

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\
 Data File : BE091735.D
 Acq On : 29 Apr 2016 16:02
 Operator : UM/SJ
 Sample : PB90187BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BSD

Manual Integrations
 APPROVED

sohil
 4/30/2016 11:26:40 AM

Quant Time: Apr 29 23:37:13 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 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	34162	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	160284	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	94968	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	224235	5.00	ng	0.00
26) Chrysene-d12	21.31	240	248164	5.00	ng	0.00
35) Perylene-d12	23.75	264	249329	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	47092	5.61	ng	0.00
5) Phenol-d6	6.95	99	68442	6.15	ng	0.00
8) Nitrobenzene-d5	8.95	82	31943	3.09	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	22074	6.28	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	93575	3.48	ng	0.00
29) Terphenyl-d14	19.76	244	144968	3.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	12594	3.13	ng	94
3) n-Nitrosodimethylamine	3.63	42	20356	3.28	ng	# 85
6) bis(2-Chloroethyl)ether	7.21	93	32073	3.28	ng	# 75
9) Nitrobenzene	8.99	77	35490	3.28	ng	94
10) Naphthalene	10.61	128	108779	3.36	ng	97
11) Hexachlorobutadiene	10.90	225	16892	3.53	ng	97
12) 2-Methylnaphthalene	12.23	142	77983	3.75	ng	98
16) Acenaphthylene	14.12	152	138638	3.80	ng	# 86
17) Acenaphthene	14.47	154	91096	3.85	ng	98
18) Fluorene	15.44	166	110551	3.75	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	31745	3.94	ng	95
21) Hexachlorobenzene	16.45	284	32348m	4.01	ng	
22) Pentachlorophenol	16.79	266	34214	7.85	ng	89
23) Phenanthrene	17.18	178	203835	4.00	ng	99
24) Anthracene	17.27	178	190653	4.15	ng	98
25) Fluoranthene	19.19	202	232544	4.37	ng	# 96
27) Benzidine	19.38	184	29846	1.63	ng	# 76
28) Pyrene	19.55	202	259011	4.62	ng	99
30) Benzo(a)anthracene	21.29	228	245917	4.06	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	28746	0.93	ng	# 83
32) Chrysene	21.34	228	267877m	4.25	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	99477	5.42	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.29	276	253966	4.53	ng	97
36) Benzo(b)fluoranthene	22.99	252	234733	4.02	ng	97
37) Benzo(k)fluoranthene	23.04	252	259485m	4.37	ng	
38) Benzo(a)pyrene	23.63	252	223601	4.06	ng	# 97
39) Dibenzo(a,h)anthracene	26.32	278	214177	4.11	ng	96
40) Benzo(g,h,i)perylene	27.09	276	214797	4.05	ng	94

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

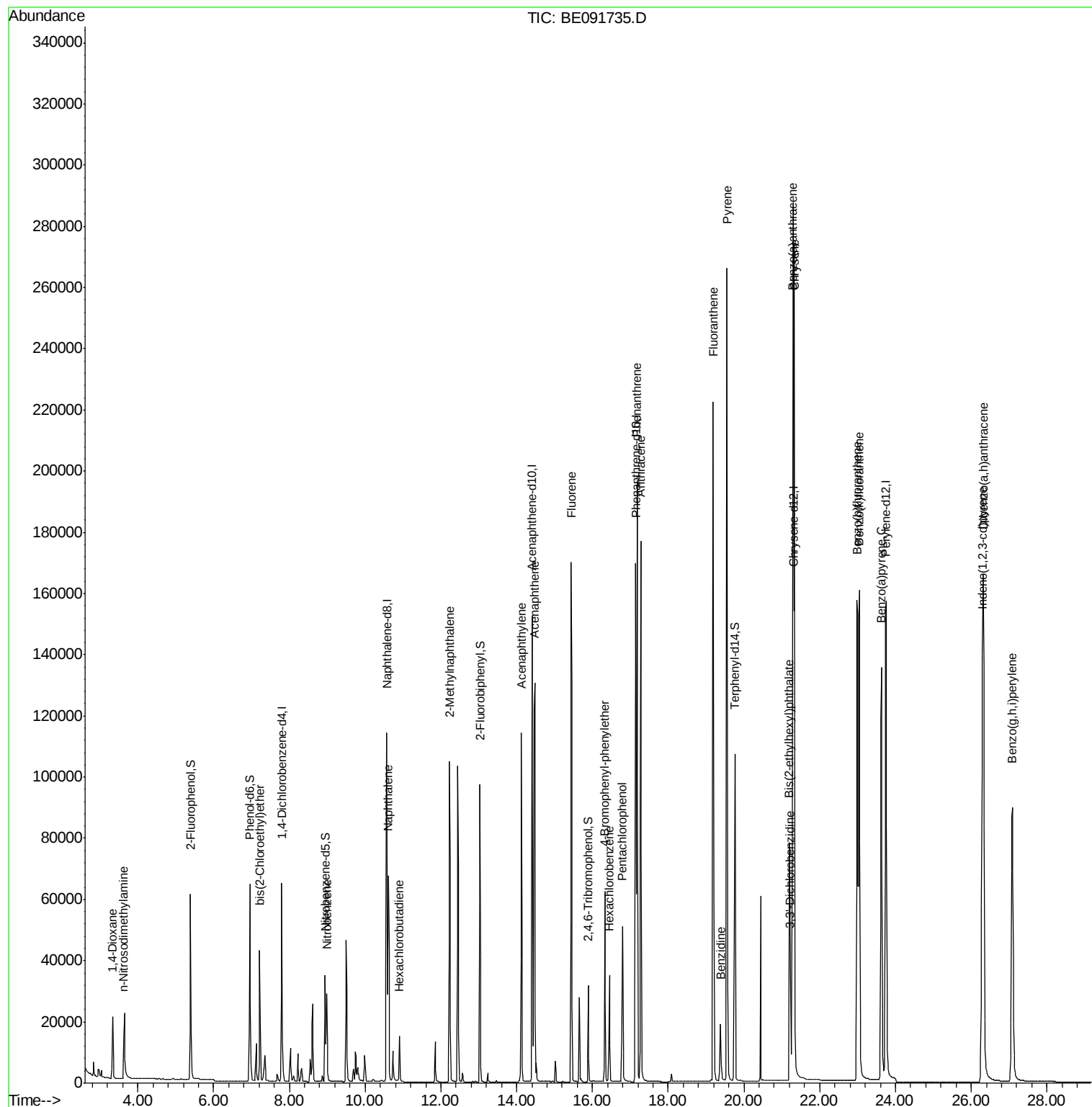
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\
Data File : BE091735.D
Acq On : 29 Apr 2016 16:02
Operator : UM/SJ
Sample : PB90187BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM

