

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
 Data File : BE091699.D
 Acq On : 26 Apr 2016 11:33
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Manual Integrations
 APPROVED

sohil
 4/27/2016 7:02:03 PM

Quant Time: Apr 26 13:21:48 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 13:13:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36911	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	170292	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	101339	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	262310	5.00	ng	0.00
26) Chrysene-d12	21.31	240	315947	5.00	ng	0.00
35) Perylene-d12	23.75	264	296727	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3515	0.43	ng	0.00
5) Phenol-d6	6.95	99	4529	0.41	ng	0.00
8) Nitrobenzene-d5	8.95	82	4103	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1162m	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	11322	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	19276	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	2245	0.49	ng	91
3) n-Nitrosodimethylamine	3.63	42	2626	0.50	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	4276	0.43	ng	# 77
9) Nitrobenzene	8.99	77	4237	0.47	ng	96
10) Naphthalene	10.61	128	13955	0.40	ng	97
11) Hexachlorobutadiene	10.92	225	1991m	0.40	ng	
12) 2-Methylnaphthalene	12.24	142	8838	0.40	ng	# 89
16) Acenaphthylene	14.12	152	13718m	0.34	ng	
17) Acenaphthene	14.47	154	10074	0.40	ng	88
18) Fluorene	15.46	166	12588	0.41	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3819	0.43	ng	95
21) Hexachlorobenzene	16.45	284	3770	0.39	ng	97
22) Pentachlorophenol	16.79	266	1510	0.48	ng	92
23) Phenanthrene	17.18	178	24404	0.41	ng	99
24) Anthracene	17.28	178	21140	0.40	ng	98
25) Fluoranthene	19.19	202	25215	0.43	ng	97
27) Benzidine	19.38	184	5848	0.32	ng	# 79
28) Pyrene	19.55	202	27581	0.38	ng	100
30) Benzo(a)anthracene	21.29	228	30157	0.39	ng	96
31) 3,3'-Dichlorobenzidine	21.24	252	13662	0.42	ng	# 77
32) Chrysene	21.33	228	33943m	0.41	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	7209	0.49	ng	# 86
34) Indeno(1,2,3-cd)pyrene	26.31	276	29113	0.39	ng	96
36) Benzo(b)fluoranthene	23.00	252	26988	0.38	ng	98
37) Benzo(k)fluoranthene	23.04	252	27097	0.39	ng	99
38) Benzo(a)pyrene	23.63	252	24806	0.40	ng	100
39) Dibenzo(a,h)anthracene	26.34	278	24079	0.38	ng	# 95
40) Benzo(g,h,i)perylene	27.10	276	24377	0.38	ng	96

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

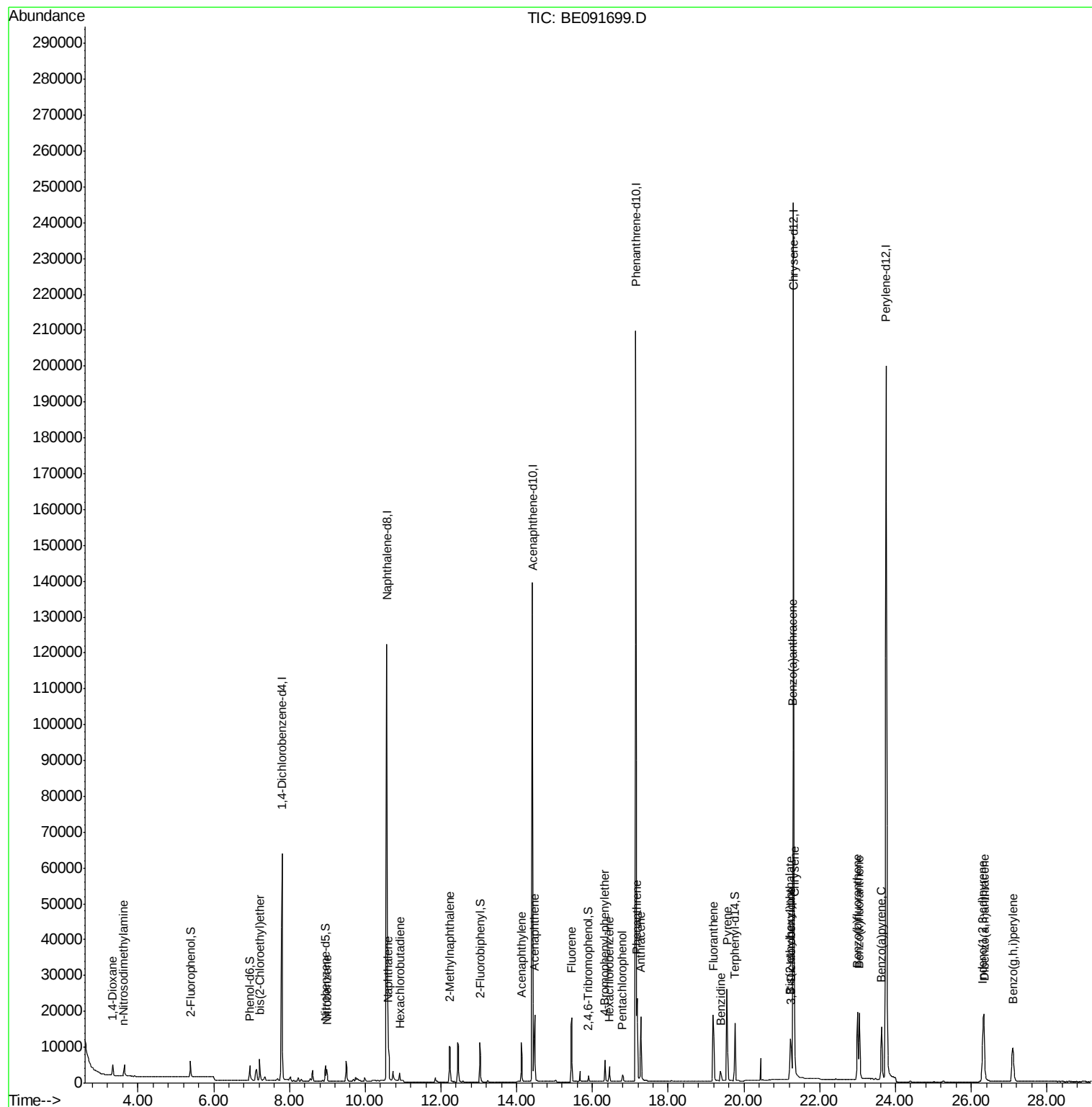
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091699.D
Acq On : 26 Apr 2016 11:33
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM

Quant Time: Apr 26 13:21:48 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

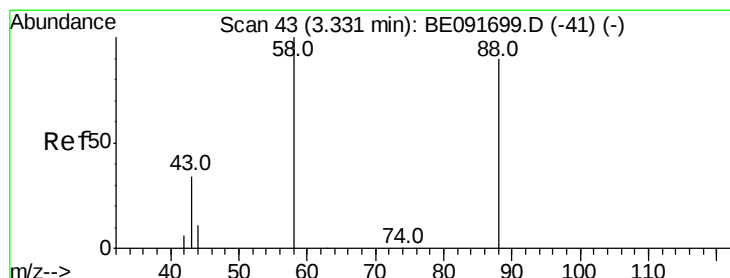
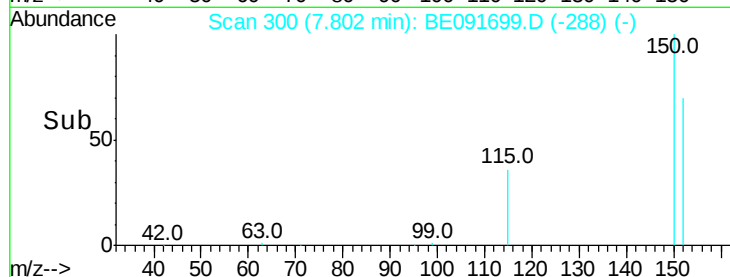
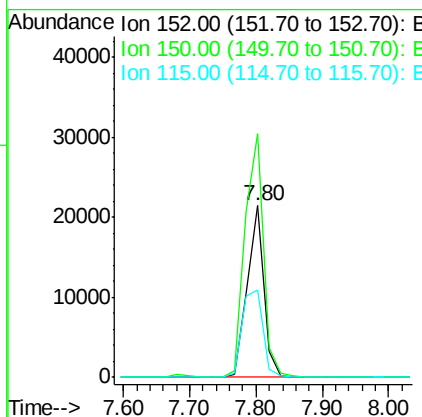
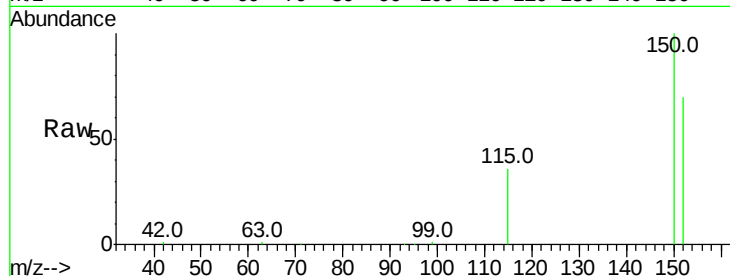
ClientSampleId :

SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	122.6	183.8
115	51.2	52.8	79.2

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#2

1,4-Dioxane

Concen: 0.49 ng

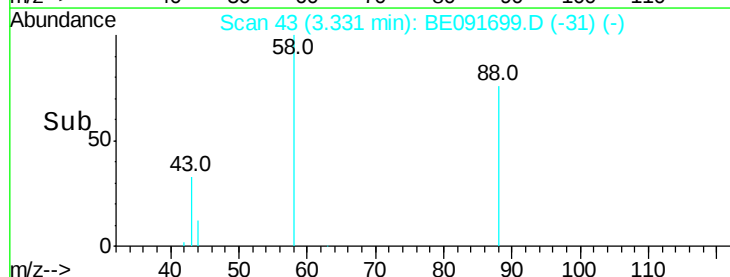
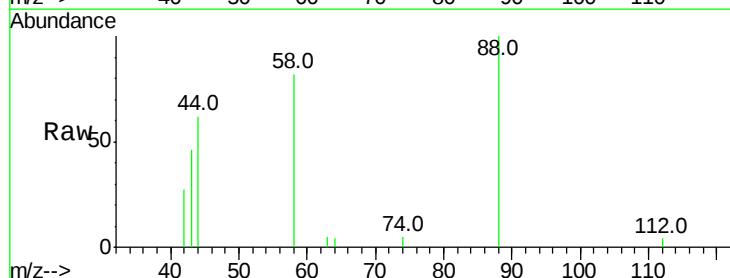
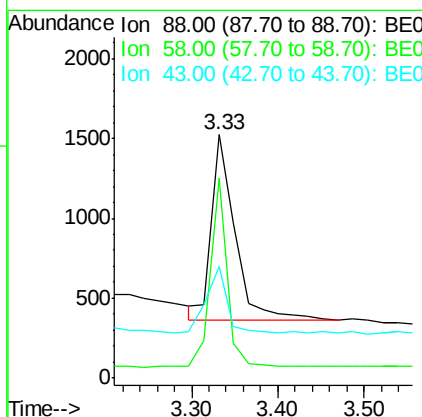
RT: 3.33 min Scan# 43

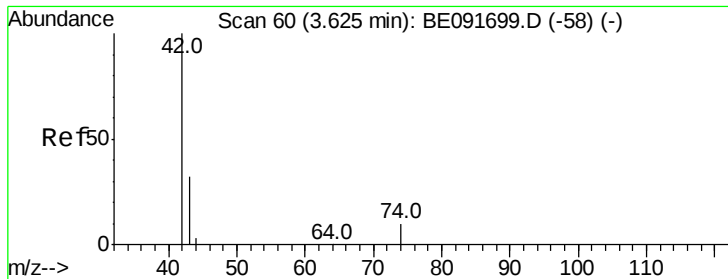
Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	65.8	98.6
43	30.2	25.3	37.9





#3

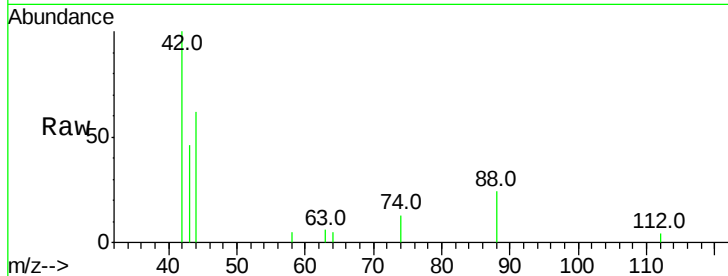
n-Nitrosodimethylamine
 Concen: 0.50 ng
 RT: 3.63 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

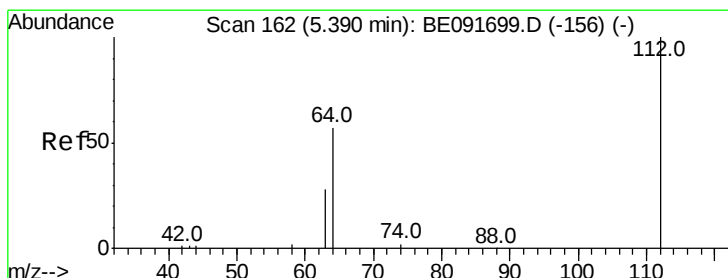
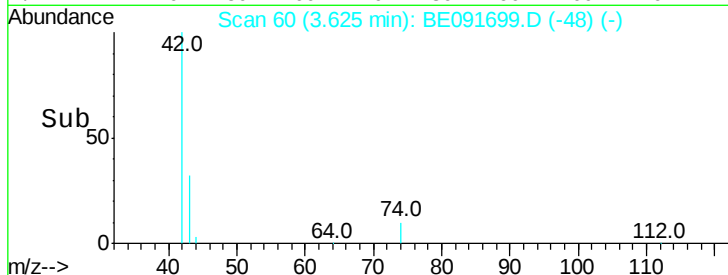
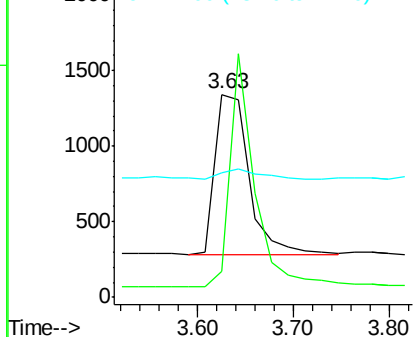
Tot Ion	Ratio	Lower	Upper
42	100		
74	104.6	87.9	131.9
44	8.4	6.6	9.8

