

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041519\
 Data File : BE099323.D
 Acq On : 15 Apr 2019 11:32
 Operator : JU/SJ
 Sample : PB118846BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118846BS

Manual Integrations
 APPROVED

Sohil
 4/17/2019 1:11:50 AM

Quant Time: Apr 16 03:52:06 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 02 17:16:42 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4876	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	16678	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	9210	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	23361	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	31233	0.40	ng	-0.02
34) Perylene-d12	23.87	264	33640	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	2935	0.23	ng	-0.01
5) Phenol-d6	6.98	99	3892	0.22	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2967	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	6451m	0.22	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	642	0.15	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9278	0.26	ng	-0.02
25) Fluoranthene-d10	19.22	212	62798	0.20	ng	-0.02
29) Terphenyl-d14	19.82	244	11132	0.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	3096	0.466	ng	# 77
3) n-Nitrosodimethylamine	3.66	42	875	0.223	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	3550	0.222	ng	92
9) Naphthalene	10.65	128	43264	0.239	ng	99
10) Hexachlorobutadiene	10.94	225	2695	0.229	ng	99
12) 2-Methylnaphthalene	12.28	142	6788	0.220	ng	97
16) Acenaphthylene	14.18	152	9356	0.214	ng	99
17) Acenaphthene	14.53	154	6016	0.234	ng	99
18) Fluorene	15.50	166	7888	0.212	ng	96
20) 4-Bromophenyl-phenylether	16.38	248	2941	0.222	ng	# 76
21) Hexachlorobenzene	16.49	284	2993	0.237	ng	99
22) Pentachlorophenol	16.84	266	1630	0.311	ng	93
23) Phenanthrene	17.24	178	14606	0.242	ng	99
24) Anthracene	17.32	178	12936	0.227	ng	100
26) Fluoranthene	19.25	202	17961	0.201	ng	98
28) Pyrene	19.62	202	18410	0.223	ng	98
30) Benzo(a)anthracene	21.35	228	22755	0.231	ng	99
31) Chrysene	21.40	228	23958	0.248	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	19420	0.155	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	26743	0.243	ng	98
35) Benzo(b)fluoranthene	23.10	252	23556	0.235	ng	98
36) Benzo(k)fluoranthene	23.15	252	23486	0.240	ng	98
37) Benzo(a)pyrene	23.75	252	22287	0.236	ng	99
38) Dibenzo(a,h)anthracene	26.53	278	22151	0.236	ng	98
39) Benzo(g,h,i)perylene	27.33	276	23483	0.251	ng	99

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

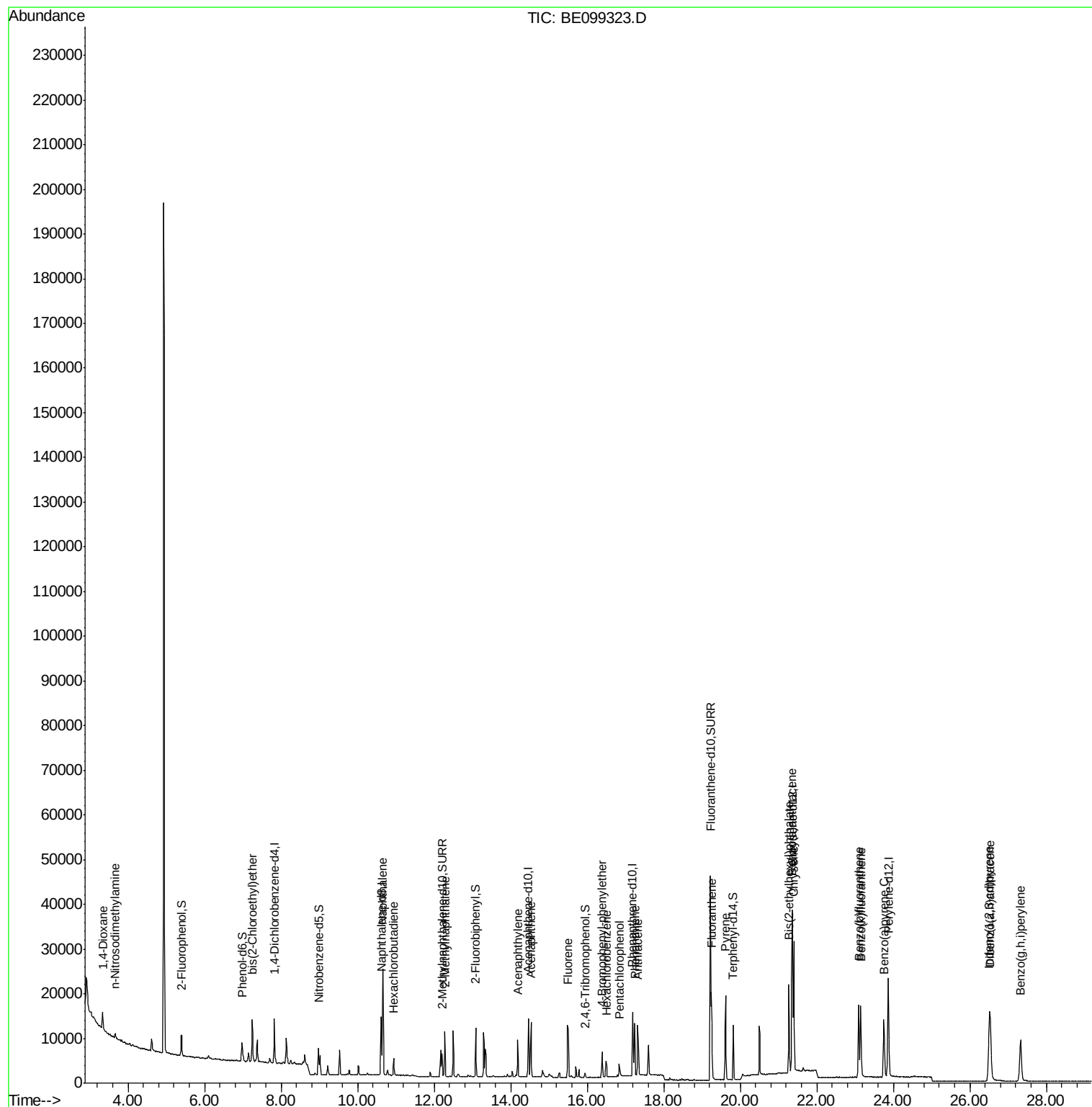
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041519\
Data File : BE099323.D
Acq On : 15 Apr 2019 11:32
Operator : JU/SJ
Sample : PB118846BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

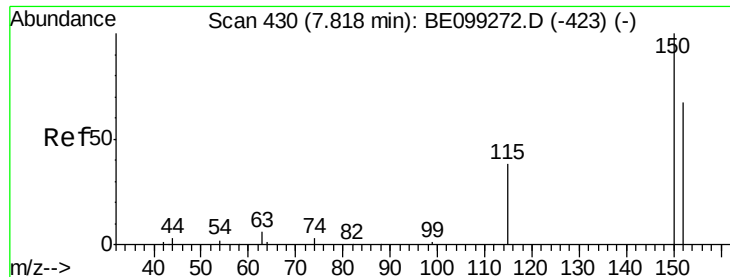
Instrument :
BNA_E
ClientSampleId :
PB118846BS

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM

Quant Time: Apr 16 03:52:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

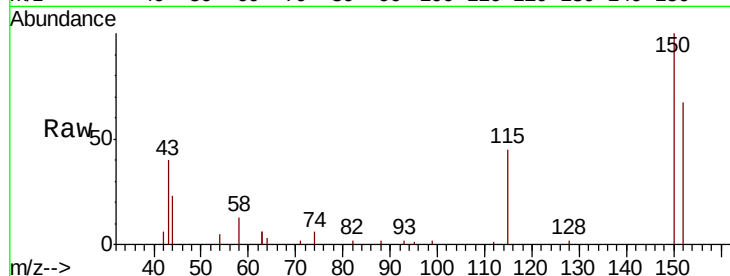
ClientSampleId :

PB118846BS

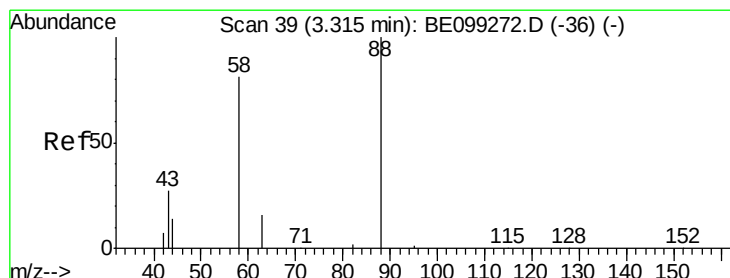
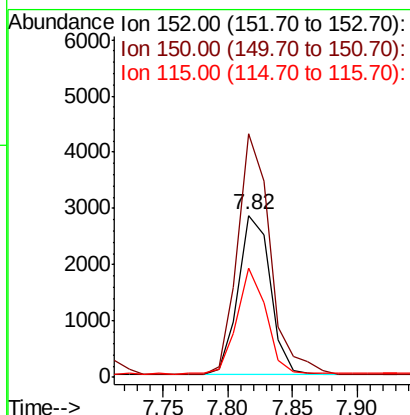
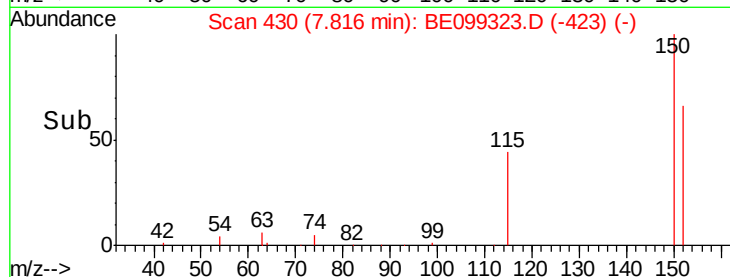
Tgt Ion:	152	Resp:	4876
Ion Ratio	Lower	Upper	
152	100		
150	150.1	112.8	169.2
115	67.3	45.1	67.7

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



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: 0.466 ng

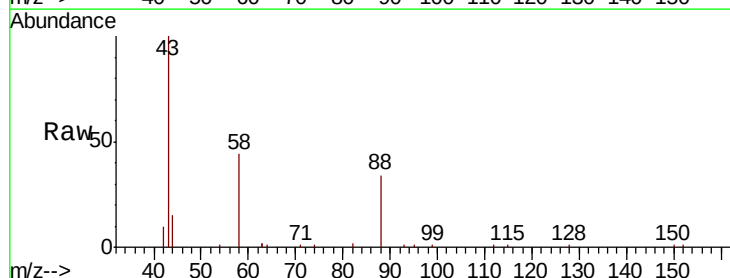
RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

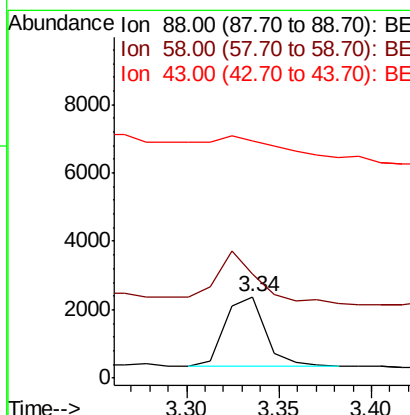
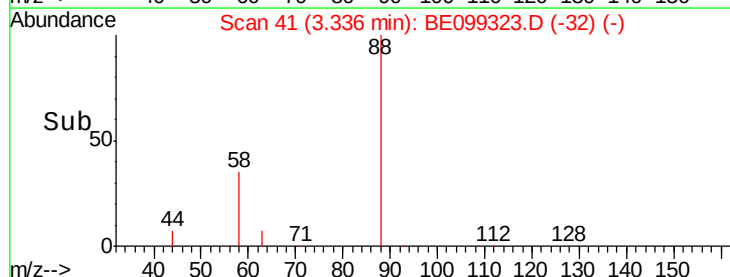
Lab File: BE099323.D

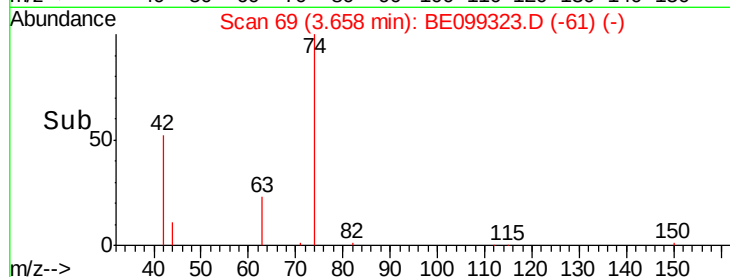
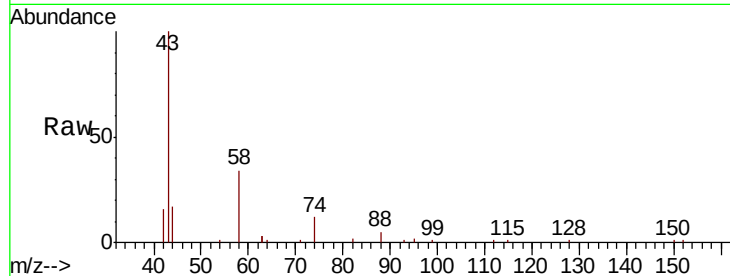
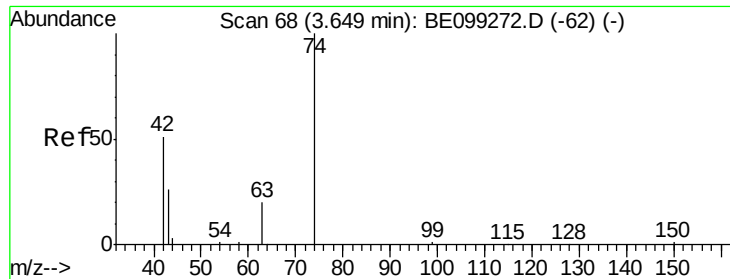
Acq: 15 Apr 2019 11:32