Quant Time: Apr 29 23:37:13 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 16:09:46 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: BE091735.D

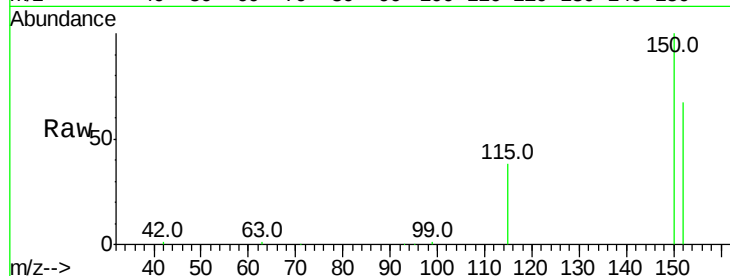
Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB90187BSD



Tot Ion:152 Resp: 34162

Ion Ratio Lower Upper

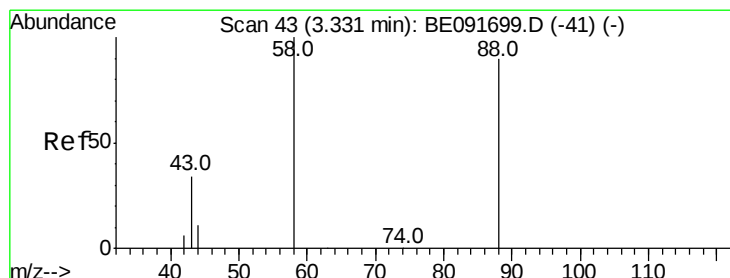
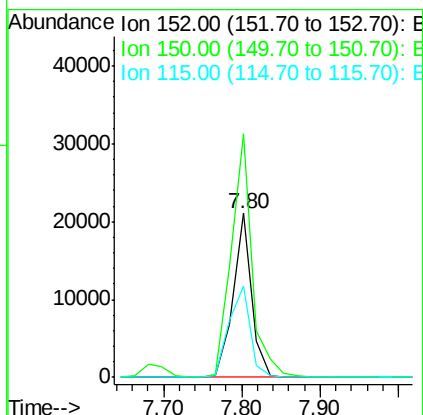
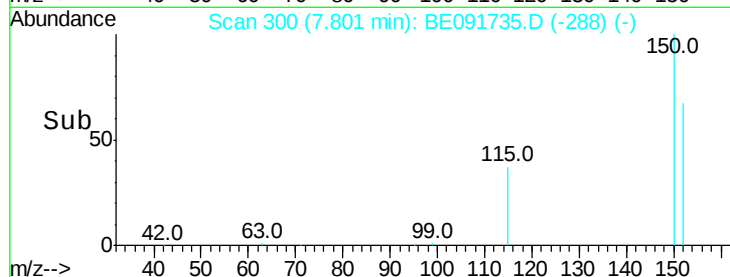
152 100

150 148.3 122.6 183.8

115 55.7 52.8 79.2

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#2

1,4-Dioxane

Concen: 3.13 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

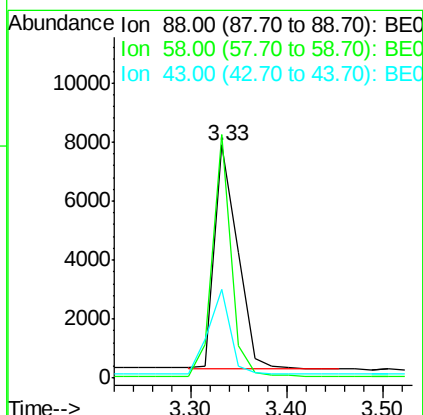
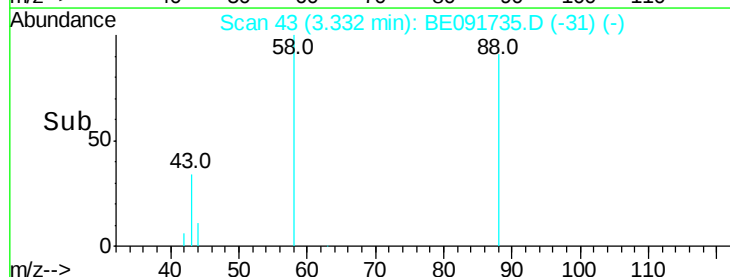
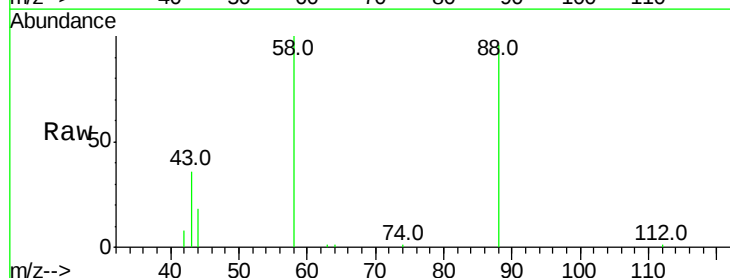
Tgt Ion: 88 Resp: 12594

Ion Ratio Lower Upper

88 100

58 87.0 65.8 98.6

43 36.1 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 3.28 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