Manual Integrations
 APPROVED

sohil
 4/27/2016 7:02:03 PM



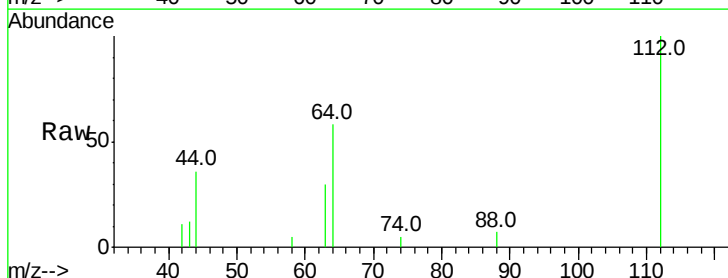
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



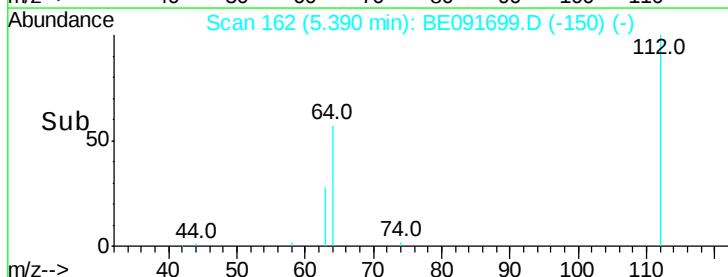
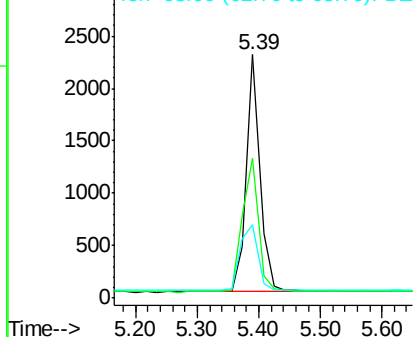
#4

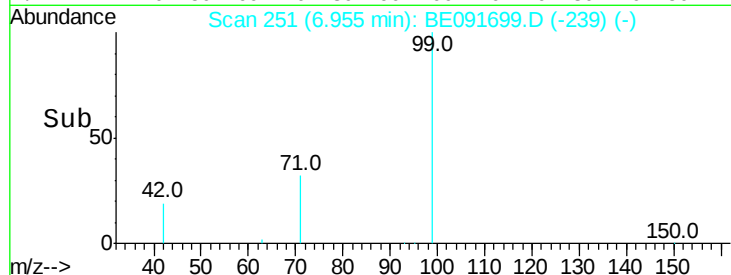
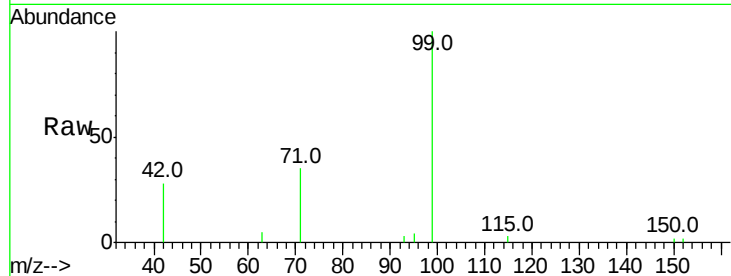
2-Fluorophenol
 Concen: 0.43 ng
 RT: 5.39 min Scan# 162
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	30.9	46.3#
63	36.8	16.7	25.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.41 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tot Ion:	99	Resp:	4529
Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.2	24.2#
71	36.3	29.0	43.4

Instrument :

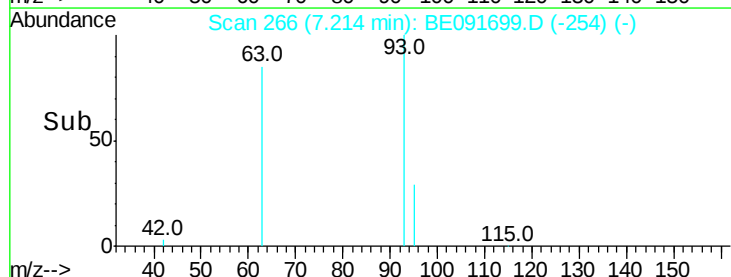
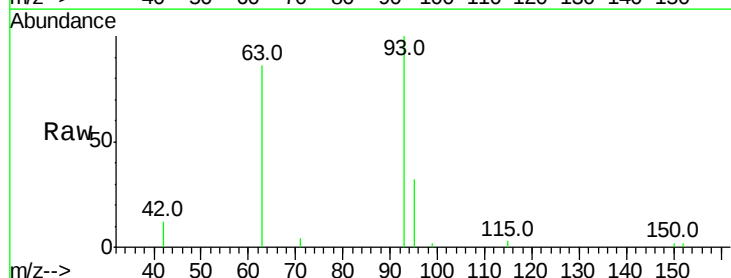
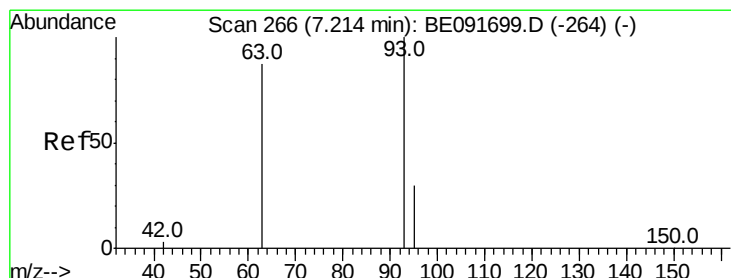
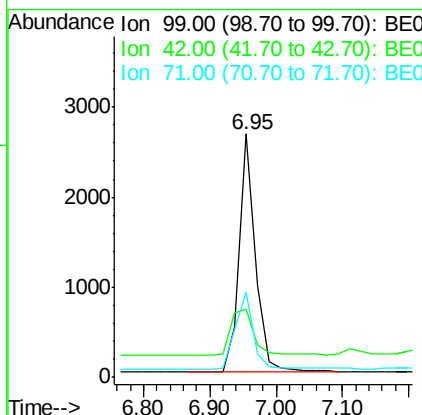
BNA_E

ClientSampleId :

SSTDICCC0.4

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.43 ng

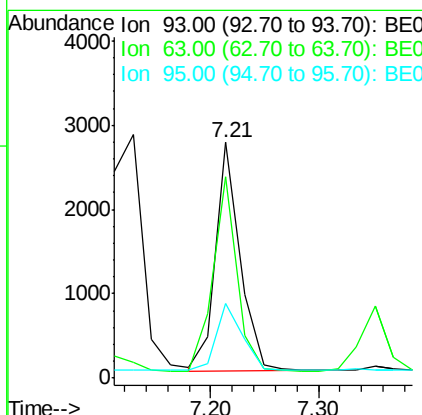
RT: 7.21 min Scan# 266

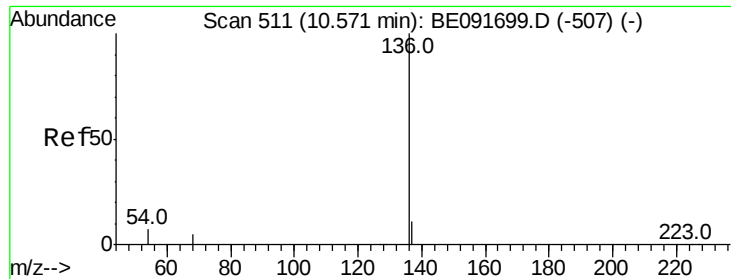
Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion:	93	Resp:	4276
Ion	Ratio	Lower	Upper
93	100		
63	85.5	49.5	74.3#
95	31.3	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

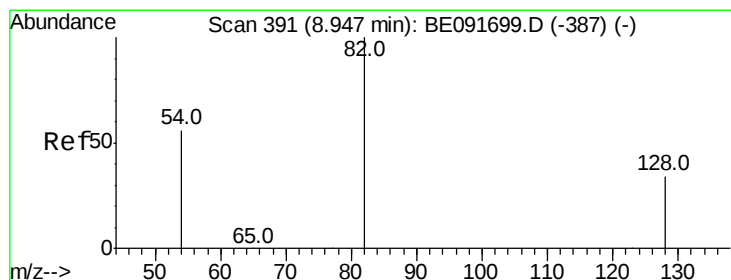
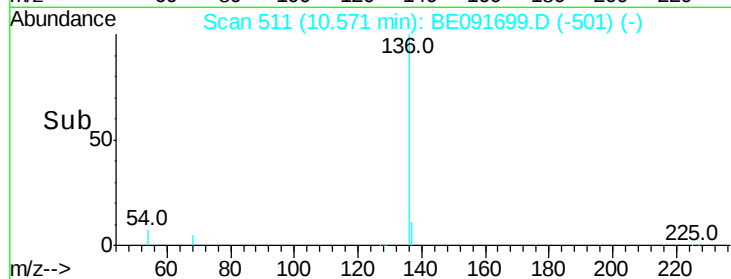
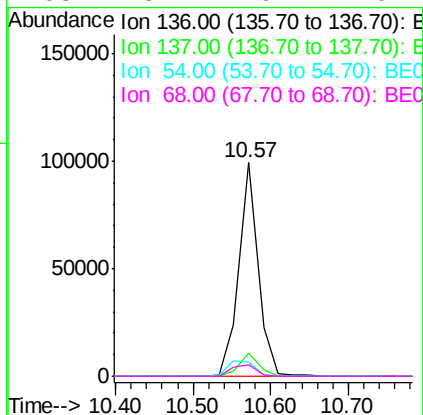
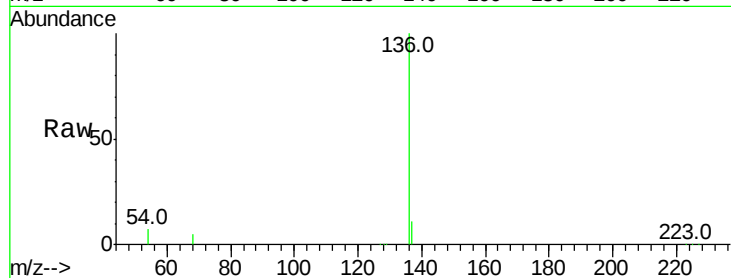
ClientSampleId :

SSTDICCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.8	8.2	12.4	
68	5.2	6.2	9.4	

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#8

Nitrobenzene-d5

Concen: 0.45 ng

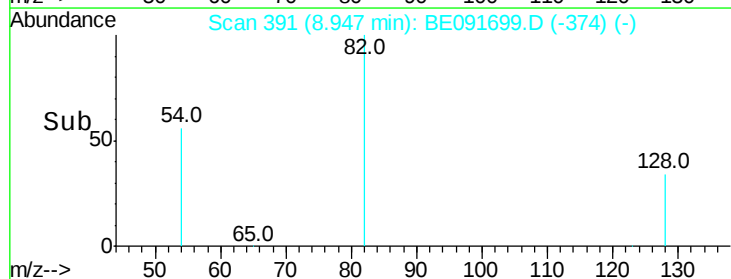
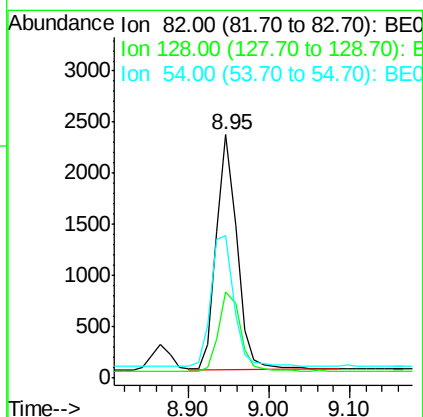
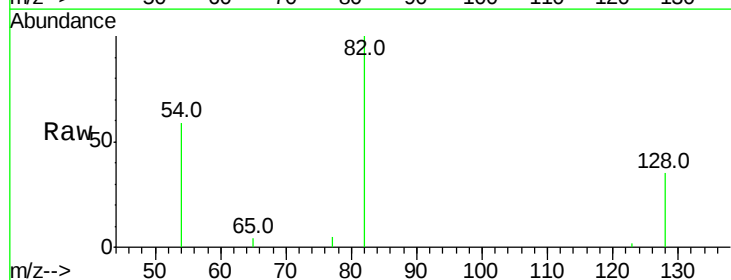
RT: 8.95 min Scan# 391

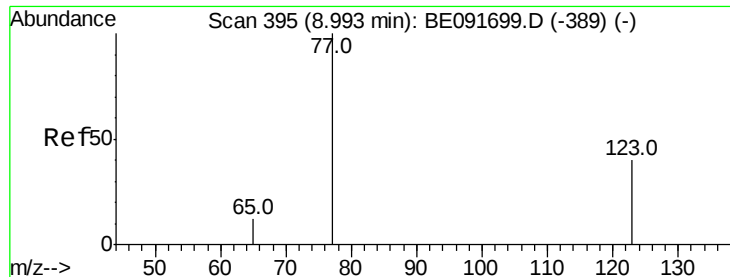
Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.4	25.4	38.0	
54	58.7	48.4	72.6	





