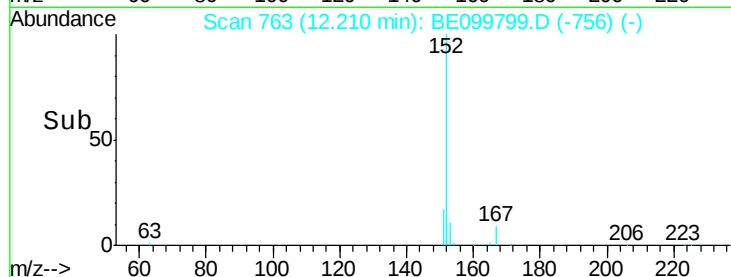
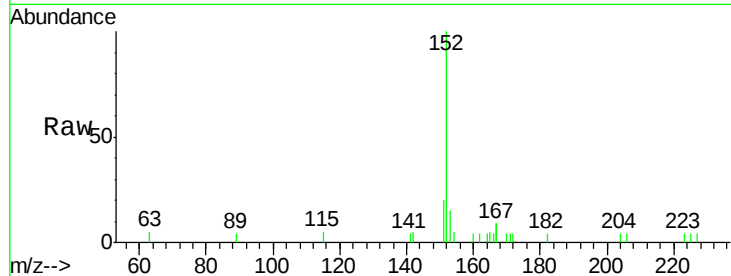
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3

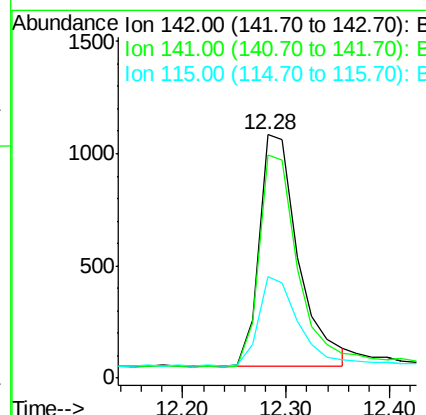
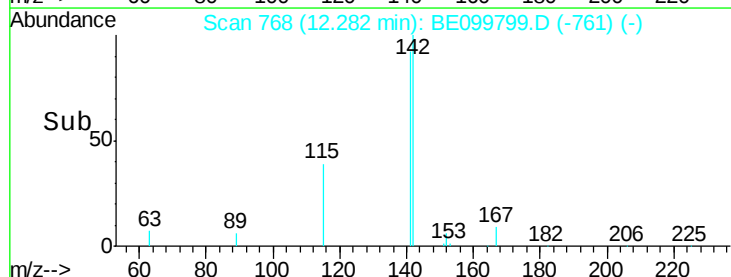
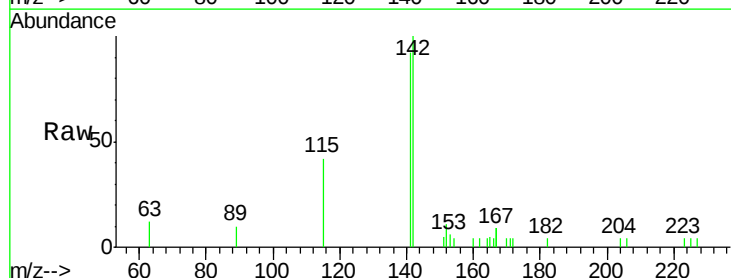
Manual Integrations
APPROVED

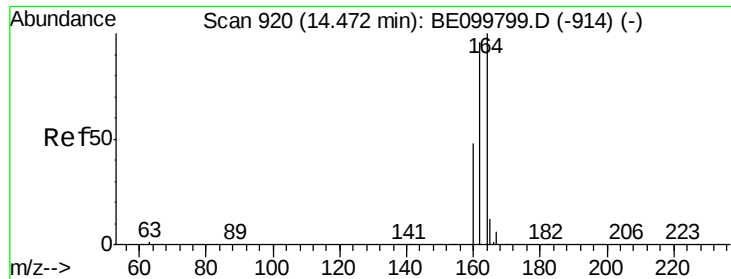
mohammad
6/6/2019 3:42:50 PM



#12
2-Methylnaphthalene
Concen: 0.344 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9
115	41.8	33.4	50.2





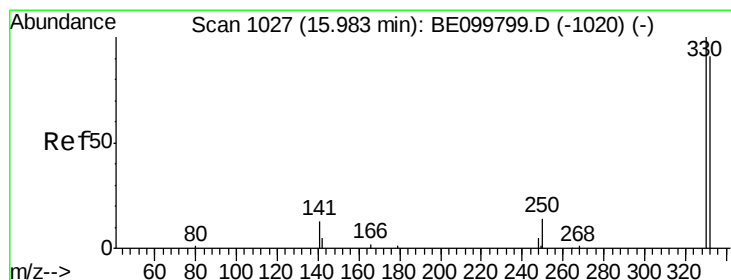
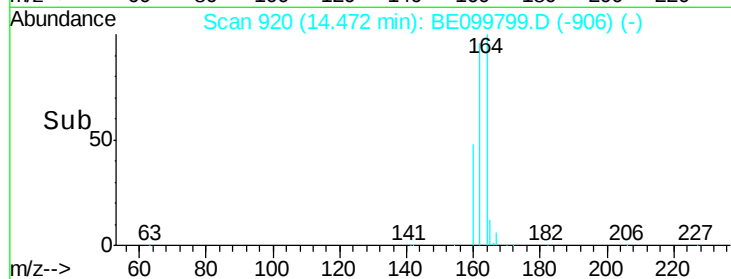
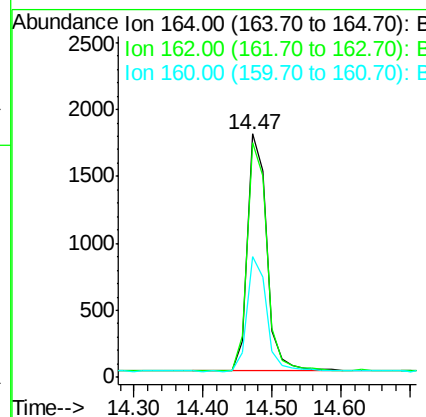
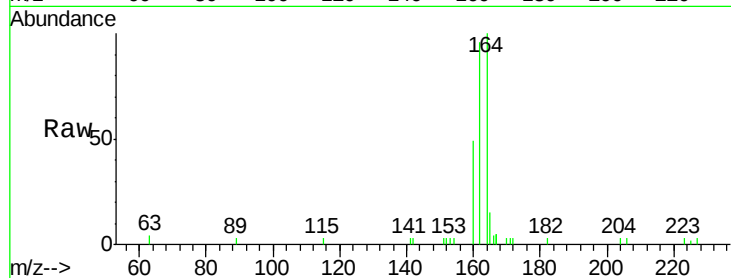
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.2	115.8
160	49.3	39.4	59.2

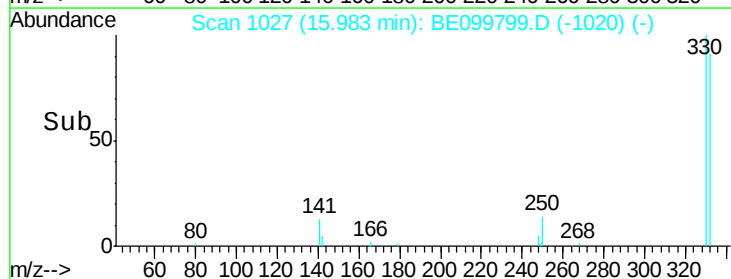
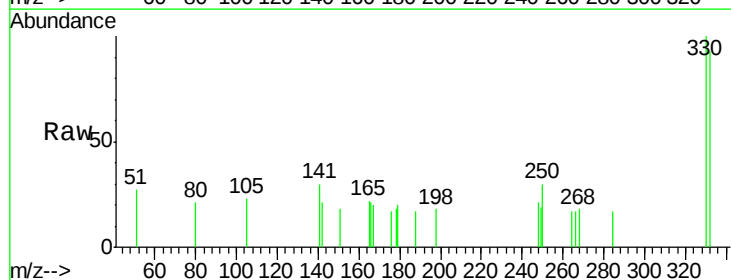
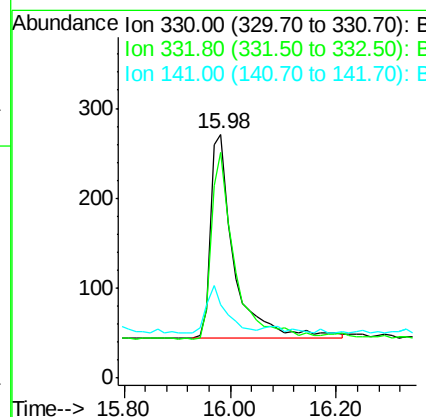
Manual Integrations
APPROVED

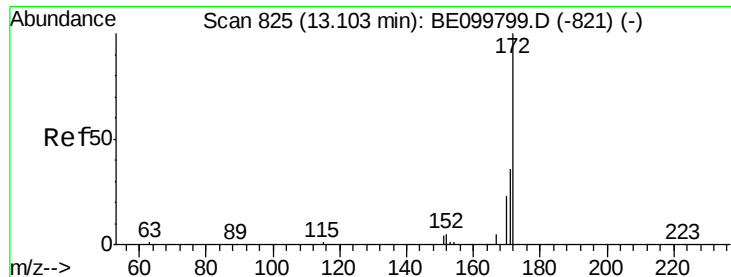
mohammad
6/6/2019 3:42:50 PM



#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	72.9	109.3
141	20.0	15.6	23.4