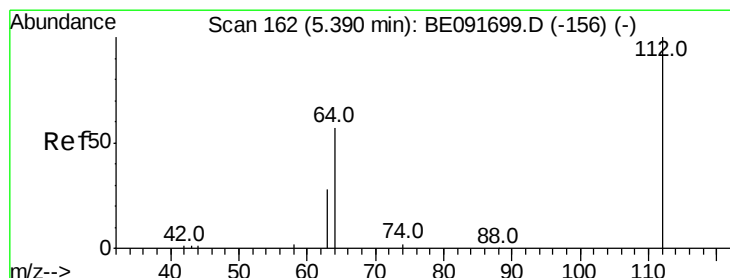
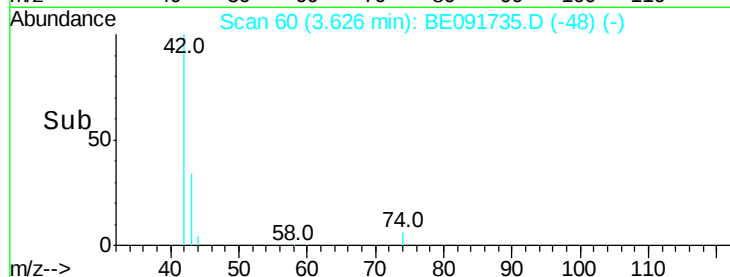
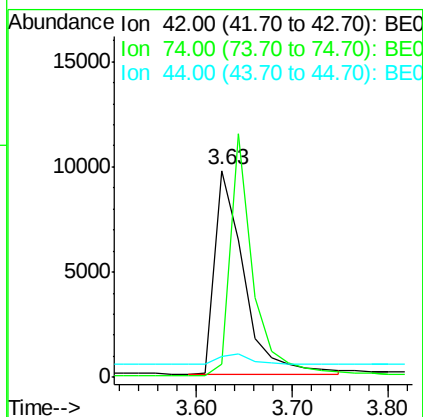
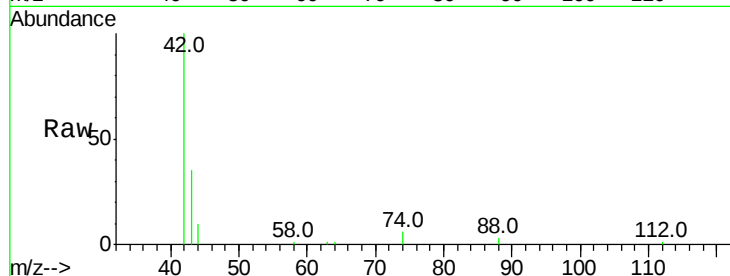
ClientSampleId :

PB90187BSD

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM

Tot Ion	Ratio	Lower	Upper
42	100		
74	94.0	87.9	131.9
44	5.7	6.6	9.8#



#4

2-Fluorophenol

Concen: 5.61 ng

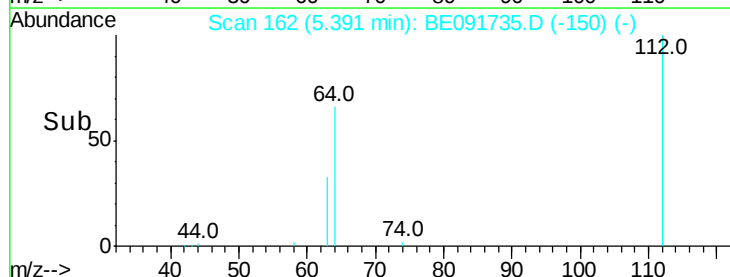
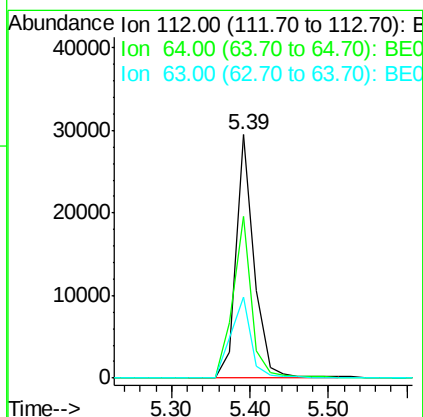
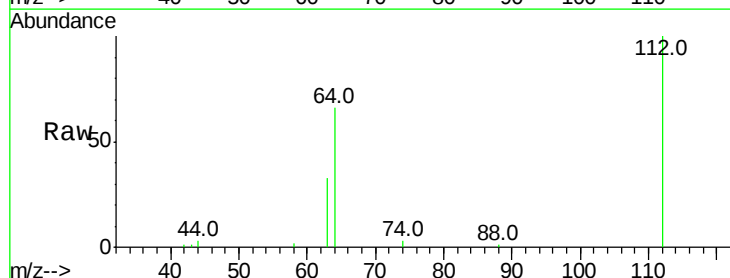
RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	30.9	46.3#
63	36.7	16.7	25.1#





#5

Phenol-d6

Concen: 6.15 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

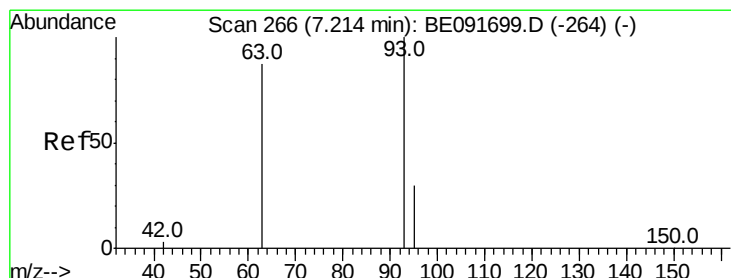
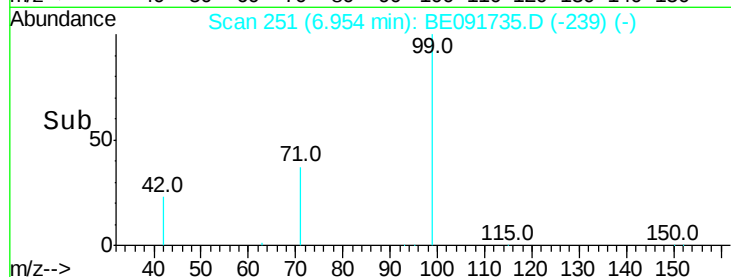
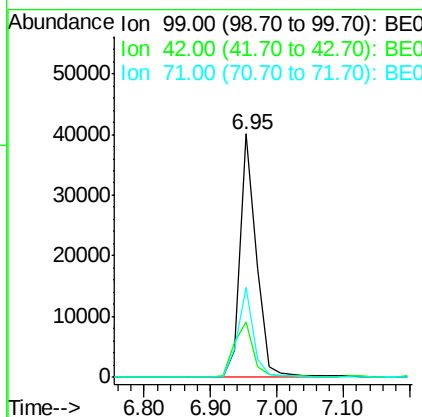
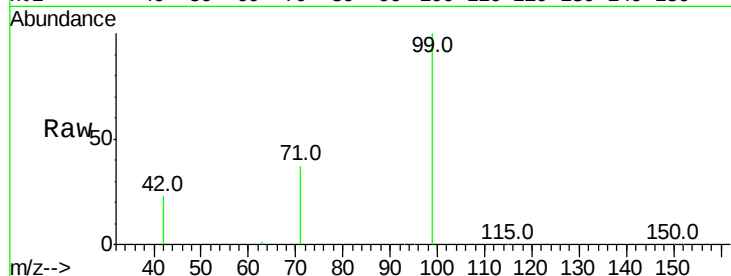
ClientSampleId :

