

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099263.D
 Acq On : 29 Mar 2019 20:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

Sohil
 4/1/2019 5:45:15 PM

Quant Time: Mar 29 23:32:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 26 07:02:06 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3957	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	17628	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	13109	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	33944	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	40949	0.40	ng	-0.01
34) Perylene-d12	23.89	264	41809	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	5244	0.44	ng	-0.01
5) Phenol-d6	6.99	99	8068	0.45	ng	0.00
8) Nitrobenzene-d5	8.98	82	7199	0.50	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14936	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2618	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	23025	0.43	ng	0.00
25) Fluoranthene-d10	19.23	212	192174	0.47	ng	-0.01
29) Terphenyl-d14	19.83	244	38565	0.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	1992	0.382	ng	98
3) n-Nitrosodimethylamine	3.66	42	1272	0.436	ng	# 93
6) bis(2-Chloroethyl)ether	7.25	93	5761	0.406	ng	98
9) Naphthalene	10.67	128	88903	0.428	ng	99
10) Hexachlorobutadiene	10.95	225	5221	0.471	ng	96
12) 2-Methylnaphthalene	12.30	142	15692	0.422	ng	99
16) Acenaphthylene	14.20	152	28464	0.426	ng	100
17) Acenaphthene	14.53	154	16457	0.412	ng	99
18) Fluorene	15.50	166	22966	0.409	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	9031	0.412	ng	# 81
21) Hexachlorobenzene	16.50	284	8829	0.417	ng	98
22) Pentachlorophenol	16.85	266	2555	0.993	ng	87
23) Phenanthrene	17.24	178	41160	0.413	ng	100
24) Anthracene	17.33	178	38215	0.424	ng	100
26) Fluoranthene	19.26	202	55973	0.440	ng	99
28) Pyrene	19.63	202	56641	0.416	ng	100
30) Benzo(a)anthracene	21.37	228	60875	0.451	ng	98
31) Chrysene	21.41	228	60181	0.417	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	103677	0.643	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	59047	0.432	ng	97
35) Benzo(b)fluoranthene	23.11	252	56095m	0.408	ng	
36) Benzo(k)fluoranthene	23.16	252	55562	0.382	ng	99
37) Benzo(a)pyrene	23.77	252	53575	0.417	ng	# 94
38) Dibenzo(a,h)anthracene	26.57	278	47654	0.417	ng	# 95
39) Benzo(g,h,i)perylene	27.36	276	46504	0.406	ng	98

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

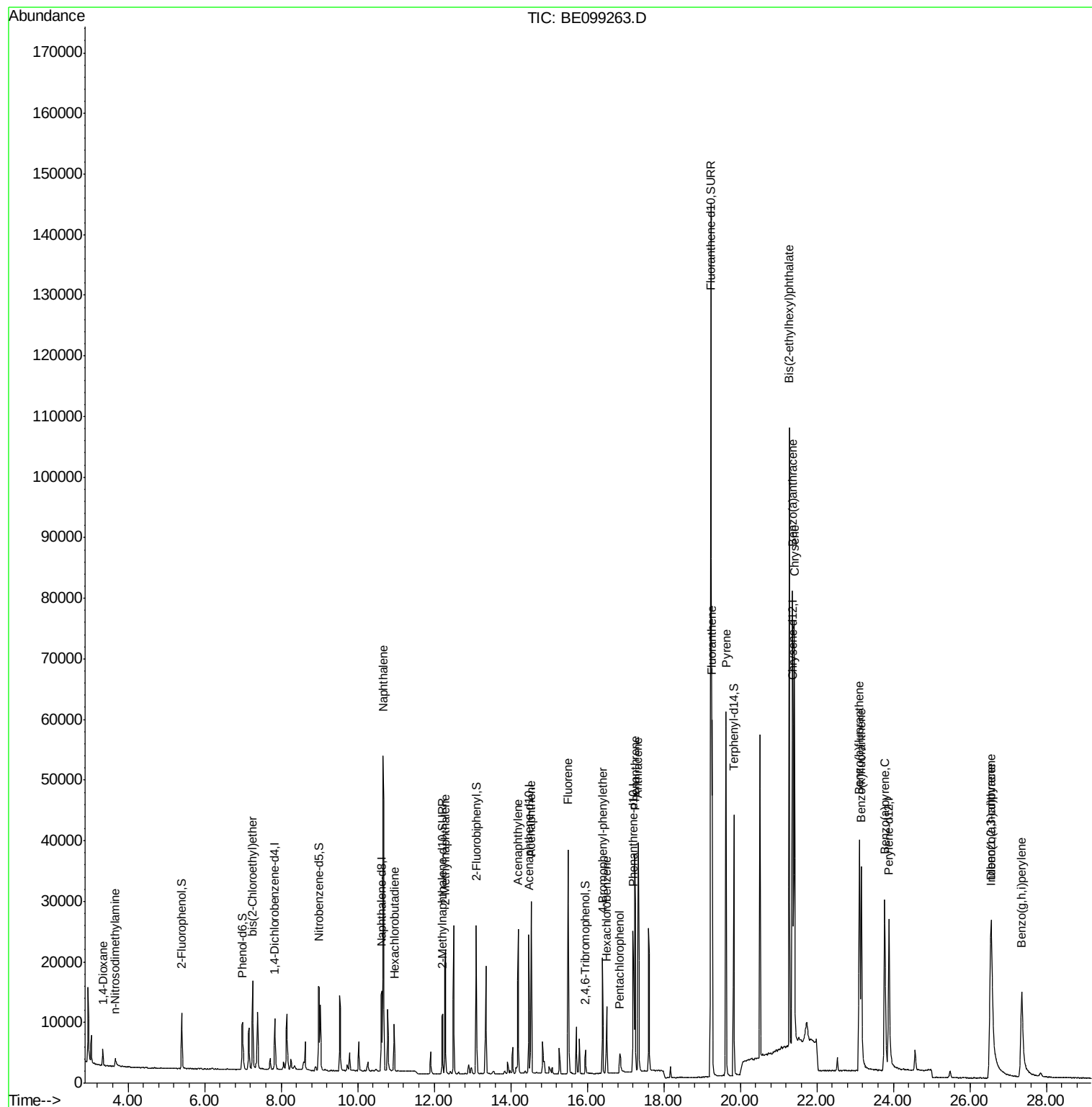
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099263.D
Acq On : 29 Mar 2019 20:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

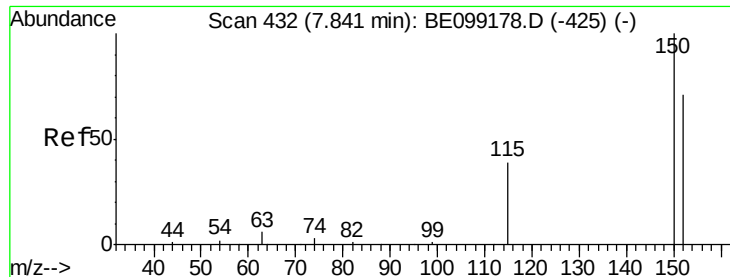
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM

Quant Time: Mar 29 23:32:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration





#1

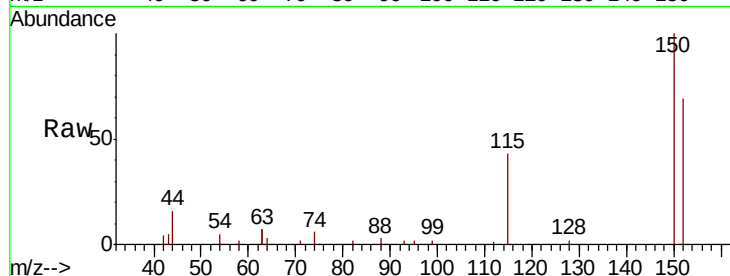
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.5	112.8	169.2
115	62.2	45.1	67.7

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM

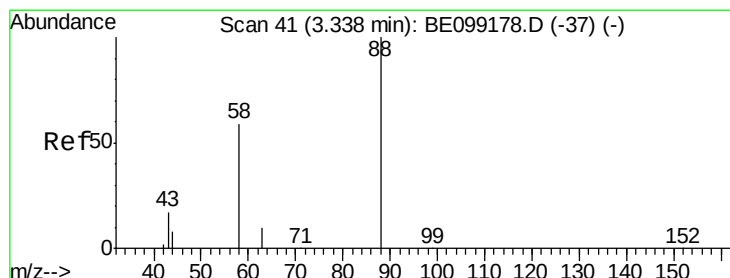
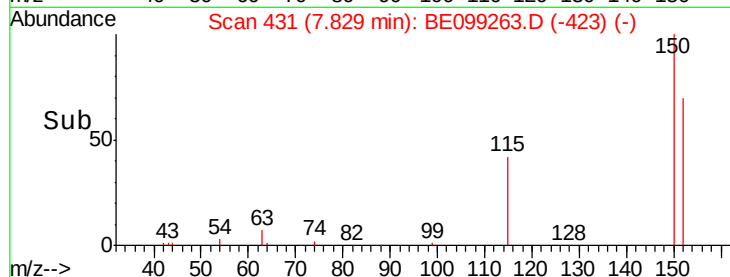
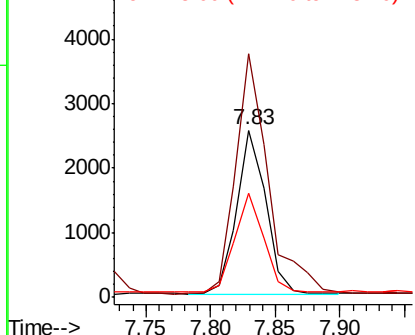


Abundance

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: 0.382 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

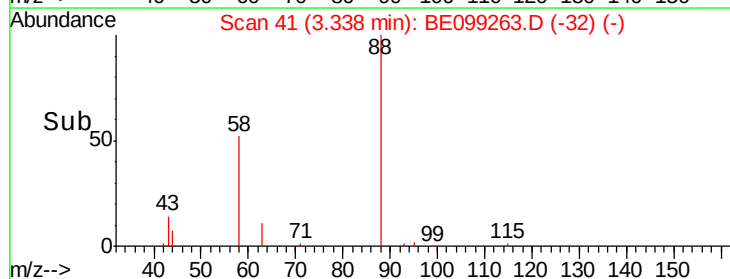
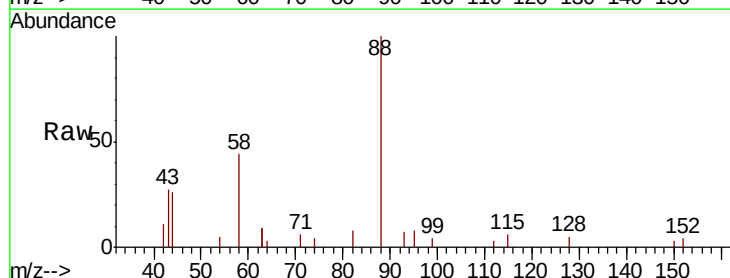
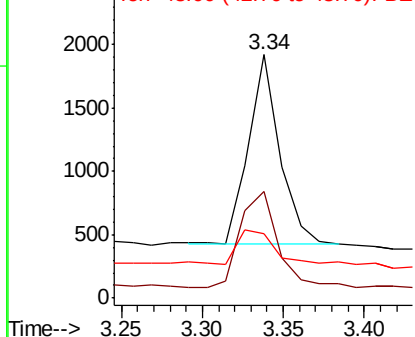
Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	47.4	71.0
43	19.8	15.6	23.4

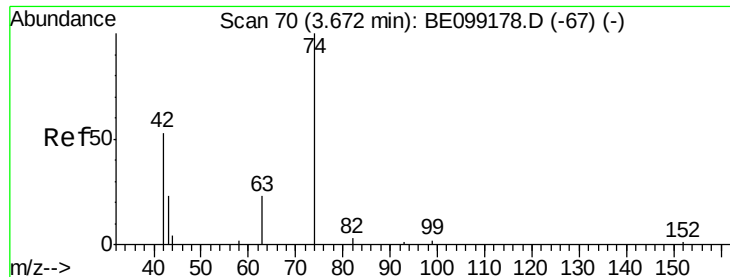
Abundance

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: 0.436 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

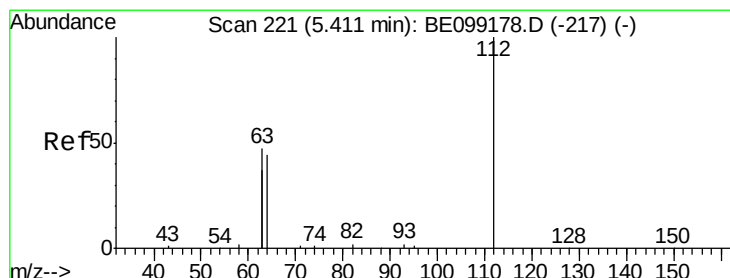
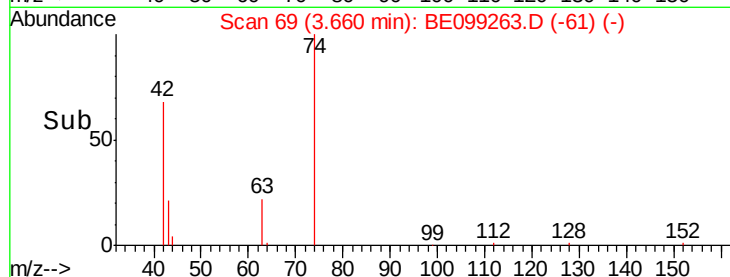
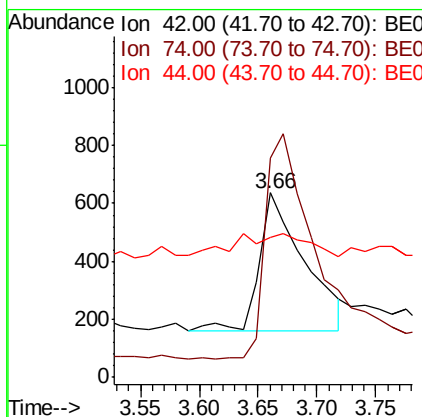
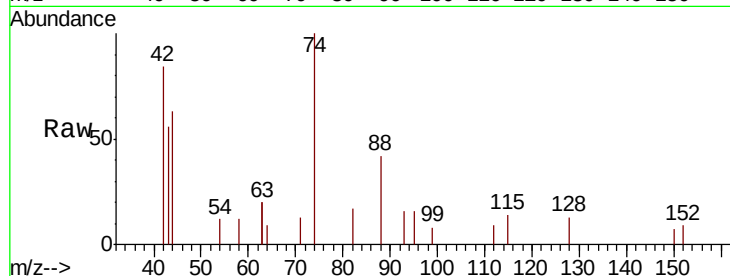
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	42	Resp:	1272
Ion Ratio	Lower	Upper	
42	100		
74	165.5	138.6	207.8
44	26.1	15.0	22.6#