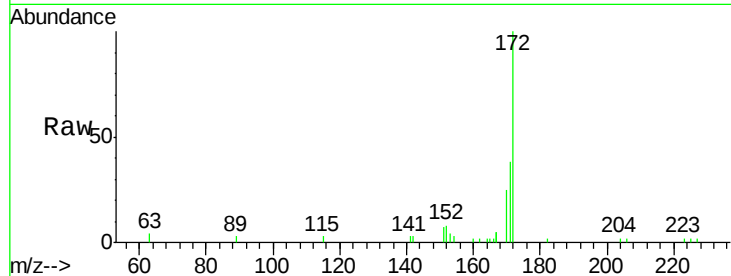
#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.2	45.4
170	25.1	20.1	30.1

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM

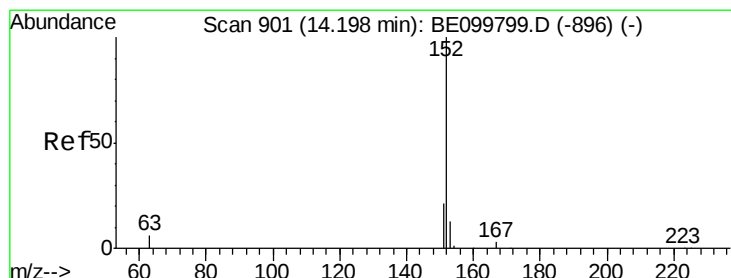
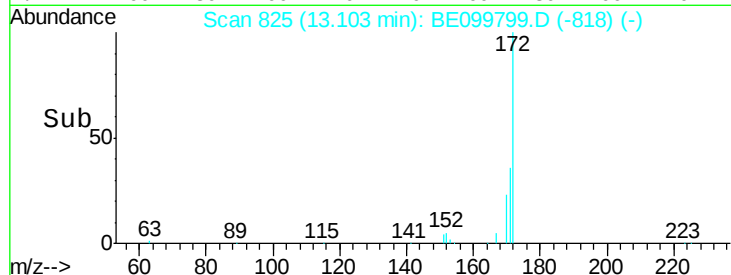
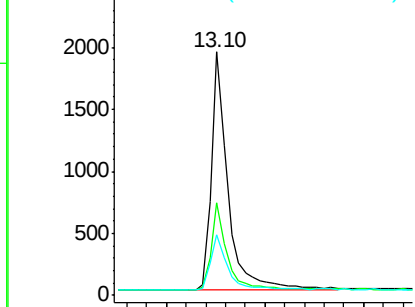


Abundance

Ion 172.00 (171.70 to 172.70): E

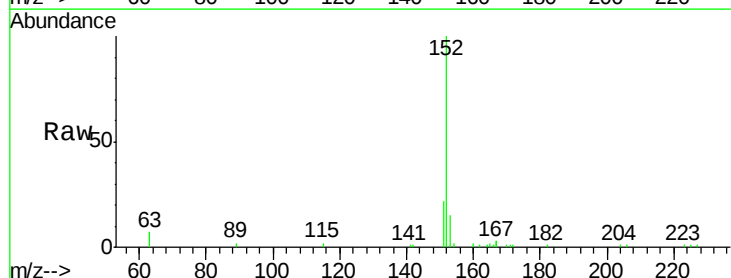
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.5	10.8	16.2

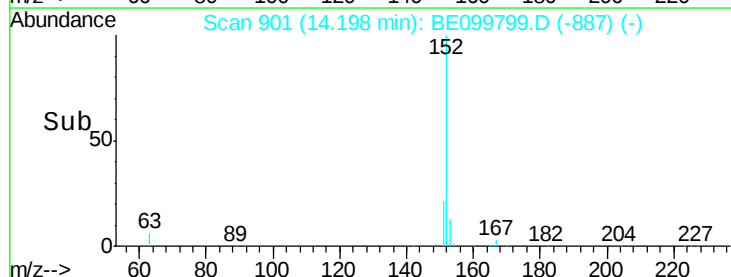
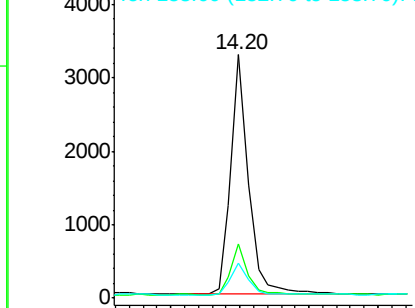


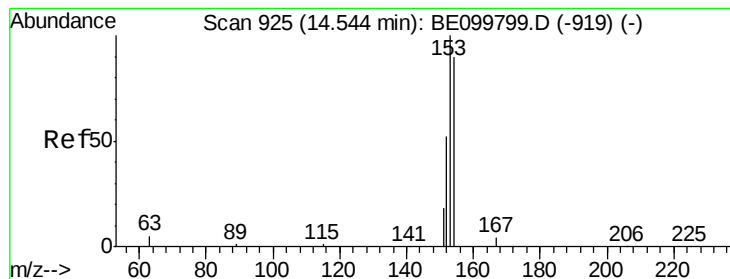
Abundance

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: 0.356 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

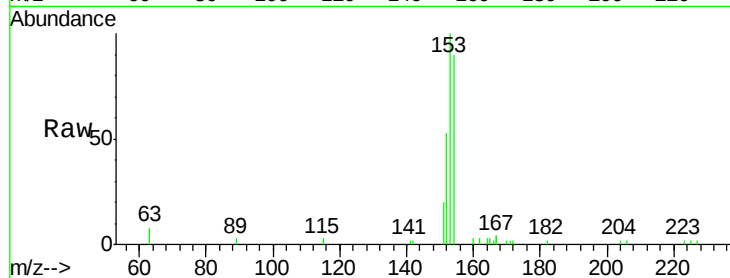
ClientSampleId :

SSTDICCC0.4

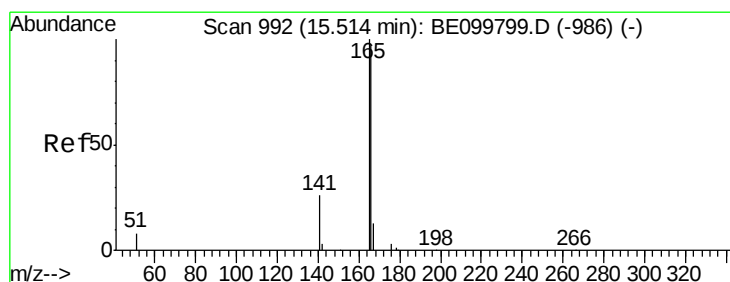
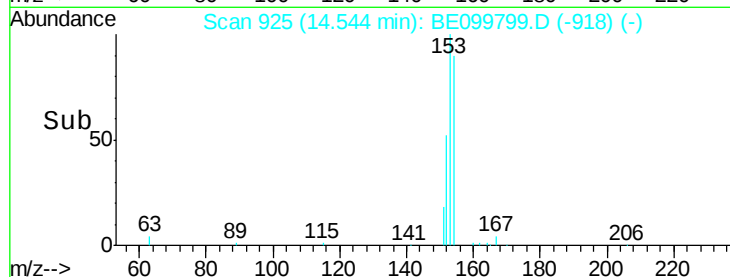
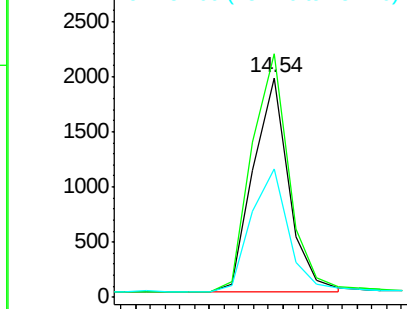
Tot Ion:	154	Resp:	3223
Ion	Ratio	Lower	Upper
154	100		
153	117.2	92.8	139.2
152	60.4	47.7	71.5

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 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: 0.369 ng

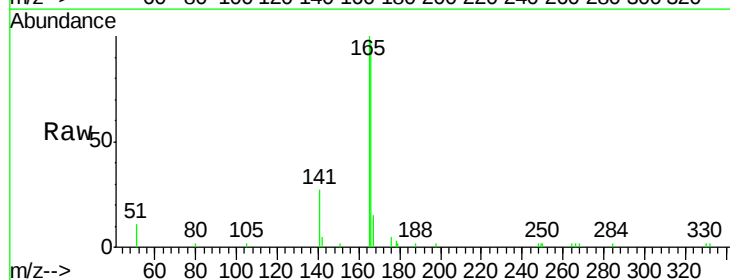
RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

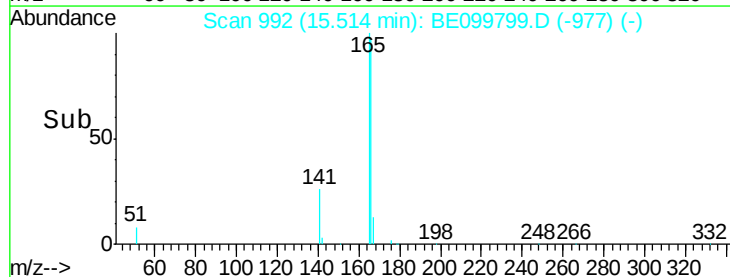
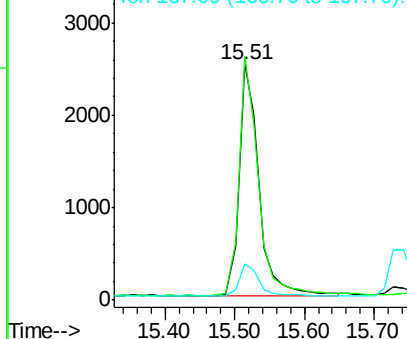
Lab File: BE099799.D

