

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092089.D
 Acq On : 1 Aug 2016 12:25
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Manual Integrations
 APPROVED

sohil
 8/2/2016 5:09:38 PM

Quant Time: Aug 01 16:21:05 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 15:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9810	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	42256	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	20935	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	93154	5.00	ng	0.00
31) Chrysene-d12	21.74	240	102701	5.00	ng	0.00
40) Perylene-d12	24.15	264	91921	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	758	0.35	ng	0.00
5) Phenol-d6	7.33	99	878	0.30	ng	0.00
9) Nitrobenzene-d5	9.35	82	906	0.29	ng	0.00
16) 2,4,6-Tribromophenol	16.34	330	327m	0.45	ng	0.00
17) 2-Fluorobiphenyl	13.46	172	1745	0.21	ng	0.00
34) Terphenyl-d14	20.21	244	5044	0.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	305	0.23	ng	# 85
3) n-Nitrosodimethylamine	3.80	42	358	0.22	ng	95
6) bis(2-Chloroethyl)ether	7.59	93	606	0.21	ng	99
7) n-Nitroso-di-n-propylamine	8.98	70	554	0.24	ng	99
10) Nitrobenzene	9.39	77	695	0.23	ng	99
11) bis(2-Chloroethoxy)methane	10.40	93	1166	0.33	ng	# 85
12) Naphthalene	11.02	128	1994	0.22	ng	# 92
13) Hexachlorobutadiene	11.32	225	340	0.25	ng	# 96
14) 2-Methylnaphthalene	12.65	142	1338	0.22	ng	# 87
18) Acenaphthylene	14.58	152	10123	0.19	ng	# 95
19) 2,6-Dinitrotoluene	14.46	165	1199m	0.22	ng	
20) Acenaphthene	14.92	154	1333	0.23	ng	# 75
21) 2,4-Dinitrotoluene	15.25	165	1599	0.23	ng	# 1
22) Fluorene	15.89	166	2076	0.23	ng	99
23) 4-Chlorophenyl-phenylether	15.89	204	1210	0.27	ng	# 61
25) 4-Bromophenyl-phenylether	16.76	248	623	0.16	ng	99
26) Hexachlorobenzene	16.90	284	638	0.16	ng	98
27) Pentachlorophenol	17.26	266	101	0.09	ng	89
28) Phenanthrene	17.63	178	5441m	0.23	ng	
29) Anthracene	17.72	178	3745	0.17	ng	99
30) Fluoranthene	19.64	202	16218	0.15	ng	# 89
32) Benzidine	19.84	184	780	0.15	ng	# 1
33) Pyrene	19.98	202	22037	0.17	ng	97
35) Benzo(a)anthracene	21.72	228	5721m	0.12	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	1668	0.18	ng	# 94
37) Chrysene	21.78	228	5660m	0.14	ng	
38) Bis(2-ethylhexyl)phthalate	21.65	149	5652	0.06	ng	# 31
39) Indeno(1,2,3-cd)pyrene	26.65	276	21665	0.18	ng	100
41) Benzo(b)fluoranthene	23.41	252	5143	0.18	ng	# 91
42) Benzo(k)fluoranthene	23.46	252	5826	0.20	ng	# 93
43) Benzo(a)pyrene	24.04	252	4771	0.20	ng	# 89
44) Dibenzo(a,h)anthracene	26.69	278	4433	0.22	ng	95
45) Benzo(a,h,i)perylene	27.43	276	18842	0.22	ng	96

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
Data File : BE092089.D
Acq On : 1 Aug 2016 12:25
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Manual Integrations
APPROVED

sohil
8/2/2016 5:09:38 PM

Quant Time: Aug 01 16:21:05 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

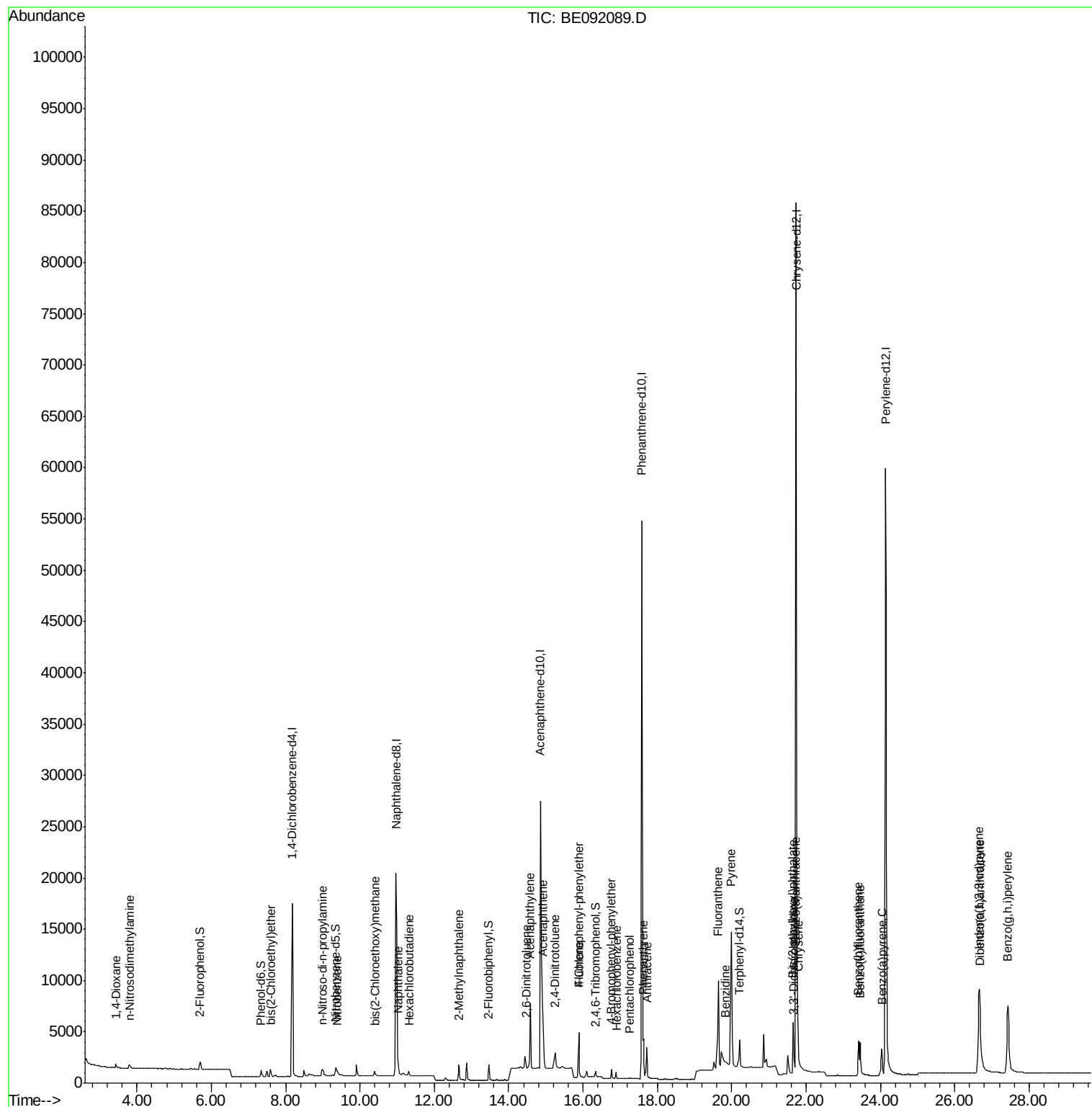
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
Data File : BE092089.D
Acq On : 1 Aug 2016 12:25
Operator : UM/SJ
Sample : SSTDIC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

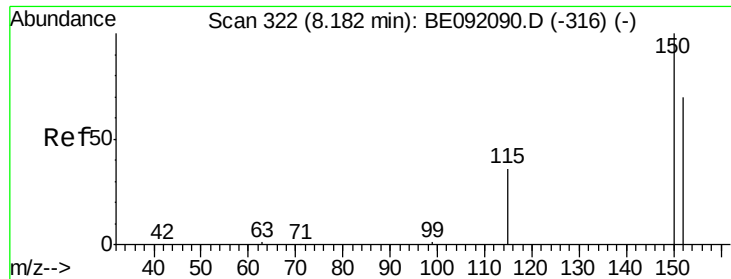
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Manual Integrations
APPROVED

sohil
8/2/2016 5:09:38 PM

Quant Time: Aug 01 16:21:05 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:59:29 2016
Response via : Initial Calibration





#1

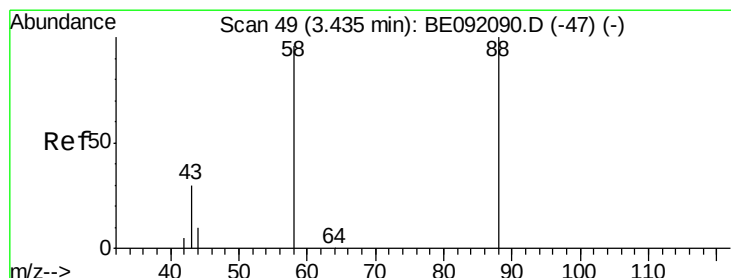
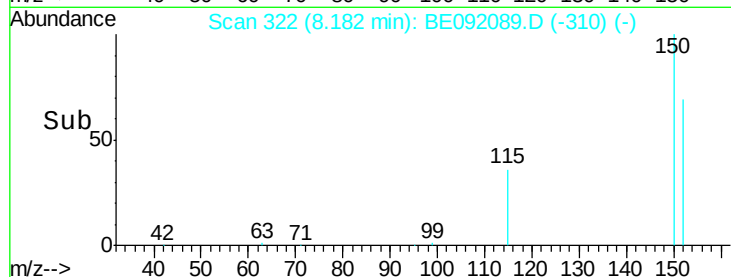
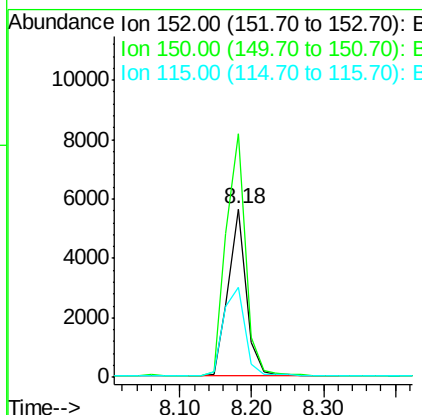
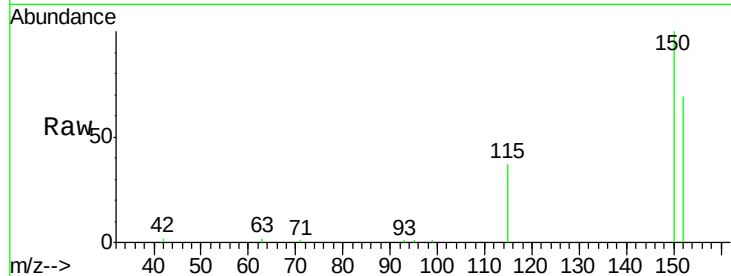
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.18 min Scan# 322
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	106.0	159.0
115	53.3	36.9	55.3

Manual Integrations
APPROVED

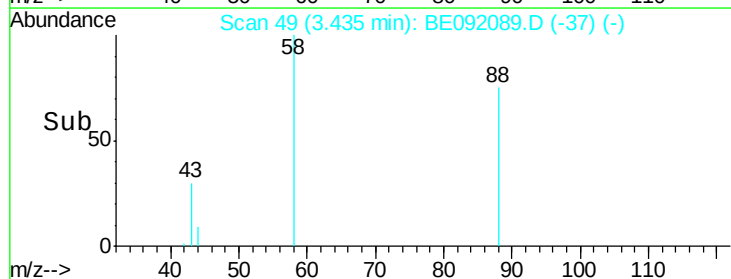
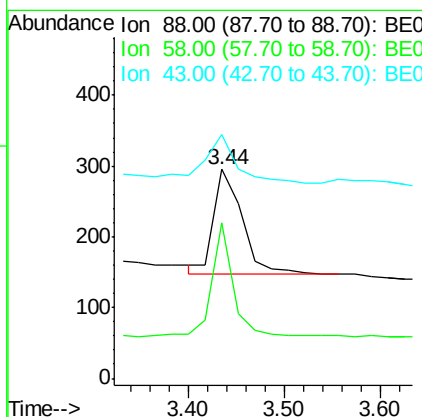
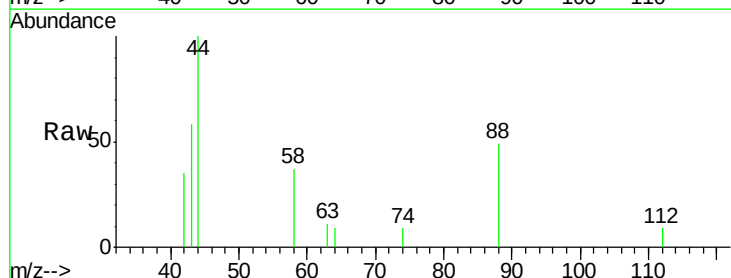
sohil
8/2/2016 5:09:38 PM

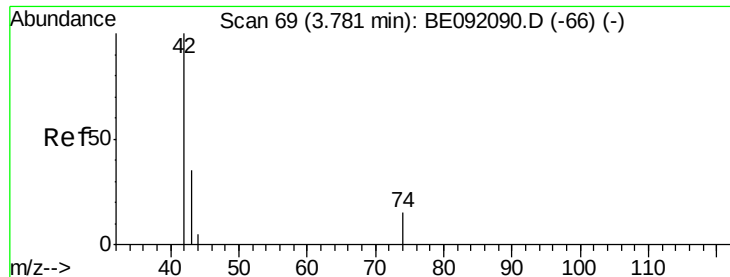


#2

1,4-Dioxane
Concen: 0.23 ng
RT: 3.44 min Scan# 49
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	62.1	93.1
43	54.1	27.2	40.8





#3

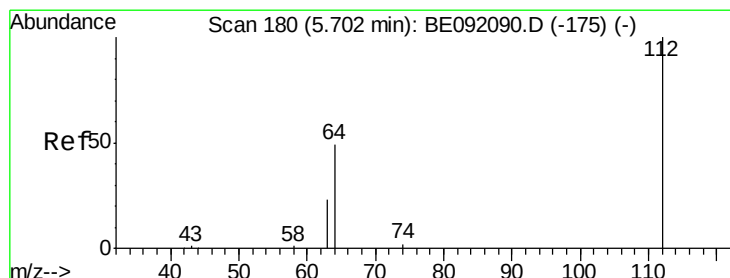
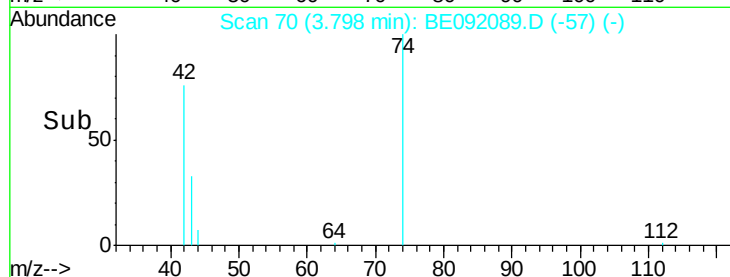
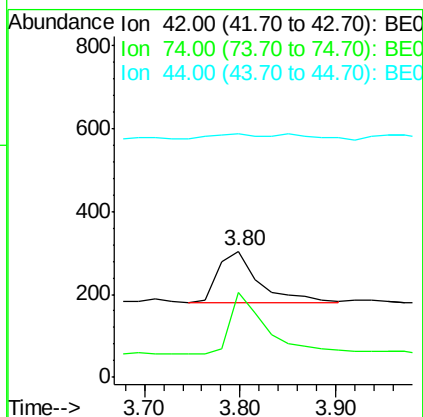
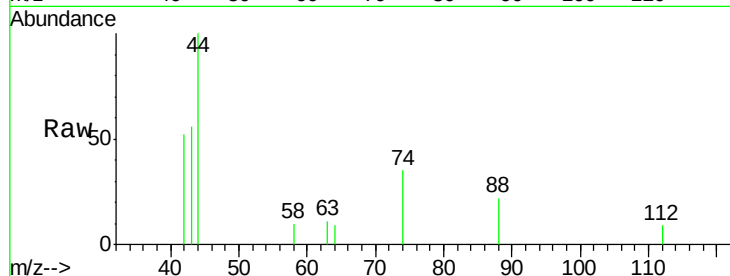
n-Nitrosodimethylamine
 Concen: 0.22 ng
 RT: 3.80 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: BE092089.D
 Acq: 1 Aug 2016 12:25

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tot Ion:	42	Resp:	358
Ion	Ratio	Lower	Upper
42	100		
74	108.7	82.8	124.2
44	9.8	9.0	13.4