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM



#4

2-Fluorophenol

Concen: 0.444 ng

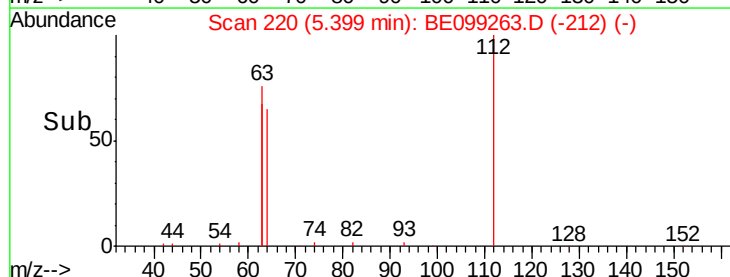
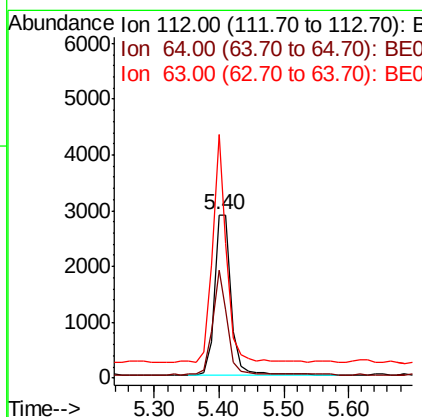
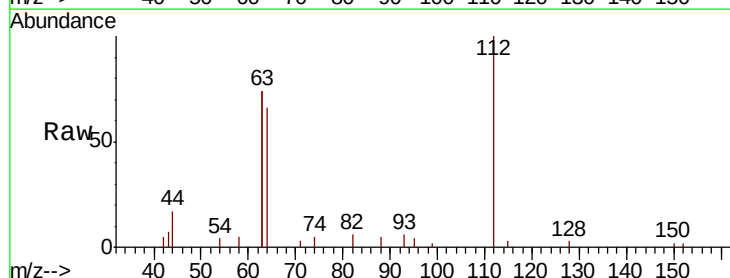
RT: 5.40 min Scan# 220

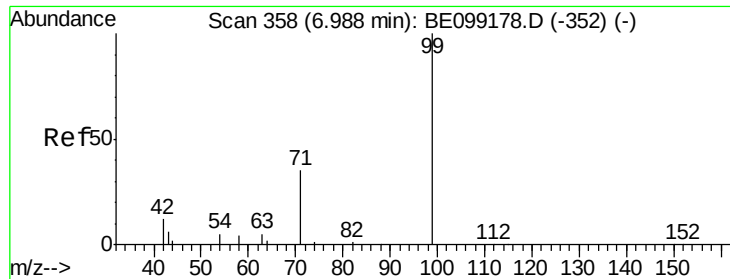
Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Tgt Ion:	112	Resp:	5244
Ion Ratio	Lower	Upper	
112	100		
64	56.2	46.2	69.2
63	119.9	89.9	134.9





#5

Phenol-d6

Concen: 0.447 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

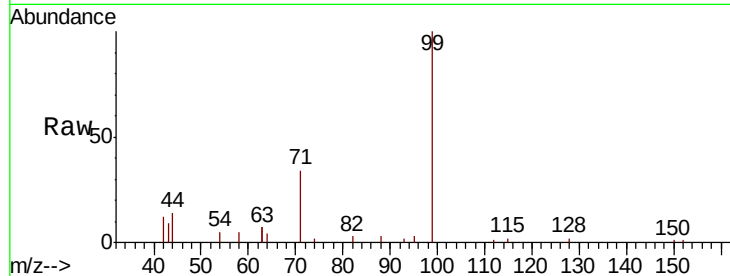
ClientSampleId :

SSTDCCC0.4EC

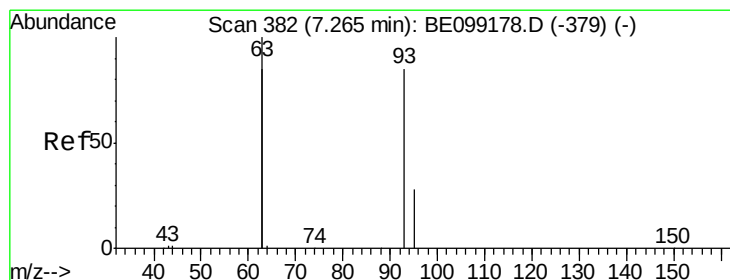
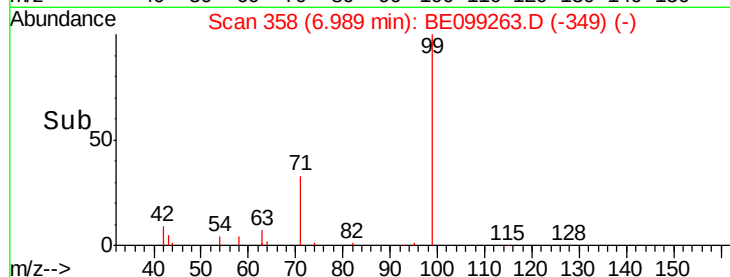
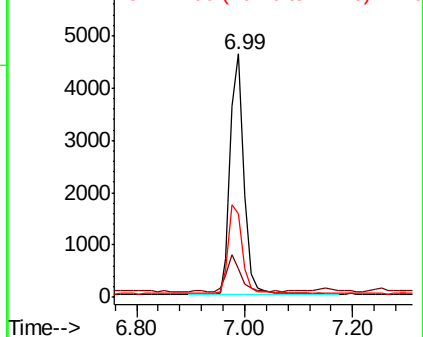
Tgt Ion:	99	Resp:	8068
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.4	18.6
71	37.2	28.4	42.6

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

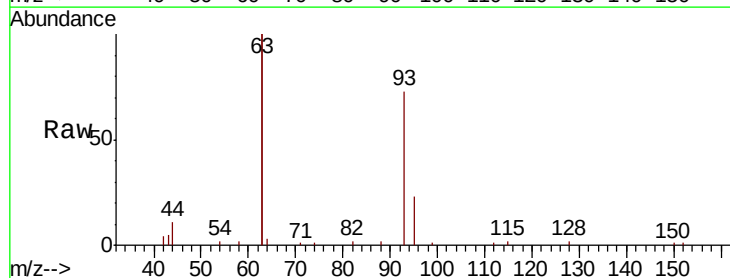
RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

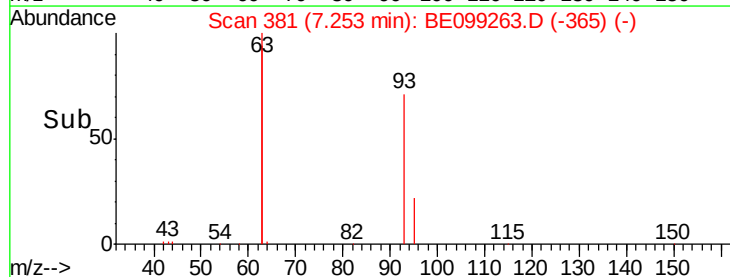
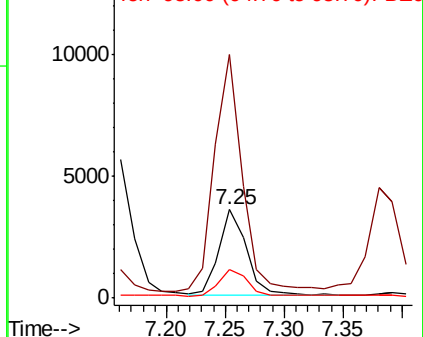
Lab File: BE099263.D

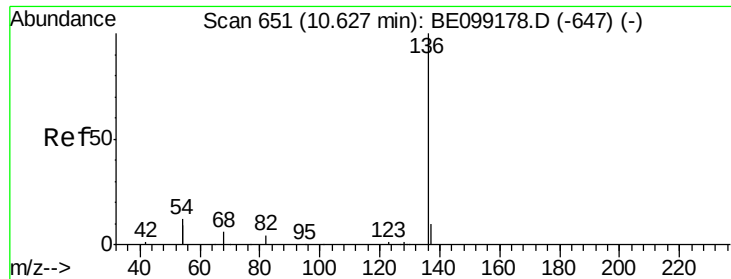
Acq: 29 Mar 2019 20:14

Tgt Ion:	93	Resp:	5761
Ion	Ratio	Lower	Upper
93	100		
63	273.2	221.4	332.0
95	32.0	25.8	38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 17628

Ion Ratio Lower Upper

136 100

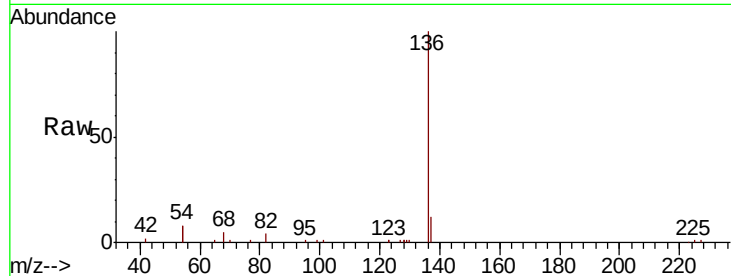
137 11.9 8.7 13.1

54 16.6 18.7 28.1#

68 4.6 5.2 7.8#

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM



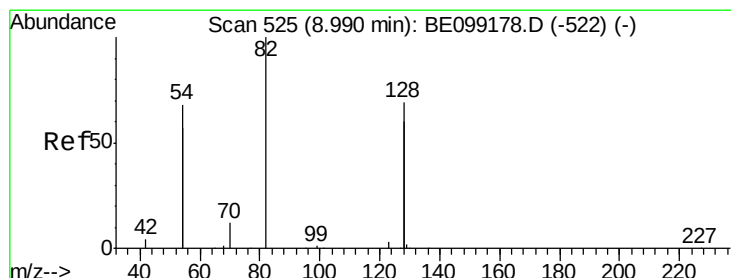
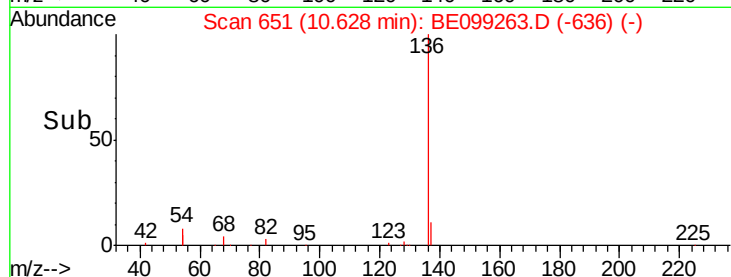
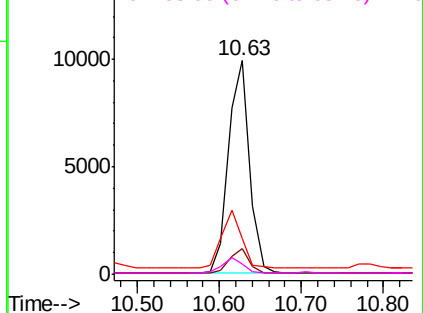
Abundance

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: 0.500 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

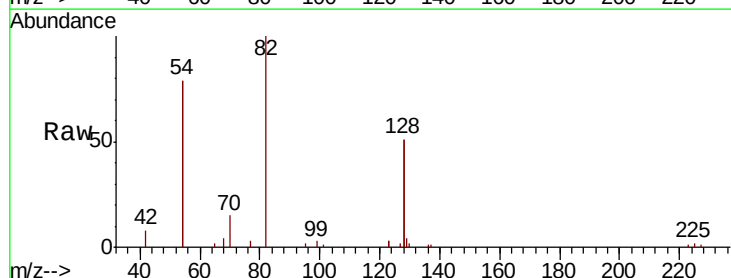
Tgt Ion: 82 Resp: 7199

Ion Ratio Lower Upper

82 100

128 101.5 107.5 161.3#

54 158.4 106.3 159.5

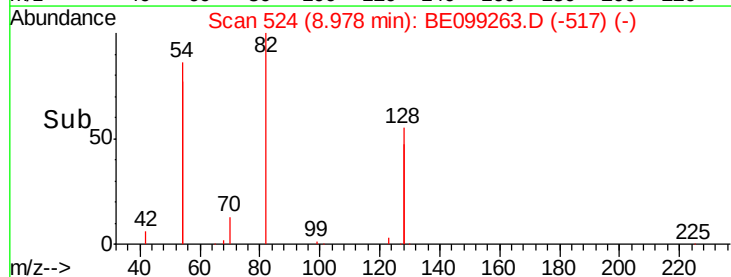
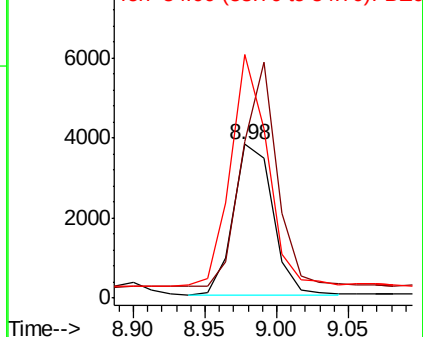