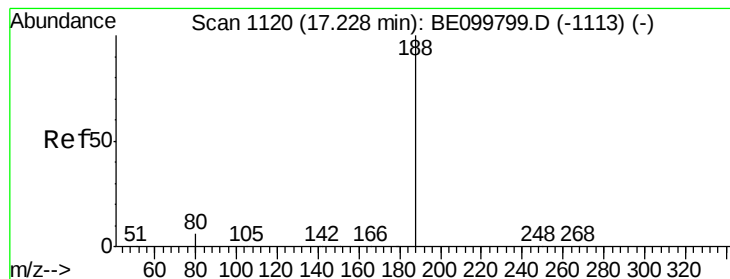
Acq: 5 Jun 2019 10:25

Tgt Ion:	166	Resp:	4922
Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.4	120.6
167	13.4	10.7	16.1



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

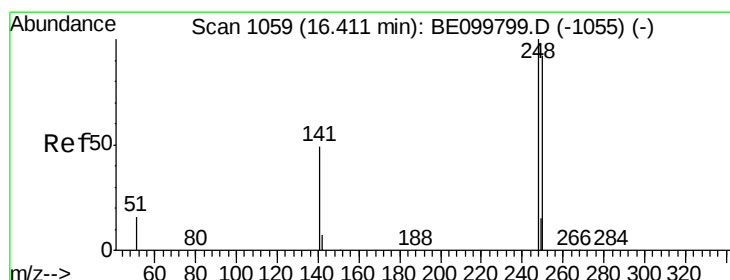
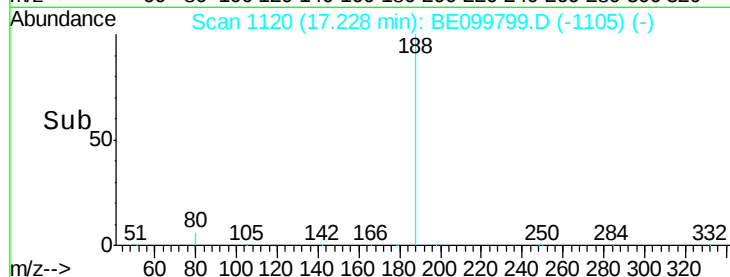
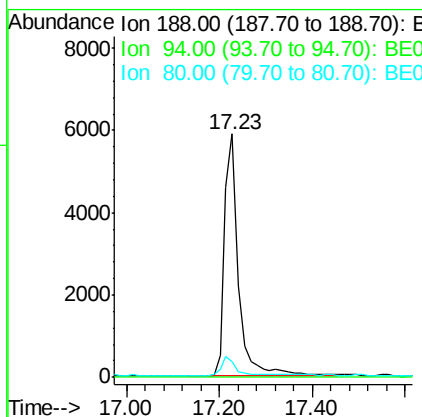
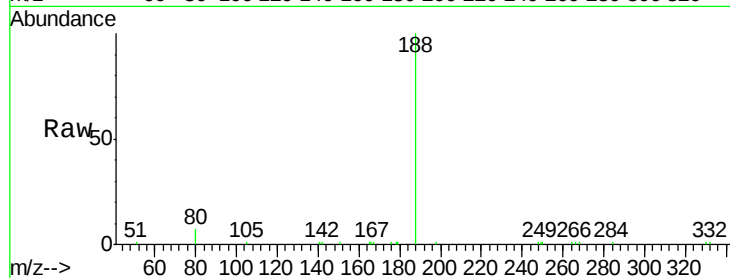
ClientSampleId :

SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	5.2	7.8

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM



#20

4-Bromophenyl-phenylether

Concen: 0.316 ng

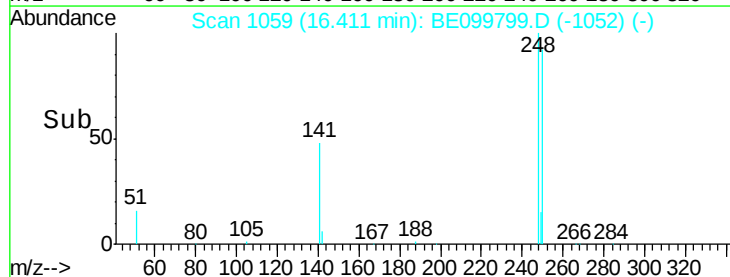
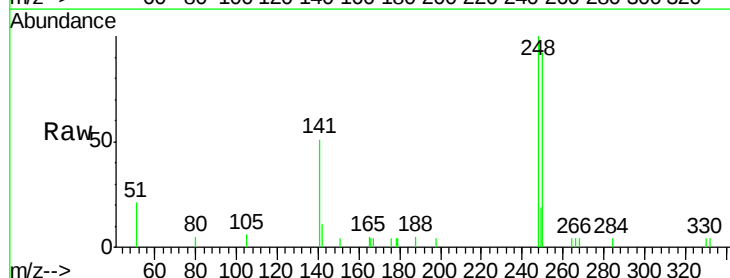
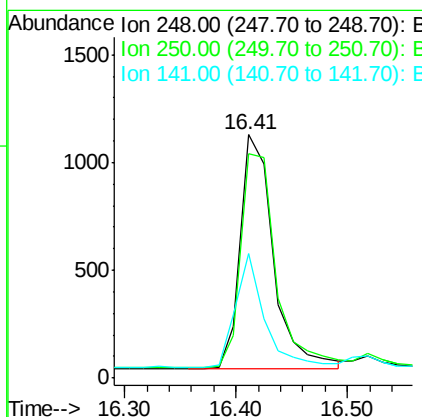
RT: 16.41 min Scan# 1059

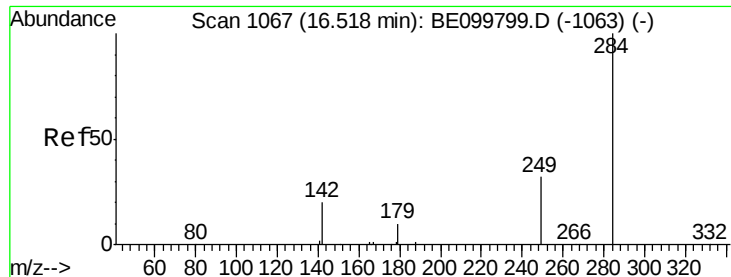
Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.1	73.7	110.5
141	51.1	40.9	61.3





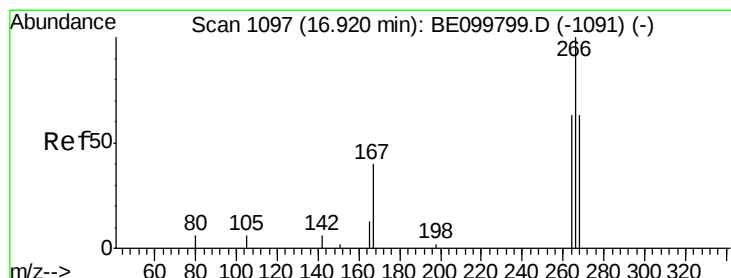
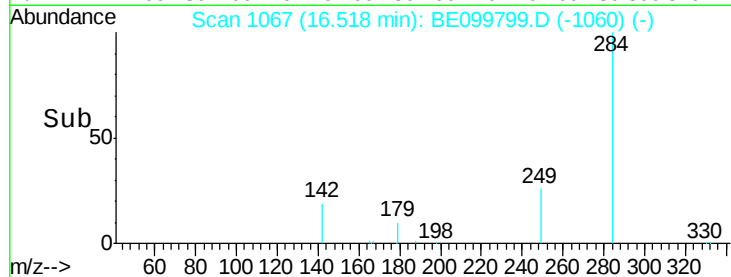
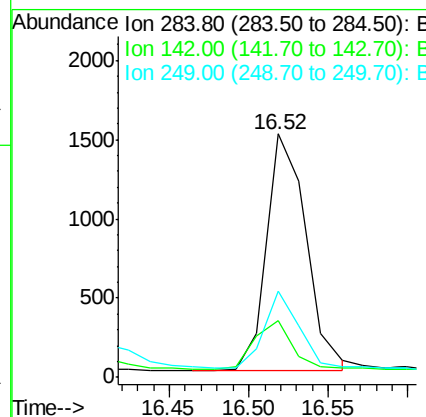
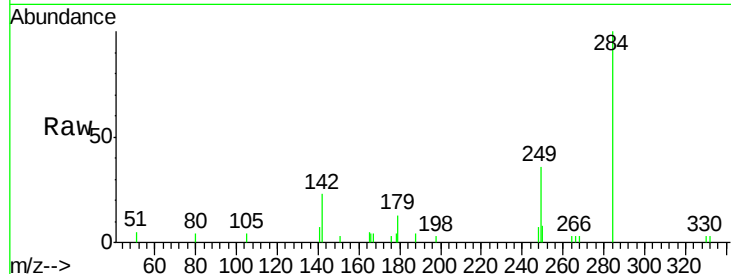
#21
Hexachlorobenzene
Concen: 0.355 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	20.3	16.2	24.4
249	28.9	23.0	34.6