Manual Integrations
 APPROVED

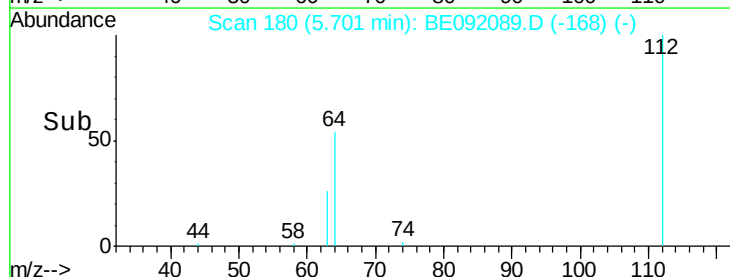
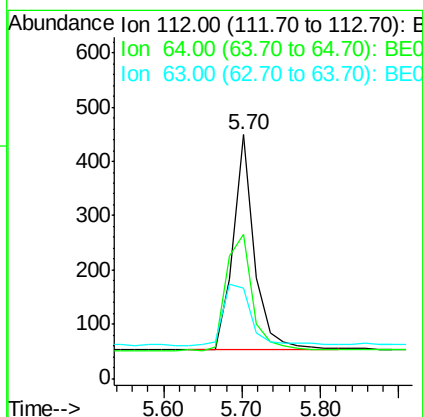
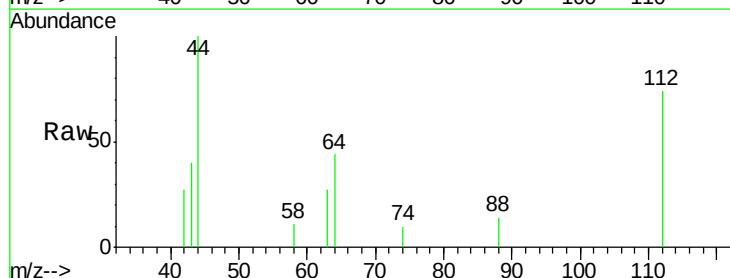
sohil
 8/2/2016 5:09:38 PM

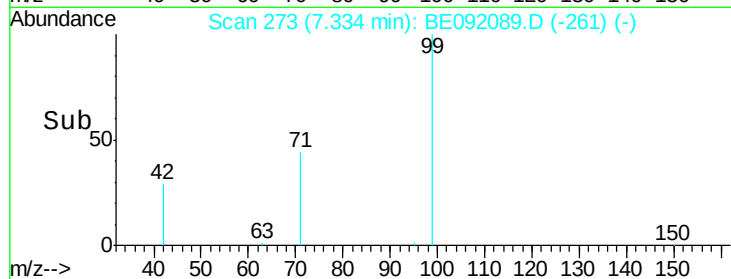
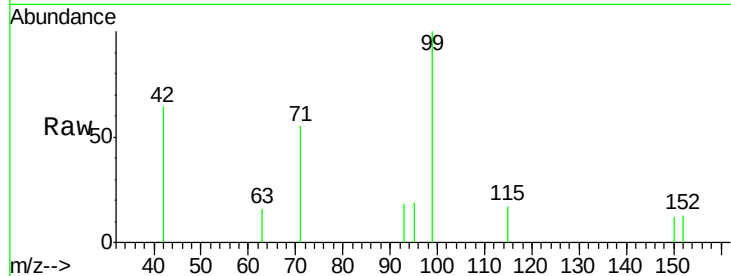
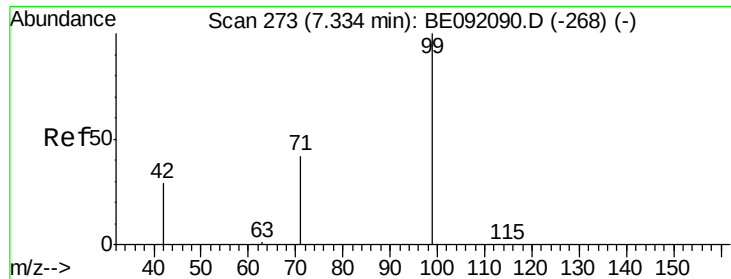


#4

2-Fluorophenol
 Concen: 0.35 ng
 RT: 5.70 min Scan# 180
 Delta R.T. -0.00 min
 Lab File: BE092089.D
 Acq: 1 Aug 2016 12:25

Tgt Ion:	112	Resp:	758
Ion	Ratio	Lower	Upper
112	100		
64	66.2	55.9	83.9
63	36.9	31.1	46.7





#5

Phenol-d6

Concen: 0.30 ng

RT: 7.33 min Scan# 273

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Tot Ion:	99	Resp:	878
Ion	Ratio	Lower	Upper
99	100		
42	28.6	22.4	33.6
71	35.1	28.9	43.3

Instrument :

BNA_E

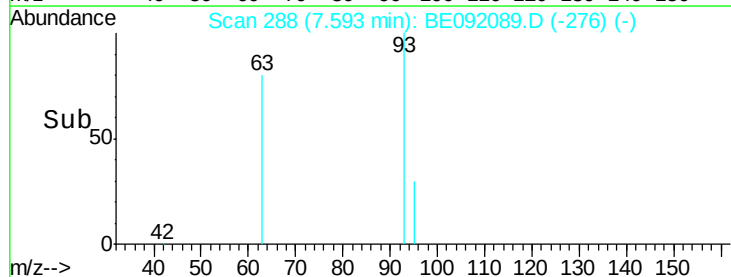
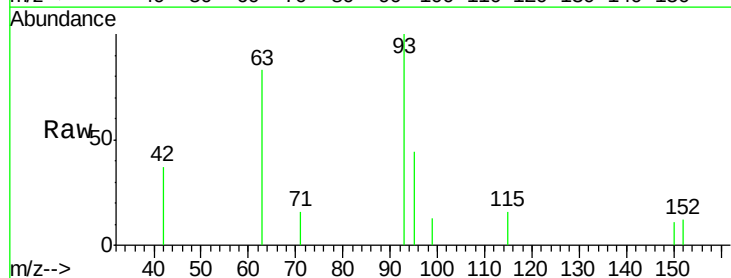
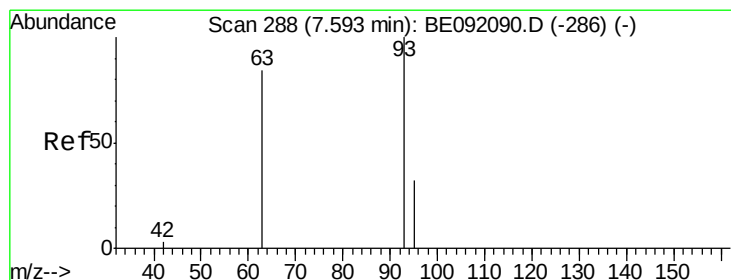
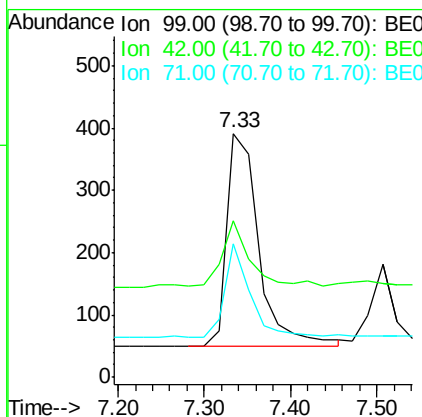
ClientSampled :

SSTDICC0.2

Manual Integrations
APPROVED

sohil

8/2/2016 5:09:38 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.21 ng

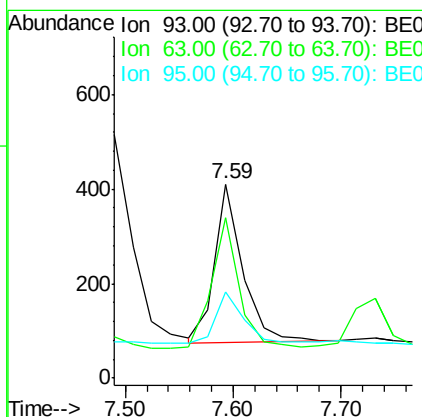
RT: 7.59 min Scan# 288

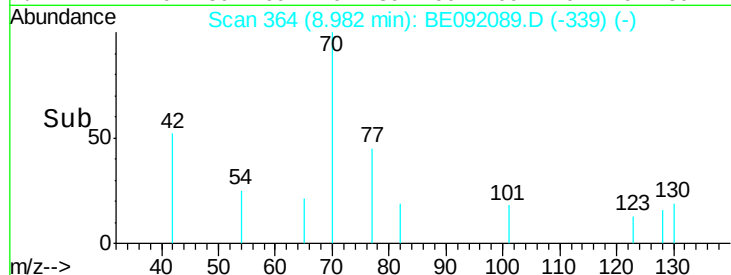
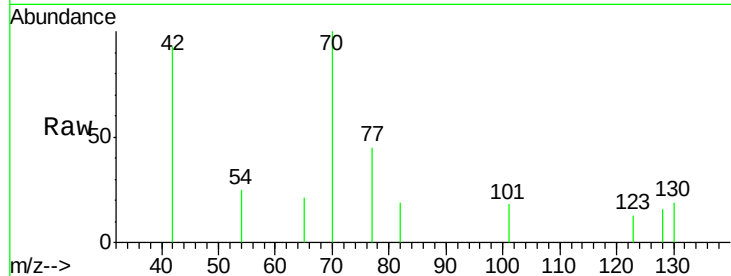
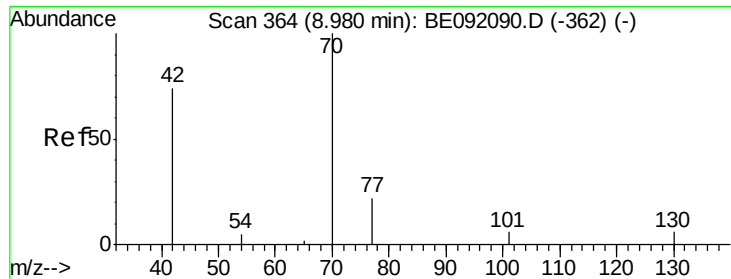
Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Tgt Ion:	93	Resp:	606
Ion	Ratio	Lower	Upper
93	100		
63	81.8	64.4	96.6
95	32.0	25.8	38.8





#7

n-Nitroso-di-n-propylamine

Concen: 0.24 ng

RT: 8.98 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampled :

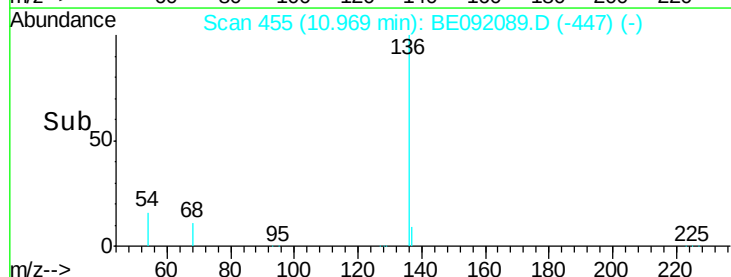
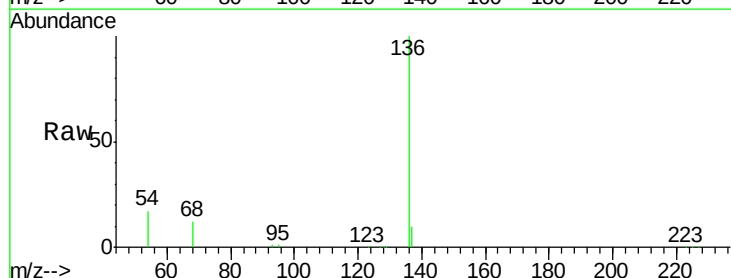
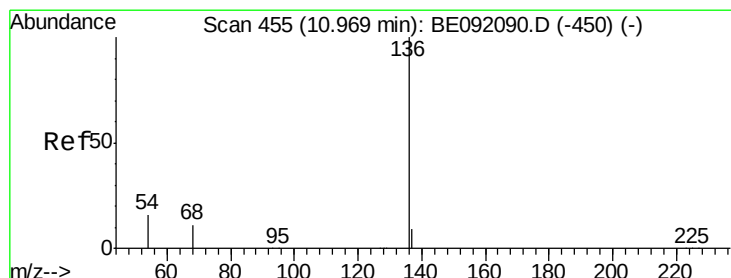
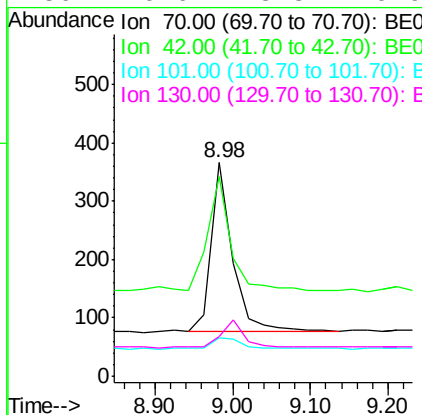
SSTDIC0.2

Tot Ion:	70	Resp:	554
Ion	Ratio	Lower	Upper
70	100		
42	74.5	60.2	90.4
101	10.1	6.8	10.2
130	16.6	13.3	19.9

Manual Integrations
APPROVED

sohil

8/2/2016 5:09:38 PM



#8

Naphthalene-d8

Concen: 5.00 ng

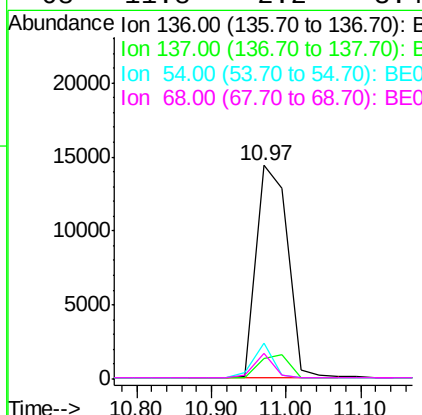
RT: 10.97 min Scan# 455

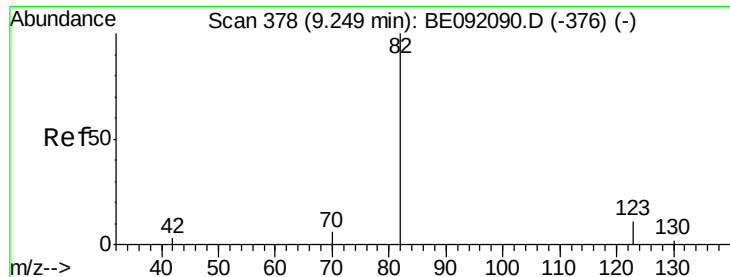
Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Tgt Ion:	136	Resp:	42256
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	16.9	2.7	4.1#
68	11.8	2.2	3.4#





#9

Nitrobenzene-d5

Concen: 0.29 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

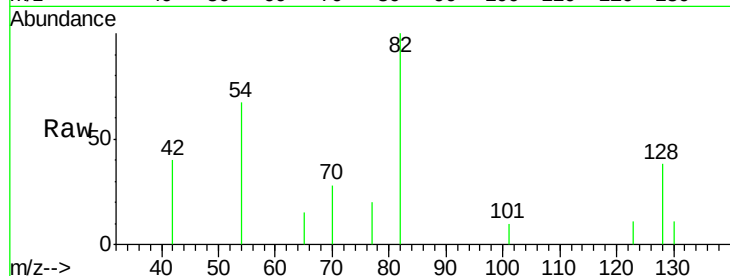
SSTDIC0.2

Tot Ion:	82	Resp:	906
Ion	Ratio	Lower	Upper
82	100		
128	37.6	33.0	49.4
54	66.7	42.6	63.8#

Manual Integrations
APPROVED

sohil

8/2/2016 5:09:38 PM

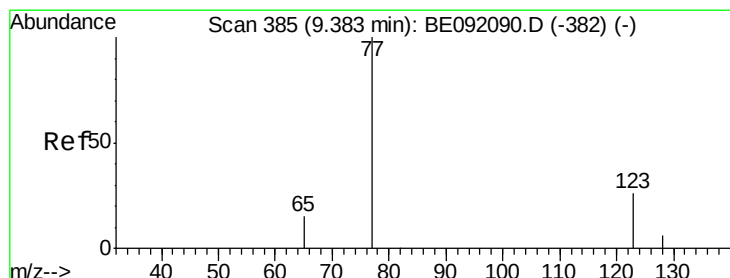
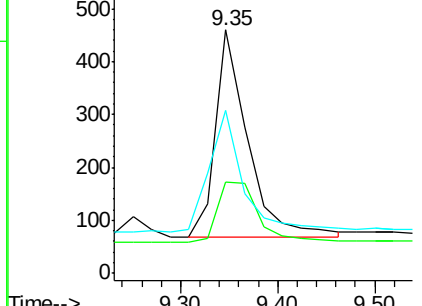
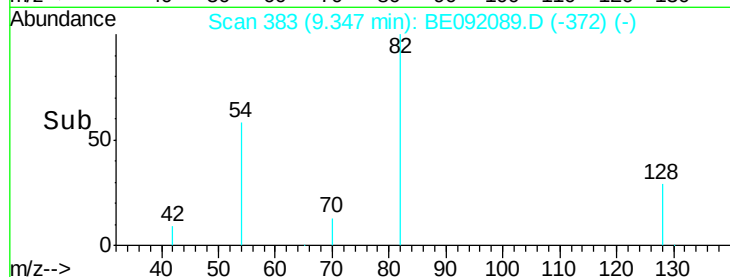


