

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099216.D
 Acq On : 26 Mar 2019 15:36
 Operator : JU/SJ
 Sample : K2064-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P002-TW001-01MSD

Manual Integrations
 APPROVED

Sohil
 3/28/2019 5:11:28 PM

Quant Time: Mar 28 14:44:05 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	7.84	152	3058	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12078	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9184	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	28944	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	34784	0.40	ng	-0.01
34) Perylene-d12	23.89	264	33591	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	1647	0.18	ng	0.00
5) Phenol-d6	6.99	99	1478	0.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	4103	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9539m	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1765	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	15243	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	161850	0.46	ng	0.00
29) Terphenyl-d14	19.83	244	28086	0.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	1157	0.287	ng	# 33
3) n-Nitrosodimethylamine	3.68	42	406	0.180	ng	# 73
6) bis(2-Chloroethyl)ether	7.26	93	4187	0.382	ng	98
9) Naphthalene	10.68	128	56766	0.399	ng	100
10) Hexachlorobutadiene	10.95	225	2817	0.371	ng	97
12) 2-Methylnaphthalene	12.29	142	10079	0.396	ng	99
16) Acenaphthylene	14.20	152	17980	0.384	ng	99
17) Acenaphthene	14.54	154	11124	0.397	ng	99
18) Fluorene	15.51	166	17043	0.433	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	6553	0.351	ng	# 74
21) Hexachlorobenzene	16.51	284	6215	0.344	ng	99
22) Pentachlorophenol	16.85	266	4815	1.737	ng	88
23) Phenanthrene	17.24	178	34188	0.402	ng	100
24) Anthracene	17.34	178	31083	0.405	ng	99
26) Fluoranthene	19.27	202	45696	0.421	ng	100
28) Pyrene	19.63	202	53210	0.460	ng	99
30) Benzo(a)anthracene	21.37	228	47054	0.410	ng	99
31) Chrysene	21.42	228	48163	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	78763	0.575	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	41547	0.358	ng	98
35) Benzo(b)fluoranthene	23.12	252	42046	0.380	ng	98
36) Benzo(k)fluoranthene	23.17	252	47038	0.403	ng	100
37) Benzo(a)pyrene	23.78	252	42837	0.415	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	35009	0.382	ng	99
39) Benzo(g,h,i)perylene	27.36	276	32611	0.355	ng	96

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

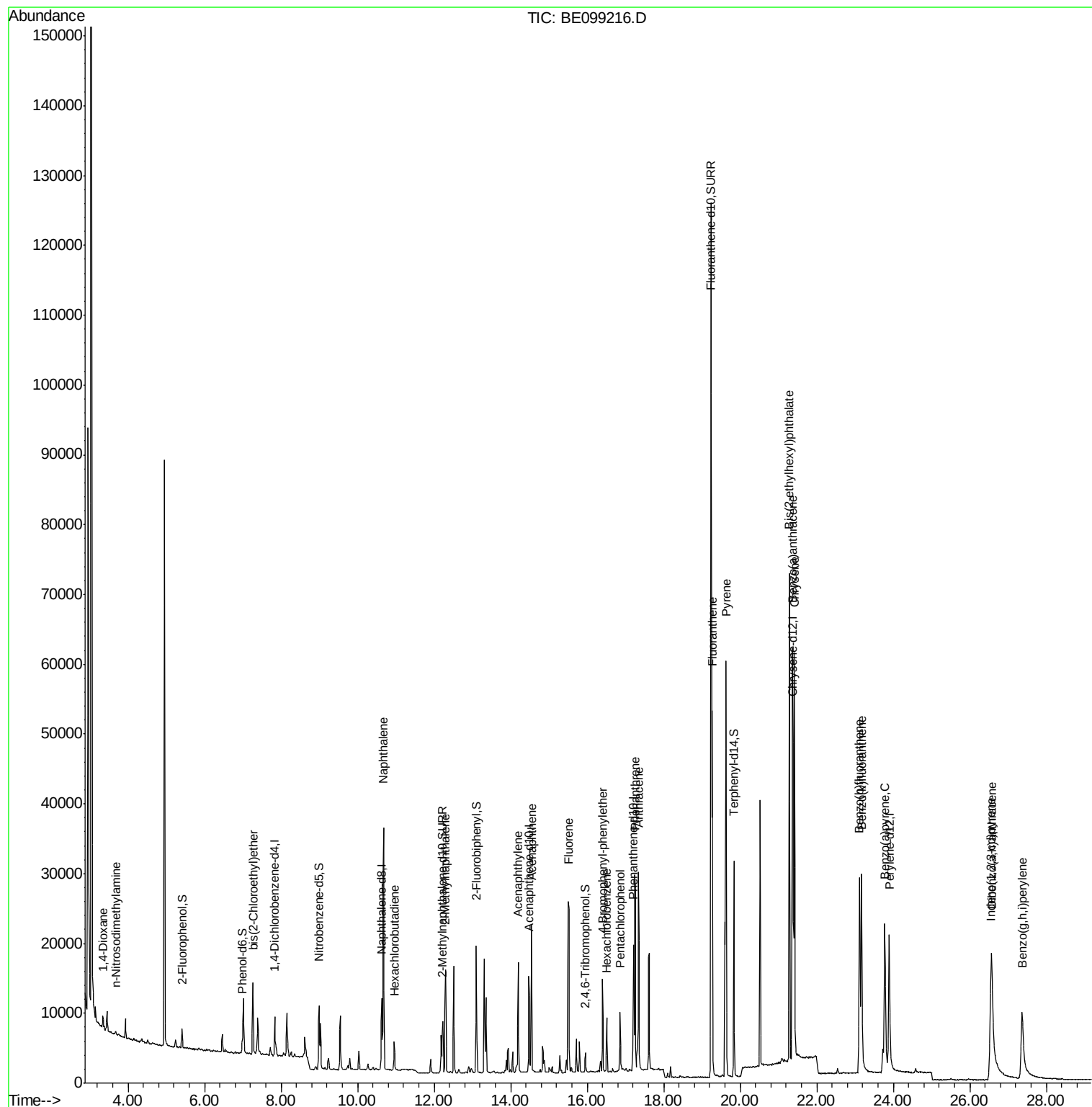
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099216.D
Acq On : 26 Mar 2019 15:36
Operator : JU/SJ
Sample : K2064-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

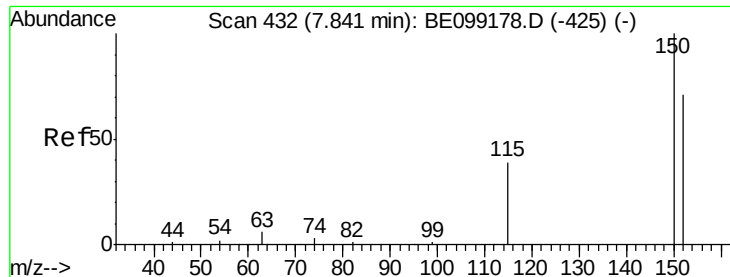
Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM

Quant Time: Mar 28 14:44:05 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: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

ClientSampleId :

P002-TW001-01MSD

Tot Ion:152 Resp: 3058

Ion Ratio Lower Upper

152 100

150 147.6 112.8 169.2

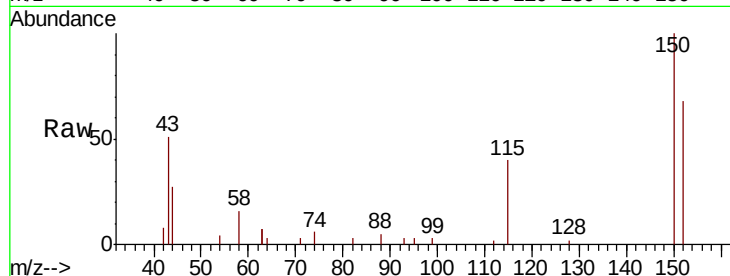
115 58.9 45.1 67.7

Manual Integrations

APPROVED

Sohil

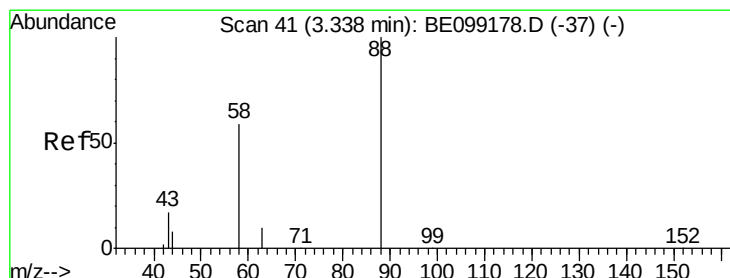
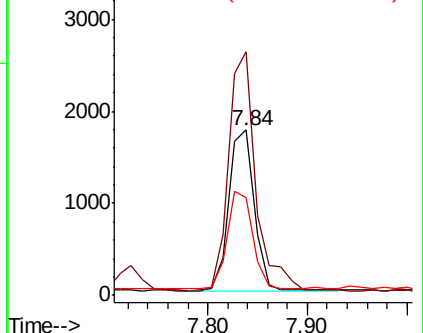
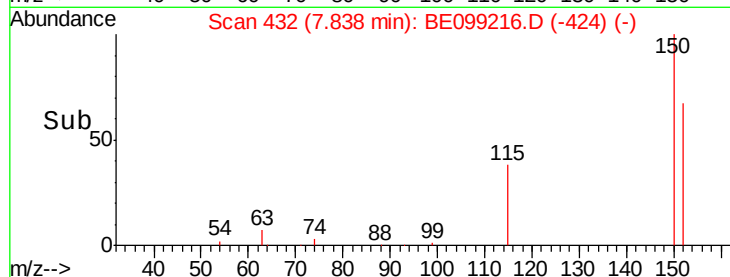
3/28/2019 5:11:28 PM



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: 0.287 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

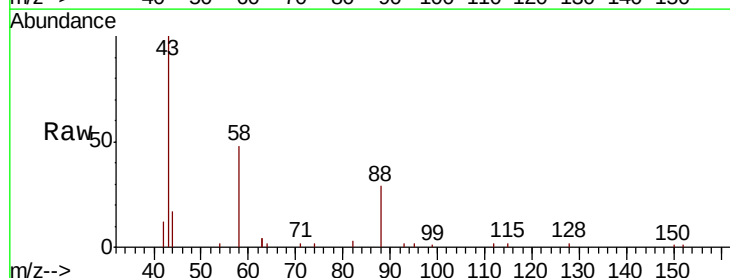
Tgt Ion: 88 Resp: 1157

Ion Ratio Lower Upper

88 100

58 93.6 47.4 71.0#

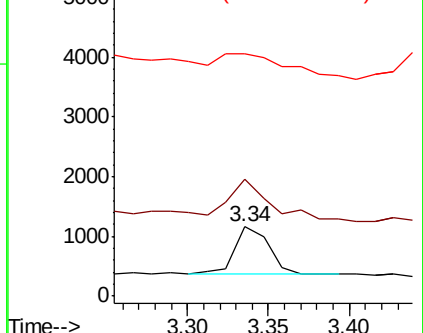
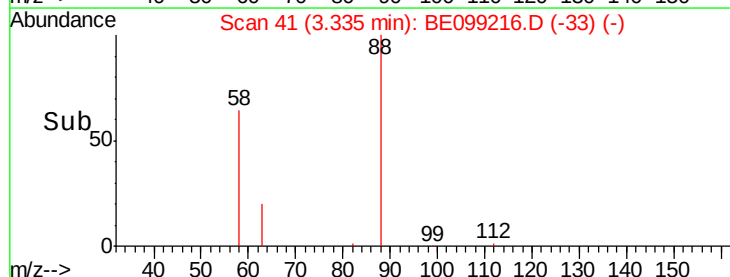
43 79.9 15.6 23.4#

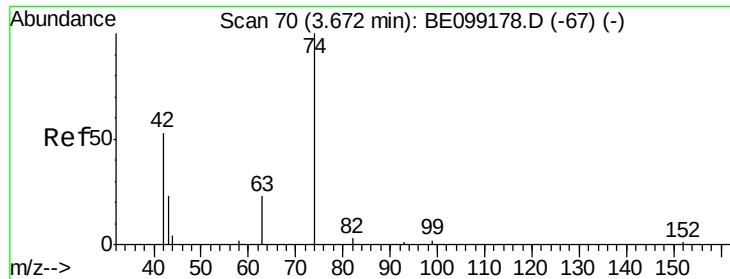


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.180 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

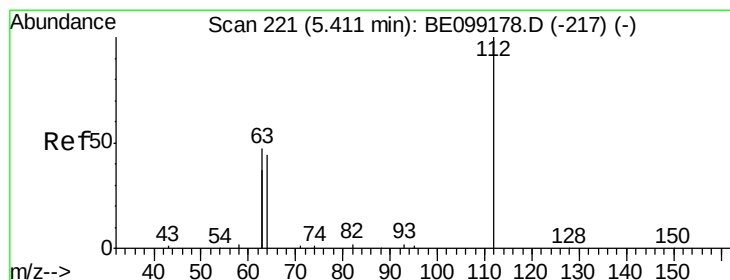
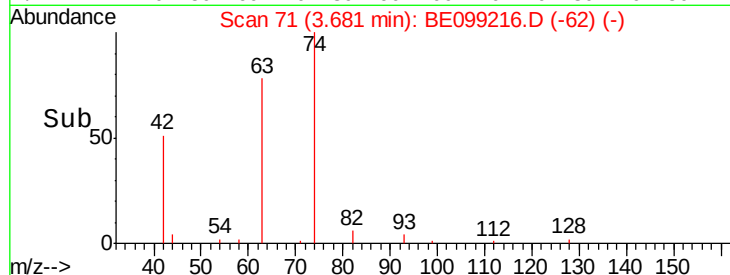
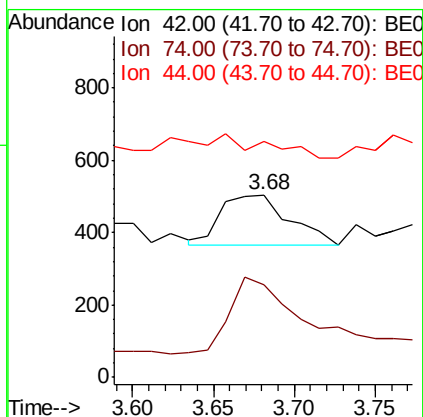
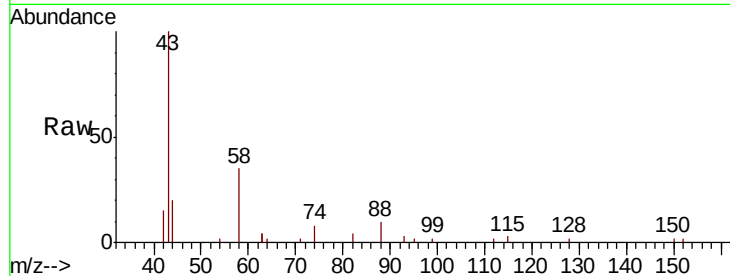
ClientSampleId :