Tgt Ion:	88	Resp:	3096
Ion Ratio	Lower	Upper	
88	100		
58	71.8	47.4	71.0#
43	0.0	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





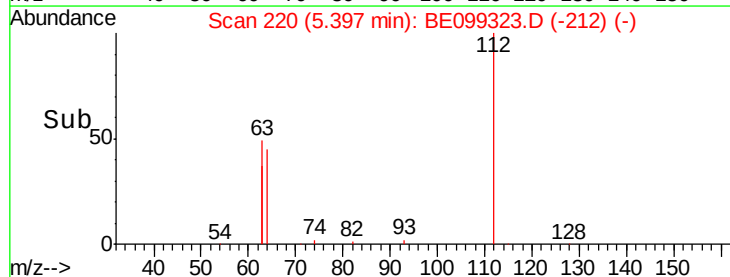
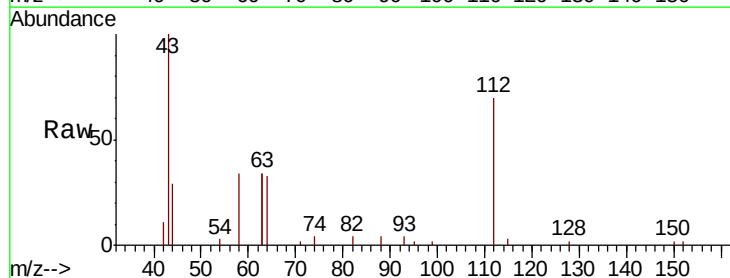
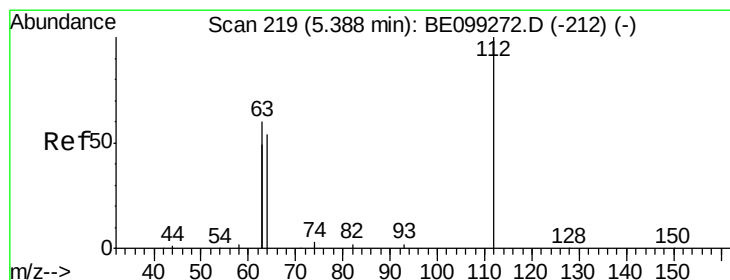
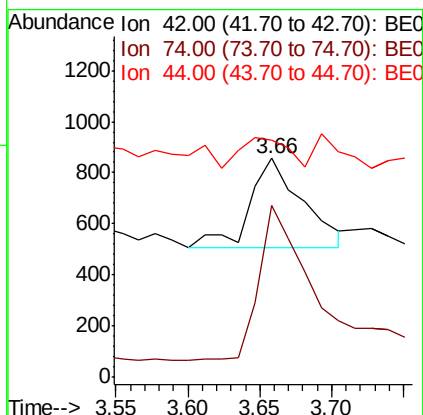
#3
n-Nitrosodimethylamine
Concen: 0.223 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.4	138.6	207.8
44	29.8	15.0	22.6

Instrument :
BNA_E
ClientSampleId :
PB118846BS

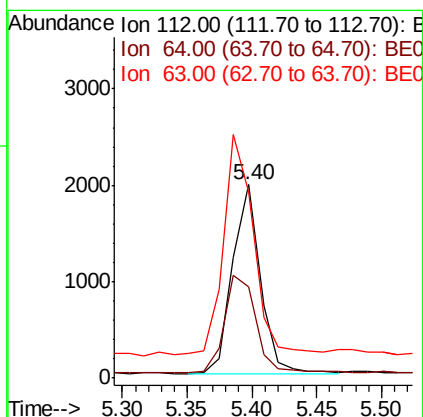
Manual Integrations
APPROVED

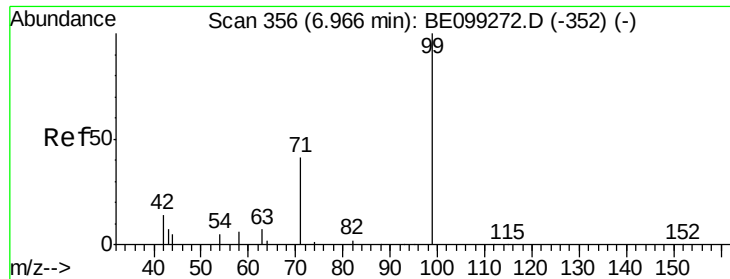
Sohil
4/17/2019 1:11:50 AM



#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.2	69.2
63	129.0	89.9	134.9





#5

Phenol-d6

Concen: 0.218 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

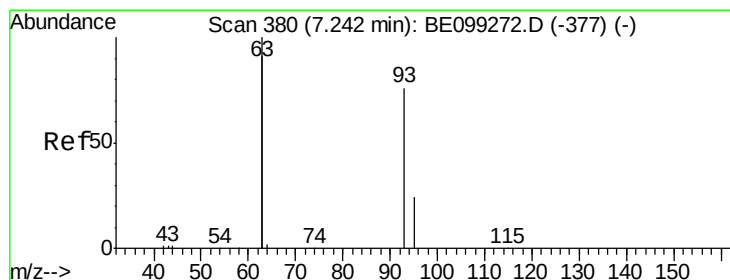
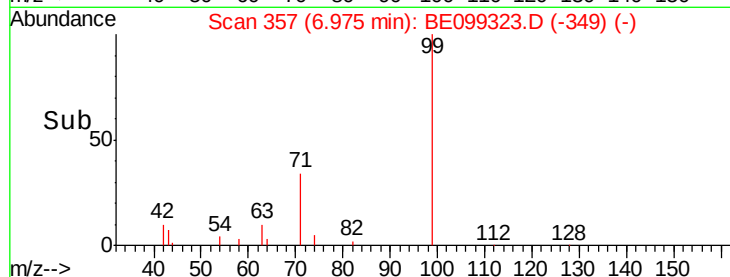
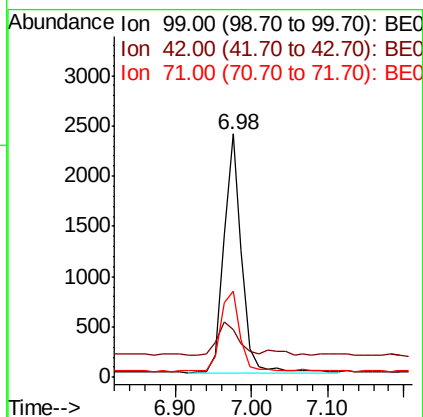
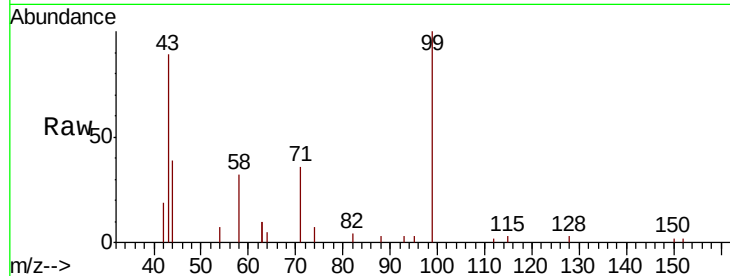
ClientSampleId :

PB118846BS

Tgt Ion:	99	Resp:	3892
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.4	18.6
71	37.3	28.4	42.6

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.222 ng

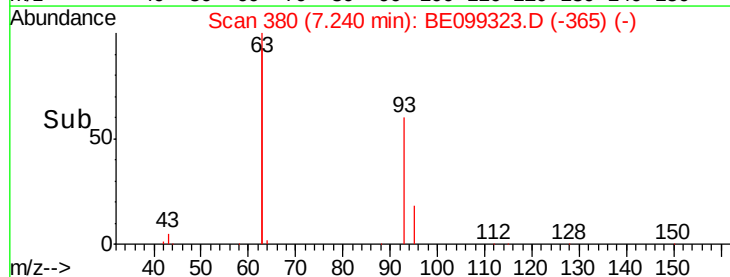
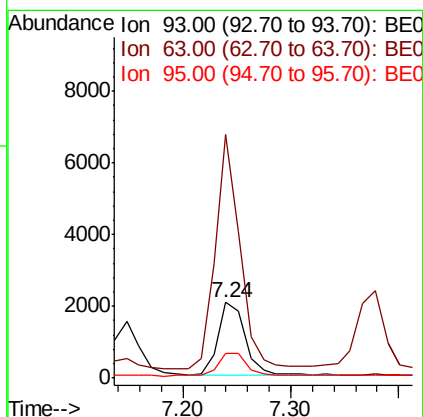
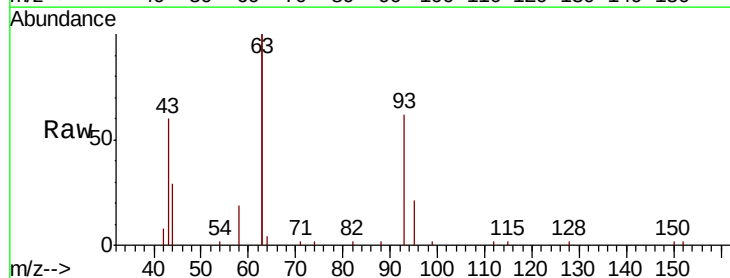
RT: 7.24 min Scan# 380

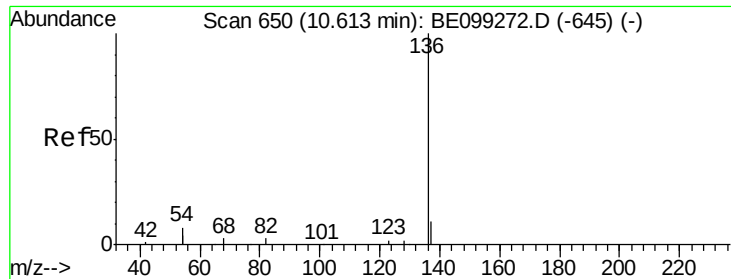
Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Tgt Ion:	93	Resp:	3550
Ion	Ratio	Lower	Upper
93	100		
63	293.2	221.4	332.0
95	34.3	25.8	38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118846BS

Tgt Ion: 136 Resp: 16678

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

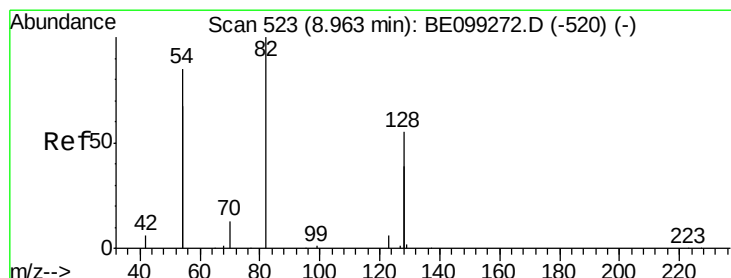
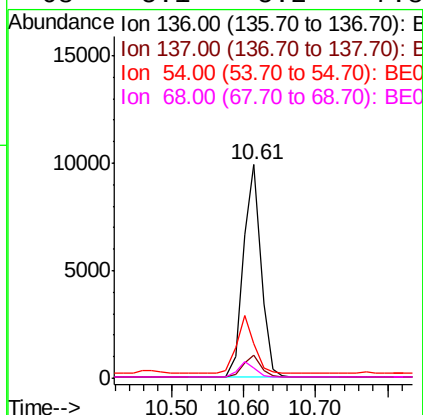
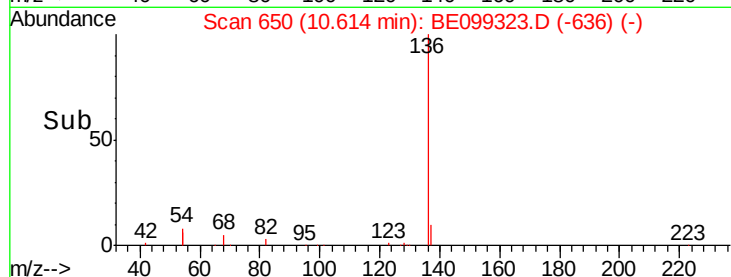
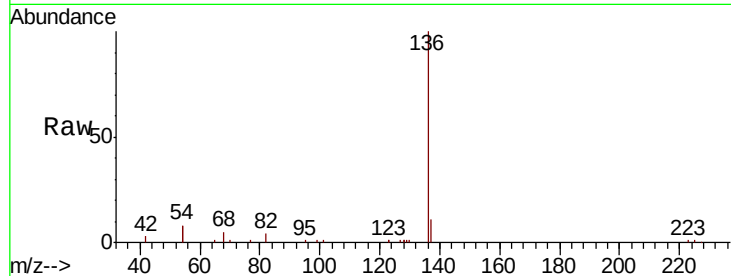
54 16.0 18.7 28.1#

68 5.1 5.2 7.8#

Manual Integrations
APPROVED

Sohil

4/17/2019 1:11:50 AM



#8

Nitrobenzene-d5

Concen: 0.259 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

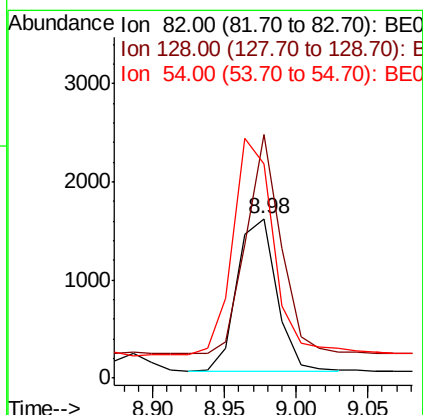
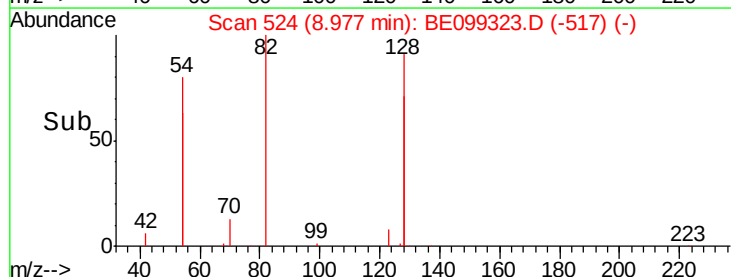
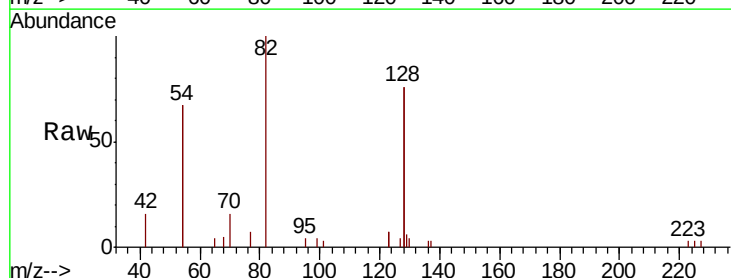
Tgt Ion: 82 Resp: 2967