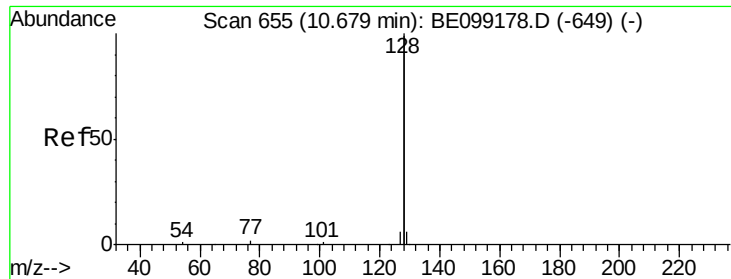
Abundance

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: 0.428 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

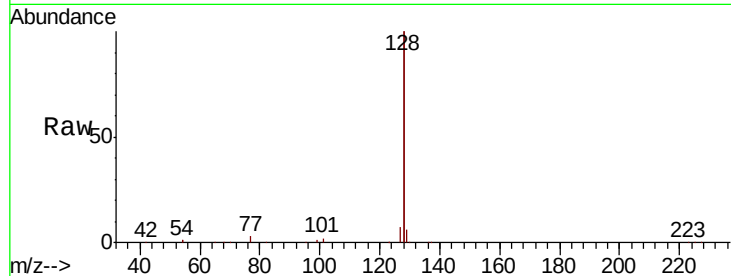
ClientSampleId :

SSTDCCC0.4EC

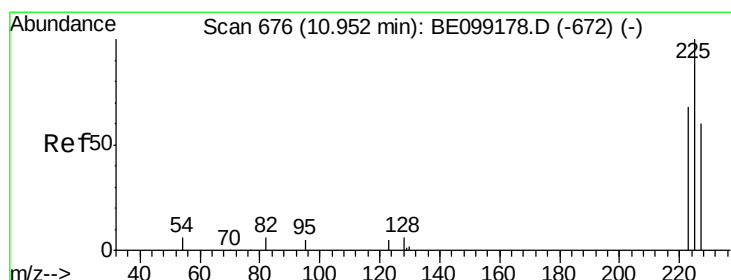
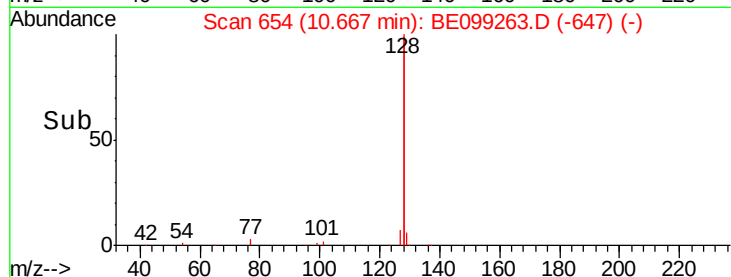
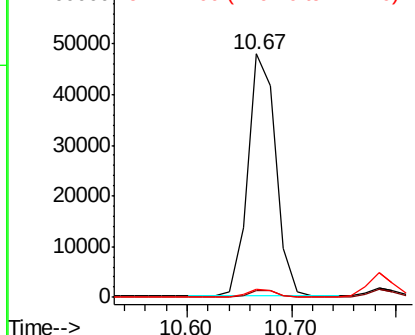
Tgt Ion:	128	Resp:	88903
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.3	3.5
127	3.5	2.6	3.8

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.471 ng

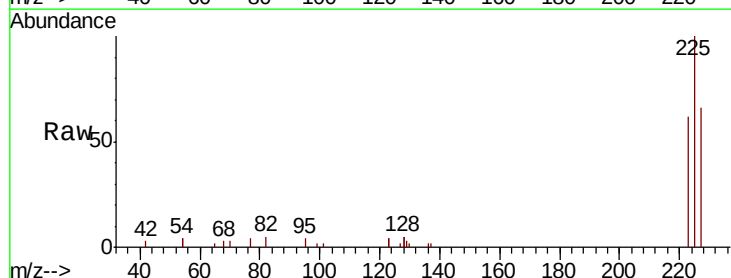
RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

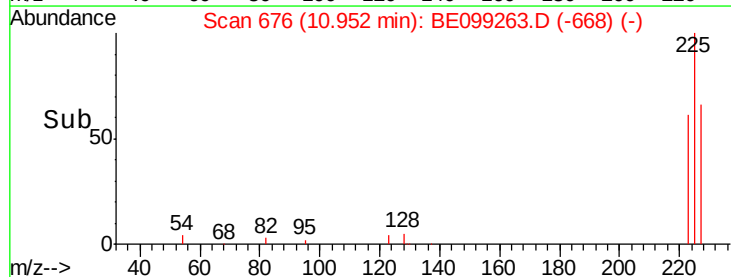
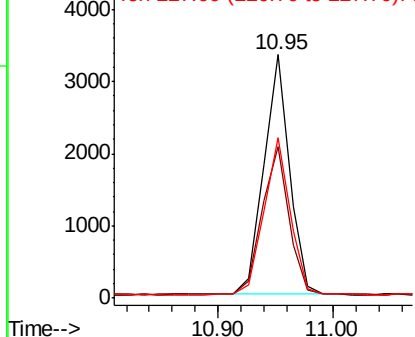
Lab File: BE099263.D

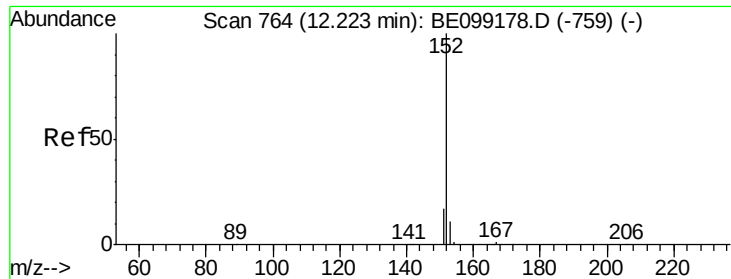
Acq: 29 Mar 2019 20:14

Tgt Ion:	225	Resp:	5221
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.3	76.9
227	66.7	48.6	73.0



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





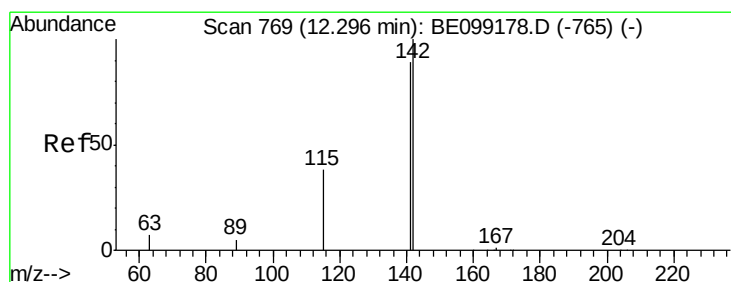
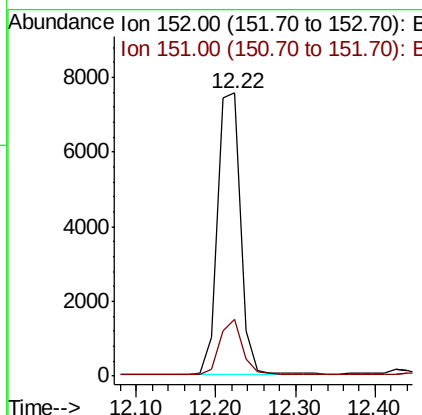
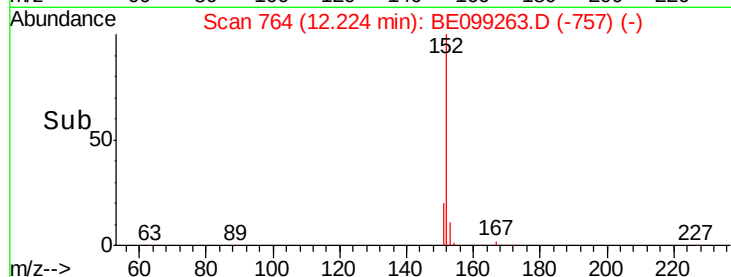
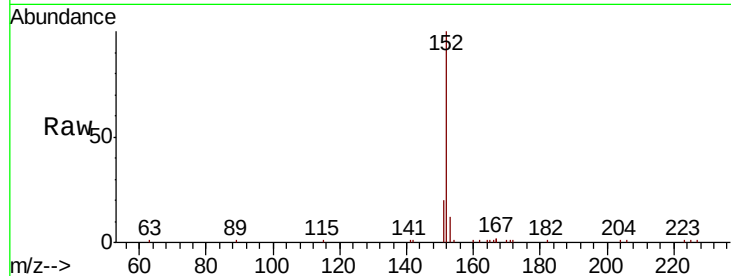
#11
 2-Methylnaphthalene-d10
 Concen: 0.440 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

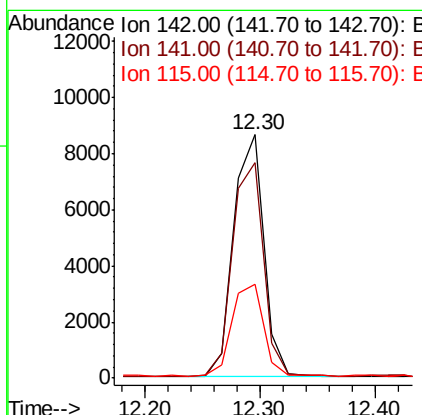
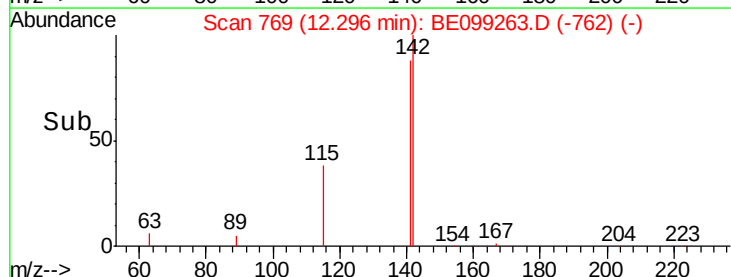
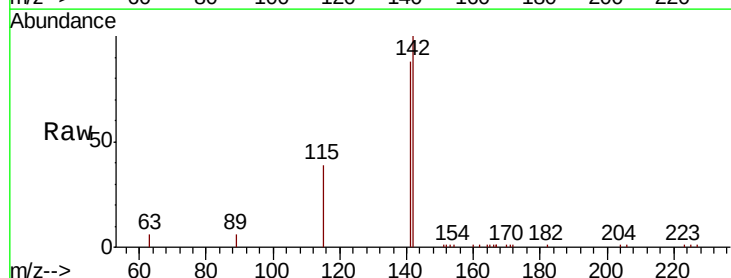
Manual Integrations
 APPROVED

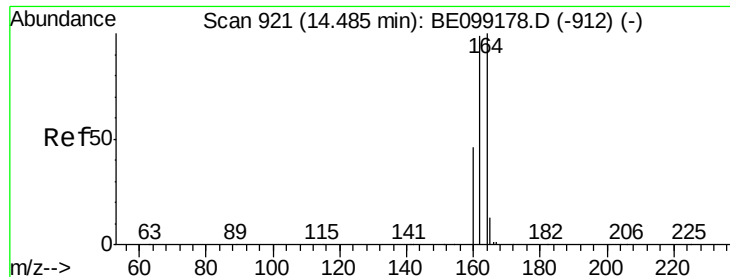
Sohil
 4/1/2019 5:45:15 PM



#12
 2-Methylnaphthalene
 Concen: 0.422 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	38.8	30.4	45.6





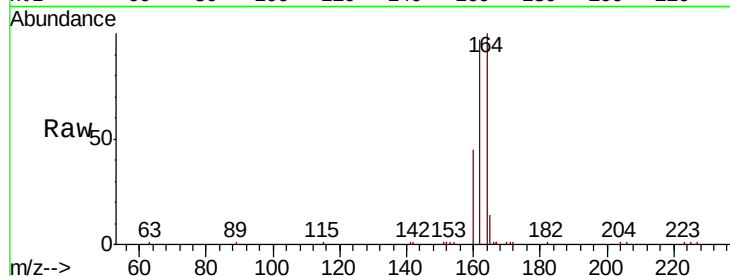
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.2	118.8
160	44.7	36.7	55.1

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM

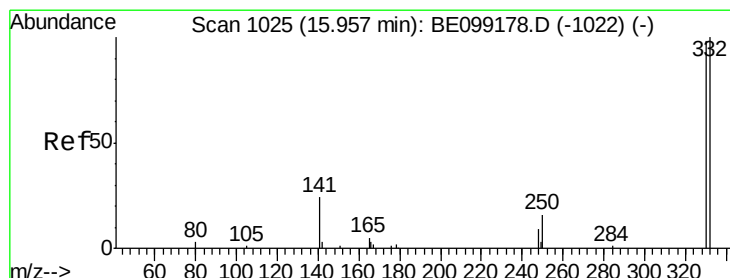
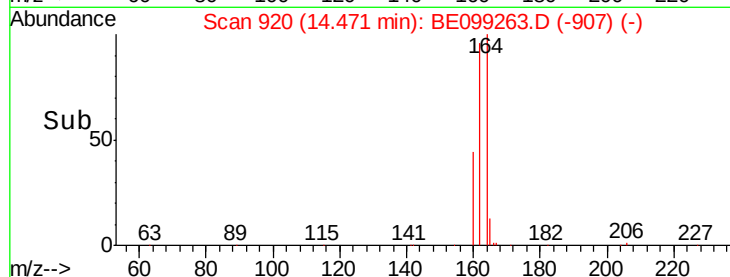
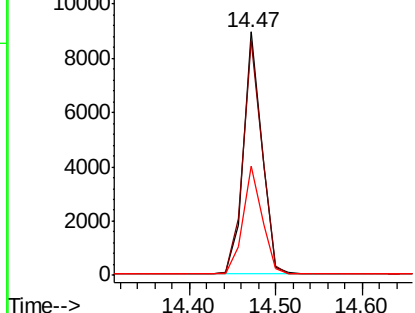