P002-TW001-01MSD

Tot Ion:	42	Resp:	406
Ion	Ratio	Lower	Upper
42	100		
74	137.9	138.6	207.8#
44	0.0	15.0	22.6#

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM



#4

2-Fluorophenol

Concen: 0.180 ng

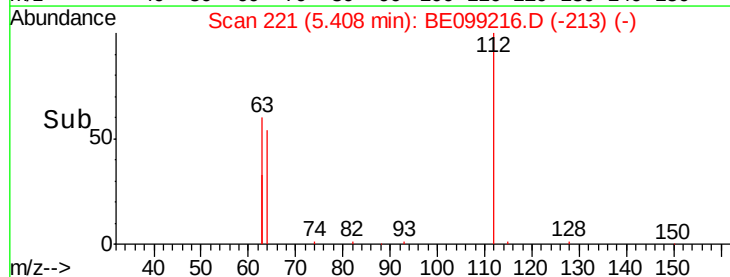
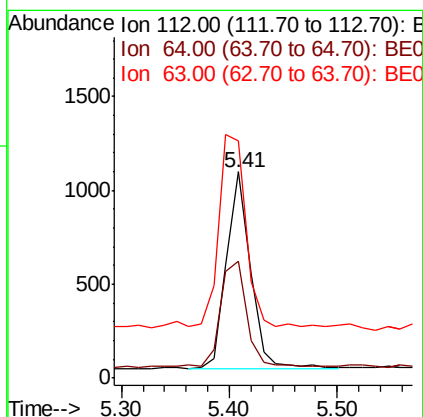
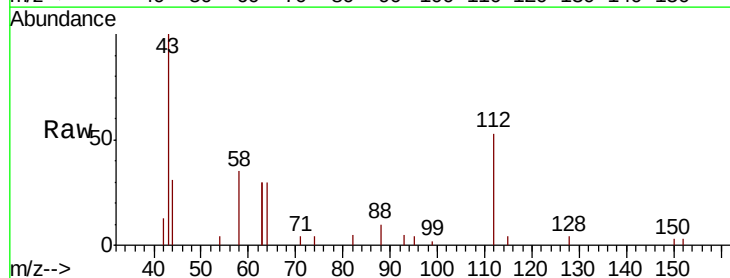
RT: 5.41 min Scan# 221

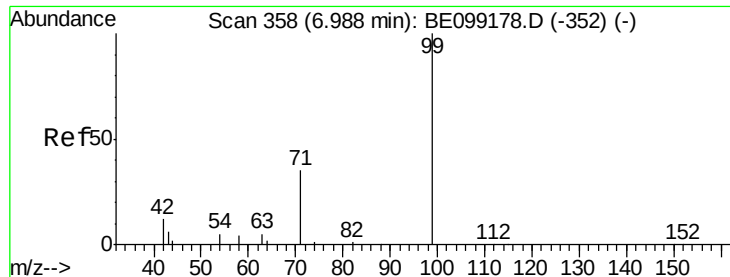
Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Tgt Ion:	112	Resp:	1647
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.2	69.2
63	113.4	89.9	134.9





#5

Phenol-d6

Concen: 0.106 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

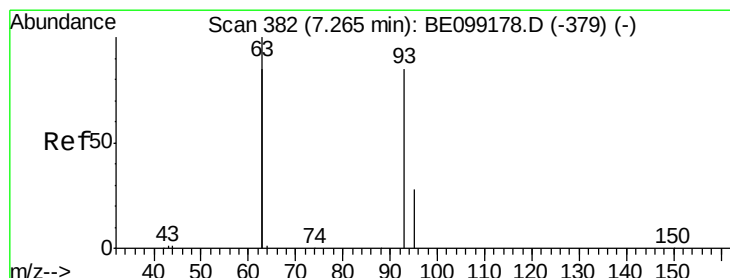
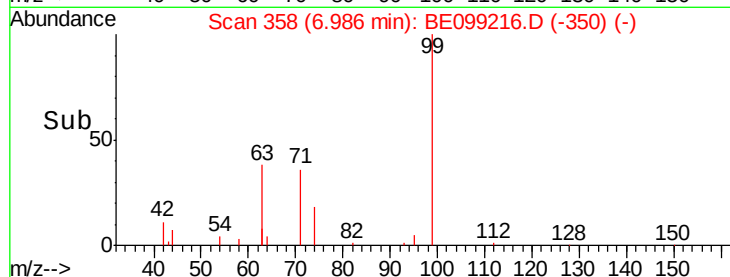
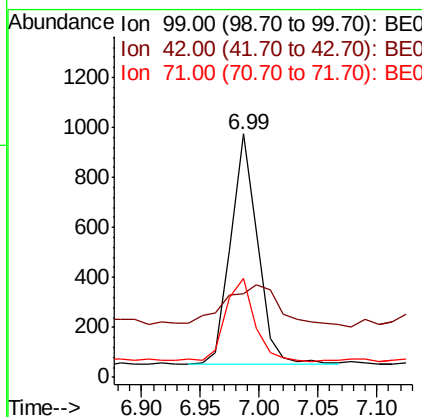
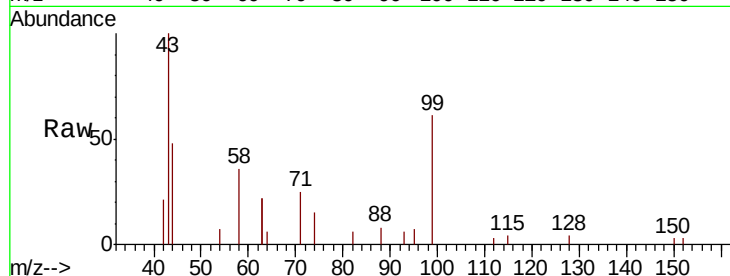
ClientSampleId :

P002-TW001-01MSD

Tot Ion:	99	Resp:	1478
Ion	Ratio	Lower	Upper
99	100		
42	38.2	12.4	18.6#
71	38.2	28.4	42.6

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

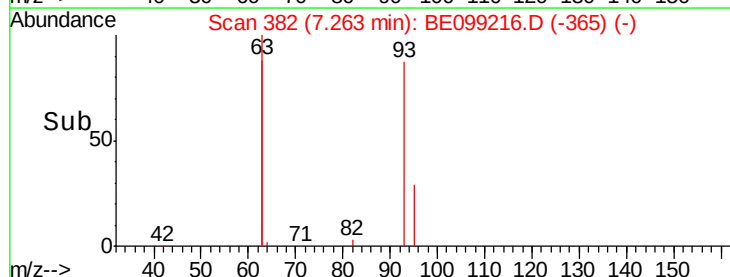
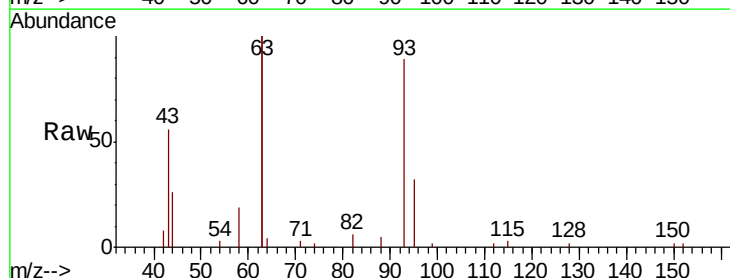
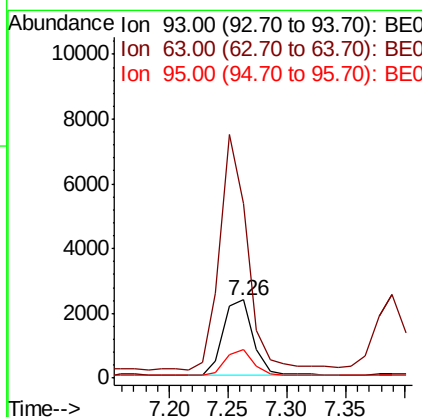
RT: 7.26 min Scan# 382

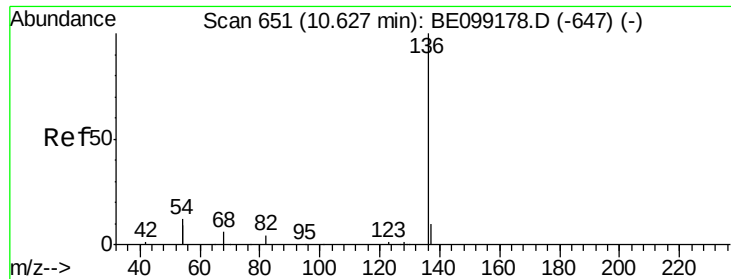
Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Tgt Ion:	93	Resp:	4187
Ion	Ratio	Lower	Upper
93	100		
63	281.6	221.4	332.0
95	32.6	25.8	38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

ClientSampleId :

P002-TW001-01MSD

Tot Ion:136 Resp: 12078

Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

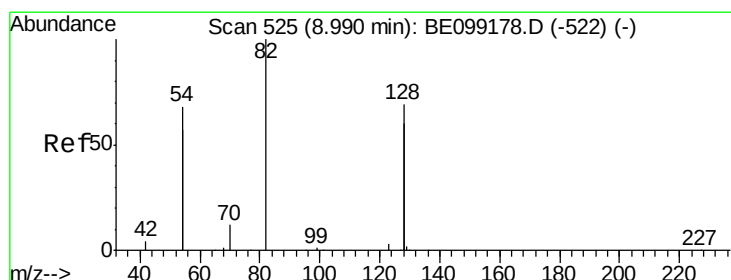
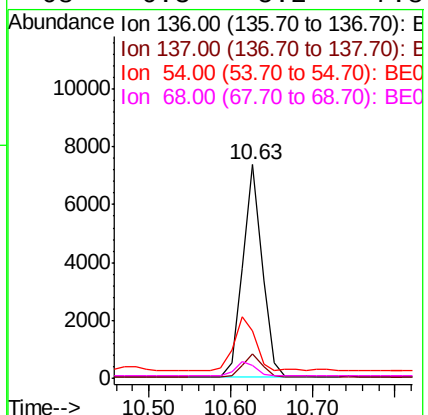
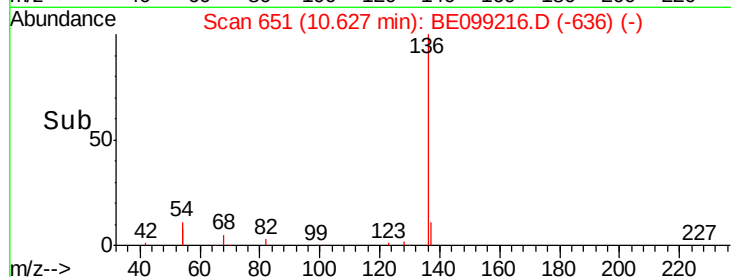
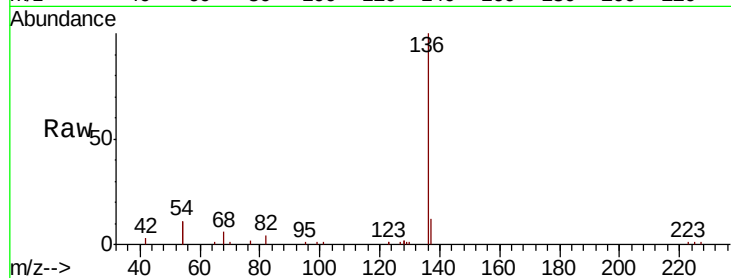
54 21.9 18.7 28.1

68 6.3 5.2 7.8

Manual Integrations
APPROVED

Sohil

3/28/2019 5:11:28 PM



#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

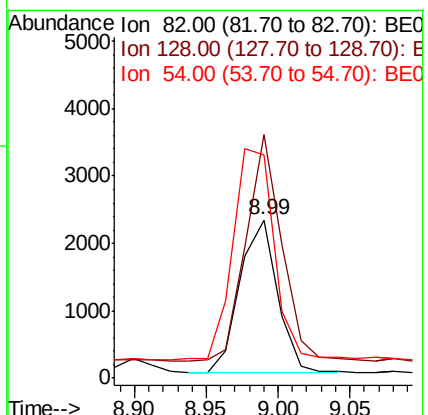
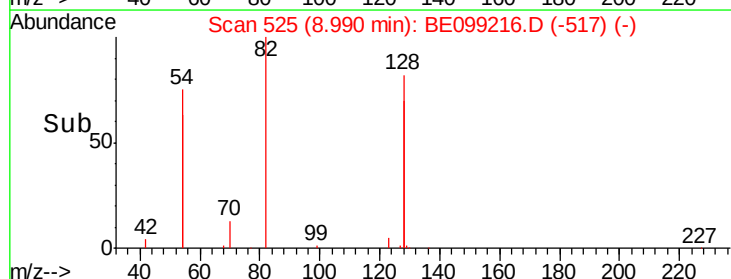
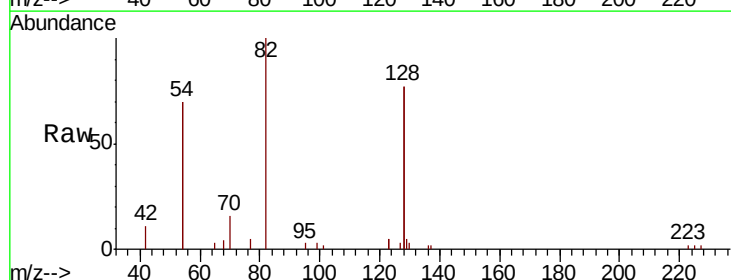
Tgt Ion: 82 Resp: 4103