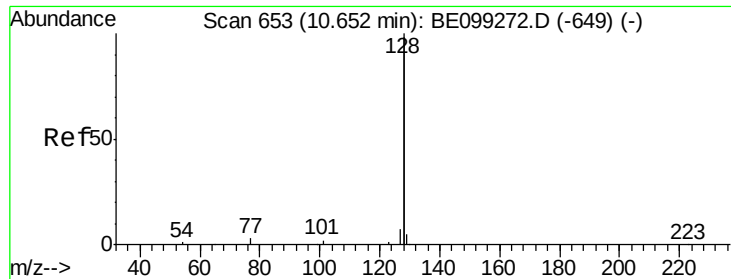
Ion Ratio Lower Upper

82 100

128 152.8 107.5 161.3

54 134.3 106.3 159.5





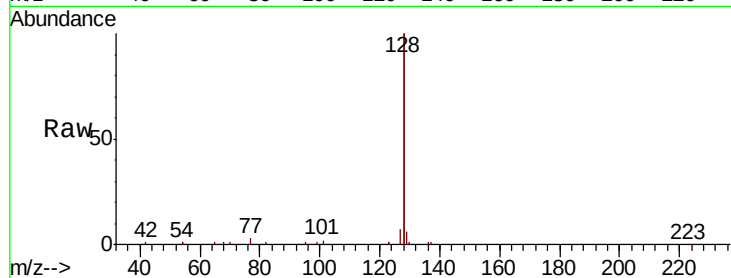
#9
Naphthalene
Concen: 0.239 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

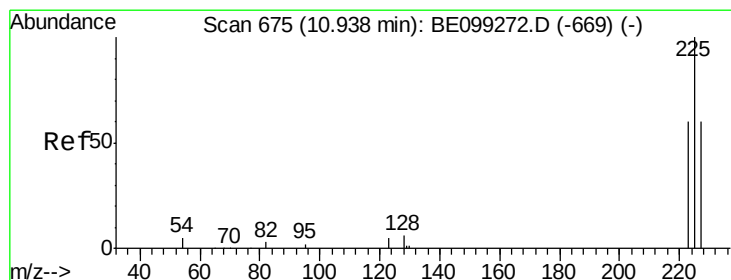
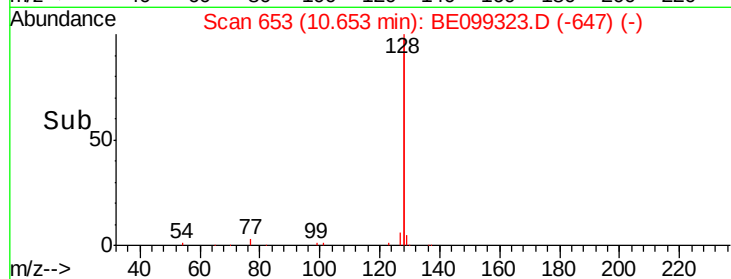
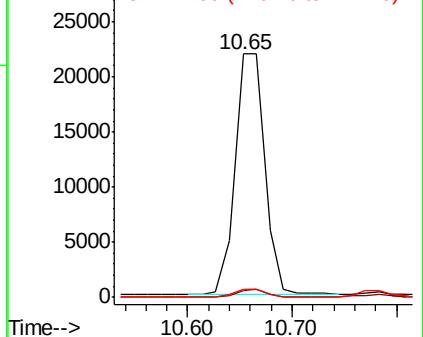
Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.5	2.6	3.8

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



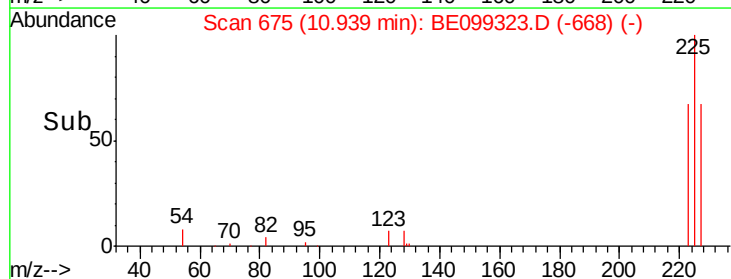
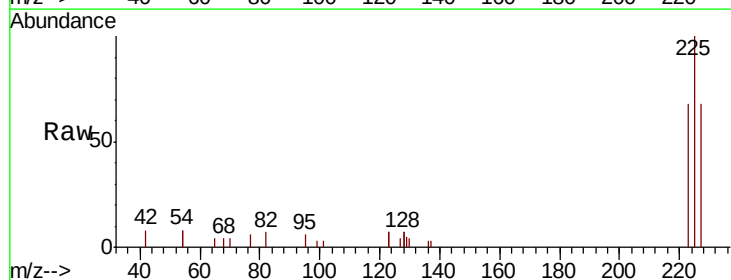
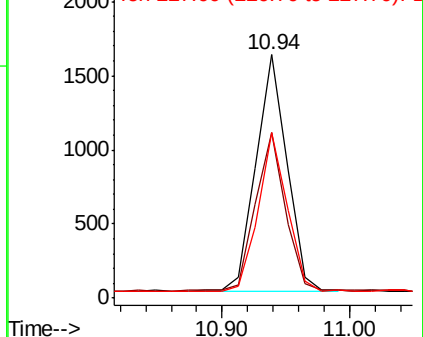
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

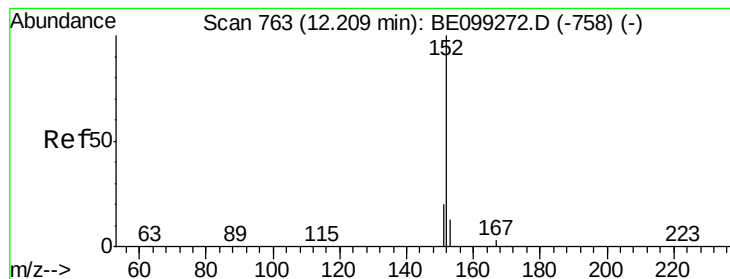


#10
Hexachlorobutadiene
Concen: 0.229 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.3	76.9
227	62.6	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: 0.222 ng m

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118846BS

Tgt Ion:152 Resp: 6451

Ion Ratio Lower Upper

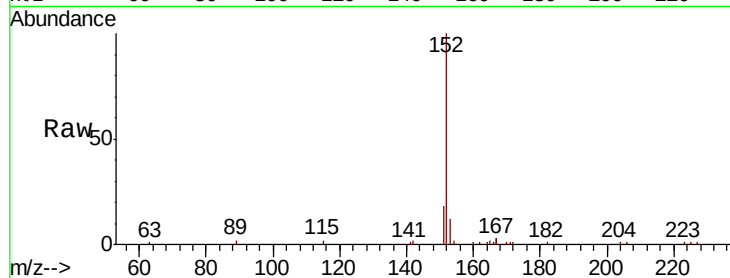
152 100

151 18.8 15.0 22.6

Manual Integrations
APPROVED

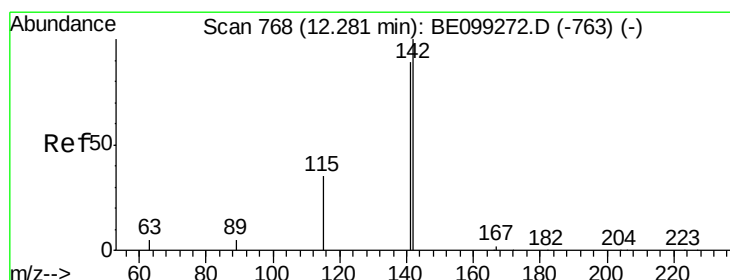
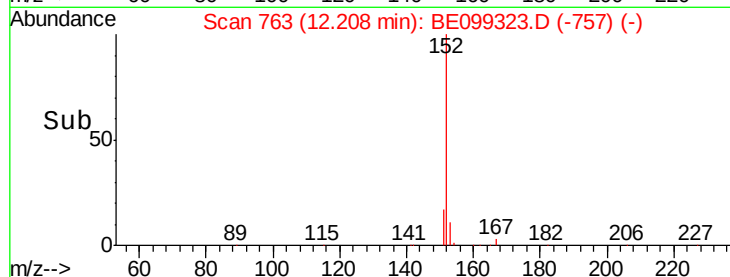
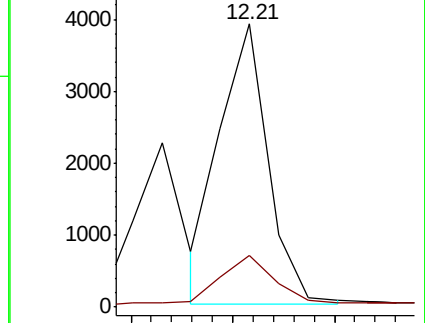
Sohil

4/17/2019 1:11:50 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.220 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

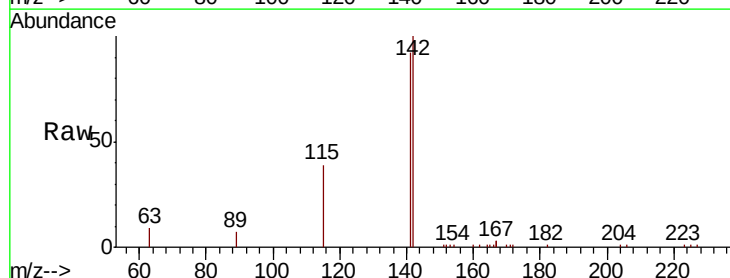
Tgt Ion:142 Resp: 6788

Ion Ratio Lower Upper

142 100

141 92.0 71.3 106.9

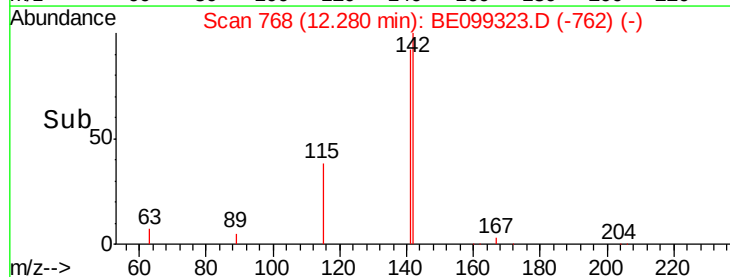
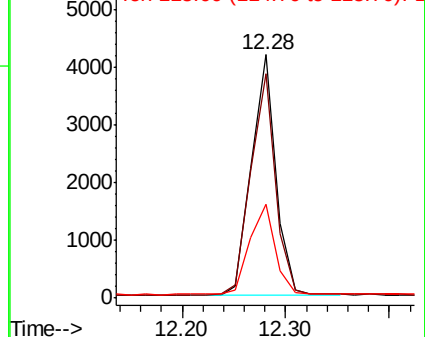
115 38.8 30.4 45.6

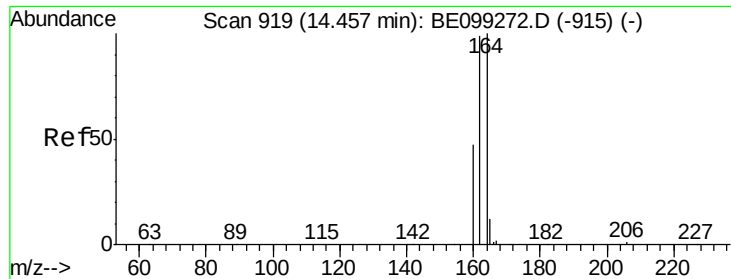


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

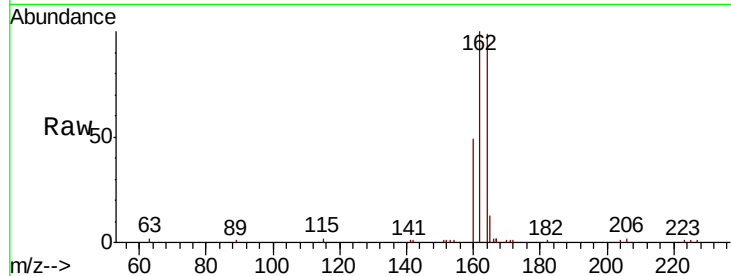
ClientSampleId :

PB118846BS

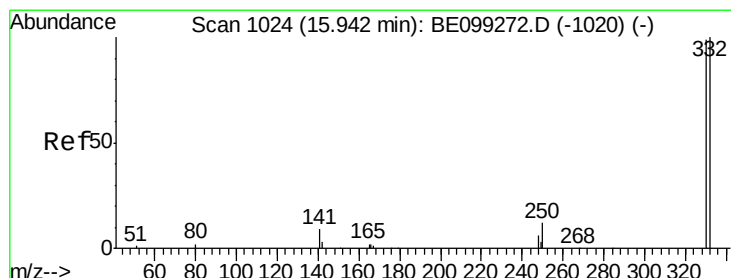
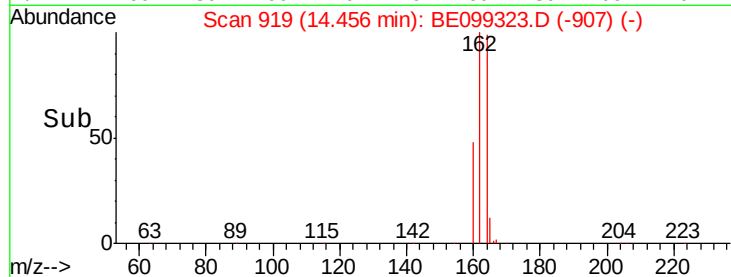
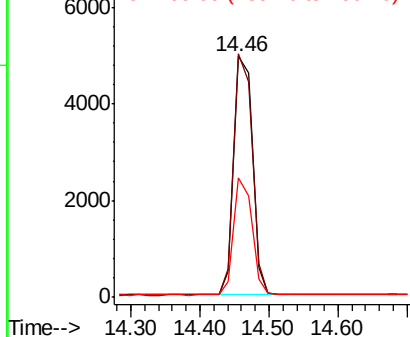
Tgt Ion:	164	Resp:	9210
Ion Ratio	Lower	Upper	
164	100		
162	101.0	79.2	118.8
160	49.5	36.7	55.1