#9

Nitrobenzene

Concen: 0.47 ng

RT: 8.99 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

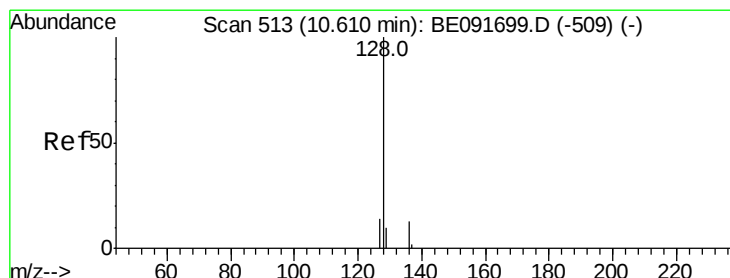
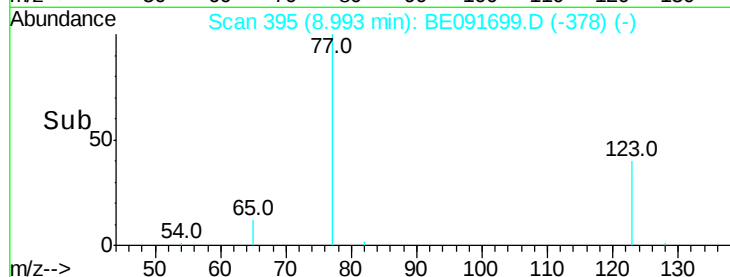
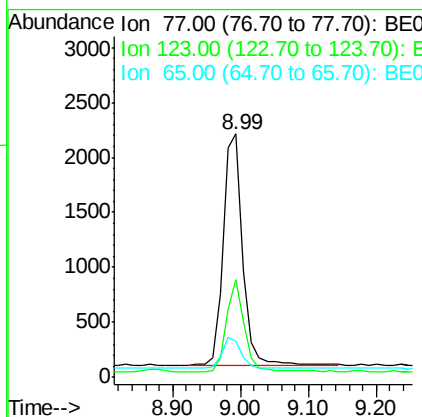
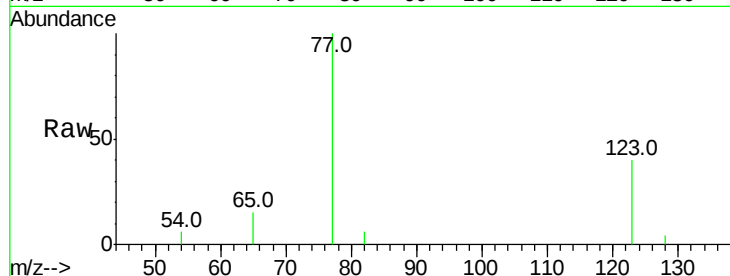
ClientSampleId :

SSTDICCC0.4

Tot Ion:	77	Resp:	4237
Ion	Ratio	Lower	Upper
77	100		
123	36.2	26.9	40.3
65	13.5	9.4	14.2

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#10

Naphthalene

Concen: 0.40 ng

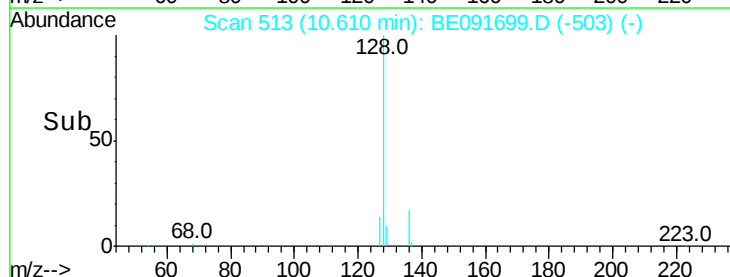
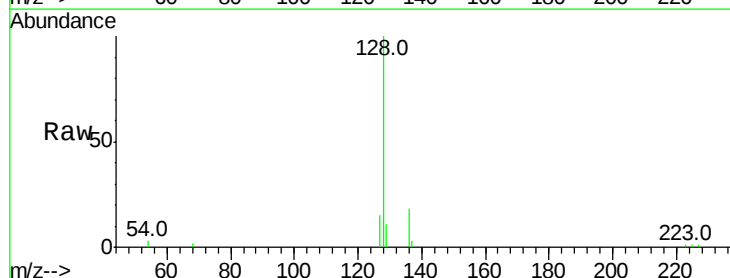
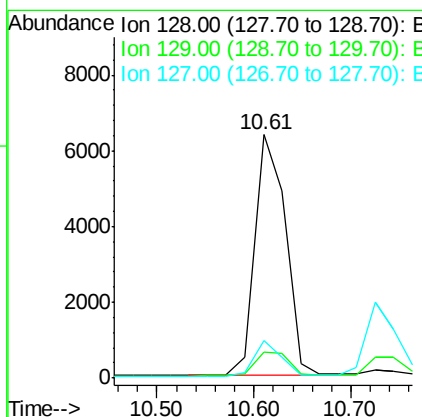
RT: 10.61 min Scan# 513

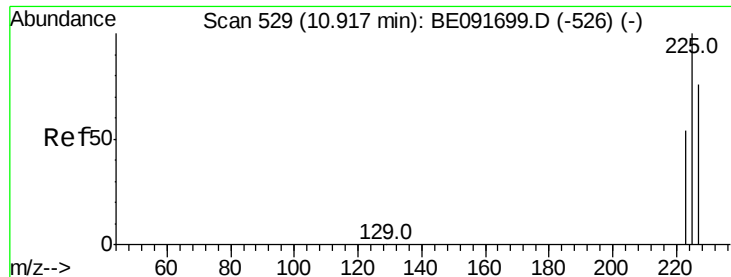
Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion:	128	Resp:	13955
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	15.2	10.7	16.1





#11

Hexachlorobutadiene

Concen: 0.40 ng m

RT: 10.92 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

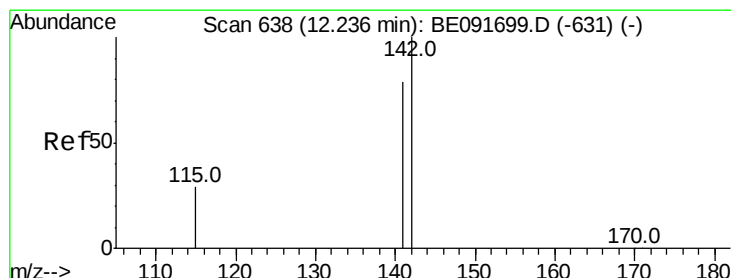
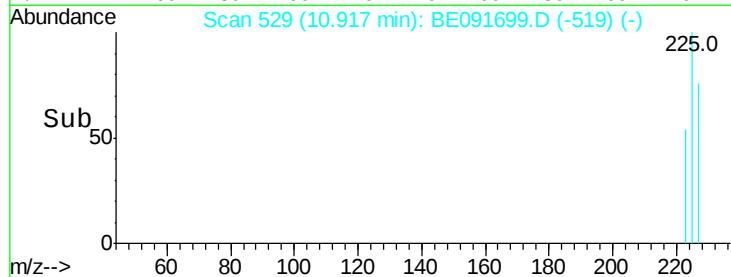
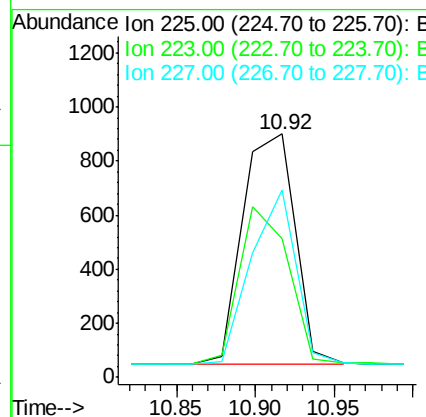
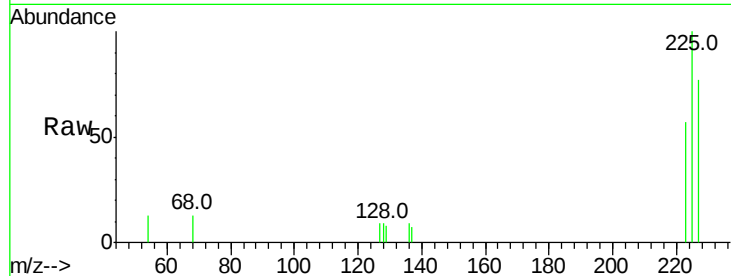
ClientSampleId :

SSTDICCC0.4

Tot Ion:	225	Resp:	1991
Ion Ratio	Lower	Upper	
225	100		
223	90.4	49.0	73.6#
227	90.7	50.3	75.5#

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#12

2-Methylnaphthalene

Concen: 0.40 ng

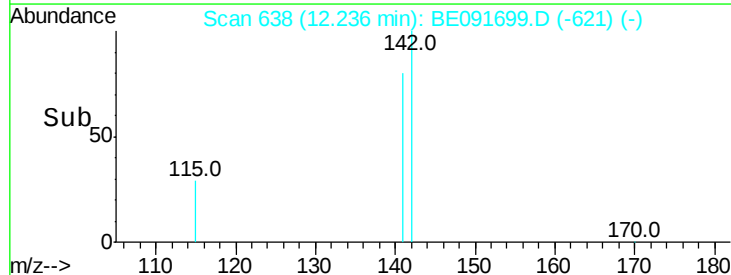
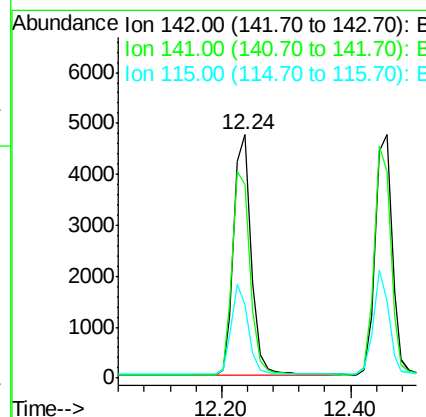
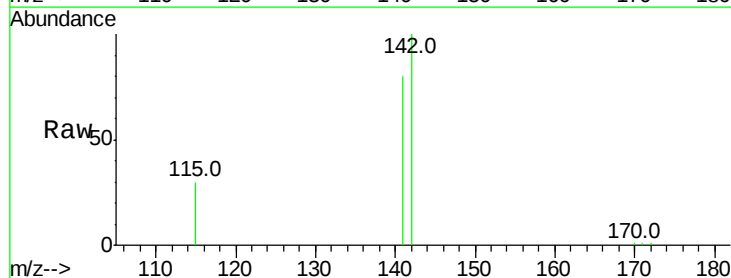
RT: 12.24 min Scan# 638

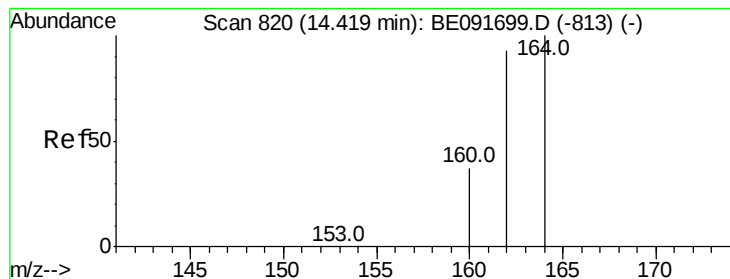
Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion:	142	Resp:	8838
Ion Ratio	Lower	Upper	
142	100		
141	79.5	71.4	107.0
115	30.1	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: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

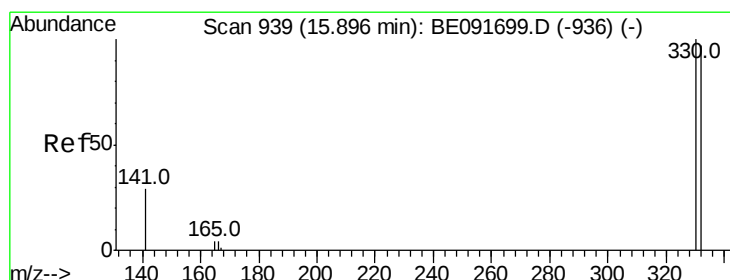
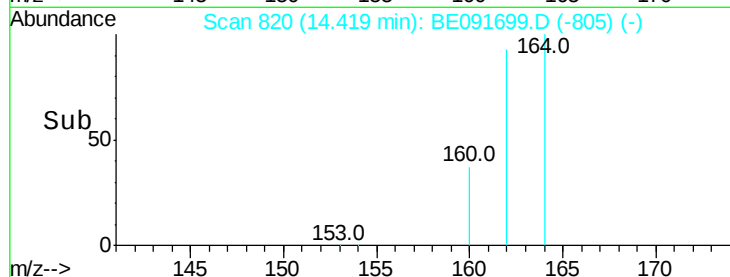
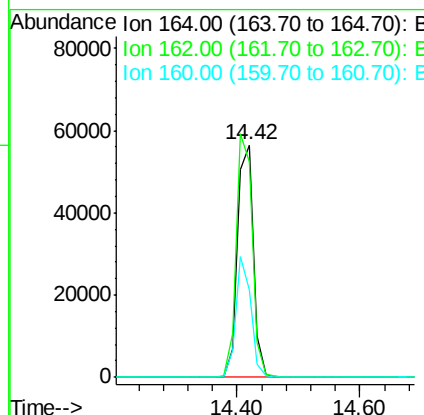
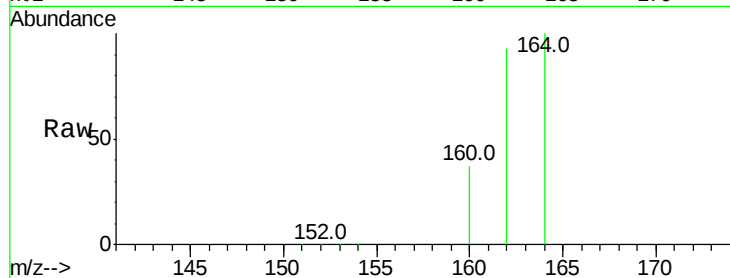
ClientSampleId :