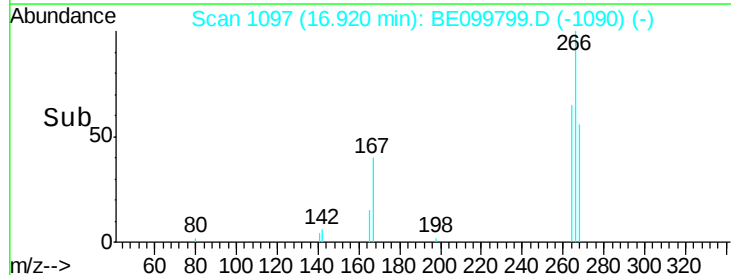
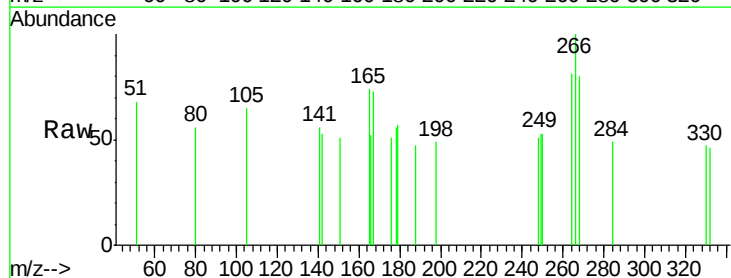
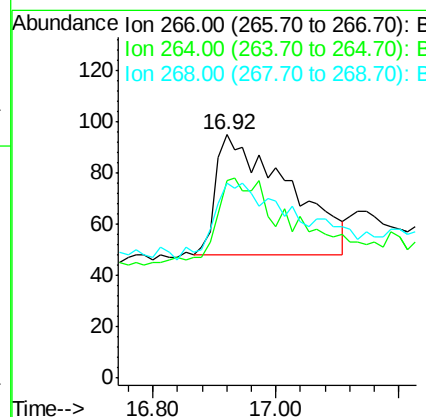
Manual Integrations
APPROVED

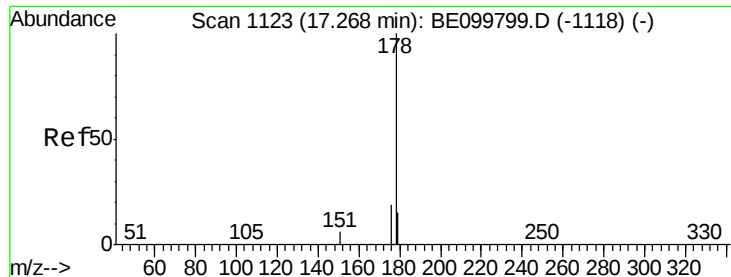
mohammad
6/6/2019 3:42:50 PM



#22
Pentachlorophenol
Concen: 0.184 ng m
RT: 16.92 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	81.1	64.9	97.3
268	80.0	64.0	96.0





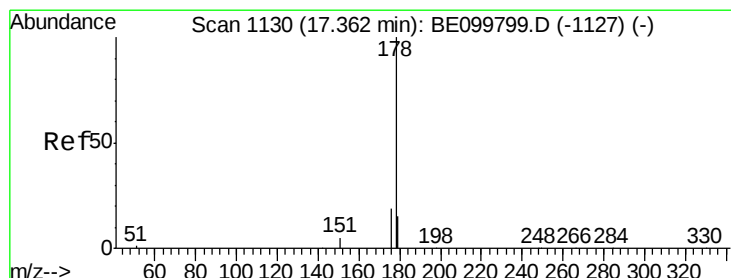
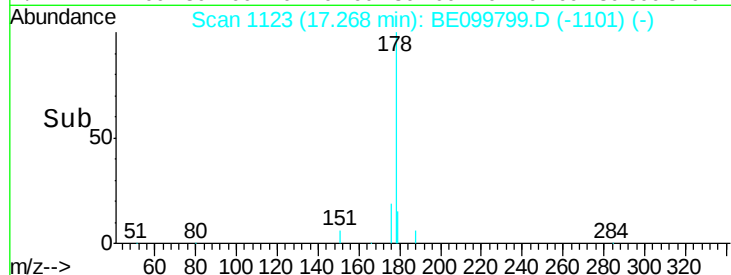
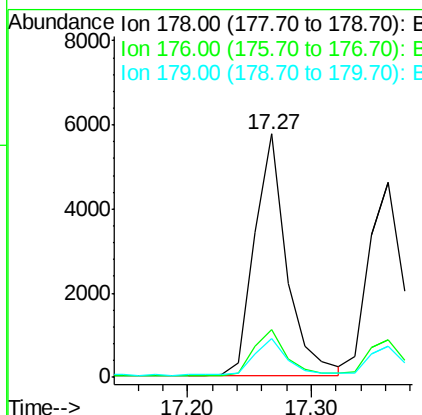
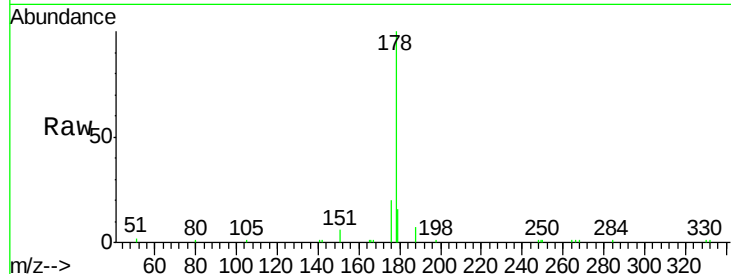
#23
Phenanthrene
Concen: 0.344 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

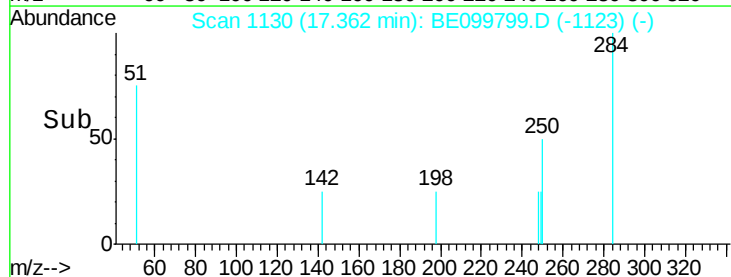
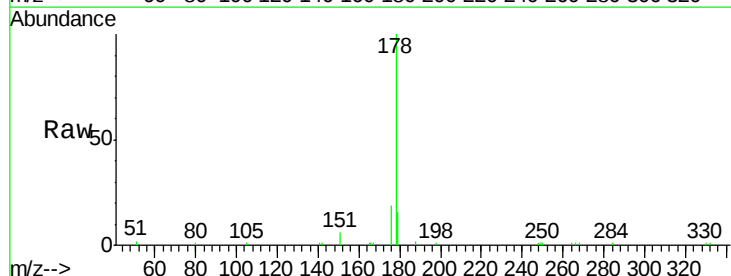
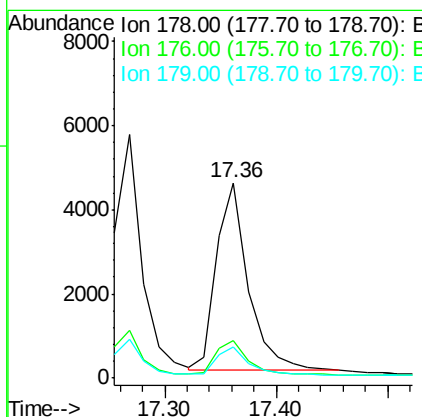
Manual Integrations
APPROVED

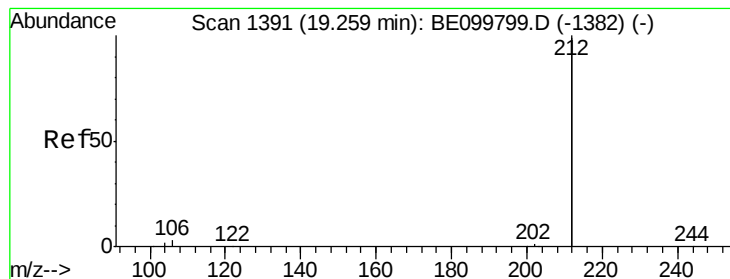
mohammad
6/6/2019 3:42:50 PM



#24
Anthracene
Concen: 0.325 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.1	12.1	18.1





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

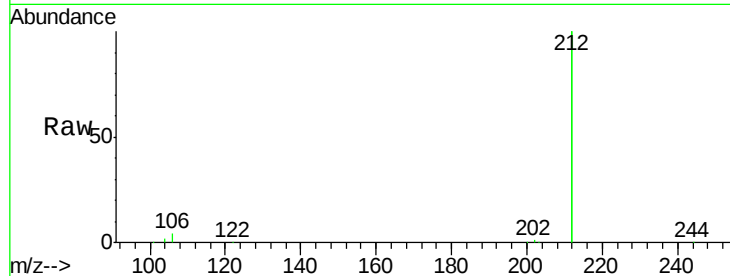
ClientSampleId :