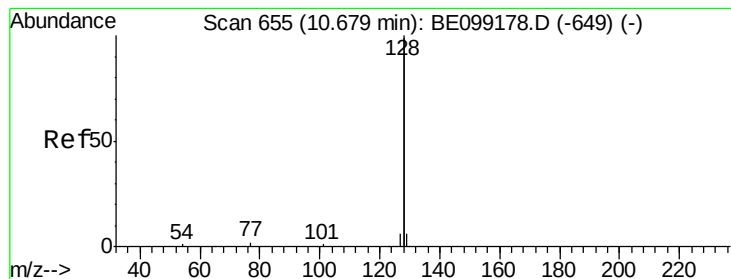
Ion Ratio Lower Upper

82 100

128 153.7 107.5 161.3

54 140.8 106.3 159.5





#9

Naphthalene

Concen: 0.399 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

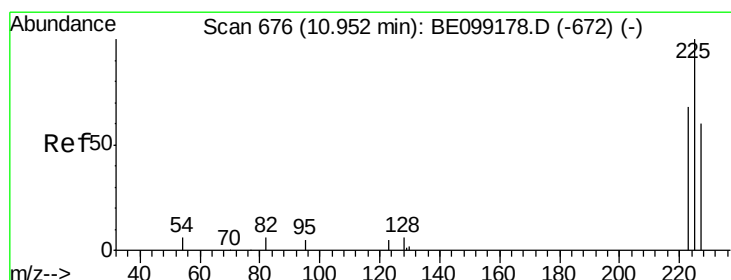
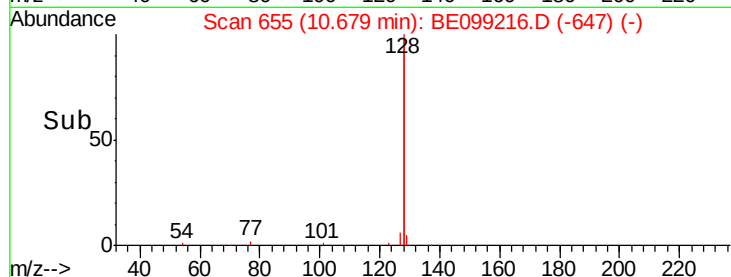
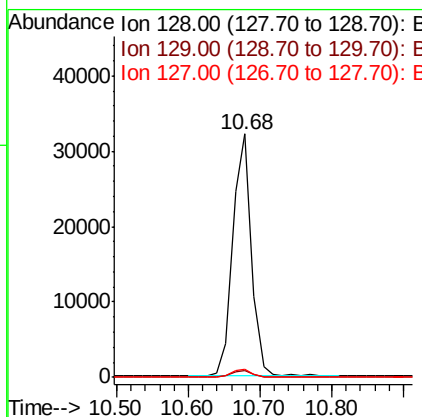
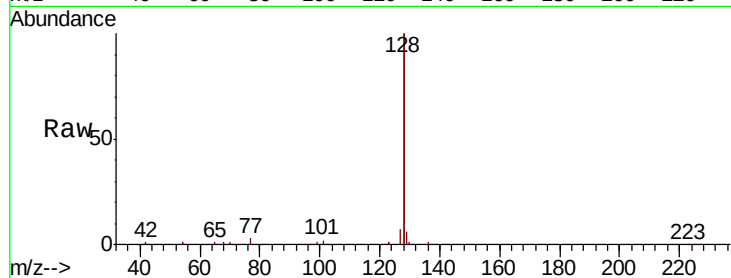
ClientSampleId :

P002-TW001-01MSD

Tot Ion:128	Resp:	56766
Ion Ratio	Lower	Upper
128 100		
129 2.8	2.3	3.5
127 3.4	2.6	3.8

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM



#10

Hexachlorobutadiene

Concen: 0.371 ng

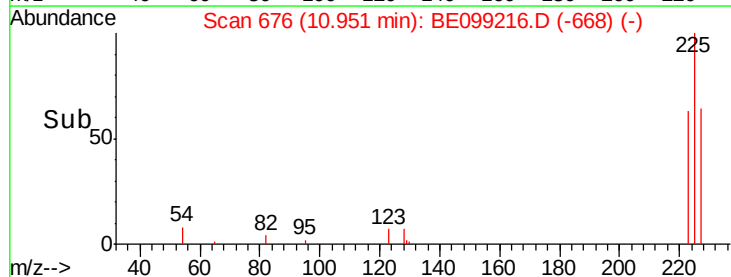
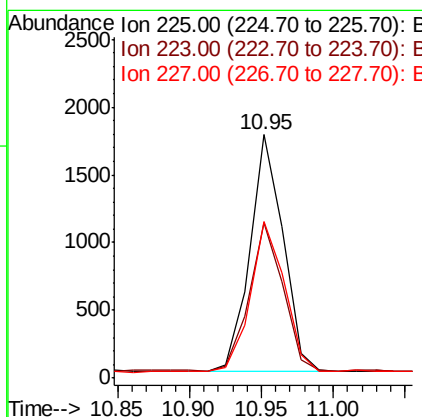
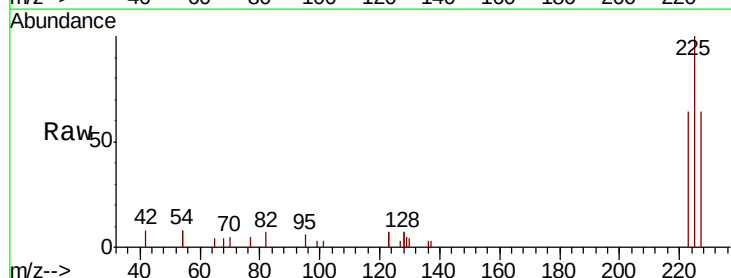
RT: 10.95 min Scan# 676

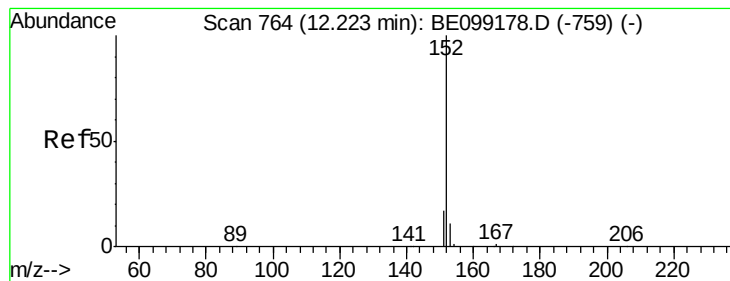
Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Tgt Ion:225	Resp:	2817
Ion Ratio	Lower	Upper
225 100		
223 63.2	51.3	76.9
227 65.1	48.6	73.0





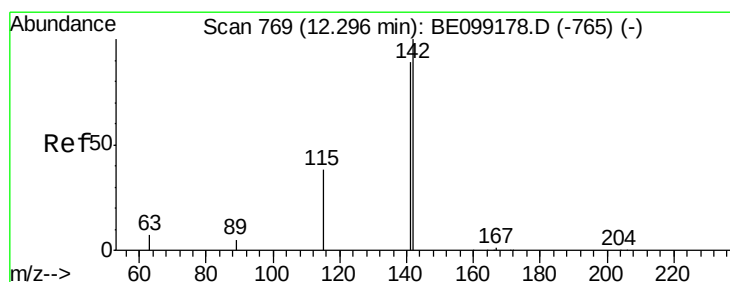
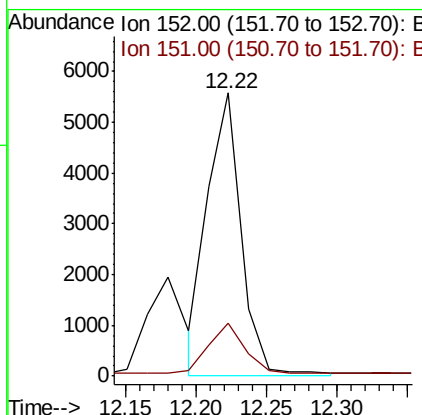
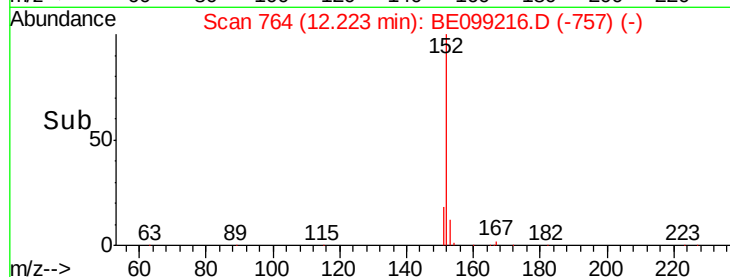
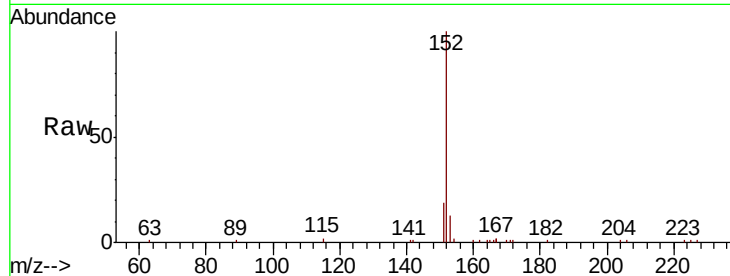
#11
 2-Methylnaphthalene-d10
 Concen: 0.410 ng m
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099216.D
 Acq: 26 Mar 2019 15:36

Instrument :
 BNA_E
 ClientSampleId :
 P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.6

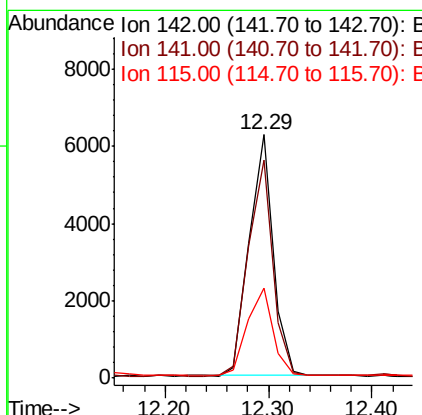
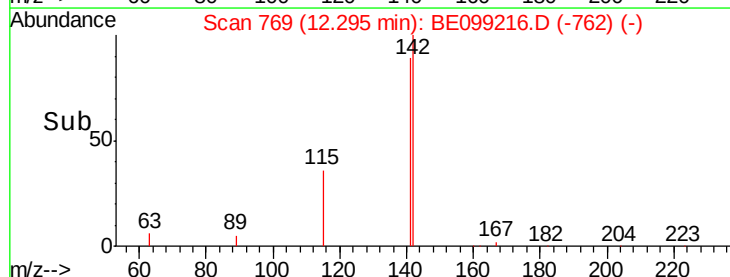
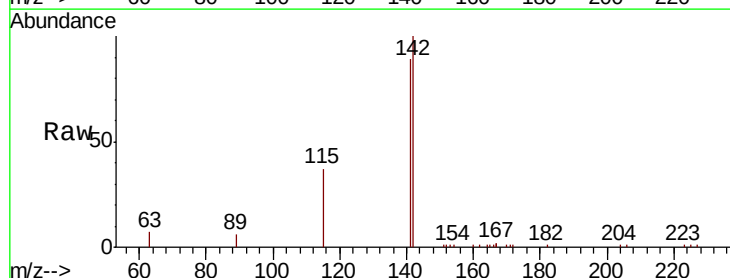
Manual Integrations
 APPROVED

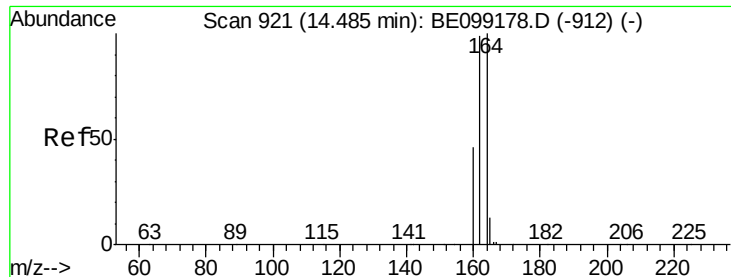
Sohil
 3/28/2019 5:11:28 PM



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099216.D
 Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	36.8	30.4	45.6





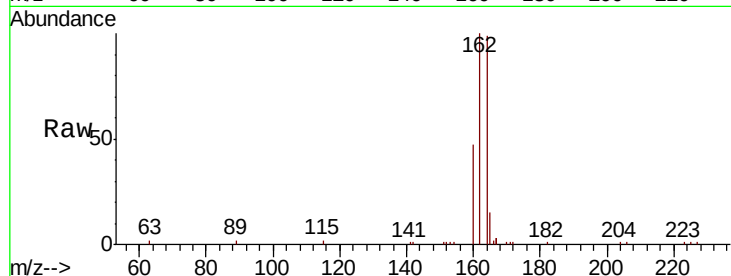
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

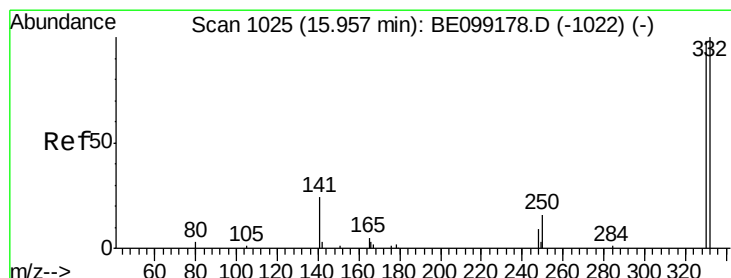
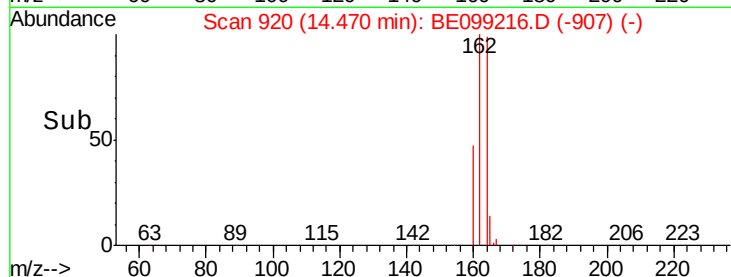
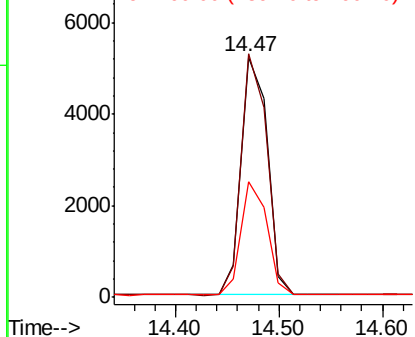
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.2	118.8
160	48.0	36.7	55.1