SSTDICCC0.4

Tot Ion:	164	Resp:	101339
Ion Ratio	Lower	Upper	
164	100		
162	92.8	85.3	127.9
160	37.5	46.2	69.2#

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#14

2,4,6-Tribromophenol

Concen: 0.49 ng m

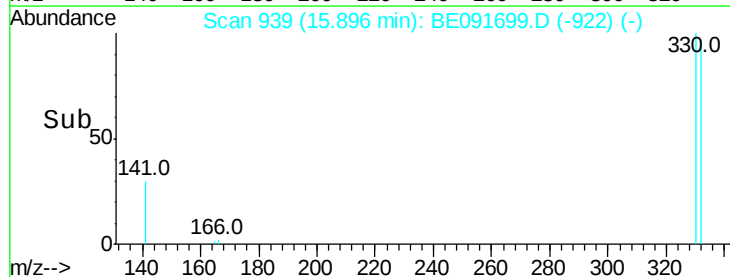
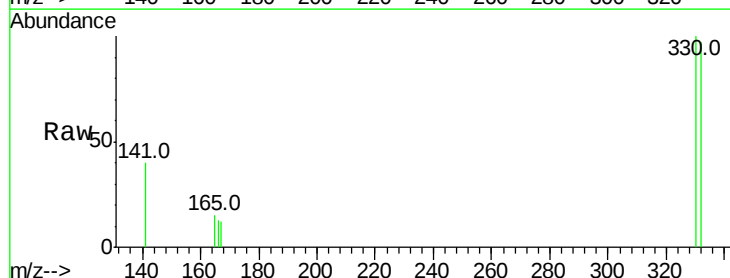
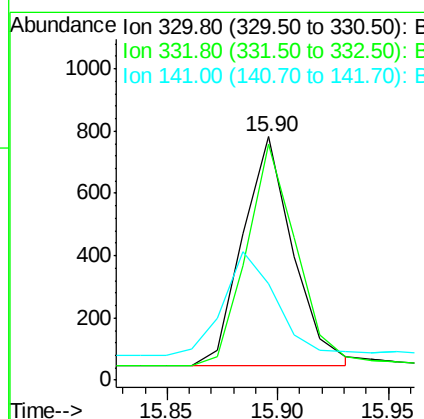
RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion:	330	Resp:	1162
Ion Ratio	Lower	Upper	
330	100		
332	152.2	79.1	118.7#
141	49.1	125.4	188.0#





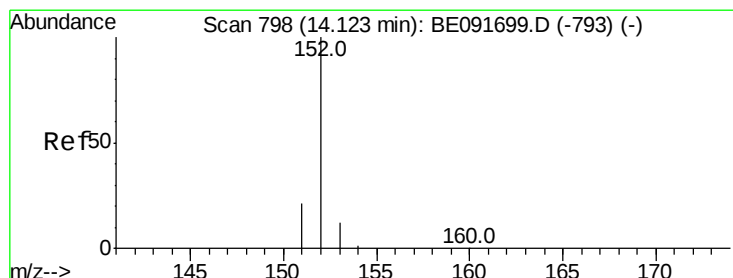
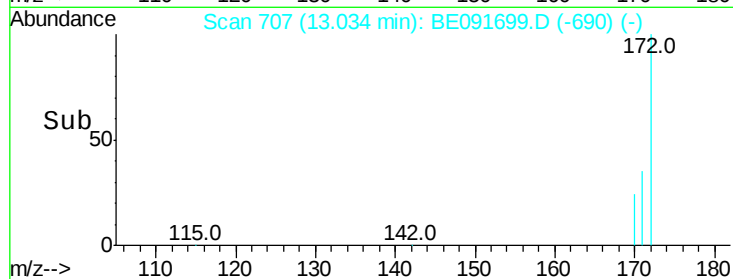
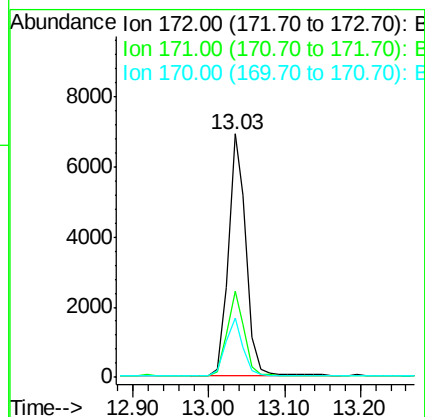
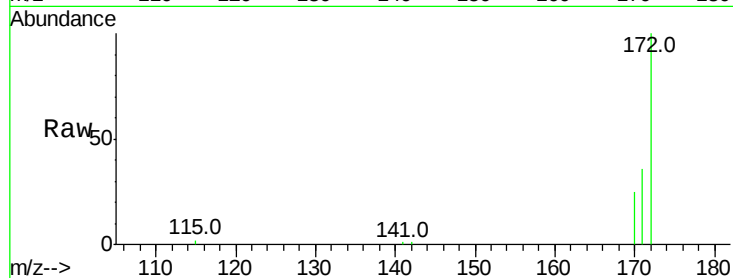
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	24.6	19.3	28.9

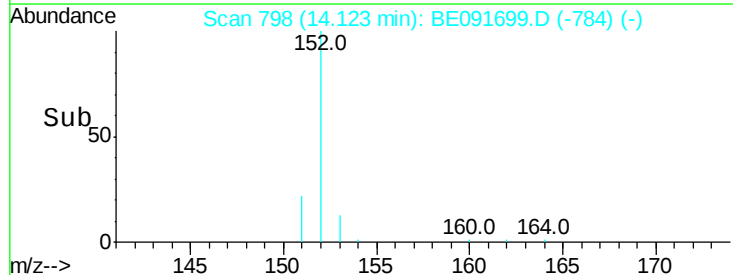
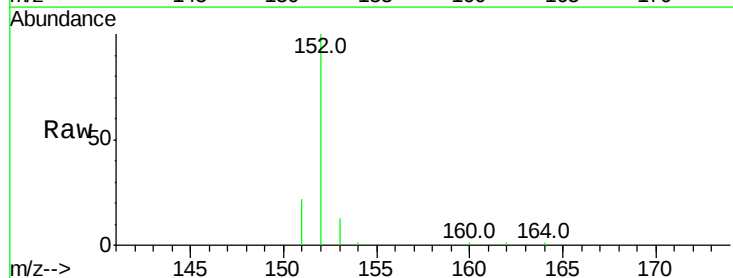
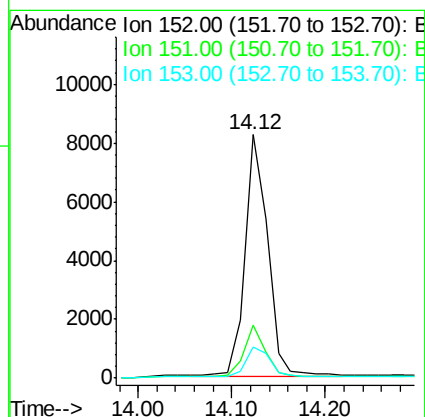
Manual Integrations
APPROVED

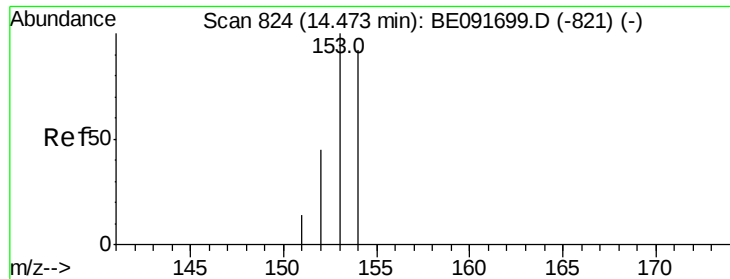
sohil
4/27/2016 7:02:03 PM



#16
Acenaphthylene
Concen: 0.34 ng m
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.3	3.9	5.9#
153	20.4	10.3	15.5#





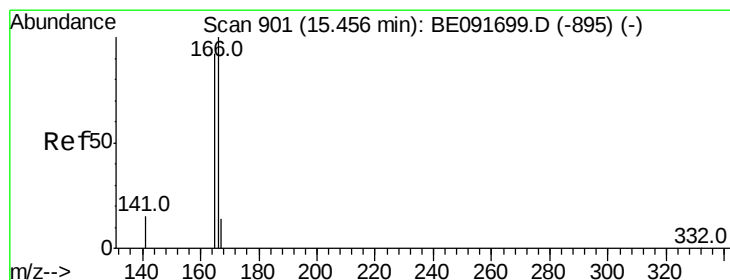
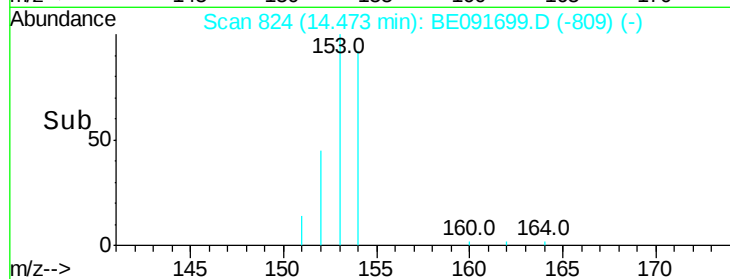
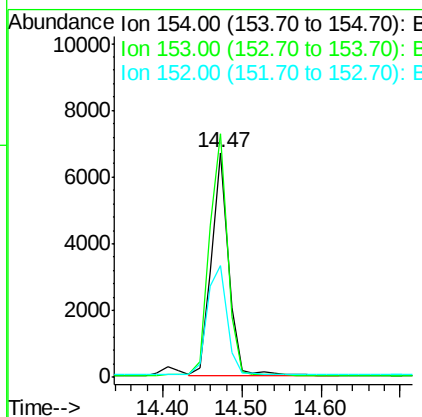
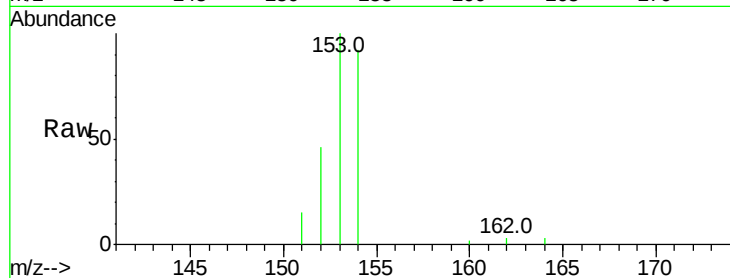
#17
Acenaphthene
Concen: 0.40 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	80.0	120.0
152	56.5	40.0	60.0

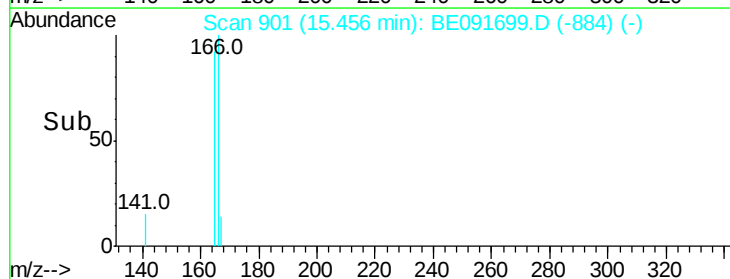
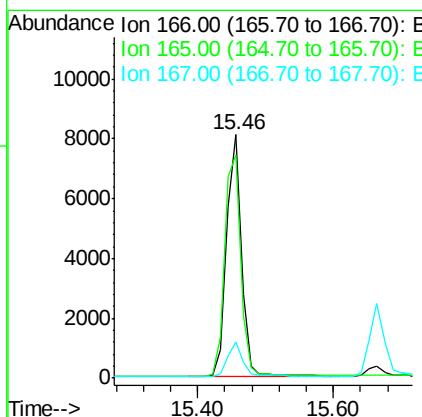
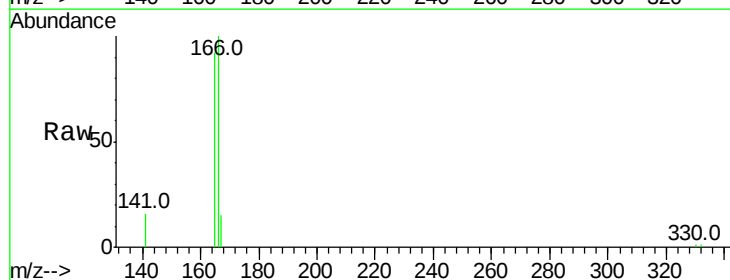
Manual Integrations
APPROVED

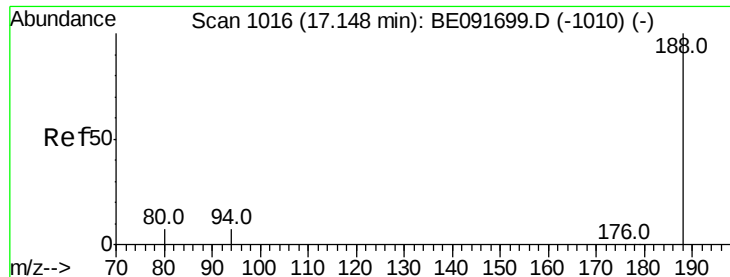
sohil
4/27/2016 7:02:03 PM



#18
Fluorene
Concen: 0.41 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.8	121.2
167	14.0	10.9	16.3