SSTDICCC0.4

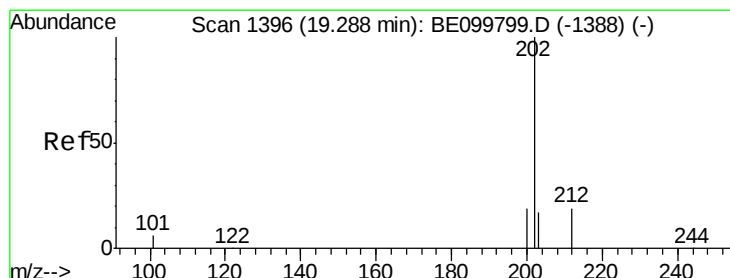
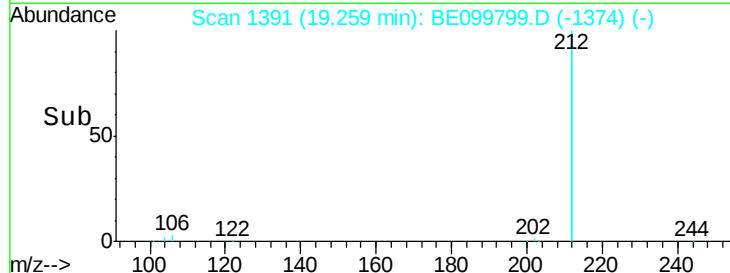
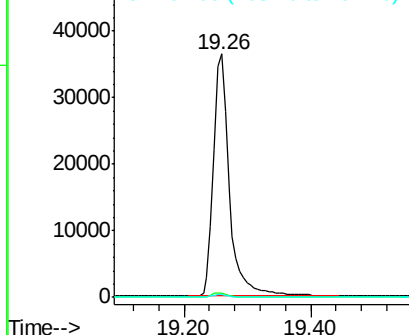
Tot Ion:	212	Resp:	63418
Ion Ratio	Lower	Upper	
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.381 ng

RT: 19.29 min Scan# 1396

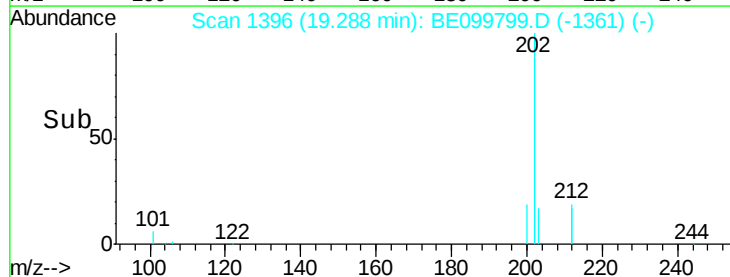
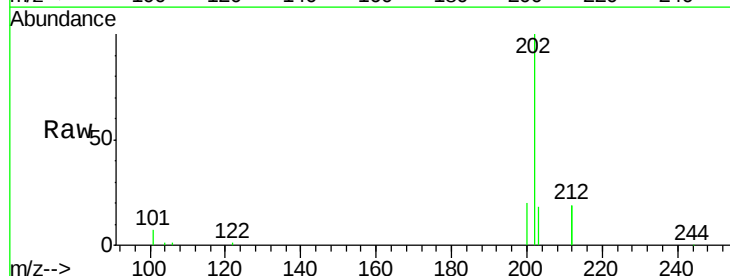
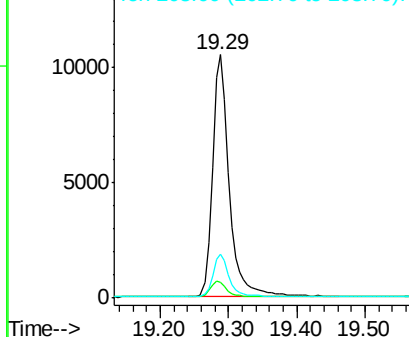
Delta R.T. 0.00 min

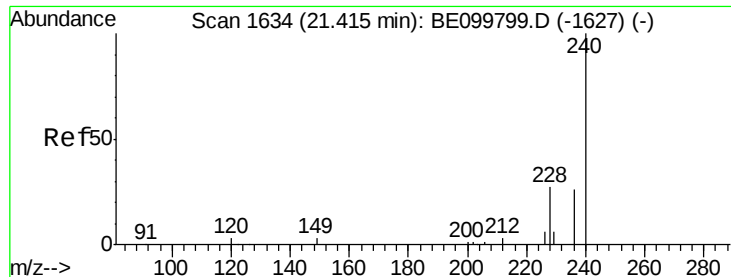
Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Tgt Ion:	202	Resp:	18112
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.2	7.8
203	17.0	13.6	20.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





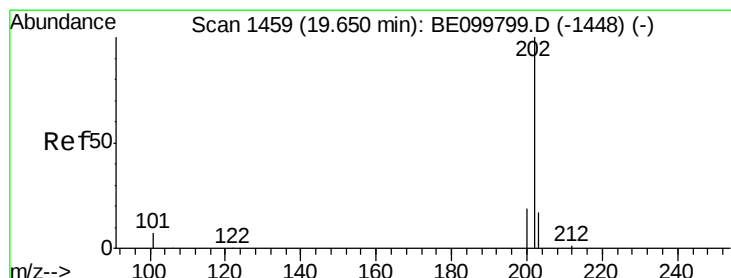
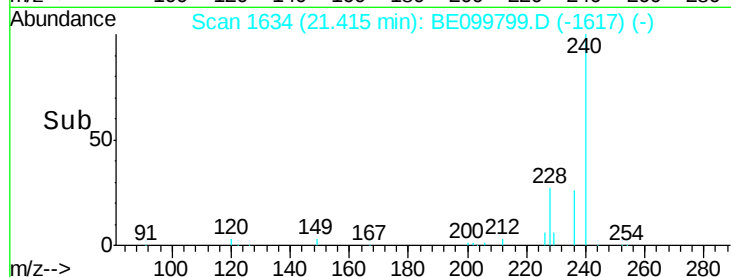
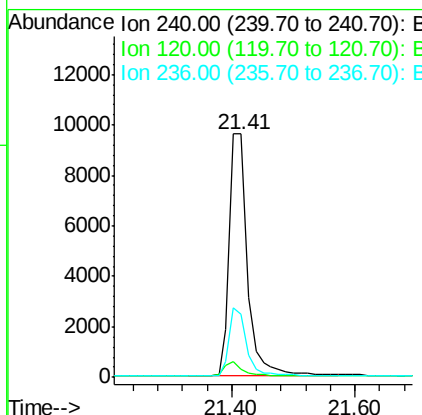
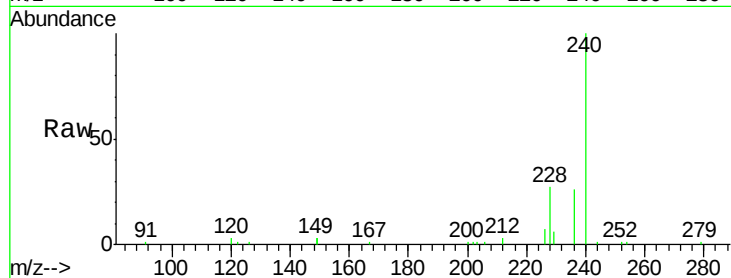
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:240 Resp: 19768
Ion Ratio Lower Upper
240 100
120 3.5 2.8 4.2
236 26.1 20.9 31.3

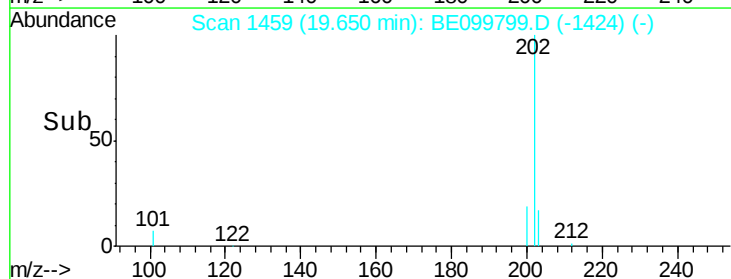
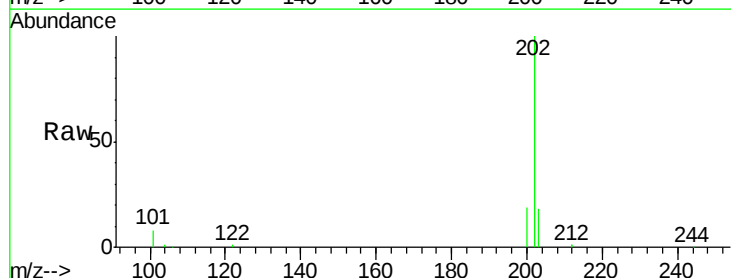
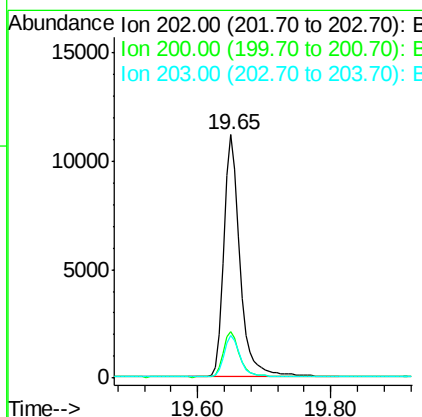
Manual Integrations
APPROVED

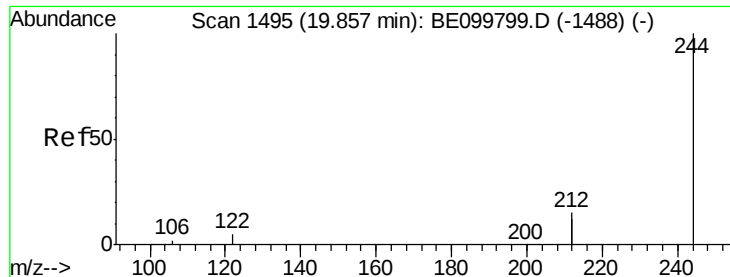
mohammad
6/6/2019 3:42:50 PM



#28
Pyrene
Concen: 0.379 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion:202 Resp: 18818
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 17.6 14.1 21.1