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM



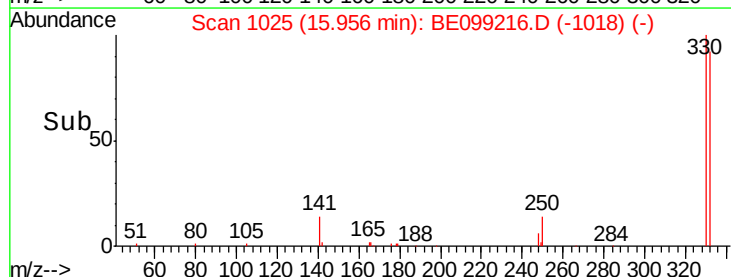
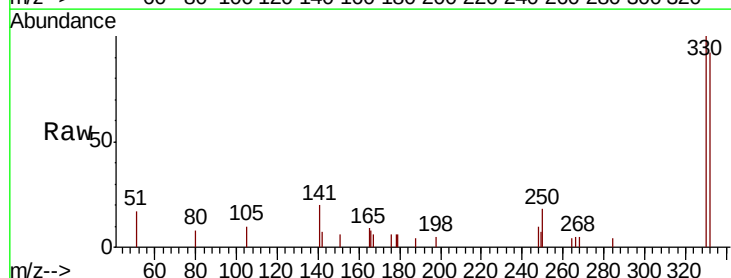
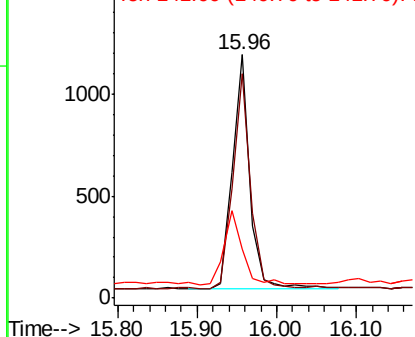
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

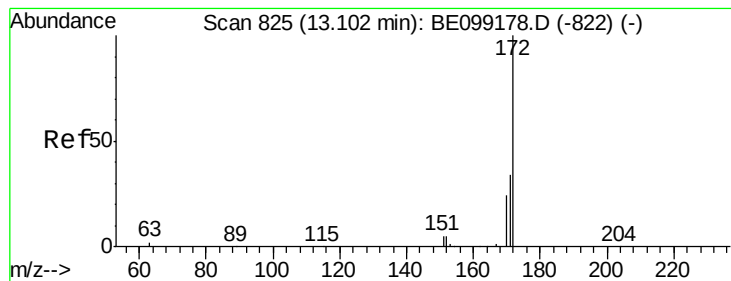


#14
2,4,6-Tribromophenol
Concen: 0.565 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.5	71.3	106.9
141	34.8	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





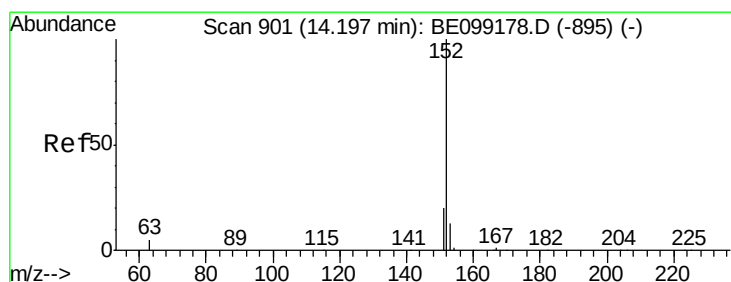
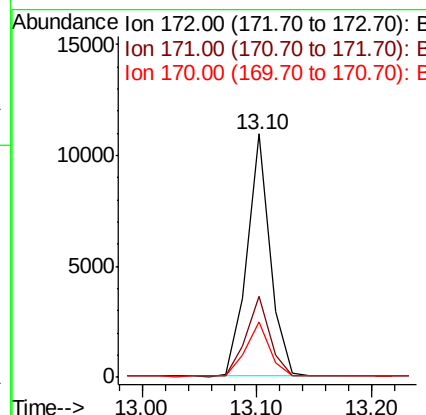
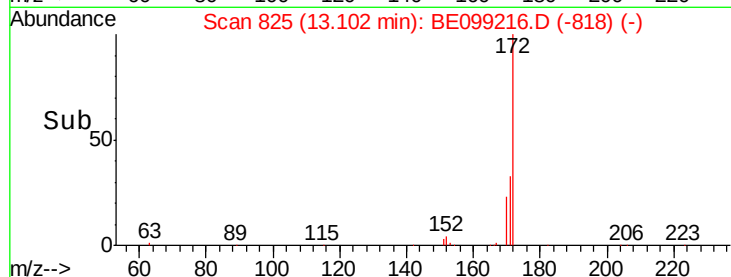
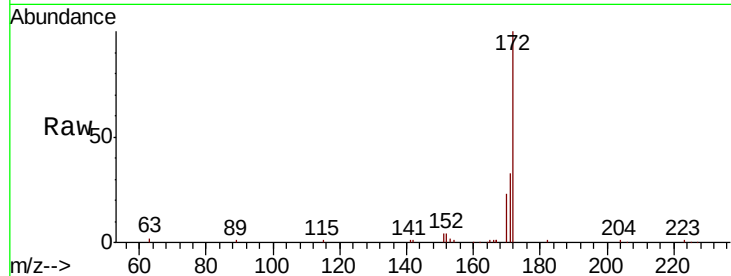
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	23.0	19.1	28.7

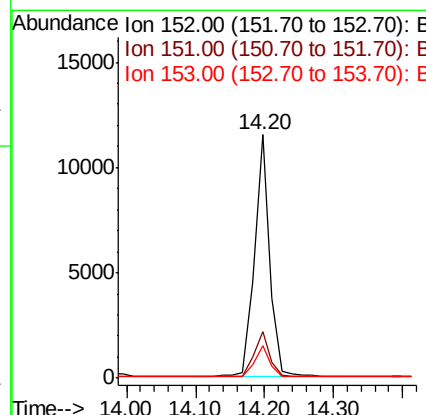
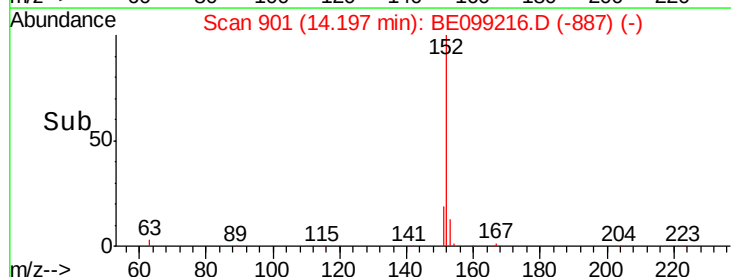
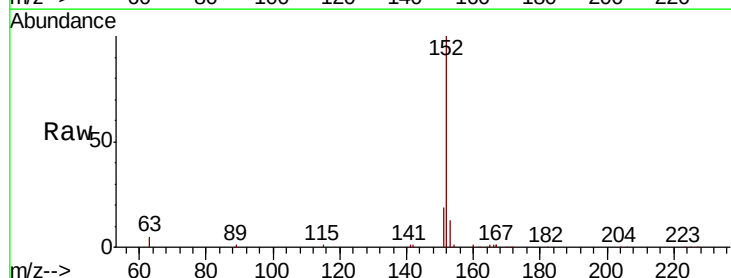
Manual Integrations
APPROVED

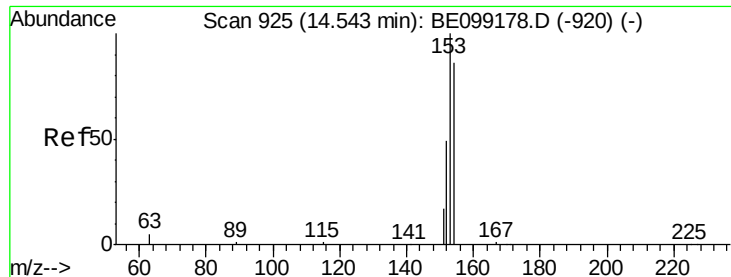
Sohil
3/28/2019 5:11:28 PM



#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.3	10.6	15.8





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

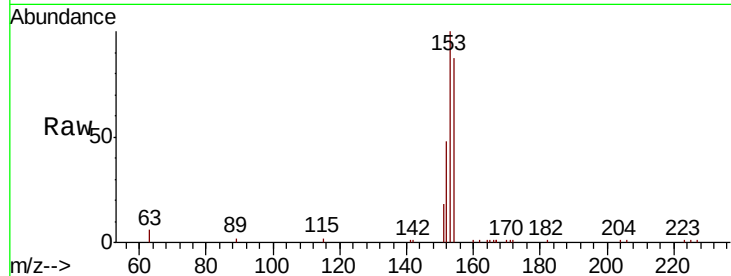
ClientSampleId :

P002-TW001-01MSD

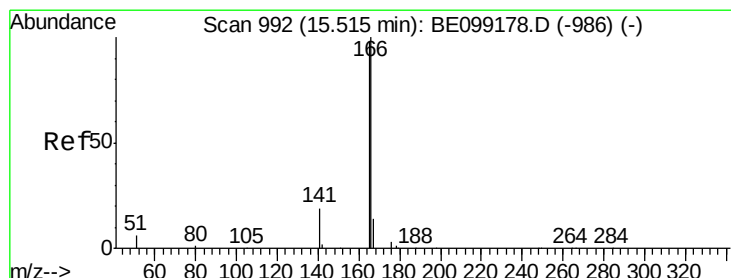
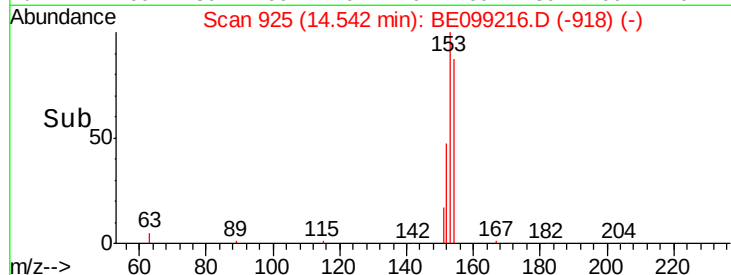
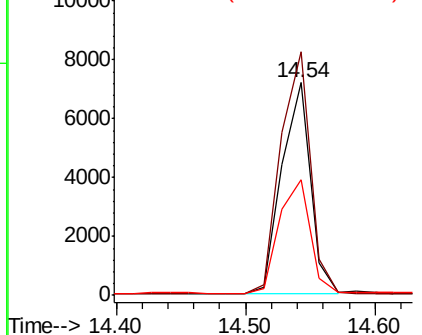
Tot Ion:	154	Resp:	11124
Ion Ratio	Lower	Upper	
154	100		
153	118.3	93.4	140.0
152	58.0	46.6	69.8

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 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: 0.433 ng

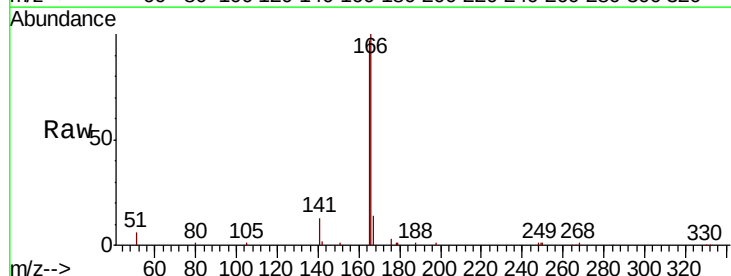
RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

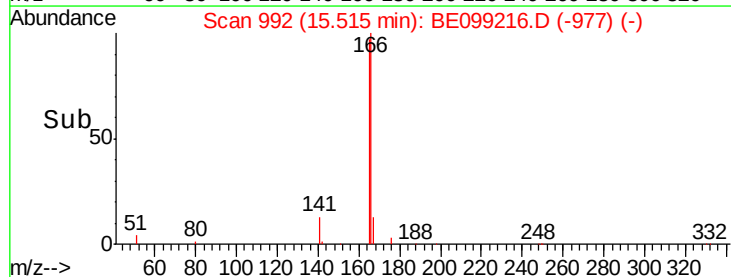
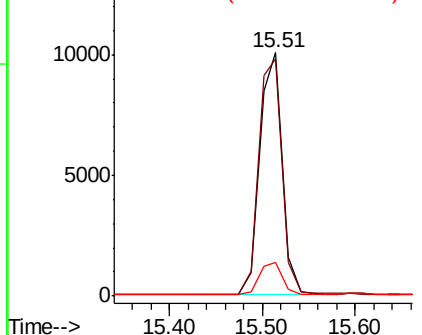
Lab File: BE099216.D

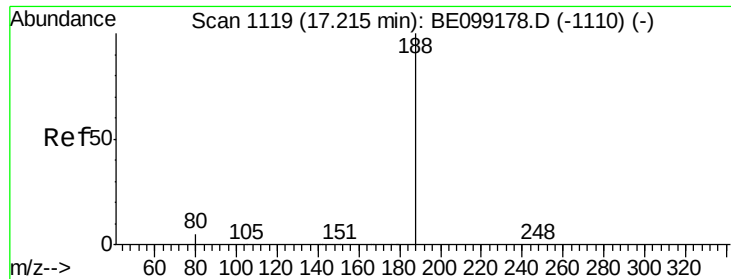
Acq: 26 Mar 2019 15:36

Tgt Ion:	166	Resp:	17043
Ion Ratio	Lower	Upper	
166	100		
165	100.4	78.9	118.3
167	13.4	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





