

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
 Data File : BE091639.D
 Acq On : 11 Apr 2016 21:46
 Operator : UM/SJ
 Sample : H2248-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

Manual Integrations
 APPROVED

Sohil
 4/12/2016 5:34:30 PM

Quant Time: Apr 12 03:16:53 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	40992	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	199821	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	123526	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	295651	5.00	ng	-0.01
26) Chrysene-d12	21.31	240	394133	5.00	ng	0.00
35) Perylene-d12	23.76	264	361404	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	62182	6.36	ng	0.00
5) Phenol-d6	6.97	99	96555	7.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	45705	3.94	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	33657	7.46	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	129220	3.76	ng	0.00
29) Terphenyl-d14	19.76	244	207908	4.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	12374	2.72	ng	# 94
3) n-Nitrosodimethylamine	3.64	42	16599	2.64	ng	92
6) bis(2-Chloroethyl)ether	7.23	93	37570m	3.32	ng	
9) Nitrobenzene	8.99	77	42689	3.00	ng	94
10) Naphthalene	10.63	128	129800	3.15	ng	98
11) Hexachlorobutadiene	10.92	225	21899	3.61	ng	97
12) 2-Methylnaphthalene	12.24	142	93064	3.54	ng	99
16) Acenaphthylene	14.14	152	163079	3.40	ng	# 86
17) Acenaphthene	14.47	154	96580	3.19	ng	89
18) Fluorene	15.46	166	127855	3.38	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	36097	3.46	ng	96
21) Hexachlorobenzene	16.46	284	36270	3.35	ng	99
22) Pentachlorophenol	16.79	266	22878	4.16	ng	# 88
23) Phenanthrene	17.19	178	226583	3.36	ng	99
24) Anthracene	17.29	178	217226m	3.63	ng	
25) Fluoranthene	19.21	202	264693	3.71	ng	97
27) Benzidine	19.38	184	5420m	0.46	ng	
28) Pyrene	19.55	202	283232	3.59	ng	99
30) Benzo(a)anthracene	21.29	228	340646m	3.86	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	63936	1.13	ng	# 77
32) Chrysene	21.34	228	292550m	3.66	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	132388	2.27	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.32	276	322612	3.61	ng	96
36) Benzo(b)fluoranthene	23.00	252	318586	3.80	ng	98
37) Benzo(k)fluoranthene	23.05	252	269292	3.25	ng	98
38) Benzo(a)pyrene	23.64	252	288546	3.70	ng	98
39) Dibenzo(a,h)anthracene	26.34	278	267132	3.48	ng	96
40) Benzo(g,h,i)perylene	27.10	276	275641	3.48	ng	96

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

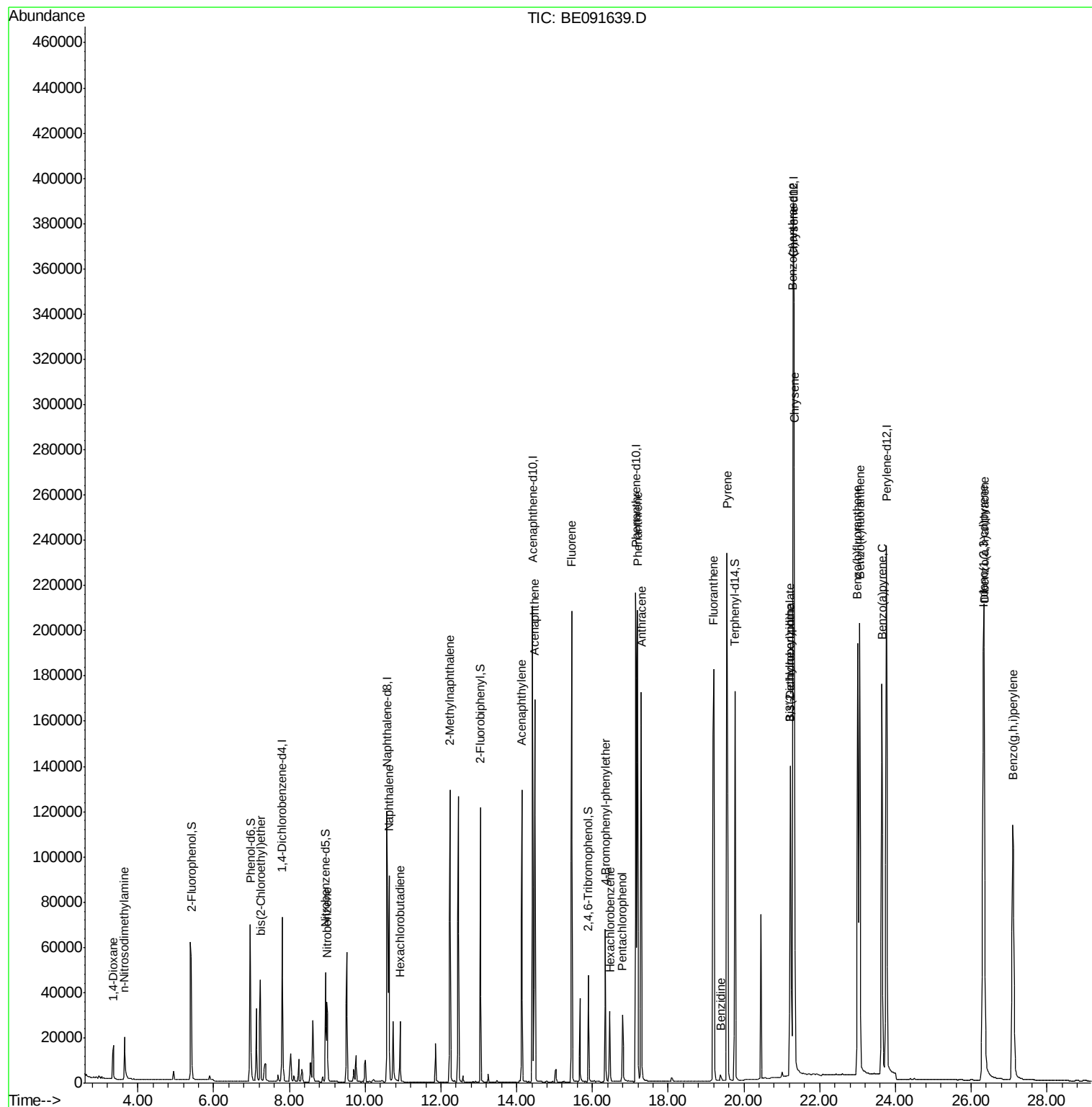
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091639.D
Acq On : 11 Apr 2016 21:46
Operator : UM/SJ
Sample : H2248-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

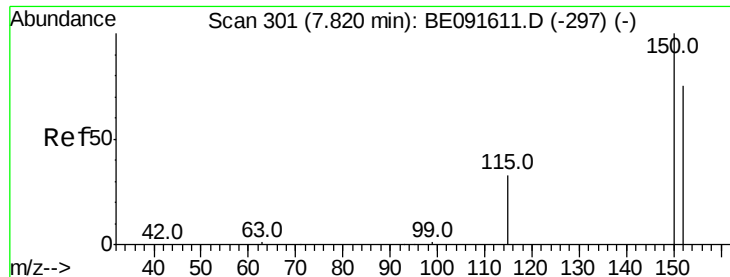
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Manual Integrations
APPROVED

Sohil
4/12/2016 5:34:30 PM

Quant Time: Apr 12 03:16:53 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

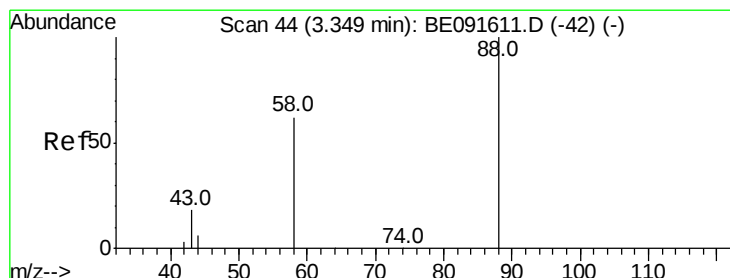
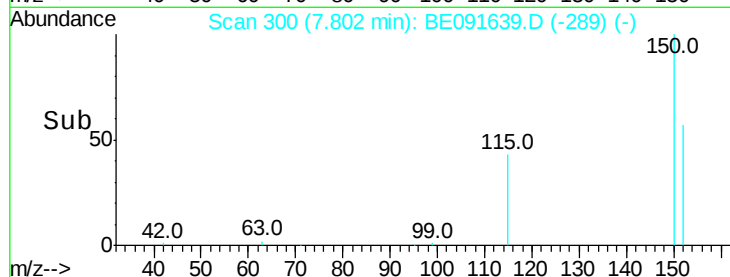
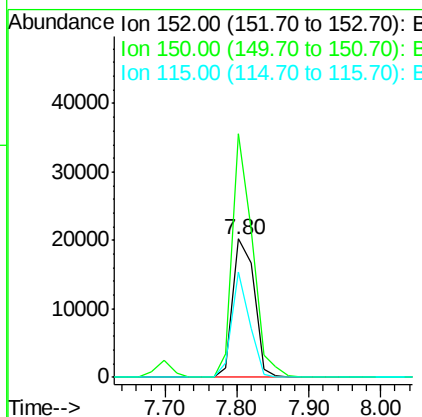
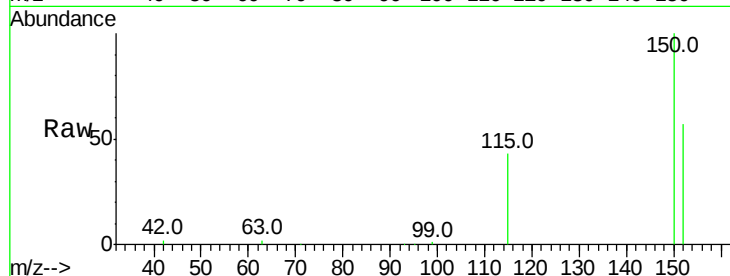
TILCONMHDGA005MSD

Manual Integrations
APPROVED

Sohil

4/12/2016 5:34:30 PM

Tot Ion:	152	Resp:	40992
Ion	Ratio	Lower	Upper
152	100		
150	176.3	122.6	183.8
115	76.5	52.8	79.2



#2

1,4-Dioxane

Concen: 2.72 ng

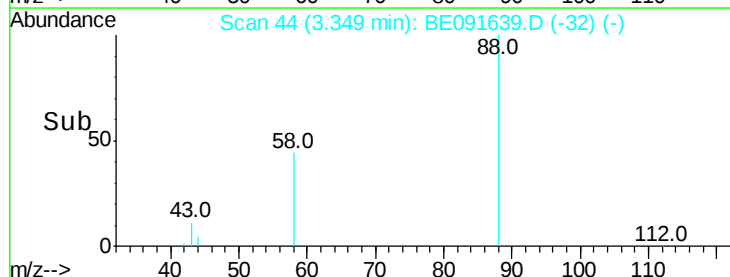
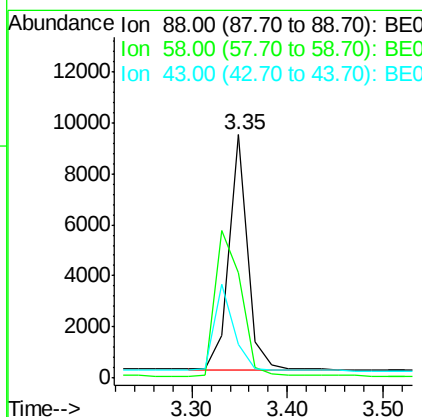
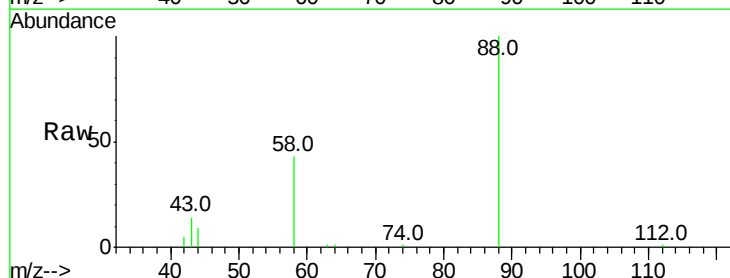
RT: 3.35 min Scan# 44

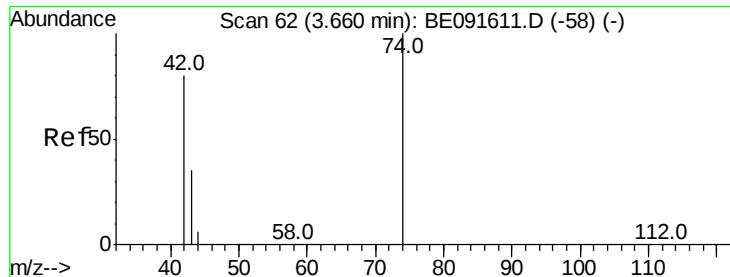
Delta R.T. 0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion:	88	Resp:	12374
Ion	Ratio	Lower	Upper
88	100		
58	85.9	65.8	98.6
43	38.5	25.3	37.9#





#3

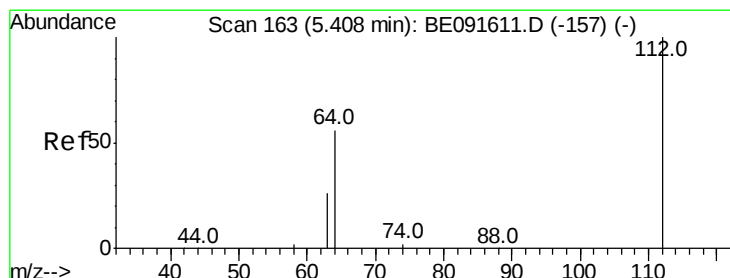
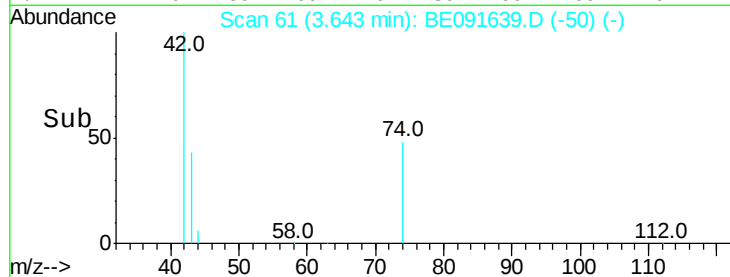
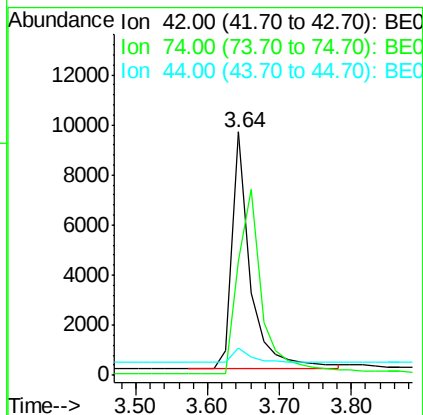
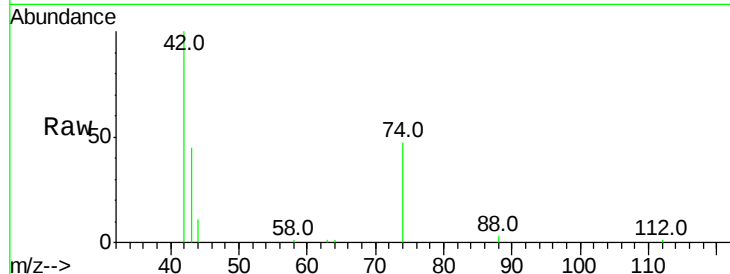
n-Nitrosodimethylamine
Concen: 2.64 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	101.4	87.9	131.9
44	6.6	6.6	9.8