PB90187BSD

Tot Ion:	99	Resp:	68442
Ion Ratio	Lower	Upper	
99	100		
42	25.8	16.2	24.2#
71	35.4	29.0	43.4

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#6

bis(2-Chloroethyl)ether

Concen: 3.28 ng

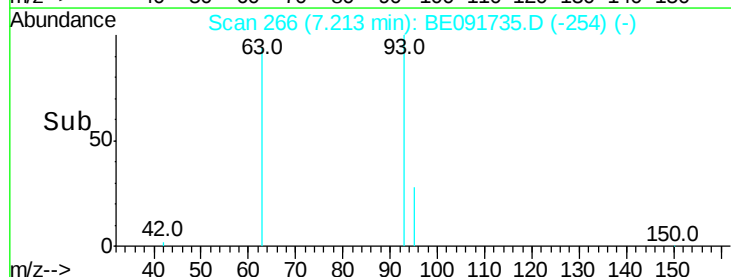
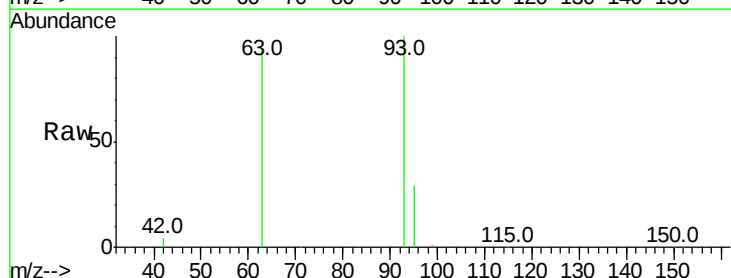
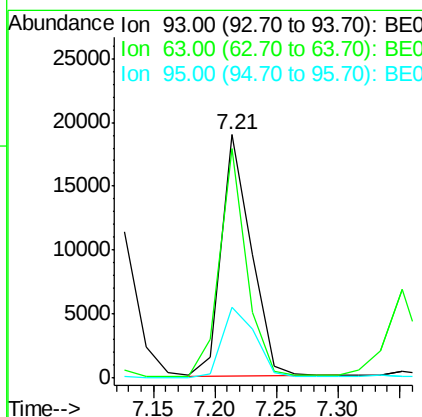
RT: 7.21 min Scan# 266

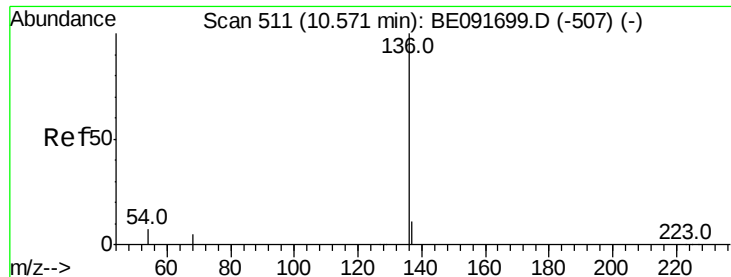
Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion:	93	Resp:	32073
Ion Ratio	Lower	Upper	
93	100		
63	86.1	49.5	74.3#
95	32.6	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: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

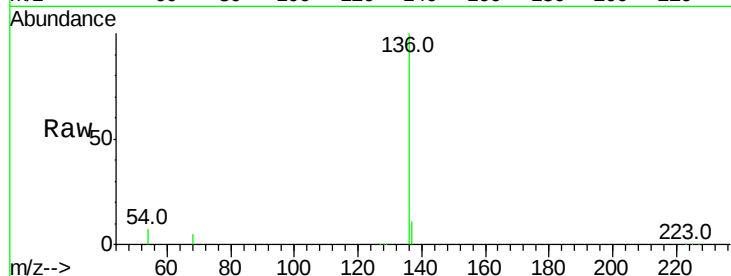
ClientSampleId :

PB90187BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	8.2	12.4
68	5.0	6.2	9.4

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM

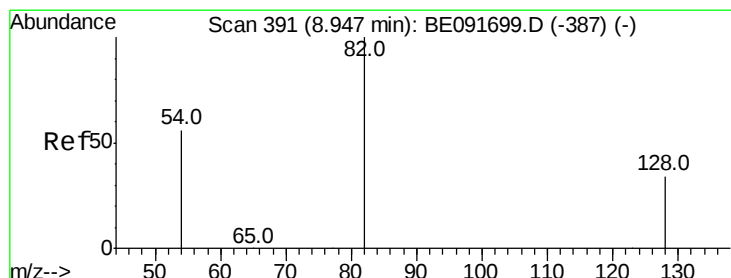
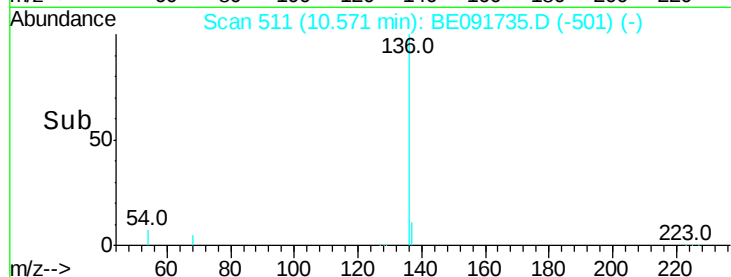
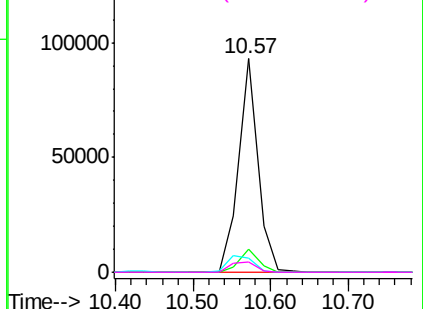