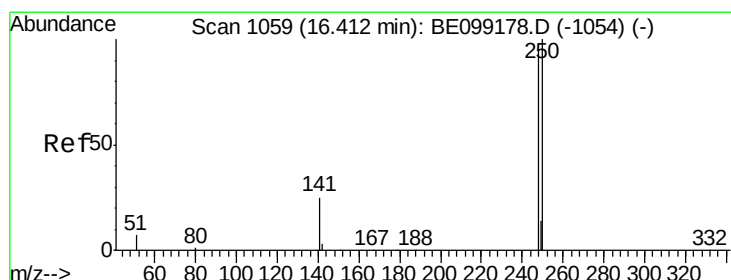
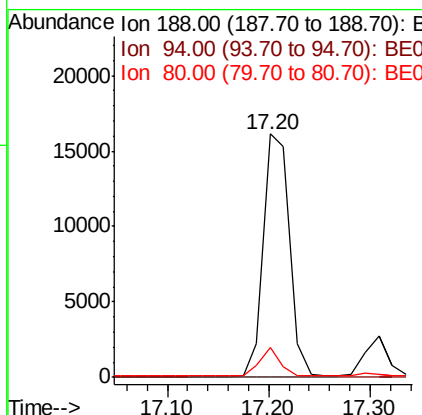
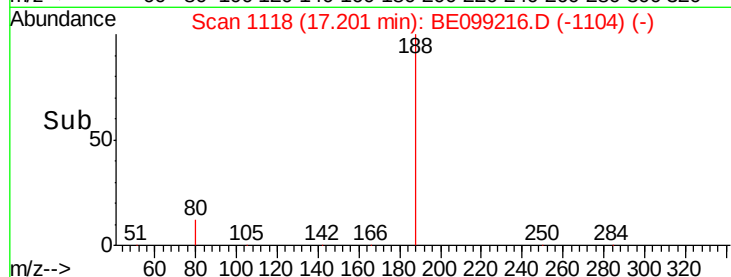
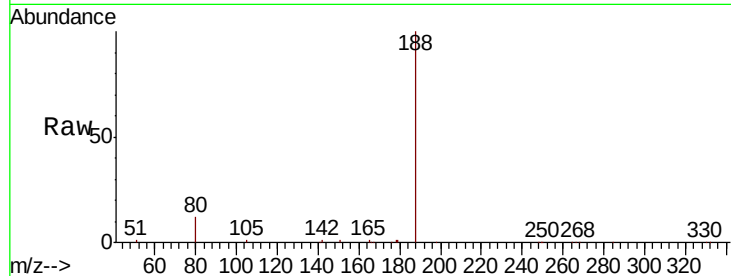
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	4.5	6.7#

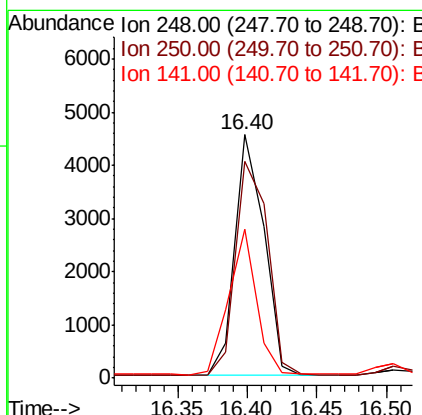
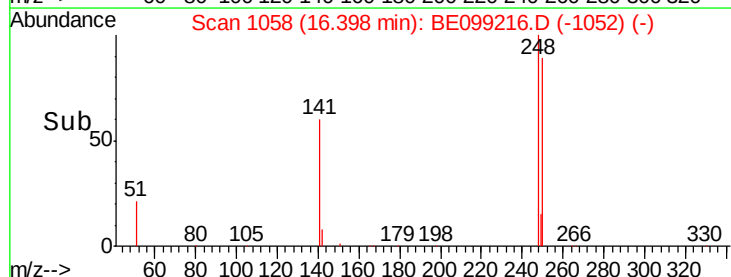
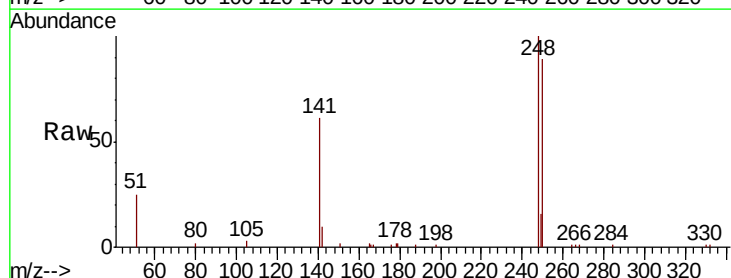
Manual Integrations
APPROVED

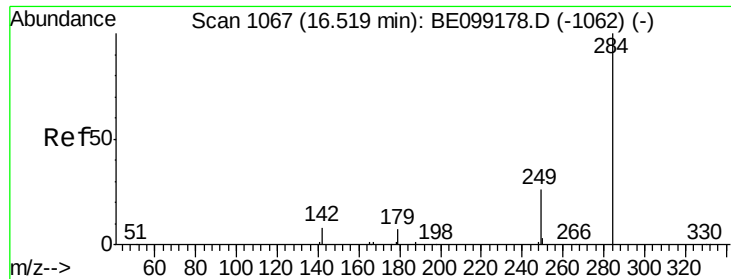
Sohil
3/28/2019 5:11:28 PM



#20
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	89.1	84.2	126.2
141	61.3	21.8	32.6#





#21

Hexachlorobenzene

Concen: 0.344 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

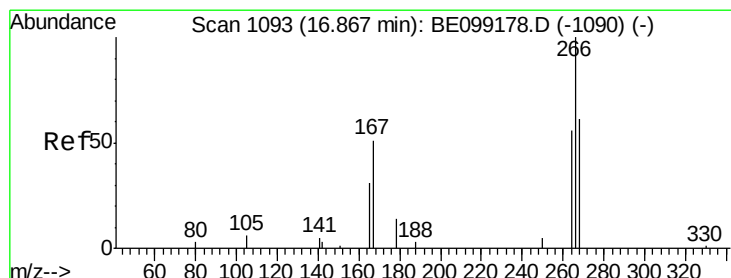
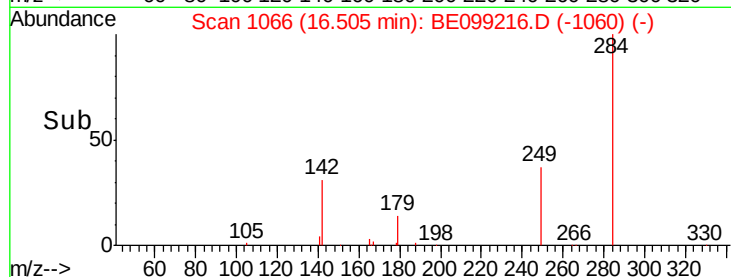
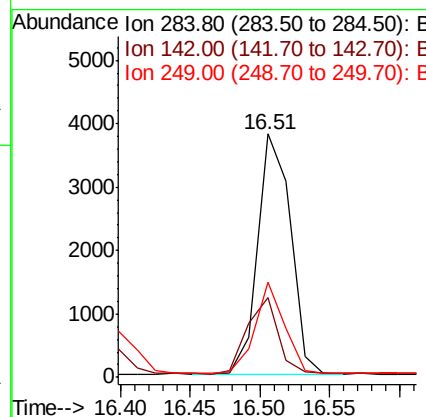
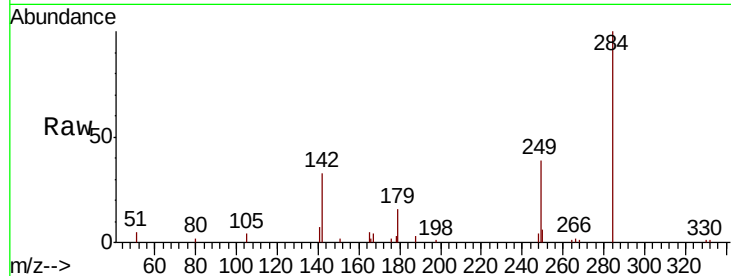
ClientSampleId :

P002-TW001-01MSD

Tot Ion:	284	Resp:	6215
Ion Ratio	Lower	Upper	
284	100		
142	28.9	22.7	34.1
249	33.9	26.9	40.3

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM



#22

Pentachlorophenol

Concen: 1.737 ng

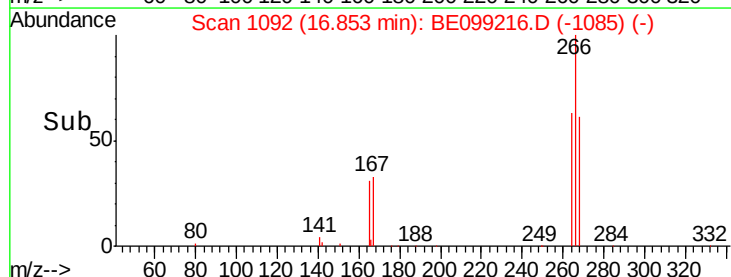
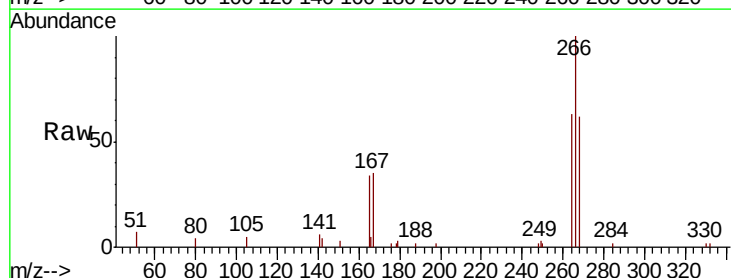
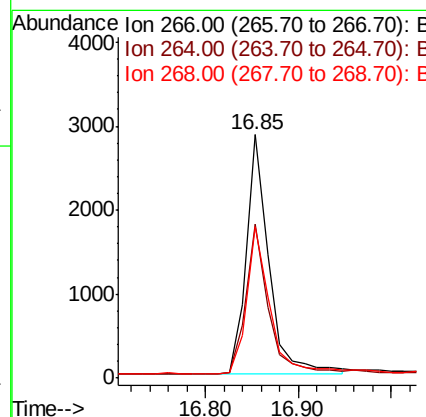
RT: 16.85 min Scan# 1092

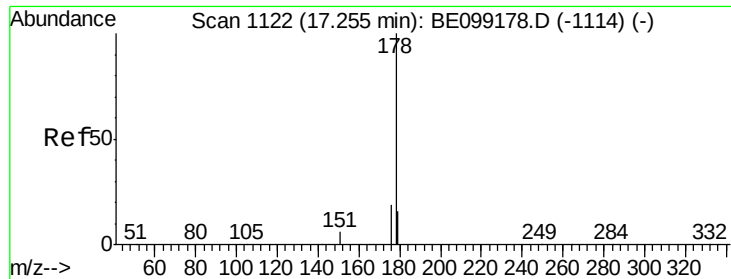
Delta R.T. -0.01 min

Lab File: BE099216.D

Acq: 26 Mar 2019 15:36

Tgt Ion:	266	Resp:	4815
Ion Ratio	Lower	Upper	
266	100		
264	63.2	54.4	81.6
268	62.1	61.3	91.9





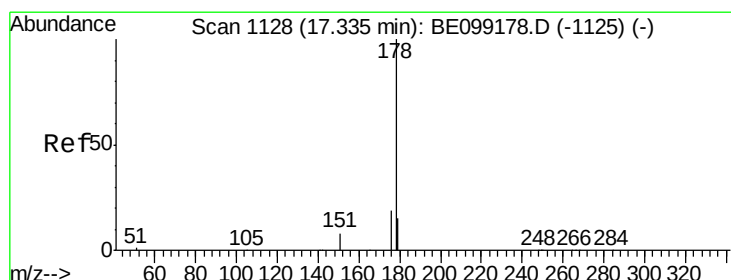
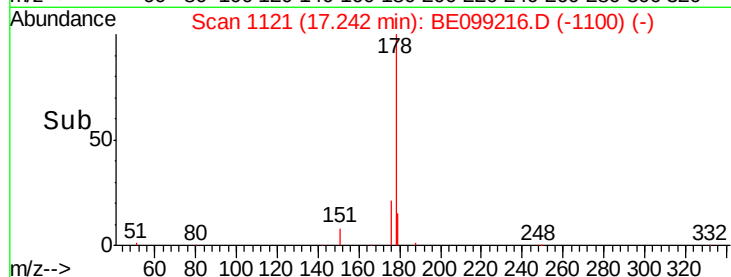
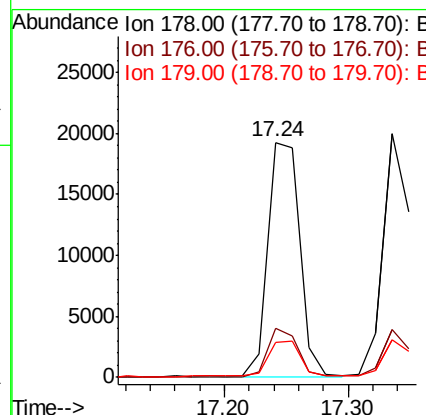
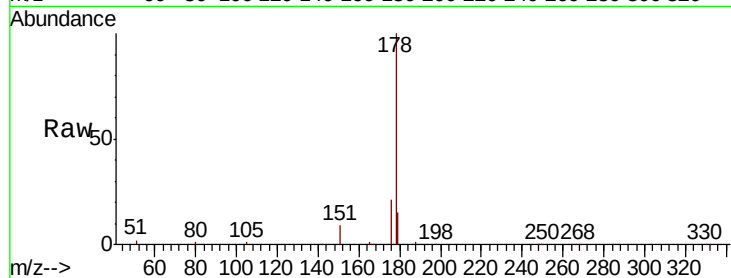
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.3	18.5

