

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100057.D
 Acq On : 15 Jun 2019 13:18
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:52:06 PM

Quant Time: Jun 17 01:26:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	889	0.40	ng	-0.02
7) Naphthalene-d8	10.59	136	3193	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2450	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	7165	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8414	0.40	ng	0.00
34) Perylene-d12	23.93	264	9321	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	938	0.39	ng	0.00
5) Phenol-d6	6.96	99	1280	0.41	ng	0.00
8) Nitrobenzene-d5	8.97	82	1224	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2356	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	483	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3843	0.41	ng	-0.01
25) Fluoranthene-d10	19.25	212	36082	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	6736	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	465	0.353	ng	Qvalue # 96
3) n-Nitrosodimethylamine	3.63	42	269m	0.355	ng	
6) bis(2-Chloroethyl)ether	7.22	93	930	0.368	ng	86
9) Naphthalene	10.64	128	14449	0.419	ng	99
10) Hexachlorobutadiene	10.91	225	1206	0.459	ng	98
12) 2-Methylnaphthalene	12.28	142	2346	0.419	ng	97
16) Acenaphthylene	14.18	152	4830	0.396	ng	98
17) Acenaphthene	14.53	154	2615	0.394	ng	98
18) Fluorene	15.50	166	3856	0.387	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1693	0.417	ng	# 85
21) Hexachlorobenzene	16.51	284	1758	0.424	ng	98
22) Pentachlorophenol	16.91	266	276	0.438	ng	94
23) Phenanthrene	17.26	178	6741	0.388	ng	99
24) Anthracene	17.35	178	5835	0.366	ng	99
26) Fluoranthene	19.28	202	10502	0.355	ng	99
28) Pyrene	19.64	202	10597	0.479	ng	99
30) Benzo(a)anthracene	21.38	228	11062	0.440	ng	98
31) Chrysene	21.44	228	11696	0.450	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14197	0.393	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	11392	0.369	ng	100
35) Benzo(b)fluoranthene	23.15	252	10544m	0.404	ng	
36) Benzo(k)fluoranthene	23.20	252	11786	0.431	ng	98
37) Benzo(a)pyrene	23.82	252	10707	0.416	ng	# 95
38) Dibenzo(a,h)anthracene	26.65	278	8464	0.327	ng	# 95
39) Benzo(g,h,i)perylene	27.44	276	9653	0.361	ng	97

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

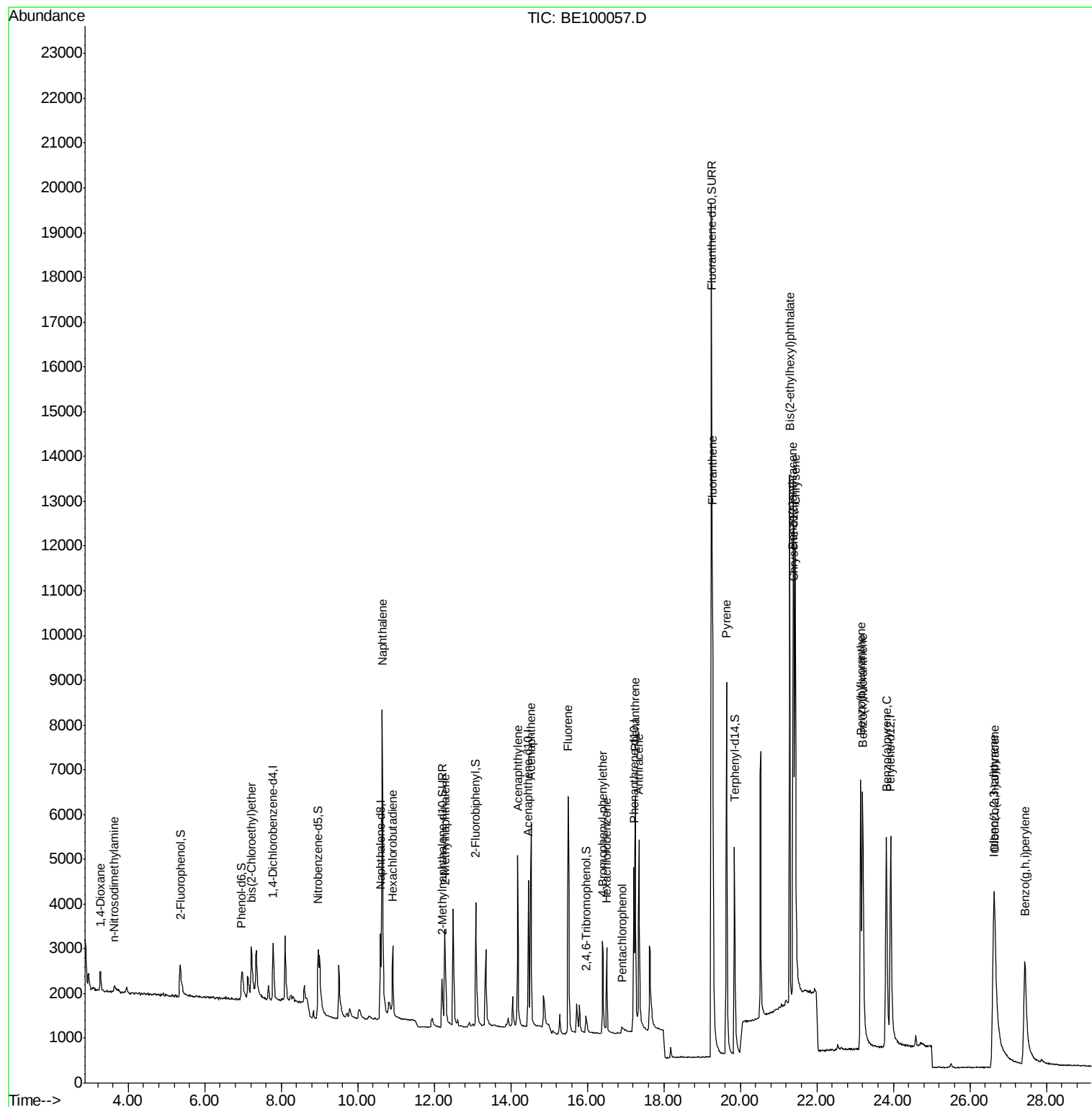
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100057.D
Acq On : 15 Jun 2019 13:18
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM

Quant Time: Jun 17 01:26:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

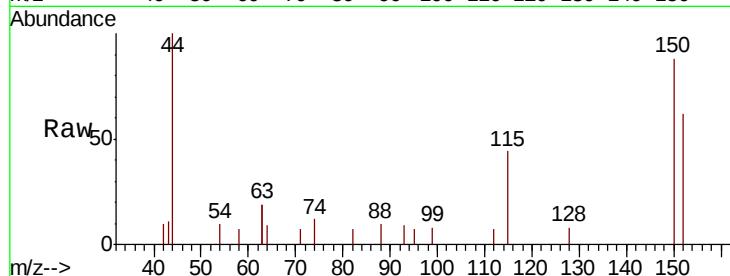
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.02 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	111.0	166.6
115	70.8	50.7	76.1

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM

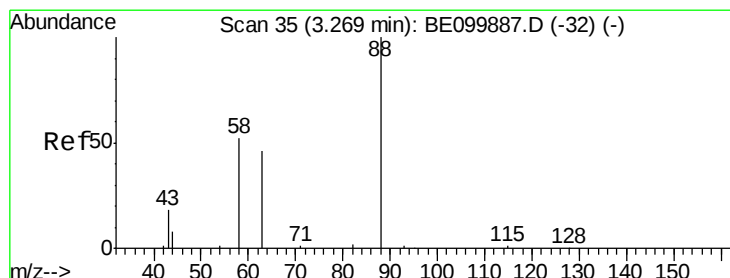
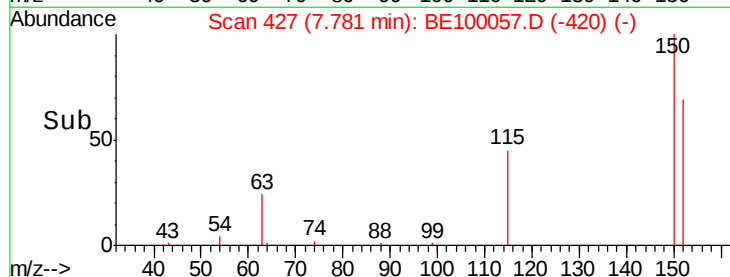
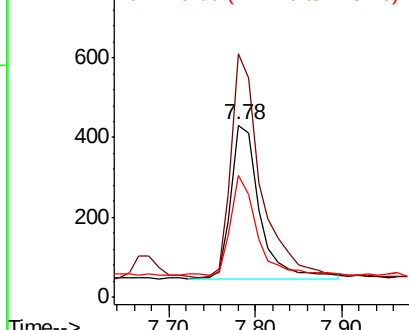


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

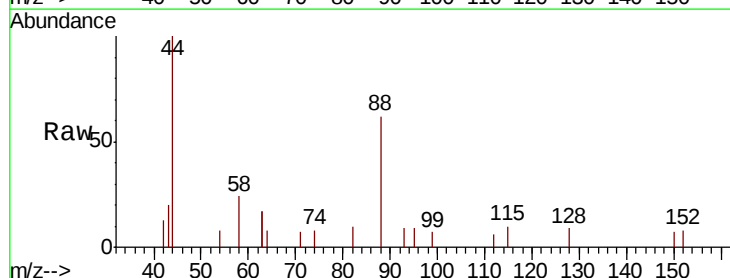
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.353 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	48.8	73.2
43	29.2	19.0	28.6

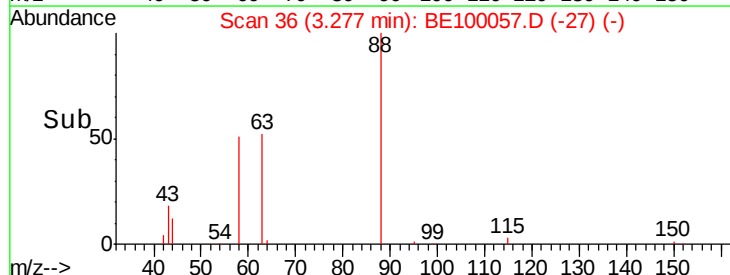
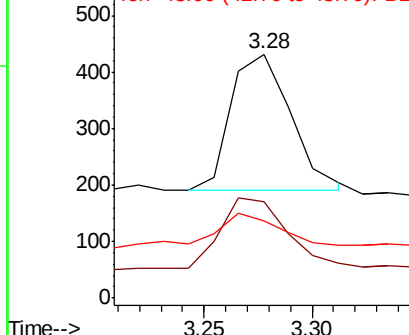


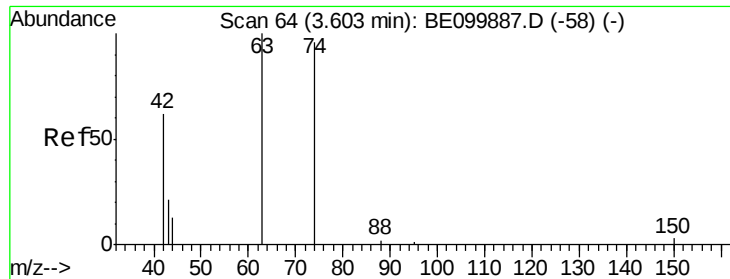
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