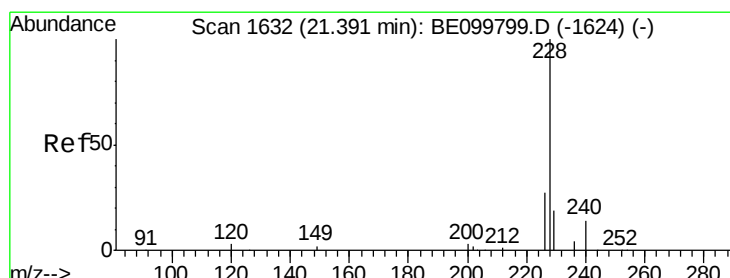
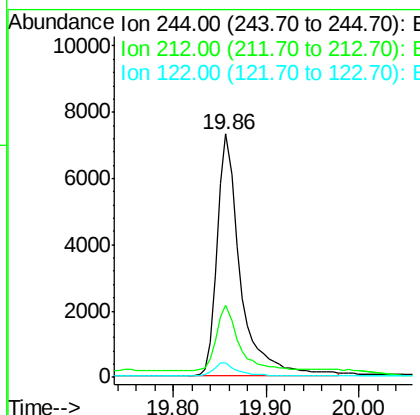
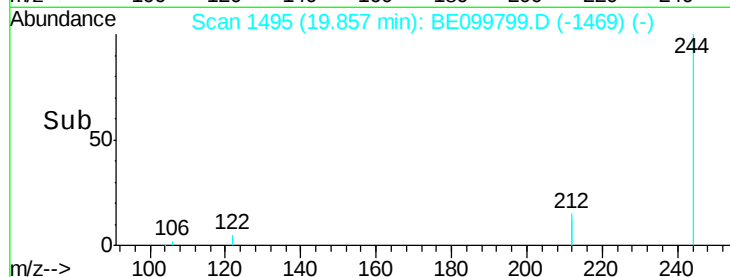
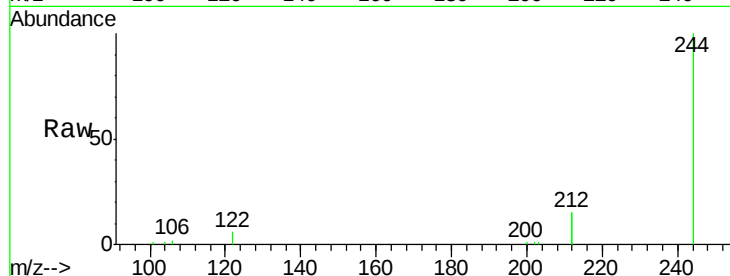
#29
 Terphenyl-d14
 Concen: 0.358 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

Instrument :
 BNA_E
 ClientSampleID :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.6	23.7	35.5
122	6.0	4.8	7.2

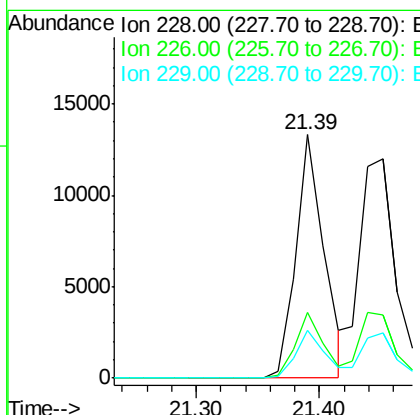
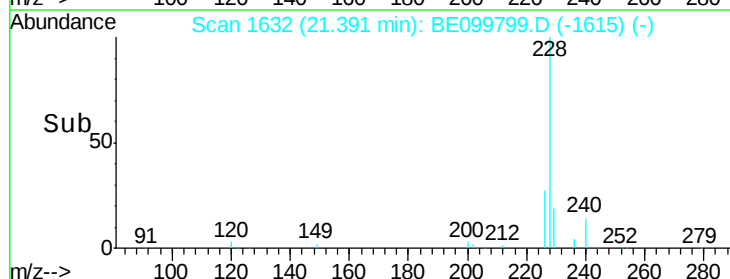
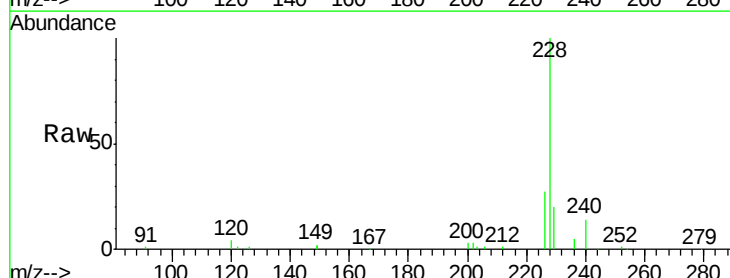
Manual Integrations
 APPROVED

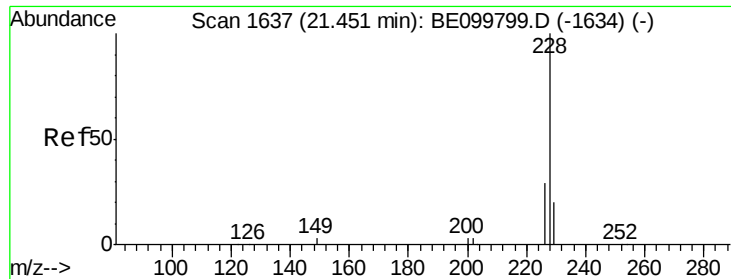
mohammad
 6/6/2019 3:42:50 PM



#30
 Benzo(a)anthracene
 Concen: 0.372 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.7	15.8	23.6





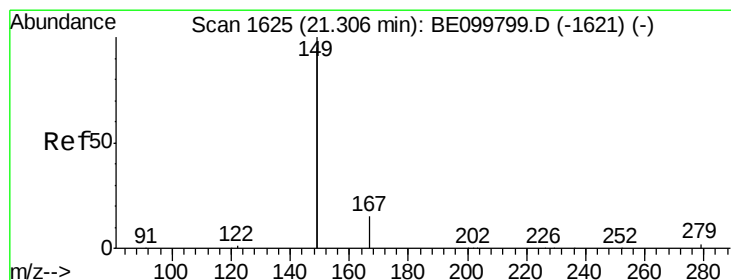
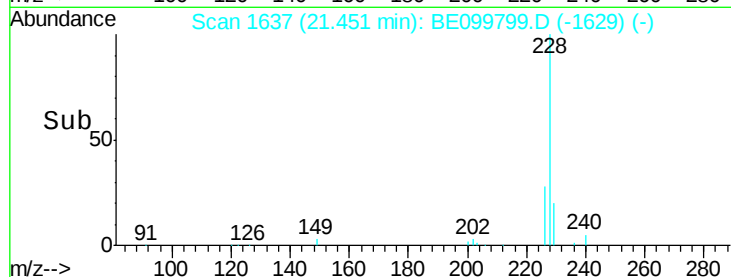
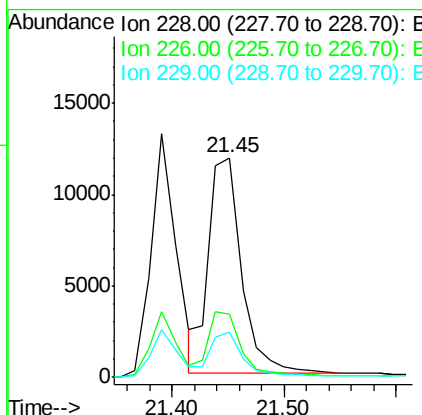
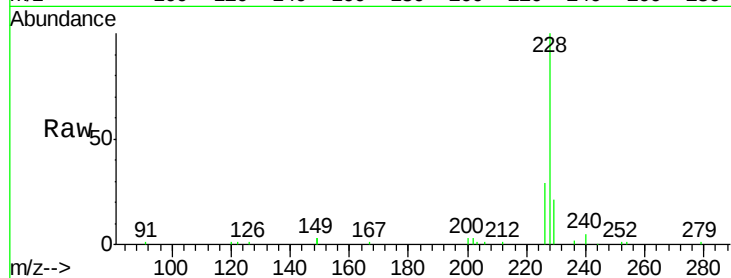
#31
Chrysene
Concen: 0.398 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	20.5	16.4	24.6

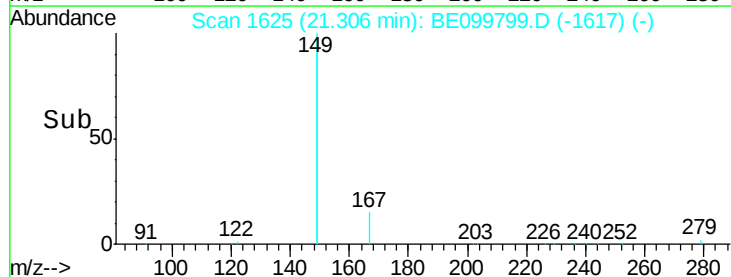
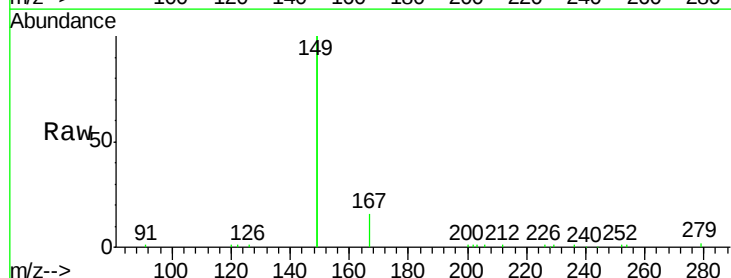
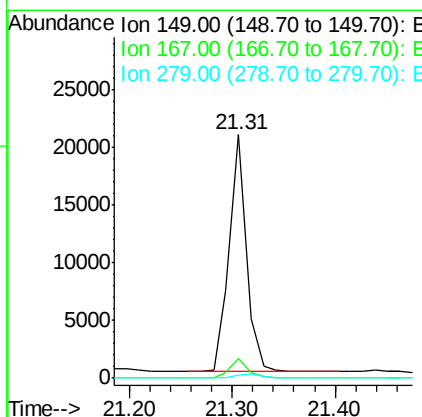
Manual Integrations
APPROVED