Abundance Ion 82.00 (81.70 to 82.70): BE092090.D (-376) (-)

Ion 128.00 (127.70 to 128.70): BE092090.D (-376) (-)

Ion 54.00 (53.70 to 54.70): BE092090.D (-376) (-)

Time-->



#10

Nitrobenzene

Concen: 0.23 ng

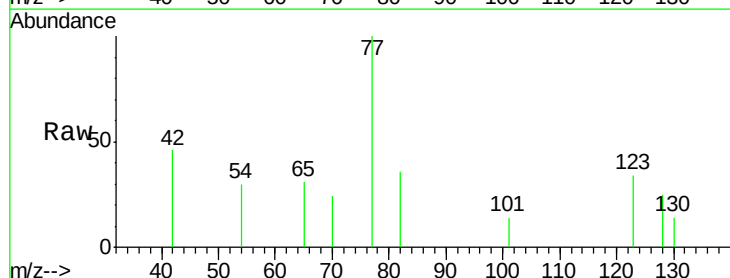
RT: 9.39 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Tgt Ion:	77	Resp:	695
Ion	Ratio	Lower	Upper
77	100		
123	38.1	29.9	44.9
65	13.4	11.4	17.0

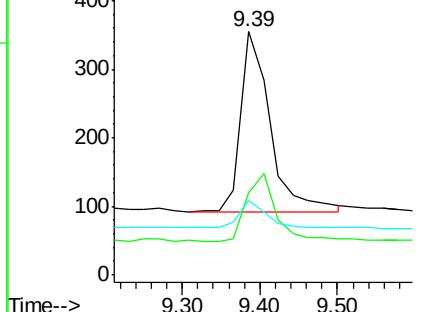
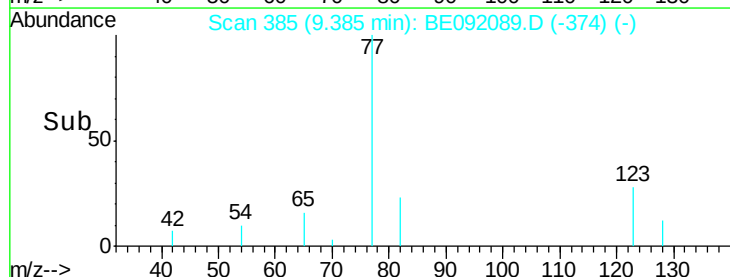


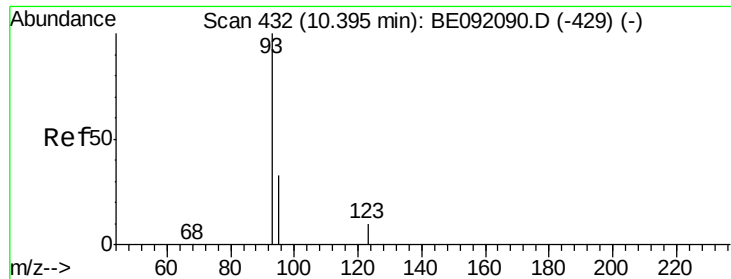
Abundance Ion 77.00 (76.70 to 77.70): BE092090.D (-382) (-)

Ion 123.00 (122.70 to 123.70): BE092090.D (-382) (-)

Ion 65.00 (64.70 to 65.70): BE092090.D (-382) (-)

Time-->





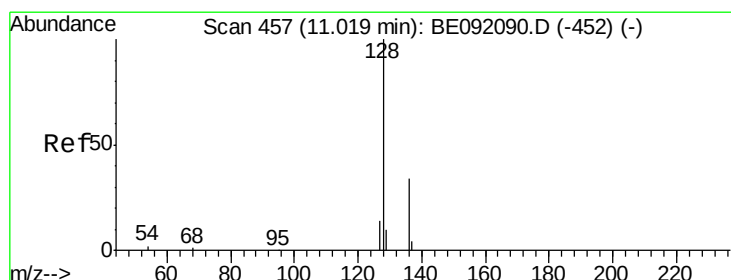
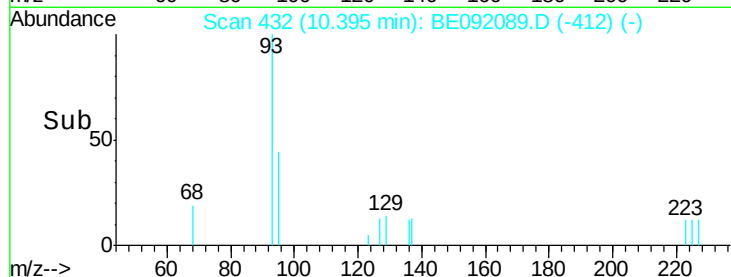
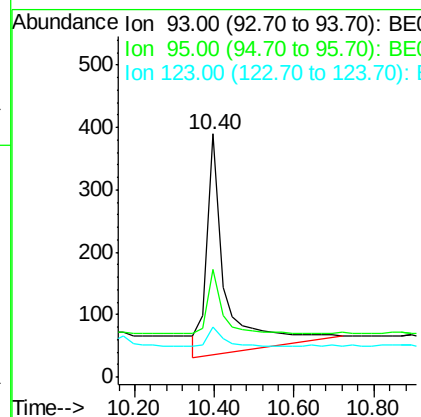
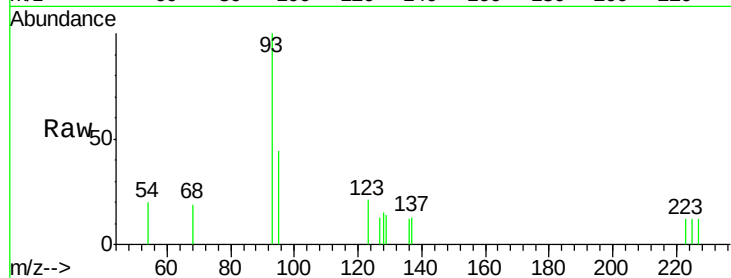
#11
bis(2-Chloroethoxy)methane
Concen: 0.33 ng
RT: 10.40 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion: 93 Resp: 1166
Ion Ratio Lower Upper
93 100
95 22.0 25.0 37.6#
123 6.9 7.8 11.8#

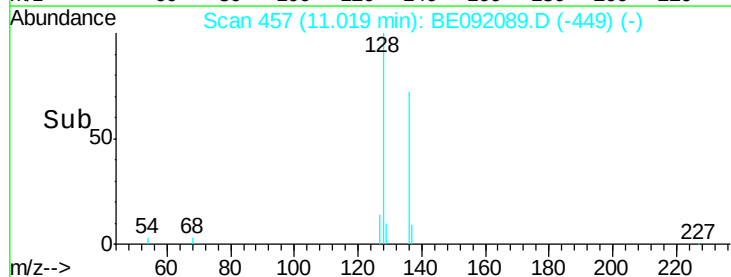
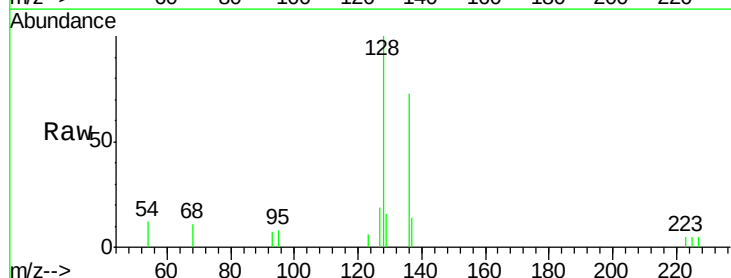
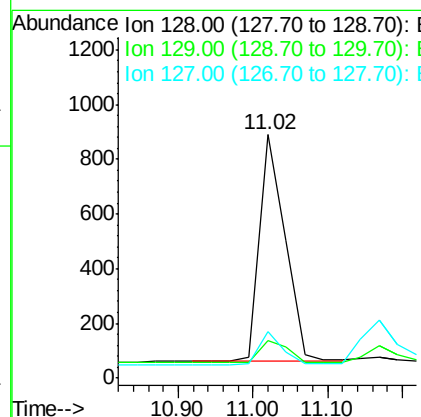
Manual Integrations
APPROVED

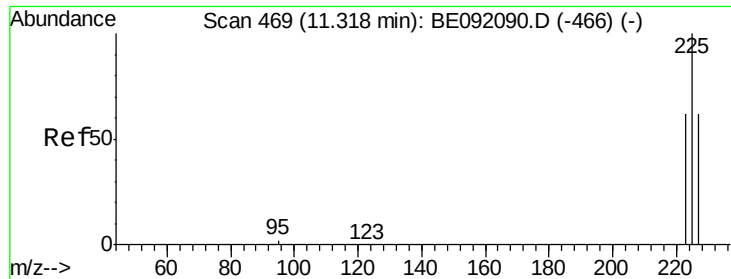
sohil
8/2/2016 5:09:38 PM



#12
Naphthalene
Concen: 0.22 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion: 128 Resp: 1994
Ion Ratio Lower Upper
128 100
129 15.6 11.1 16.7
127 19.0 11.3 16.9#





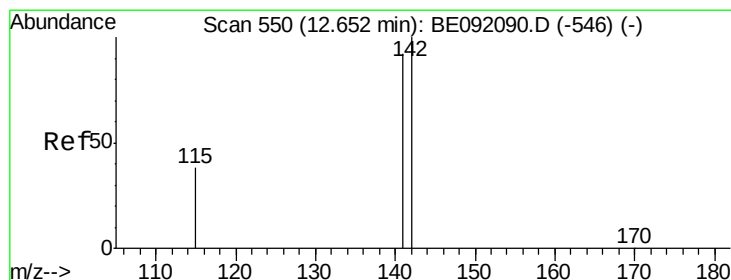
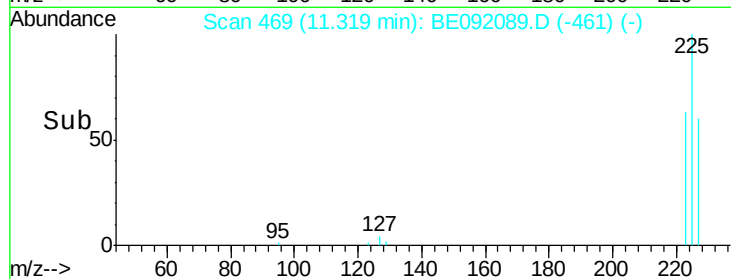
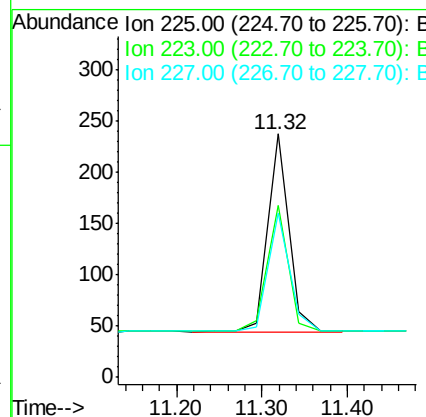
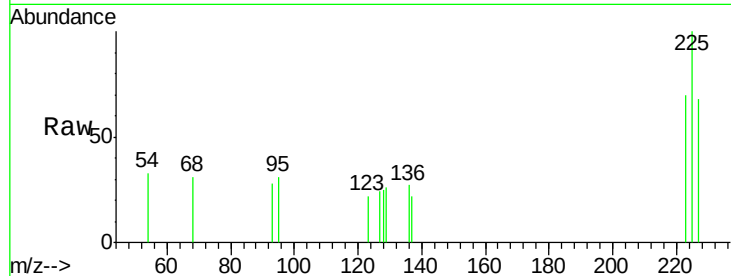
#13
Hexachlorobutadiene
Concen: 0.25 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.9	77.9
227	60.3	0.0	0.0#

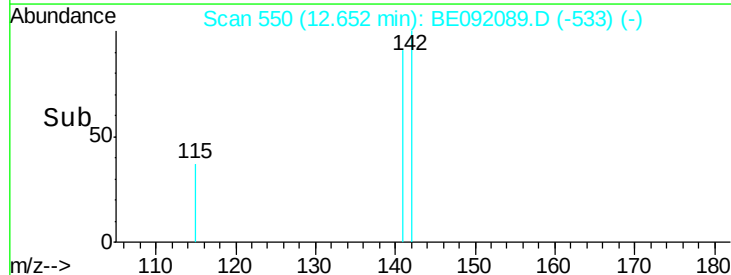
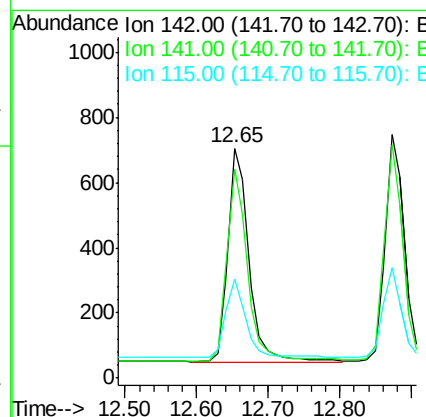
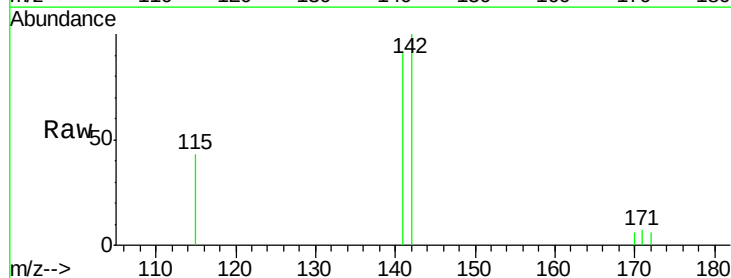
Manual Integrations
APPROVED

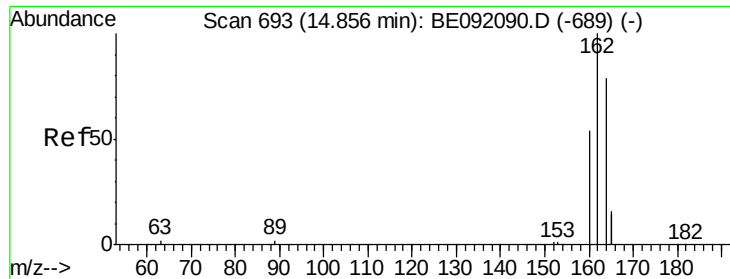
sohil
8/2/2016 5:09:38 PM



#14
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.65 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	65.1	97.7
115	43.3	27.0	40.4#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampled :

SSTDICC0.2

Tot Ion:164 Resp: 20935

Ion Ratio Lower Upper

164 100

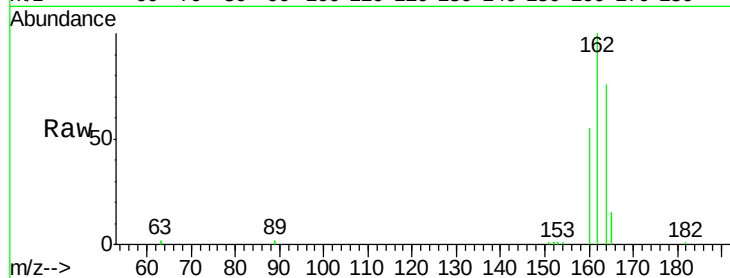
162 131.0 69.5 104.3#

160 71.4 27.6 41.4#

Manual Integrations
APPROVED

sohil

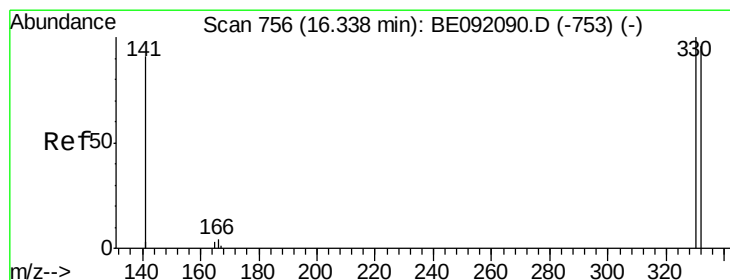
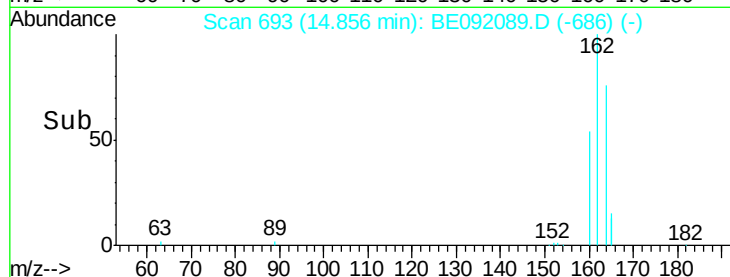
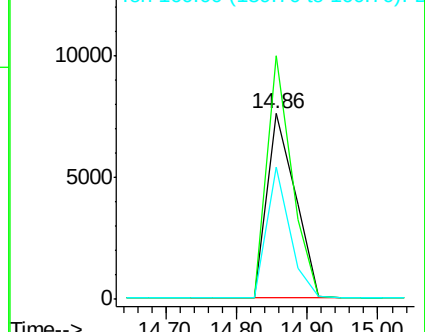
8/2/2016 5:09:38 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.45 ng m