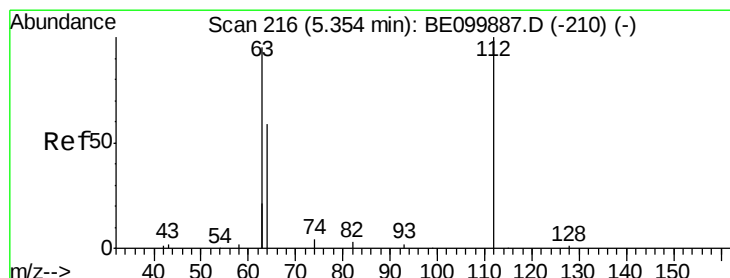
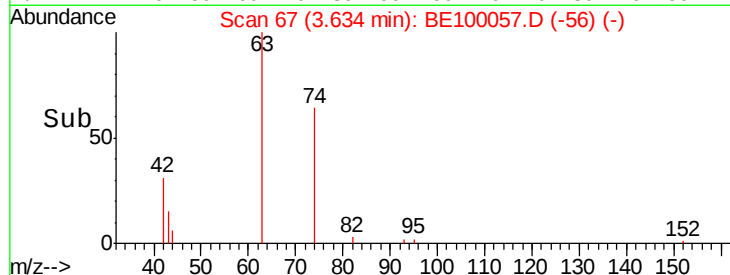
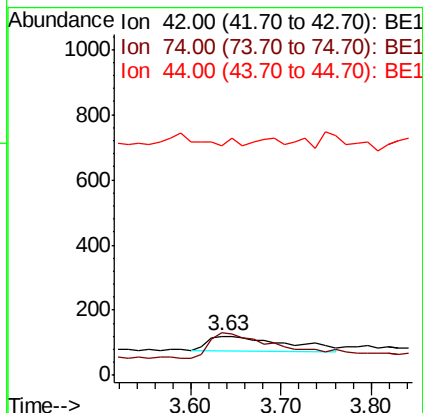
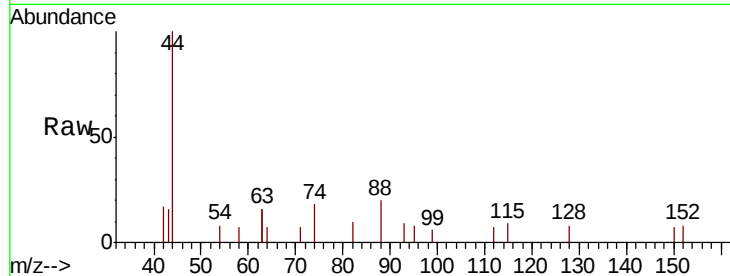
n-Nitrosodimethylamine
 Concen: 0.355 ng/ml
 RT: 3.63 min Scan# 67
 Delta R.T. 0.03 min
 Lab File: BE100057.D
 Acq: 15 Jun 2019 13:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

Manual Integrations
 APPROVED

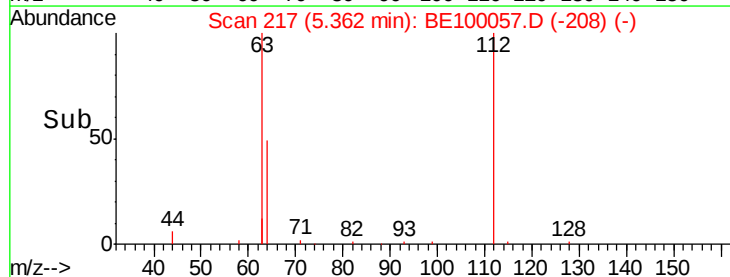
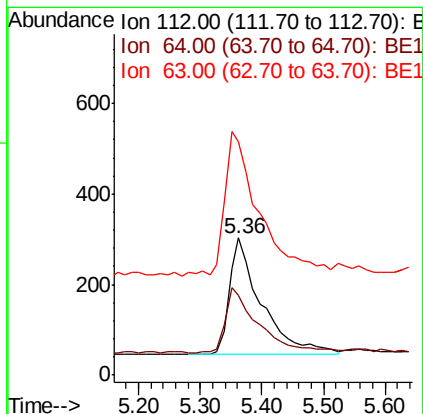
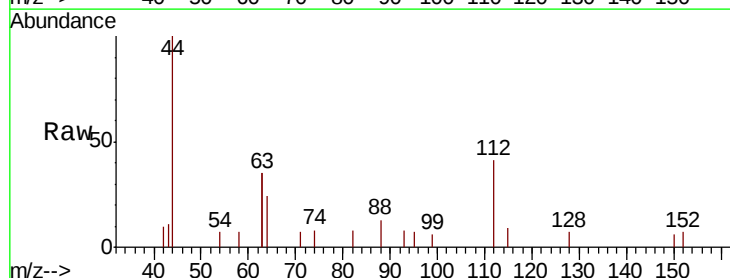
mohammad
 6/17/2019 4:52:06 PM



#4

2-Fluorophenol
 Concen: 0.391 ng/ml
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE100057.D
 Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.1	66.1
63	132.2	87.8	131.6#





#5

Phenol-d6

Concen: 0.414 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Instrument :

BNA_E

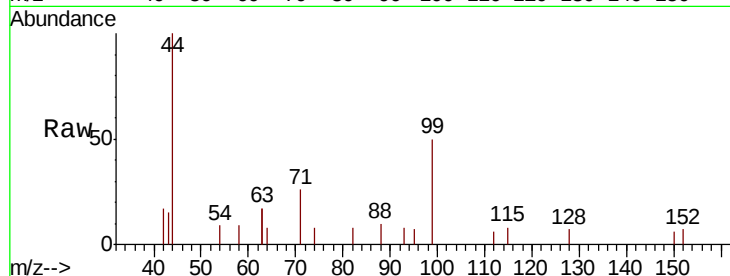
ClientSampleId :

SSTDCCC0.4EC

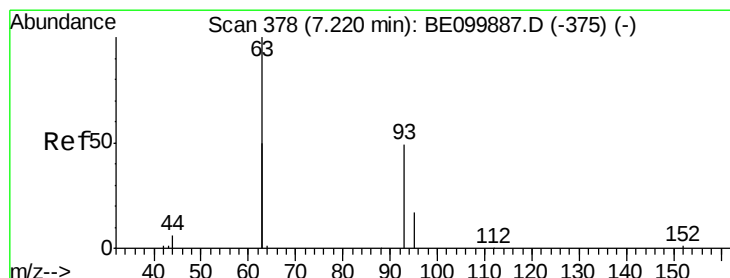
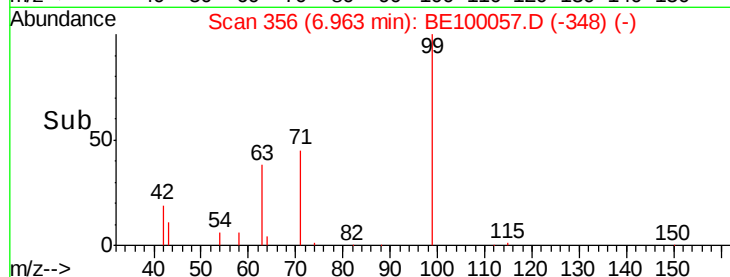
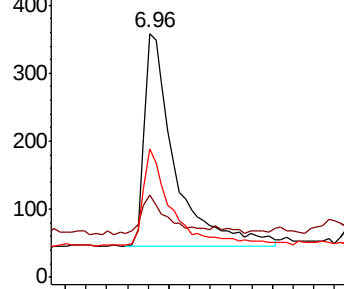
Tot Ion:	99	Resp:	1280
Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.9	23.9
71	42.0	34.6	52.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.368 ng

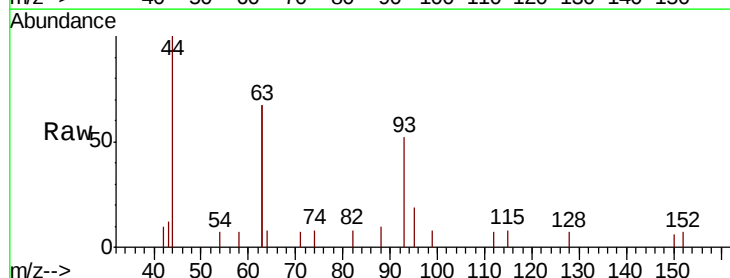
RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

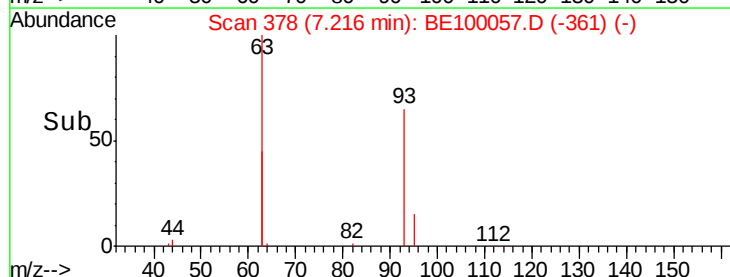
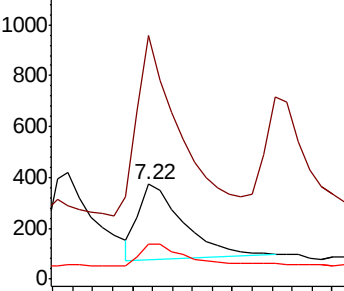
Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Tgt Ion:	93	Resp:	930
Ion	Ratio	Lower	Upper
93	100		
63	227.2	202.8	304.2
95	32.6	23.7	35.5



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Instrument :

BNA_E

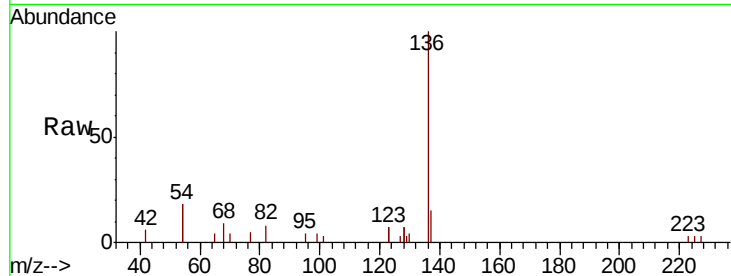
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.5	12.3	18.5
54	36.0	28.2	42.4
68	9.1	7.8	11.8

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



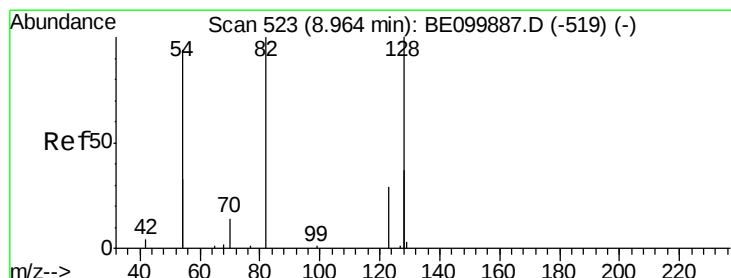
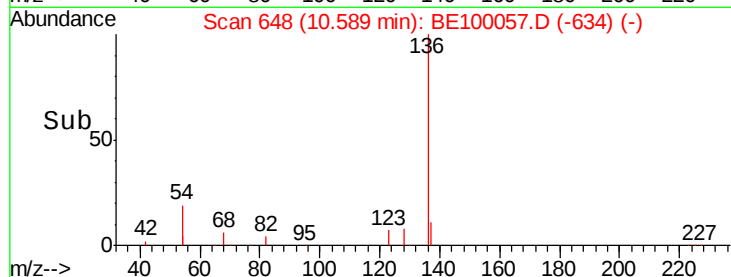
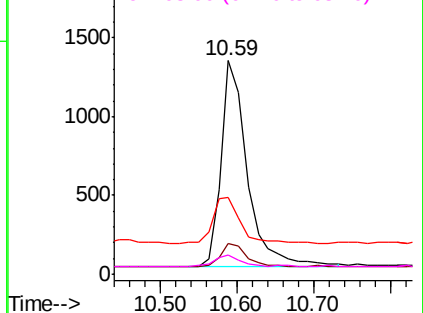
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.405 ng

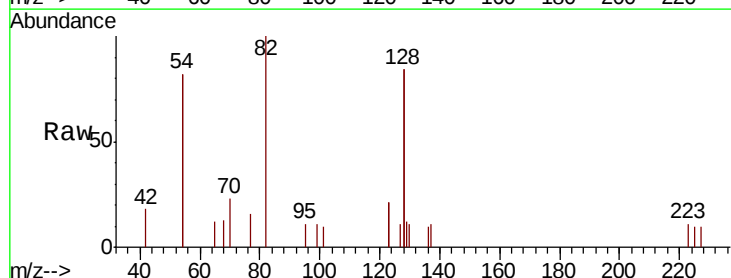
RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	167.2	137.3	205.9
54	164.0	129.7	194.5

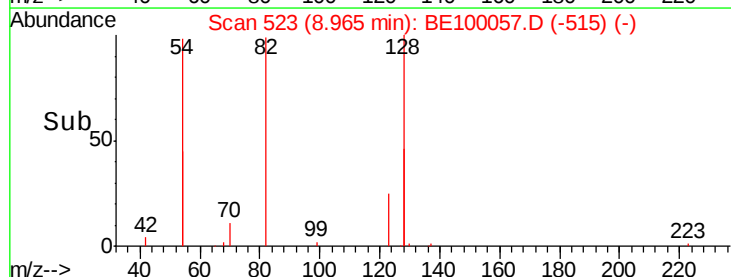
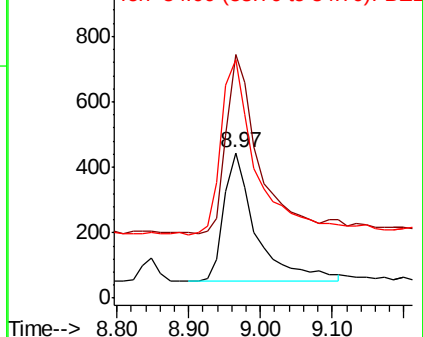


Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.419 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Instrument :

BNA_E

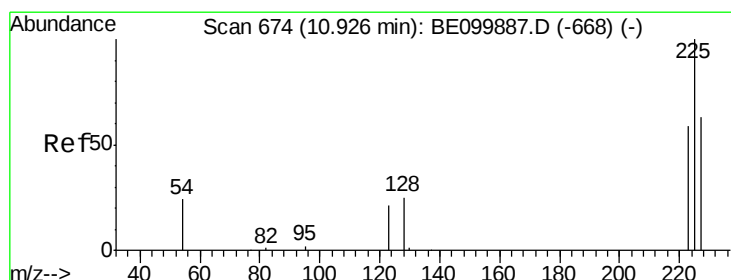
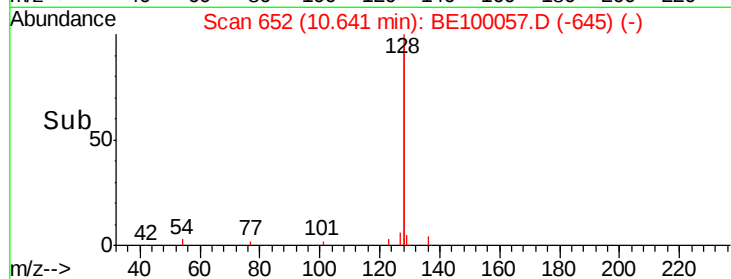
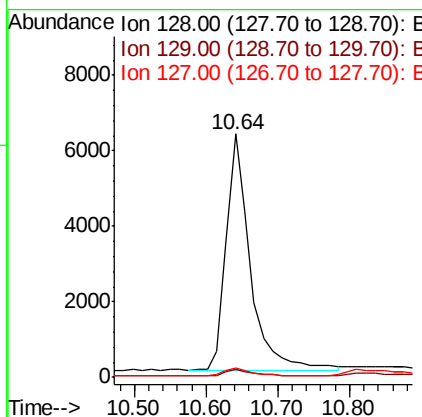
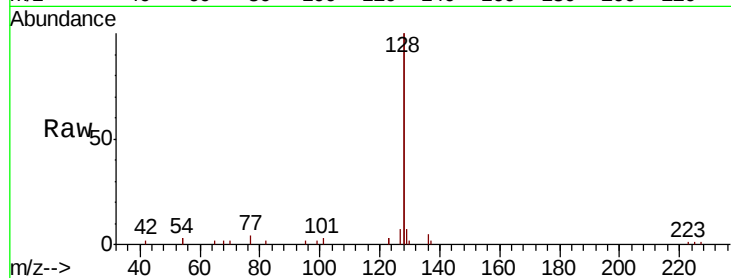
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	128	Resp:	14449
Ion Ratio	Lower	Upper	
128	100		
129	3.5	3.0	4.6
127	3.7	3.4	5.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



#10

Hexachlorobutadiene

Concen: 0.459 ng

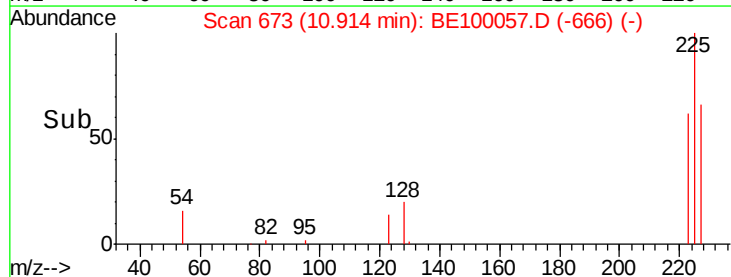
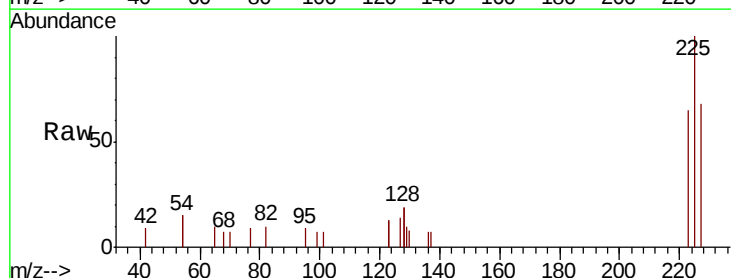
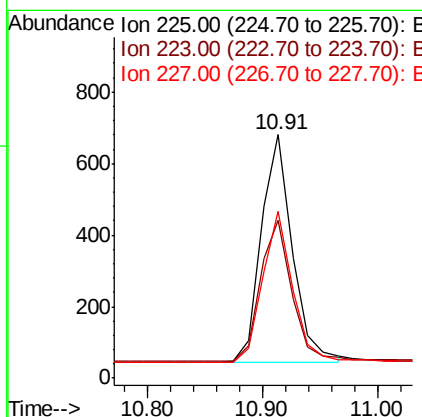
RT: 10.91 min Scan# 673

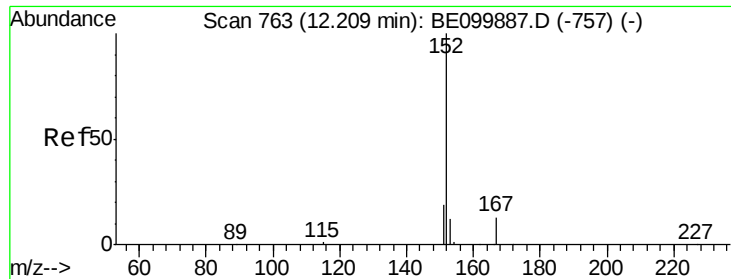
Delta R.T. -0.01 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Tgt Ion:	225	Resp:	1206
Ion Ratio	Lower	Upper	
225	100		
223	62.4	51.6	77.4
227	64.3	50.6	76.0





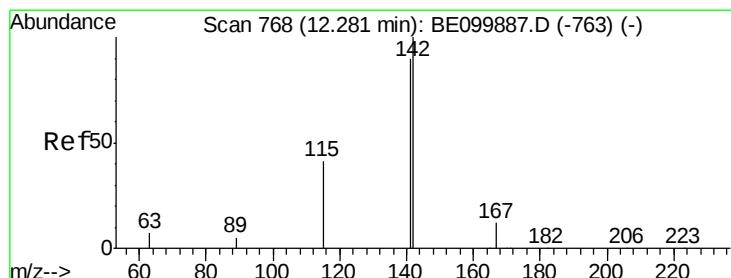
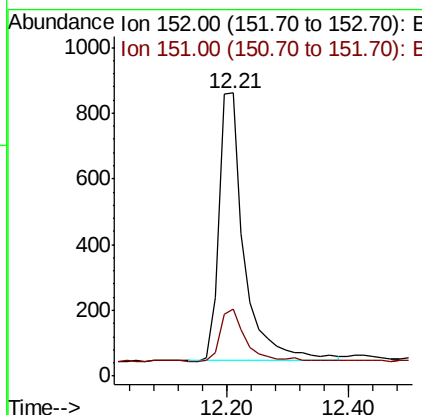
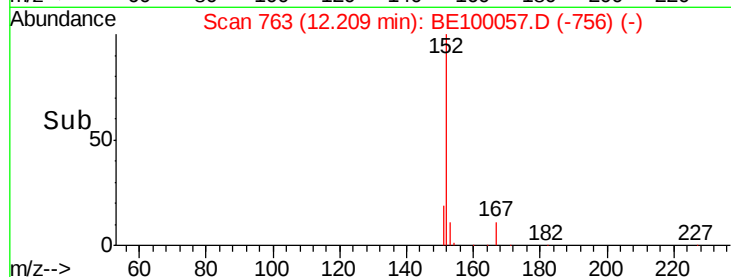
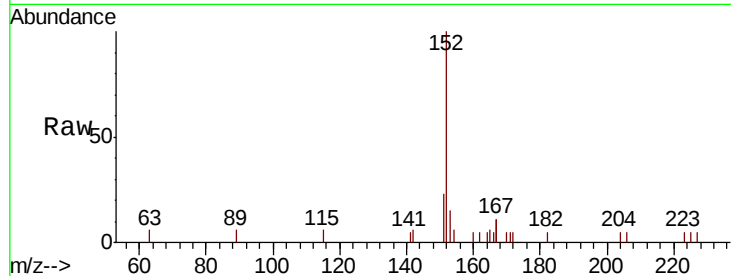
#11
 2-Methylnaphthalene-d10
 Concen: 0.423 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100057.D
 Acq: 15 Jun 2019 13:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.2	22.8

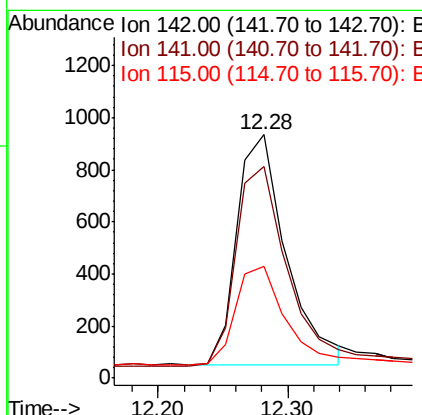
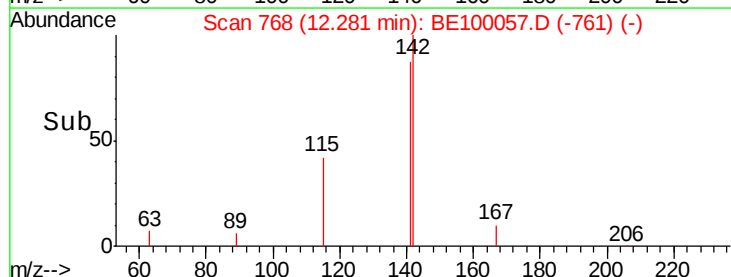
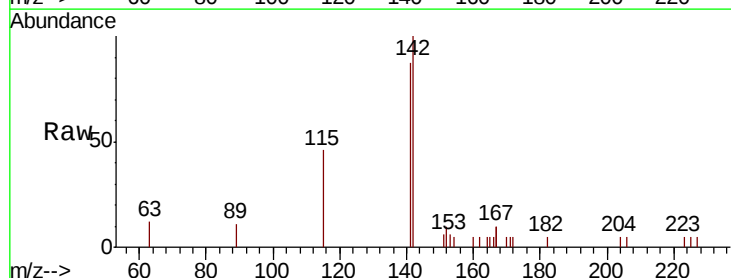
Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:52:06 PM



#12
 2-Methylnaphthalene
 Concen: 0.419 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE100057.D
 Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.3	108.5
115	45.7	36.4	54.6





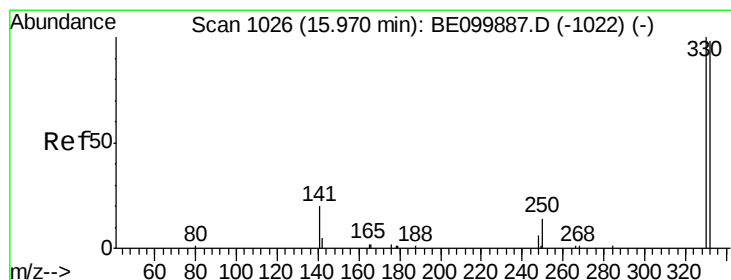
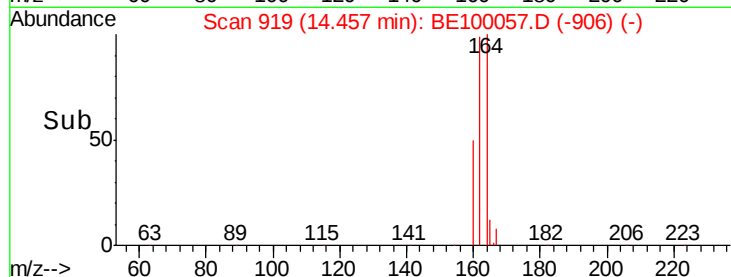
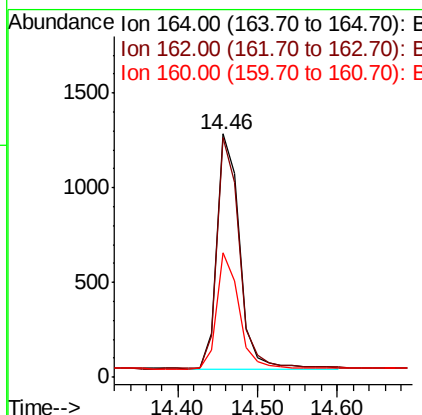
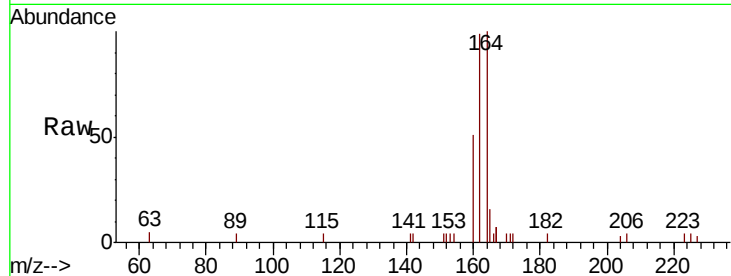
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	77.8	116.8
160	51.3	38.2	57.4