Manual Integrations
APPROVED

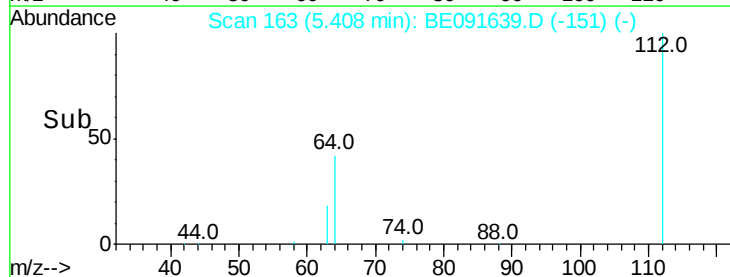
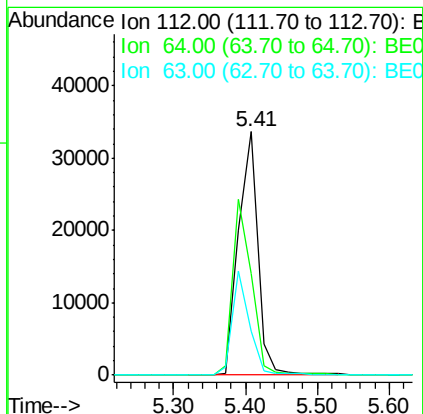
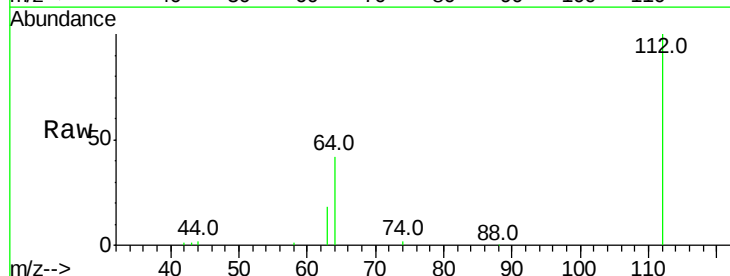
Sohil
4/12/2016 5:34:30 PM

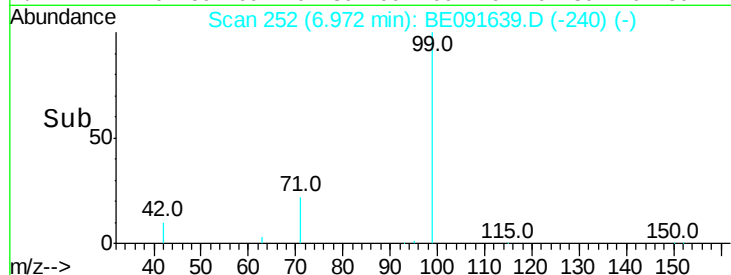
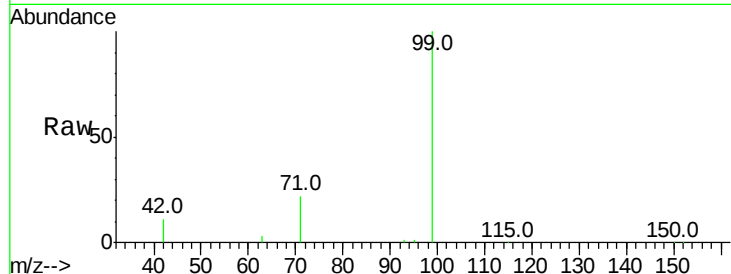
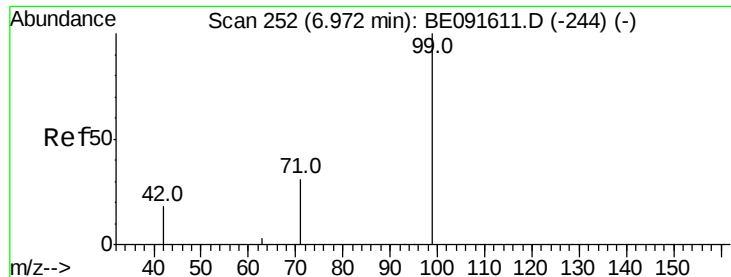


#4

2-Fluorophenol
Concen: 6.36 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	30.9	46.3#
63	37.4	16.7	25.1#





#5

Phenol-d6

Concen: 7.40 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tot Ion:	99	Resp:	96555
Ion Ratio	Lower	Upper	
99	100		
42	25.8	16.2	24.2#
71	36.3	29.0	43.4

Instrument :

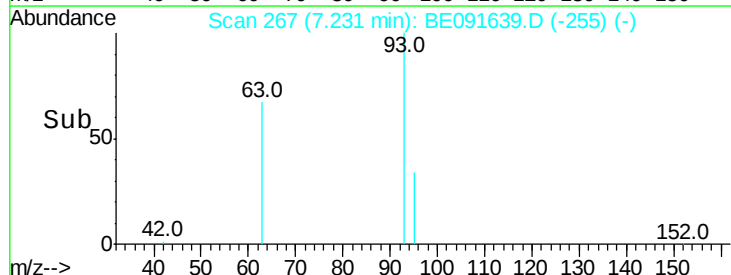
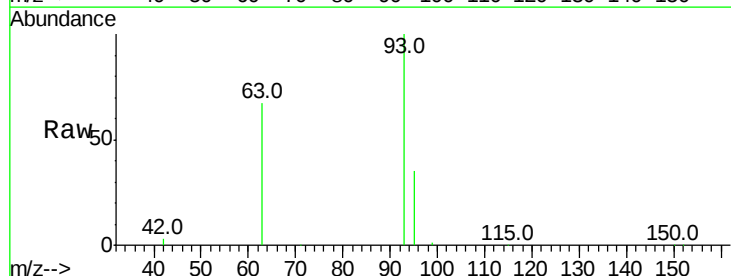
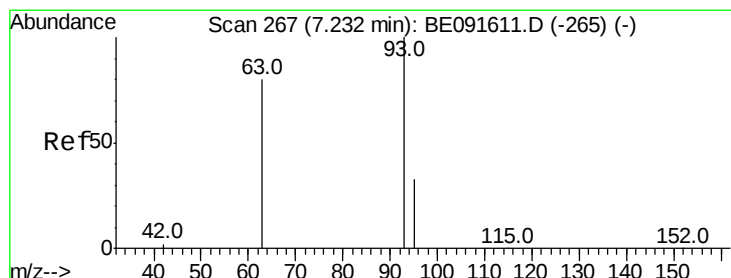
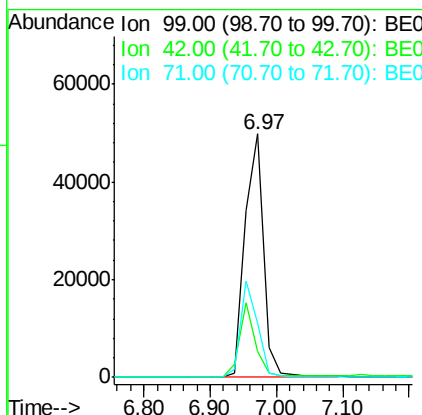
BNA_E

ClientSampleId :

TILCONMHDGA005MSD

Manual Integrations
APPROVED

Sohil
4/12/2016 5:34:30 PM



#6

bis(2-Chloroethyl)ether

Concen: 3.32 ng m

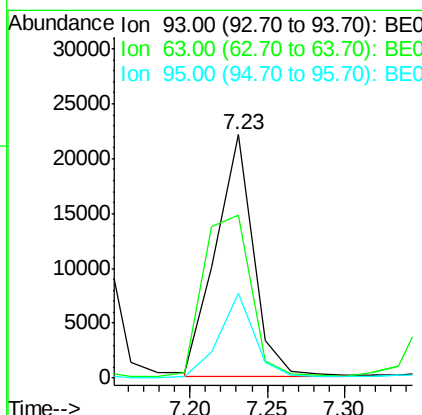
RT: 7.23 min Scan# 267

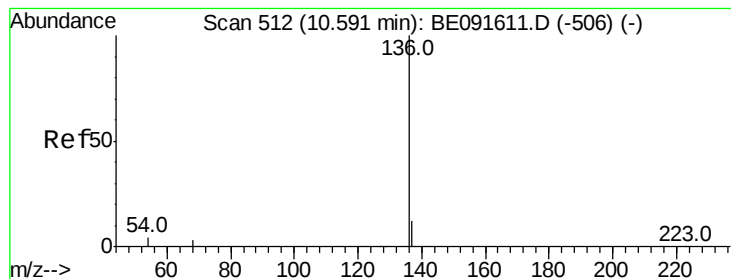
Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion:	93	Resp:	37570
Ion Ratio	Lower	Upper	
93	100		
63	84.9	49.5	74.3#
95	32.2	22.2	33.4





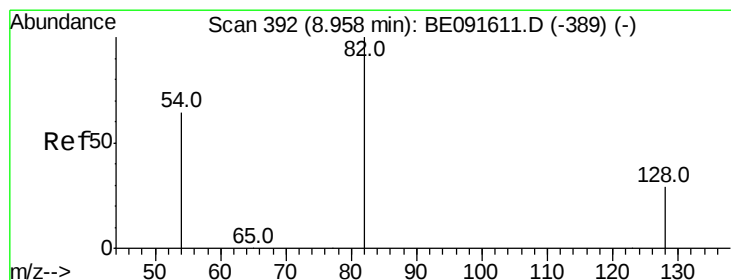
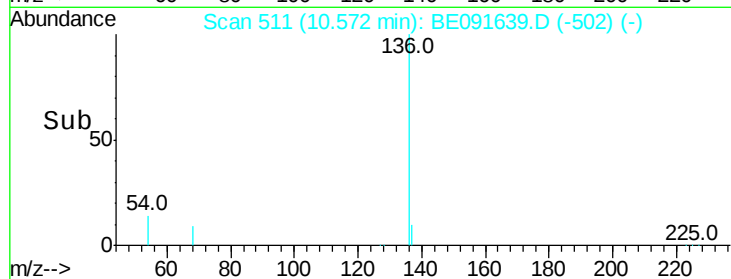
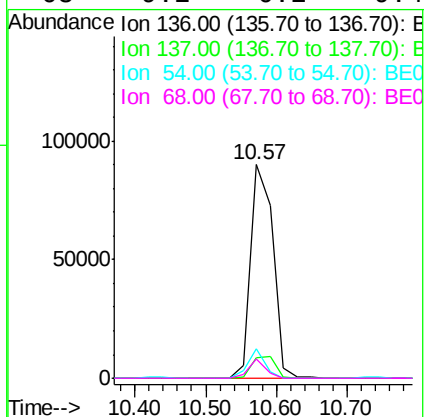
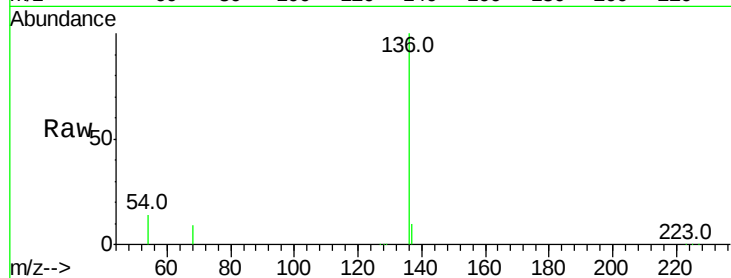
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.02 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.9	8.9	13.3
54	13.7	8.2	12.4
68	9.2	6.2	9.4

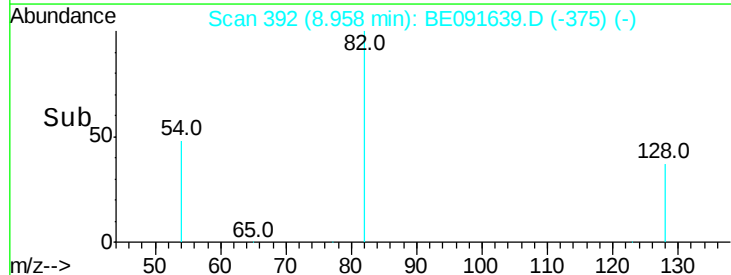
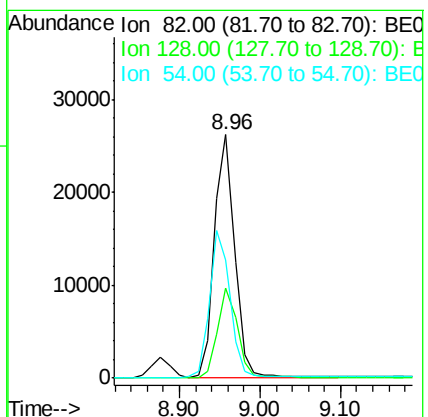
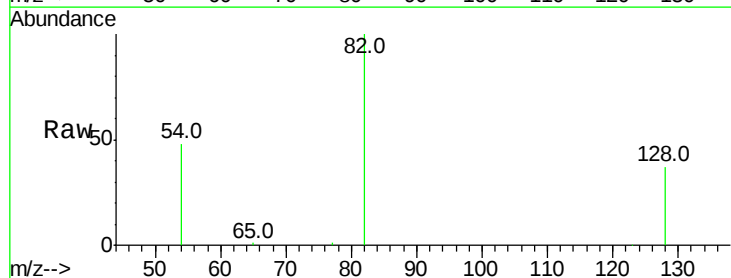
Manual Integrations
APPROVED