RT: 16.34 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

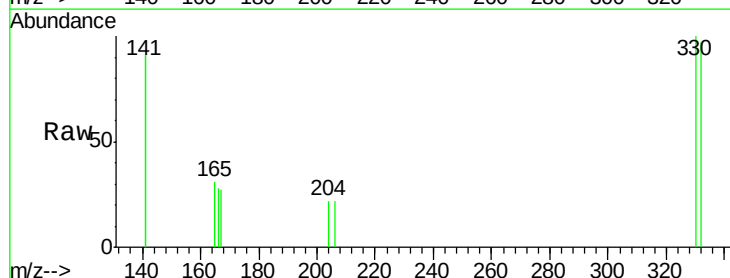
Tgt Ion:330 Resp: 327

Ion Ratio Lower Upper

330 100

332 99.7 74.2 111.4

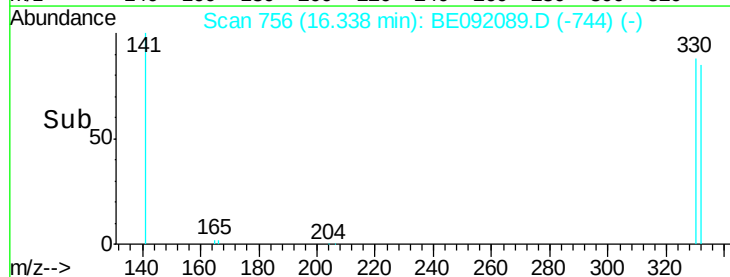
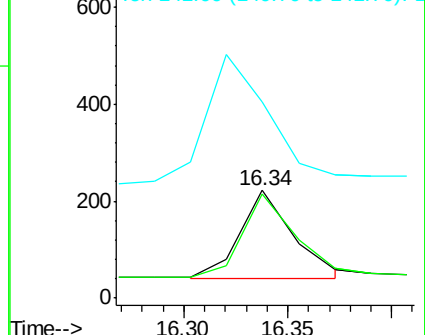
141 185.9 139.8 209.8

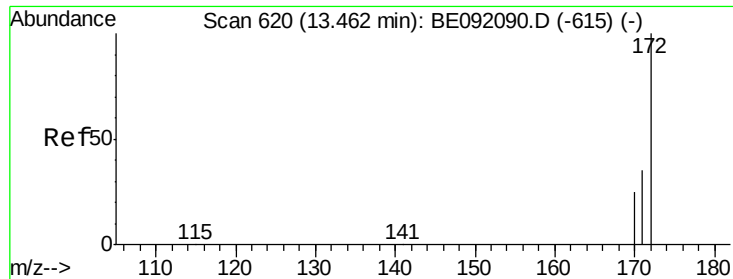


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





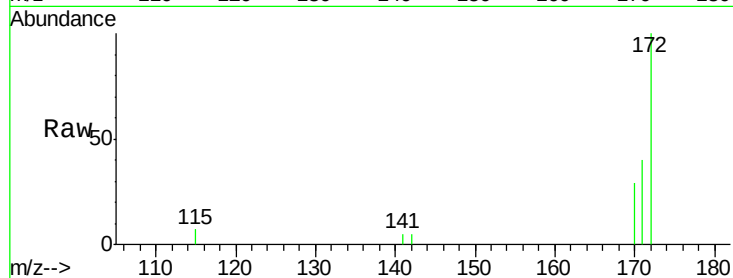
#17
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.46 min Scan# 620
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

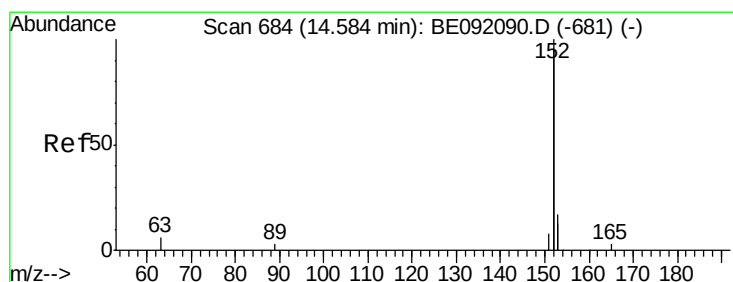
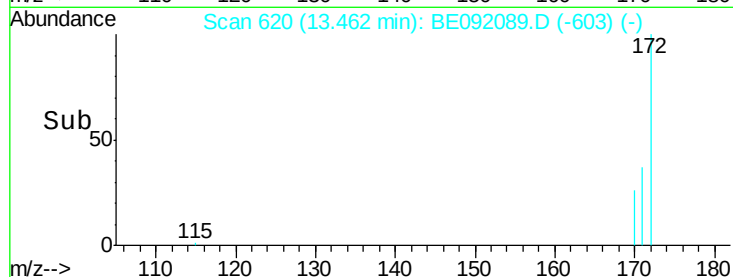
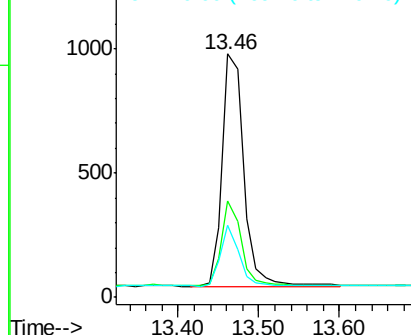
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.3	45.5
170	29.5	21.6	32.4

Manual Integrations
APPROVED

sohil
8/2/2016 5:09:38 PM

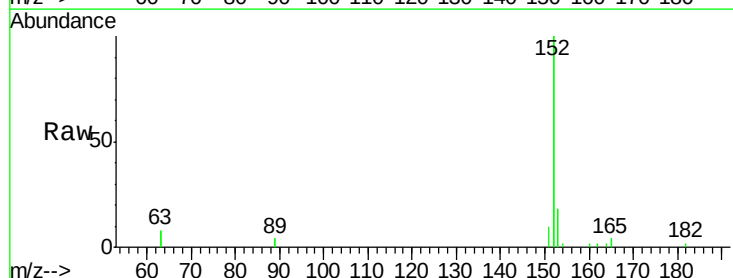


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

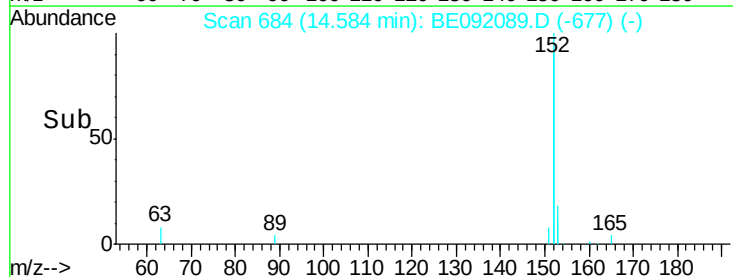
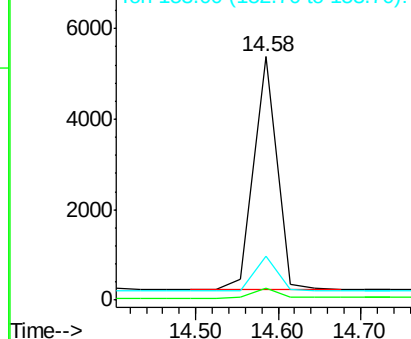


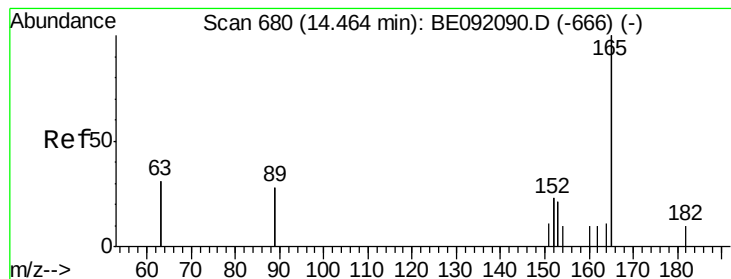
#18
Acenaphthylene
Concen: 0.19 ng
RT: 14.58 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.4	4.0	6.0
153	14.4	9.6	14.4#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#19

2,6-Dinitrotoluene

Concen: 0.22 ng/mL

RT: 14.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampled :

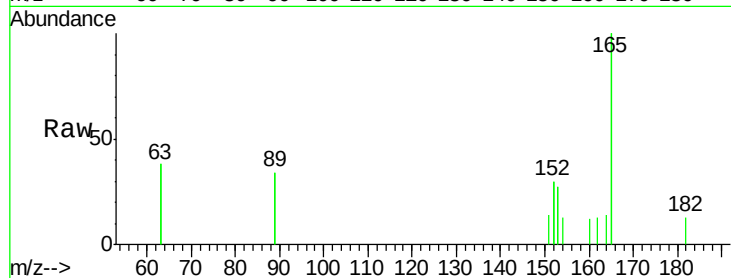
SSTDIC0.2

Tot Ion:	165	Resp:	1199
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
APPROVED

sohil

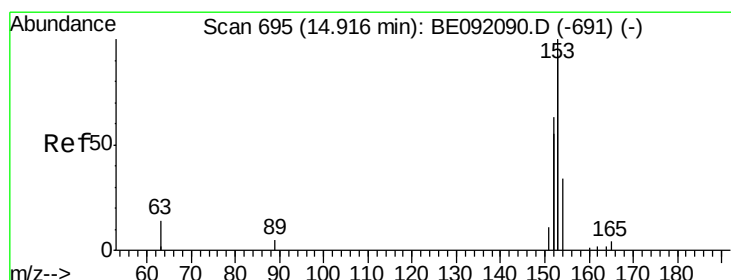
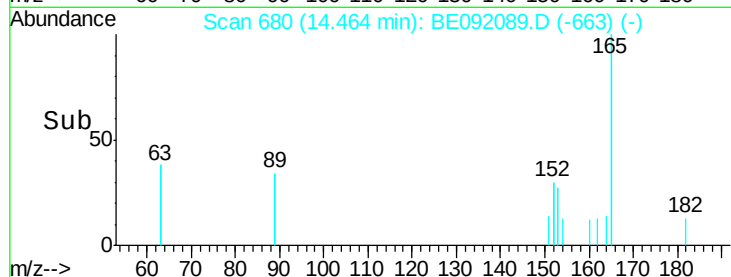
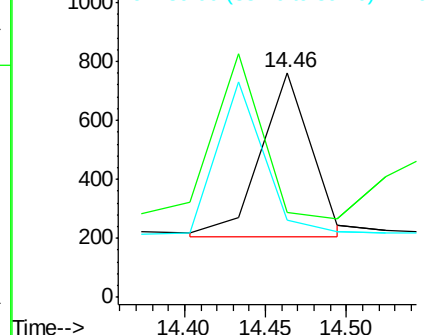
8/2/2016 5:09:38 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.23 ng

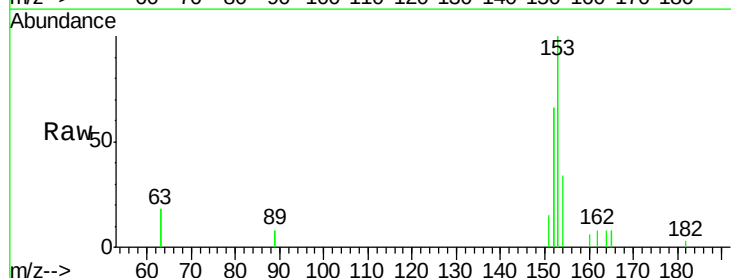
RT: 14.92 min Scan# 695

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

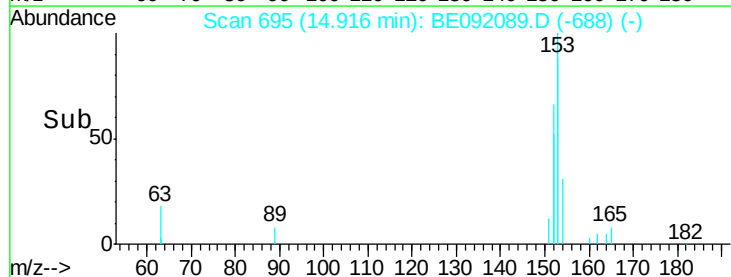
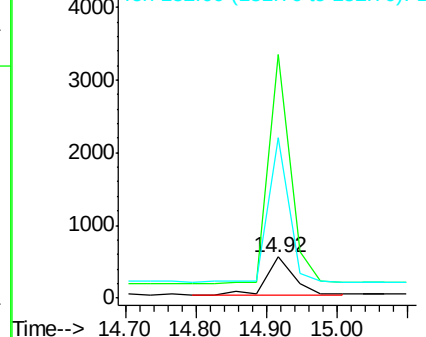
Tgt Ion:	154	Resp:	1333
Ion Ratio	Lower	Upper	
154	100		
153	492.6	345.1	517.7
152	289.9	0.0	0.0#

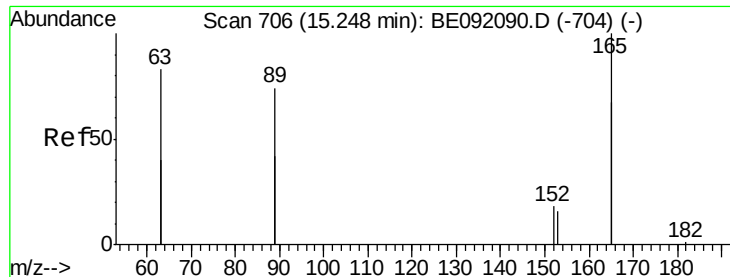


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





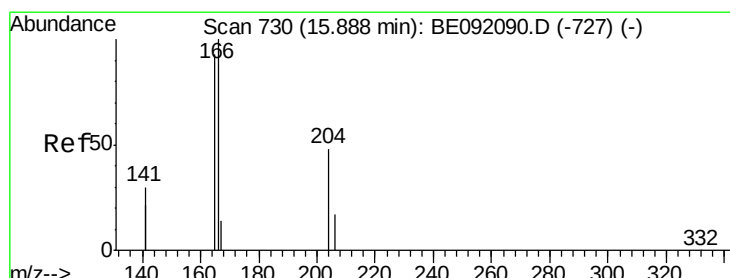
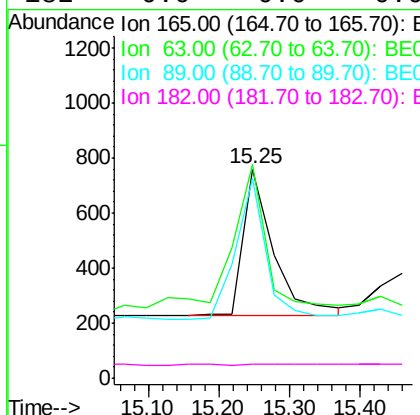
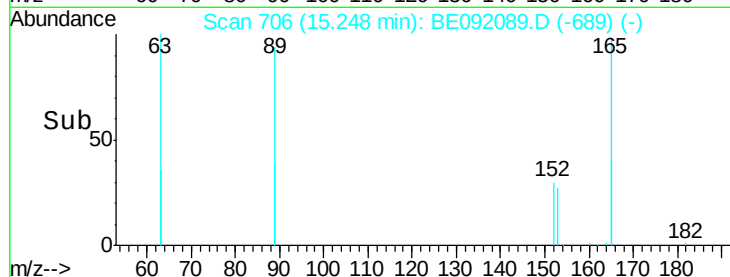
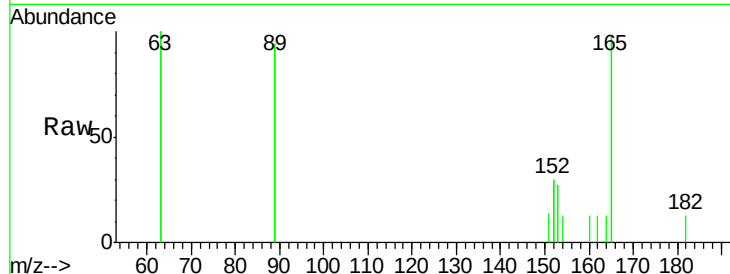
#21
2,4-Dinitrotoluene
Concen: 0.23 ng
RT: 15.25 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion	Ratio	Lower	Upper
165	100		
63	92.0	324.0	486.0#
89	98.0	308.4	462.6#
182	0.0	0.0	0.0