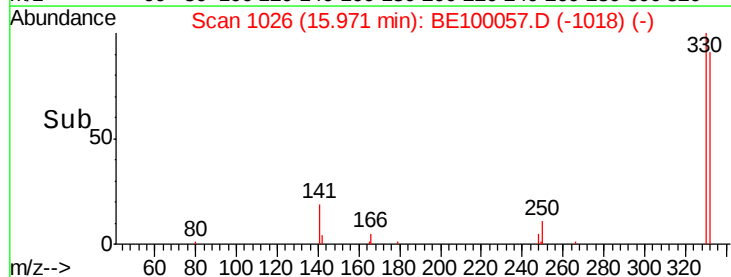
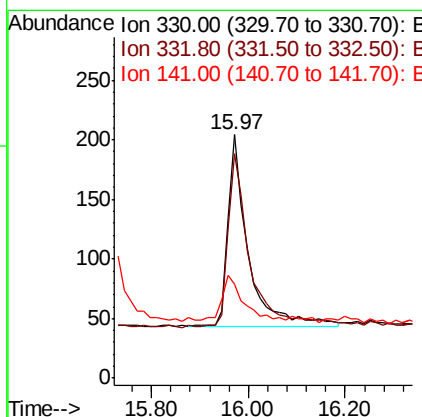
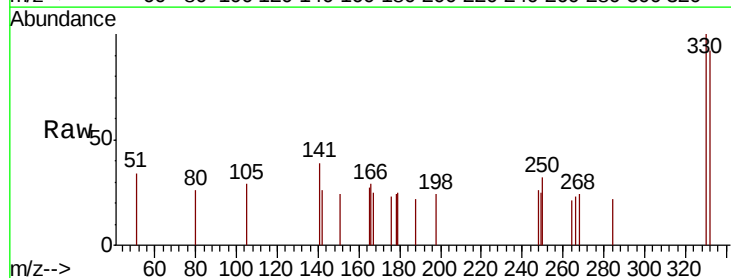
Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	23.4	21.0	31.6





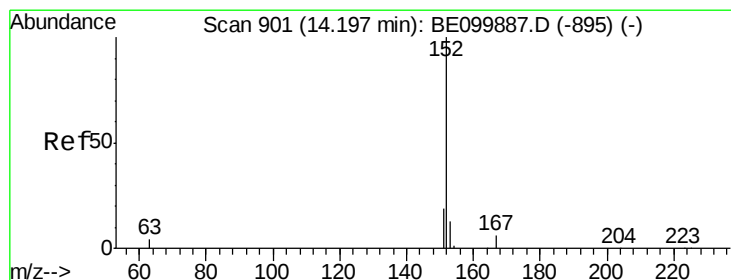
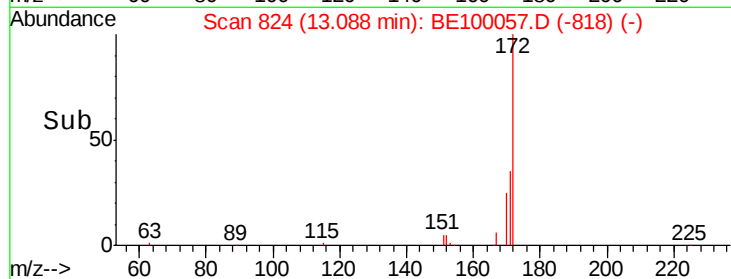
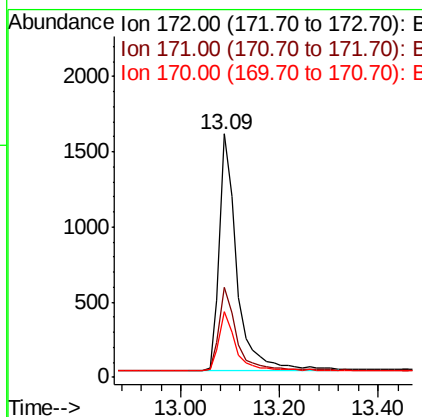
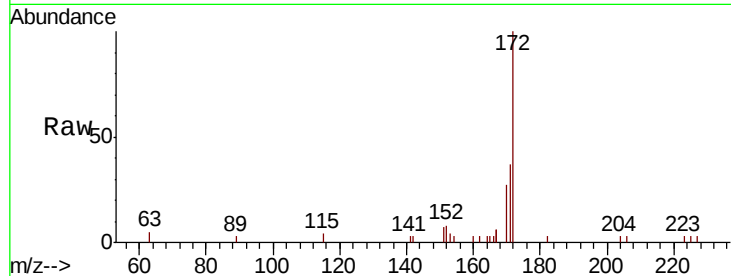
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.2	43.8
170	27.1	21.2	31.8

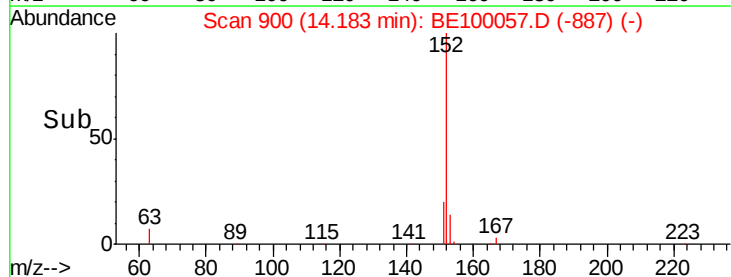
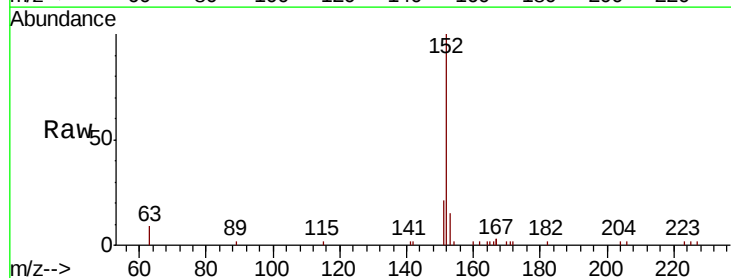
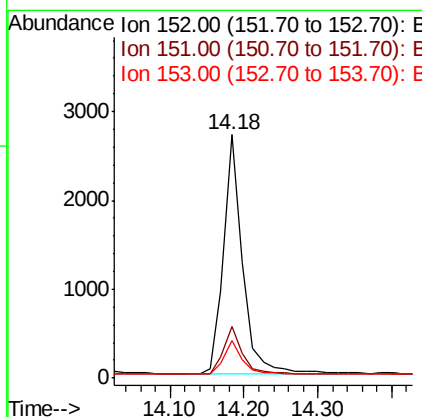
Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.4	10.2	15.2





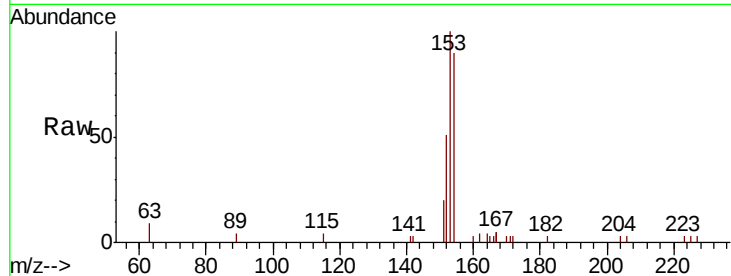
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	93.1	139.7
152	59.5	47.0	70.4

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM

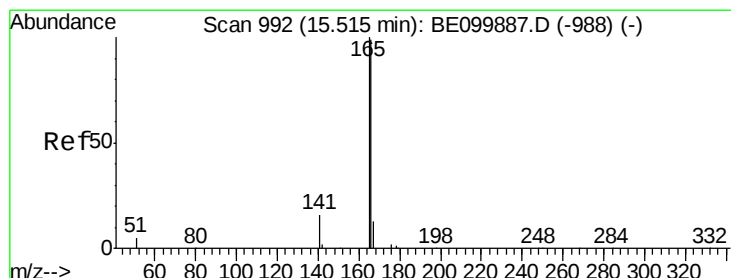
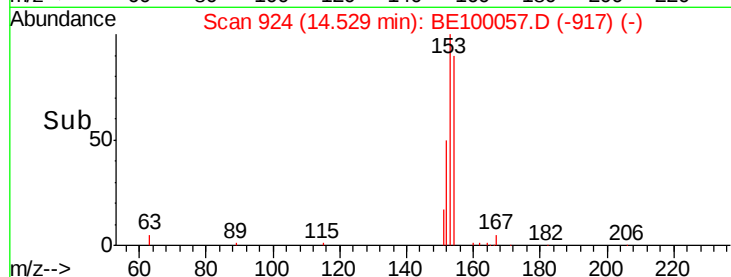
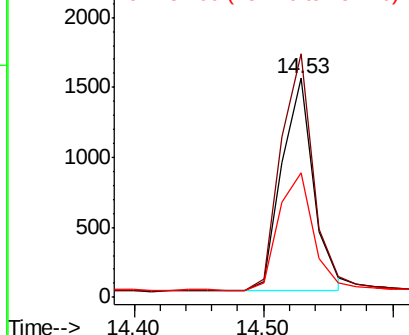


Abundance

Ion 154.00 (153.70 to 154.70): E

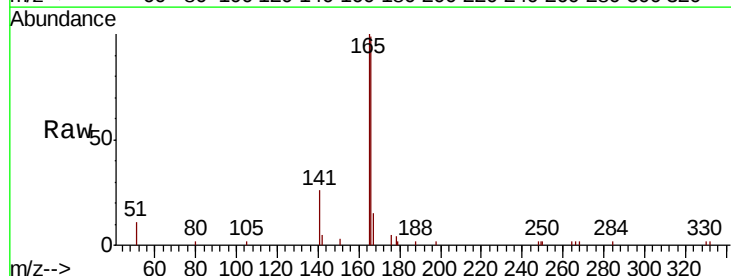
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.387 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	81.8	122.8
167	13.5	11.2	16.8

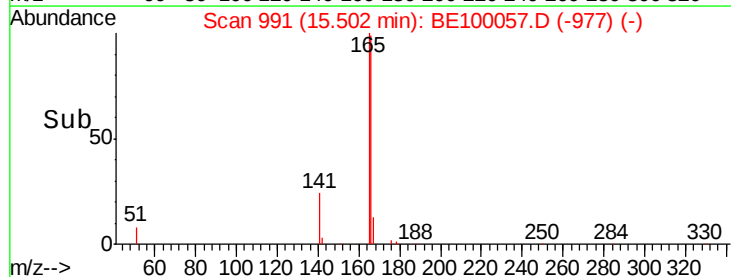
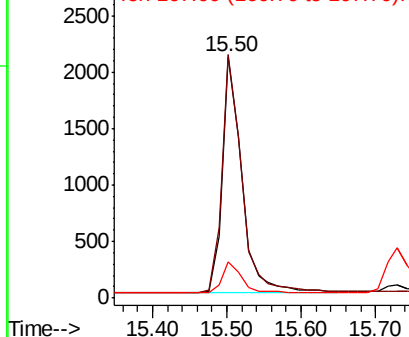