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



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: 0.151 ng

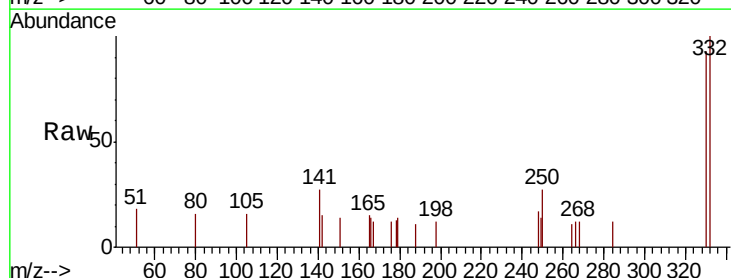
RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

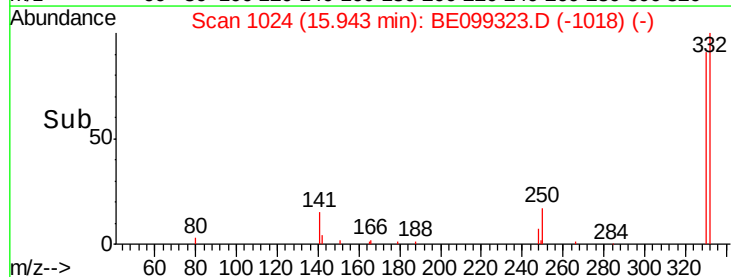
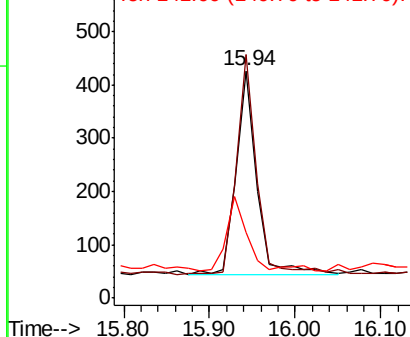
Lab File: BE099323.D

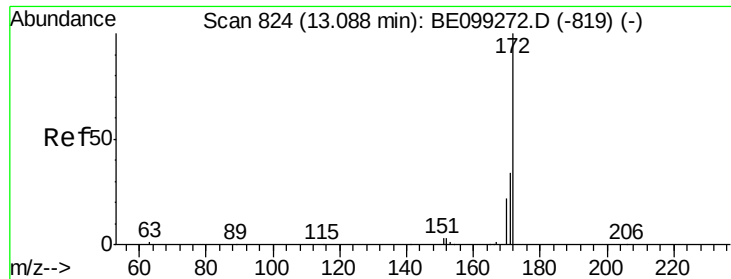
Acq: 15 Apr 2019 11:32

Tgt Ion:	330	Resp:	642
Ion Ratio	Lower	Upper	
330	100		
332	103.3	71.3	106.9
141	35.2	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





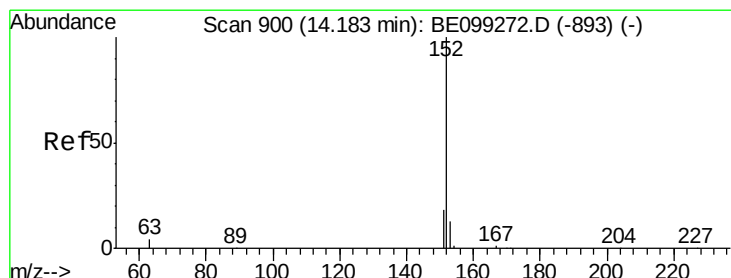
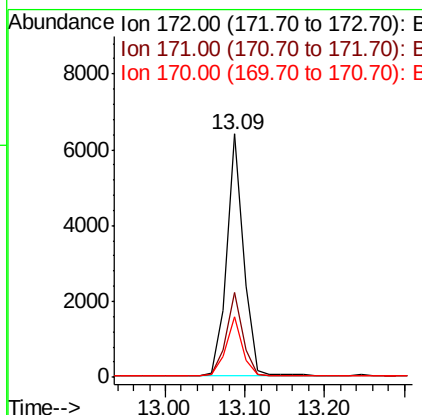
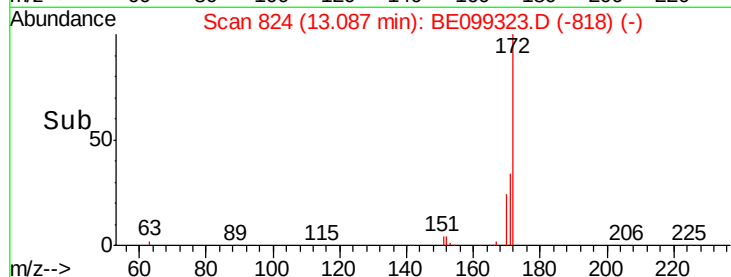
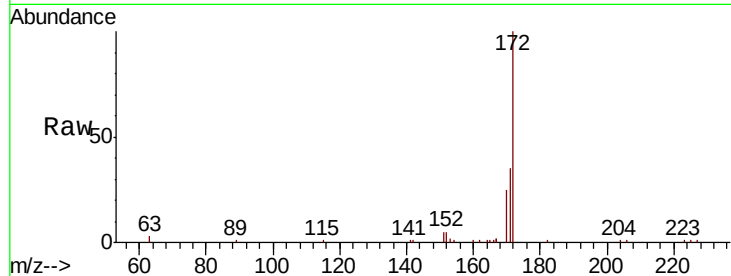
#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	24.8	19.1	28.7

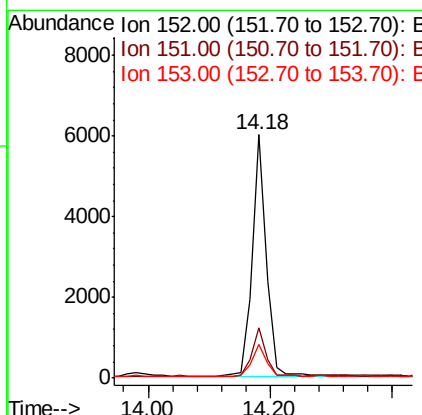
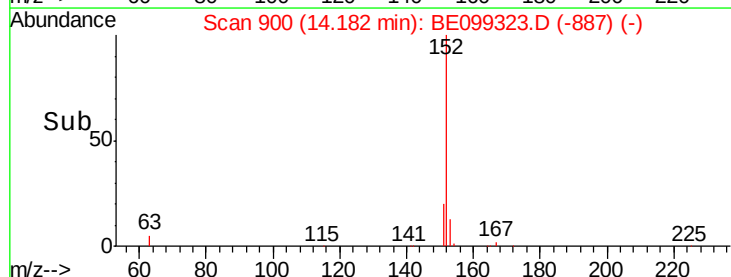
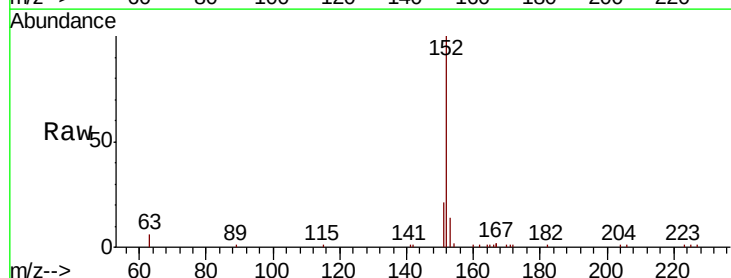
Manual Integrations
APPROVED

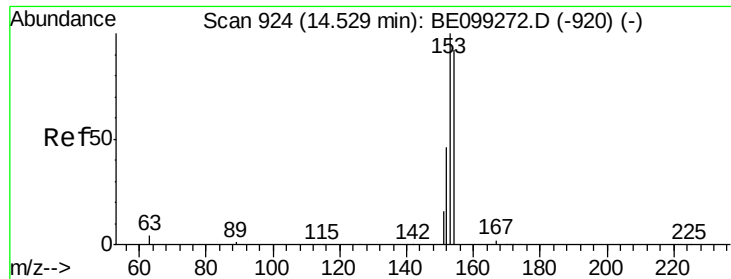
Sohil
4/17/2019 1:11:50 AM



#16
Acenaphthylene
Concen: 0.214 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.6	10.6	15.8





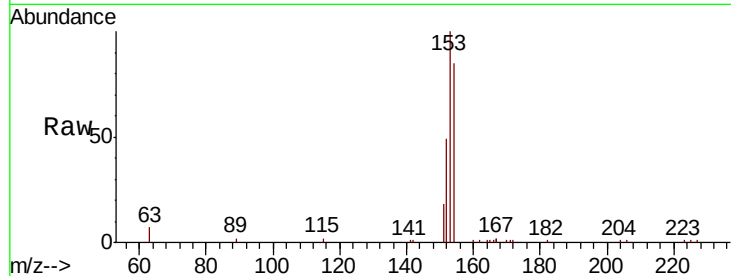
#17
Acenaphthene
Concen: 0.234 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.0	93.4	140.0
152	59.1	46.6	69.8

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM

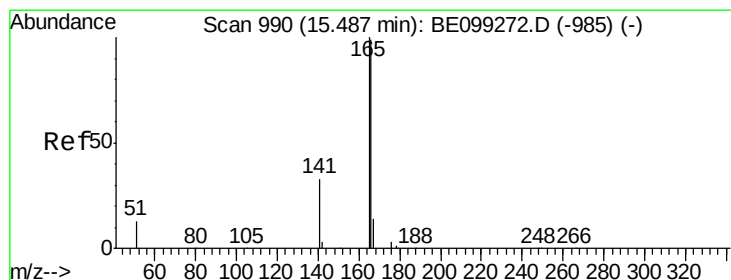
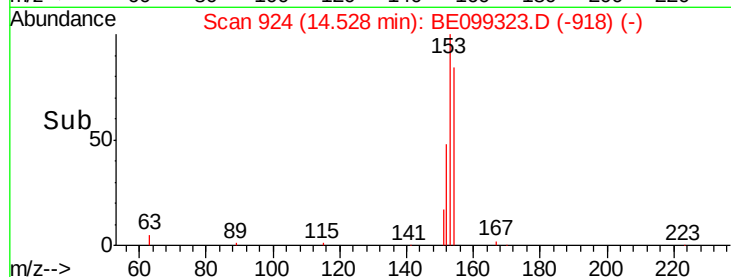
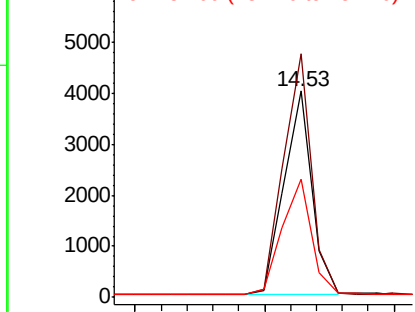


Abundance

Ion 154.00 (153.70 to 154.70): E

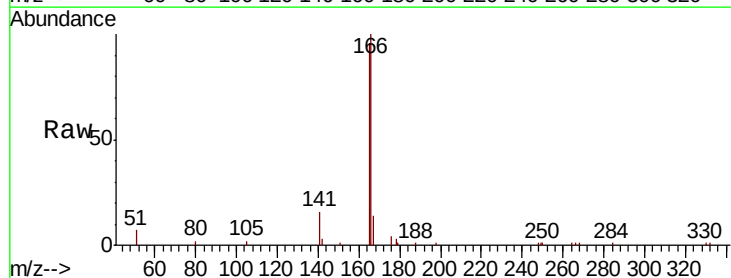
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.212 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.6	78.9	118.3
167	13.7	10.9	16.3

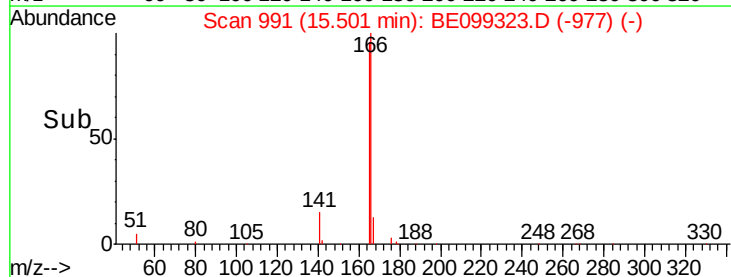
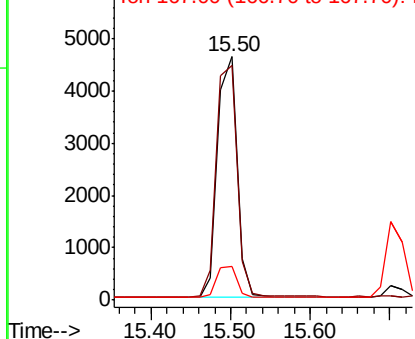