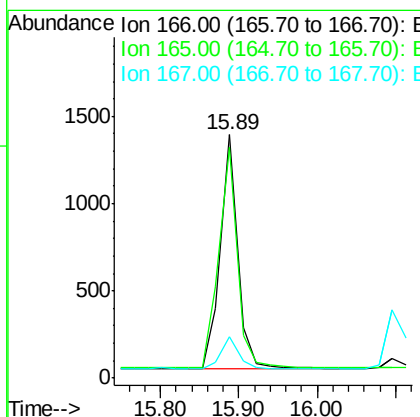
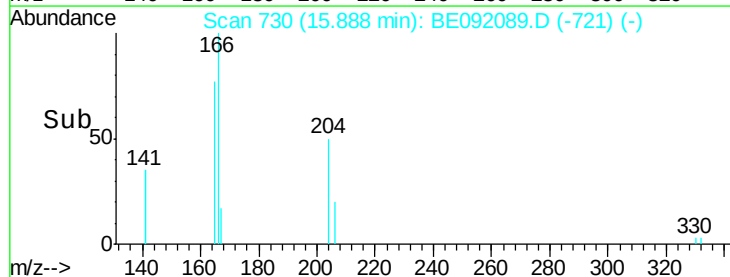
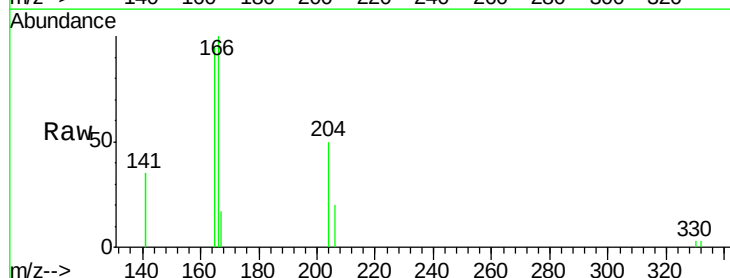
Manual Integrations
APPROVED

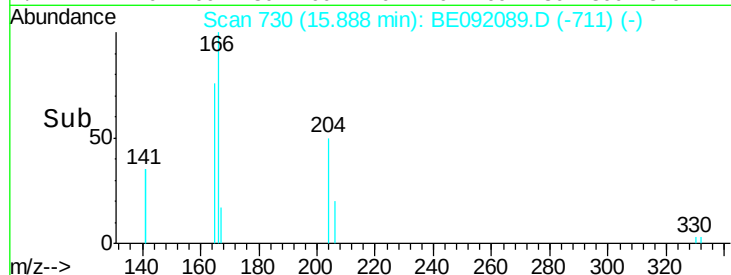
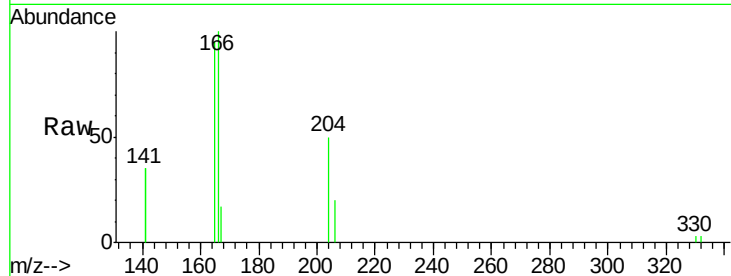
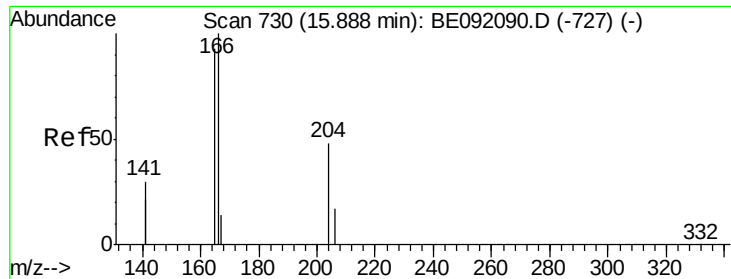
sohil
8/2/2016 5:09:38 PM



#22
Fluorene
Concen: 0.23 ng
RT: 15.89 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	118.0
167	13.8	11.1	16.7





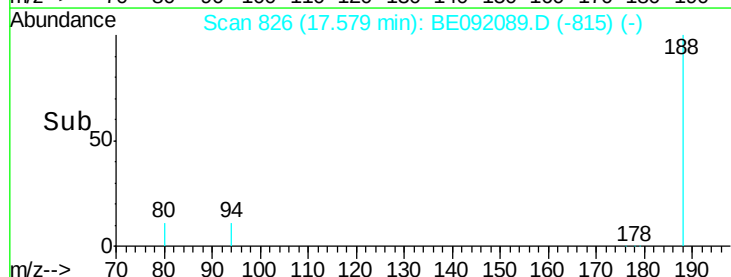
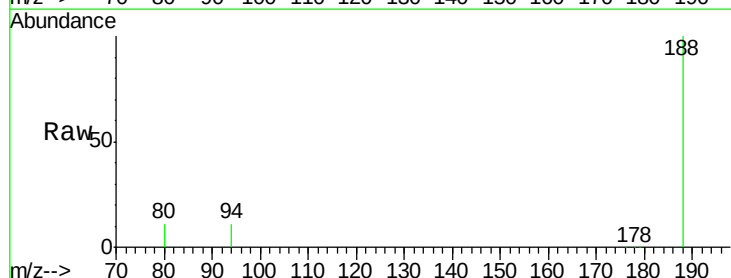
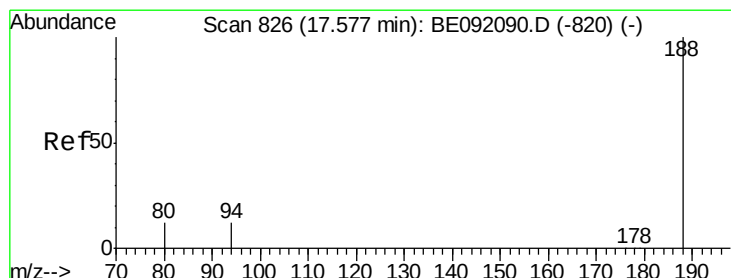
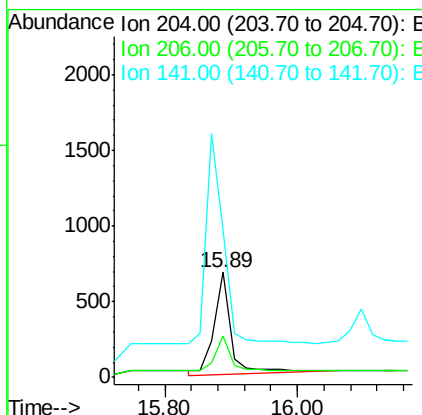
#23
4-Chlorophenyl-phenylether
Concen: 0.27 ng
RT: 15.89 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tot Ion:204 Resp: 1210
Ion Ratio Lower Upper
204 100
206 43.0 27.0 40.4#
141 320.9 198.5 297.7#

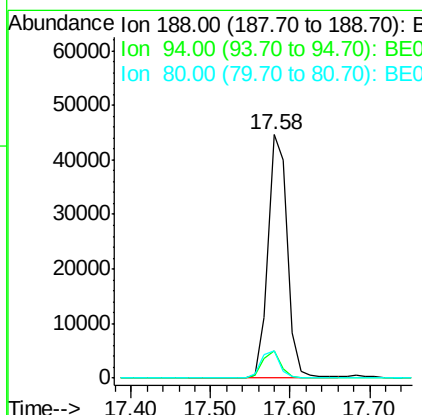
Manual Integrations
APPROVED

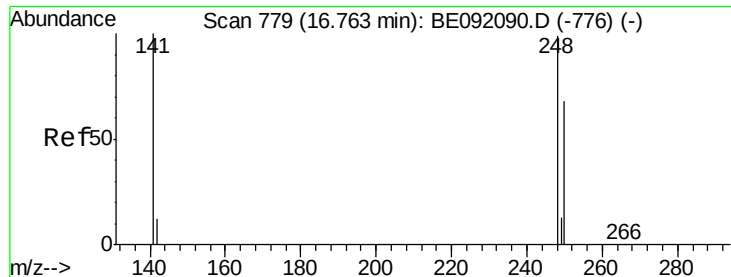
sohil
8/2/2016 5:09:38 PM



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion:188 Resp: 93154
Ion Ratio Lower Upper
188 100
94 11.2 3.9 5.9#
80 11.3 3.4 5.0#





#25

4-Bromophenyl-phenylether

Concen: 0.16 ng

RT: 16.76 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampled :

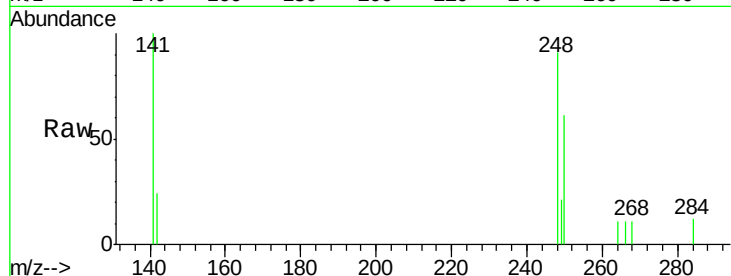
SSTDIC0.2

Tot Ion:	248	Resp:	623
Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.6	119.4
141	86.0	68.7	103.1

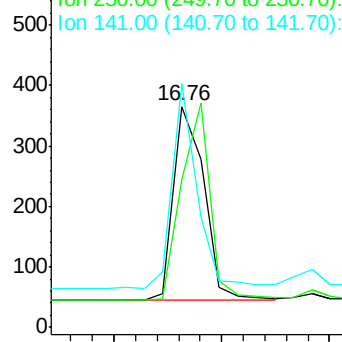
Manual Integrations
APPROVED

sohil

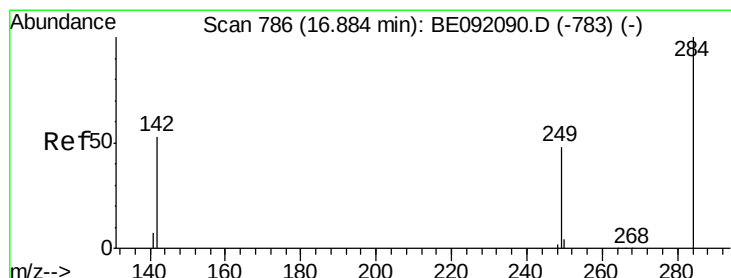
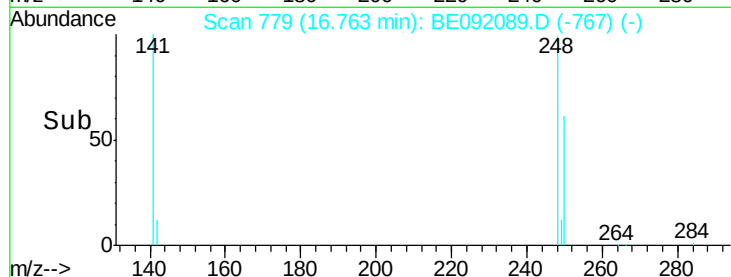
8/2/2016 5:09:38 PM



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->



#26

Hexachlorobenzene

Concen: 0.16 ng

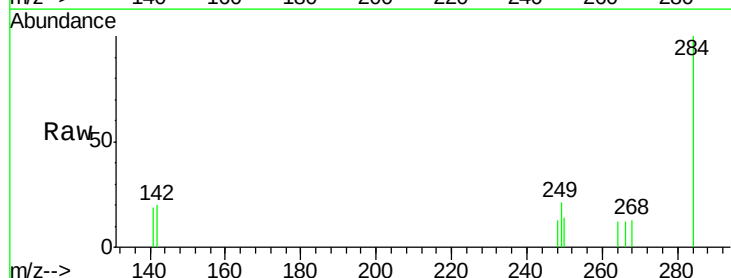
RT: 16.90 min Scan# 787

Delta R.T. 0.02 min

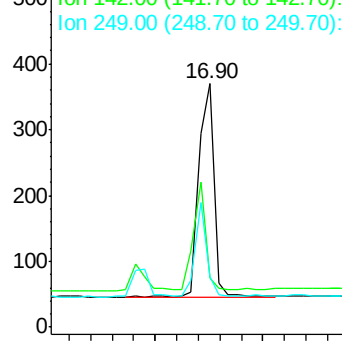
Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

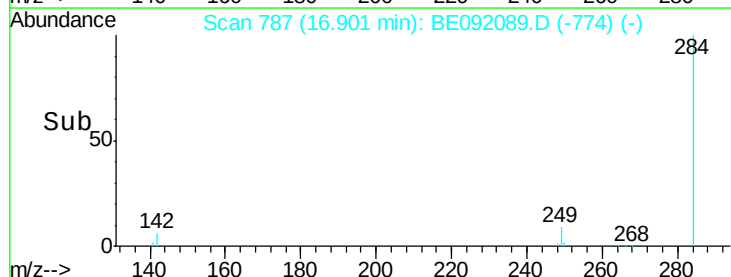
Tgt Ion:	284	Resp:	638
Ion	Ratio	Lower	Upper
284	100		
142	39.5	33.3	49.9
249	32.3	25.4	38.0

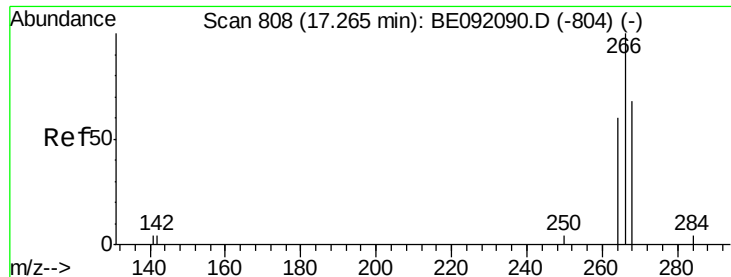


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#27

Pentachlorophenol

Concen: 0.09 ng

RT: 17.26 min Scan# 808

Delta R.T. -0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

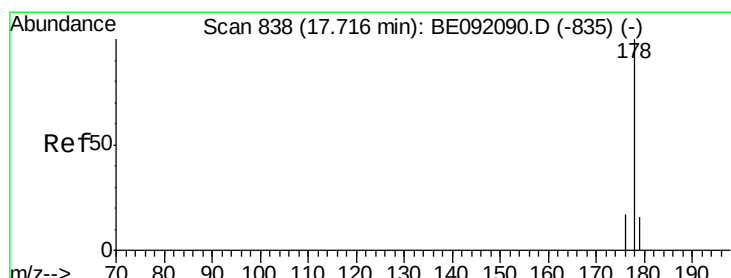
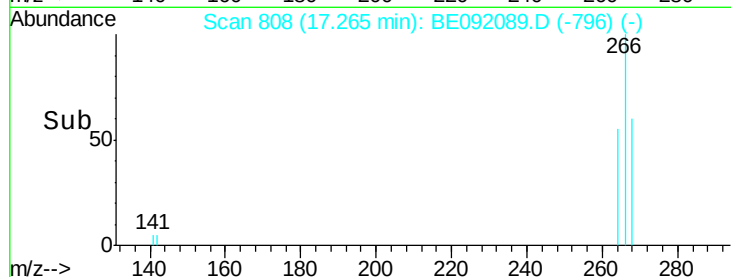
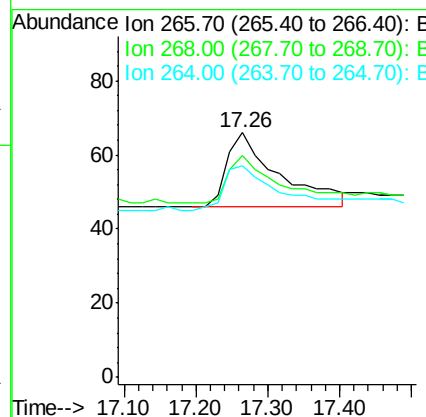
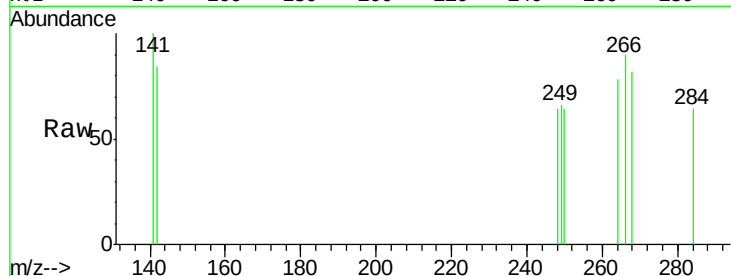
SSTDIC0.2