Abundance

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: 0.578 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

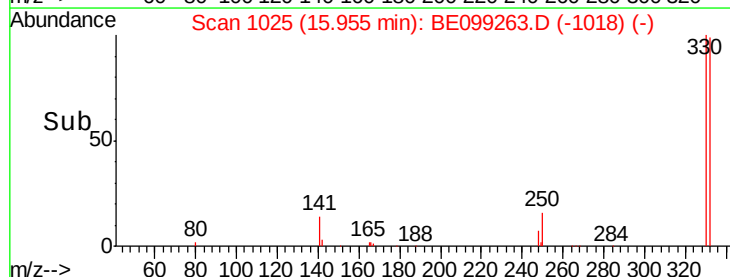
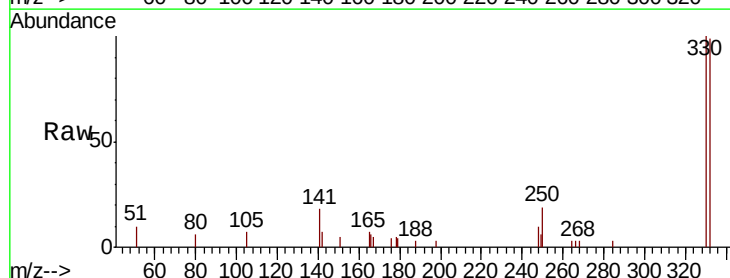
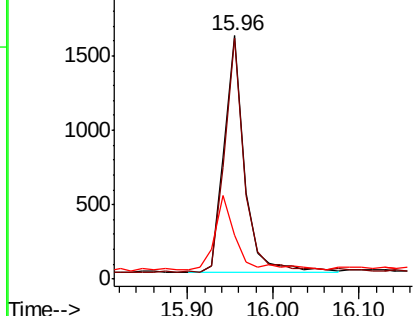
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.1	71.3	106.9
141	33.7	21.7	32.5

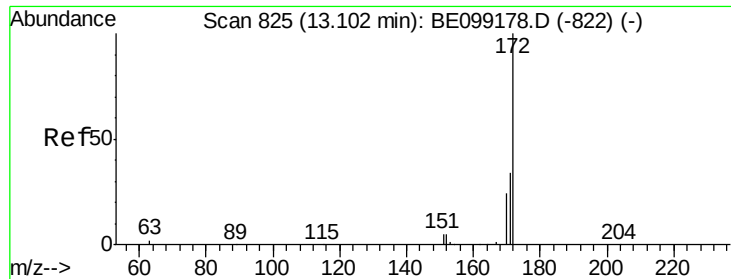
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





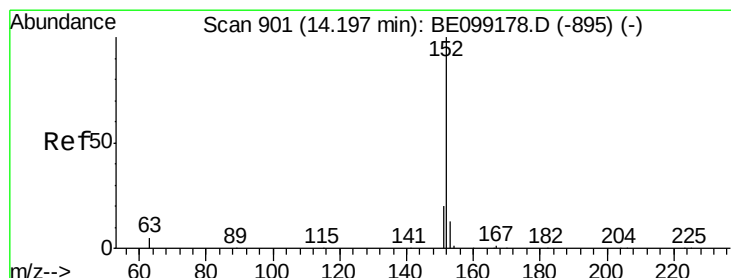
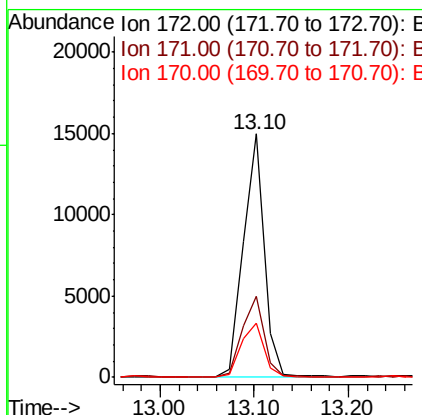
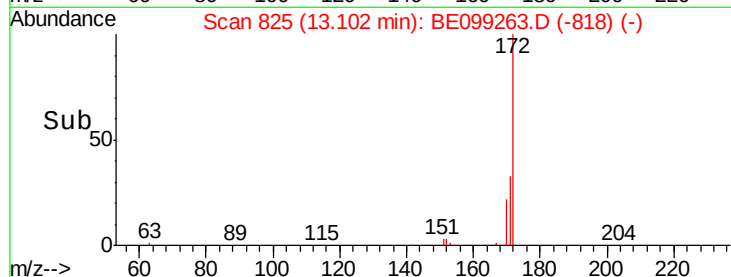
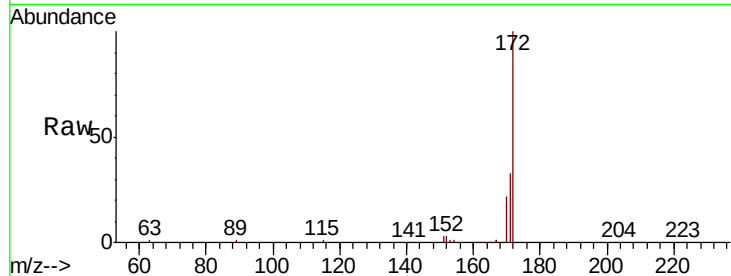
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.4	41.0
170	22.2	19.1	28.7

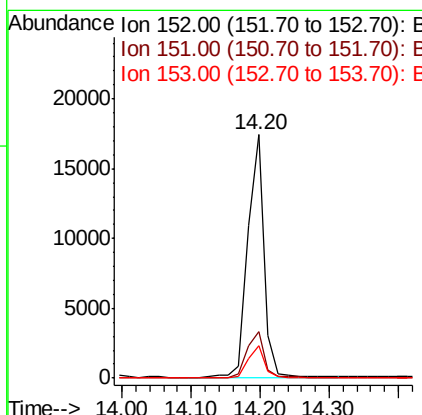
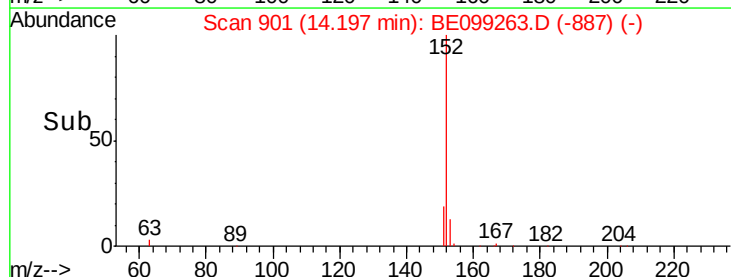
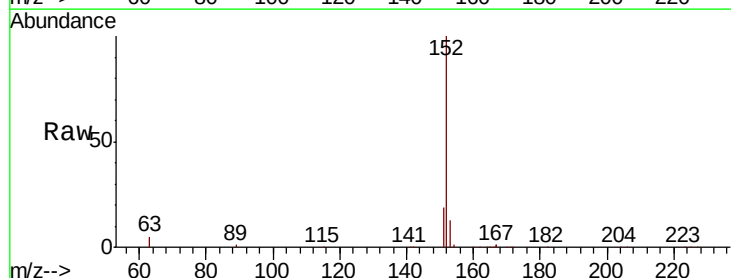
Manual Integrations
APPROVED

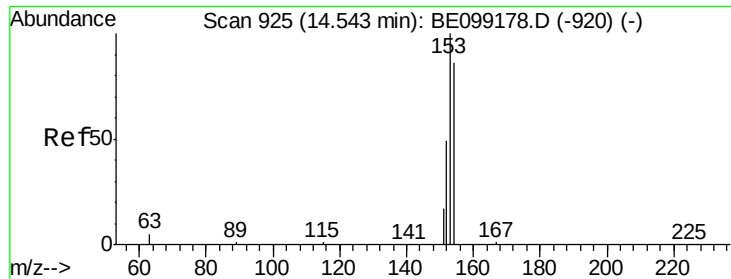
Sohil
4/1/2019 5:45:15 PM



#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8





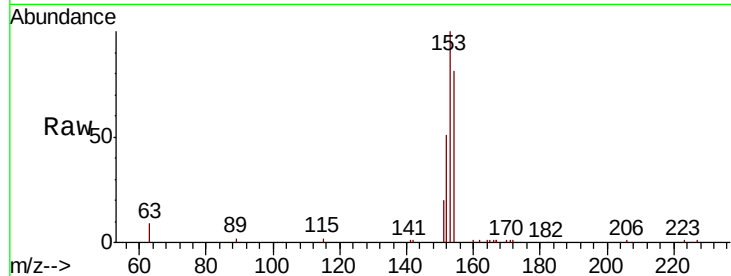
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	16457		
153	116.9	93.4	140.0	
152	56.9	46.6	69.8	

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM

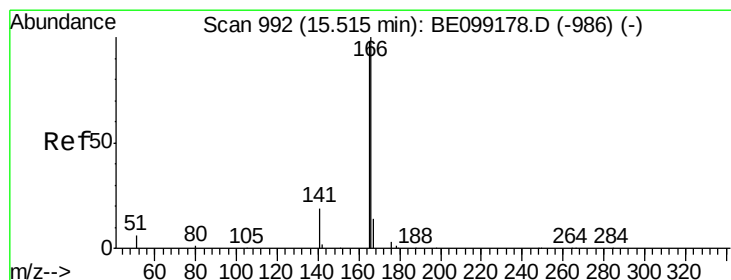
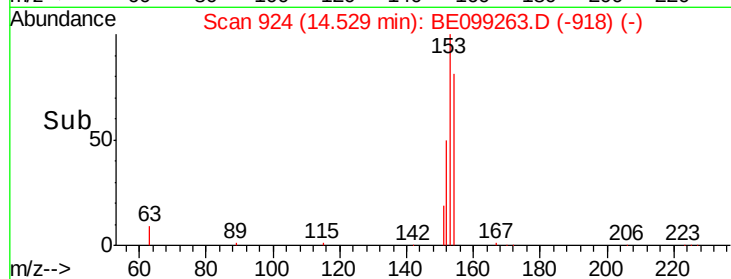
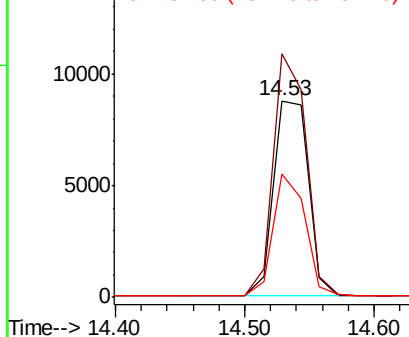


Abundance

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: 0.409 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

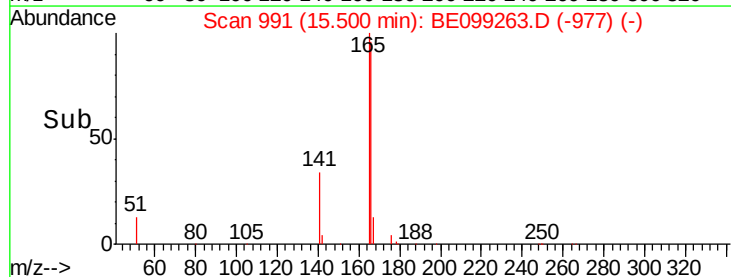
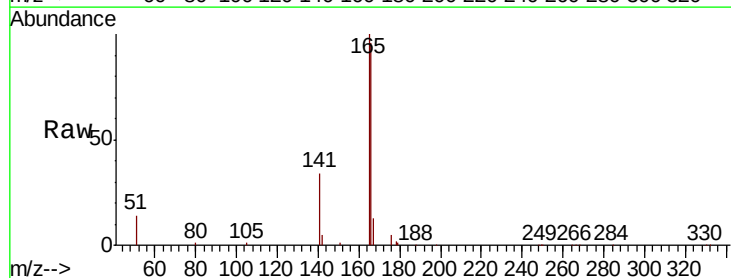
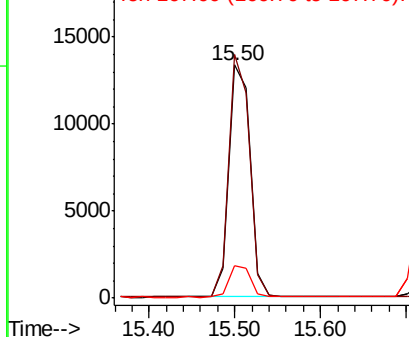
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	22966		
165	101.6	78.9	118.3	
167	13.8	10.9	16.3	

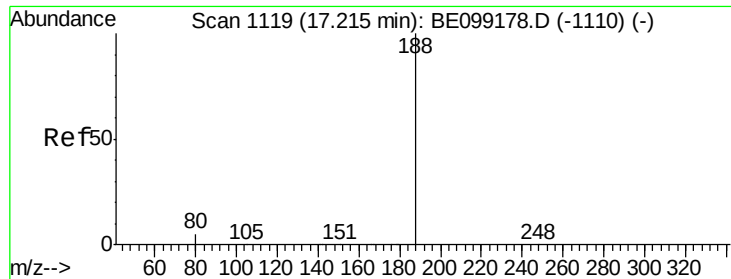
Abundance

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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:188 Resp: 33944