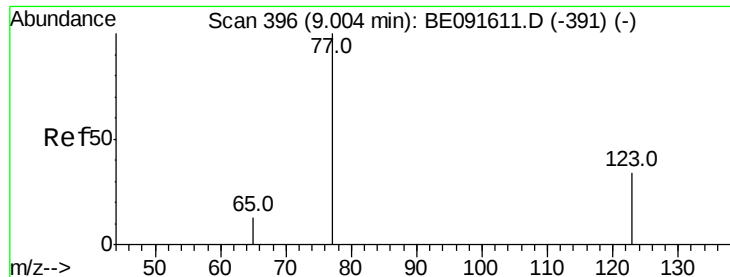
Sohil
4/12/2016 5:34:30 PM



#8
Nitrobenzene-d5
Concen: 3.94 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	36.9	25.4	38.0
54	48.4	48.4	72.6





#9

Nitrobenzene

Concen: 3.00 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

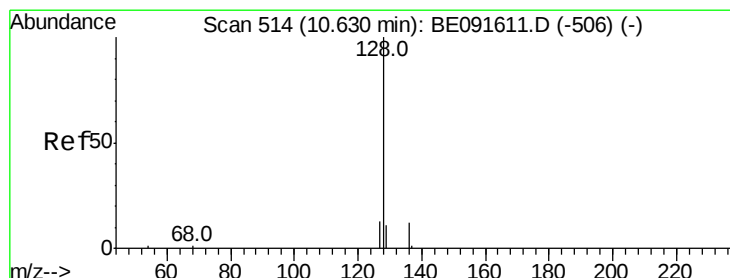
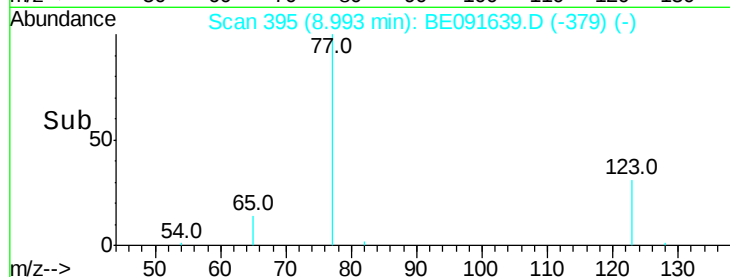
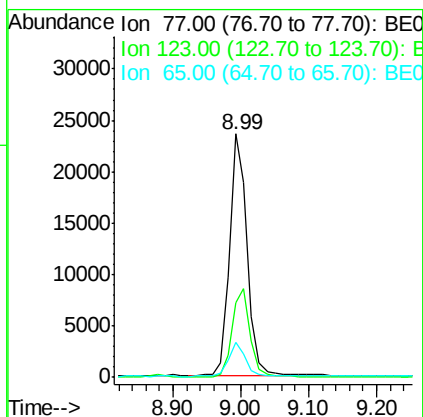
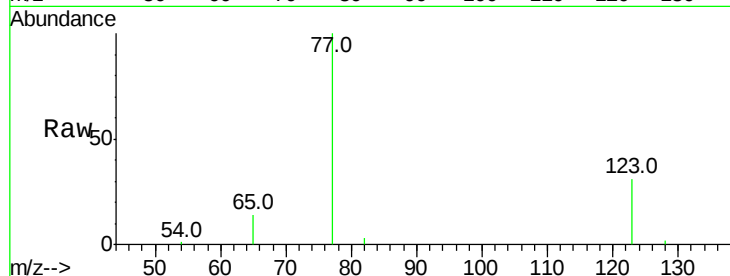
TILCONMHDGA005MSD

Manual Integrations
APPROVED

Sohil

4/12/2016 5:34:30 PM

Tot Ion:	77	Resp:	42689
Ion Ratio	Lower	Upper	
77	100		
123	37.2	26.9	40.3
65	13.9	9.4	14.2



#10

Naphthalene

Concen: 3.15 ng

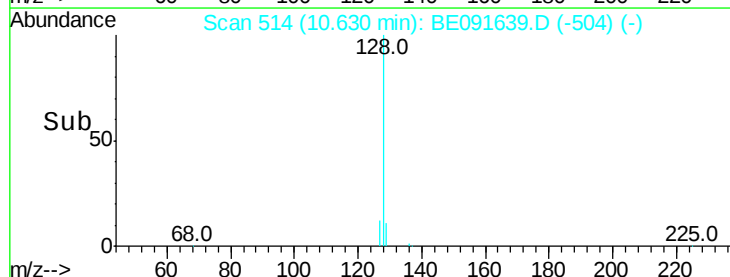
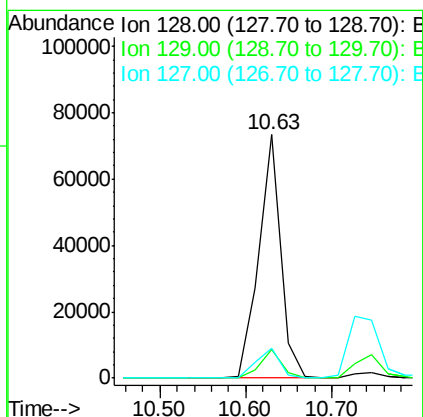
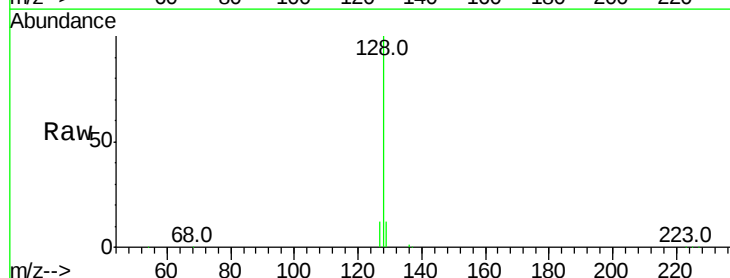
RT: 10.63 min Scan# 514

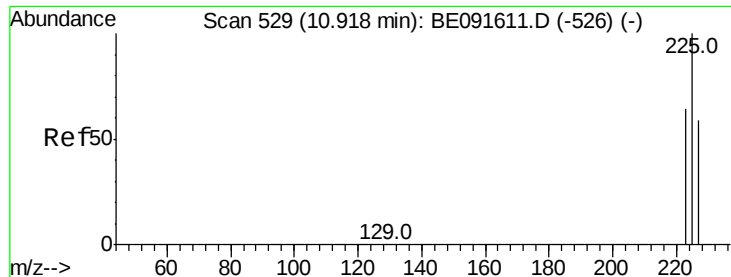
Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion:	128	Resp:	129800
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.3	13.9
127	12.0	10.7	16.1





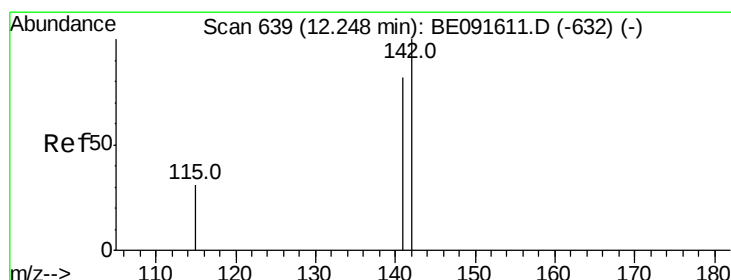
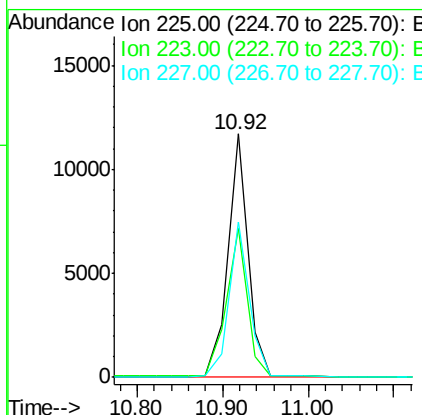
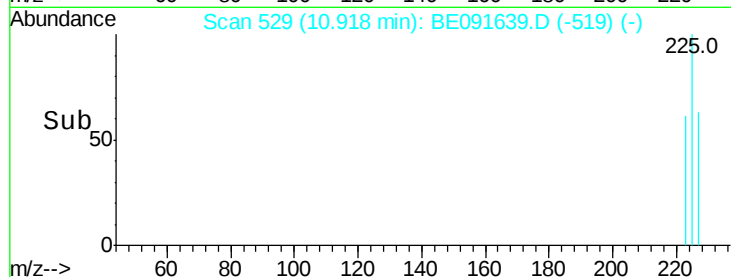
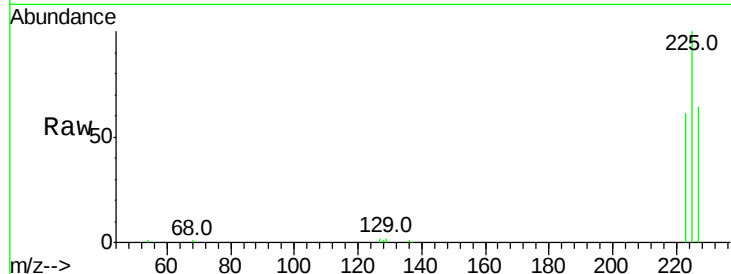
#11
Hexachlorobutadiene
Concen: 3.61 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	64.6	50.3	75.5

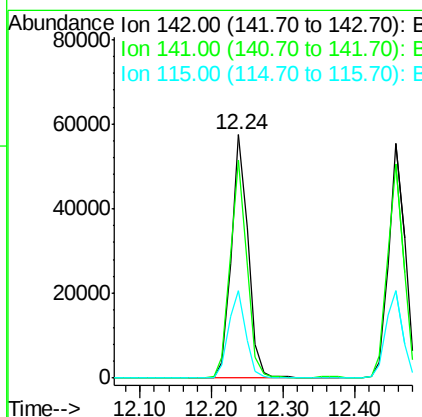
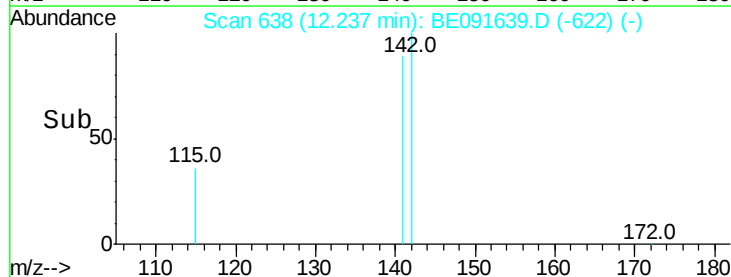
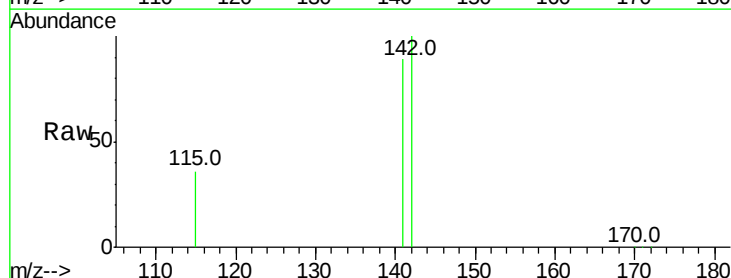
Manual Integrations
APPROVED

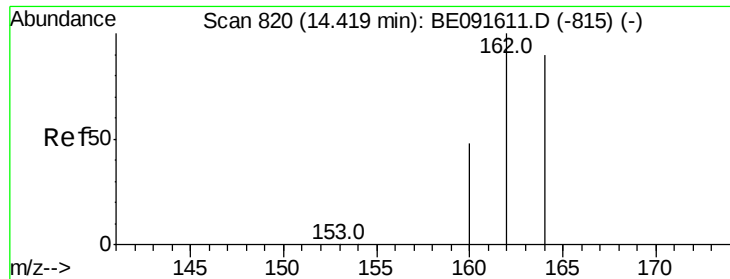
Sohil
4/12/2016 5:34:30 PM



#12
2-Methylnaphthalene
Concen: 3.54 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0
115	35.9	30.3	45.5





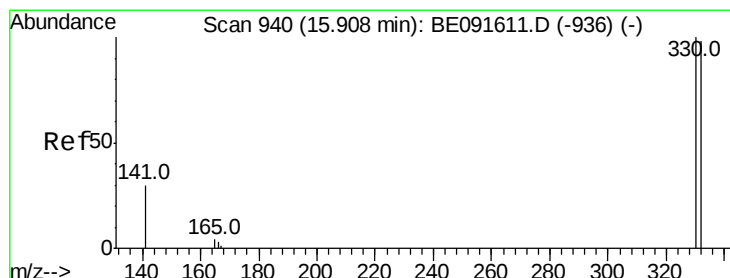
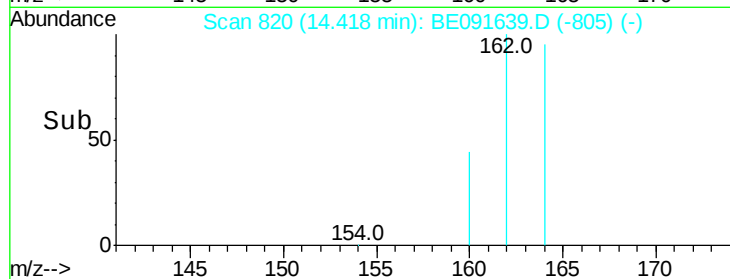
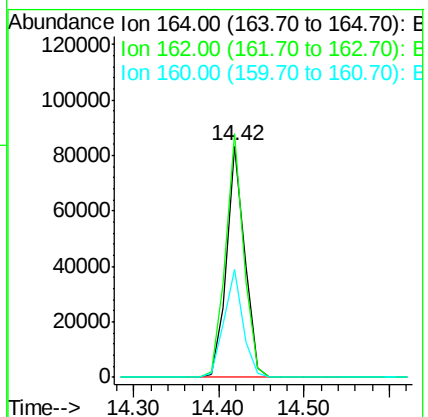
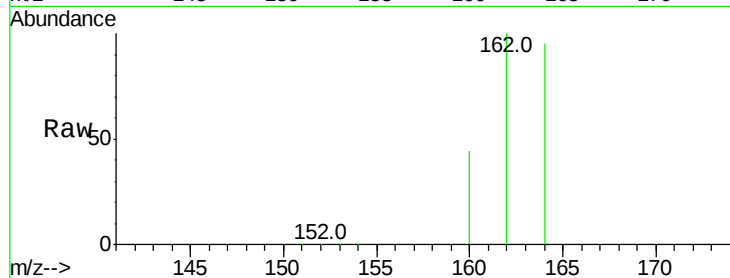
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.3	127.9
160	46.5	46.2	69.2