Tot Ion:266	Resp:	101
Ion Ratio	Lower	Upper
266	100	
268	90.9	62.7 94.1
264	86.4	63.5 95.3

Manual Integrations
APPROVED

sohil

8/2/2016 5:09:38 PM



#28

Phenanthrene

Concen: 0.23 ng m

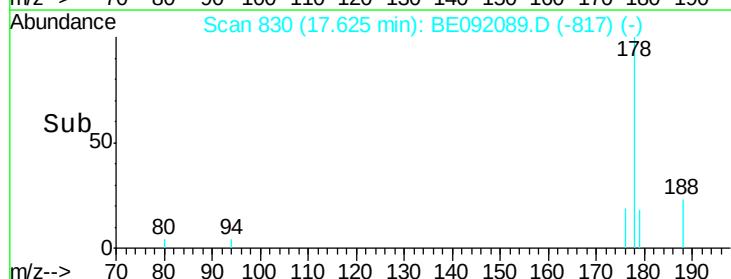
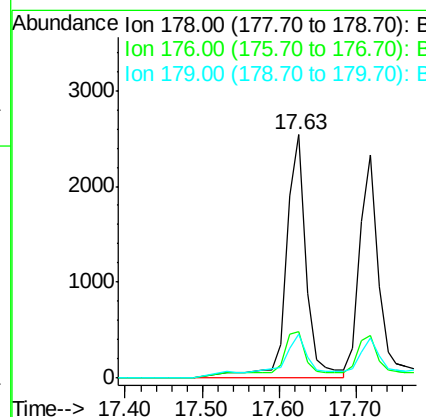
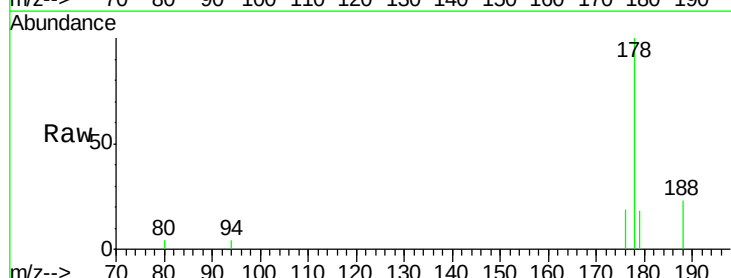
RT: 17.63 min Scan# 830

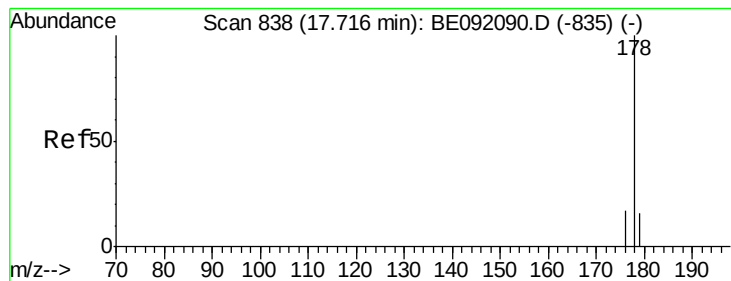
Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Tgt Ion:178	Resp:	5441
Ion Ratio	Lower	Upper
178	100	
176	13.4	15.4 23.0#
179	10.9	12.7 19.1#





#29

Anthracene

Concen: 0.17 ng

RT: 17.72 min Scan# 838

Delta R.T. 0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:178 Resp: 3745

Ion Ratio Lower Upper

178 100

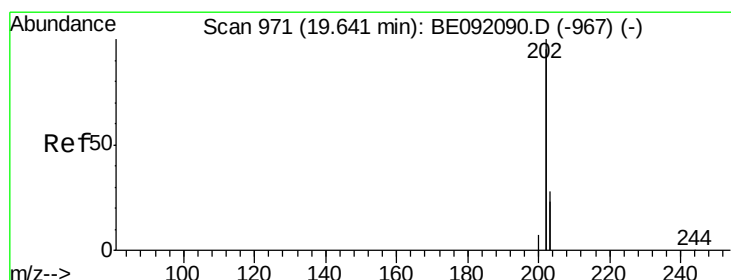
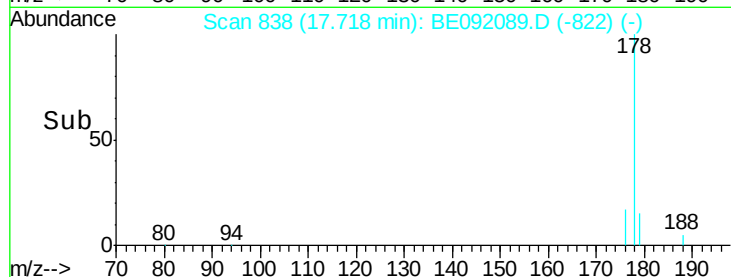
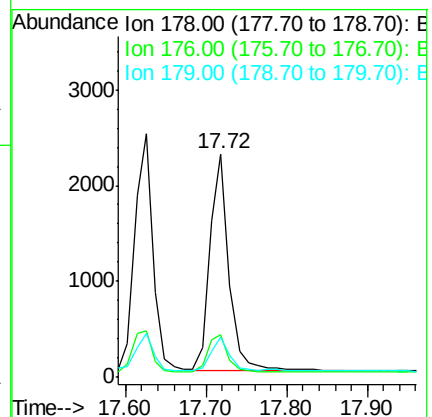
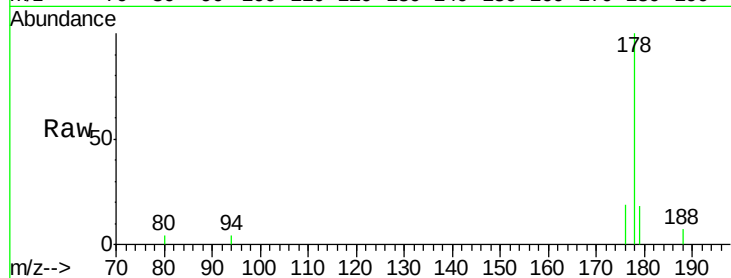
176 18.7 15.2 22.8

179 14.3 12.2 18.4

Manual Integrations
APPROVED

sohil

8/2/2016 5:09:38 PM



#30

Fluoranthene

Concen: 0.15 ng

RT: 19.64 min Scan# 970

Delta R.T. -0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

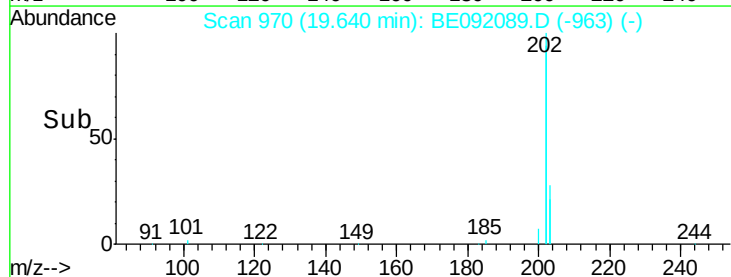
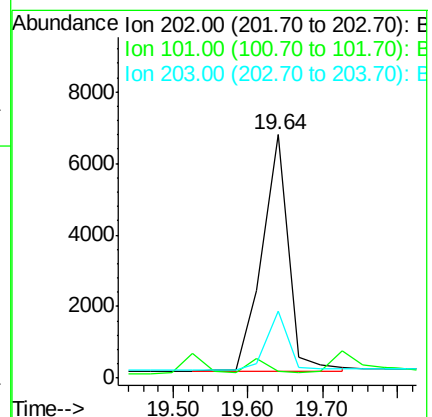
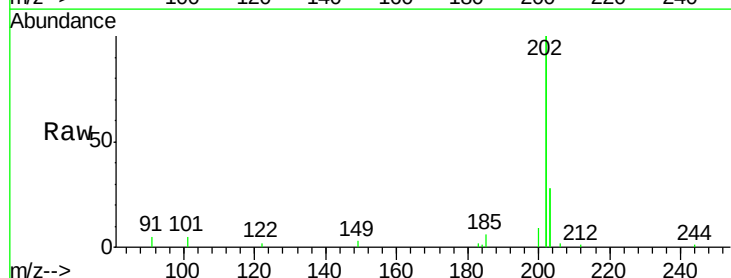
Tgt Ion:202 Resp: 16218

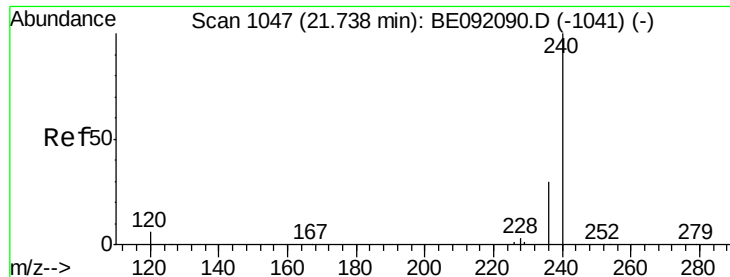
Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.2#

203 21.0 13.0 19.4#





#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

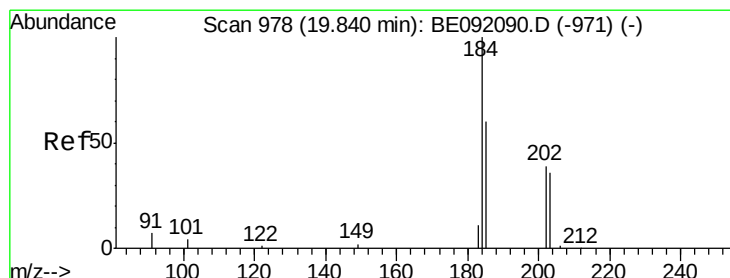
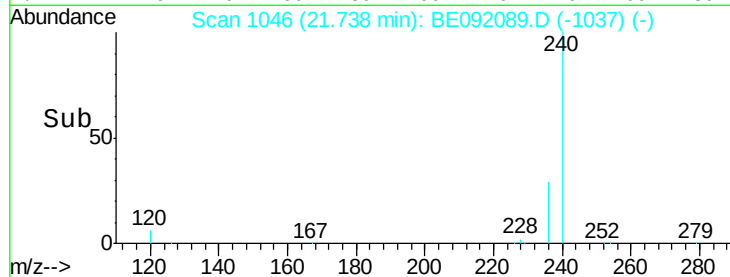
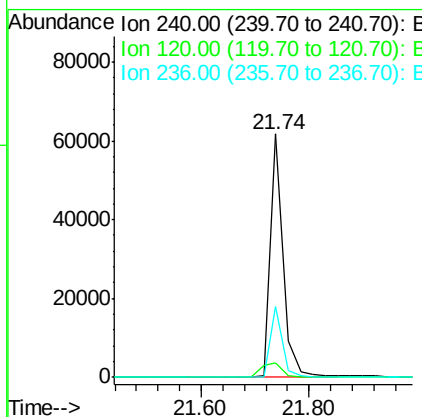
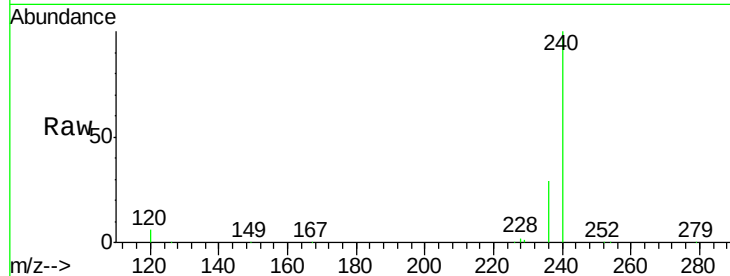
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:240 Resp: 102701
Ion Ratio Lower Upper

240 100
120 6.0 0.6 1.0#
236 29.1 18.2 27.4#

Manual Integrations
APPROVED

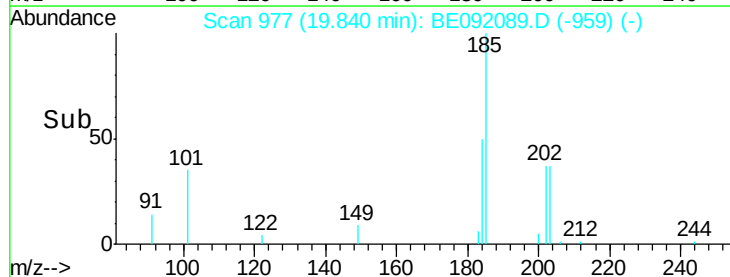
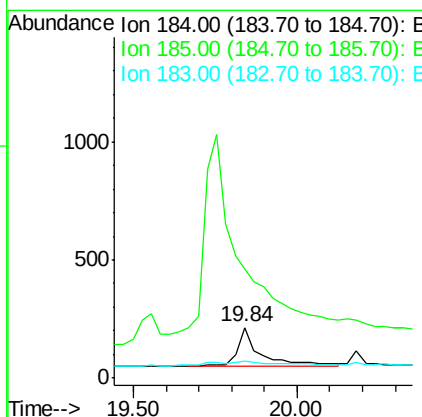
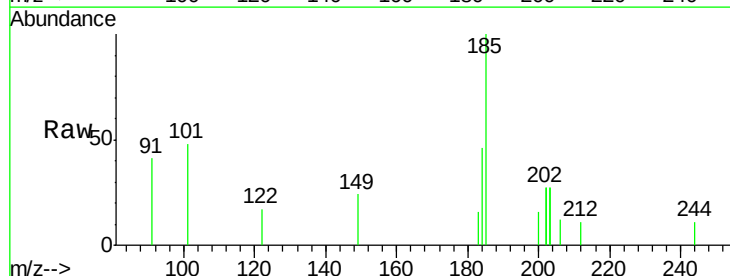
sohil
8/2/2016 5:09:38 PM

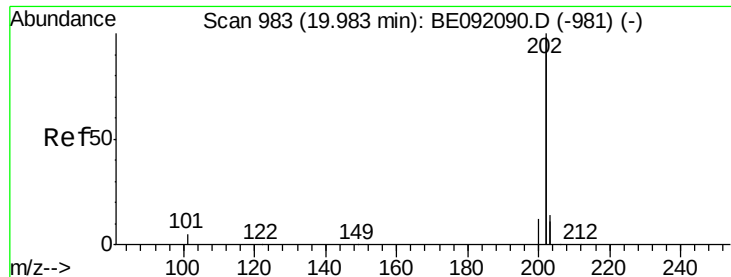


#32
Benzidine
Concen: 0.15 ng
RT: 19.84 min Scan# 977
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion:184 Resp: 780
Ion Ratio Lower Upper

184 100
185 215.8 23.8 35.6#
183 34.4 20.7 31.1#





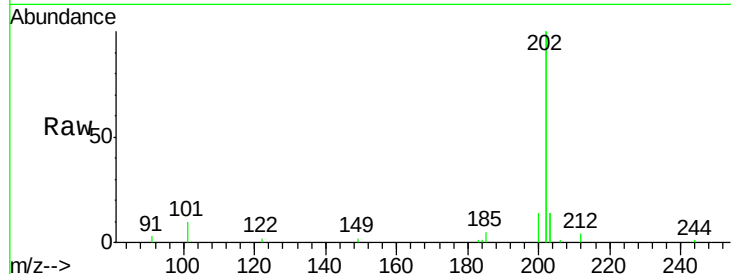
#33
Pvrene
Concen: 0.17 ng
RT: 19.98 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.9	4.4	6.6
203	14.9	13.4	20.0