Ion Ratio Lower Upper

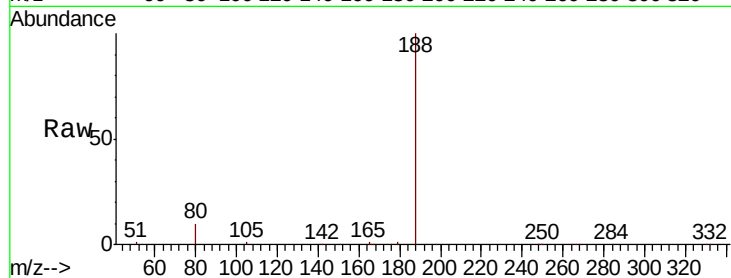
188 100

94 0.0 0.0 0.0

80 9.8 4.5 6.7#

Manual Integrations
APPROVED

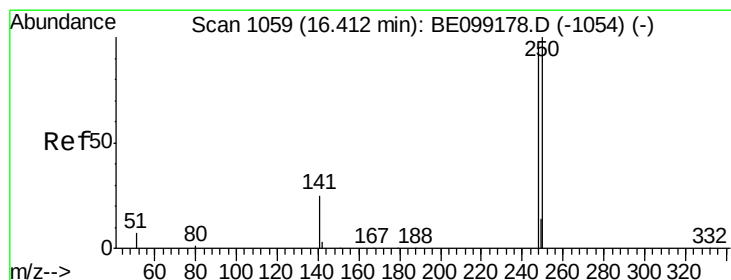
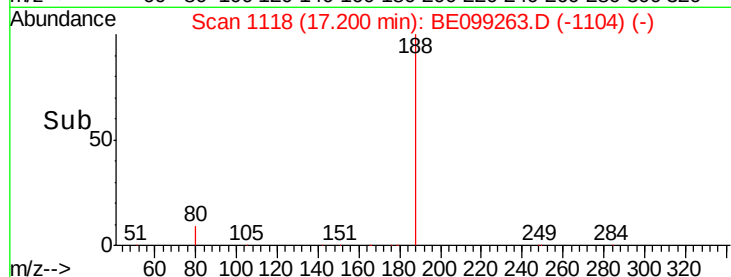
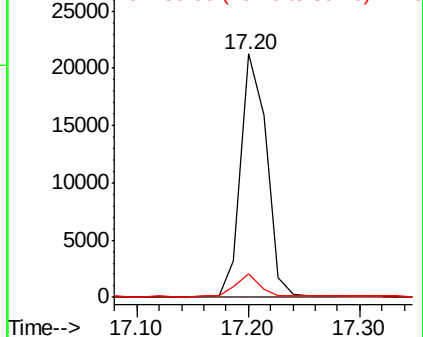
Sohil
4/1/2019 5:45:15 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Tgt Ion:248 Resp: 9031

Ion Ratio Lower Upper

248 100

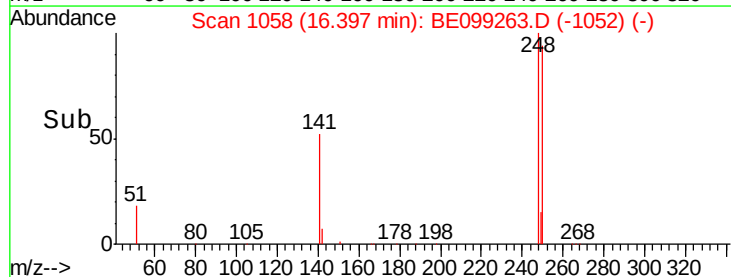
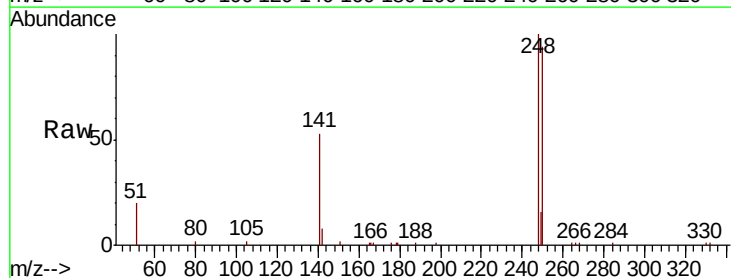
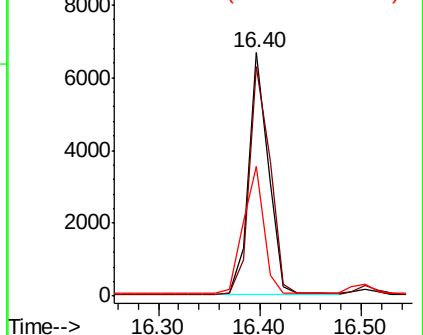
250 94.0 84.2 126.2

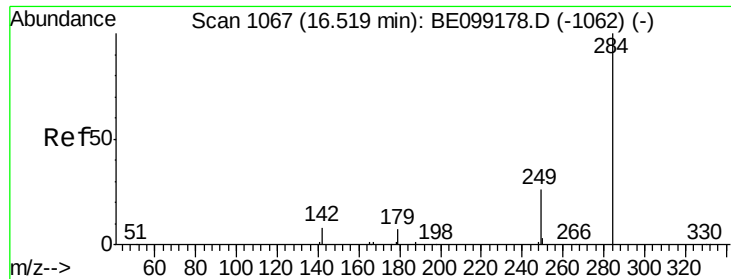
141 53.1 21.8 32.6#

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

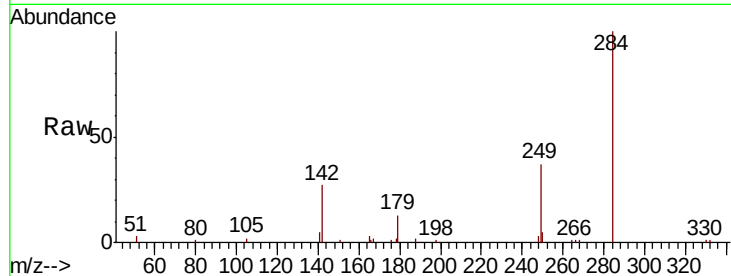
ClientSampleId :

SSTDCCC0.4EC

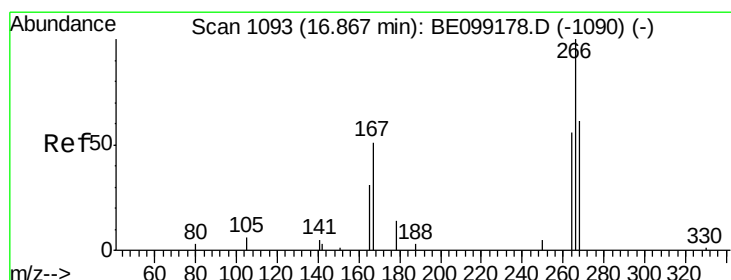
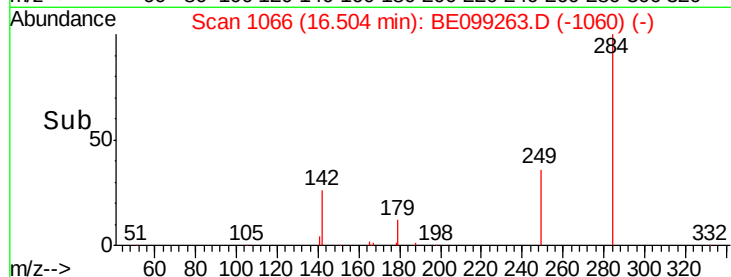
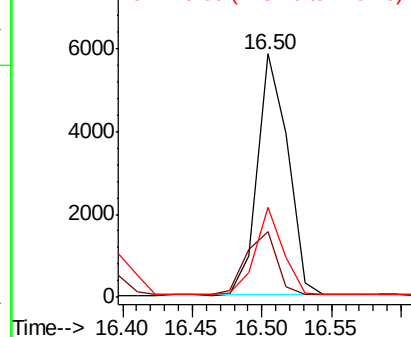
Tgt Ion:	284	Resp:	8829
Ion Ratio	Lower	Upper	
284	100		
142	26.5	22.7	34.1
249	33.5	26.9	40.3

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 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: 0.993 ng

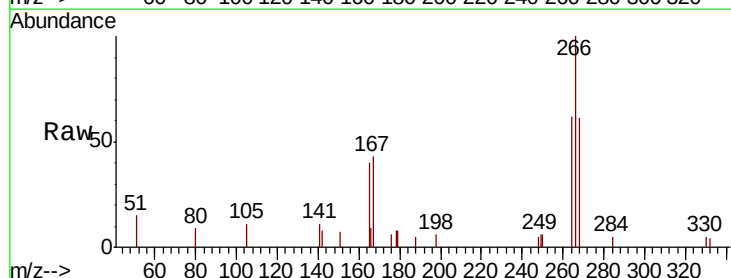
RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

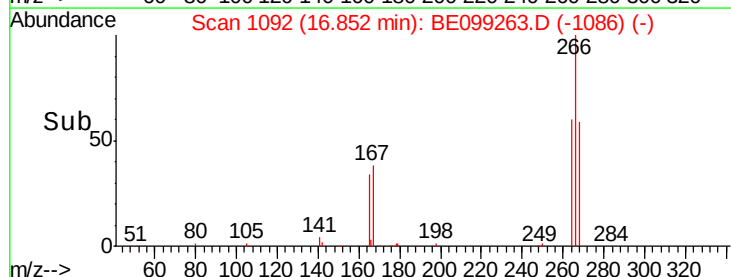
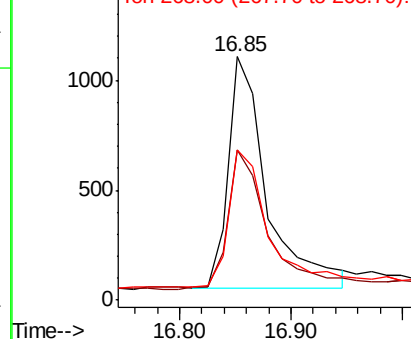
Lab File: BE099263.D

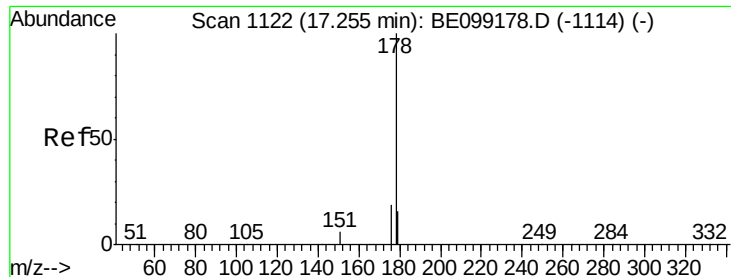
Acq: 29 Mar 2019 20:14

Tgt Ion:	266	Resp:	2555
Ion Ratio	Lower	Upper	
266	100		
264	61.6	54.4	81.6
268	61.5	61.3	91.9



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: 0.413 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

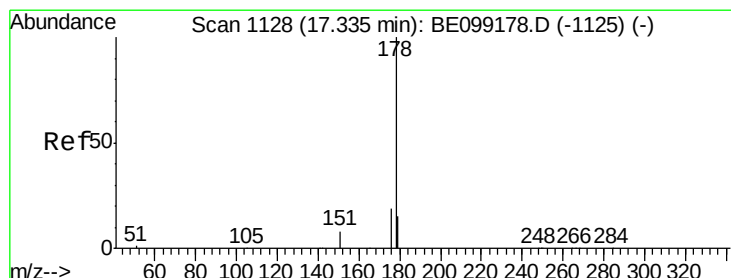
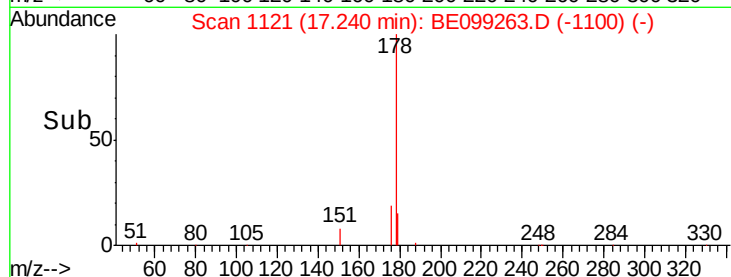
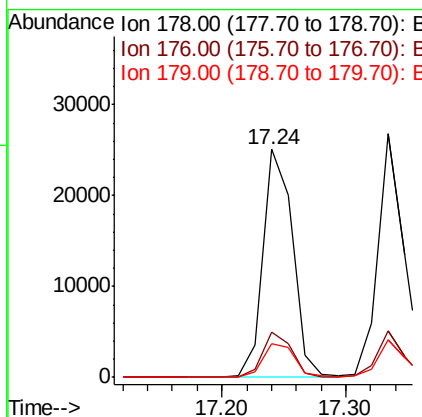
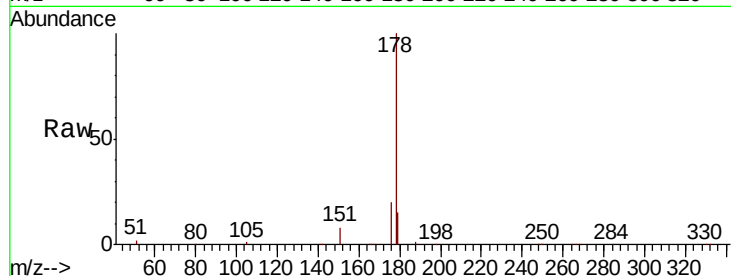
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	178	Resp:	41160
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	15.6	12.3	18.5