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





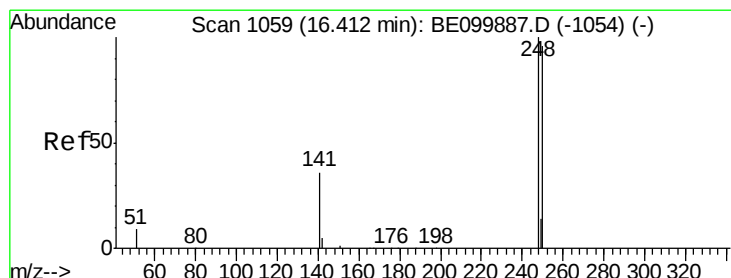
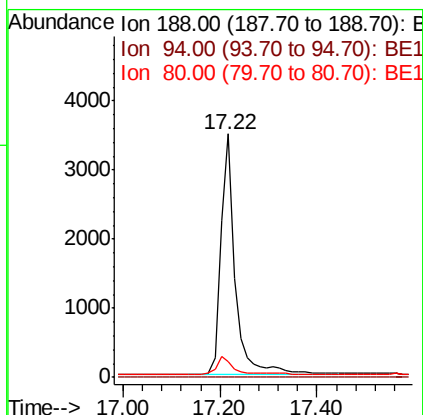
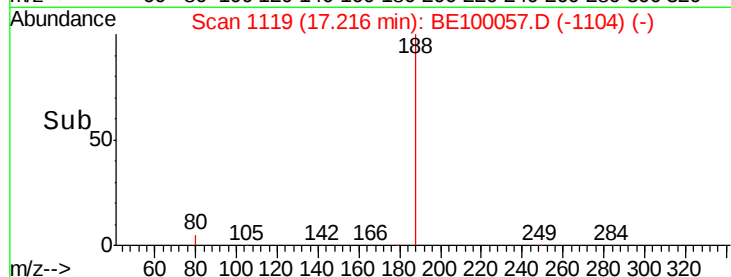
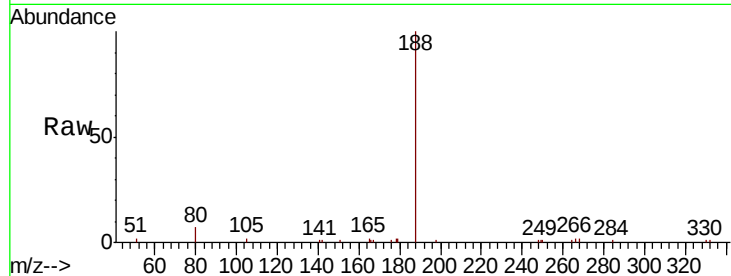
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:	188	Resp:	7165
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.6	6.4	9.6

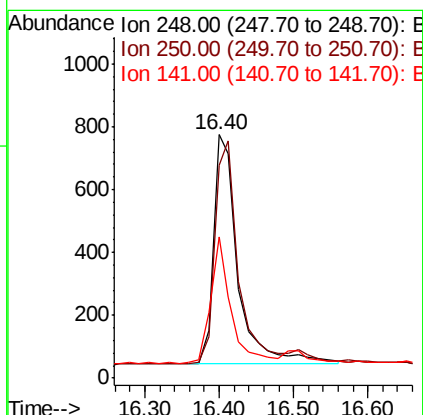
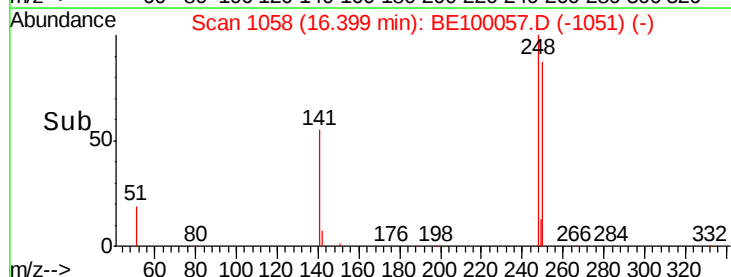
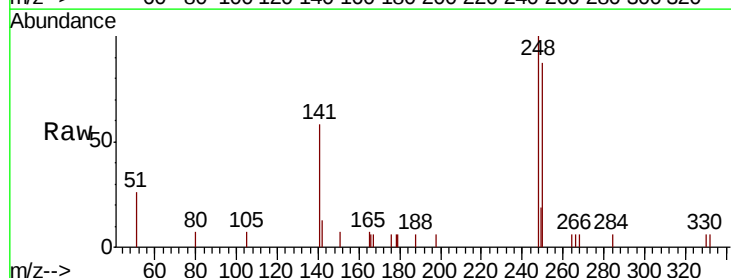
Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



#20
4-Bromophenyl-phenylether
Concen: 0.417 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion:	248	Resp:	1693
Ion Ratio	Lower	Upper	
248	100		
250	87.4	77.5	116.3
141	57.9	31.8	47.8#





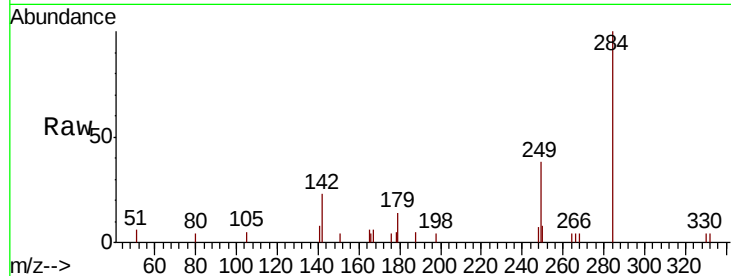
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

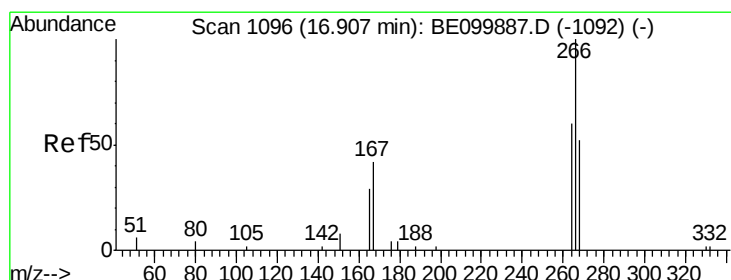
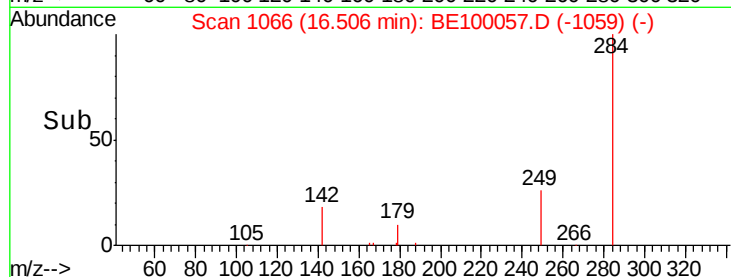
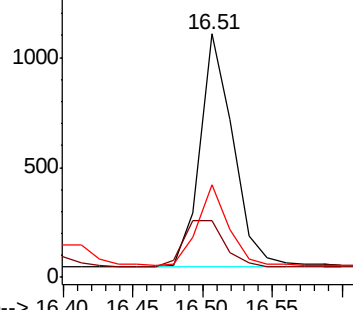
Tot Ion	Ratio	Lower	Upper
284	100		
142	24.6	18.2	27.4
249	31.5	24.6	37.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM

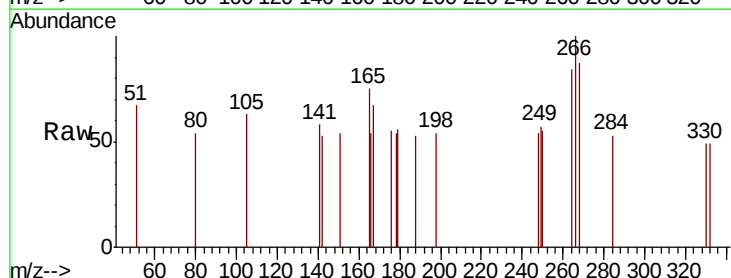


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

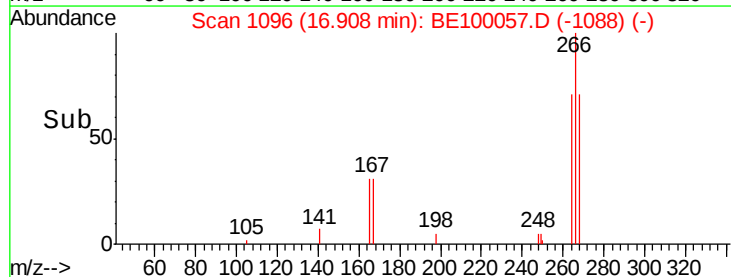
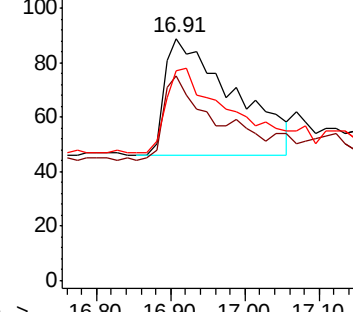


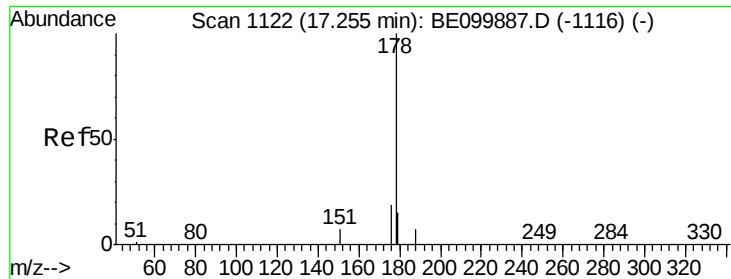
#22
Pentachlorophenol
Concen: 0.438 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	84.3	62.2	93.2
268	86.5	65.5	98.3



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Instrument :

BNA_E

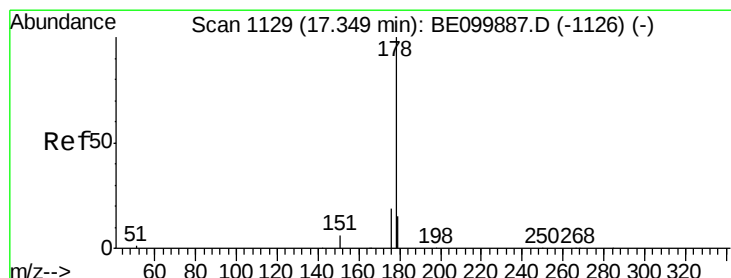
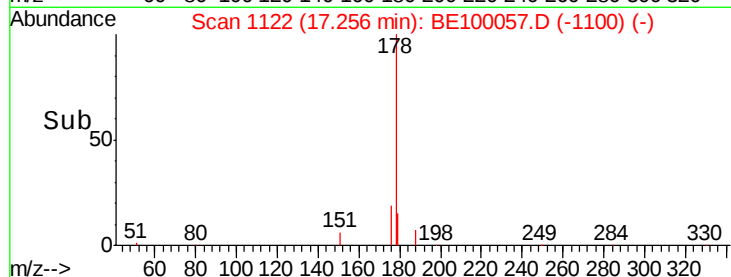
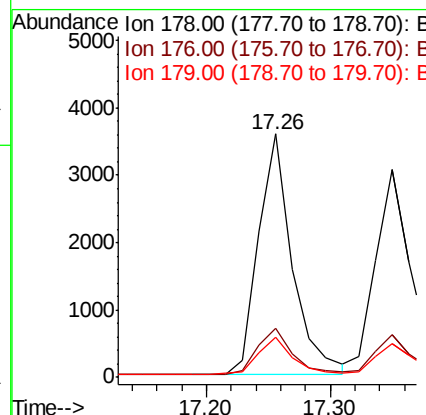
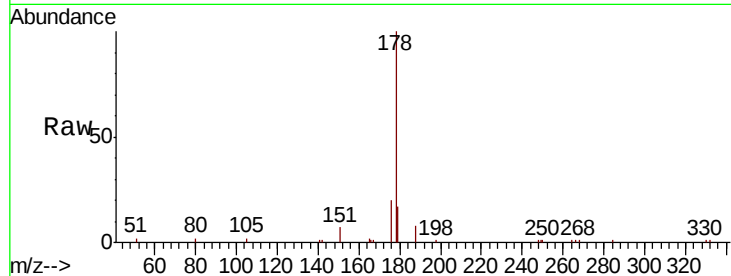
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178	Resp:	6741
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.8 23.8
179	15.4	12.4 18.6