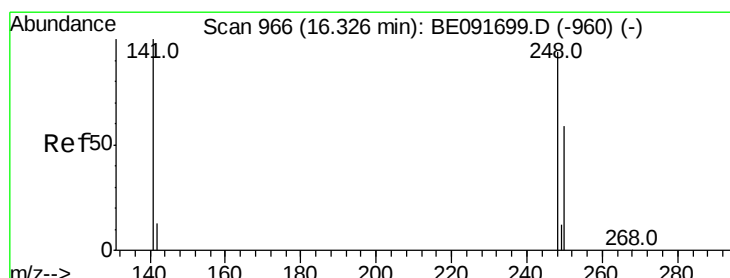
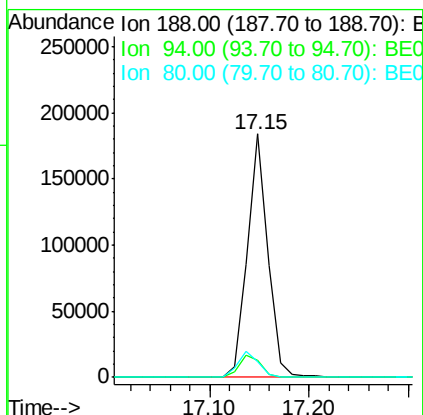
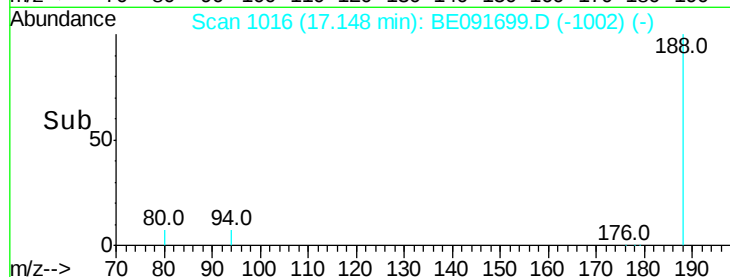
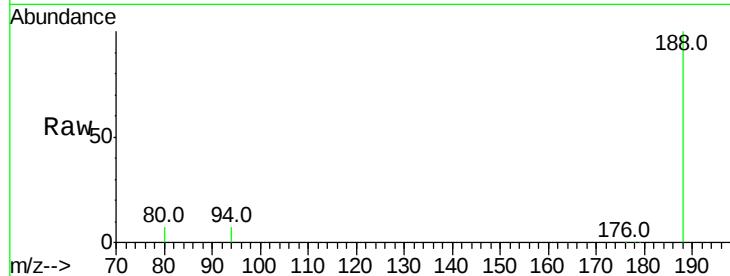
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	6.6	9.4	14.0#

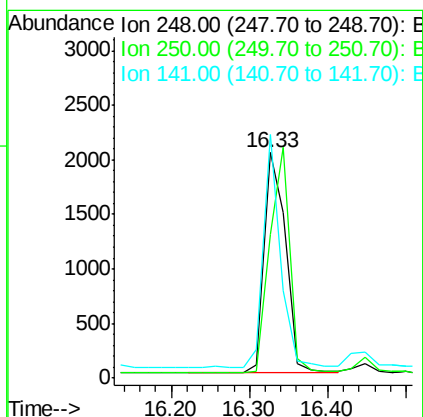
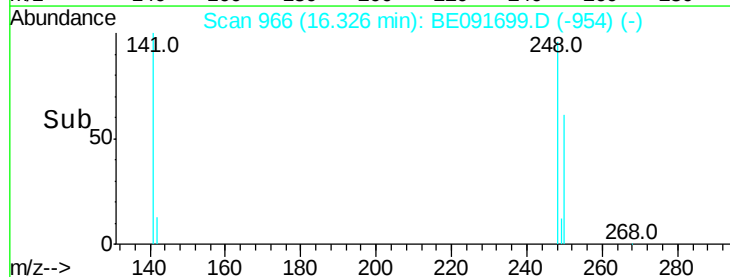
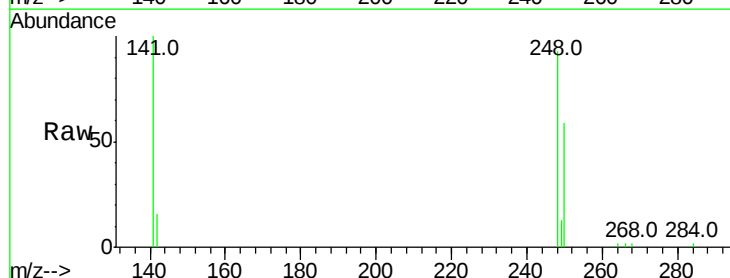
Manual Integrations
APPROVED

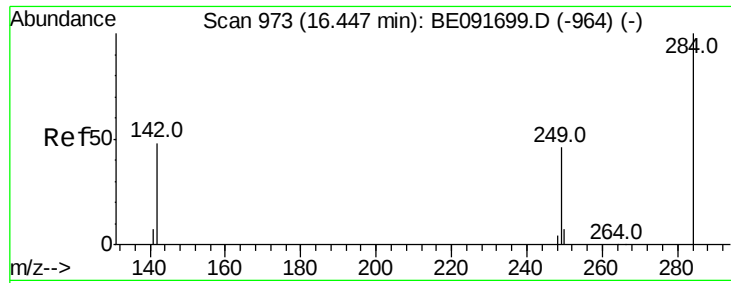
sohil
4/27/2016 7:02:03 PM



#20
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	96.0	80.5	120.7
141	85.4	72.0	108.0





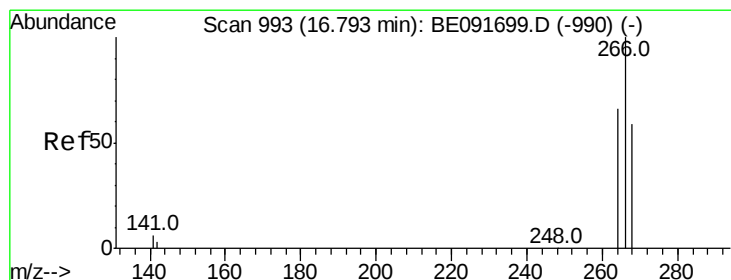
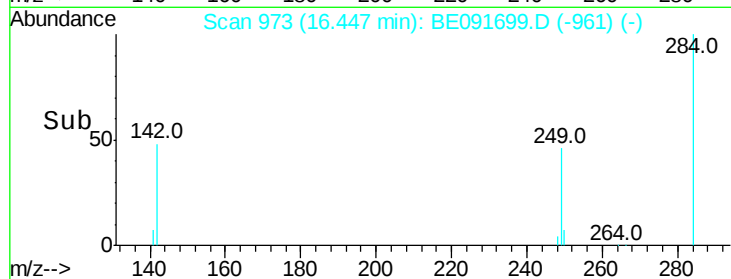
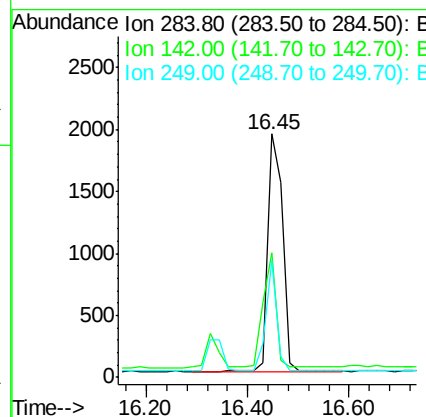
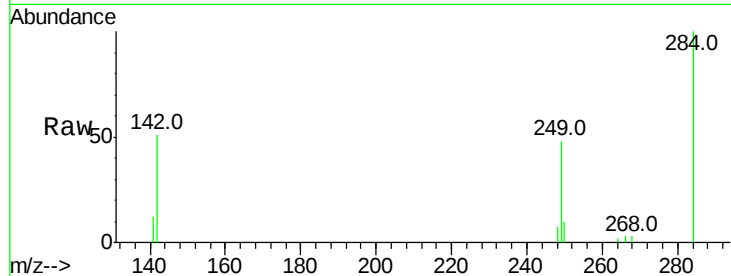
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.8	32.2	48.2
249	33.9	25.4	38.2

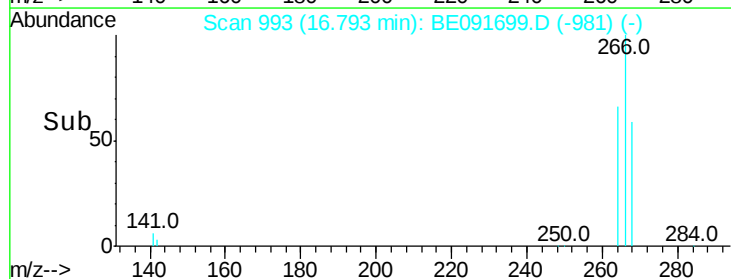
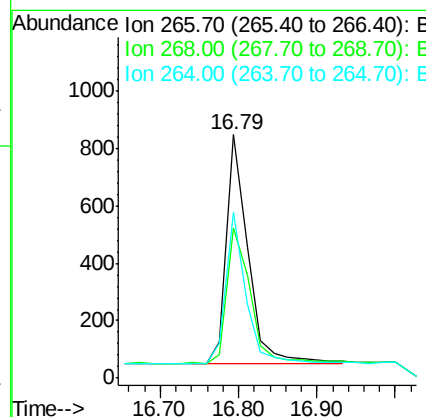
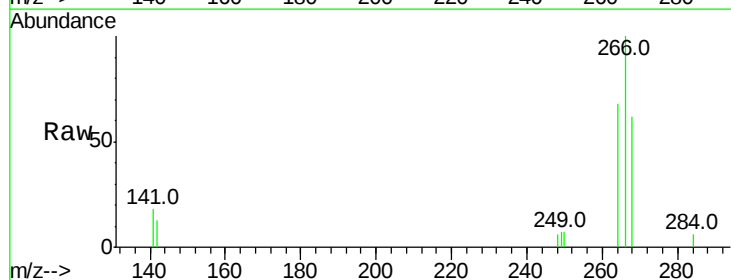
Manual Integrations
APPROVED

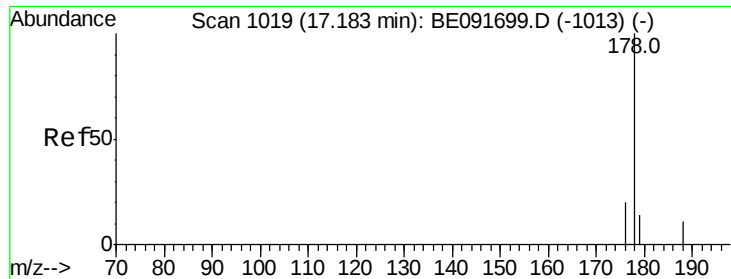
sohil
4/27/2016 7:02:03 PM



#22
Pentachlorophenol
Concen: 0.48 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	58.2	87.2
264	67.9	56.2	84.4





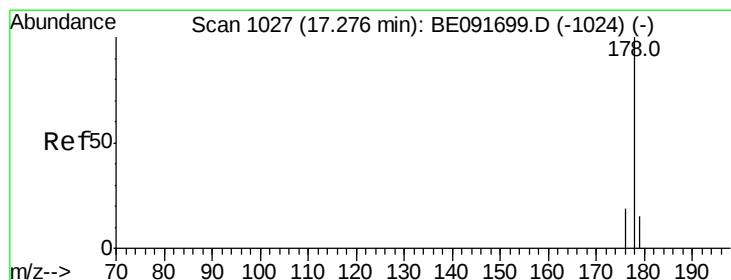
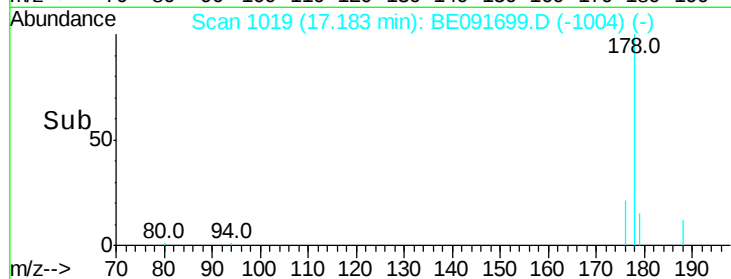
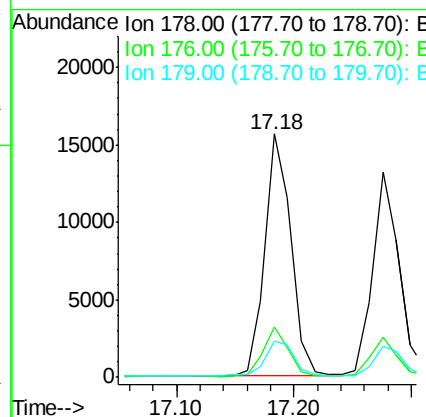
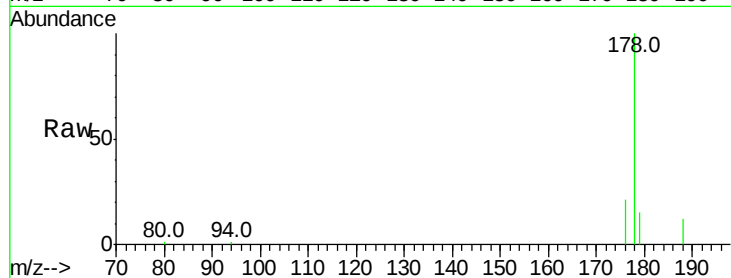
#23
Phenanthrene
Concen: 0.41 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.3	12.6	18.8