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.09 ng

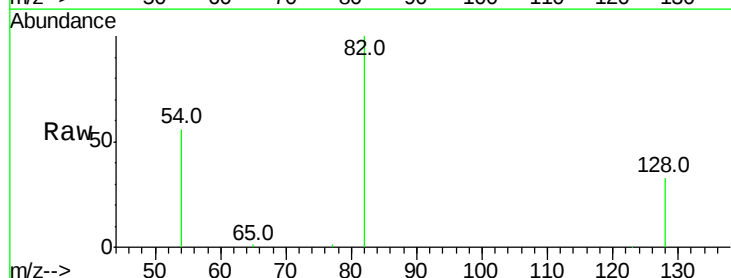
RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

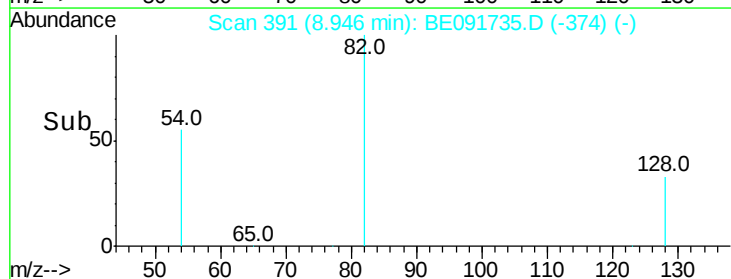
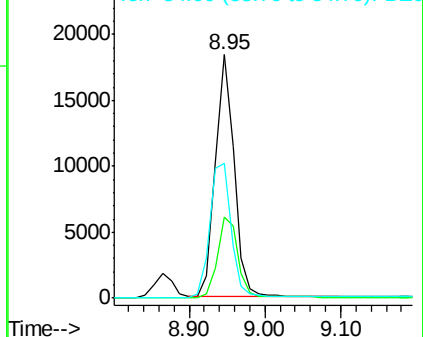
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.5	25.4	38.0
54	55.6	48.4	72.6

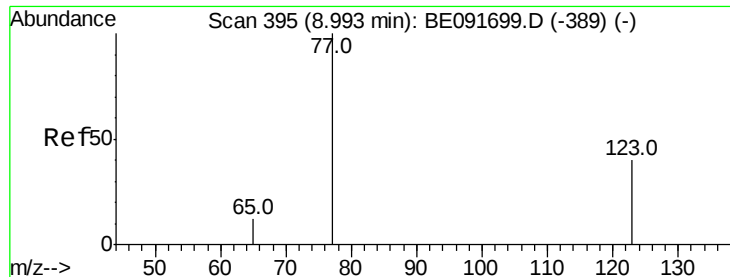


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.28 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

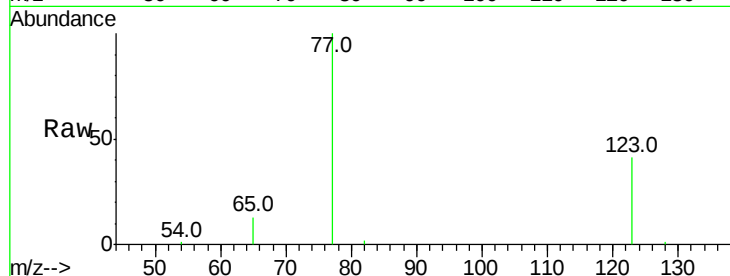
ClientSampleId :

PB90187BSD

Tot Ion:	77	Resp:	35490
Ion	Ratio	Lower	Upper
77	100		
123	37.2	26.9	40.3
65	13.8	9.4	14.2

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM

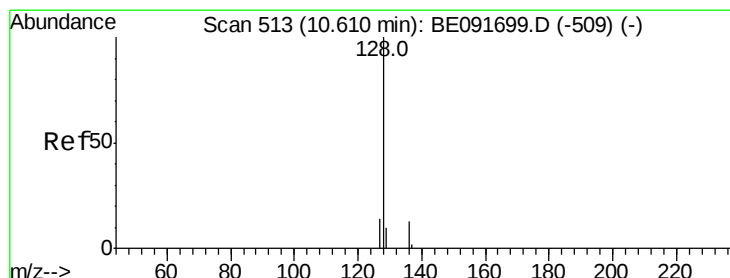
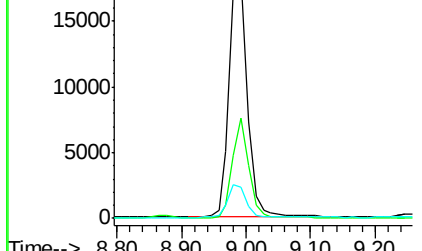
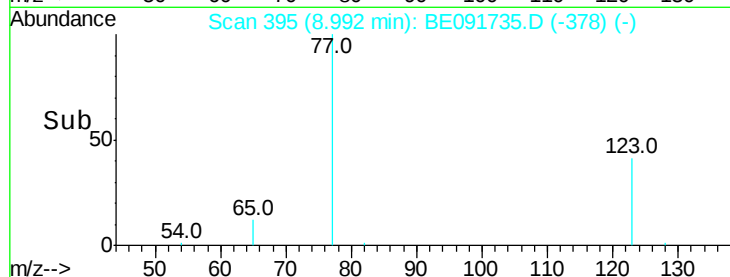


Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)