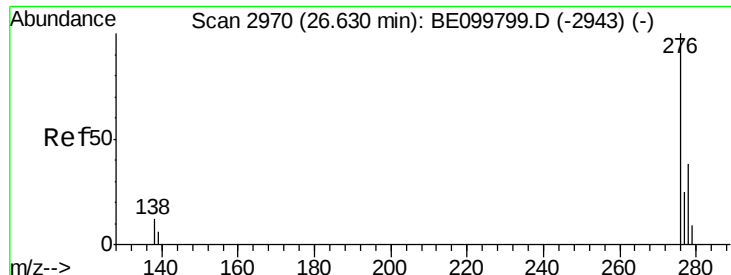
mohammad
6/6/2019 3:42:50 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.5	1.2	1.8





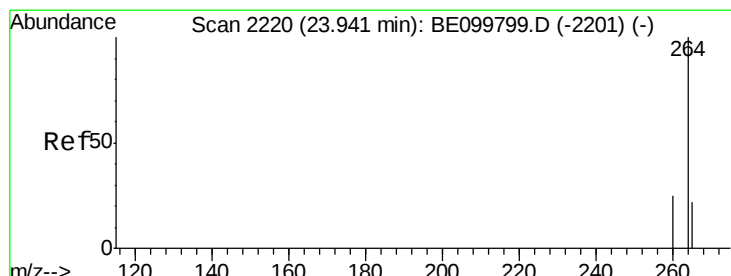
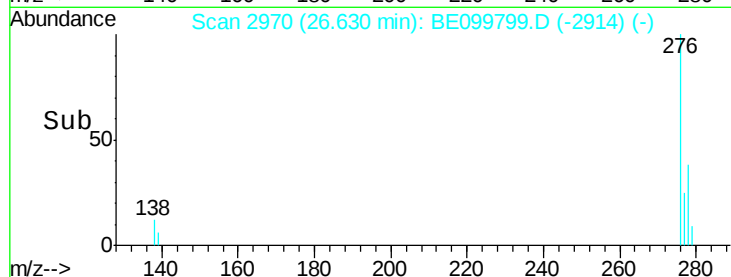
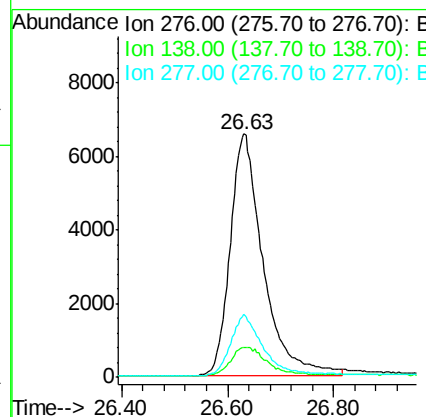
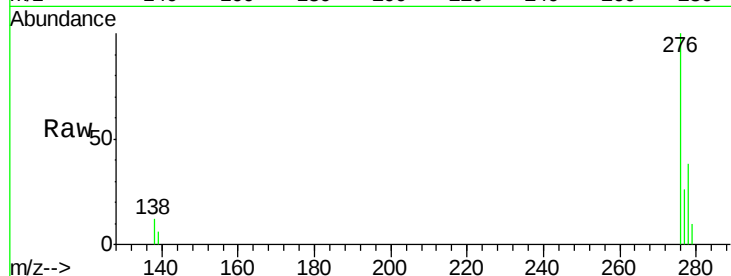
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.63 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.3	15.5
277	24.3	19.4	29.2

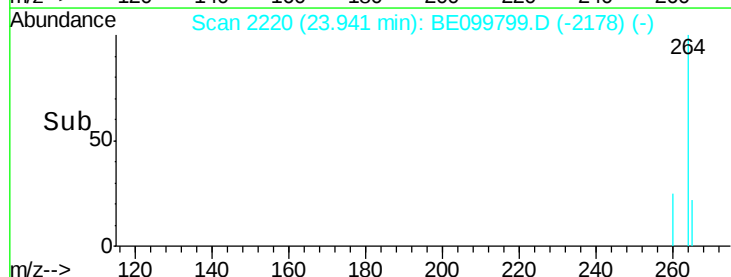
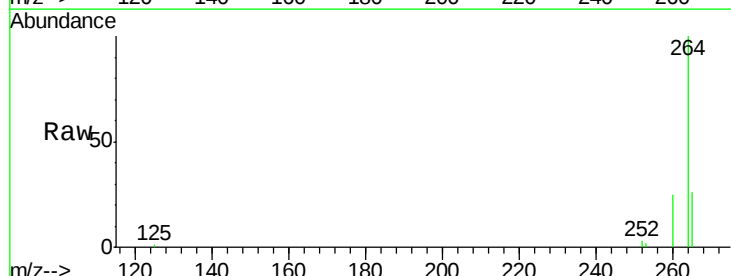
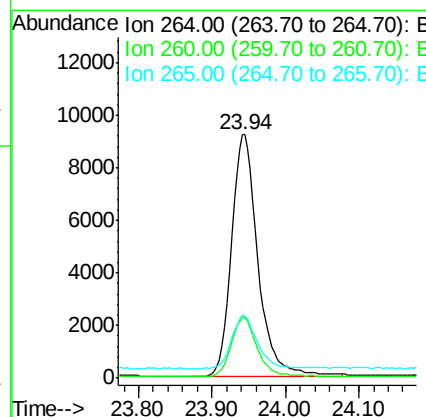
Manual Integrations
APPROVED

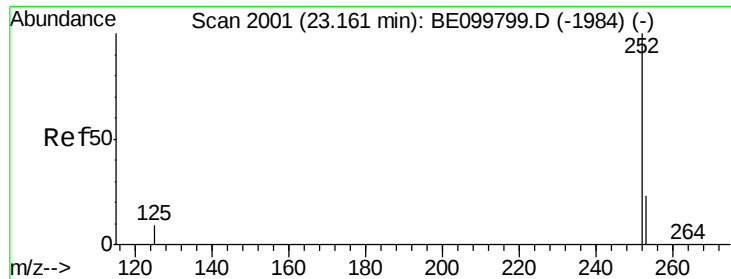
mohammad
6/6/2019 3:42:50 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	25.9	20.7	31.1





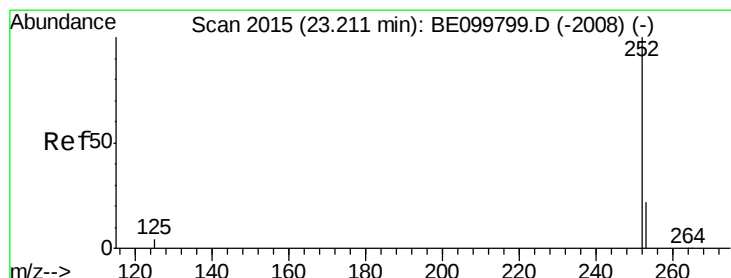
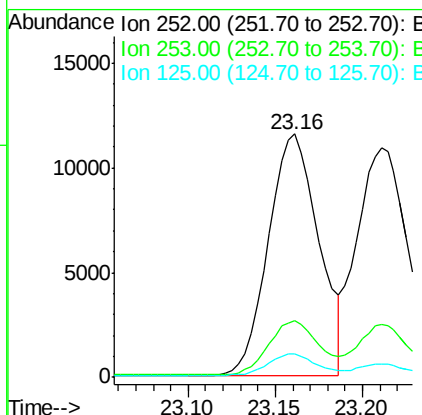
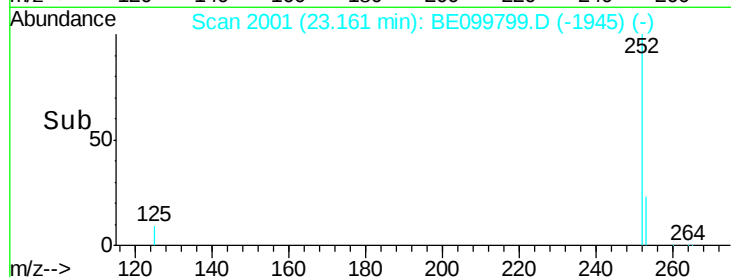
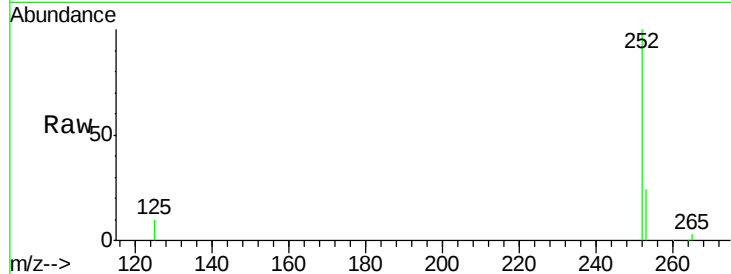
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	9.5	7.6	11.4