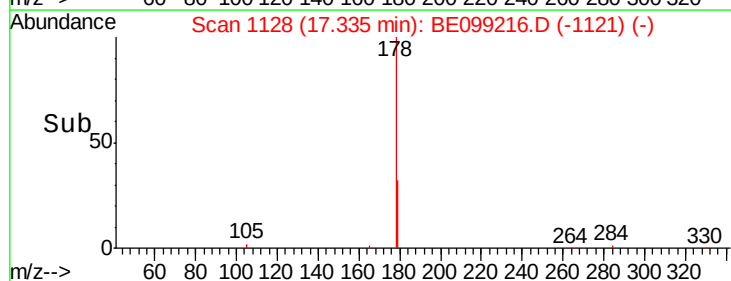
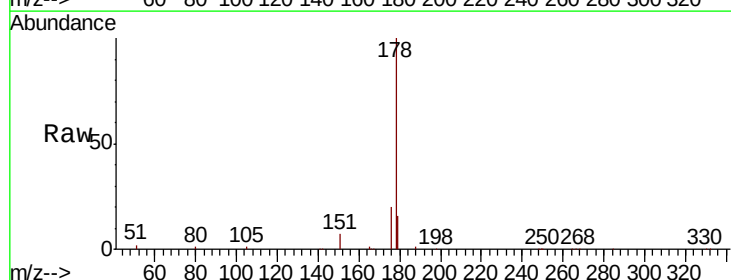
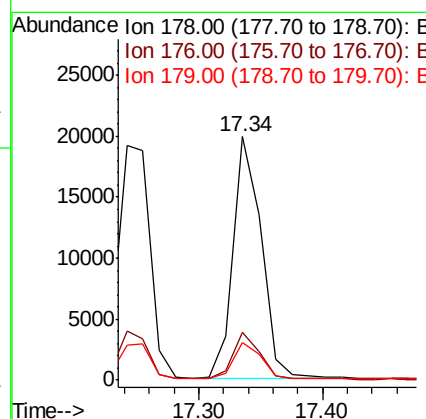
Manual Integrations
APPROVED

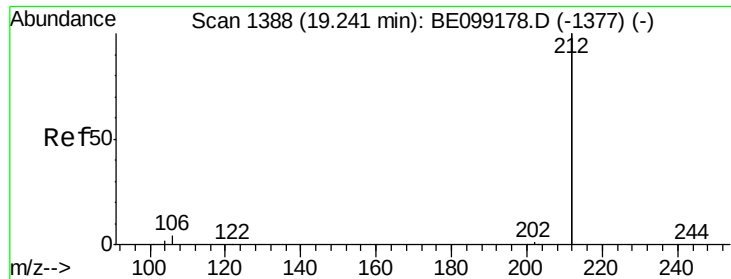
Sohil
3/28/2019 5:11:28 PM



#24
Anthracene
Concen: 0.405 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	12.4	18.6





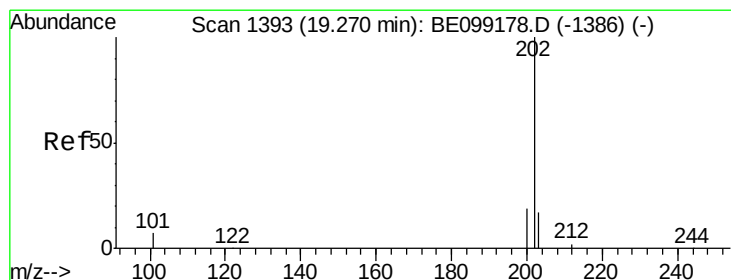
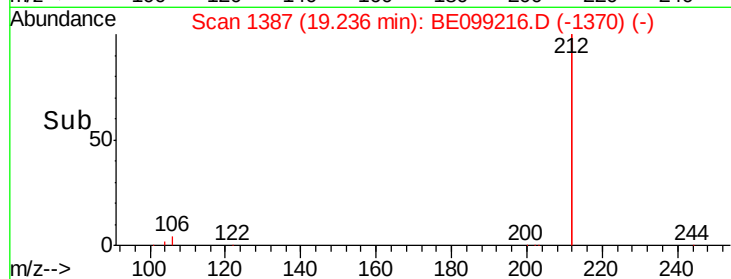
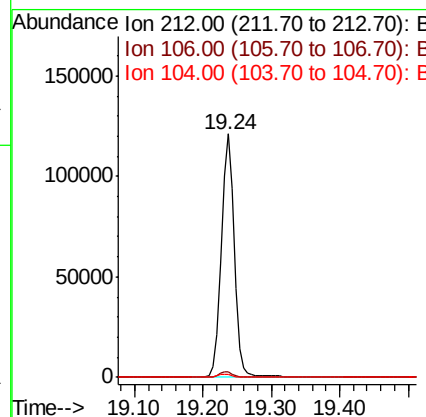
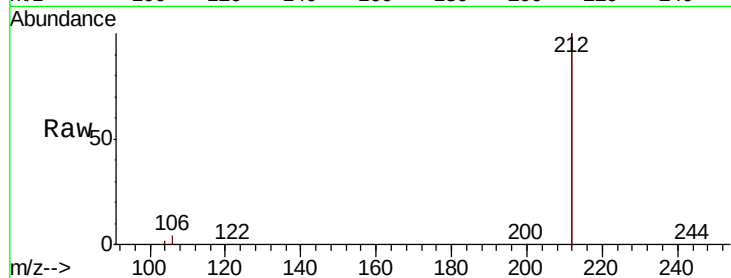
#25
 Fluoranthene-d10
 Concen: 0.461 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BE099216.D
 Acq: 26 Mar 2019 15:36

Instrument :
 BNA_E
 ClientSampleId :
 P002-TW001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
212	100				
106	2.3	1.8	2.8		
104	1.3	1.1	1.7		

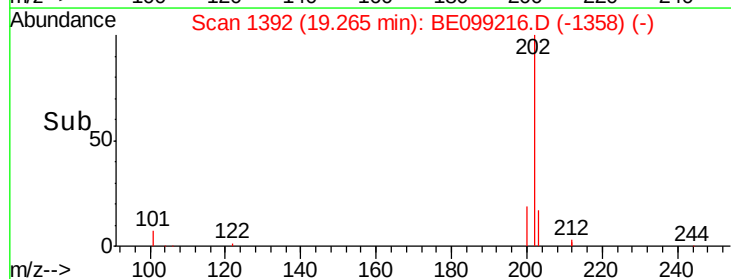
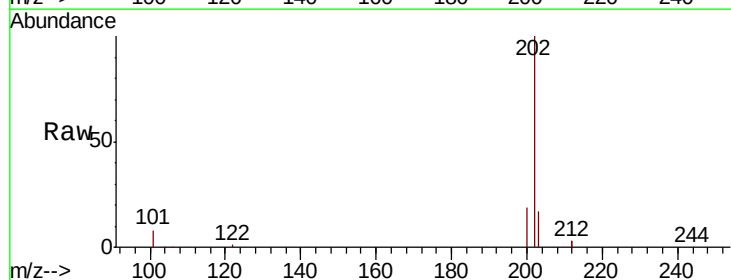
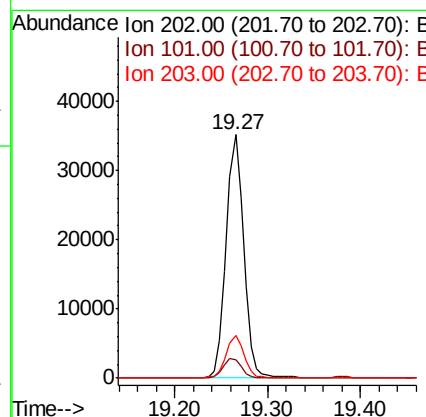
Manual Integrations
 APPROVED

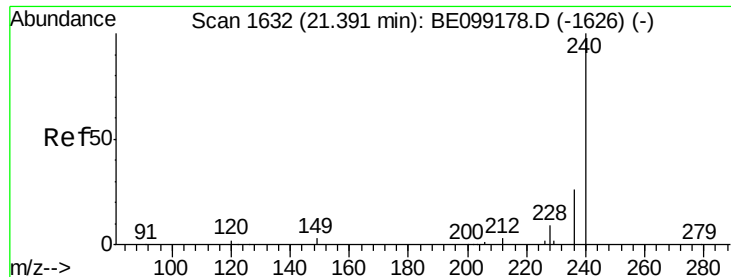
Sohil
 3/28/2019 5:11:28 PM



#26
 Fluoranthene
 Concen: 0.421 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099216.D
 Acq: 26 Mar 2019 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.4	7.0	10.4		
203	17.3	13.8	20.6		





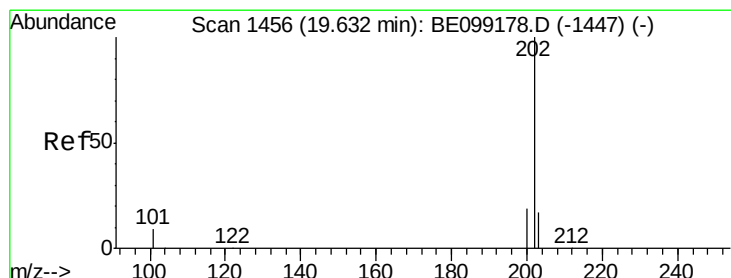
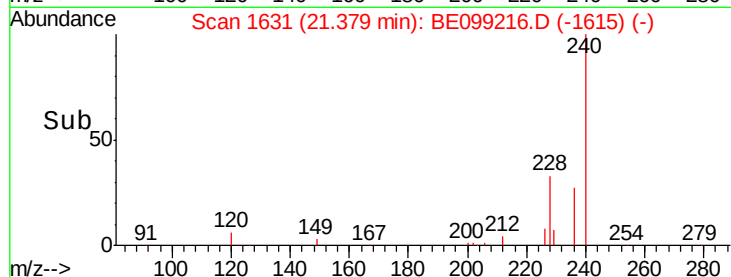
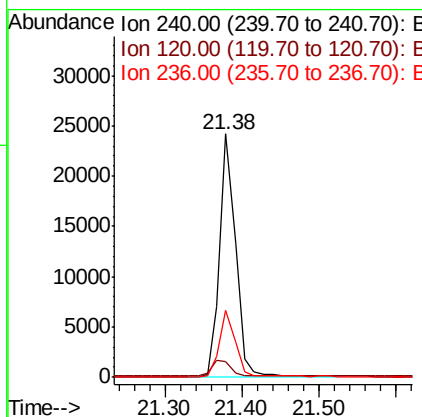
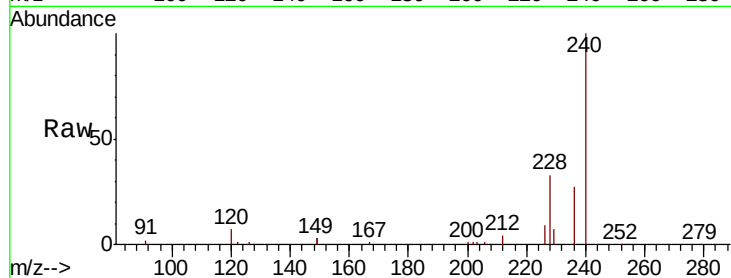
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	2.6	3.8#
236	27.4	20.9	31.3

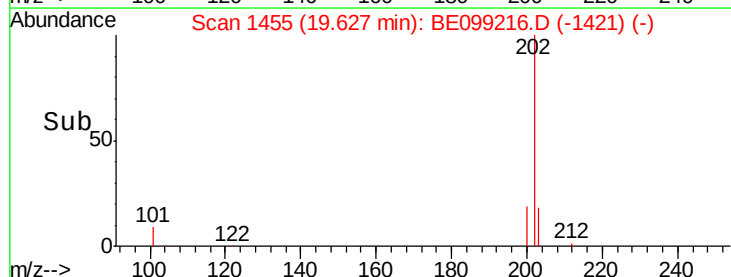
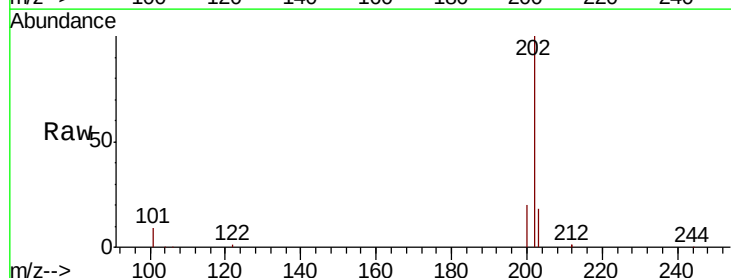
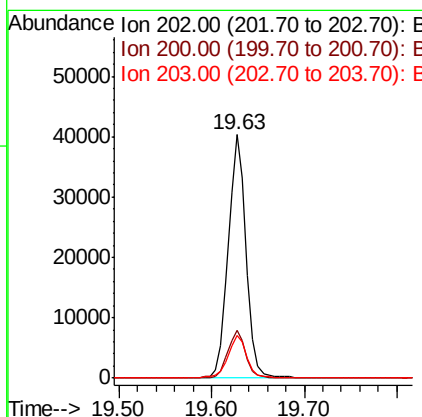
Manual Integrations
APPROVED

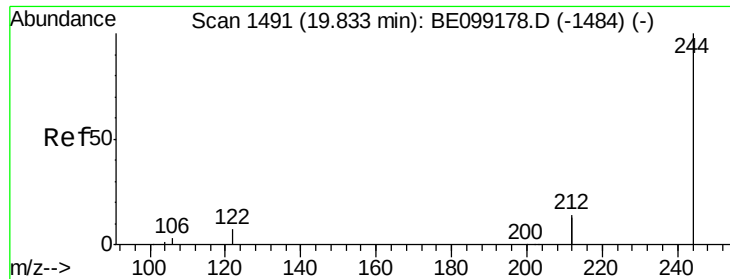
Sohil
3/28/2019 5:11:28 PM



#28
Pyrene
Concen: 0.460 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.8	23.8
203	18.0	14.1	21.1