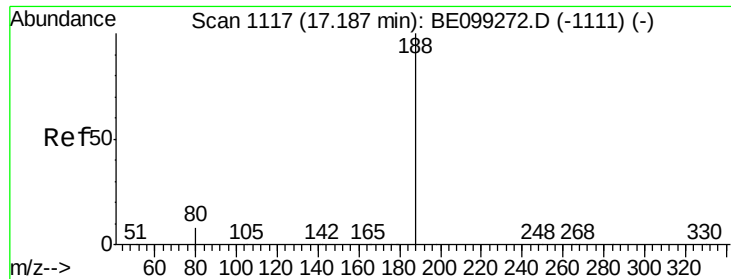
Abundance

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





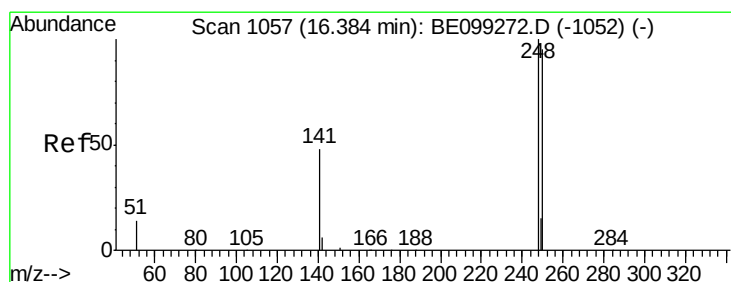
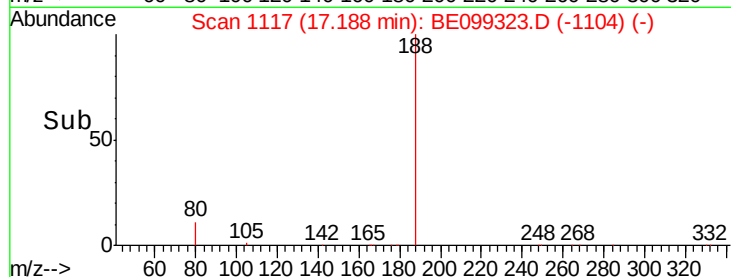
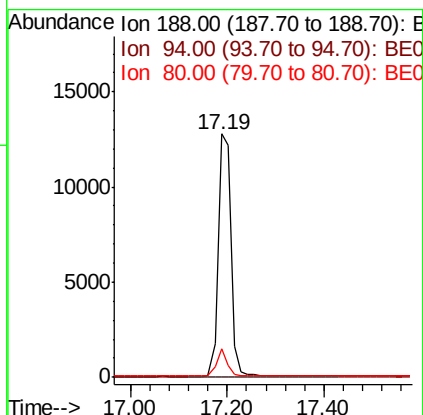
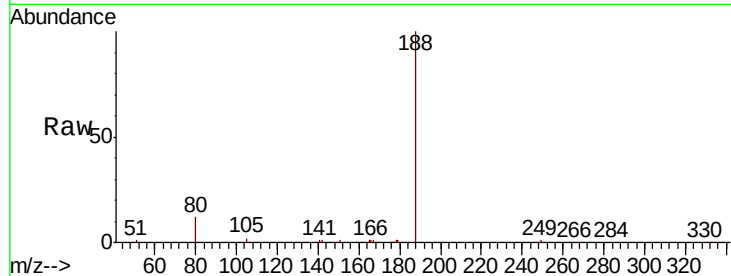
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	11.9	4.5	6.7

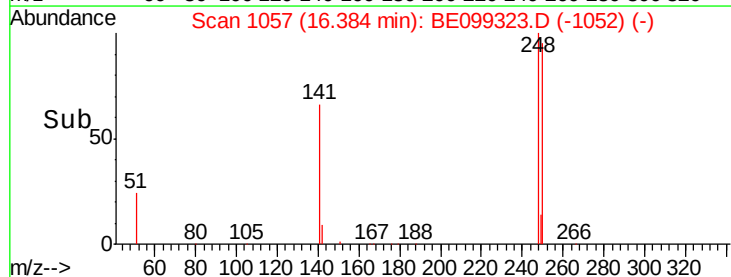
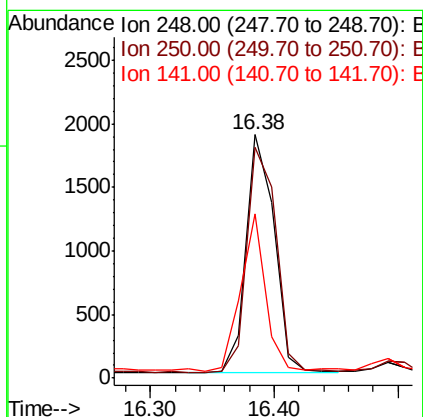
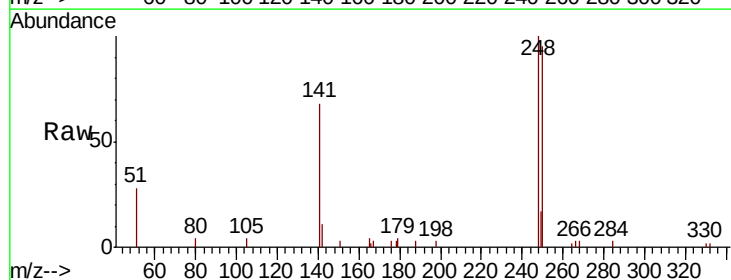
Manual Integrations
APPROVED

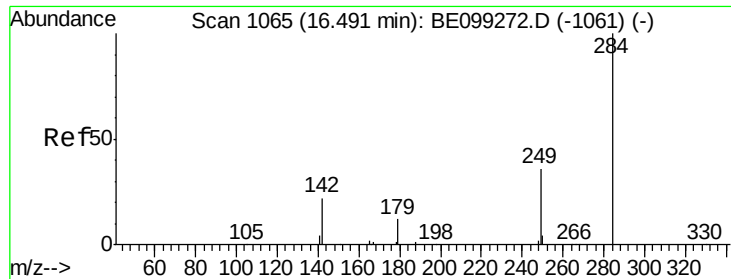
Sohil
4/17/2019 1:11:50 AM



#20
4-Bromophenyl-phenylether
Concen: 0.222 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.0	84.2	126.2
141	67.6	21.8	32.6





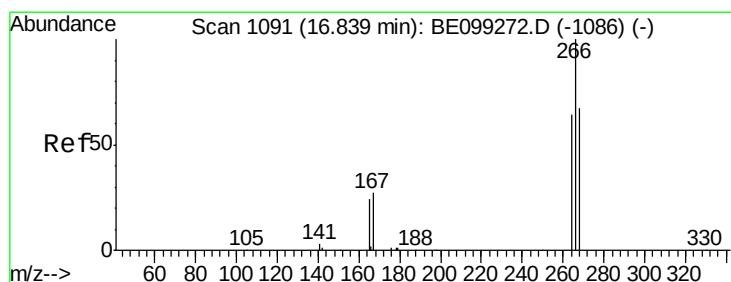
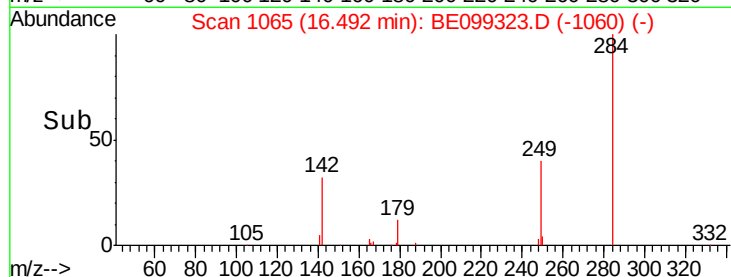
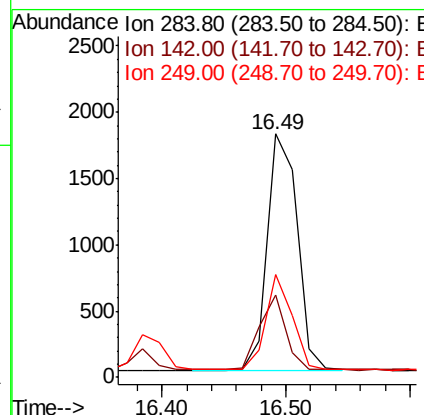
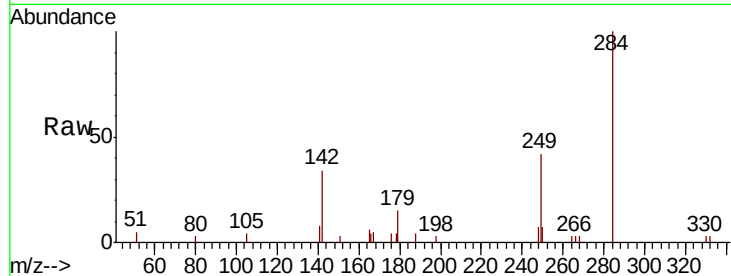
#21
Hexachlorobenzene
Concen: 0.237 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampled :
PB118846BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	2993		
142	27.9		22.7	34.1
249	34.5		26.9	40.3

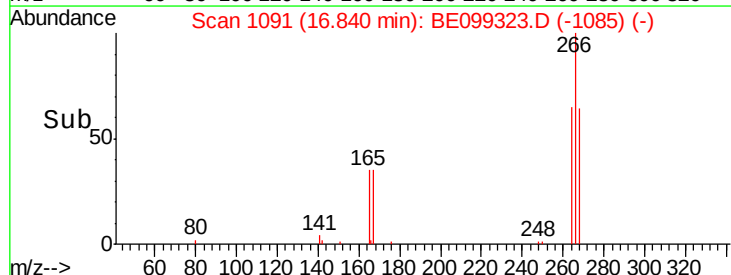
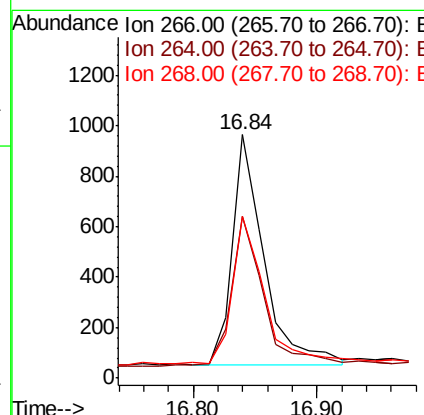
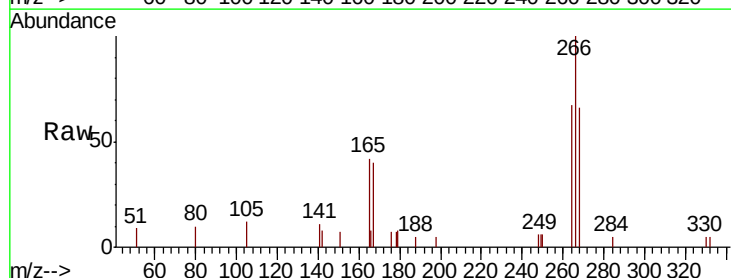
Manual Integrations
APPROVED

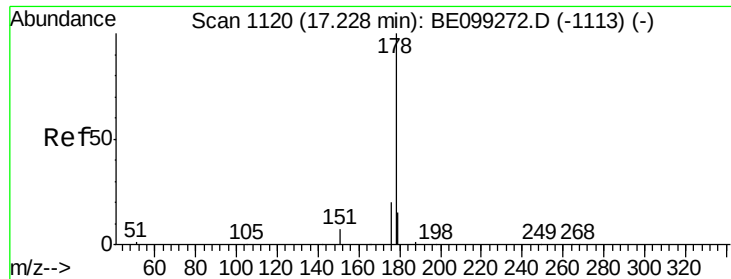
Sohil
4/17/2019 1:11:50 AM



#22
Pentachlorophenol
Concen: 0.311 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1630		
264	66.6		54.4	81.6
268	66.2		61.3	91.9





#23

Phenanthrene

Concen: 0.242 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

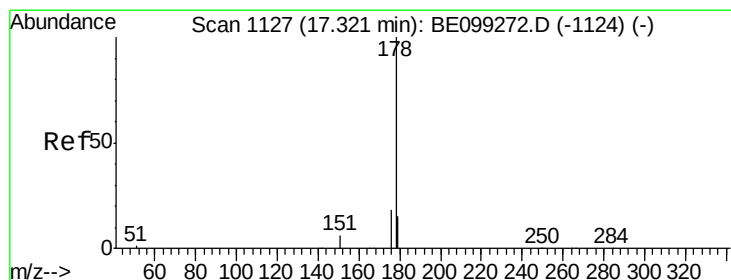
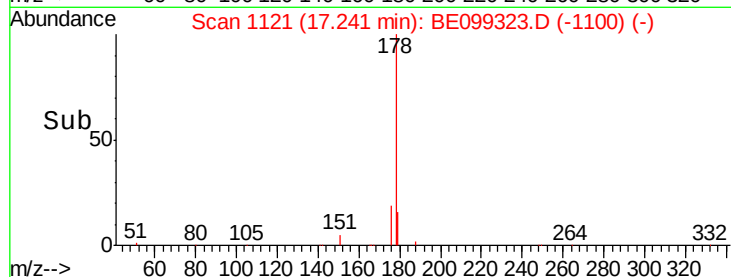
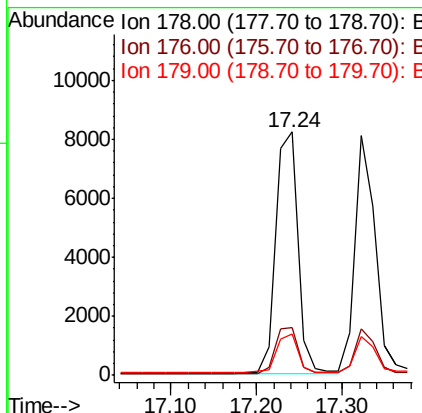
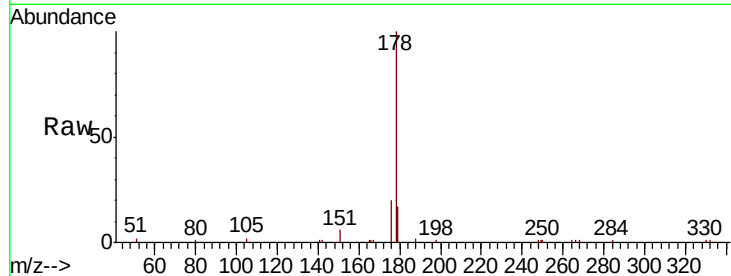
ClientSampled :

PB118846BS

Tgt Ion:	178	Resp:	14606
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.2
179	16.0	12.3	18.5