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



#24

Anthracene

Concen: 0.366 ng

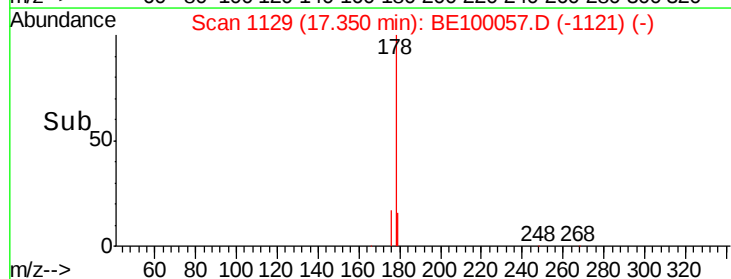
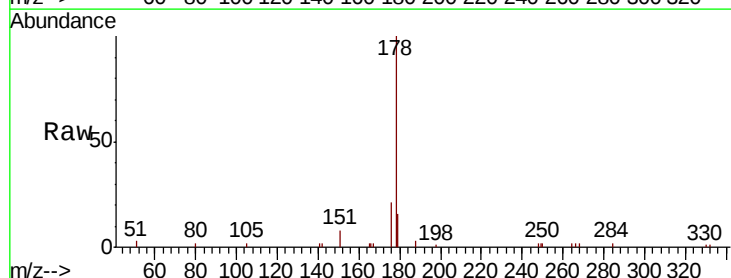
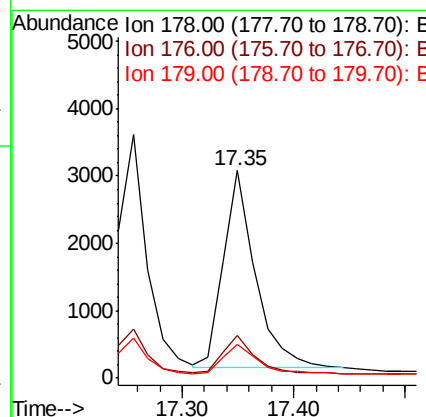
RT: 17.35 min Scan# 1129

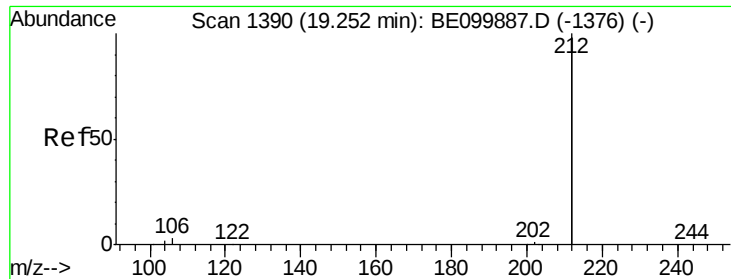
Delta R.T. 0.00 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Tgt Ion:178	Resp:	5835
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.6 22.0
179	15.6	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.346 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Instrument :

BNA_E

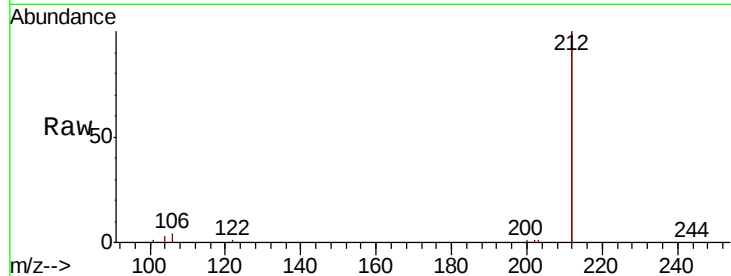
ClientSampleId :

SSTDCCC0.4EC

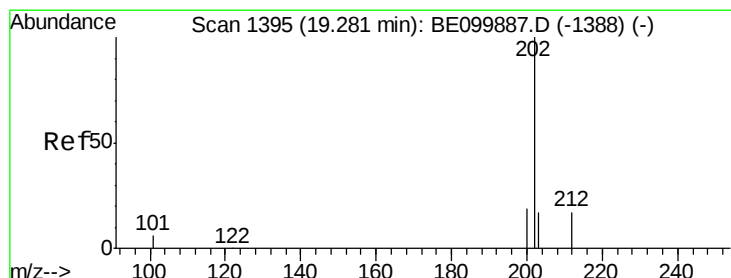
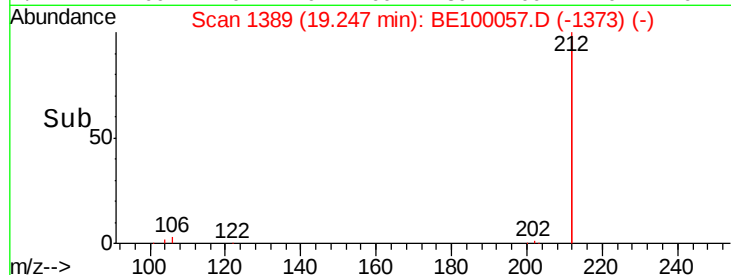
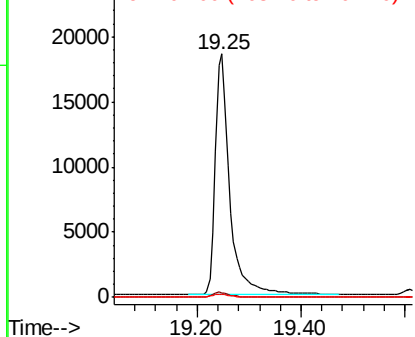
Tot Ion:	212	Resp:	36082
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.2	0.9	1.3

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 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: 0.355 ng

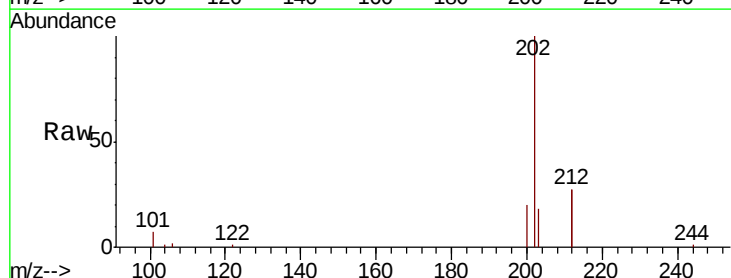
RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

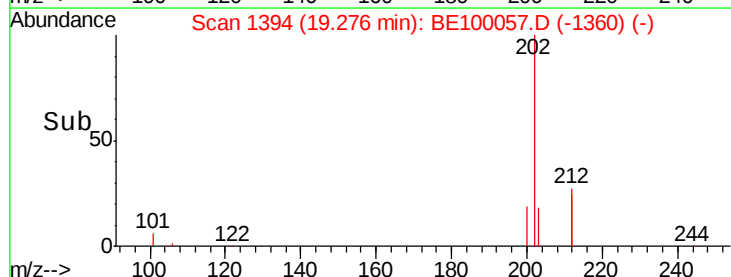
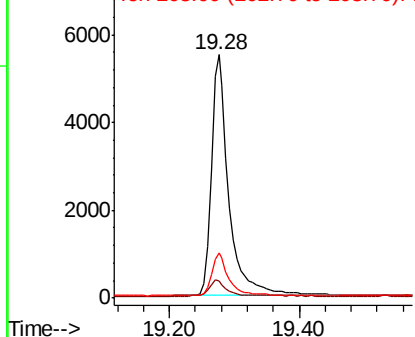
Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Tgt Ion:	202	Resp:	10502
Ion Ratio	Lower	Upper	
202	100		
101	6.4	5.4	8.0
203	16.8	13.2	19.8



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





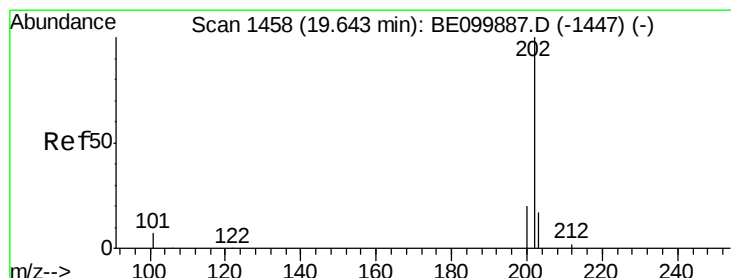
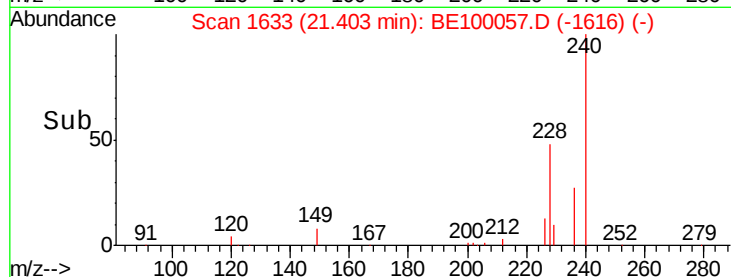
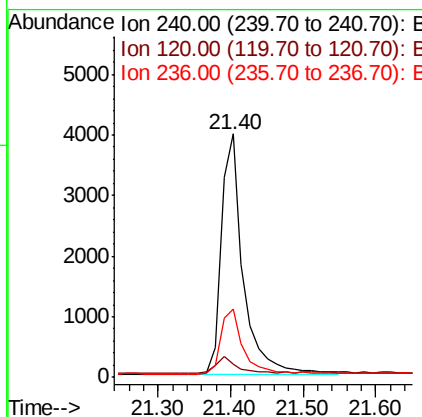
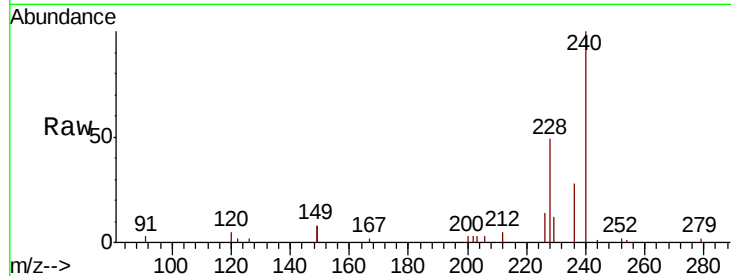
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	3.8	5.6
236	27.8	22.0	33.0

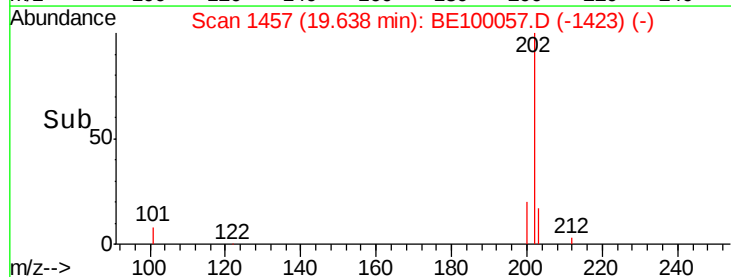
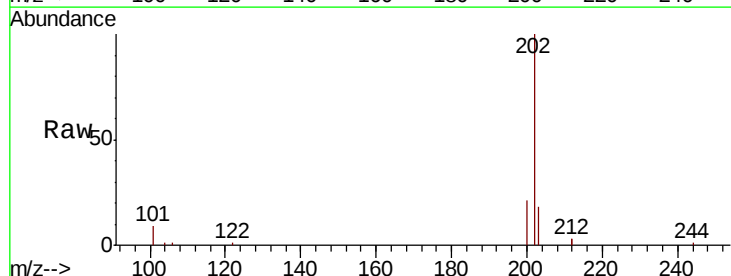
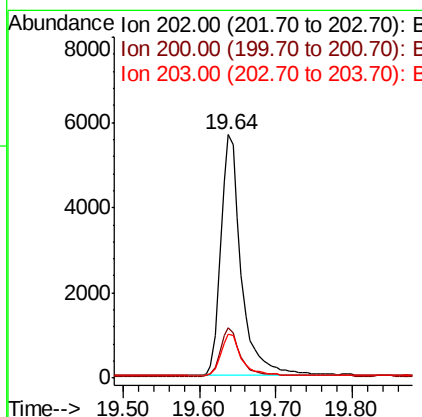
Manual Integrations
APPROVED

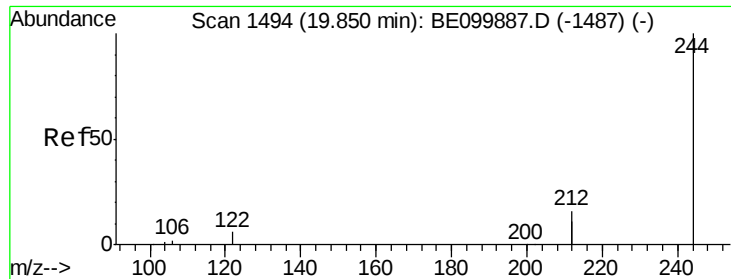
mohammad
6/17/2019 4:52:06 PM



#28
Pyrene
Concen: 0.479 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.5	23.3
203	17.7	14.0	21.0