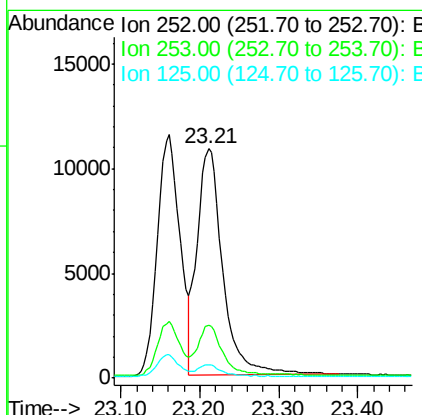
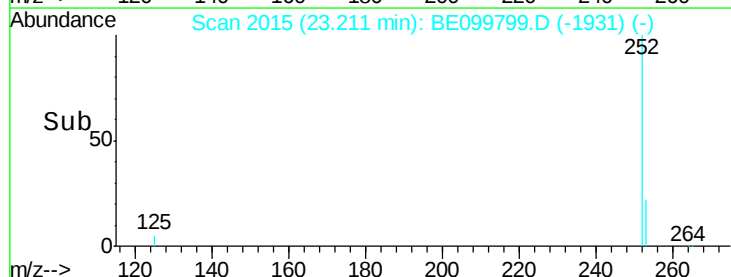
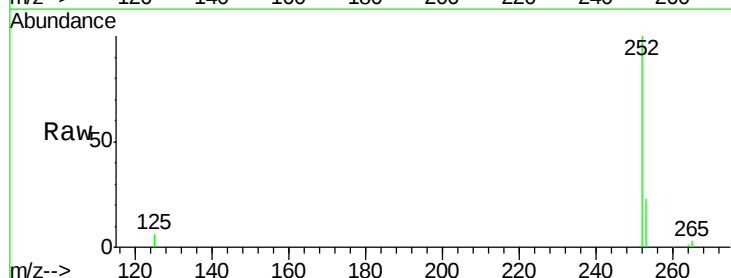
Manual Integrations
APPROVED

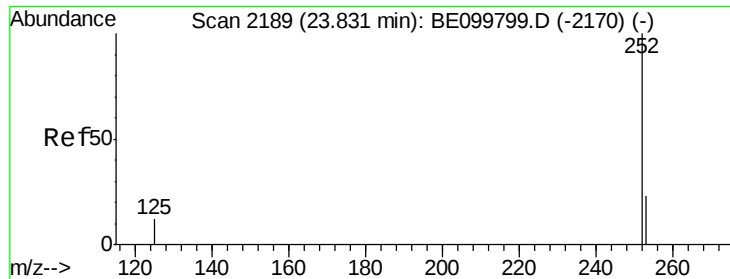
mohammad
6/6/2019 3:42:50 PM



#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	5.8	4.6	7.0





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.83 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

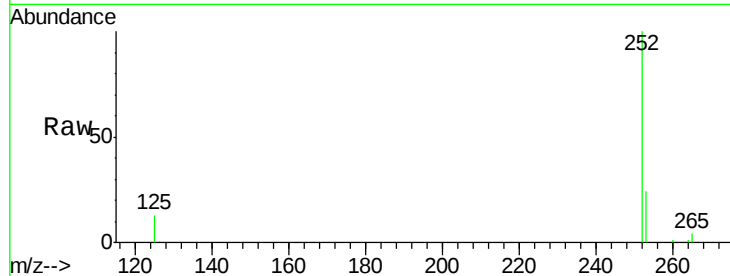
ClientSampleId :

SSTDICCC0.4

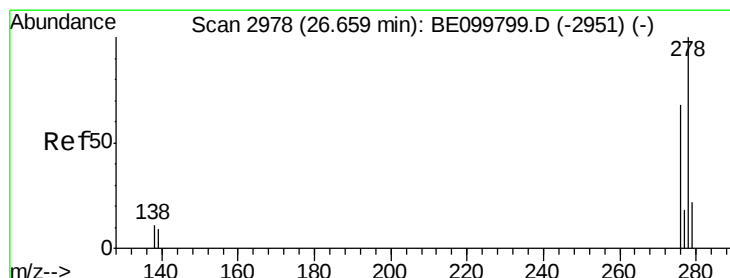
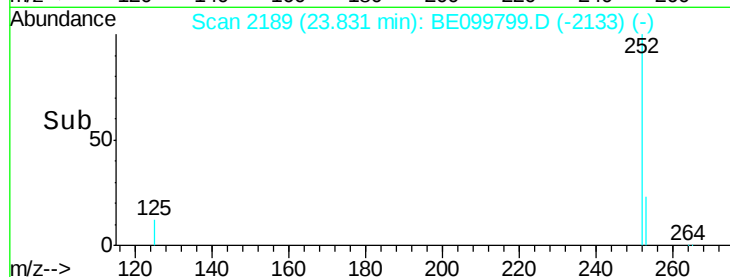
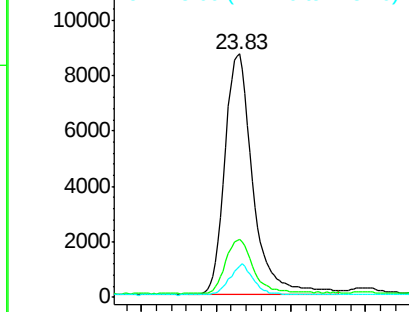
Tot Ion:	252	Resp:	22636
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.3	28.9
125	12.8	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:50 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: 0.347 ng

RT: 26.66 min Scan# 2978

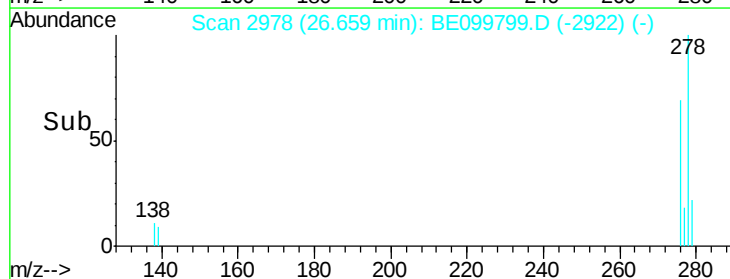
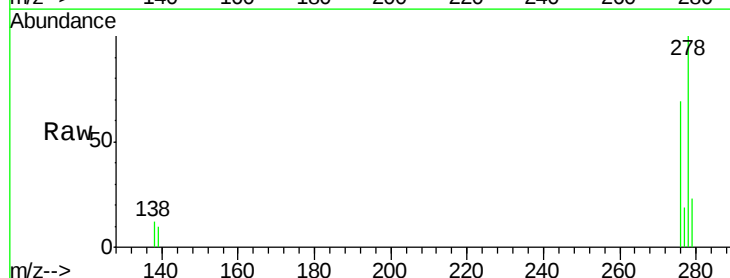
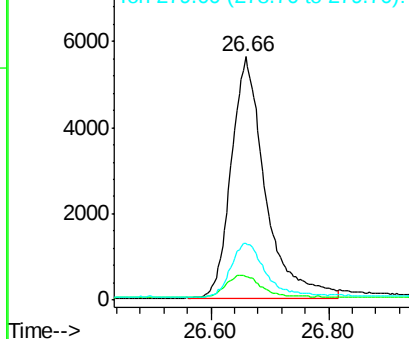
Delta R.T. 0.00 min

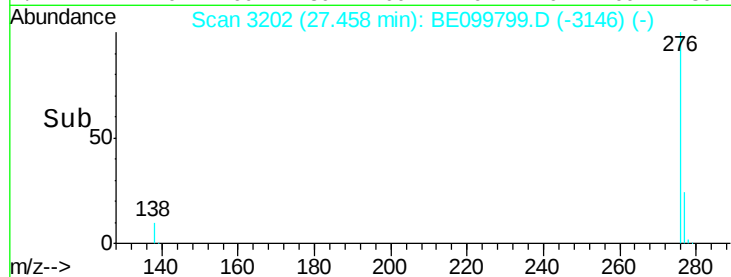
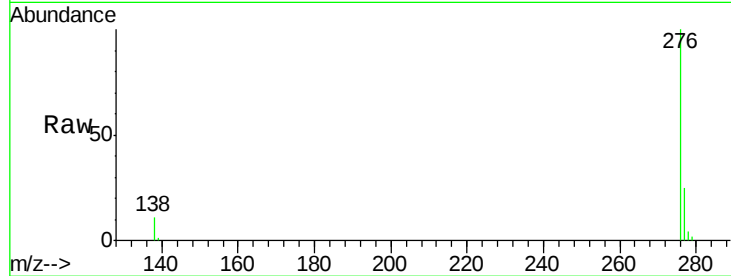
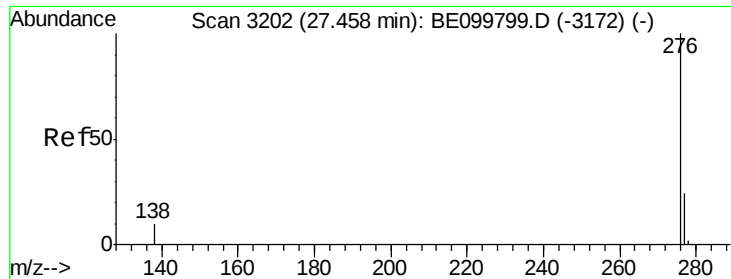
Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Tgt Ion:	278	Resp:	22396
Ion Ratio	Lower	Upper	
278	100		
139	9.9	7.9	11.9
279	23.1	18.5	27.7

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: 0.362 ng
 RT: 27.46 min Scan# 3202
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

Tot Ion:	276	Resp:	23620
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.6	29.4
138	11.2	9.0	13.4

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:50 PM