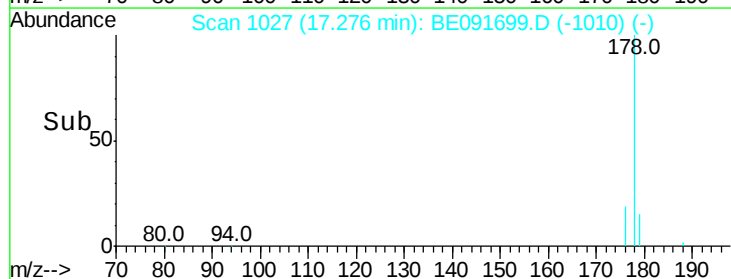
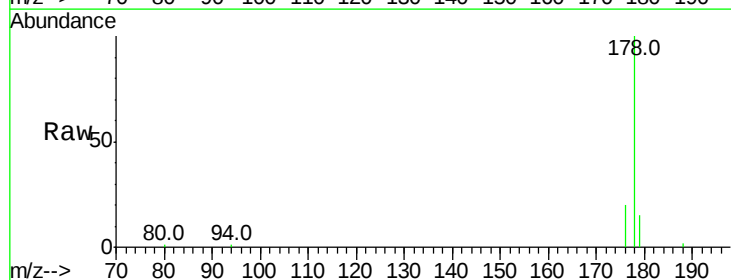
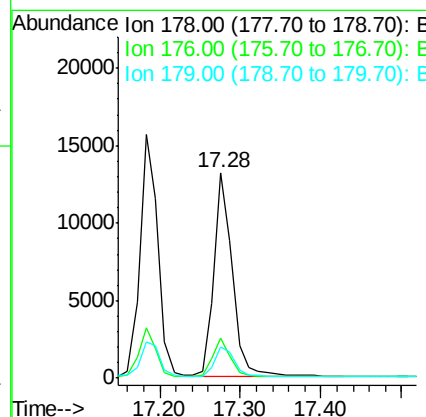
Manual Integrations
APPROVED

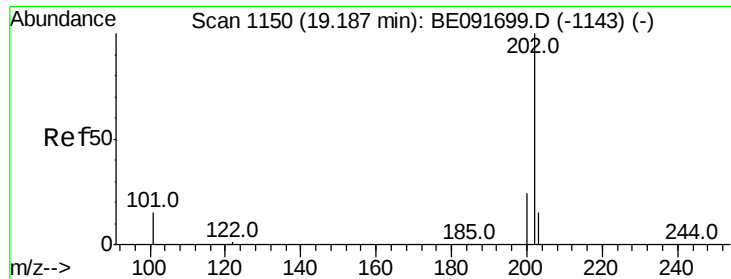
sohil
4/27/2016 7:02:03 PM



#24
Anthracene
Concen: 0.40 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.5	11.8	17.6





#25

Fluoranthene

Concen: 0.43 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

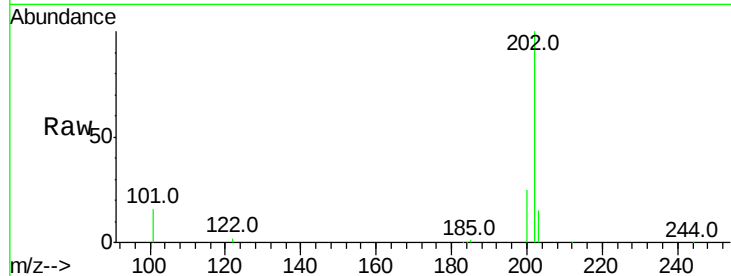
ClientSampleId :

SSTDICCC0.4

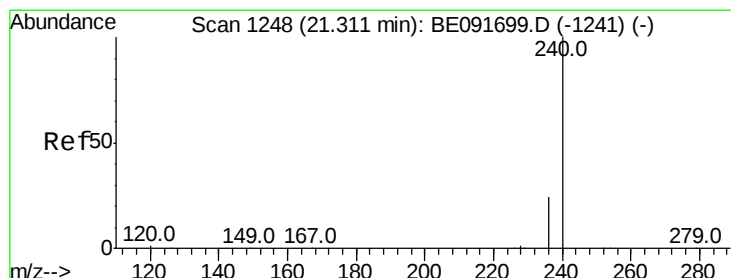
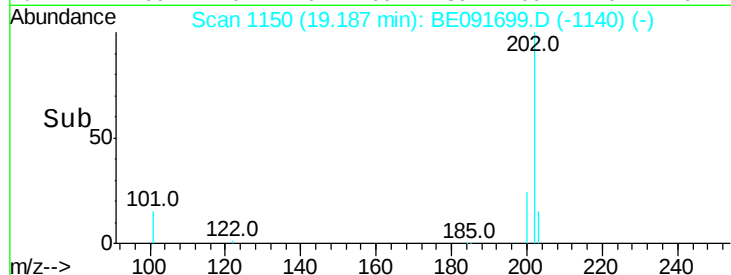
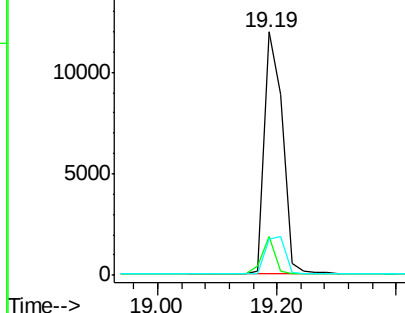
Tot Ion:	202	Resp:	25215
Ion Ratio	Lower	Upper	
202	100		
101	11.4	11.0	16.6
203	17.4	13.9	20.9

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 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

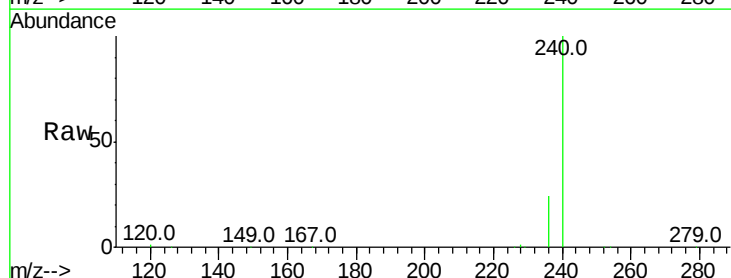
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

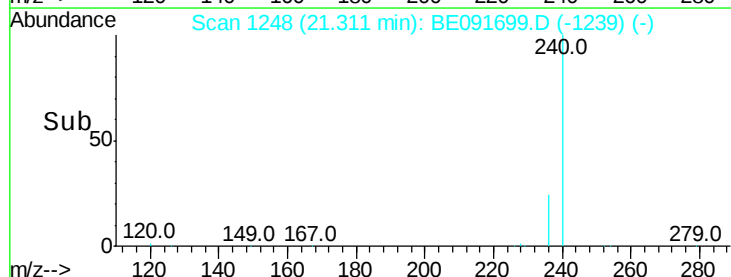
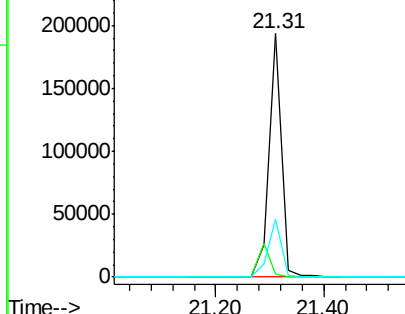
Lab File: BE091699.D

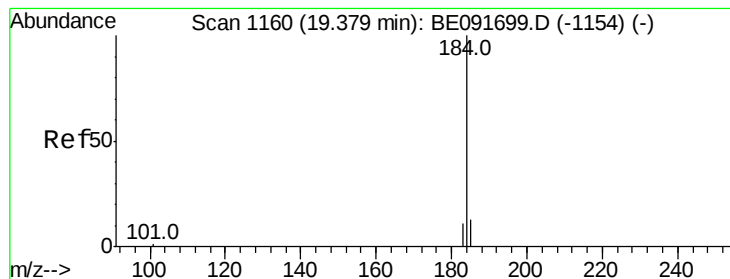
Acq: 26 Apr 2016 11:33

Tgt Ion:	240	Resp:	315947
Ion Ratio	Lower	Upper	
240	100		
120	1.4	11.0	16.4#
236	24.0	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: 0.32 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

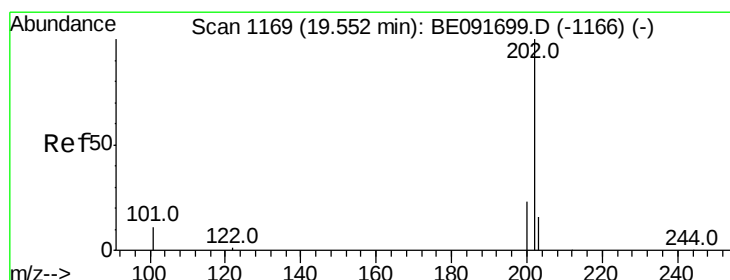
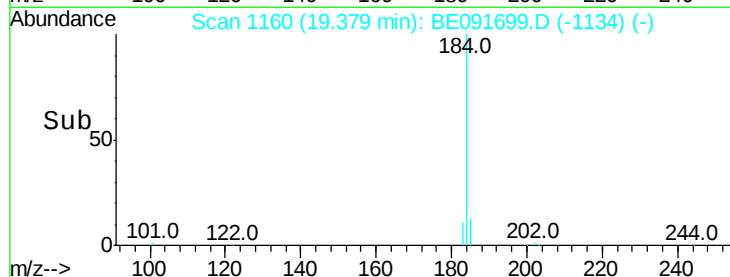
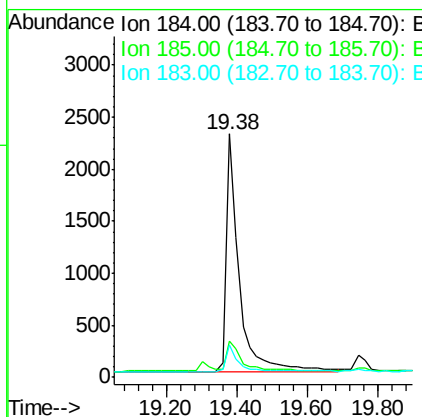
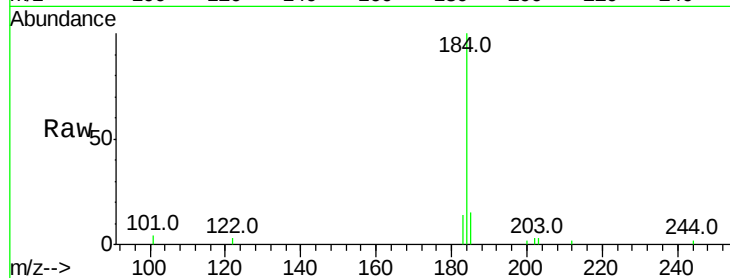
ClientSampleId :

SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	22.3	33.5#
183	13.5	16.4	24.6#

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#28

Pyrene

Concen: 0.38 ng

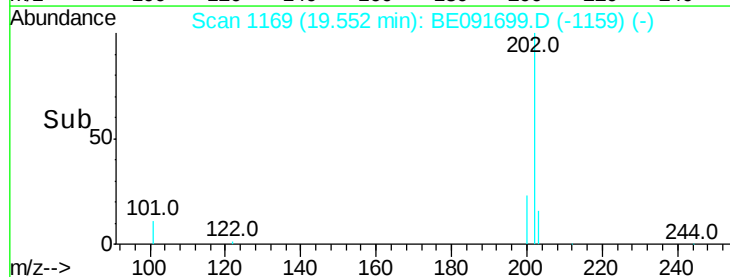
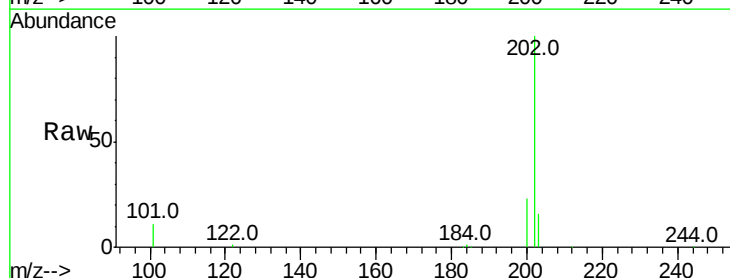
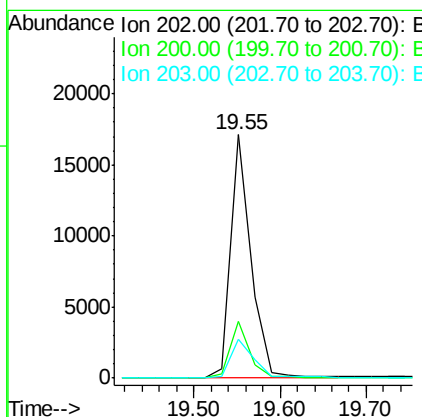
RT: 19.55 min Scan# 1169

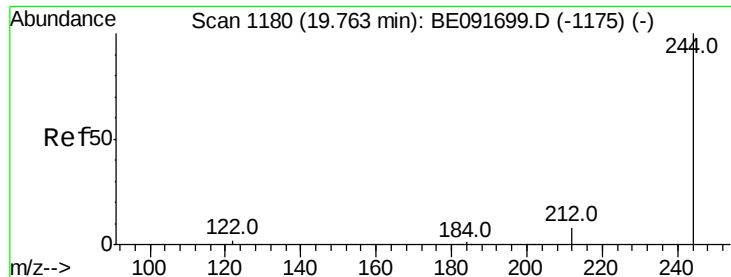
Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.3	14.0	21.0