Time--> 8.80 8.90 9.00 9.10 9.20



#10

Naphthalene

Concen: 3.36 ng

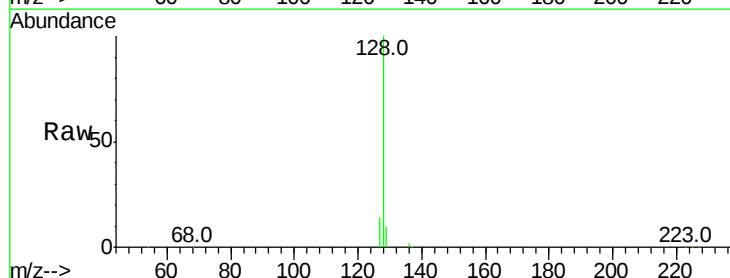
RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion:	128	Resp:	108779
Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.3	13.9
127	14.3	10.7	16.1

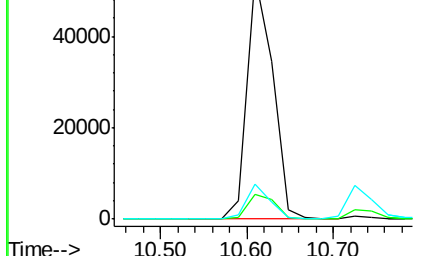
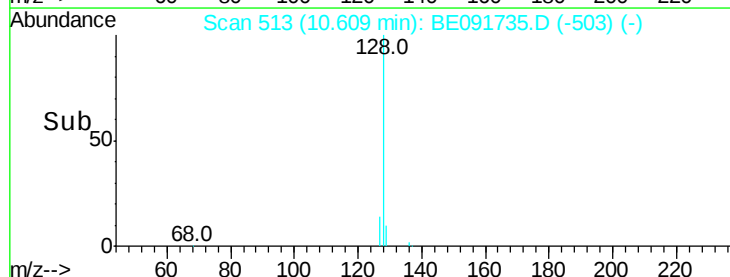


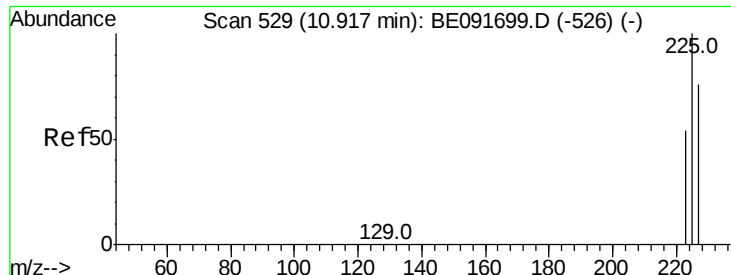
Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

Time--> 10.50 10.60 10.70





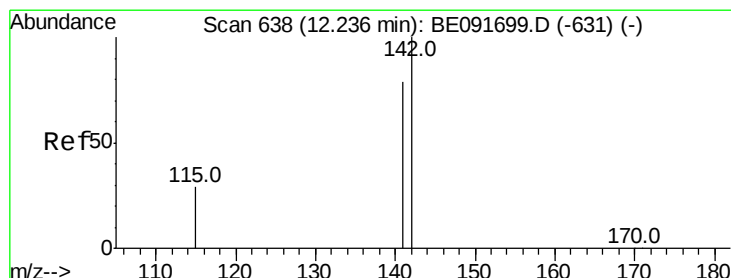
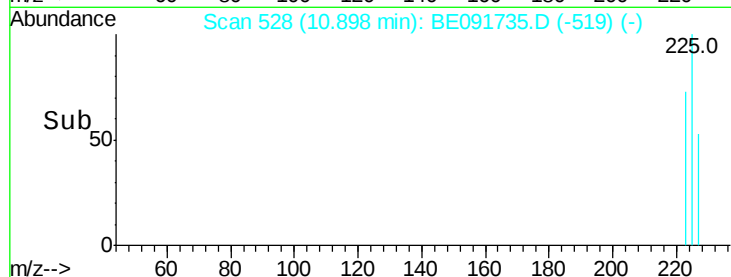
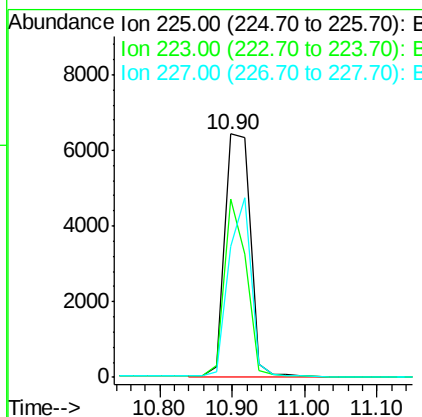
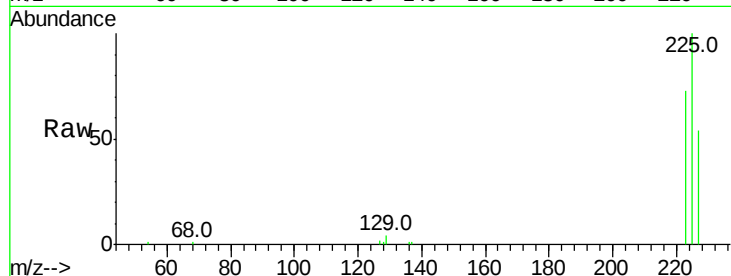
#11
Hexachlorobutadiene
Concen: 3.53 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	65.2	50.3	75.5

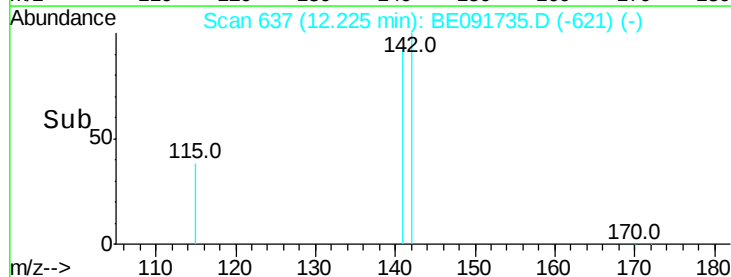
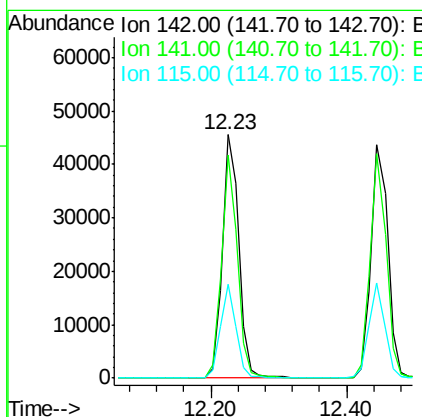
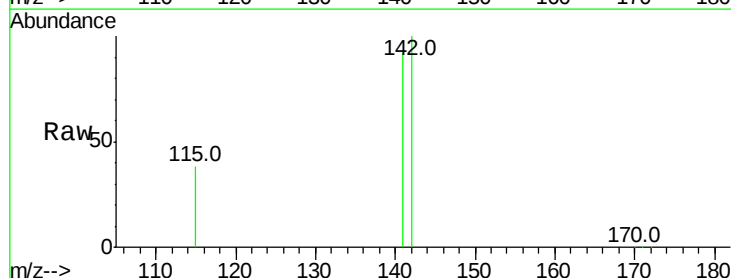
Manual Integrations
APPROVED