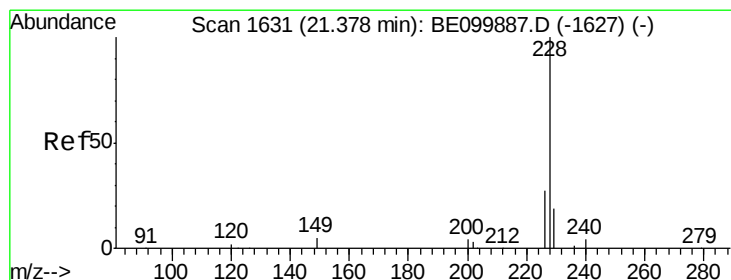
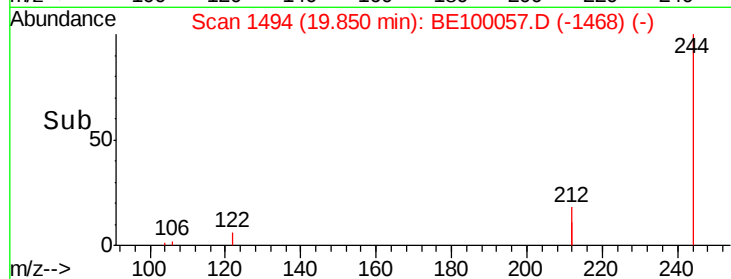
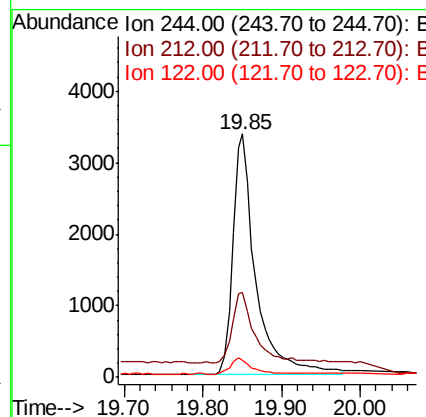
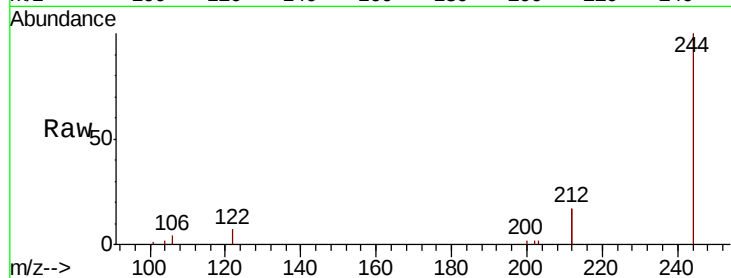
#29
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BE100057.D
 Acq: 15 Jun 2019 13:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	34.9	25.7	38.5
122	7.2	5.5	8.3

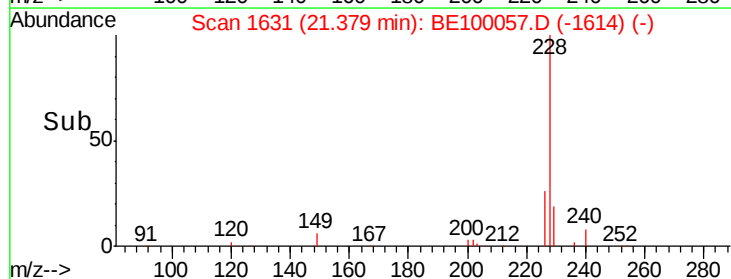
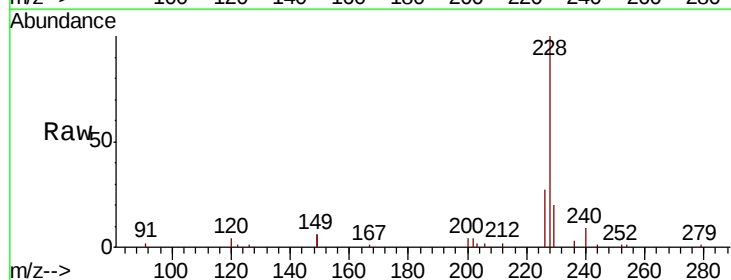
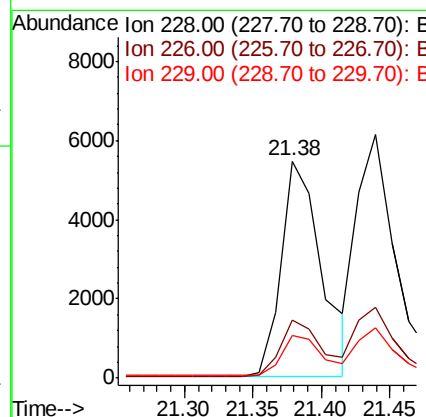
Manual Integrations
 APPROVED

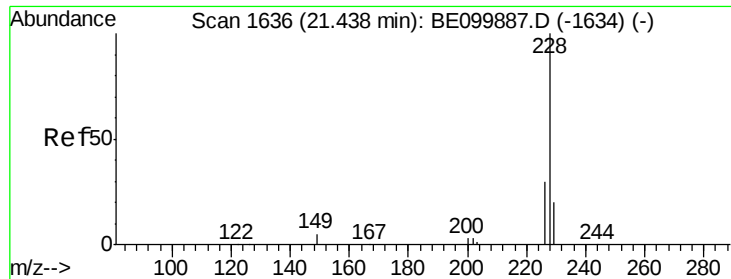
mohammad
 6/17/2019 4:52:06 PM



#30
 Benzo(a)anthracene
 Concen: 0.440 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100057.D
 Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.5	33.7
229	19.6	15.9	23.9





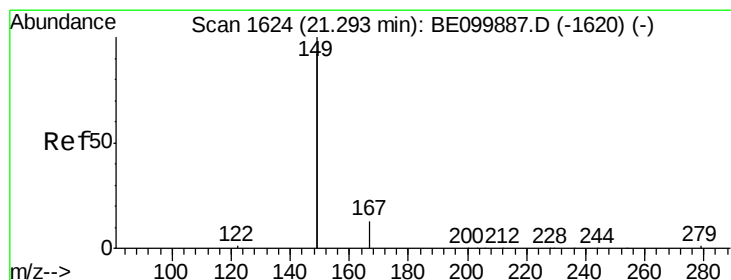
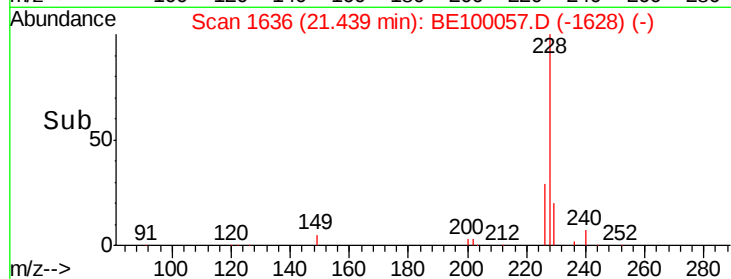
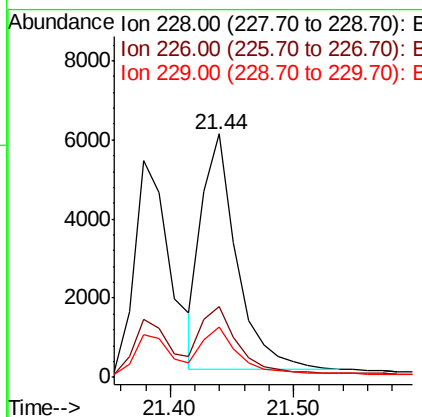
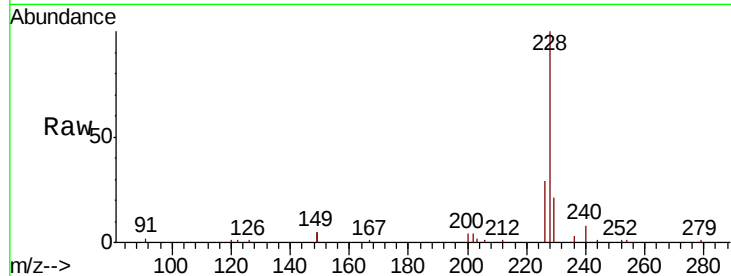
#31
Chrysene
Concen: 0.450 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	20.7	16.1	24.1

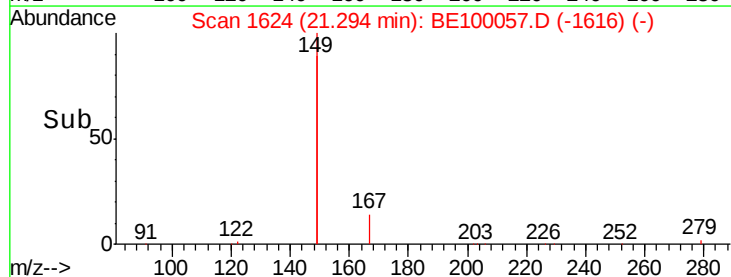
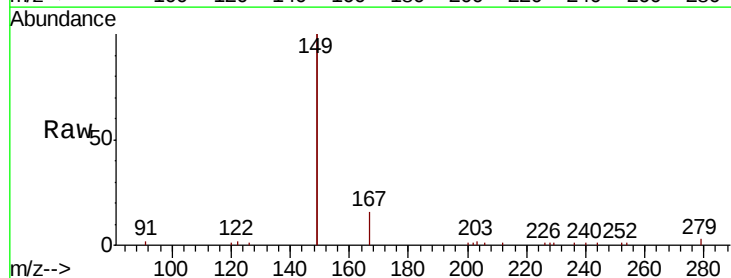
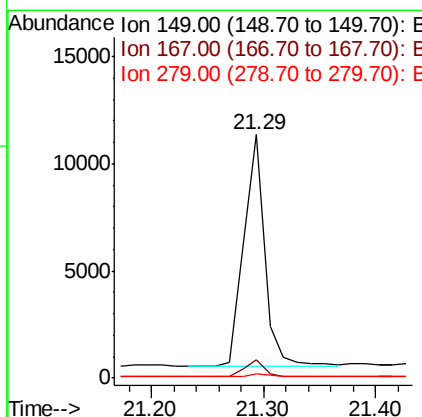
Manual Integrations
APPROVED

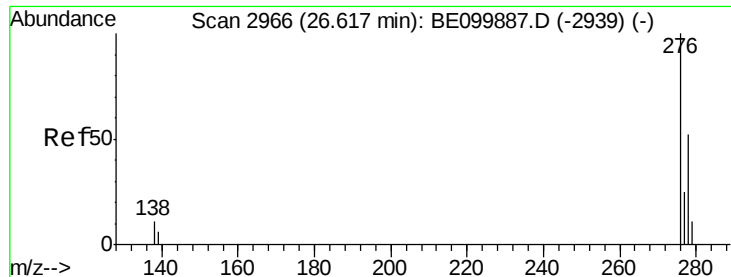
mohammad
6/17/2019 4:52:06 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.6	1.2	1.8





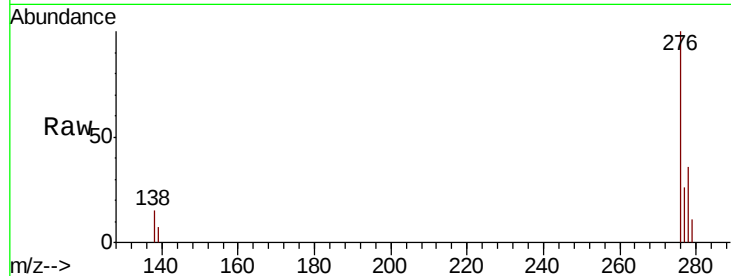
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 26.62 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.1	15.1
277	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM

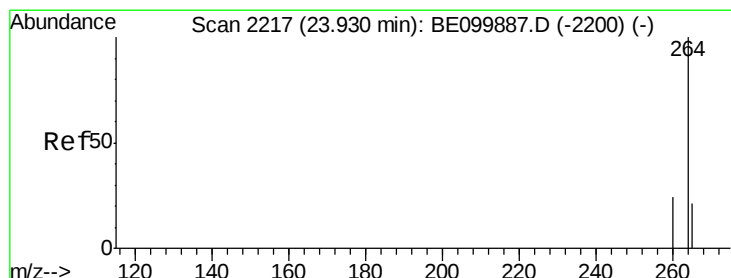
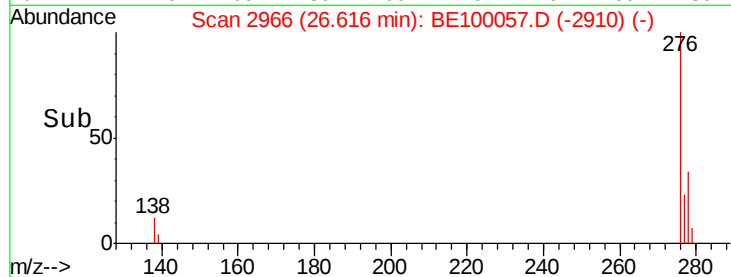
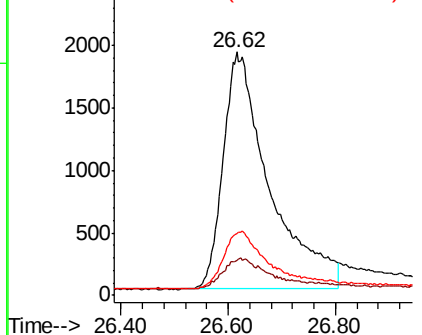