Manual Integrations
APPROVED

sohil
8/2/2016 5:09:38 PM

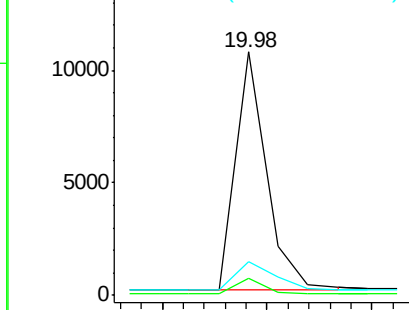


Abundance

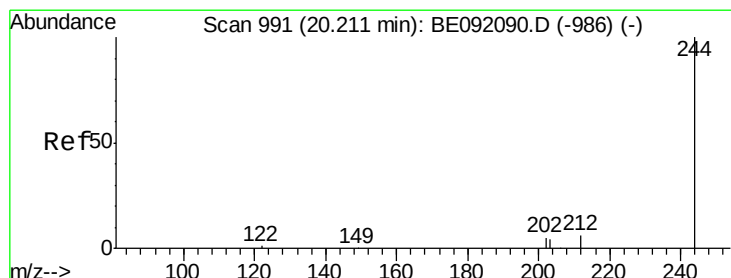
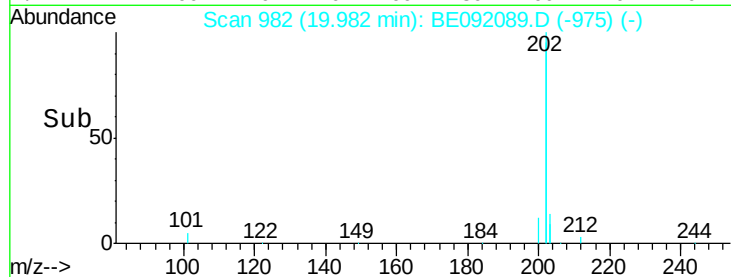
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#34
Terphenyl-d14
Concen: 0.26 ng
RT: 20.21 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

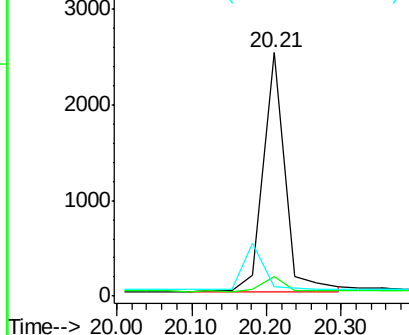
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	9.1	13.7#
122	3.7	11.0	16.4#

Abundance

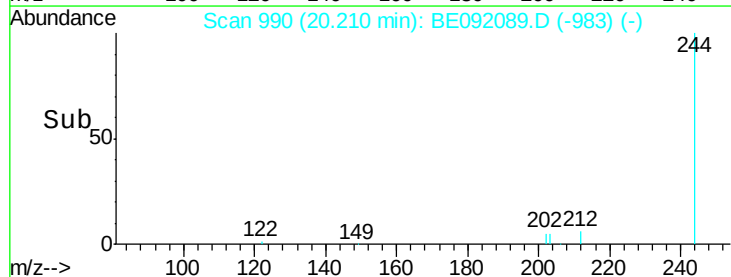
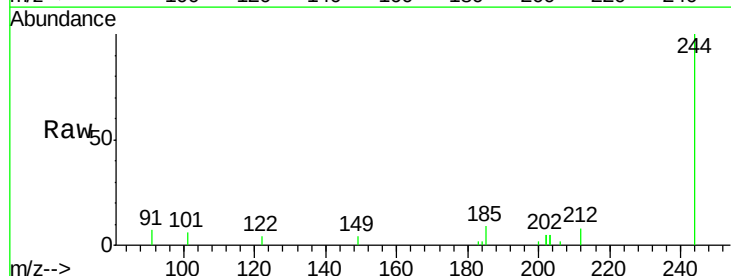
Ion 244.00 (243.70 to 244.70): E

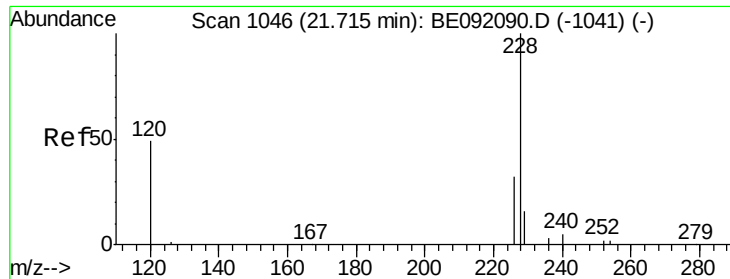
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





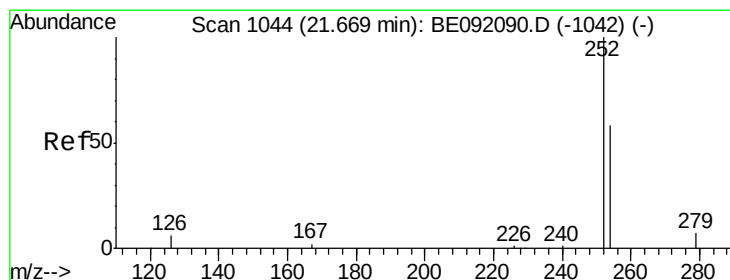
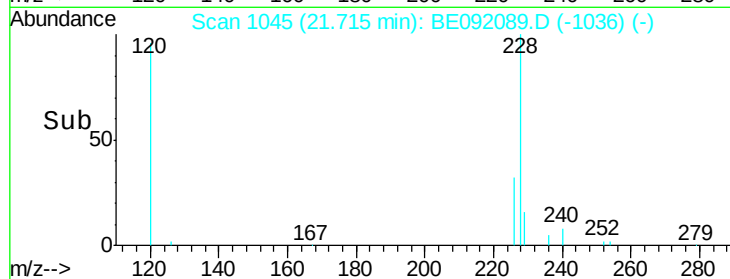
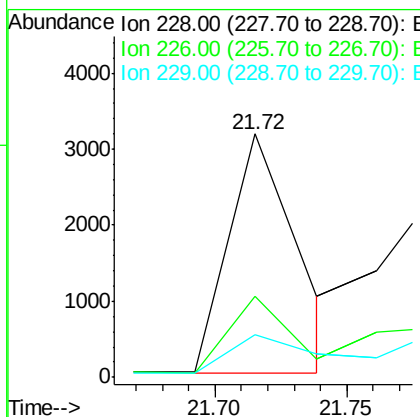
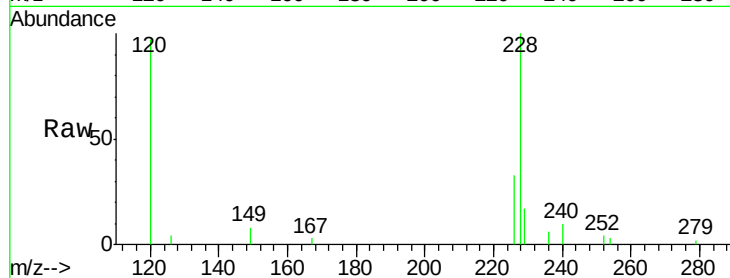
#35
Benzo(a)anthracene
Concen: 0.12 ng m
RT: 21.72 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:	228	Resp:	5721
Ion Ratio	Lower	Upper	
228	100		
226	33.1	22.1	33.1
229	17.3	15.1	22.7

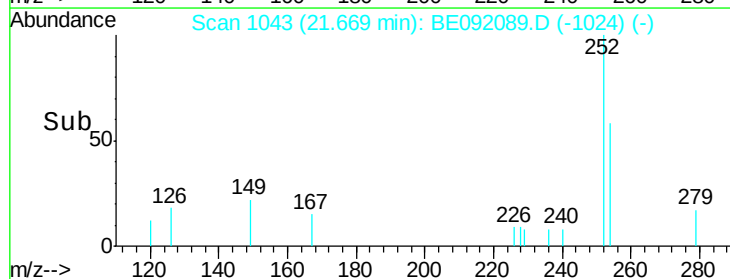
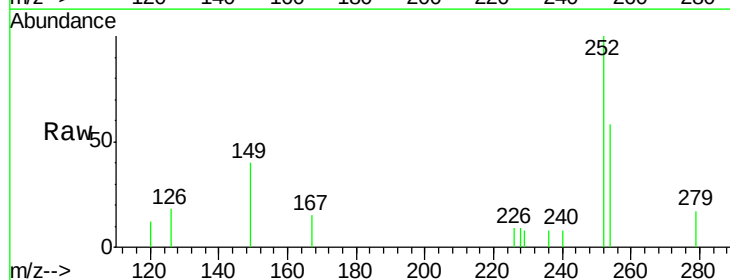
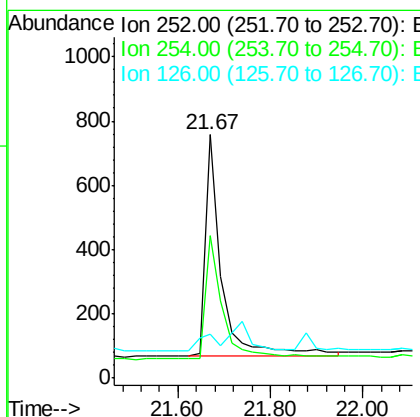
Manual Integrations
APPROVED

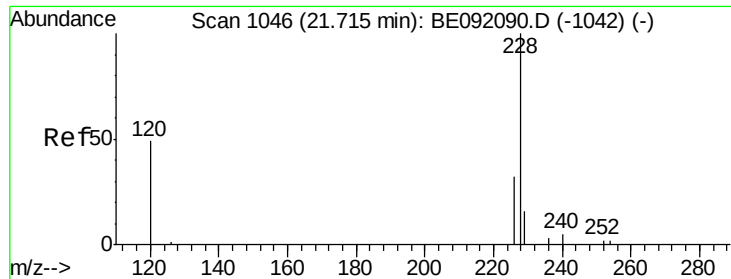
sohil
8/2/2016 5:09:38 PM



#36
3,3'-Dichlorobenzidine
Concen: 0.18 ng
RT: 21.67 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion:	252	Resp:	1668
Ion Ratio	Lower	Upper	
252	100		
254	58.3	44.2	66.2
126	18.1	10.6	15.8#





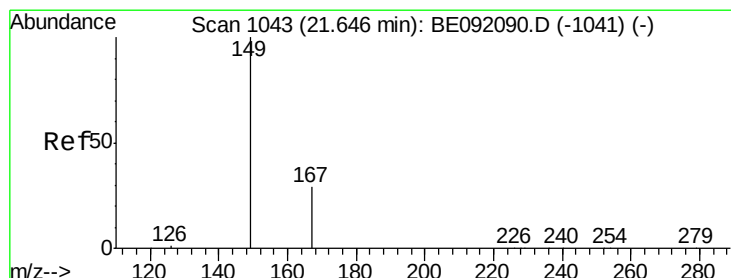
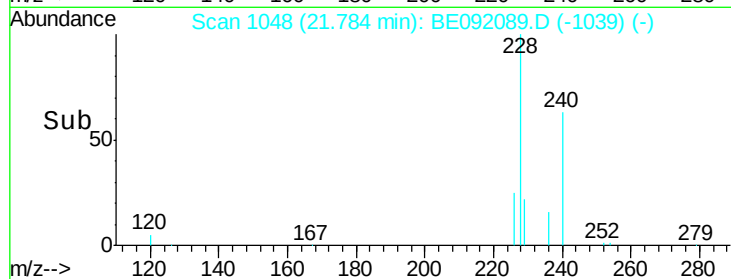
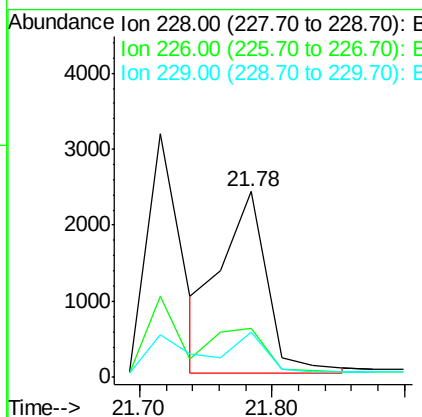
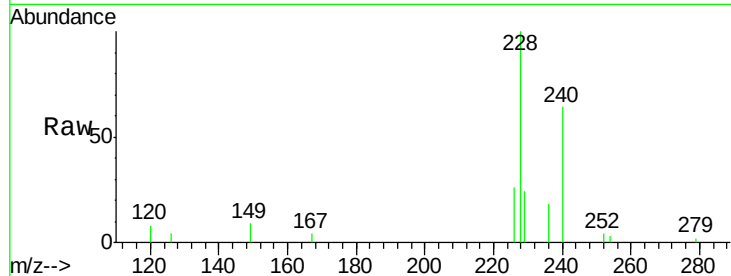
#37
Chrysene
Concen: 0.14 ng/mL
RT: 21.78 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:228	Resp:	5660
Ion Ratio	Lower	Upper
228	100	
226	26.4	22.3 33.5
229	24.2	16.9 25.3

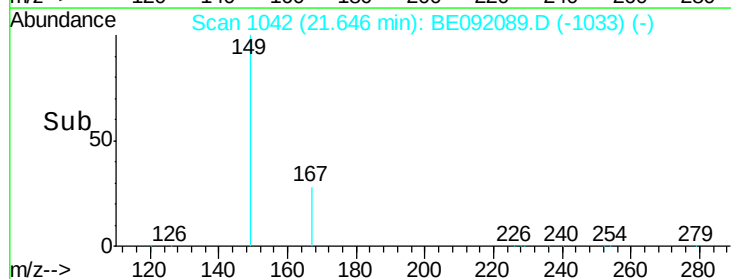
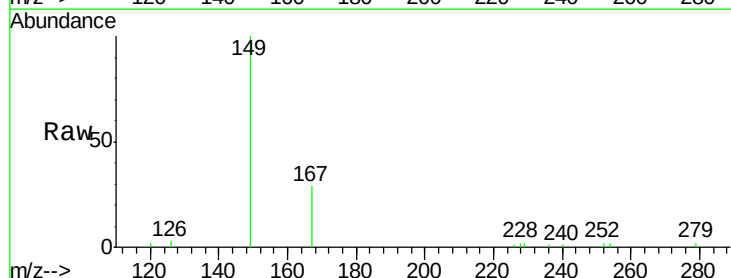
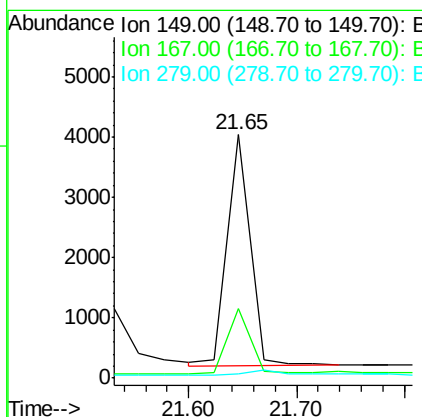
Manual Integrations
APPROVED

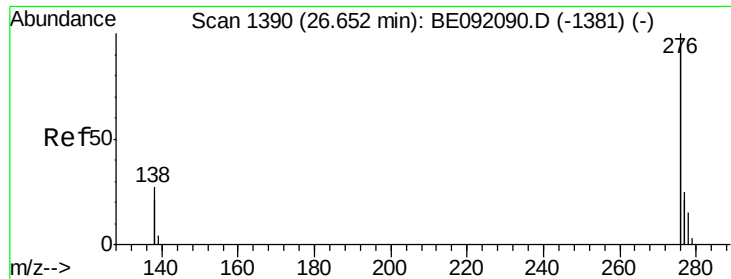
sohil
8/2/2016 5:09:38 PM



#38
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng/mL
RT: 21.65 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion:149	Resp:	5652
Ion Ratio	Lower	Upper
149	100	
167	27.6	3.8 5.6#
279	0.0	0.0 0.0





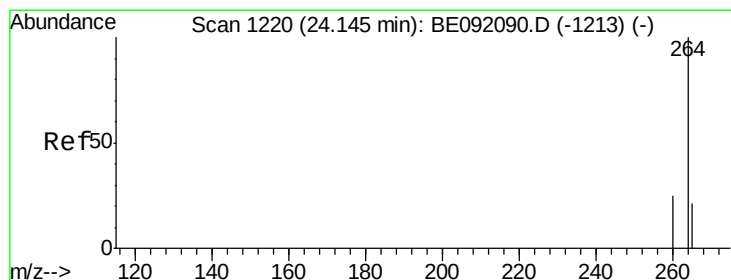
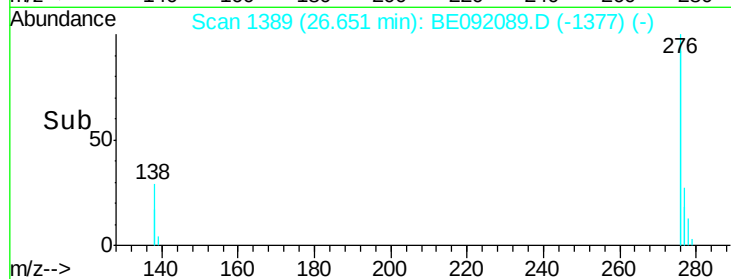
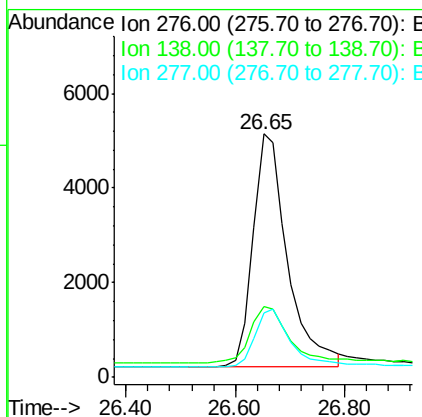
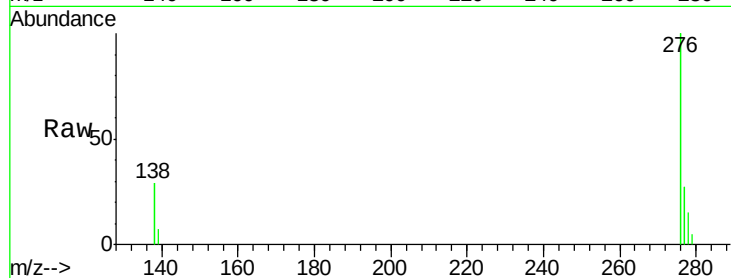
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 26.65 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	24.8	19.8	29.8