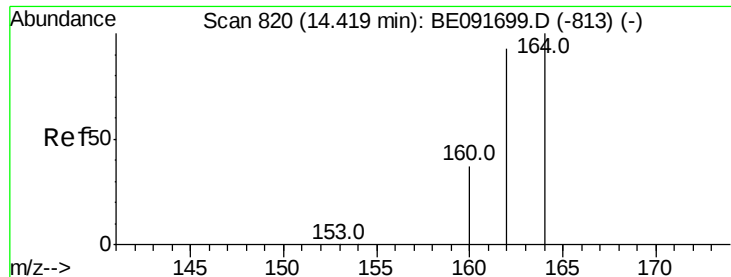
sohil
4/30/2016 11:26:40 AM



#12
2-Methylnaphthalene
Concen: 3.75 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.0
115	38.5	30.3	45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB90187BSD

Tot Ion:164 Resp: 94968

Ion Ratio Lower Upper

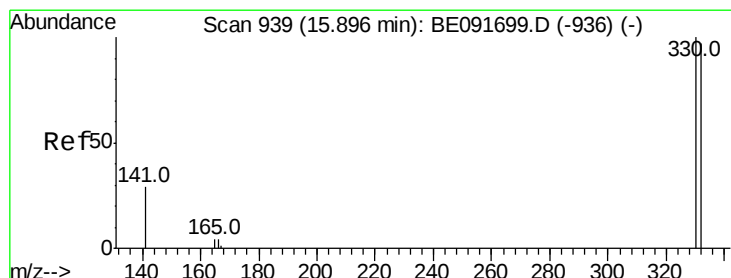
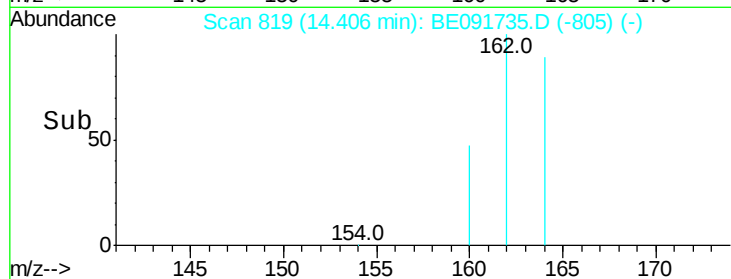
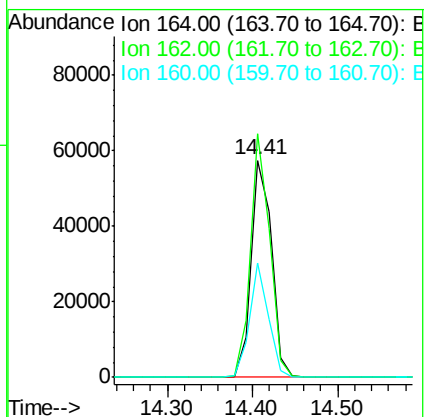
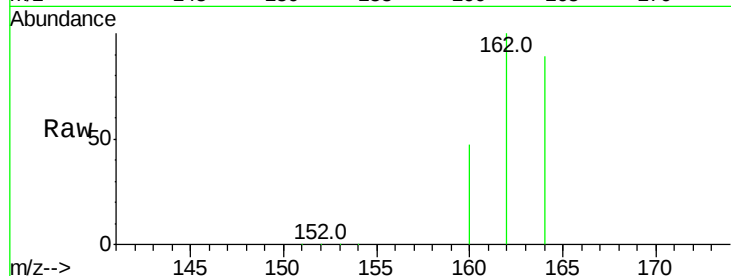
164 100

162 112.1 85.3 127.9

160 52.7 46.2 69.2

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#14

2,4,6-Tribromophenol

Concen: 6.28 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

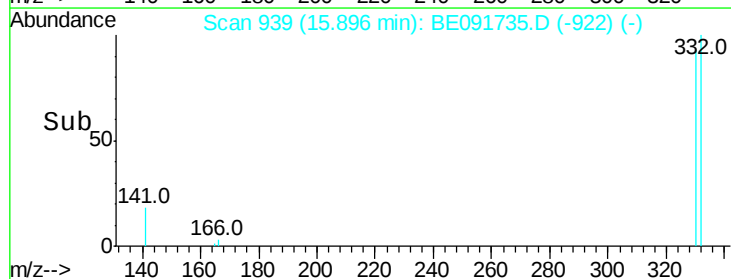
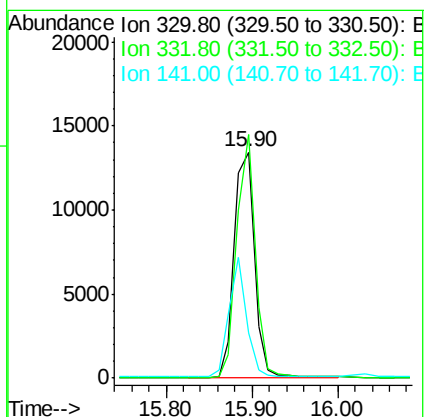
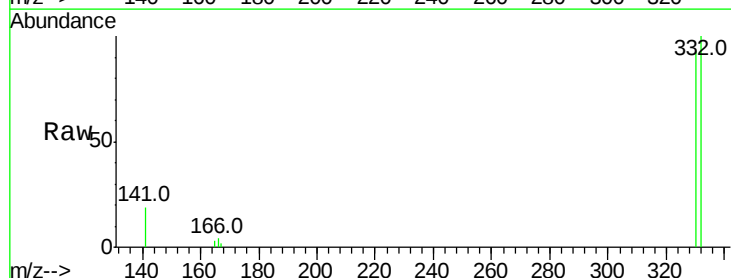
Tgt Ion:330 Resp: 22074