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM



#24

Anthracene

Concen: 0.424 ng

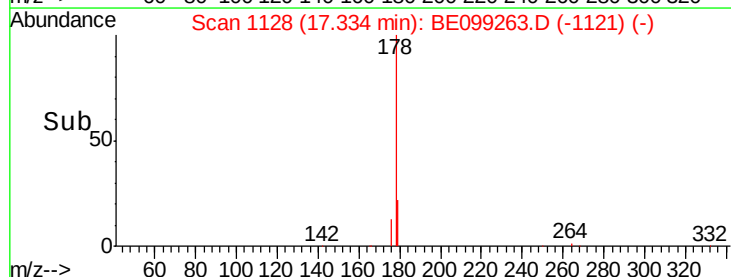
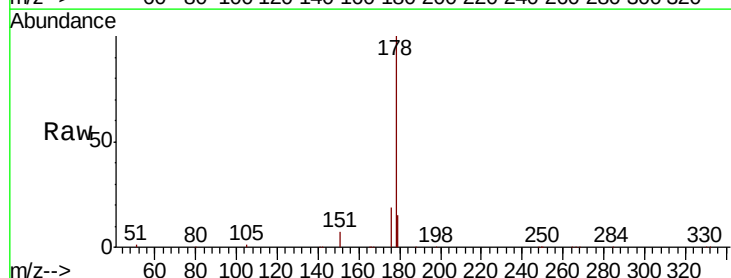
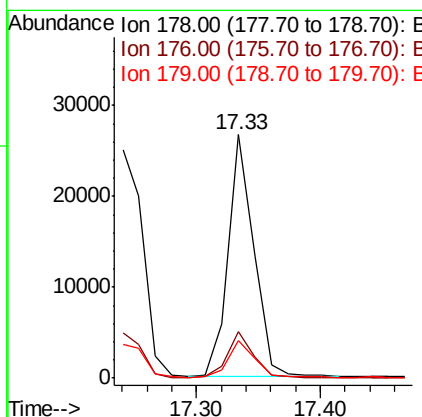
RT: 17.33 min Scan# 1128

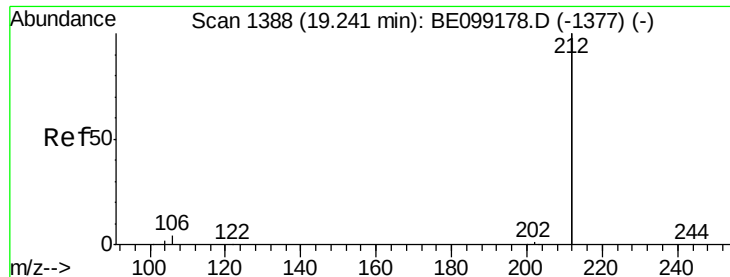
Delta R.T. -0.00 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Tgt Ion:	178	Resp:	38215
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.3	12.4	18.6





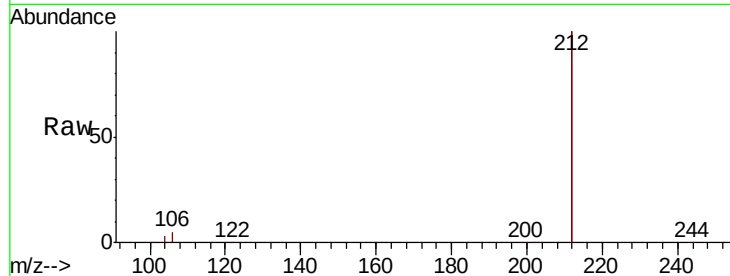
#25
 Fluoranthene-d10
 Concen: 0.467 ng
 RT: 19.23 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

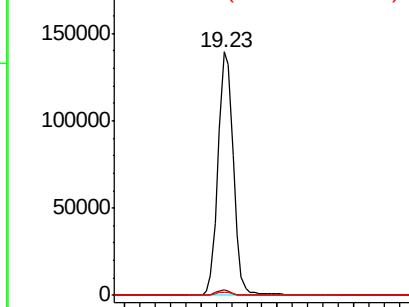
Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

Manual Integrations
 APPROVED

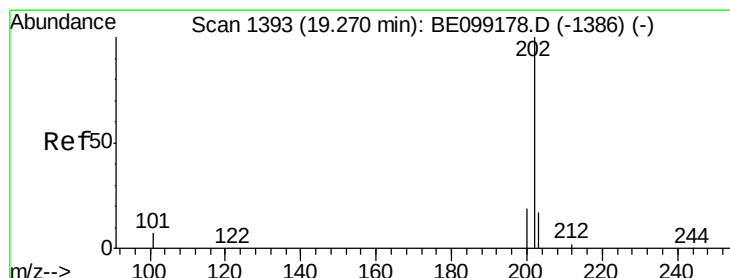
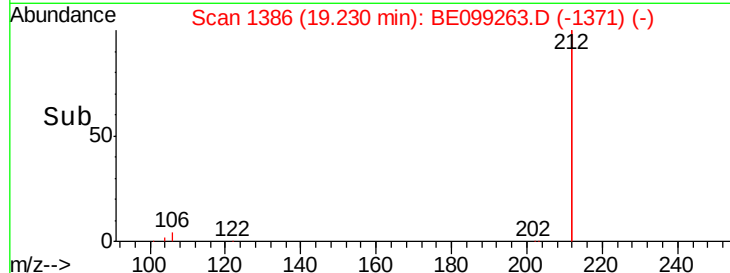
Sohil
 4/1/2019 5:45:15 PM



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



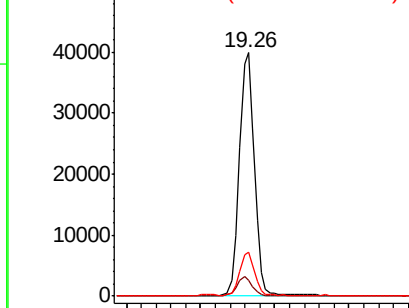
Time--> 19.10 19.20 19.30 19.40



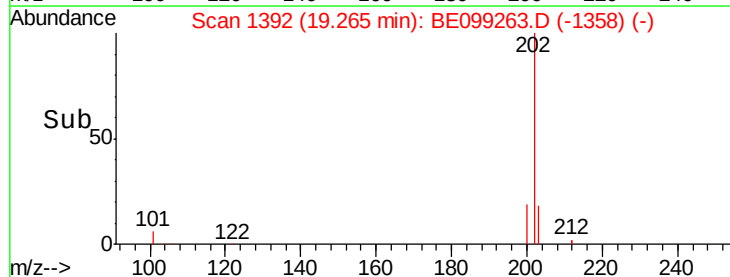
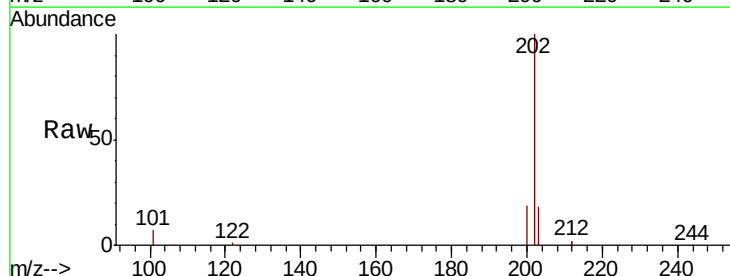
#26
 Fluoranthene
 Concen: 0.440 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

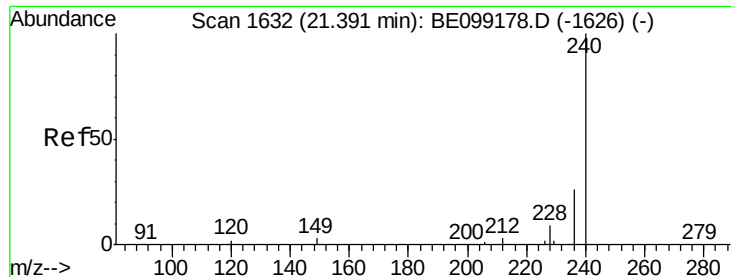
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.2	13.8	20.6

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



Time--> 19.10 19.20 19.30 19.40





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:240 Resp: 40949

Ion Ratio Lower Upper

240 100

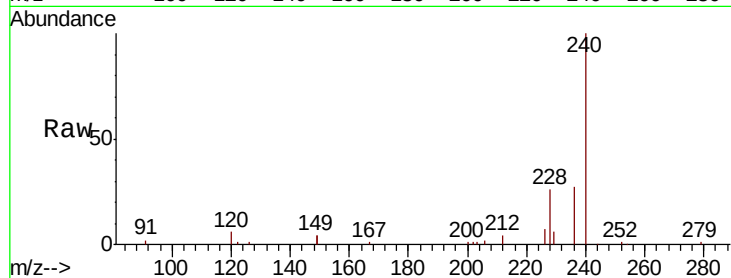
120 5.5 2.6 3.8#

236 27.2 20.9 31.3

Manual Integrations
APPROVED

Sohil

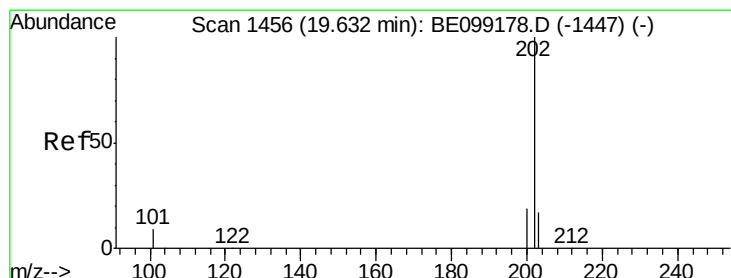
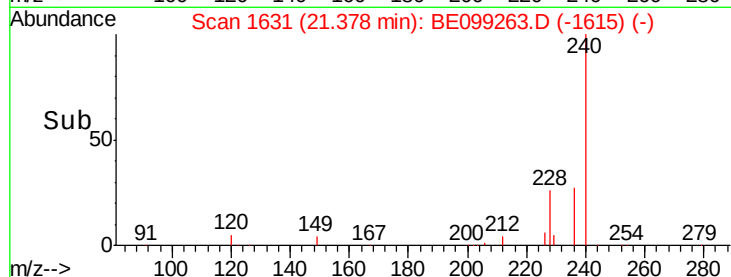
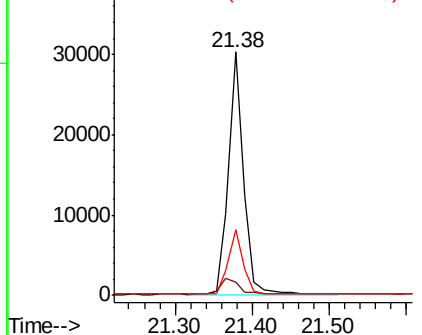
4/1/2019 5:45:15 PM



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: 0.416 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099263.D

Acq: 29 Mar 2019 20:14

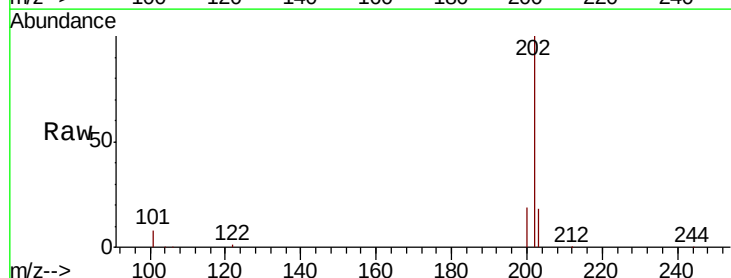
Tgt Ion:202 Resp: 56641

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

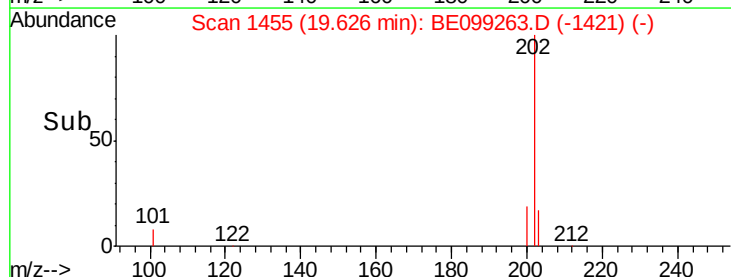
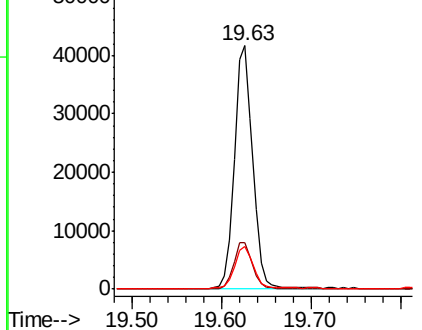
203 17.6 14.1 21.1