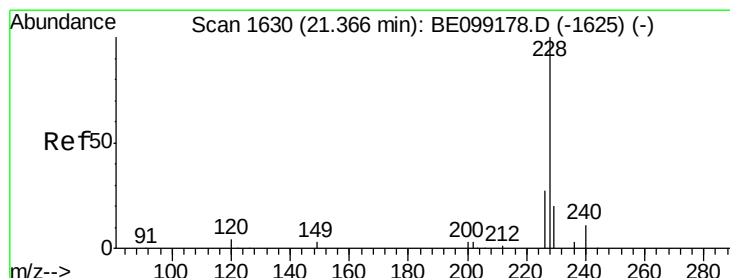
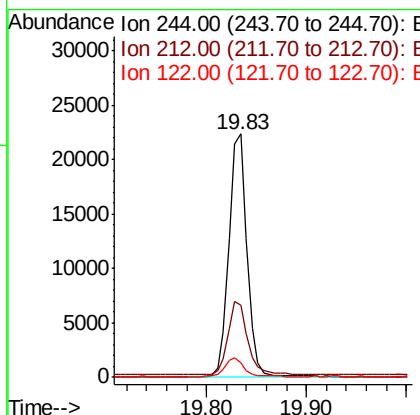
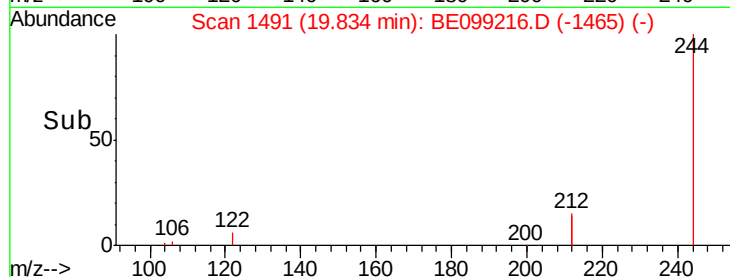
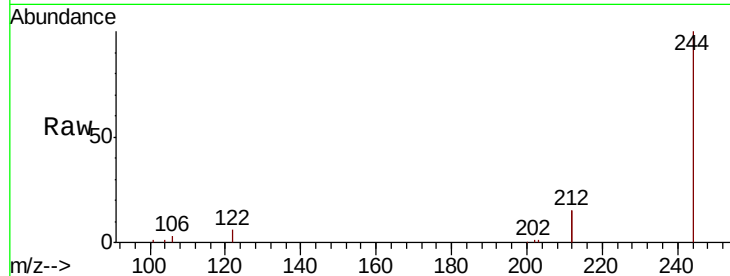
#29
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099216.D
 Acq: 26 Mar 2019 15:36

Instrument :
 BNA_E
 ClientSampleId :
 P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.7	22.7	34.1
122	6.2	5.8	8.6

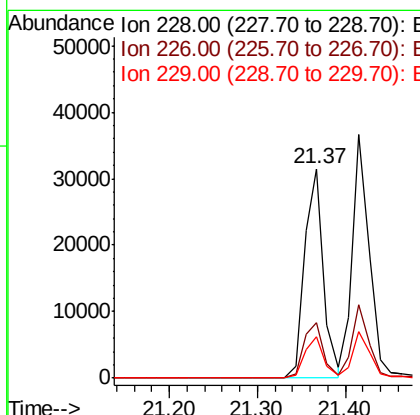
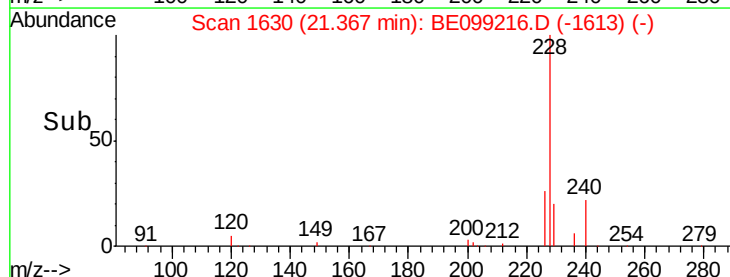
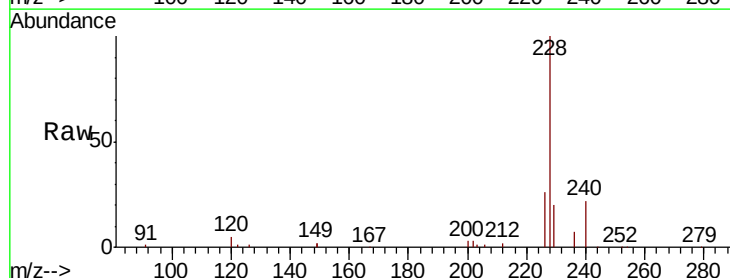
Manual Integrations
 APPROVED

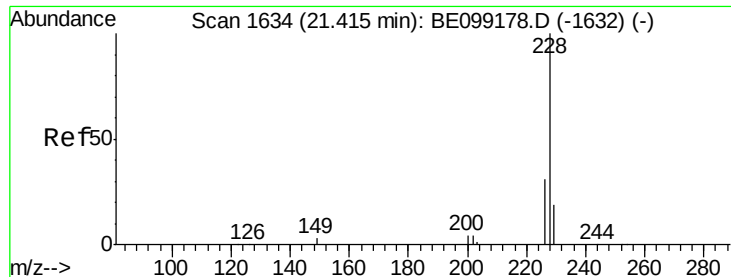
Sohil
 3/28/2019 5:11:28 PM



#30
 Benzo(a)anthracene
 Concen: 0.410 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099216.D
 Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	20.1	15.9	23.9





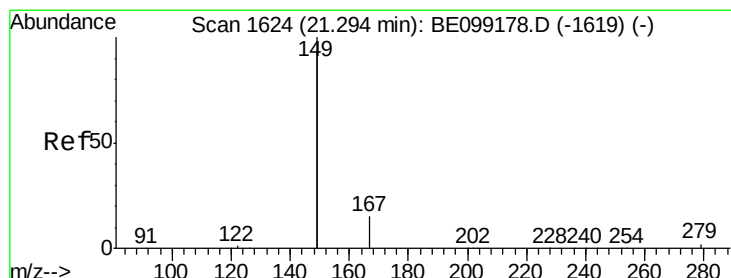
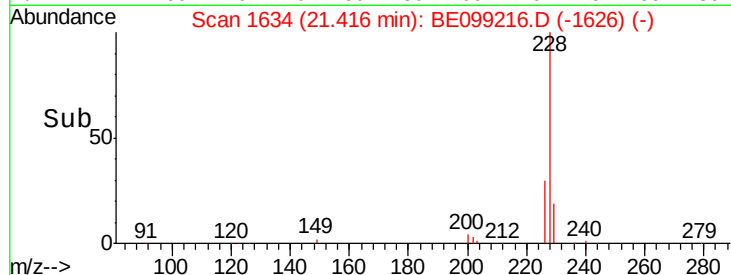
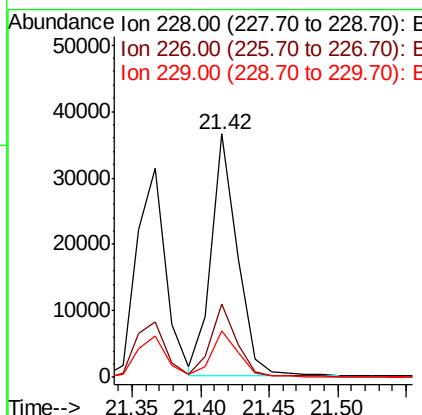
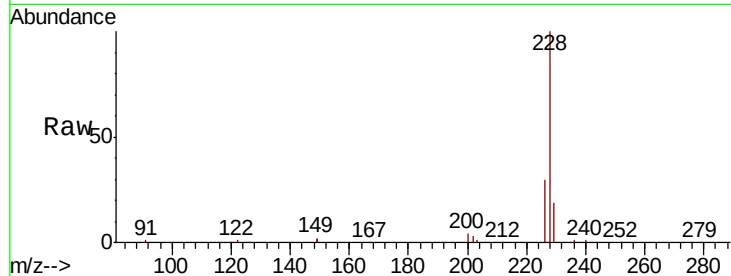
#31
Chrysene
Concen: 0.393 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	19.3	15.4	23.0

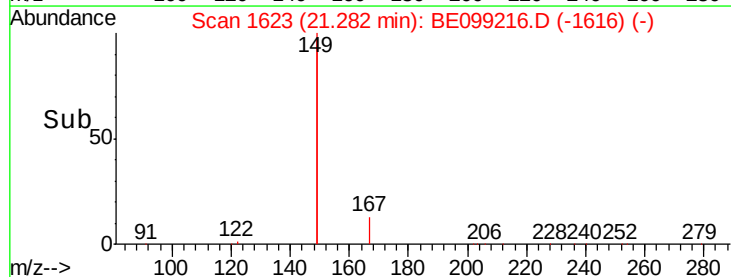
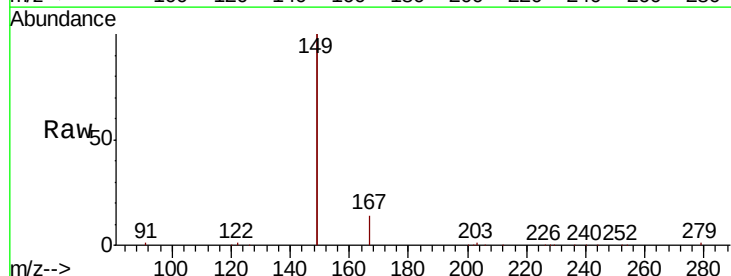
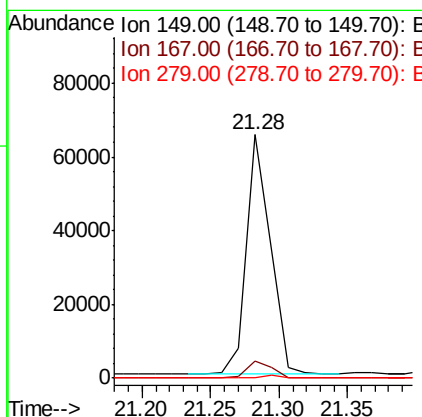
Manual Integrations
APPROVED

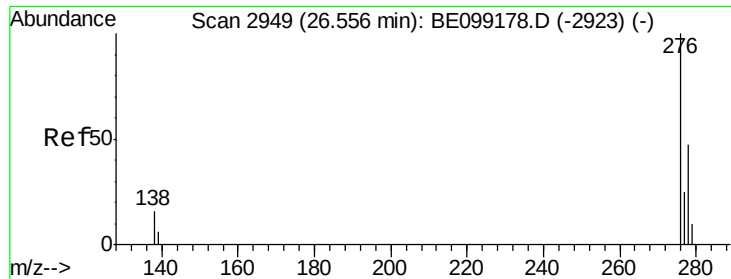
Sohil
3/28/2019 5:11:28 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.575 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.1	1.0	1.6





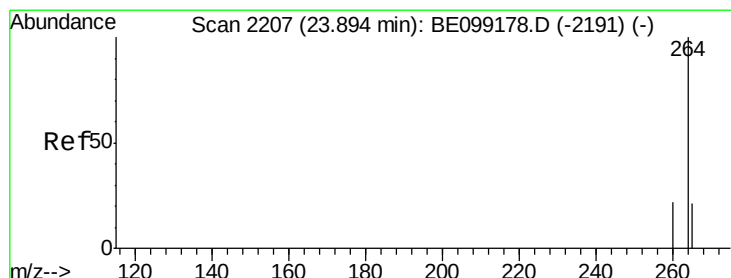
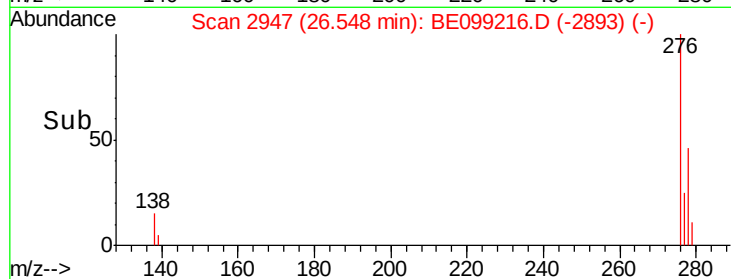
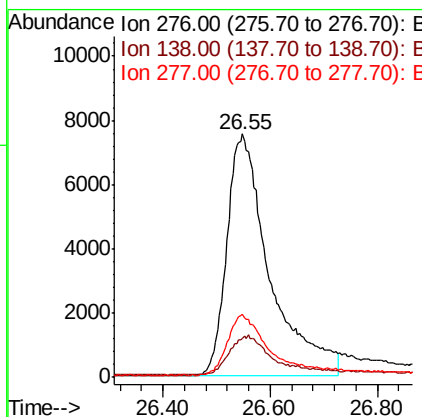
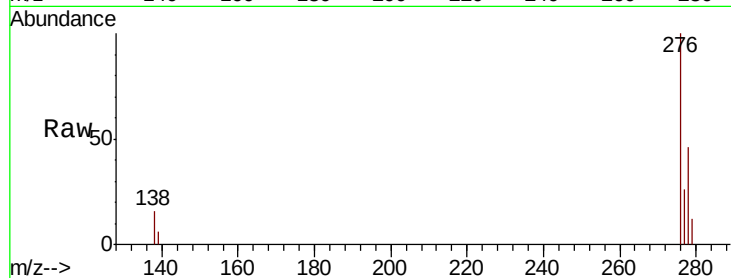
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.9	19.3
277	23.6	18.3	27.5