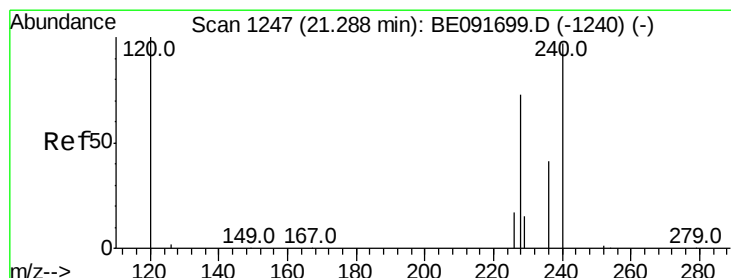
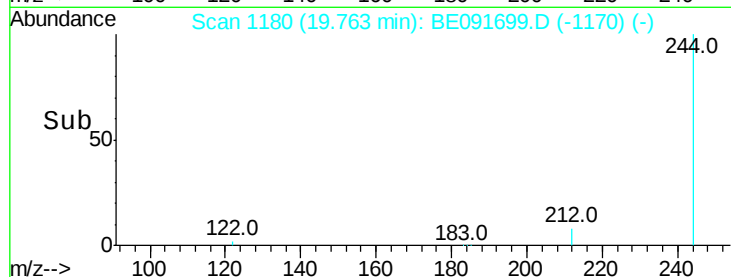
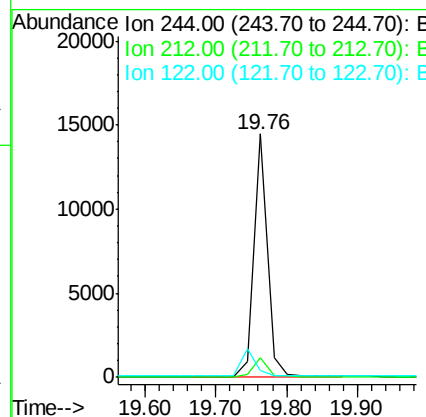
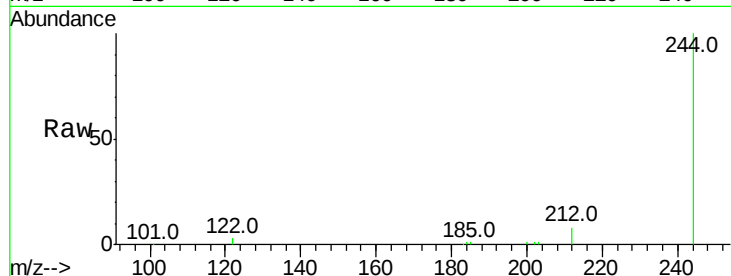
#29
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	2.5	11.0	16.4

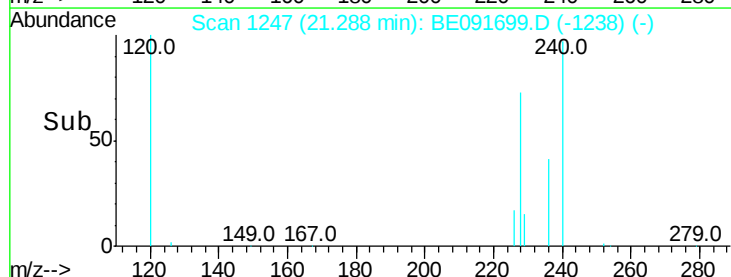
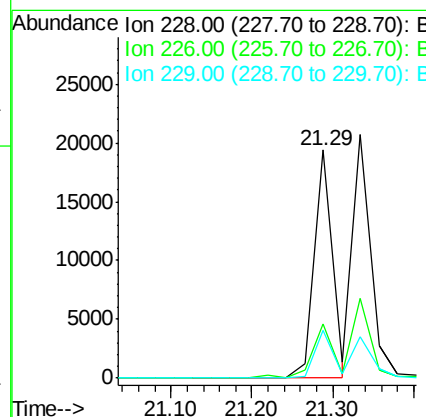
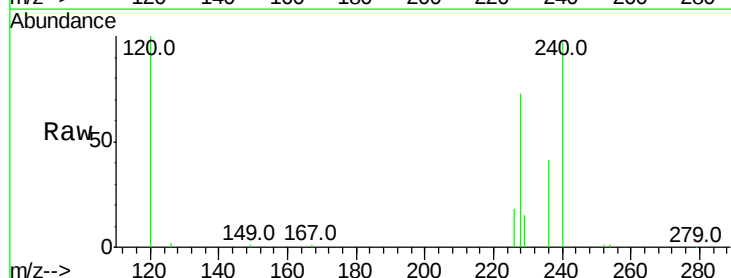
Manual Integrations
 APPROVED

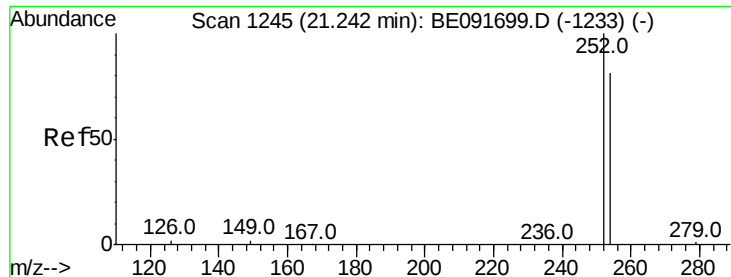
sohil
 4/27/2016 7:02:03 PM



#30
 Benzo(a)anthracene
 Concen: 0.39 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.9	21.0	31.4
229	21.2	15.7	23.5





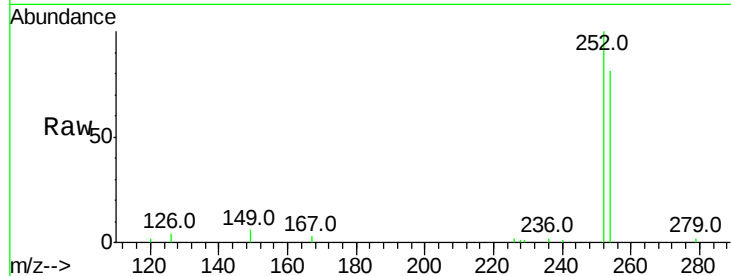
#31
 3,3'-Dichlorobenzidine
 Concen: 0.42 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

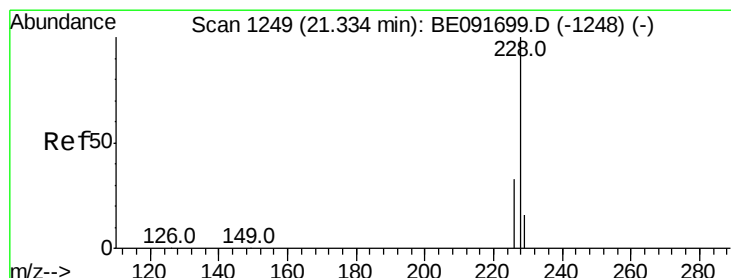
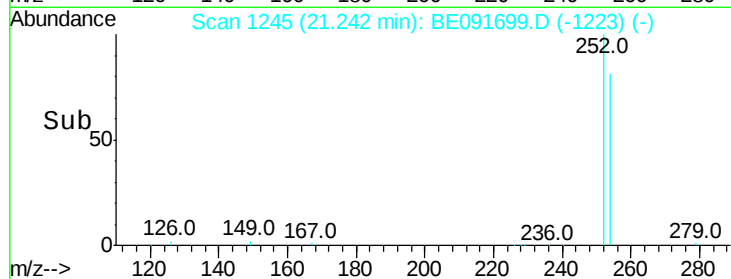
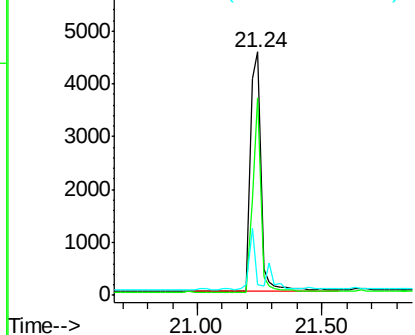
Tot Ion	Ratio	Lower	Upper
252	100		
254	81.2	51.1	76.7#
126	4.2	12.6	18.8#

Manual Integrations
 APPROVED

sohil
 4/27/2016 7:02:03 PM



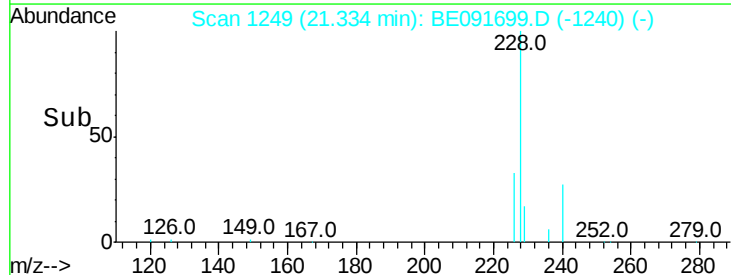
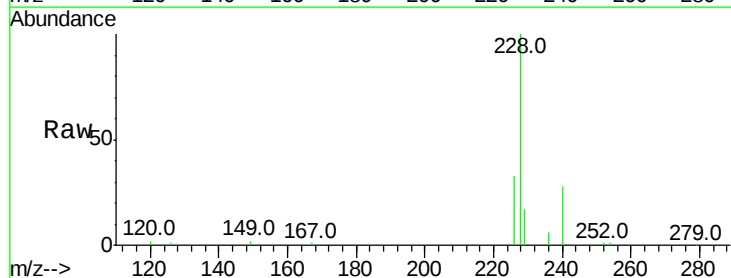
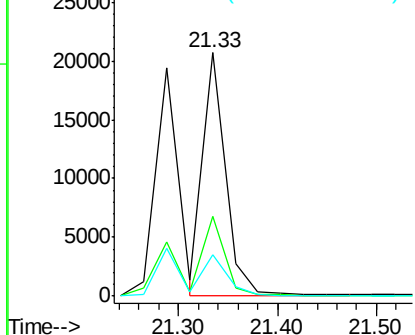
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#32
 Chrysene
 Concen: 0.41 ng m
 RT: 21.33 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	17.0	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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.49 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

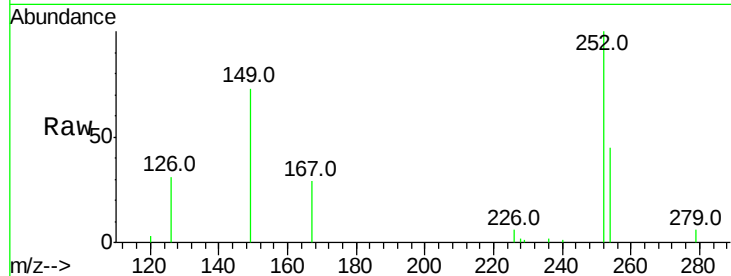
ClientSampleId :

SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	19.5	29.3#
279	4.1	10.0	15.0#

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM

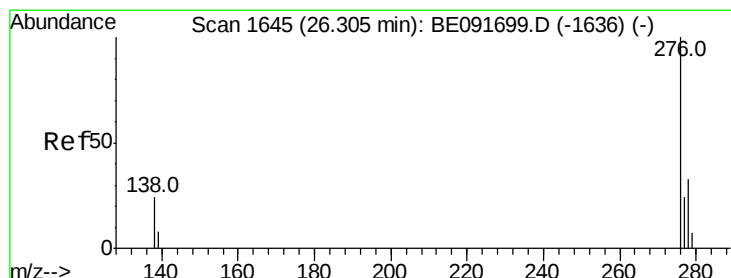
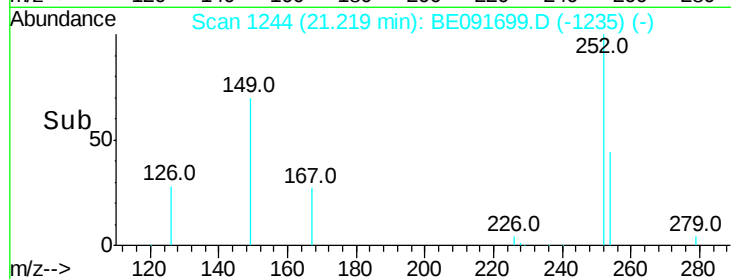
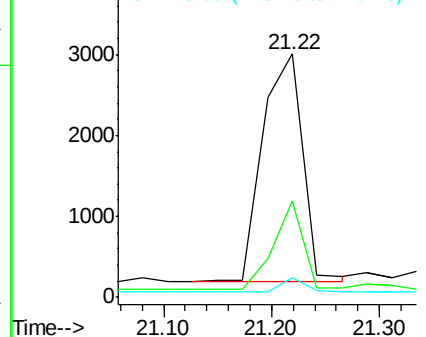


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng

RT: 26.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

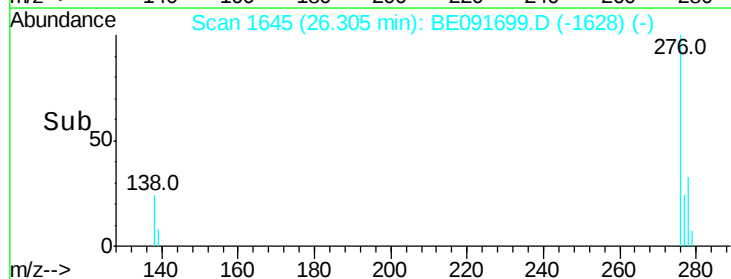
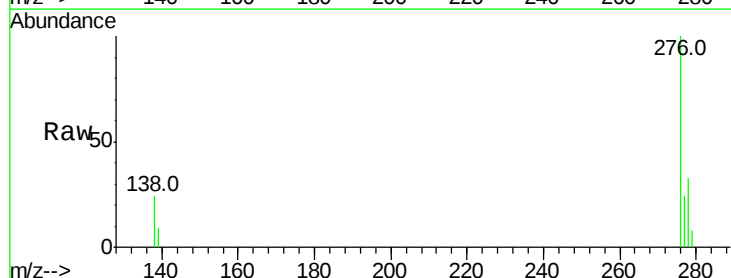
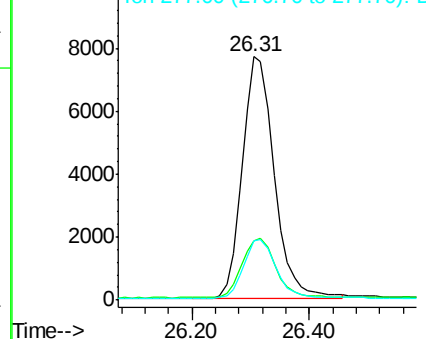
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.2
277	24.9	19.8	29.8