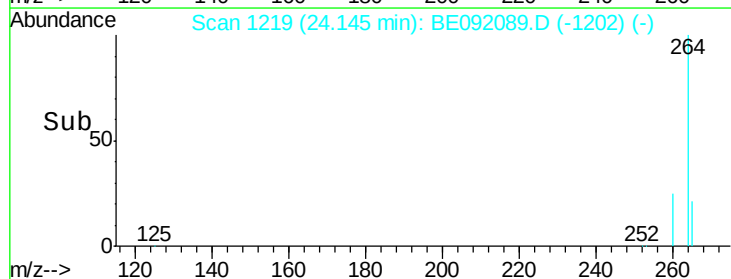
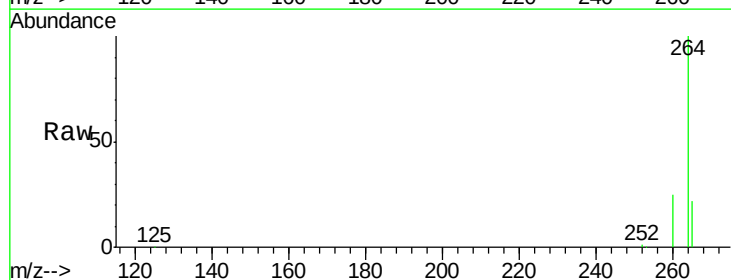
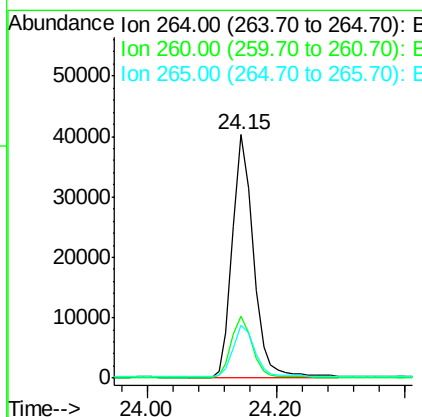
Manual Integrations
APPROVED

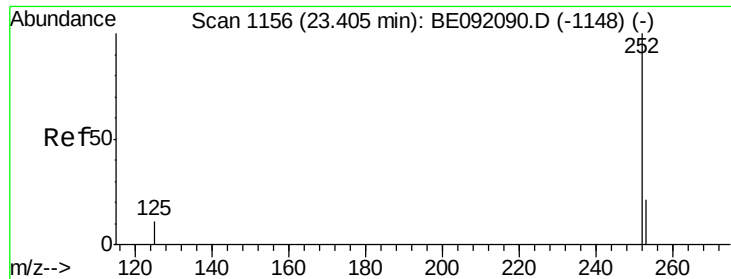
sohil
8/2/2016 5:09:38 PM



#40
Perylene-d12
Concen: 5.00 ng
RT: 24.15 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.8	31.2
265	21.8	16.6	25.0





#41

Benzo(b)fluoranthene

Concen: 0.18 ng

RT: 23.41 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

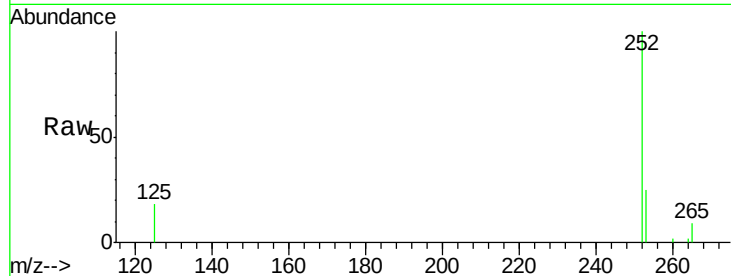
SSTDIC0.2

Tot Ion:	252	Resp:	5143
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	18.3	10.2	15.2#

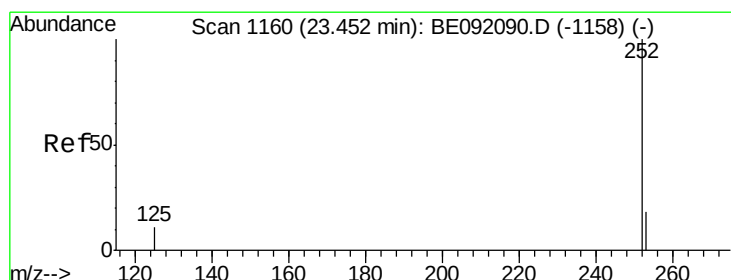
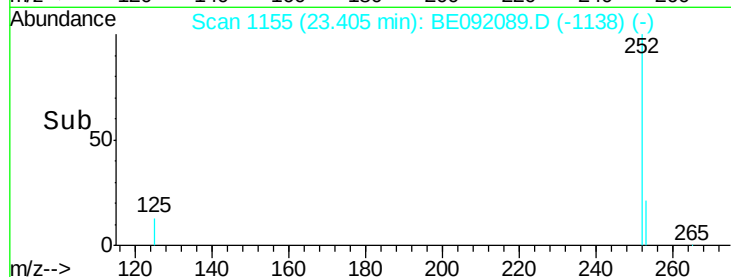
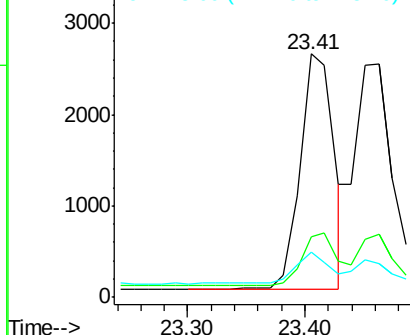
Manual Integrations
APPROVED

sohil

8/2/2016 5:09:38 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 23.46 min Scan# 1160

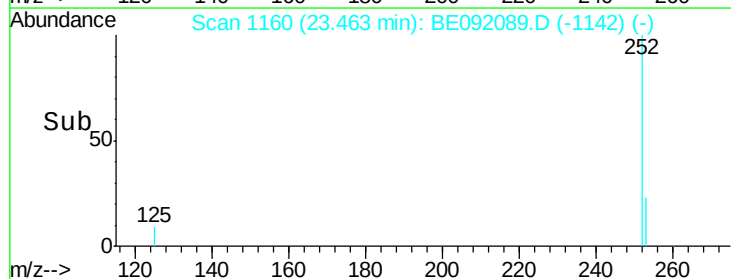
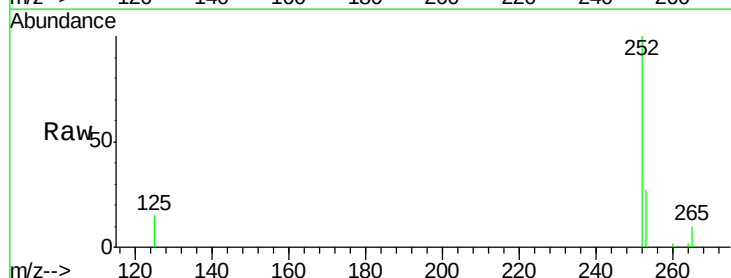
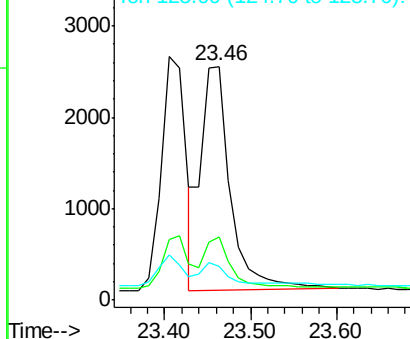
Delta R.T. 0.01 min

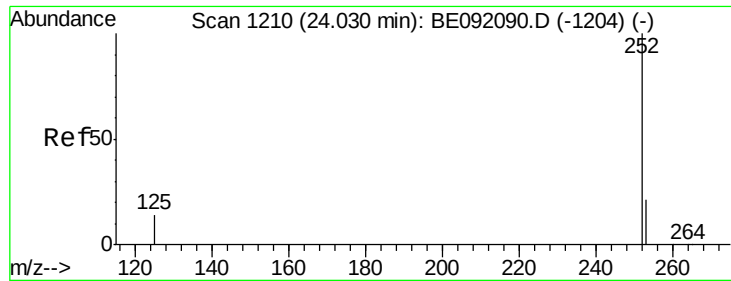
Lab File: BE092089.D

Acq: 1 Aug 2016 12:25

Tgt Ion:	252	Resp:	5826
Ion Ratio	Lower	Upper	
252	100		
253	27.0	19.4	29.0
125	14.6	8.9	13.3#

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





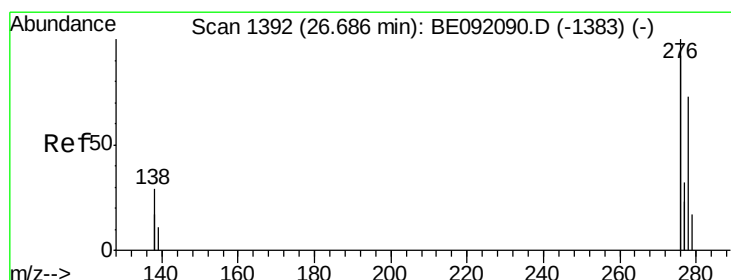
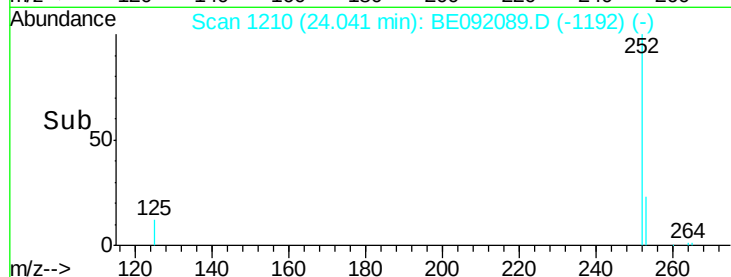
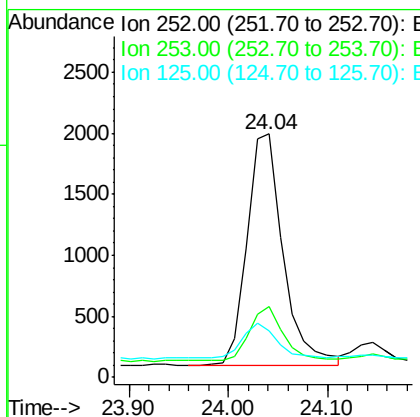
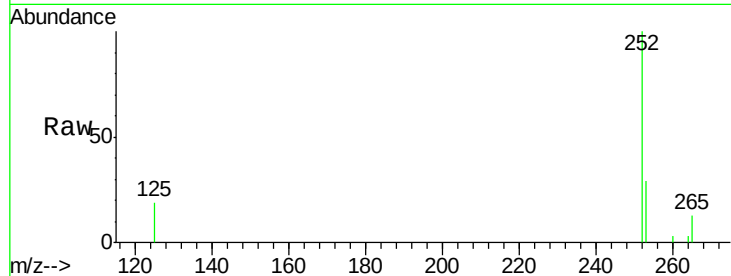
#43
Benzo(a)pyrene
Concen: 0.20 ng
RT: 24.04 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.8	29.8
125	19.3	10.4	15.6

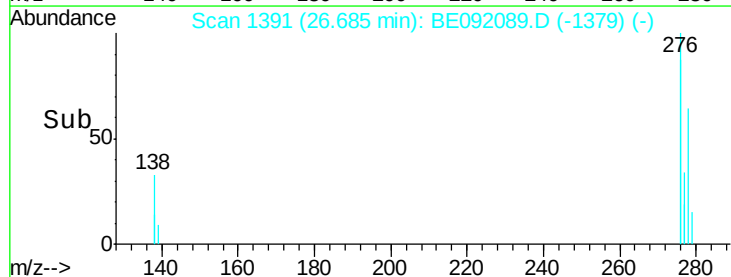
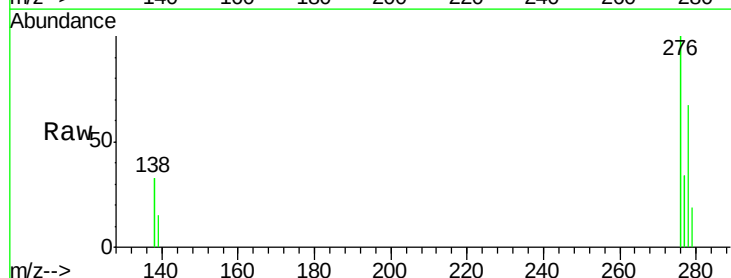
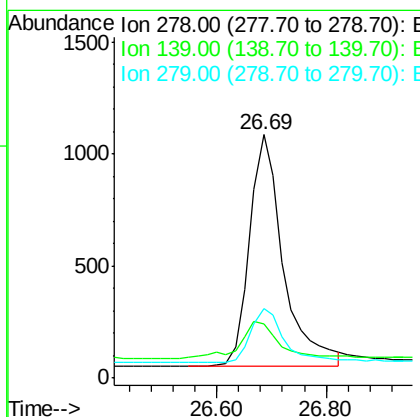
Manual Integrations
APPROVED

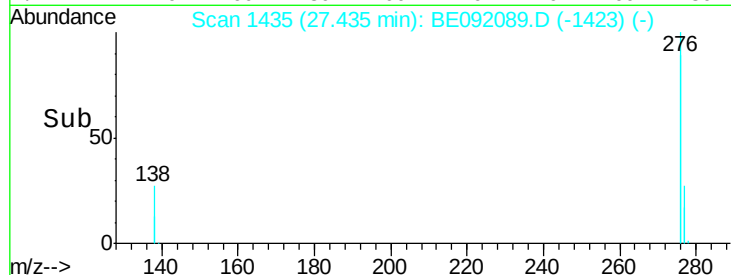
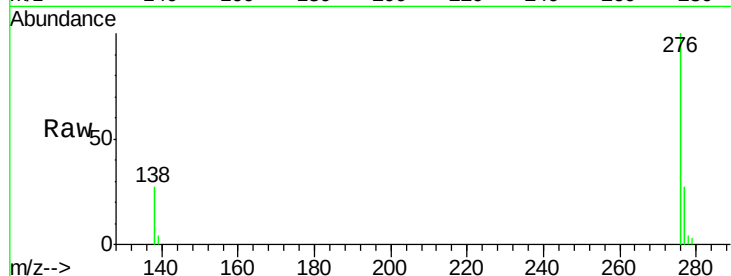
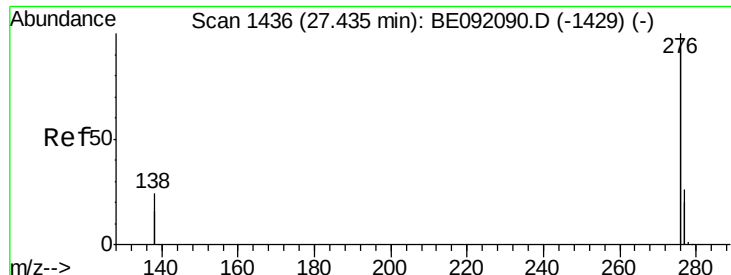
sohil
8/2/2016 5:09:38 PM



#44
Dibenzo(a,h)anthracene
Concen: 0.22 ng
RT: 26.69 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE092089.D
Acq: 1 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.7	25.1
279	28.7	20.3	30.5





#45
 Benzo(a,h,i)perylene
 Concen: 0.22 ng
 RT: 27.43 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE092089.D
 Acq: 1 Aug 2016 12:25

Tot Ion:	276	Resp:	18842
Ion Ratio	Lower	Upper	
276	100		
277	27.4	19.5	29.3
138	26.6	20.8	31.2

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Manual Integrations
 APPROVED

sohil
 8/2/2016 5:09:38 PM