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



#24

Anthracene

Concen: 0.227 ng

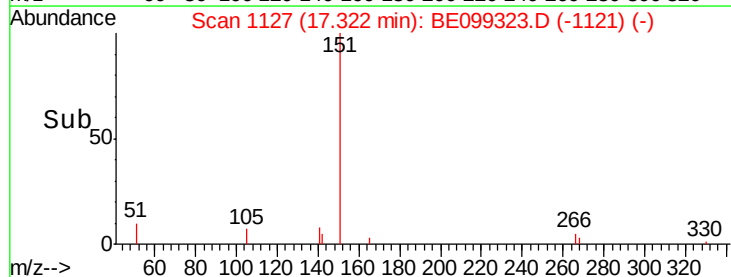
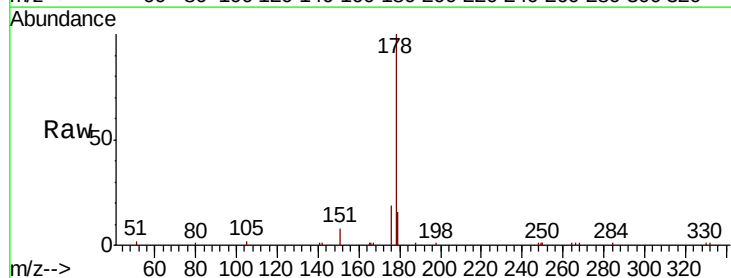
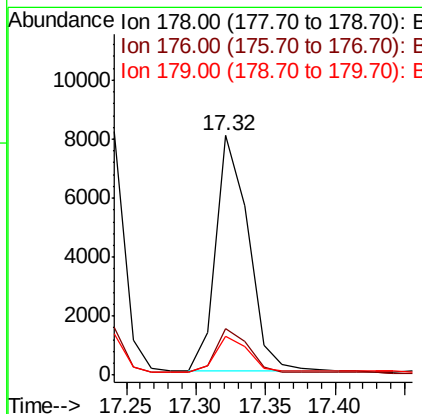
RT: 17.32 min Scan# 1127

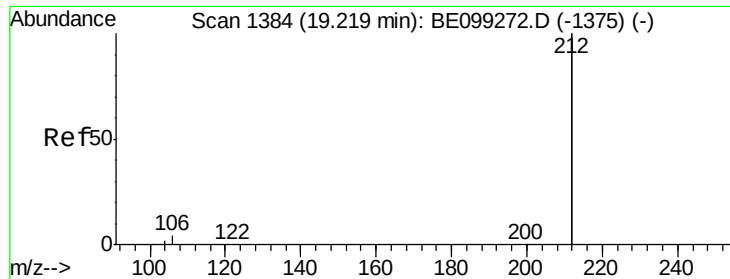
Delta R.T. -0.01 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Tgt Ion:	178	Resp:	12936
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.1	22.7
179	15.5	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

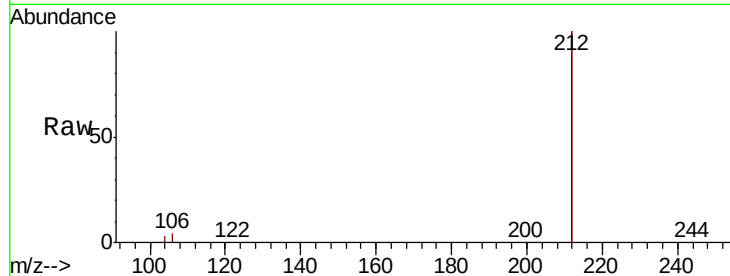
ClientSampleId :

PB118846BS

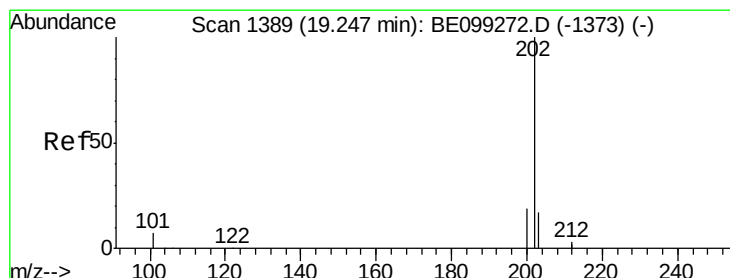
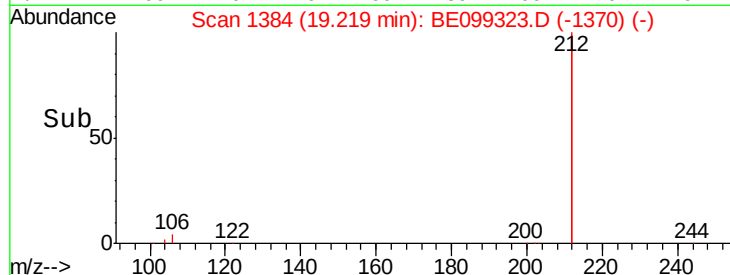
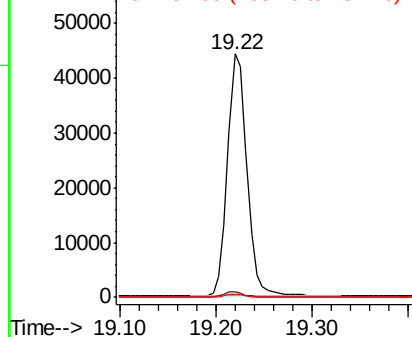
Tgt Ion:	212	Resp:	62798
Ion Ratio	Lower	Upper	
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



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: 0.201 ng

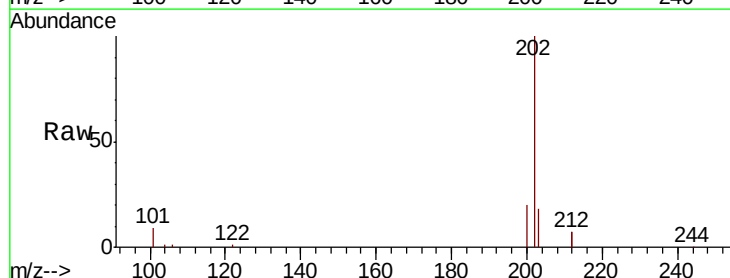
RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

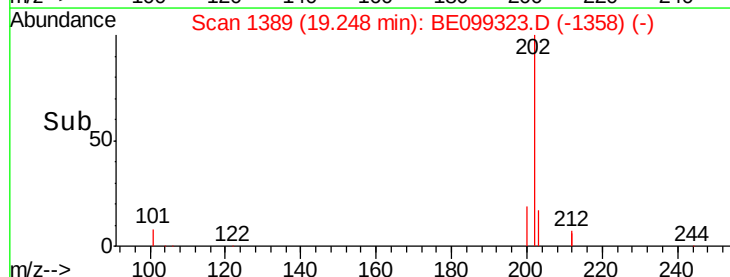
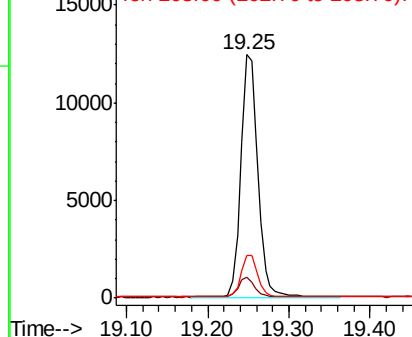
Lab File: BE099323.D

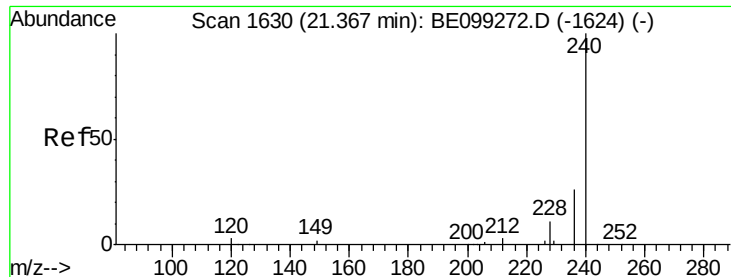
Acq: 15 Apr 2019 11:32

Tgt Ion:	202	Resp:	17961
Ion Ratio	Lower	Upper	
202	100		
101	7.8	7.0	10.4
203	16.8	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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

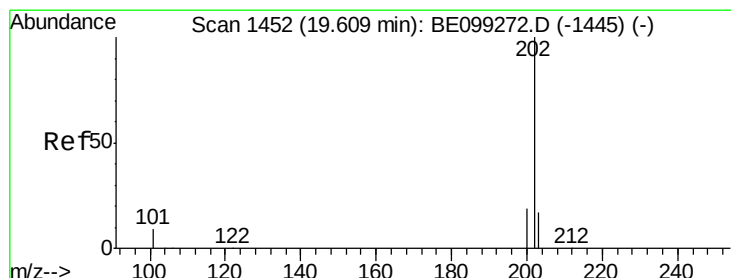
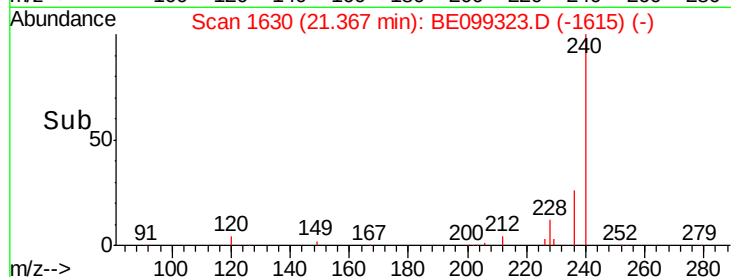
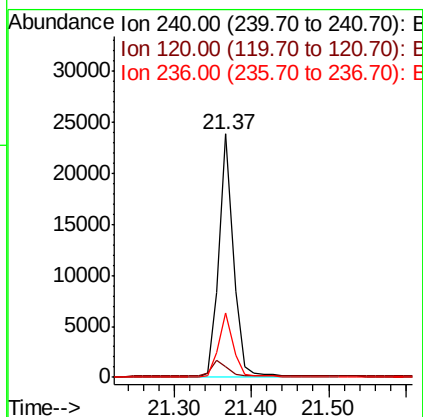
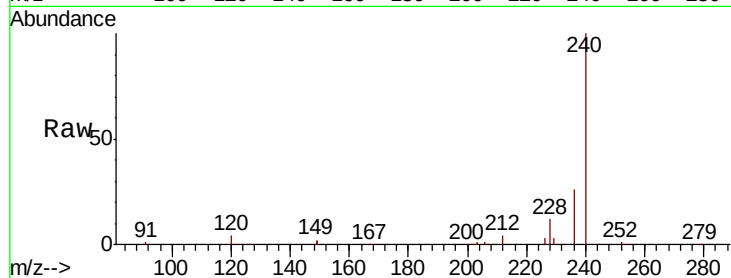
ClientSampleId :

PB118846BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	3.8#
236	26.4	20.9	31.3

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



#28

Pyrene

Concen: 0.223 ng

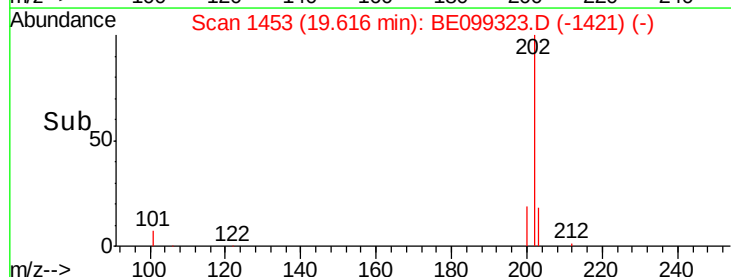
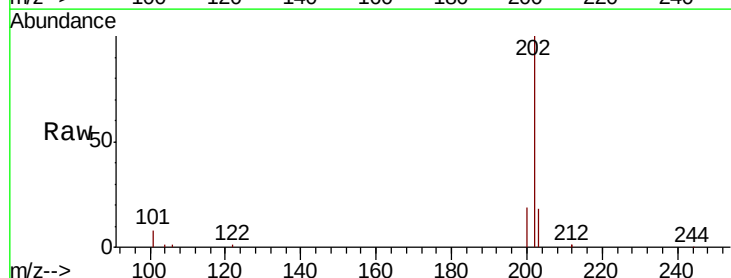
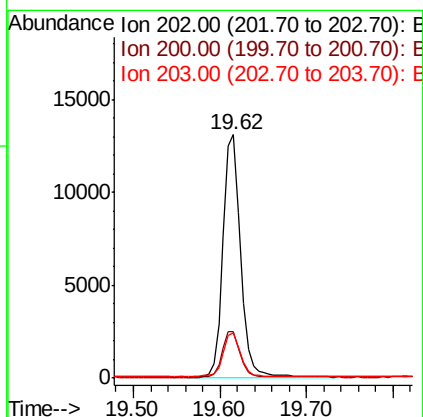
RT: 19.62 min Scan# 1453

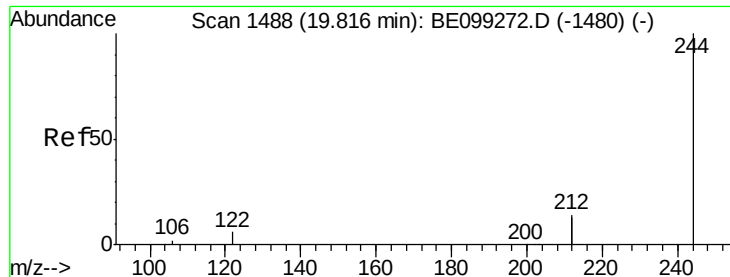
Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.8	23.8
203	18.5	14.1	21.1





#29

Terphenyl-d14

Concen: 0.195 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

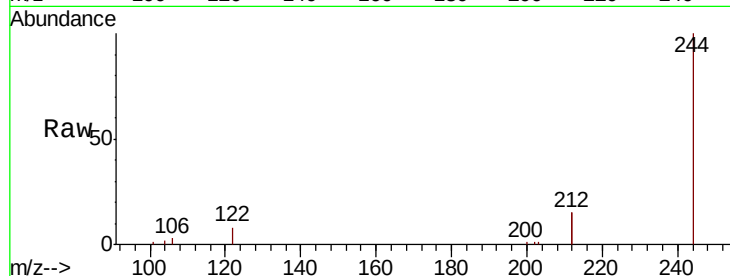
ClientSampleId :