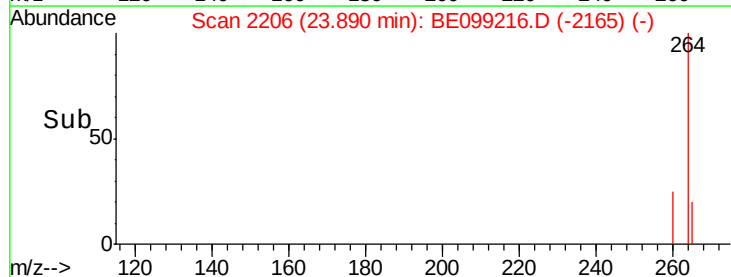
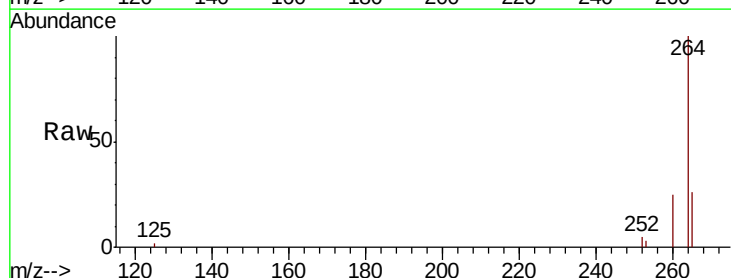
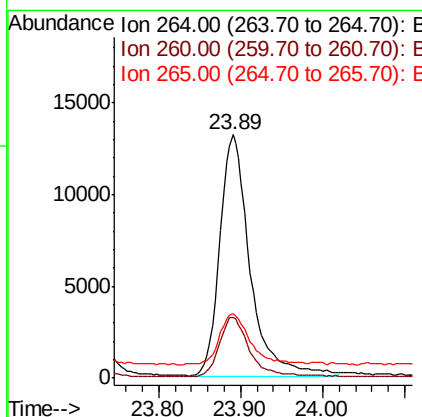
Manual Integrations
APPROVED

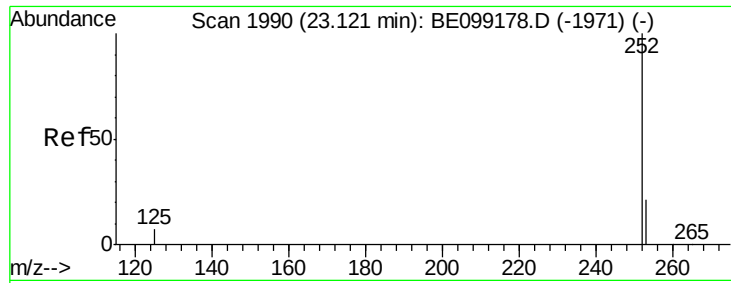
Sohil
3/28/2019 5:11:28 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	26.4	21.8	32.8





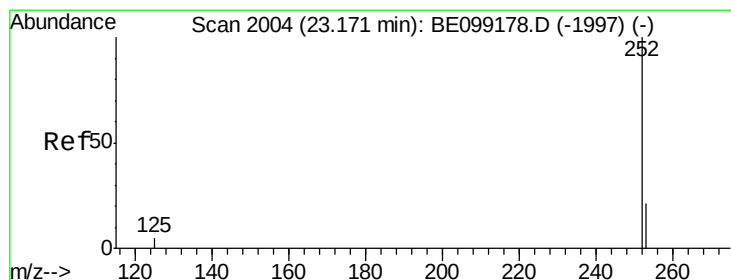
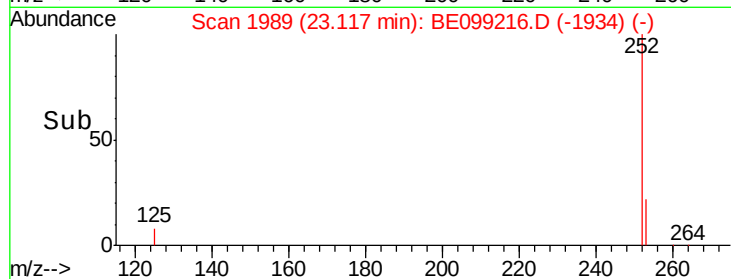
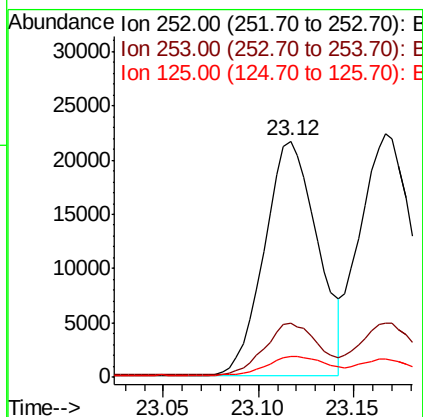
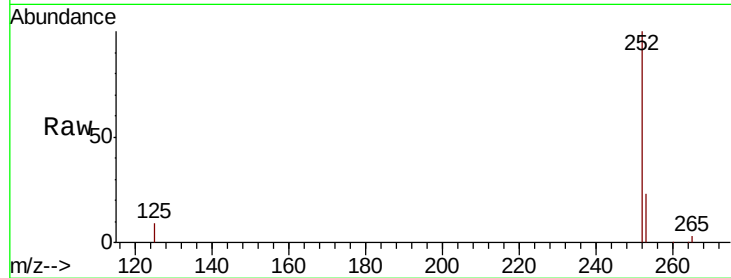
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.8	6.1	9.1

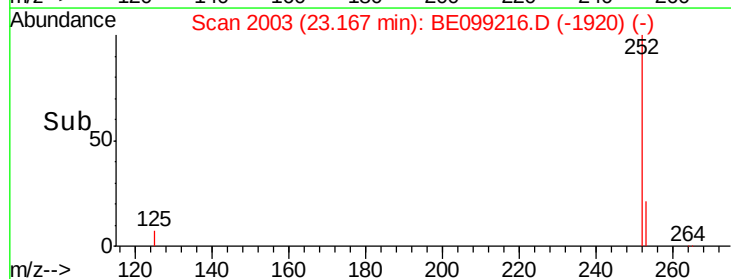
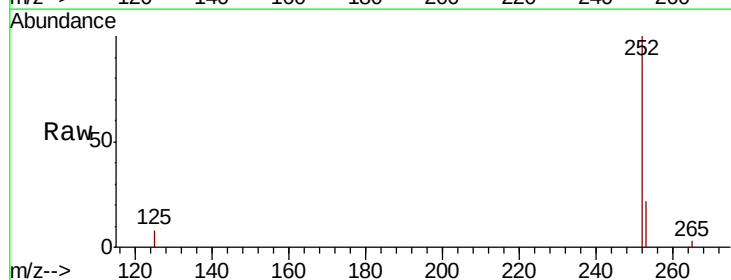
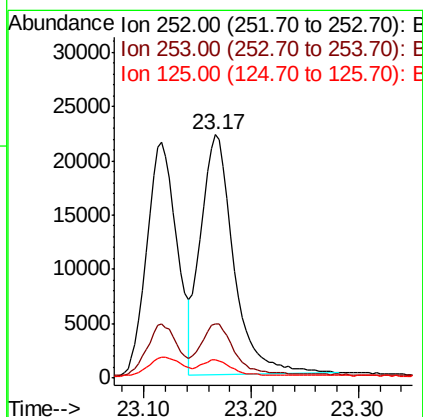
Manual Integrations
APPROVED

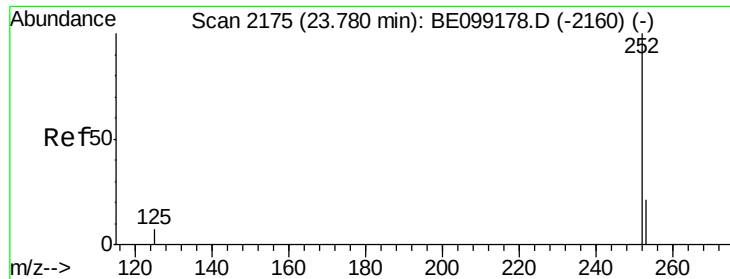
Sohil
3/28/2019 5:11:28 PM



#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.7	5.9	8.9





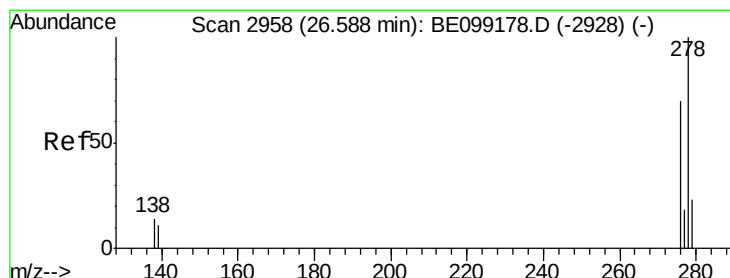
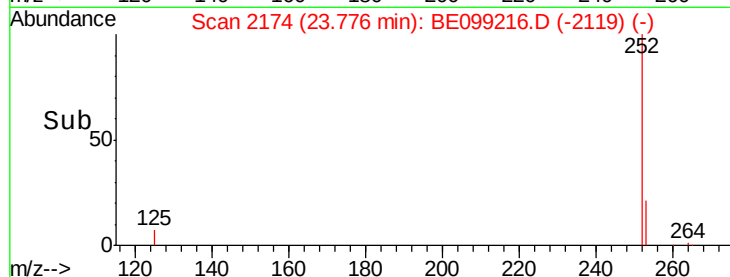
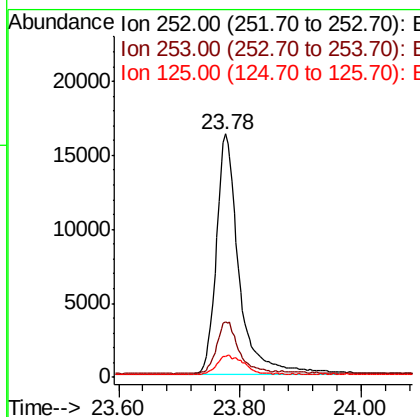
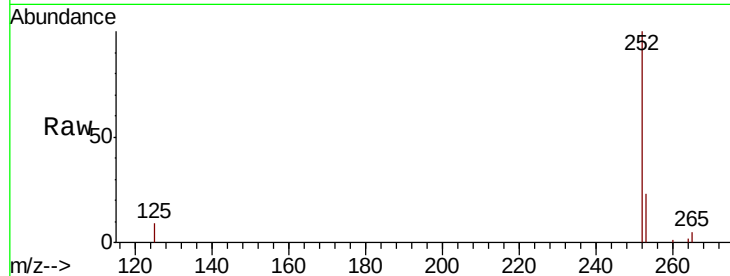
#37
Benzo(a)pyrene
Concen: 0.415 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Instrument :
BNA_E
ClientSampleId :
P002-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	8.6	6.8	10.2

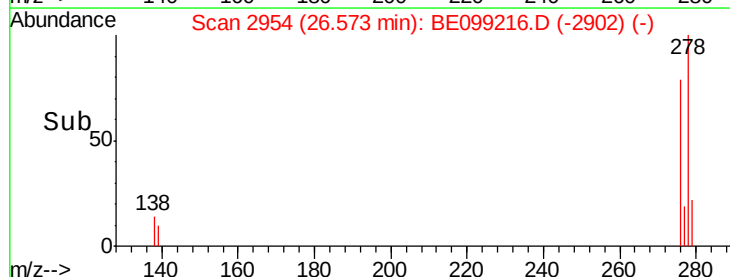
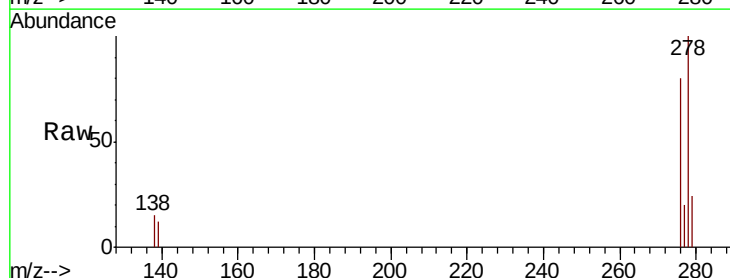
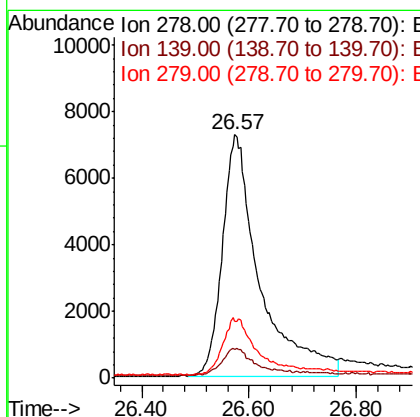
Manual Integrations
APPROVED

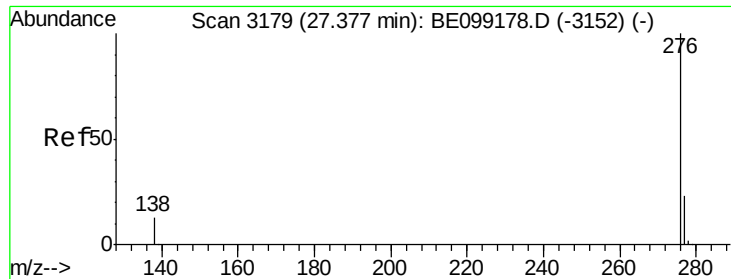
Sohil
3/28/2019 5:11:28 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.57 min Scan# 2954
Delta R.T. -0.02 min
Lab File: BE099216.D
Acq: 26 Mar 2019 15:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.5	14.3
279	23.6	19.1	28.7





#39

Benzo(a,h,i)perylene

Concen: 0.355 ng

RT: 27.36 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE099216.D

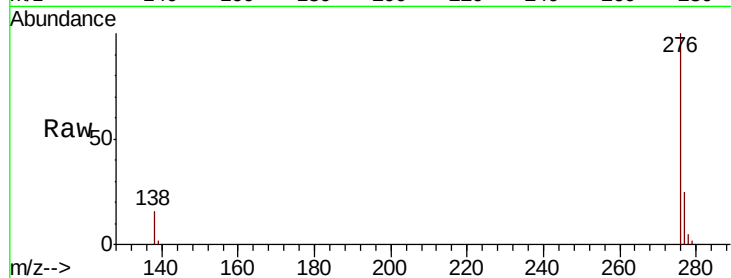
Acq: 26 Mar 2019 15:36

Instrument :

BNA_E

ClientSampleId :

P002-TW001-01MSD



Tot Ion:	276	Resp:	32611
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.0	28.4
138	16.0	11.1	16.7

Manual Integrations
APPROVED

Sohil
3/28/2019 5:11:28 PM