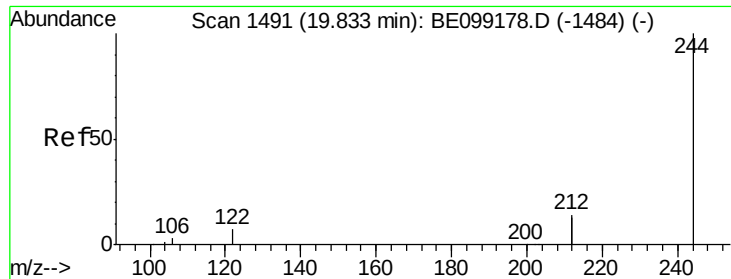


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





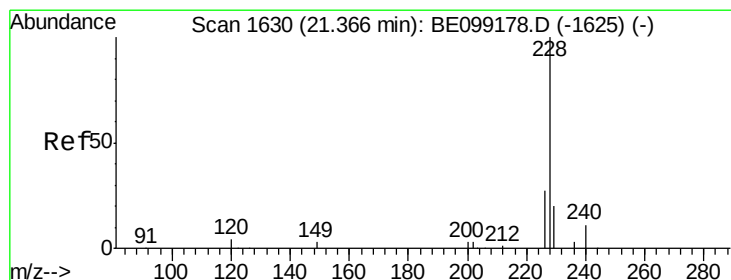
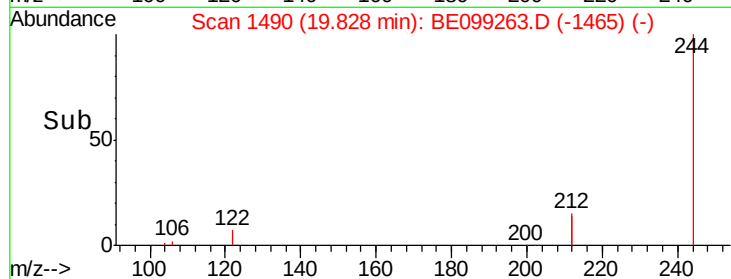
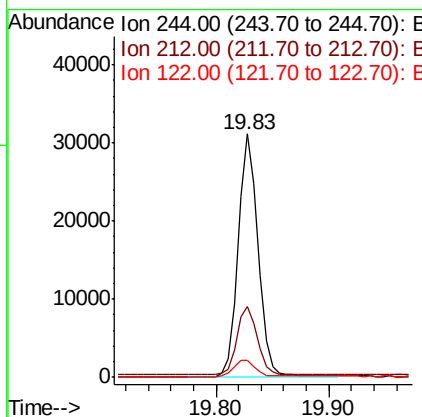
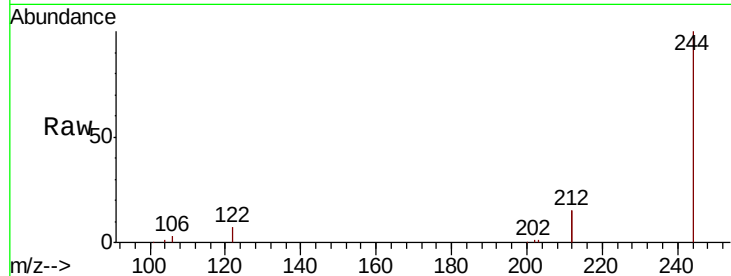
#29
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.3	22.7	34.1
122	6.9	5.8	8.6

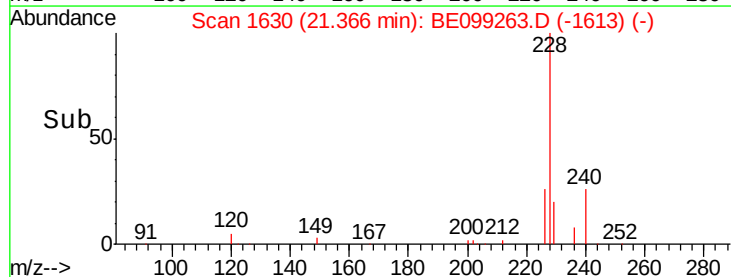
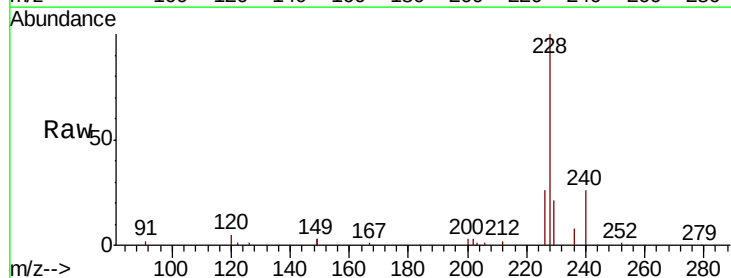
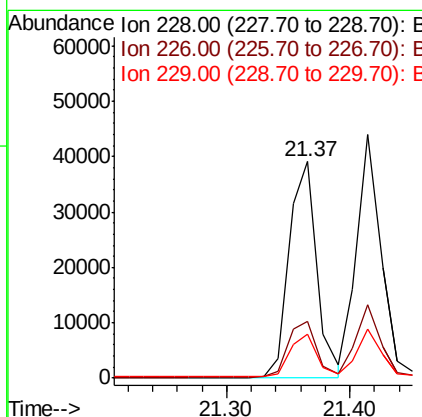
Manual Integrations
 APPROVED

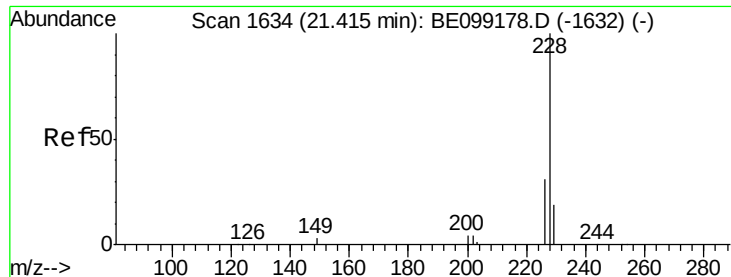
Sohil
 4/1/2019 5:45:15 PM



#30
 Benzo(a)anthracene
 Concen: 0.451 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.7	32.5
229	20.6	15.9	23.9





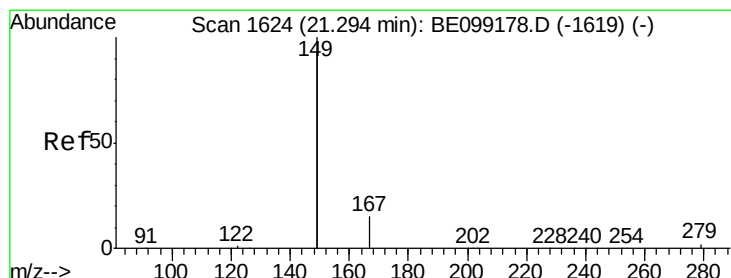
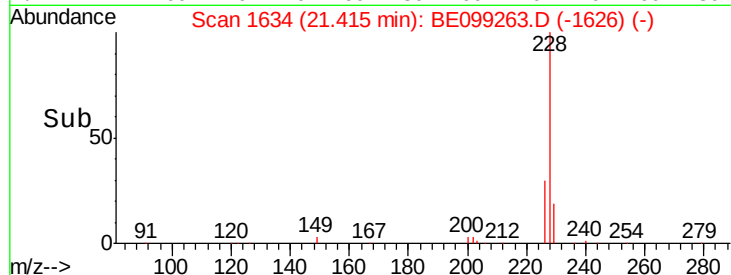
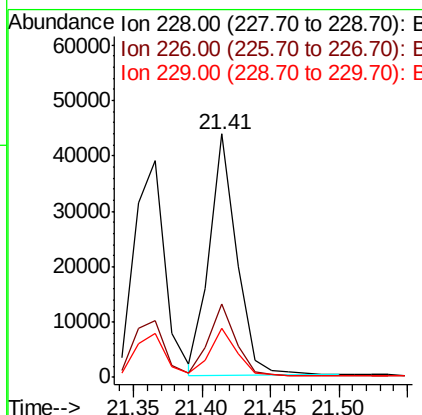
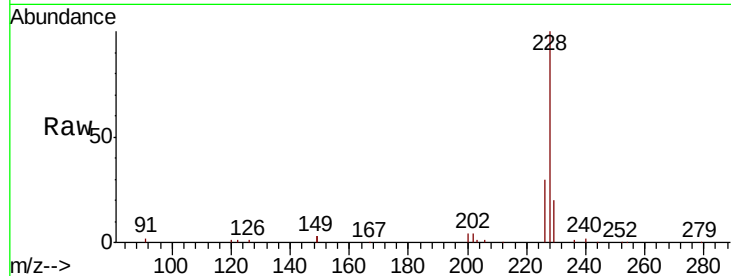
#31
Chrysene
Concen: 0.417 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.8	37.2
229	19.9	15.4	23.0

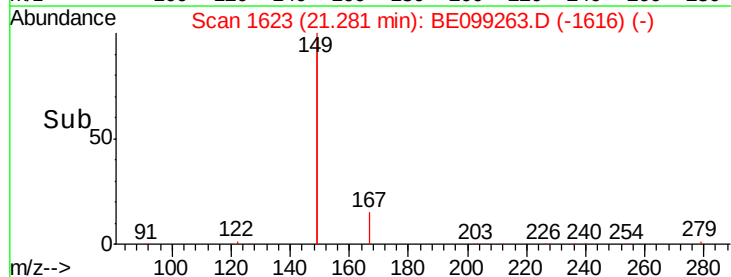
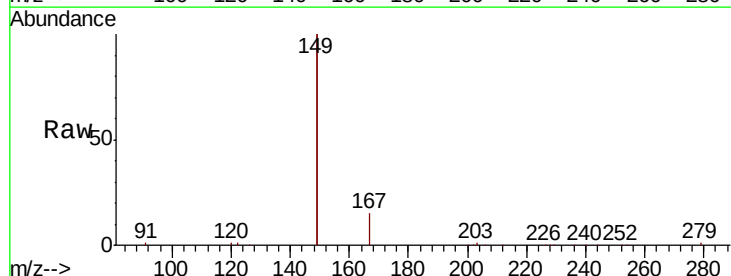
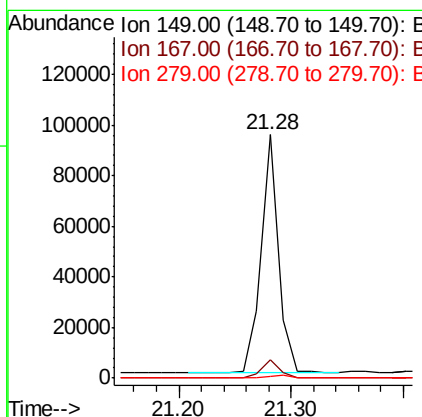
Manual Integrations
APPROVED

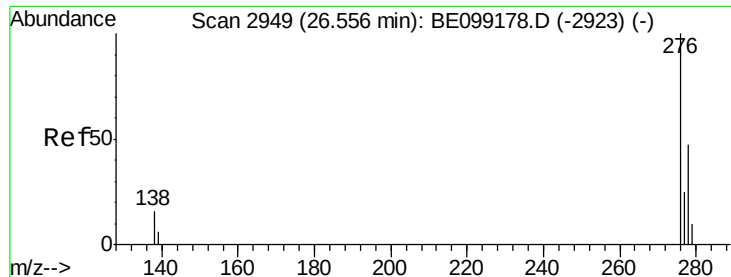
Sohil
4/1/2019 5:45:15 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.643 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.2	1.0	1.6





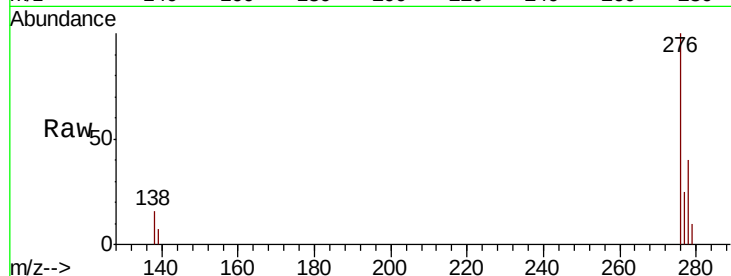
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.432 ng
 RT: 26.54 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.9	19.3
277	23.2	18.3	27.5

Manual Integrations
 APPROVED

Sohil
 4/1/2019 5:45:15 PM

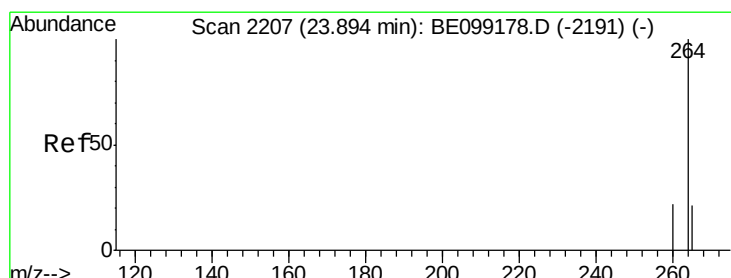
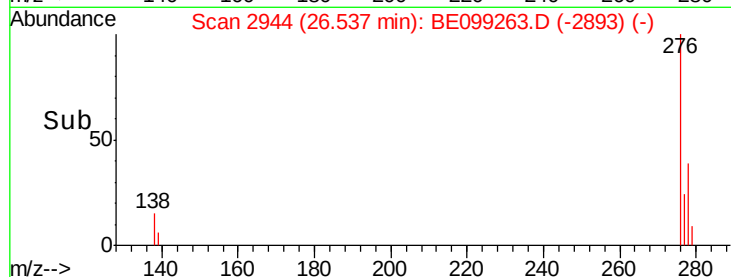
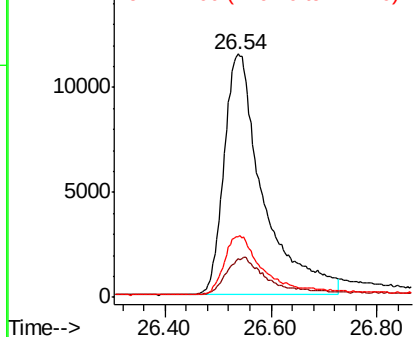


Abundance

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: 23.89 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BE099263.D
 Acq: 29 Mar 2019 20:14