PB118846BS

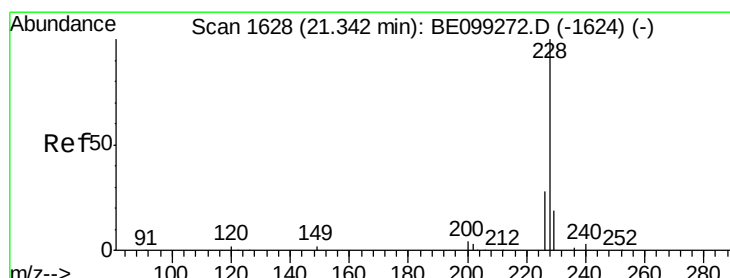
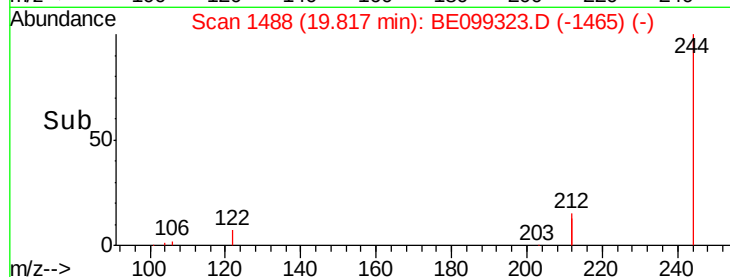
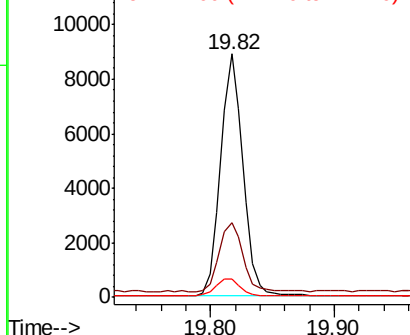
Tgt Ion:	244	Resp:	11132
Ion Ratio	Lower	Upper	
244	100		
212	30.7	22.7	34.1
122	7.6	5.8	8.6

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.231 ng

RT: 21.35 min Scan# 1629

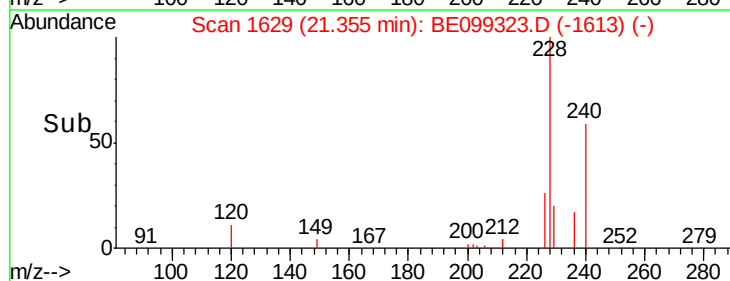
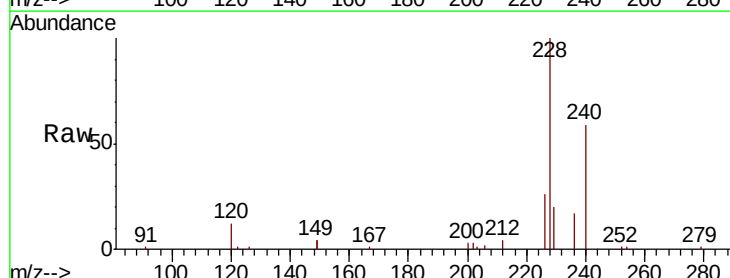
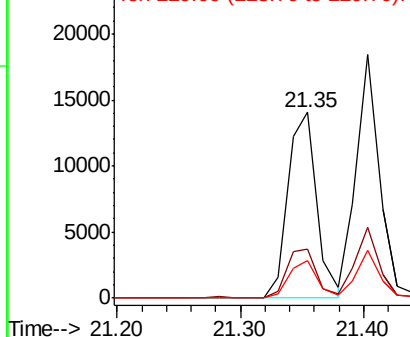
Delta R.T. -0.01 min

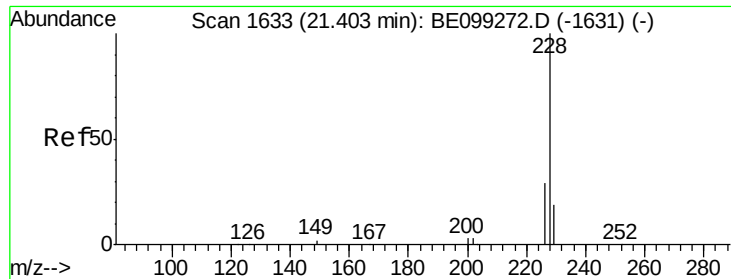
Lab File: BE099323.D

Acq: 15 Apr 2019 11:32

Tgt Ion:	228	Resp:	22755
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.7	32.5
229	20.2	15.9	23.9

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





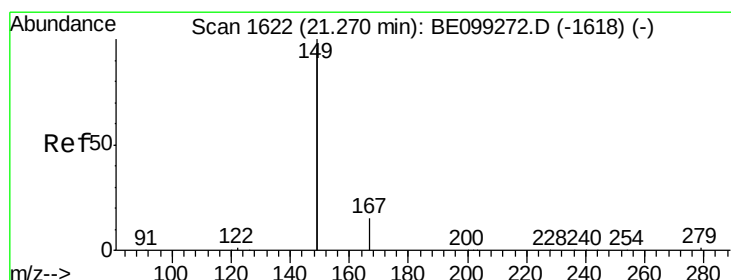
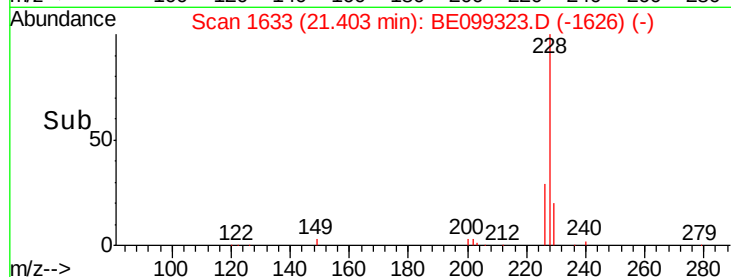
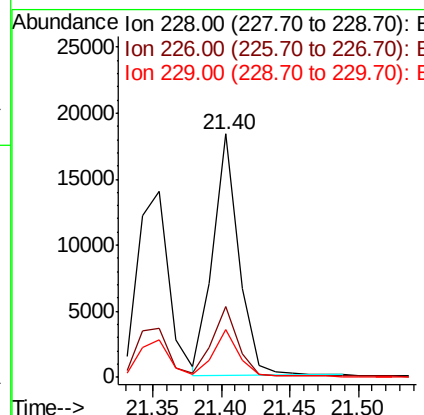
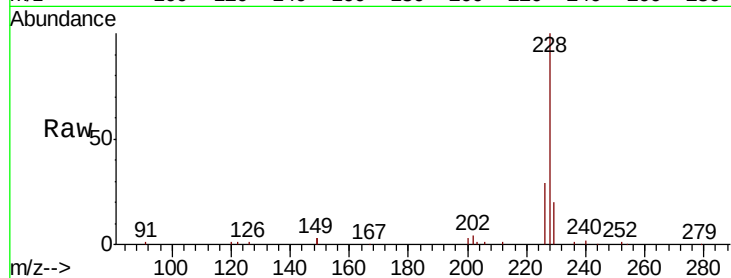
#31
 Chrysene
 Concen: 0.248 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099323.D
 Acq: 15 Apr 2019 11:32

Instrument :
 BNA_E
 ClientSampleID :
 PB118846BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	23958		
226	29.3	24.8	37.2	
229	19.8	15.4	23.0	

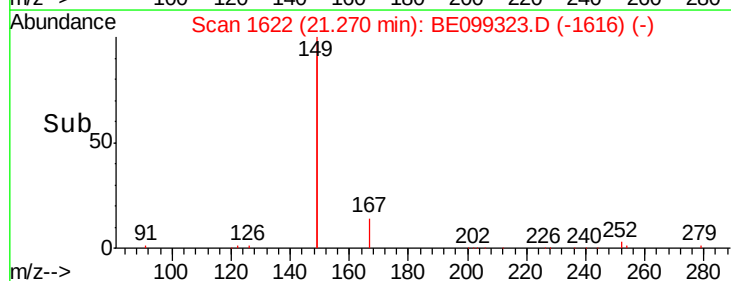
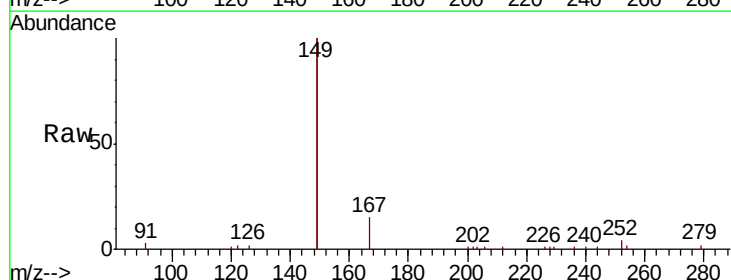
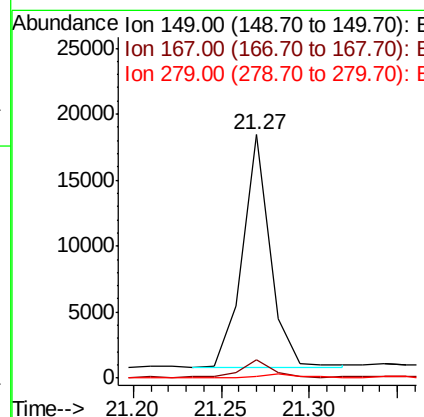
Manual Integrations
 APPROVED

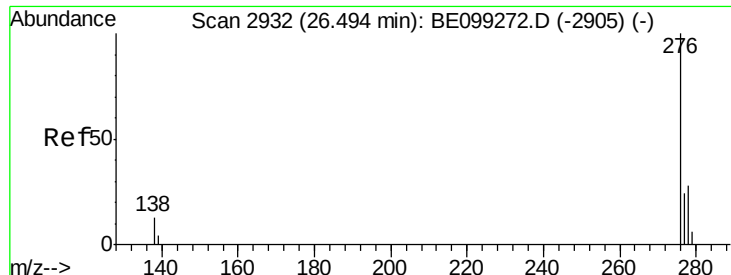
Sohil
 4/17/2019 1:11:50 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BE099323.D
 Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	19420		
167	7.6	5.9	8.9	
279	1.4	1.0	1.6	





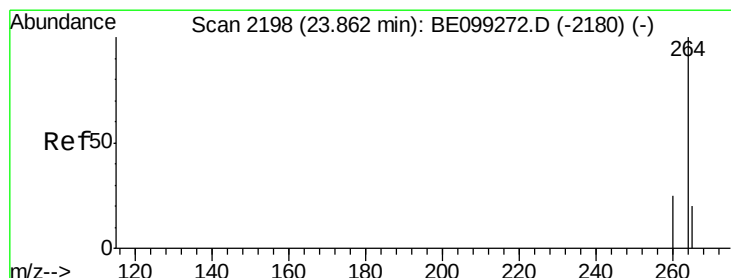
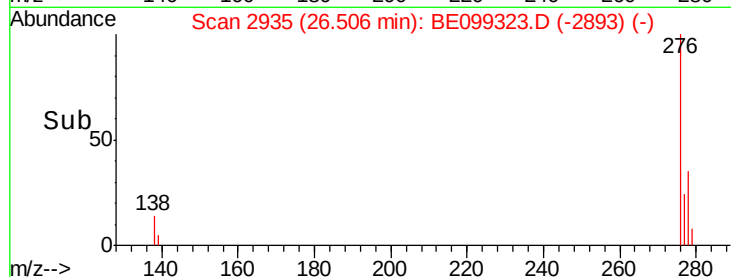
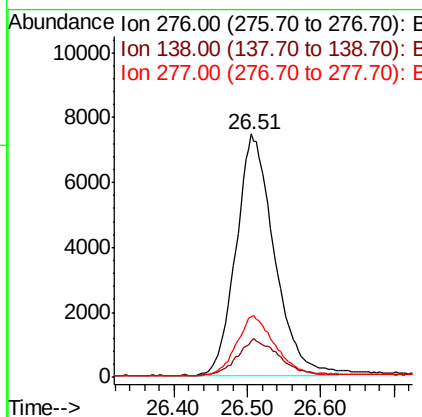
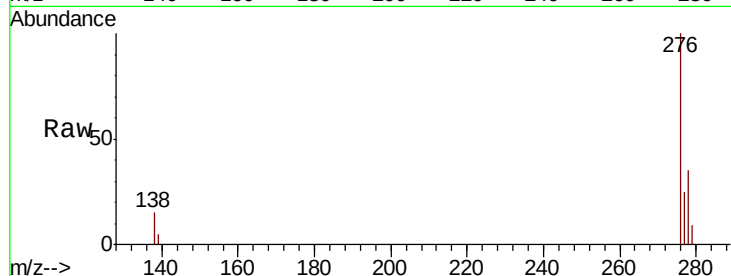
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.243 ng
 RT: 26.51 min Scan# 2935
 Delta R.T. -0.05 min
 Lab File: BE099323.D
 Acq: 15 Apr 2019 11:32

Instrument :
 BNA_E
 ClientSampleID :
 PB118846BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	26743		
138	15.8	12.9	19.3	
277	24.6	18.3	27.5	