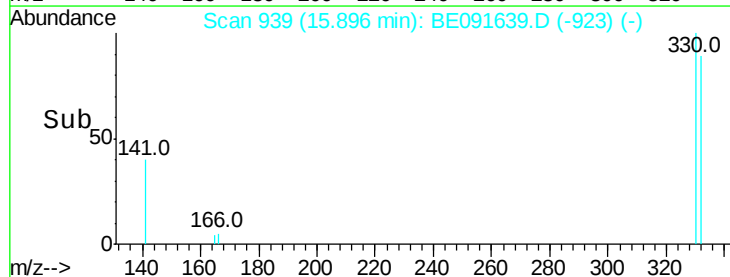
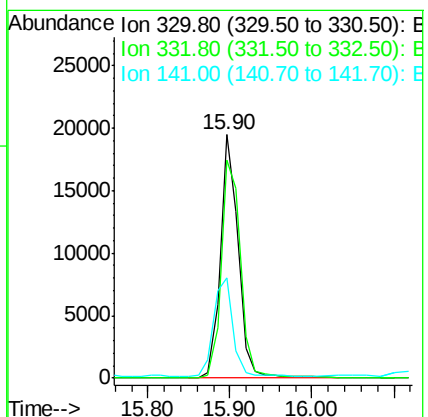
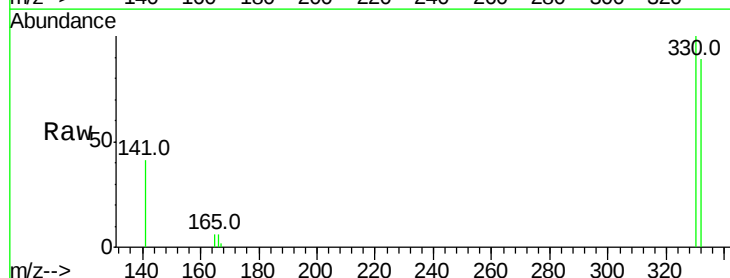
Manual Integrations
APPROVED

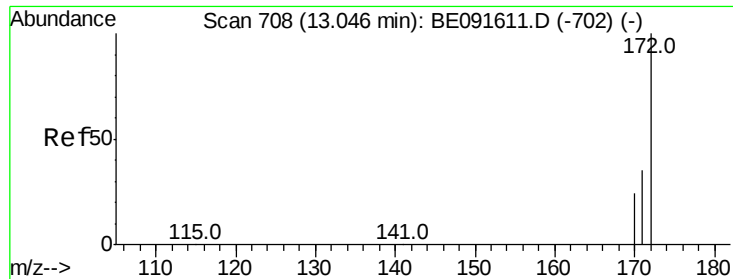
Sohil
4/12/2016 5:34:30 PM



#14
2,4,6-Tribromophenol
Concen: 7.46 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	38.8	125.4	188.0#





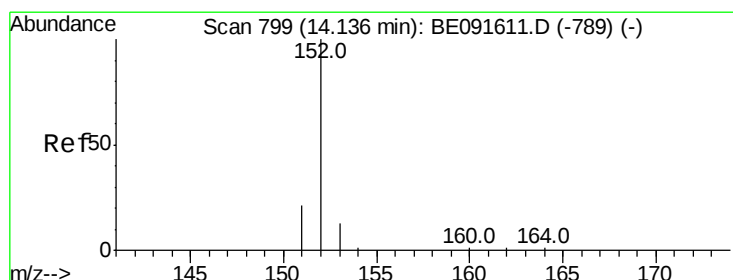
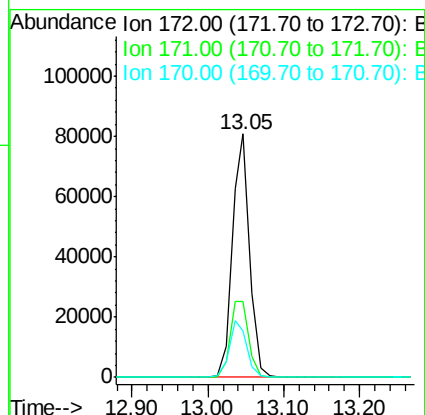
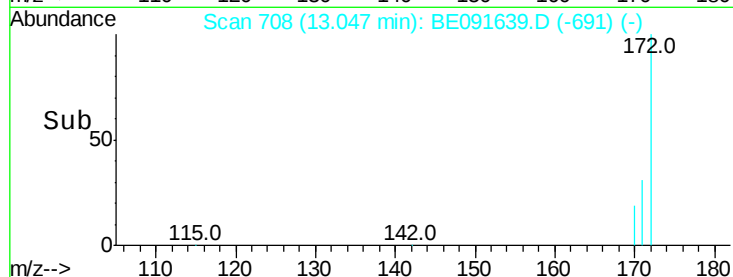
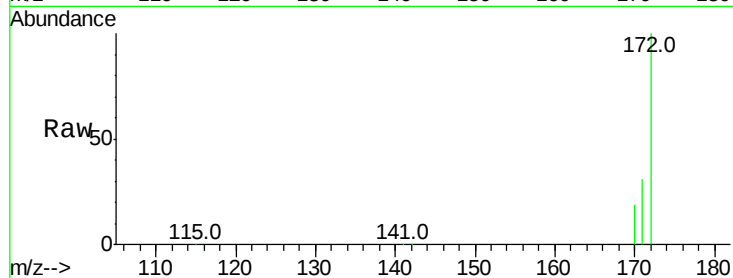
#15
2-Fluorobiphenyl
Concen: 3.76 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	129220		
171	31.1	28.8	43.2	
170	18.9	19.3	28.9	

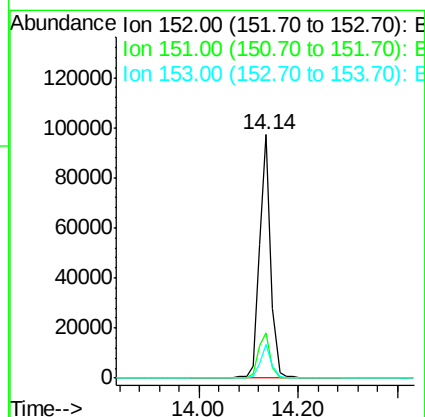
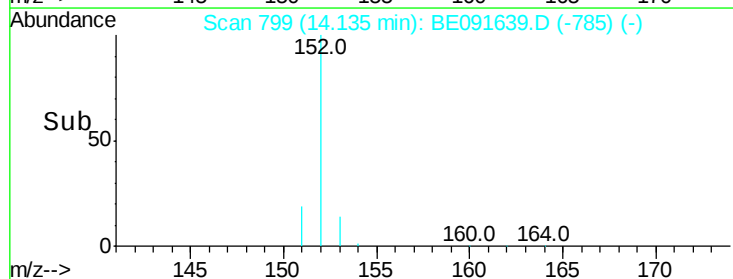
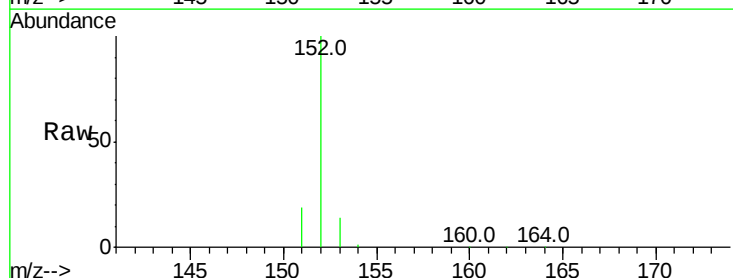
Manual Integrations
APPROVED

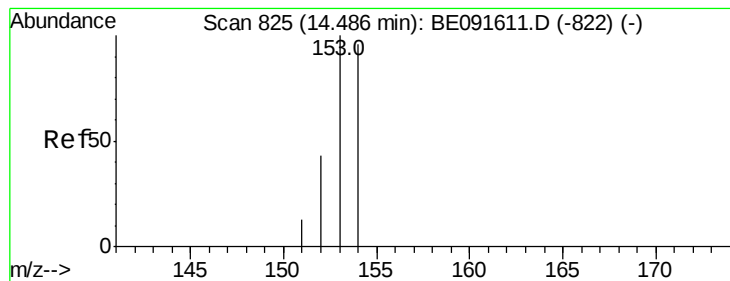
Sohil
4/12/2016 5:34:30 PM



#16
Acenaphthylene
Concen: 3.40 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	163079		
151	20.1	3.9	5.9	
153	13.7	10.3	15.5	





#17

Acenaphthene

Concen: 3.19 ng

RT: 14.47 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

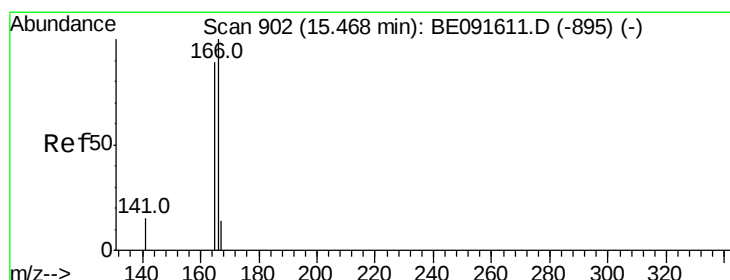
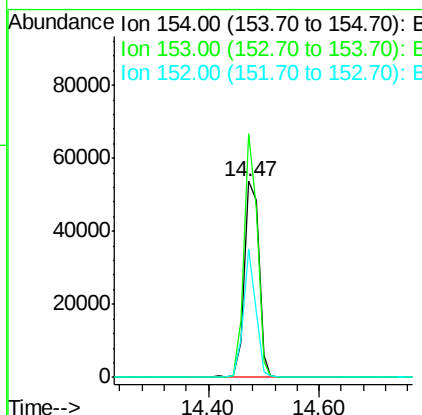
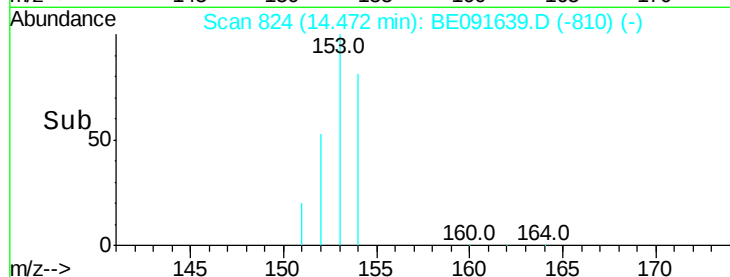
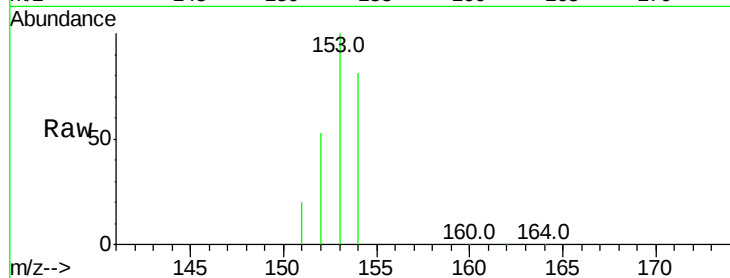
TILCONMHDGA005MSD

Manual Integrations
APPROVED

Sohil

4/12/2016 5:34:30 PM

Tot Ion:	154	Resp:	96580
Ion Ratio	Lower	Upper	
154	100		
153	112.3	80.0	120.0
152	54.9	40.0	60.0



#18

Fluorene

Concen: 3.38 ng

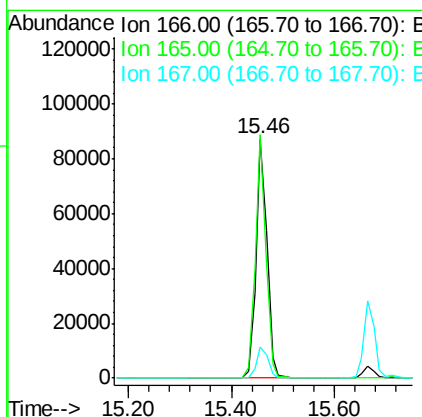
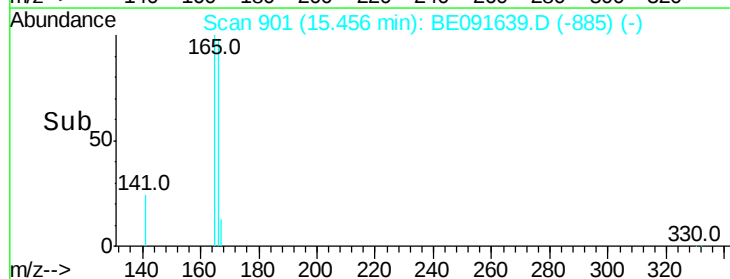
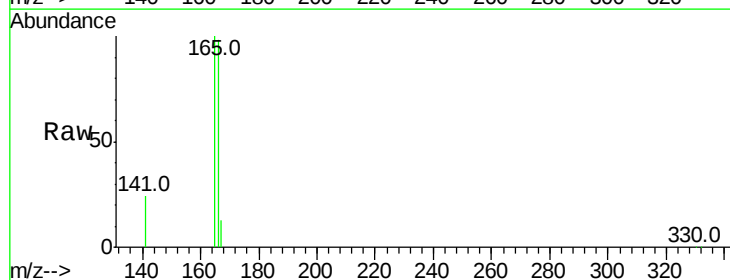
RT: 15.46 min Scan# 901

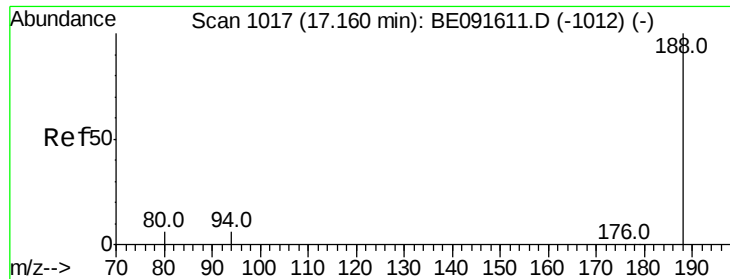
Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion:	166	Resp:	127855
Ion Ratio	Lower	Upper	
166	100		
165	98.4	80.8	121.2
167	13.7	10.9	16.3