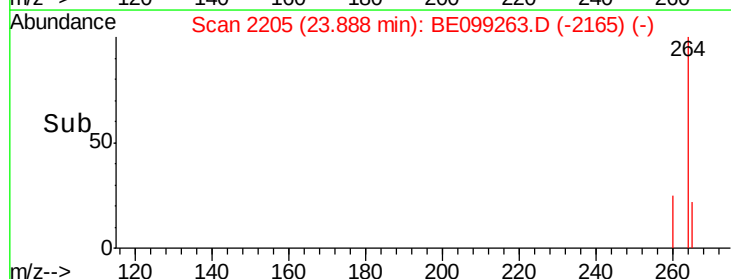
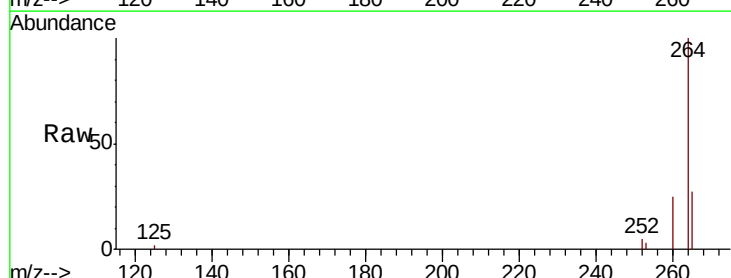
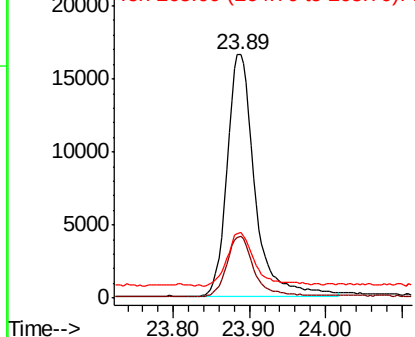
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.2
265	26.8	21.8	32.8

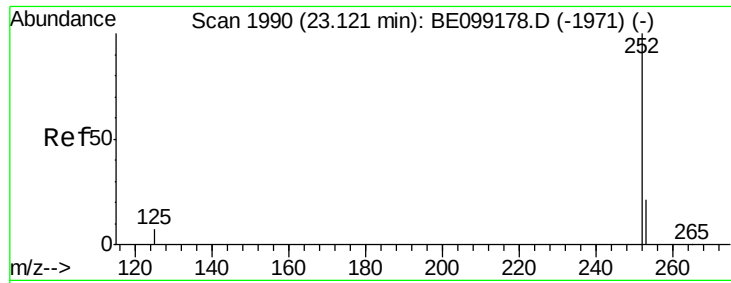
Abundance

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





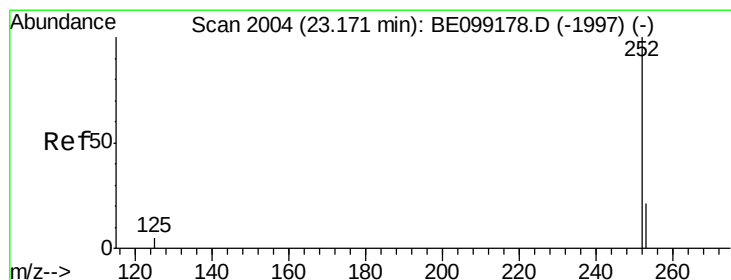
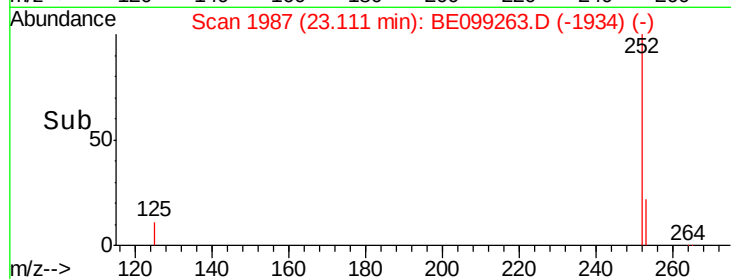
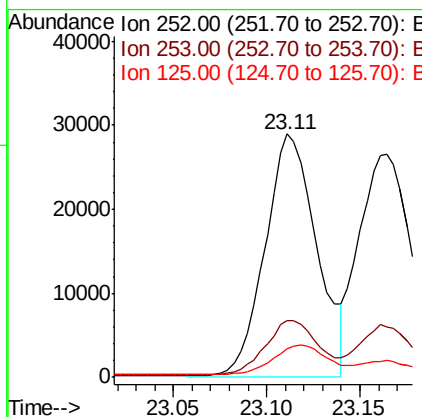
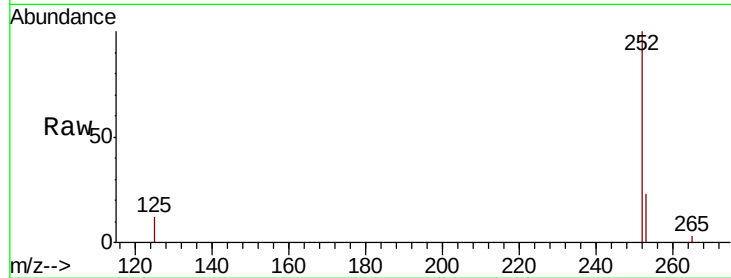
#35
Benzo(b)fluoranthene
Concen: 0.408 ng m
RT: 23.11 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.7	6.1	9.1

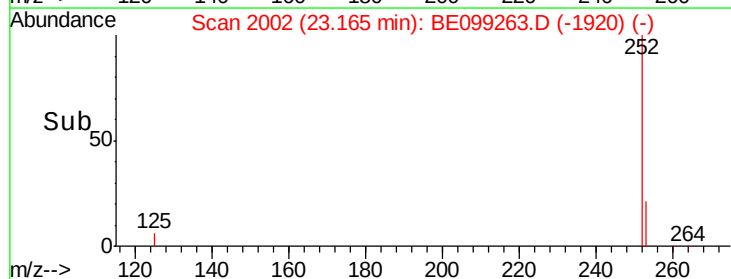
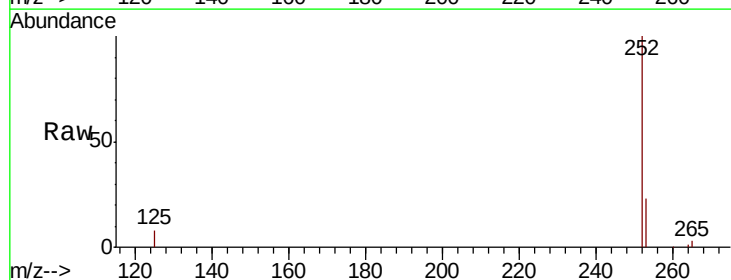
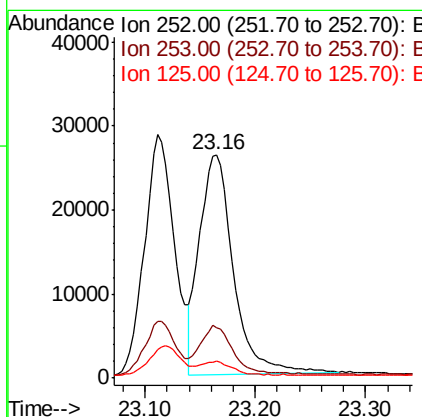
Manual Integrations
APPROVED

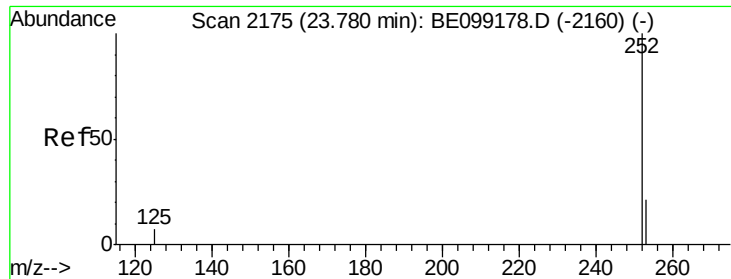
Sohil
4/1/2019 5:45:15 PM



#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.5	5.9	8.9





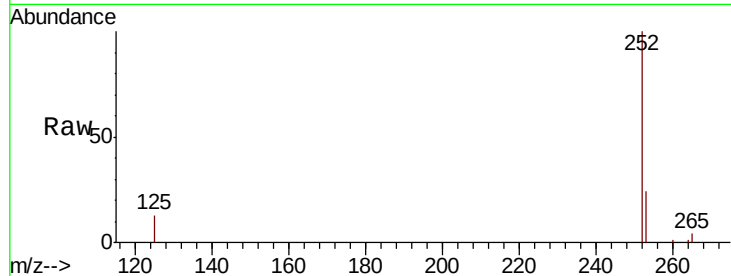
#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.1	6.8	10.2

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM

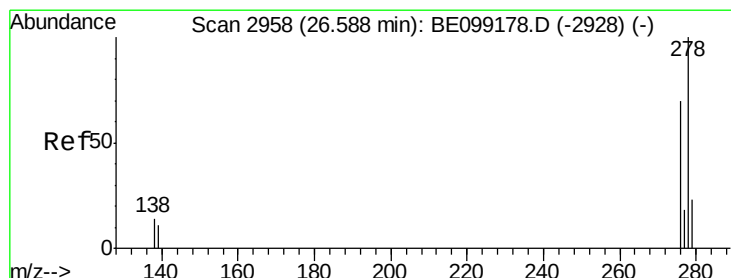
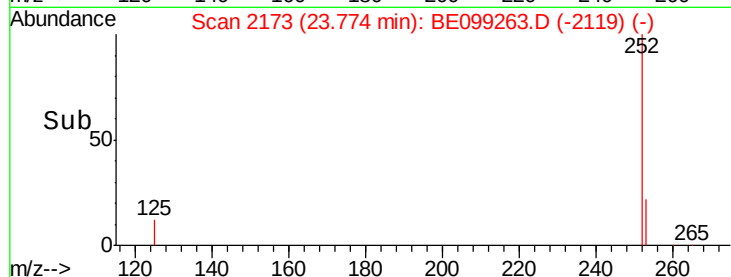
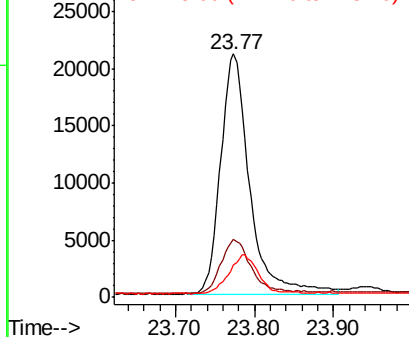


Abundance

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: 0.417 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

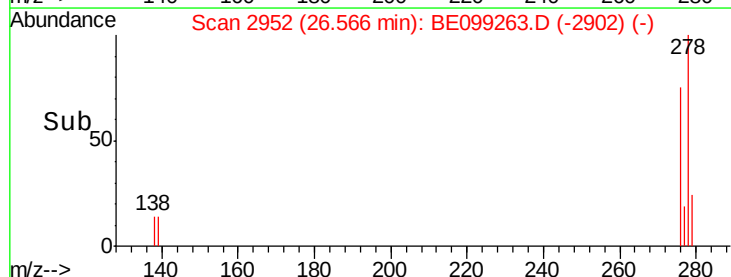
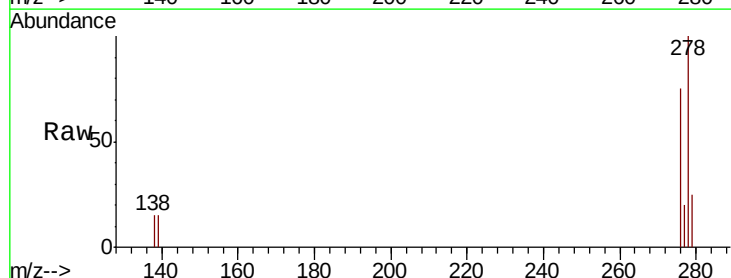
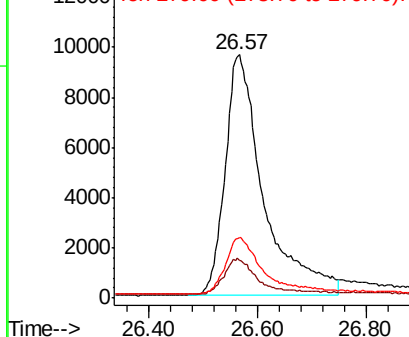
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.5	14.3
279	25.1	19.1	28.7

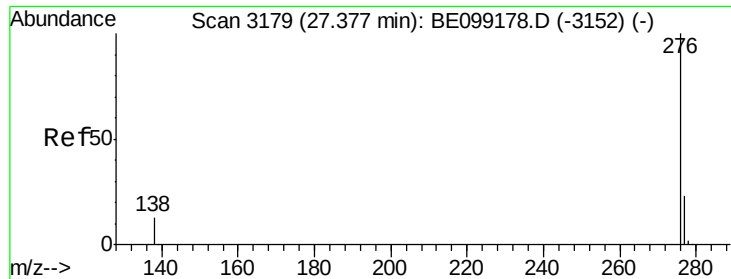
Abundance

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(g,h,i)perylene

Concen: 0.406 ng

RT: 27.36 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BE099263.D

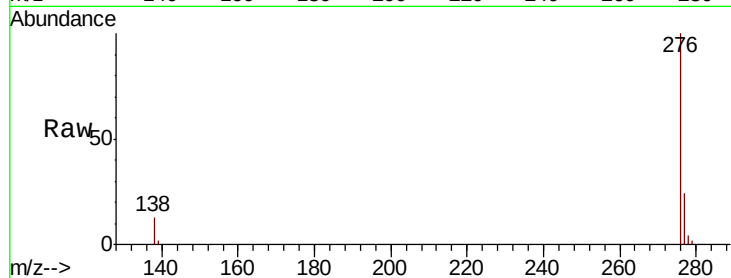
Acq: 29 Mar 2019 20:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:	276	Resp:	46504
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.4
138	12.9	11.1	16.7

Manual Integrations
APPROVED

Sohil
4/1/2019 5:45:15 PM