Abundance

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: 23.93 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

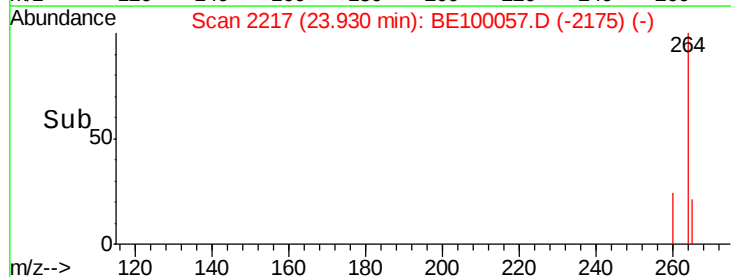
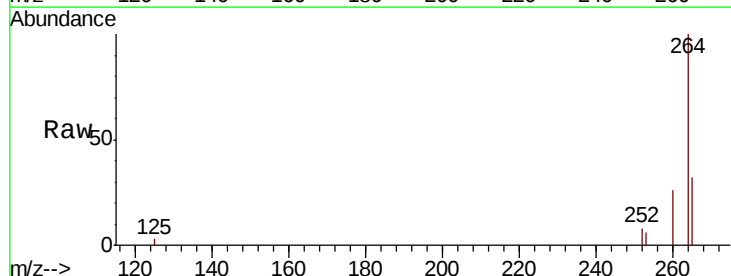
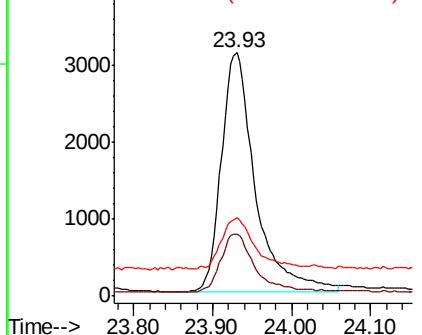
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	32.1	22.0	33.0

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





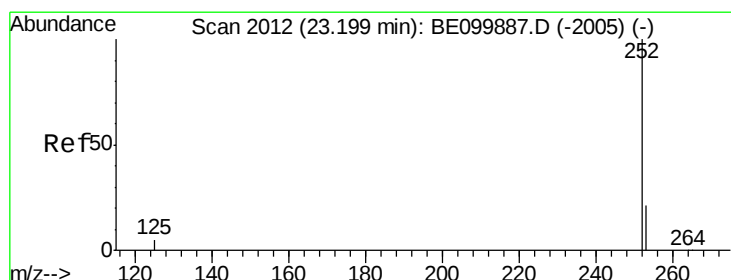
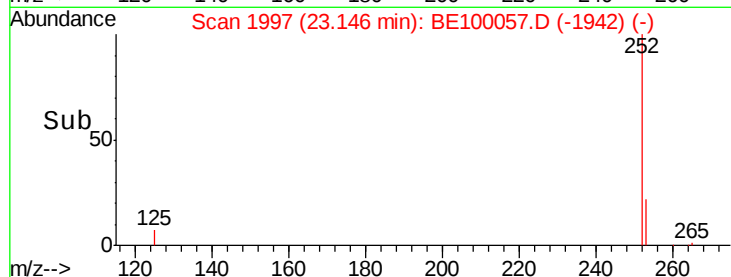
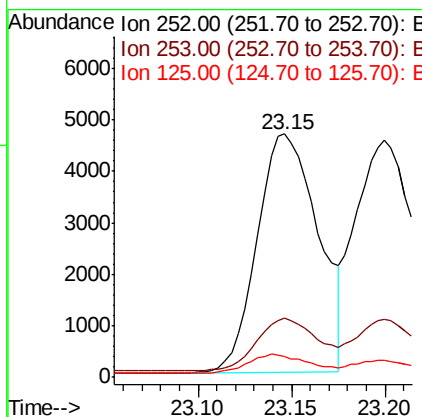
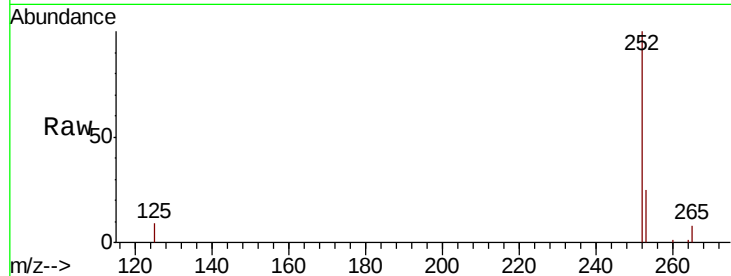
#35
Benzo(b)fluoranthene
Concen: 0.404 ng m
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	8.7	5.7	8.5

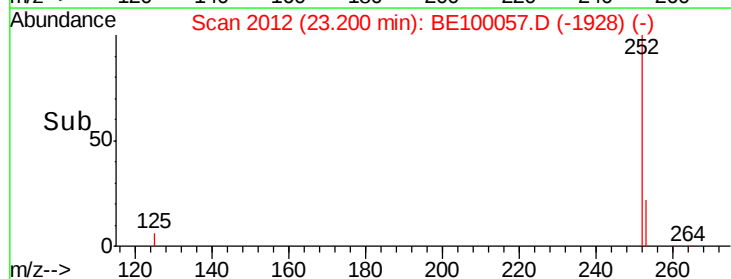
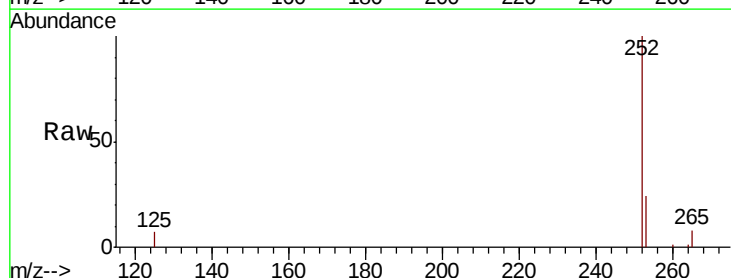
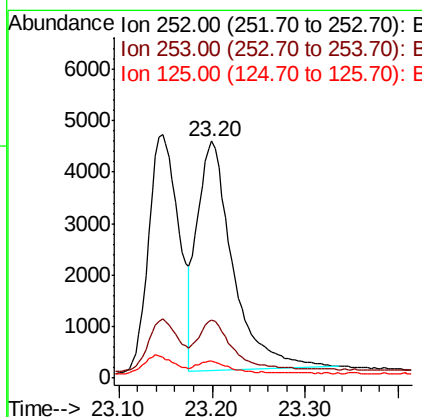
Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM



#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.20 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	28.0
125	7.3	5.4	8.0





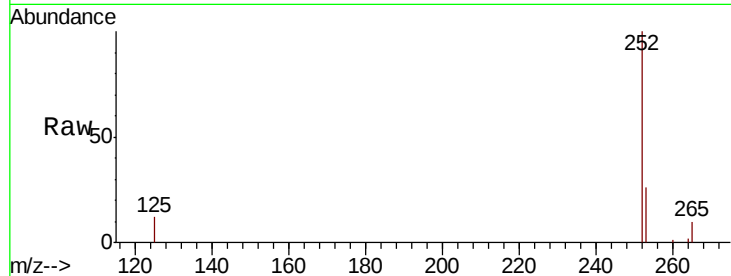
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.82 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.6	29.4
125	11.6	6.6	10.0

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 PM

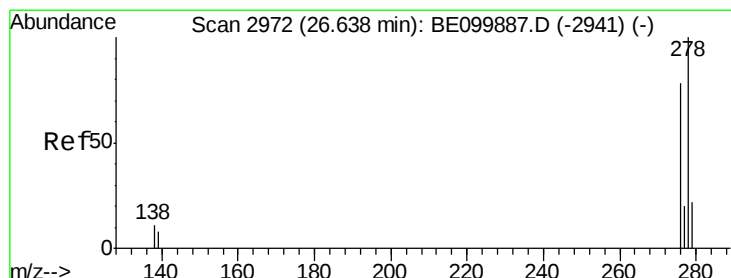
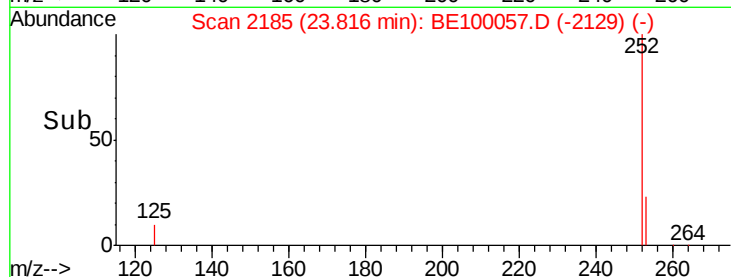
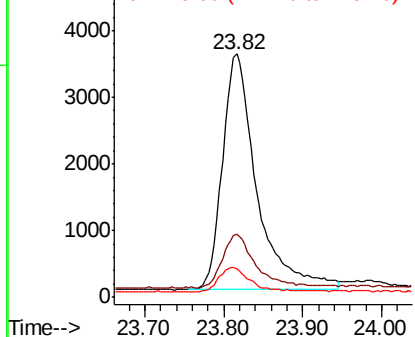


Abundance

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: 0.327 ng
RT: 26.65 min Scan# 2975
Delta R.T. 0.01 min
Lab File: BE100057.D
Acq: 15 Jun 2019 13:18

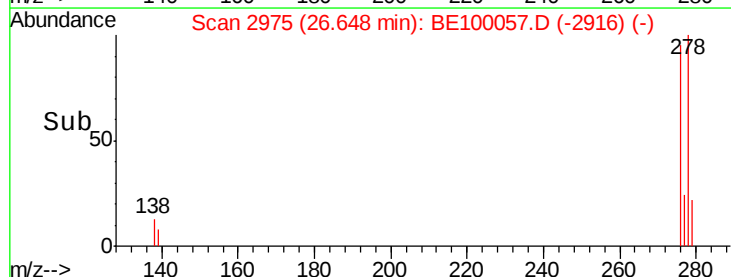
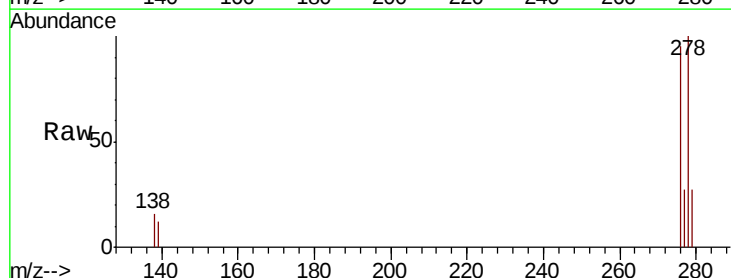
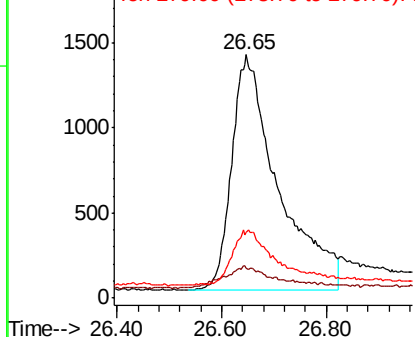
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	7.8	11.8
279	27.0	20.0	30.0

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.361 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE100057.D

Acq: 15 Jun 2019 13:18

Instrument :

BNA_E

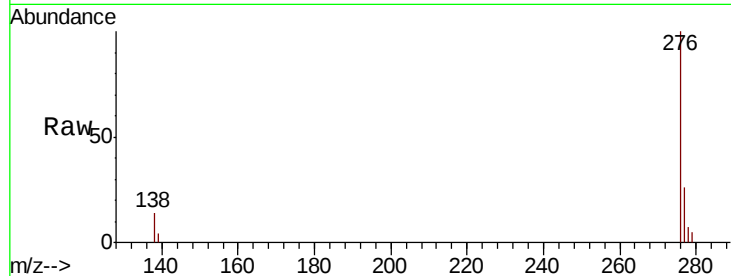
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	9653
Ion Ratio	Lower	Upper	
276	100		
277	25.9	19.5	29.3
138	13.5	9.5	14.3

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:06 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