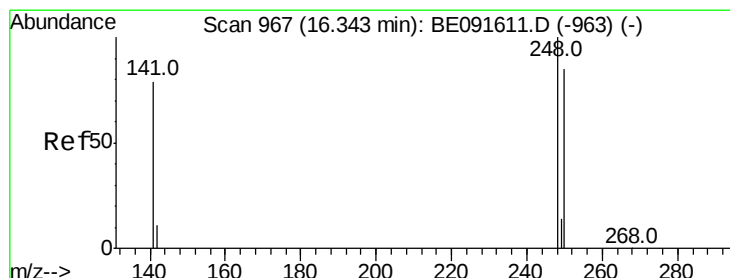
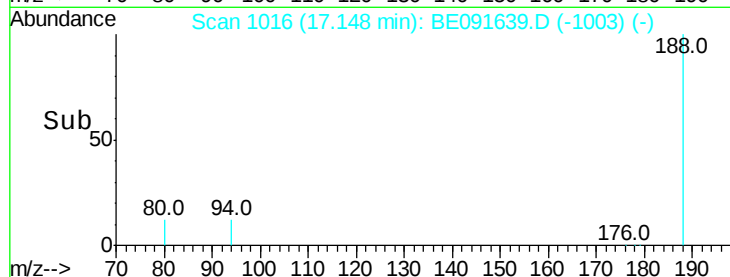
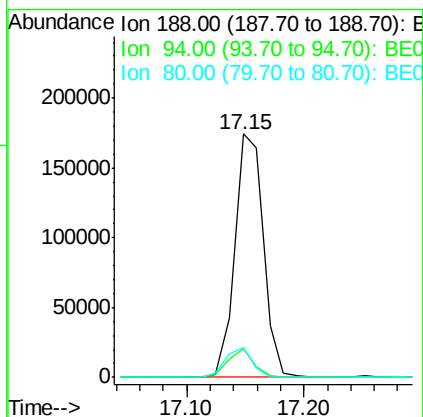
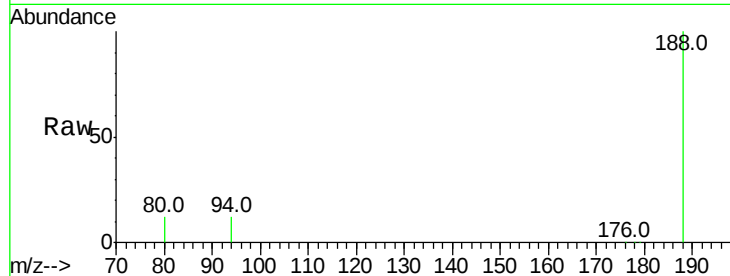
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	8.7	13.1
80	12.3	9.4	14.0

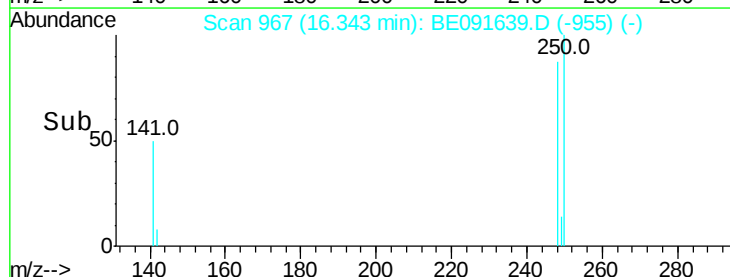
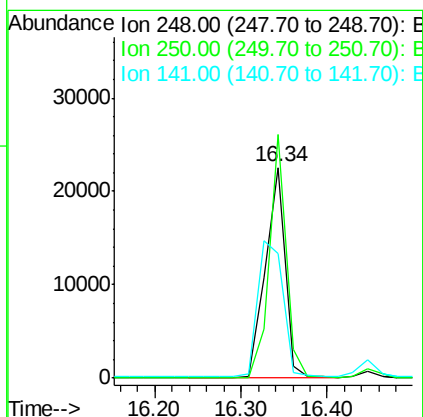
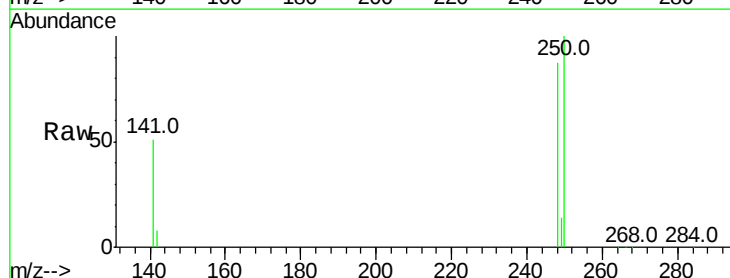
Manual Integrations
APPROVED

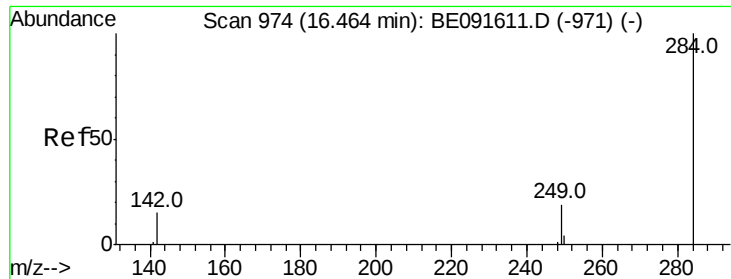
Sohil
4/12/2016 5:34:30 PM



#20
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	99.2	80.5	120.7
141	82.9	72.0	108.0





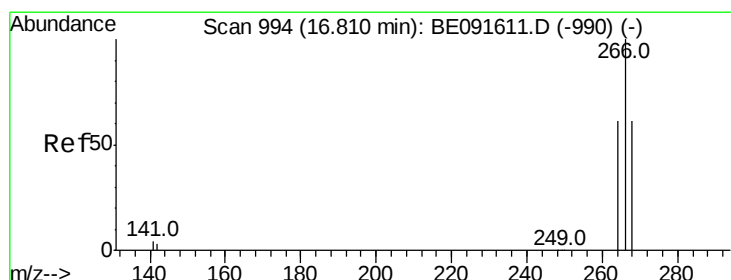
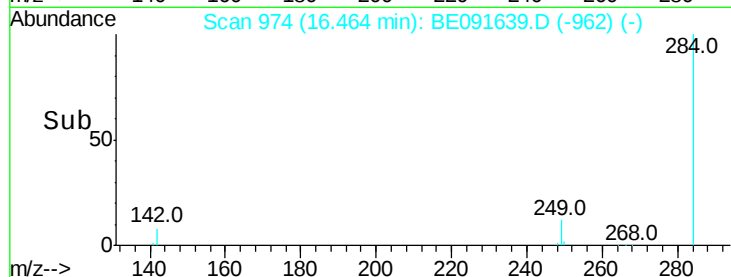
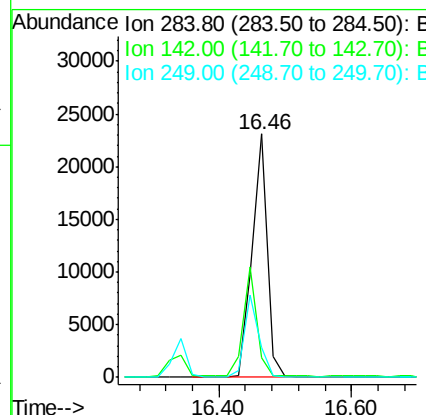
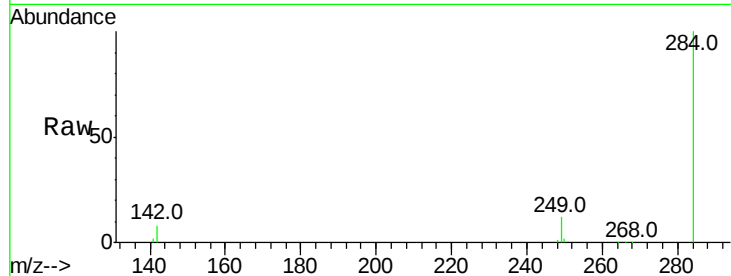
#21
Hexachlorobenzene
Concen: 3.35 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.6	32.2	48.2
249	32.5	25.4	38.2

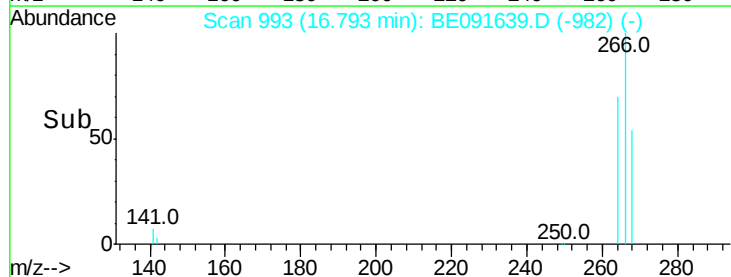
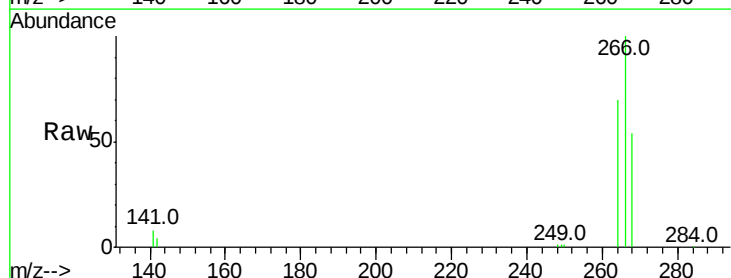
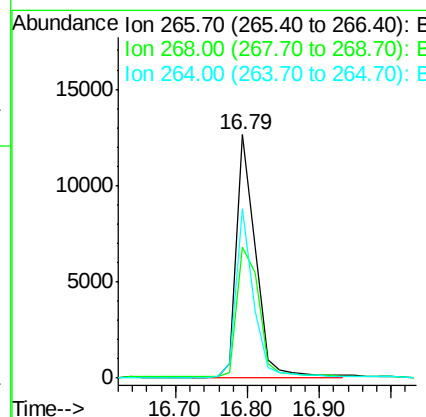
Manual Integrations
APPROVED

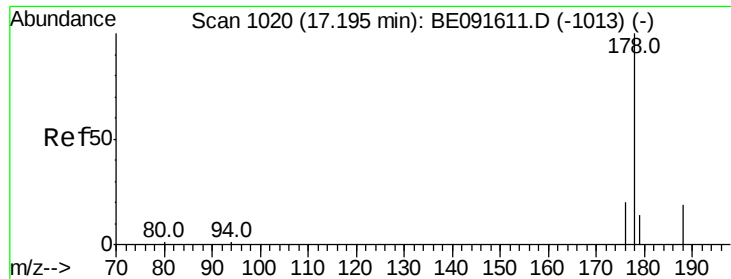
Sohil
4/12/2016 5:34:30 PM



#22
Pentachlorophenol
Concen: 4.16 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	54.1	58.2	87.2#
264	69.7	56.2	84.4





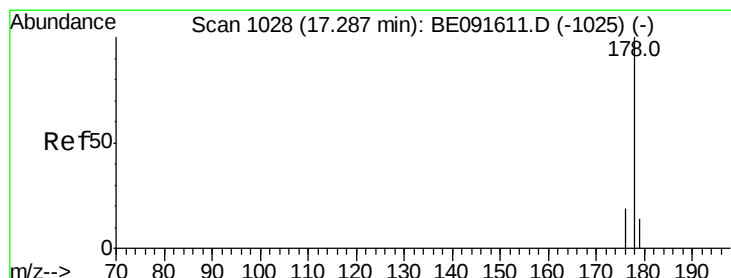
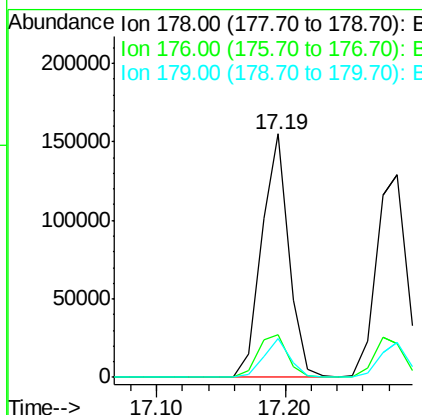
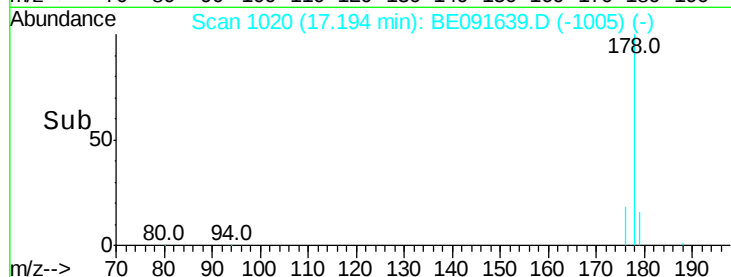
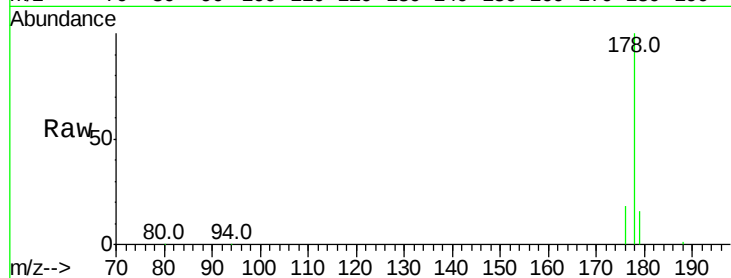
#23
Phenanthrene
Concen: 3.36 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.6	18.8

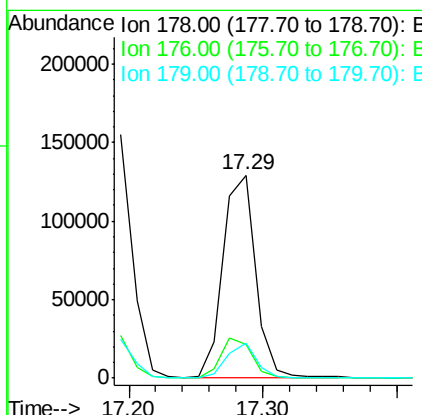
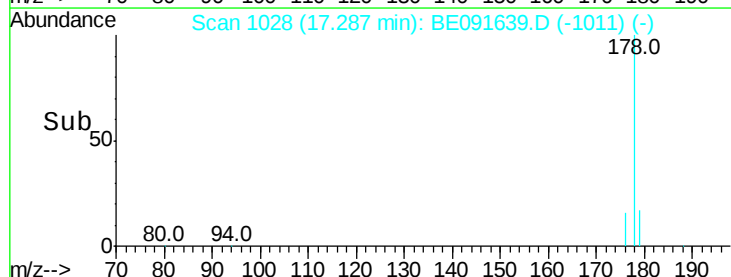
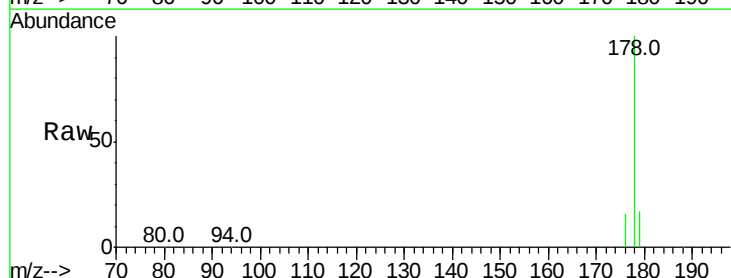
Manual Integrations
APPROVED