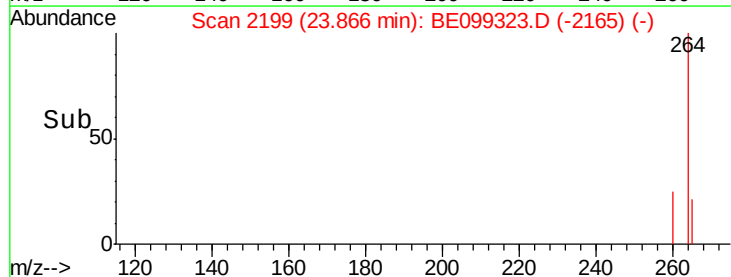
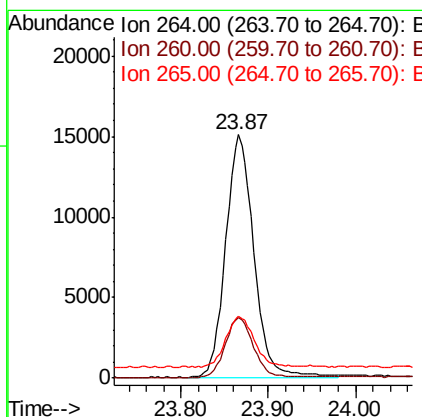
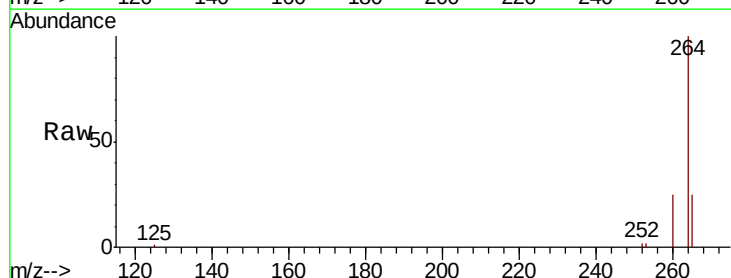
Manual Integrations
 APPROVED

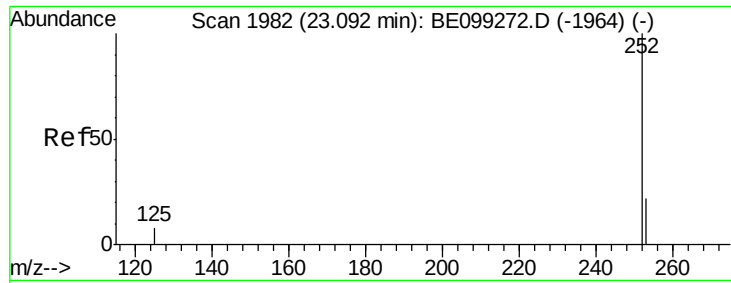
Sohil
 4/17/2019 1:11:50 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2199
 Delta R.T. -0.03 min
 Lab File: BE099323.D
 Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	33640		
260	24.9	18.2	27.2	
265	25.4	21.8	32.8	





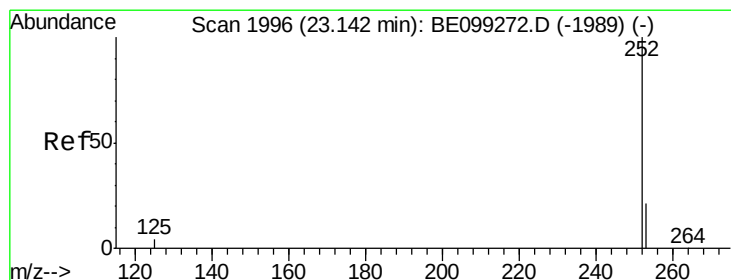
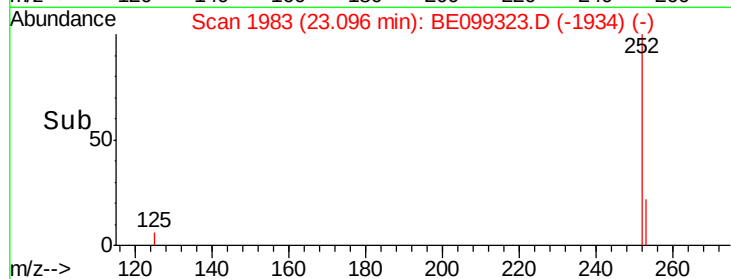
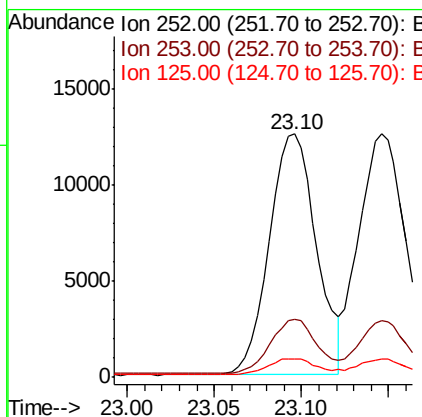
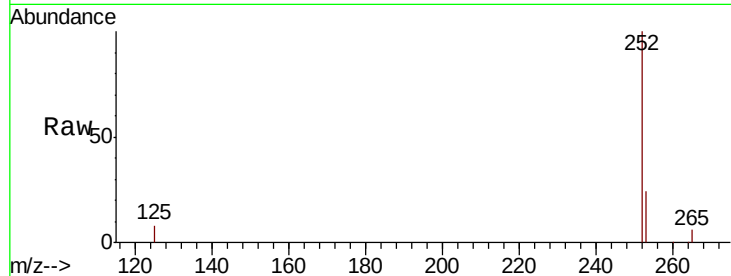
#35
Benzo(b)fluoranthene
Concen: 0.235 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	7.6	6.1	9.1

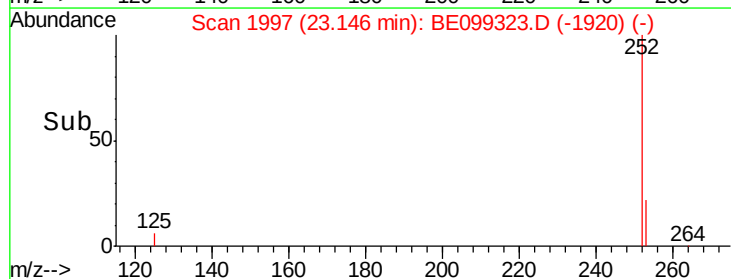
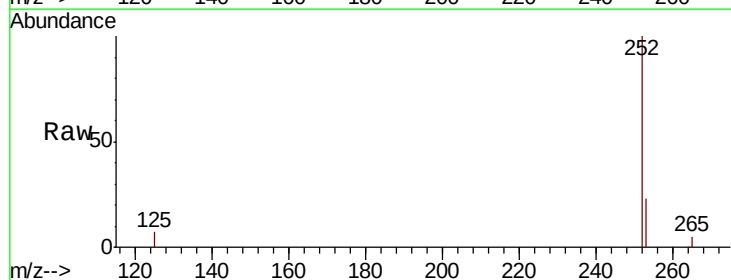
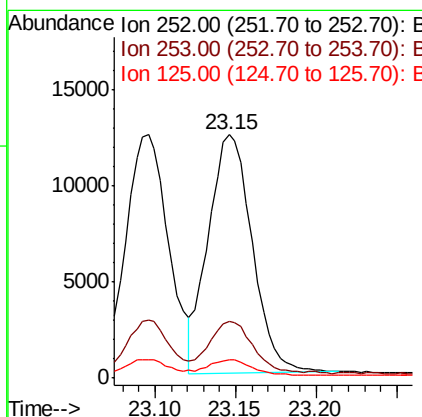
Manual Integrations
APPROVED

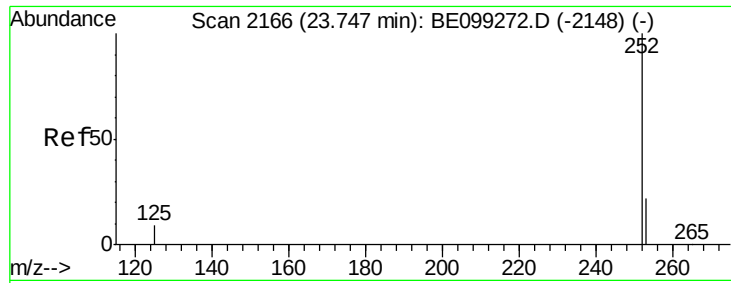
Sohil
4/17/2019 1:11:50 AM



#36
Benzo(k)fluoranthene
Concen: 0.240 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	7.5	5.9	8.9





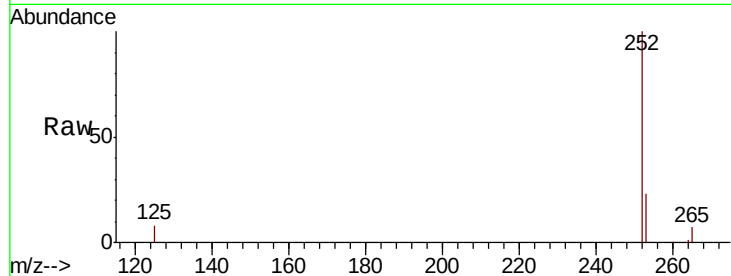
#37
Benzo(a)pyrene
Concen: 0.236 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampled :
PB118846BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	8.3	6.8	10.2

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM

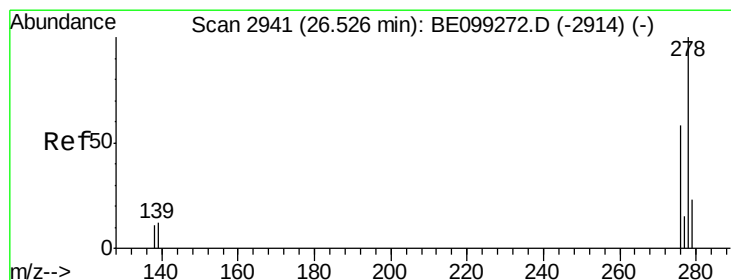
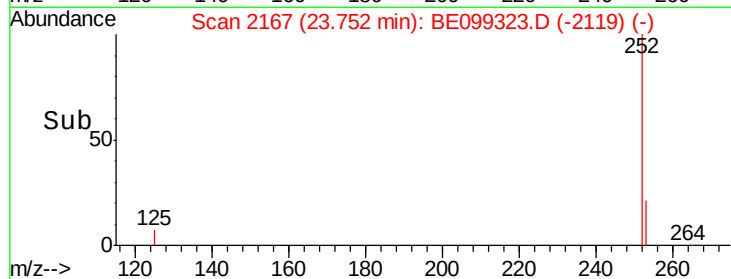
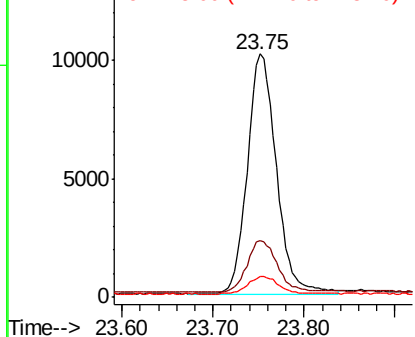


Abundance

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: 0.236 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.05 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

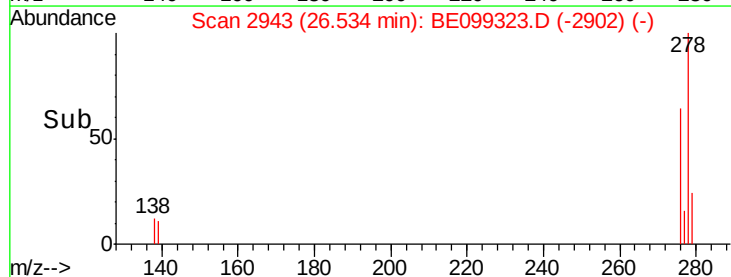
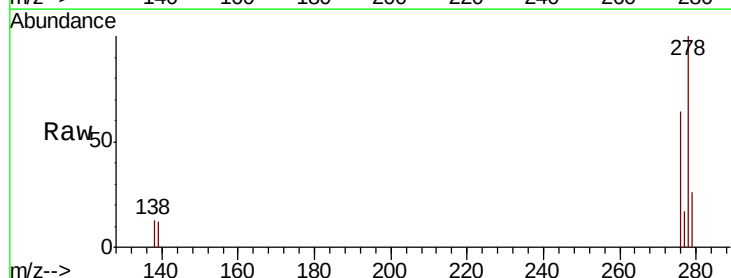
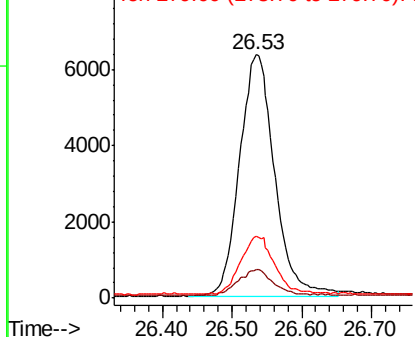
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.5	14.3
279	25.6	19.1	28.7

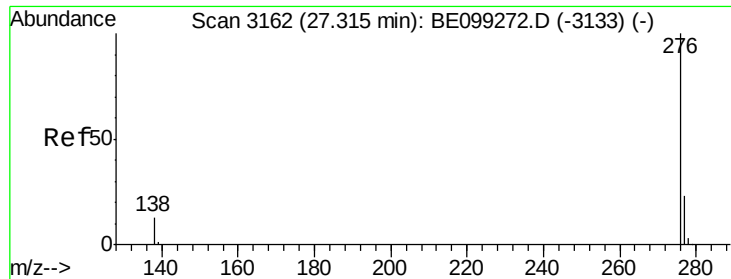
Abundance

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: 0.251 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.05 min

Lab File: BE099323.D

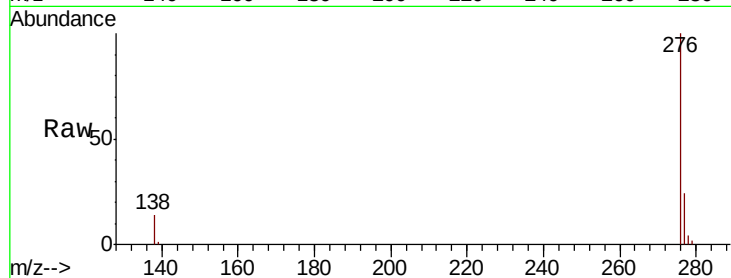
Acq: 15 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118846BS



Tgt Ion:	276	Resp:	23483
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.0	28.4
138	14.0	11.1	16.7

Manual Integrations
APPROVED

Sohil
4/17/2019 1:11:50 AM