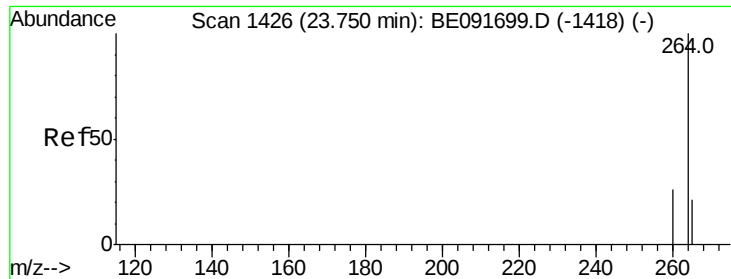
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





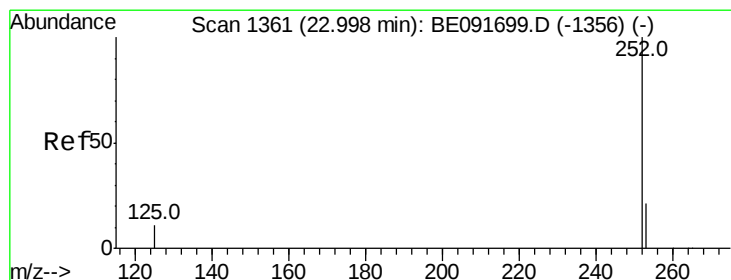
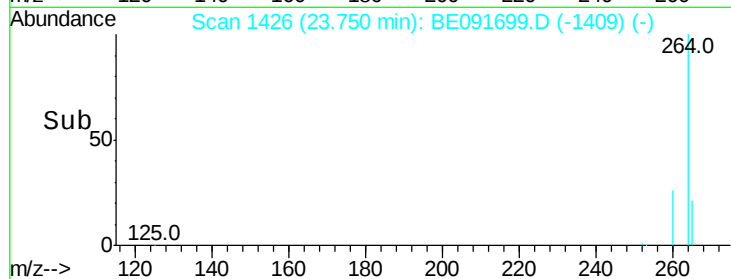
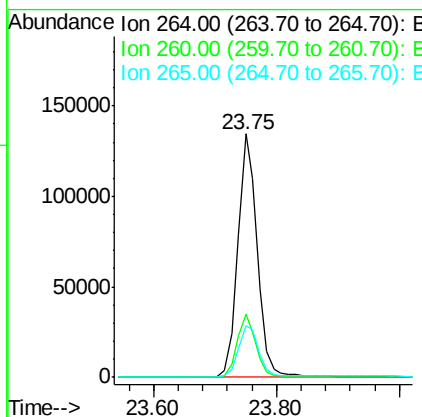
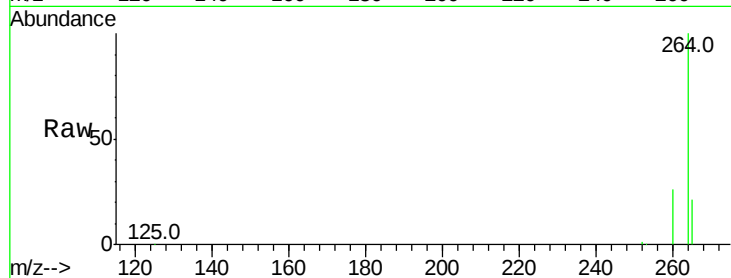
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
264	100	296727		
260	26.2	20.0	30.0	
265	21.4	17.5	26.3	

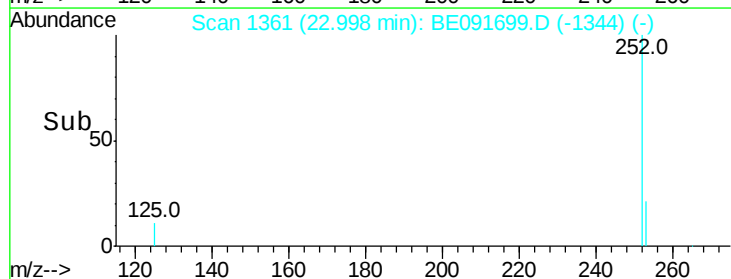
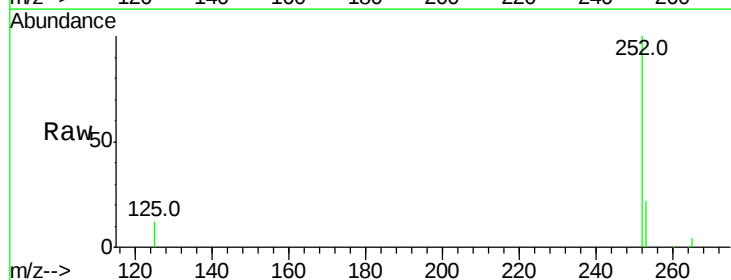
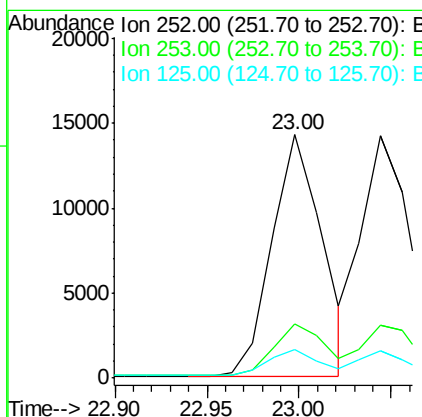
Manual Integrations
APPROVED

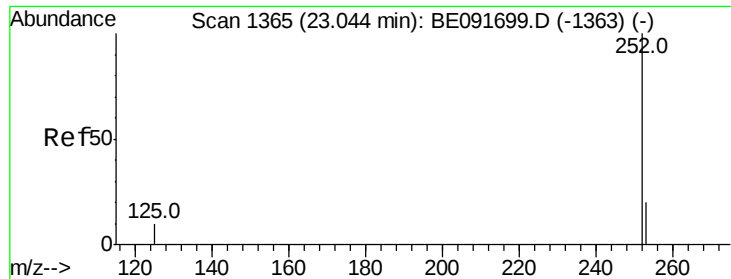
sohil
4/27/2016 7:02:03 PM



#36
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	26988		
253	22.2	17.4	26.0	
125	11.7	10.2	15.2	





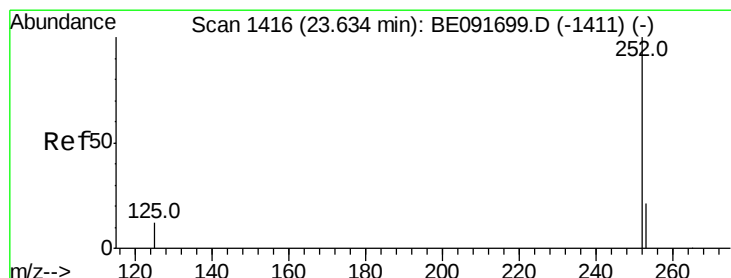
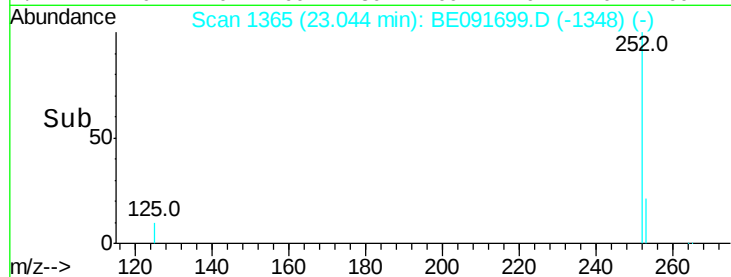
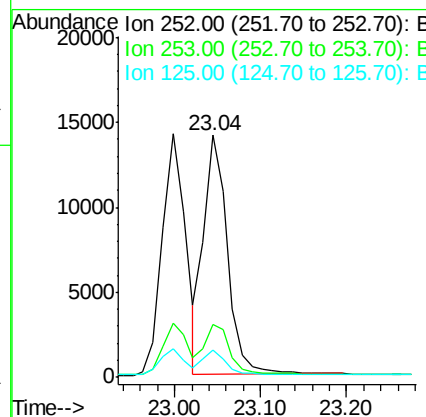
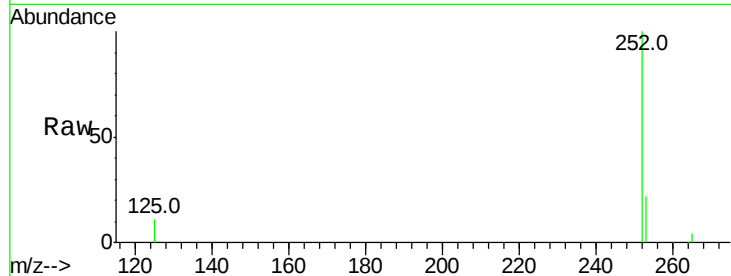
#37
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.2	9.9	14.9

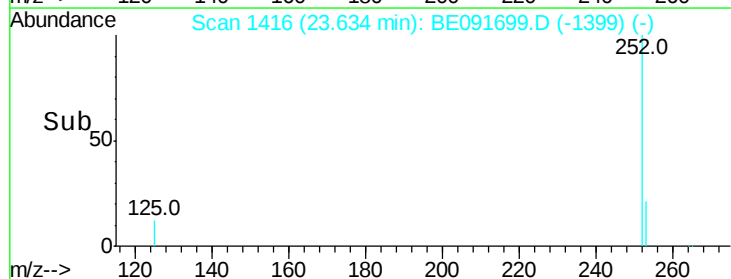
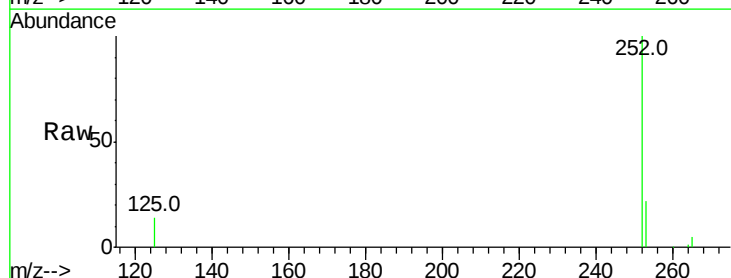
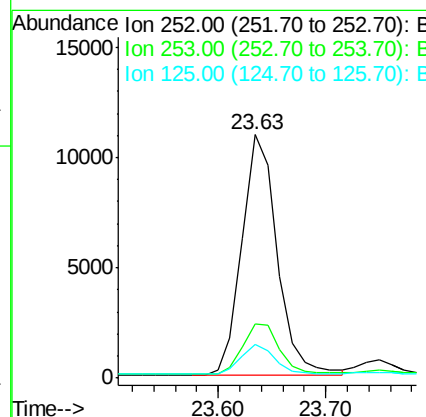
Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#38
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.63 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.8	11.0	16.4





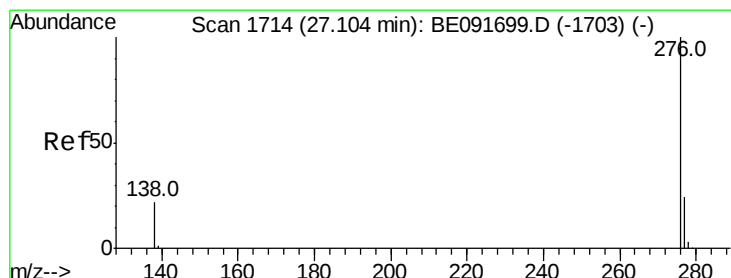
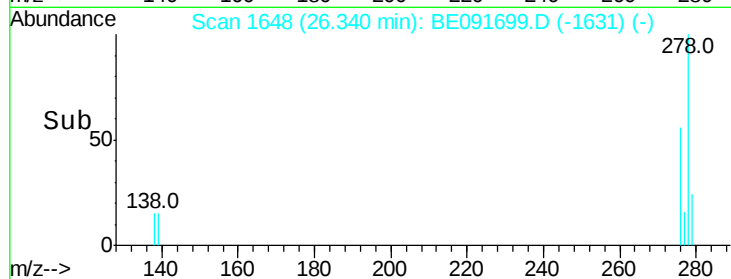
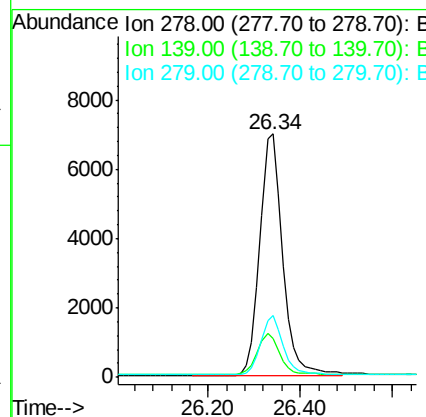
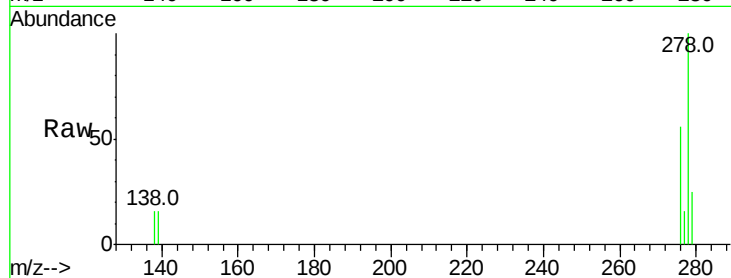
#39
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.34 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	16.0	24.0#
279	25.3	19.4	29.2

Manual Integrations
APPROVED

sohil
4/27/2016 7:02:03 PM



#40
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.10 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	22.8	20.4	30.6