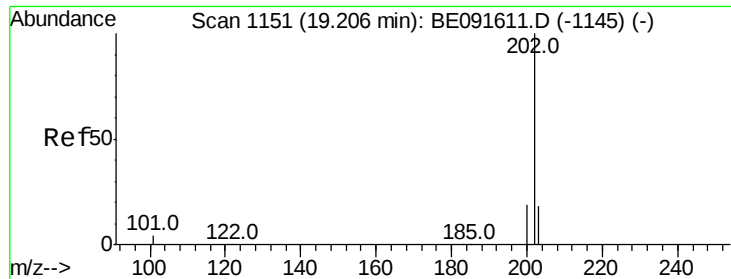
Sohil
4/12/2016 5:34:30 PM



#24
Anthracene
Concen: 3.63 ng m
RT: 17.29 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE091639.D
Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.5	11.8	17.6





#25

Fluoranthene

Concen: 3.71 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

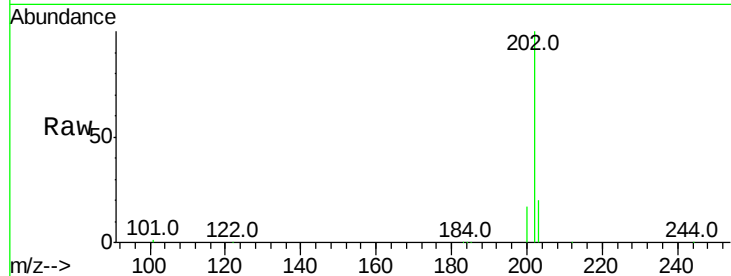
ClientSampleId :

TILCONMHDGA005MSD

Tot Ion:	202	Resp:	264693
Ion Ratio	Lower	Upper	
202	100		
101	11.8	11.0	16.6
203	17.8	13.9	20.9

Manual Integrations
APPROVED

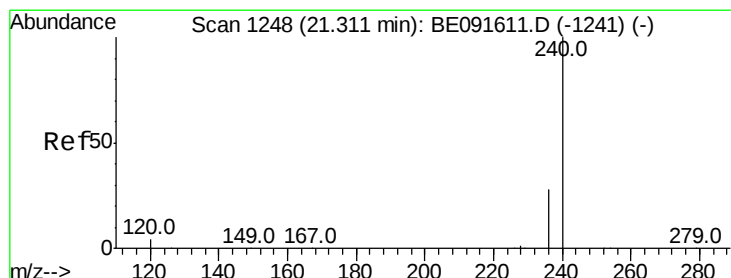
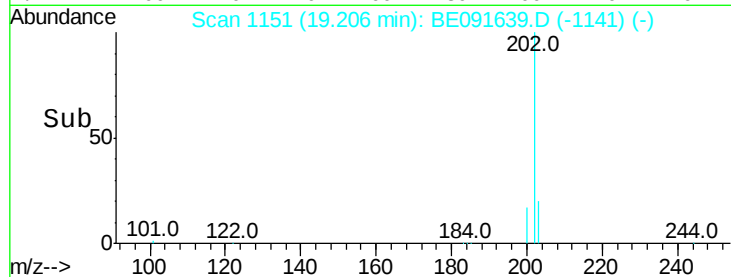
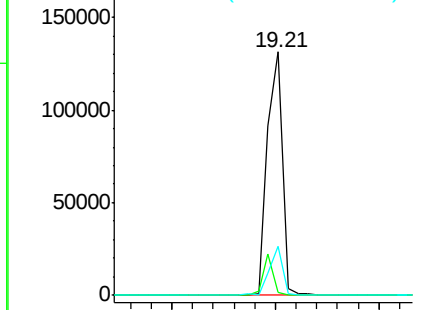
Sohil
4/12/2016 5:34:30 PM



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



#26

Chrysene-d12

Concen: 5.00 ng

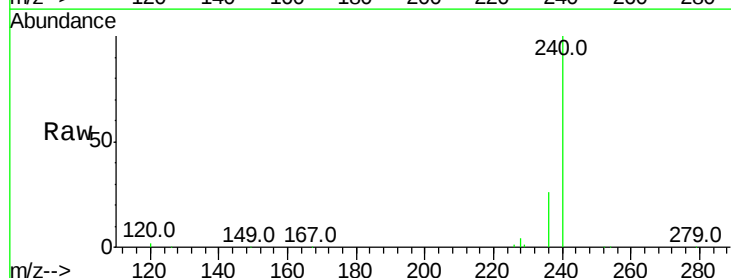
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

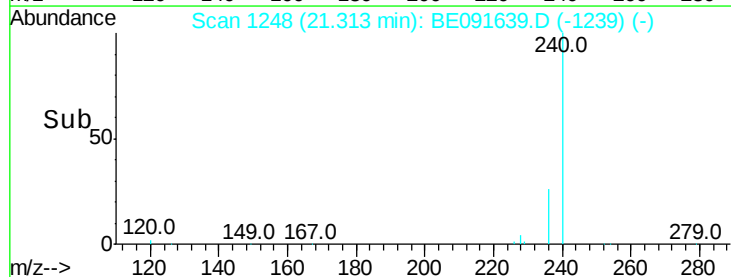
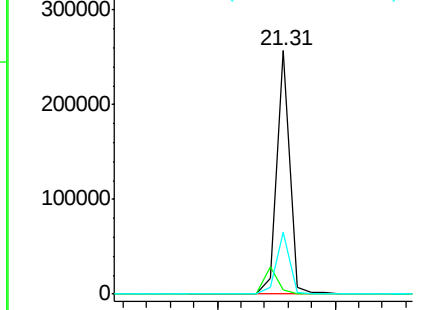
Tgt Ion:	240	Resp:	394133
Ion Ratio	Lower	Upper	
240	100		
120	1.6	11.0	16.4#
236	25.6	21.7	32.5

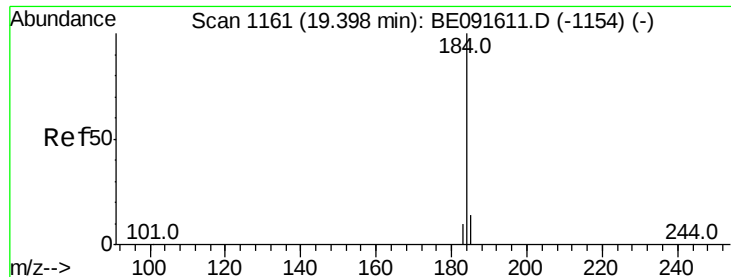


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.46 ng/ml

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

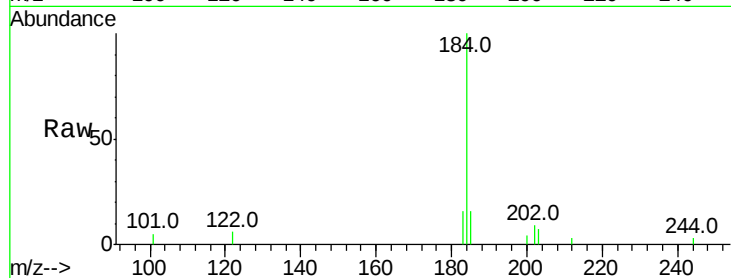
ClientSampleId :

TILCONMHDGA005MSD

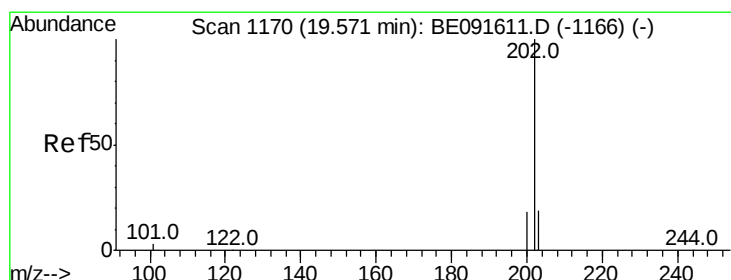
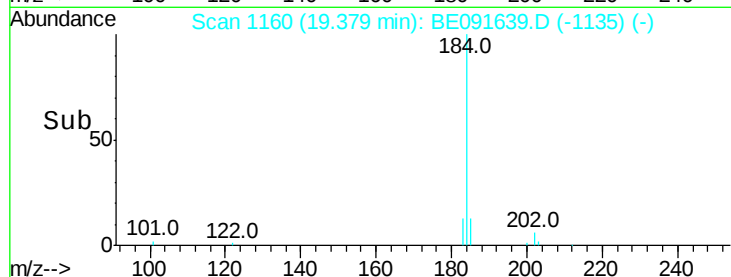
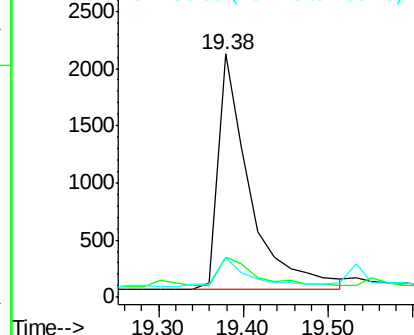
Tot Ion:	184	Resp:	5420
Ion Ratio	Lower	Upper	
184	100		
185	16.5	22.3	33.5#
183	16.4	16.4	24.6

Manual Integrations
APPROVED

Sohil
4/12/2016 5:34:30 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 3.59 ng

RT: 19.55 min Scan# 1169

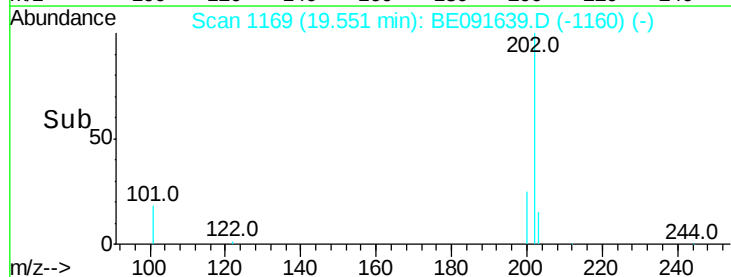
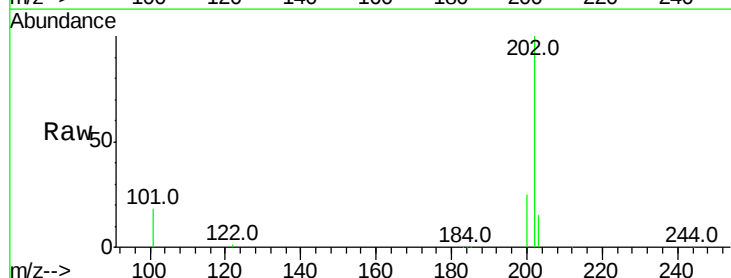
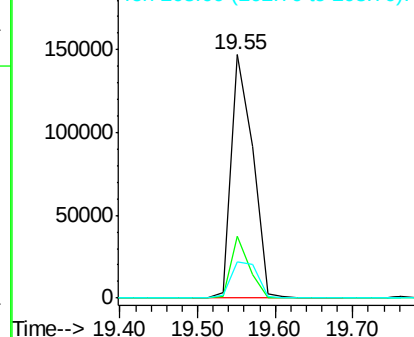
Delta R.T. -0.02 min

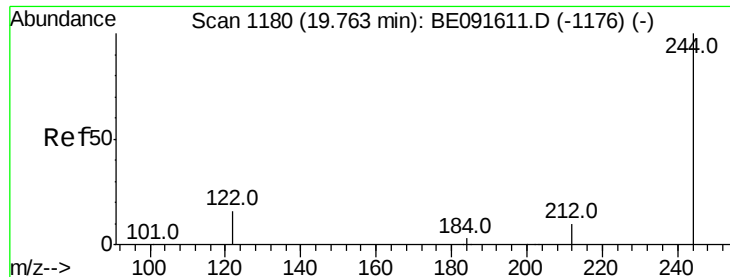
Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion:	202	Resp:	283232
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.8	25.2
203	18.2	14.0	21.0

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





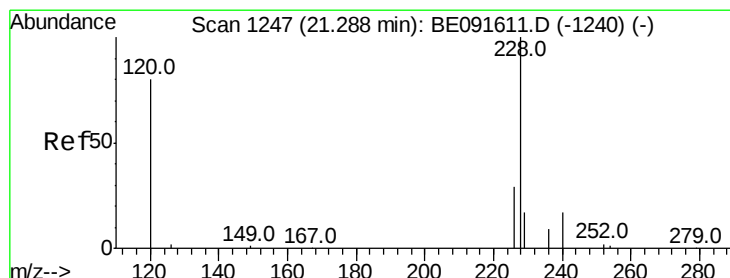
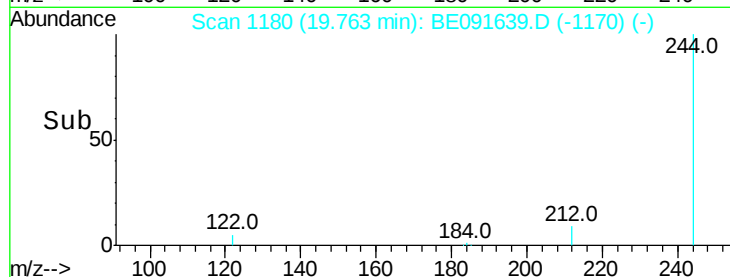
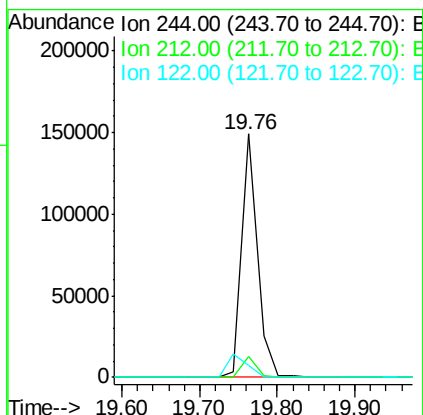
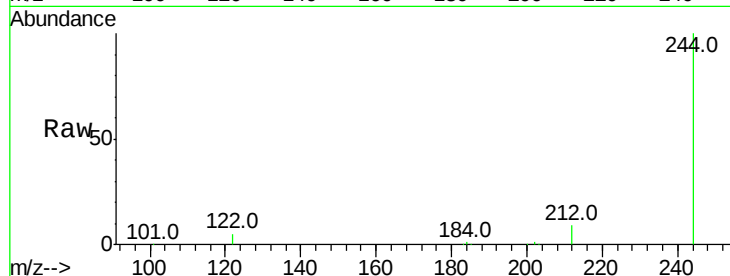
#29
 Terphenyl-d14
 Concen: 4.23 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	6.9	10.3
122	4.8	11.0	16.4

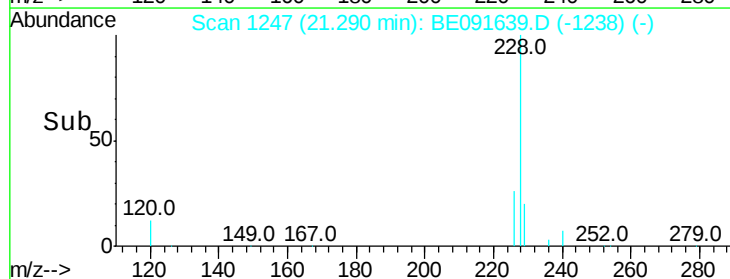
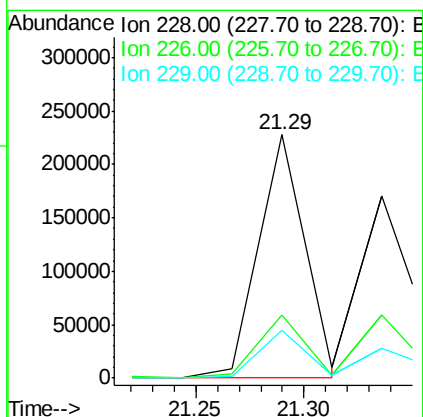
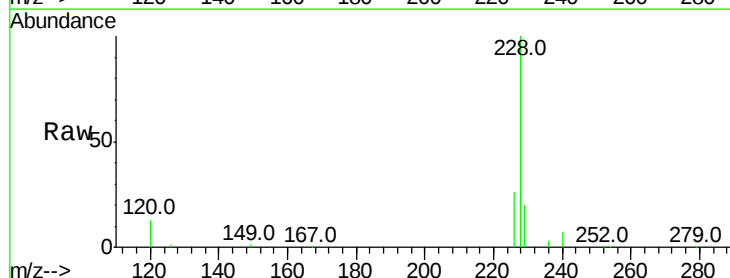
Manual Integrations
 APPROVED

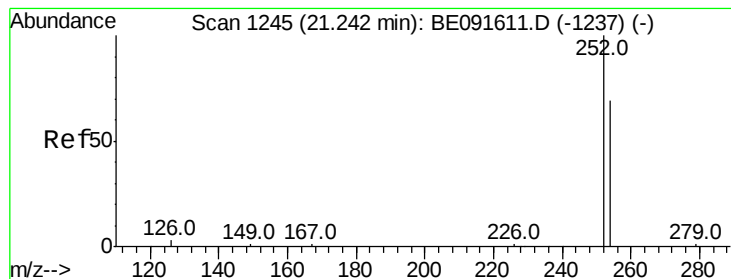
Sohil
 4/12/2016 5:34:30 PM



#30
 Benzo(a)anthracene
 Concen: 3.86 ng m
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	25.8	21.0	31.4
229	19.7	15.7	23.5





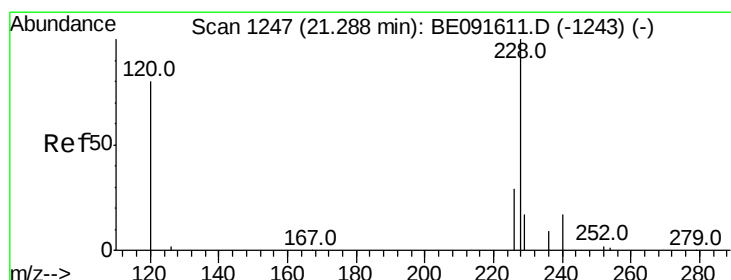
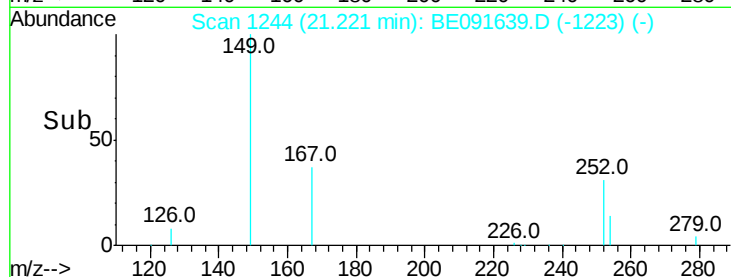
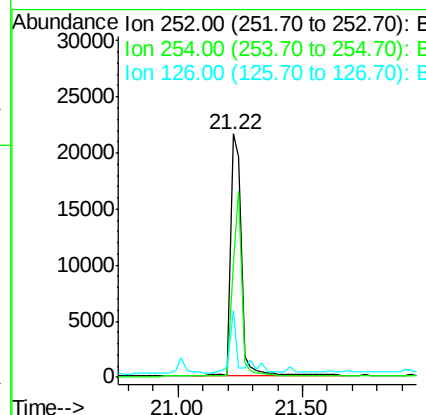
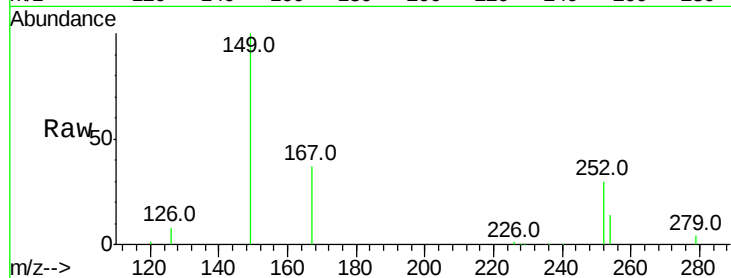
#31
 3,3'-Dichlorobenzidine
 Concen: 1.13 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	46.9	51.1	76.7#
126	27.7	12.6	18.8#

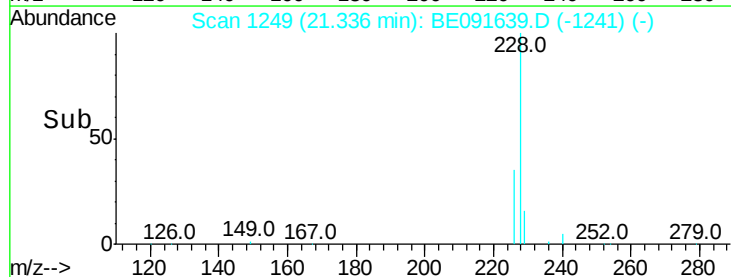
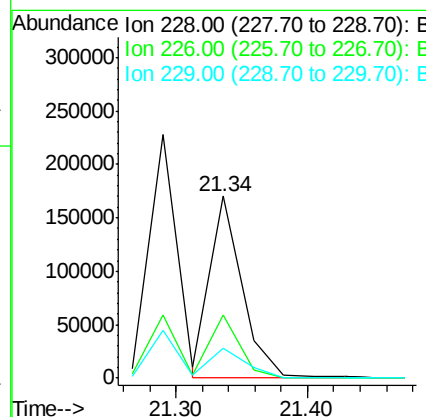
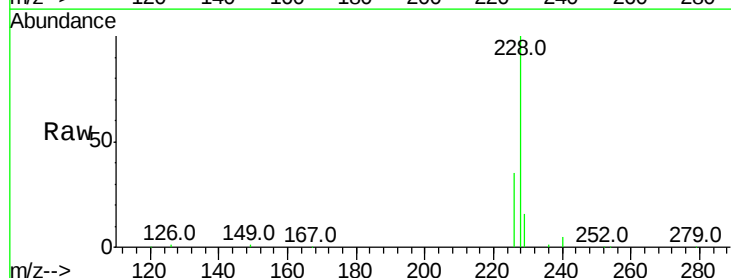
Manual Integrations
 APPROVED

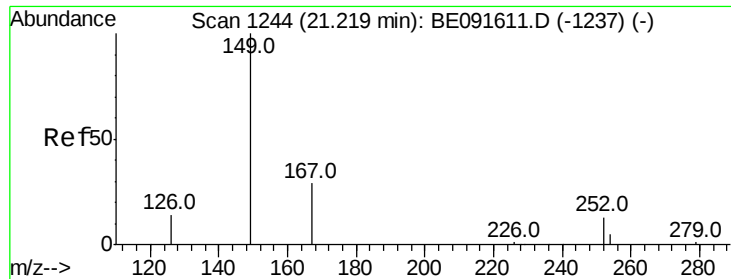
Sohil
 4/12/2016 5:34:30 PM



#32
 Chrysene
 Concen: 3.66 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.0	36.0
229	16.4	15.9	23.9





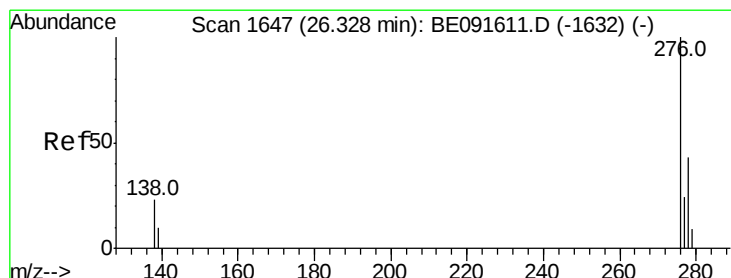
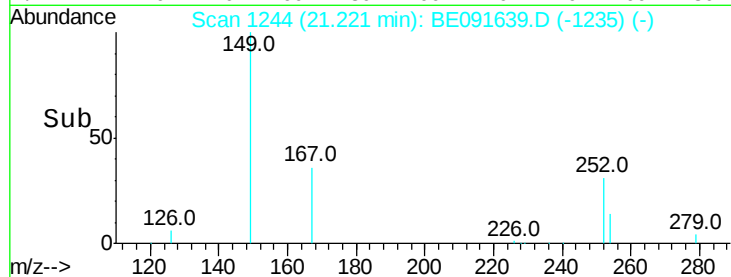
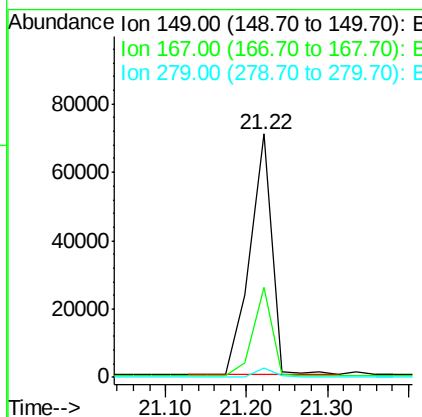
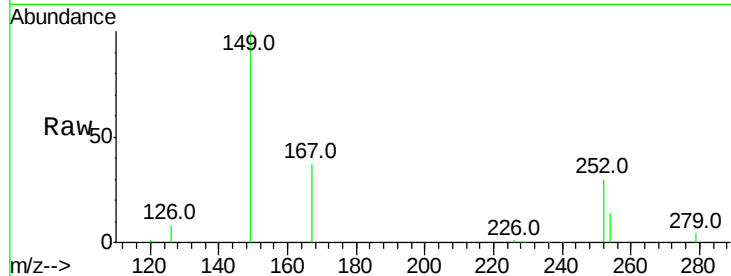
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 2.27 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	31.7	19.5	29.3	
279	3.4	10.0	15.0	

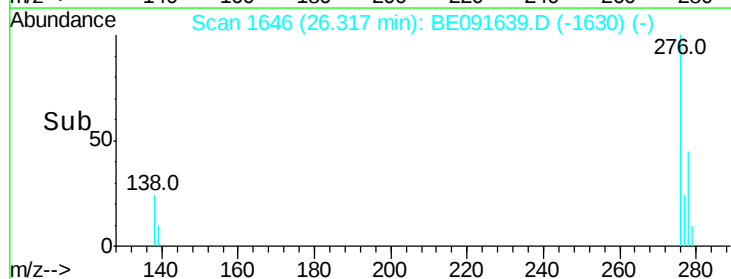
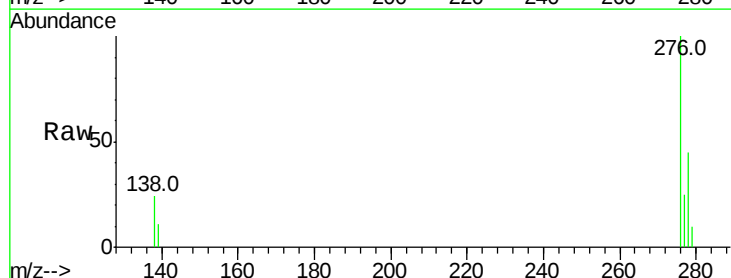
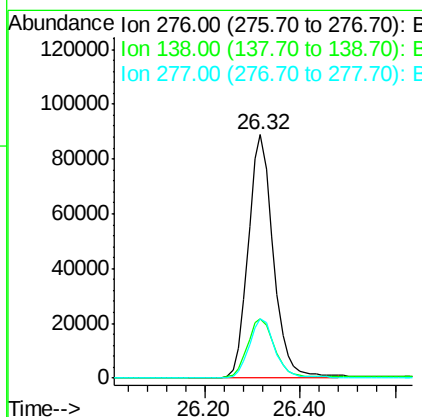
Manual Integrations
 APPROVED

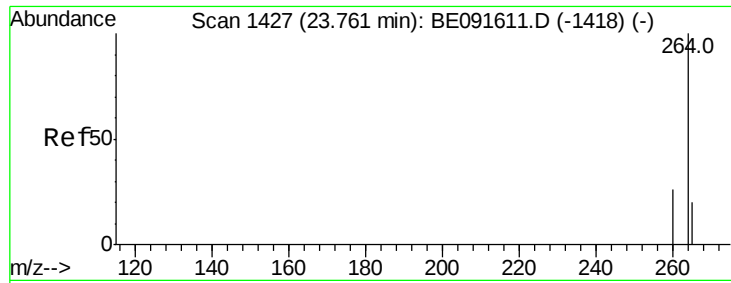
Sohil
 4/12/2016 5:34:30 PM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.61 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.8	23.4	35.2	
277	24.8	19.8	29.8	





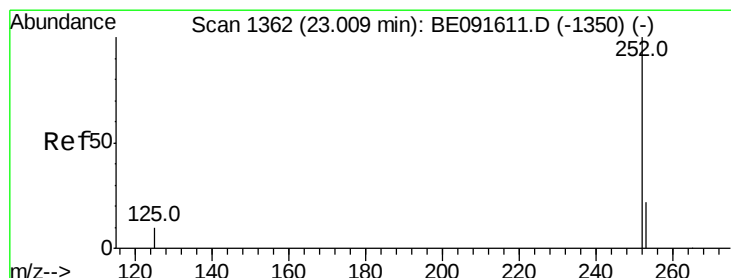
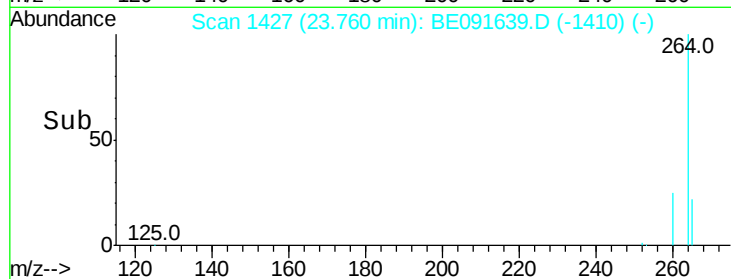
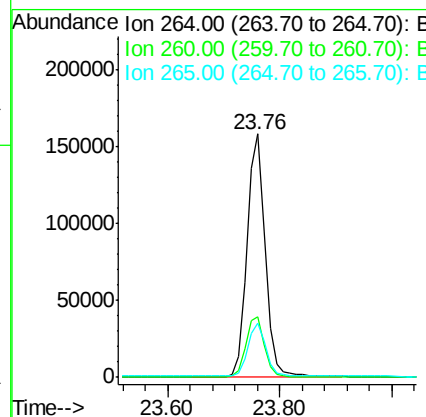
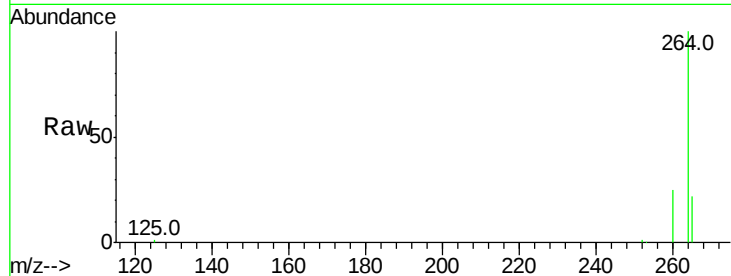
#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	20.0	30.0	
265	22.2	17.5	26.3	

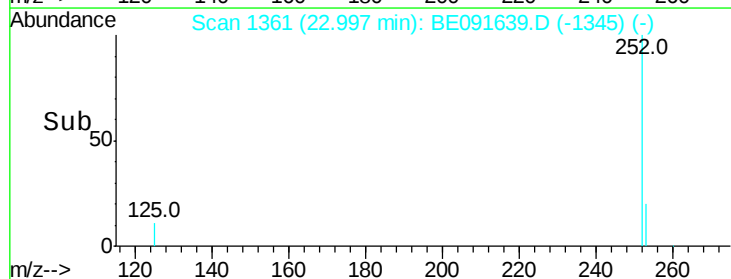
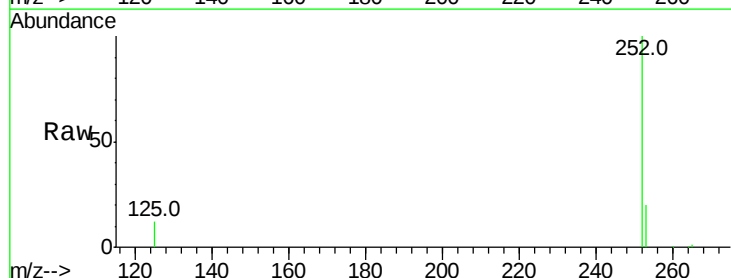
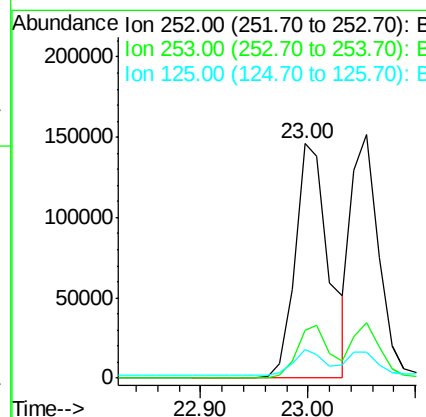
Manual Integrations
 APPROVED

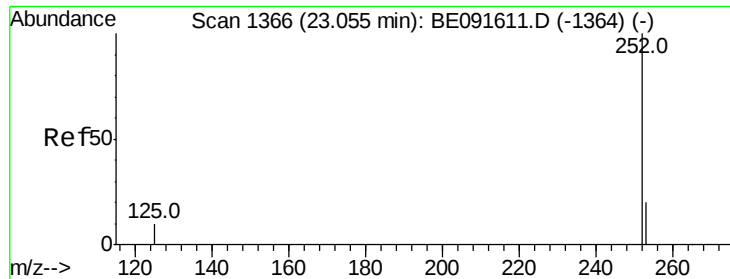
Sohil
 4/12/2016 5:34:30 PM



#36
 Benzo(b)fluoranthene
 Concen: 3.80 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BE091639.D
 Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	20.4	17.4	26.0	
125	12.2	10.2	15.2	





#37

Benzo(k)fluoranthene

Concen: 3.25 ng

RT: 23.05 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

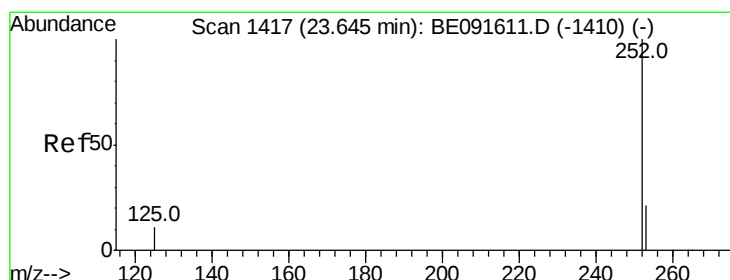
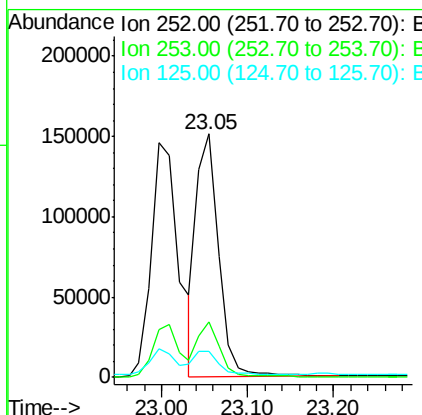
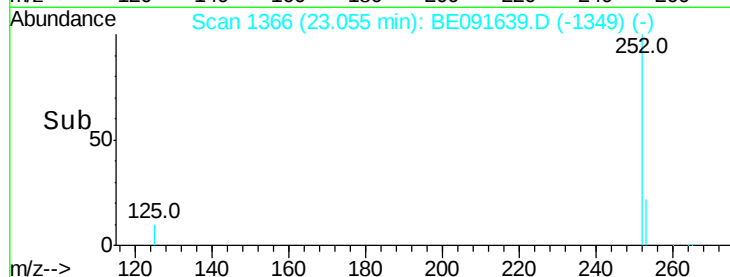
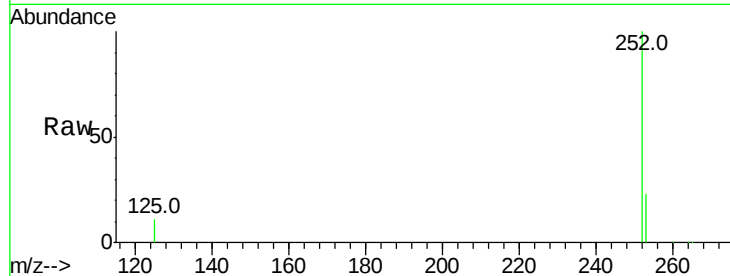
Instrument :
BNA_E

ClientSampleId :
TILCONMHDGA005MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	269292		
253	22.7	17.6	26.4	
125	10.9	9.9	14.9	

Manual Integrations
APPROVED

Sohil
4/12/2016 5:34:30 PM



#38

Benzo(a)pyrene

Concen: 3.70 ng

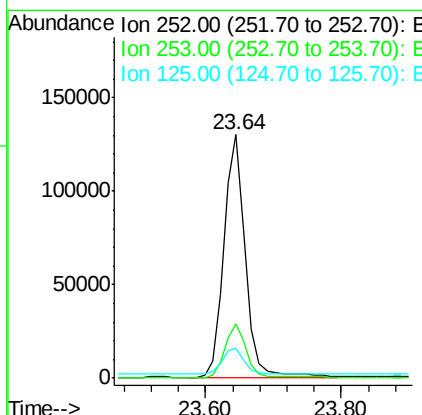
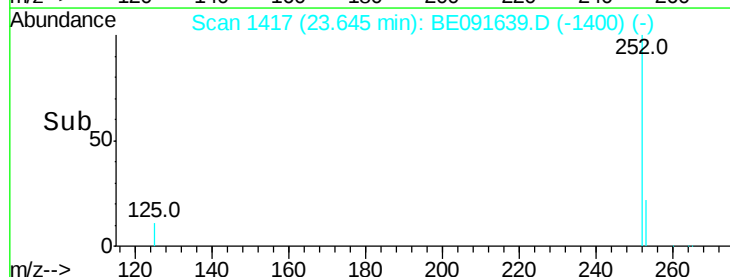
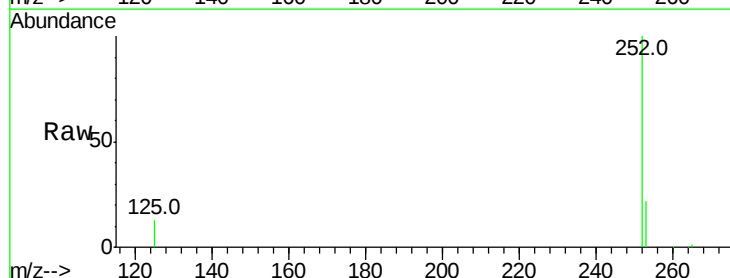
RT: 23.64 min Scan# 1417

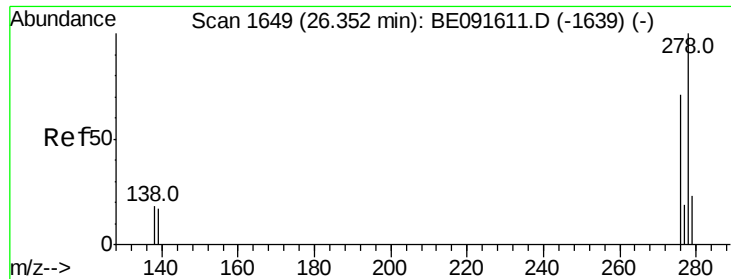
Delta R.T. -0.00 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	288546		
253	22.2	18.1	27.1	
125	12.5	11.0	16.4	





#39

Dibenzo(a,h)anthracene

Concen: 3.48 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091639.D

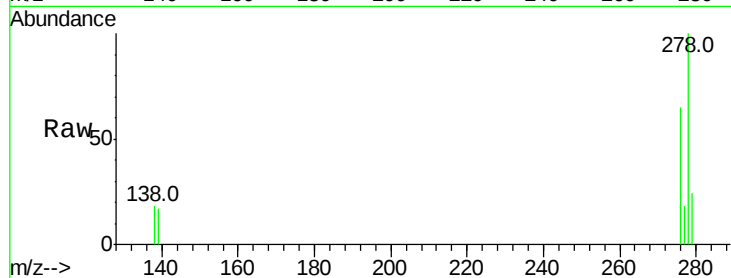
Acq: 11 Apr 2016 21:46

Instrument :

BNA_E

ClientSampleId :

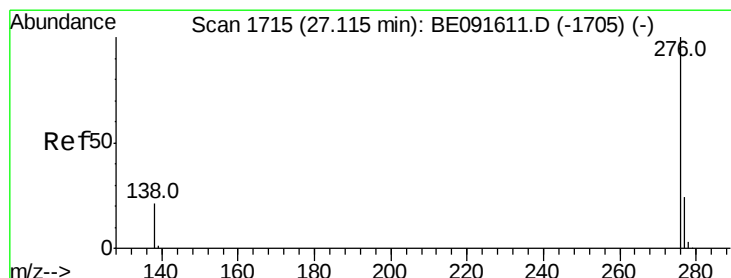
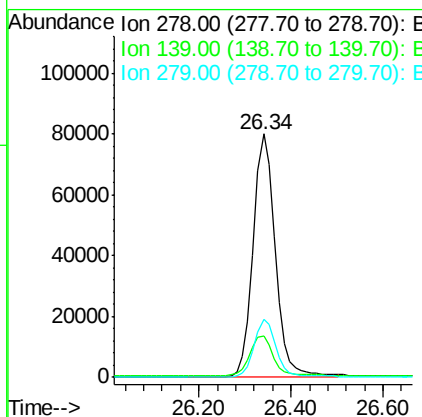
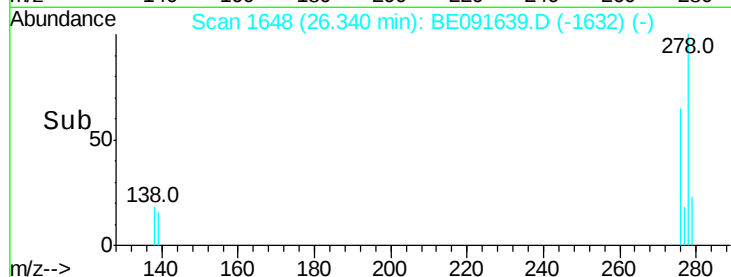
TILCONMHDGA005MSD



Tot Ion:	278	Resp:	267132
Ion Ratio	Lower	Upper	
278	100		
139	16.9	16.0	24.0
279	23.6	19.4	29.2

Manual Integrations
APPROVED

Sohil
4/12/2016 5:34:30 PM



#40

Benzo(g,h,i)perylene

Concen: 3.48 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091639.D

Acq: 11 Apr 2016 21:46

Tgt Ion:	276	Resp:	275641
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	22.1	20.4	30.6