Ion Ratio Lower Upper

330 100

332 97.5 79.1 118.7

141 45.7 125.4 188.0#





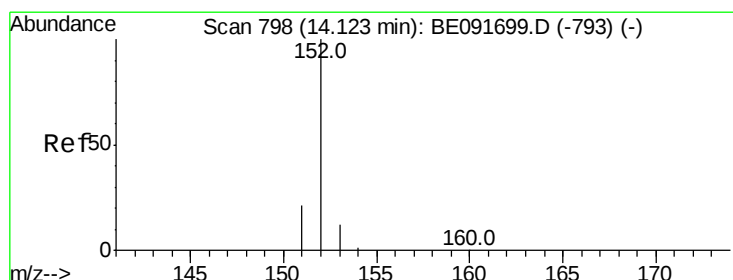
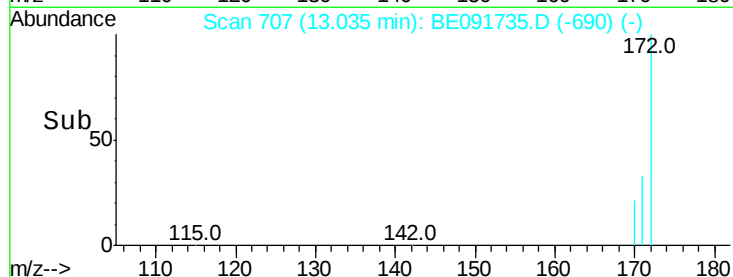
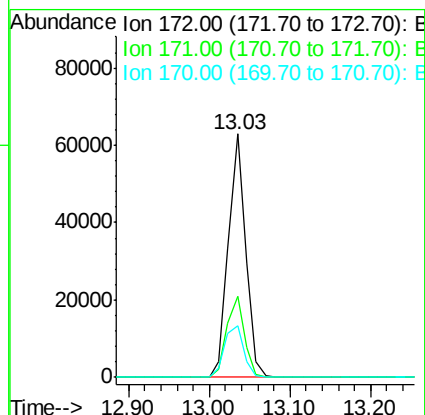
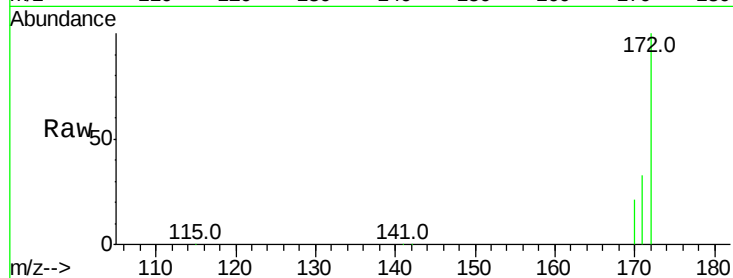
#15
2-Fluorobiphenyl
Concen: 3.48 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.8	43.2
170	21.2	19.3	28.9

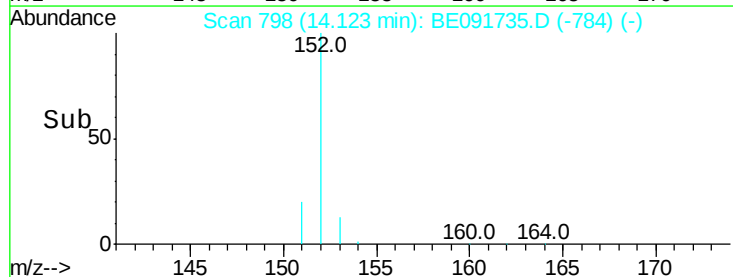
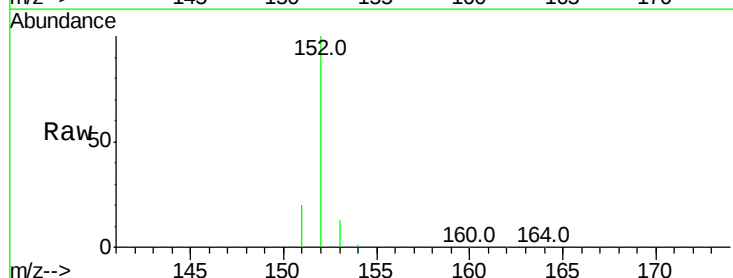
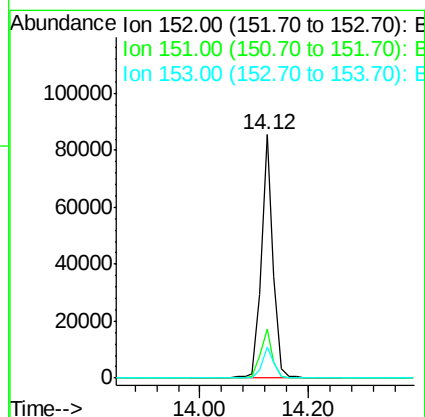
Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#16
Acenaphthylene
Concen: 3.80 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	3.9	5.9#
153	13.6	10.3	15.5





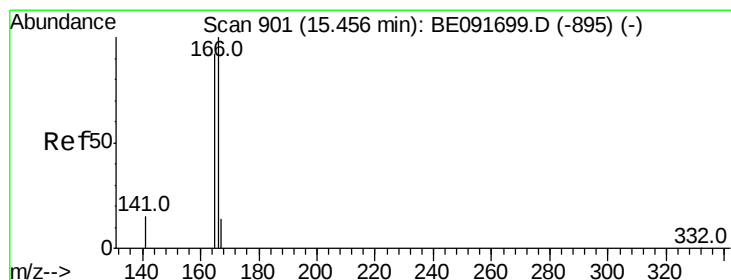
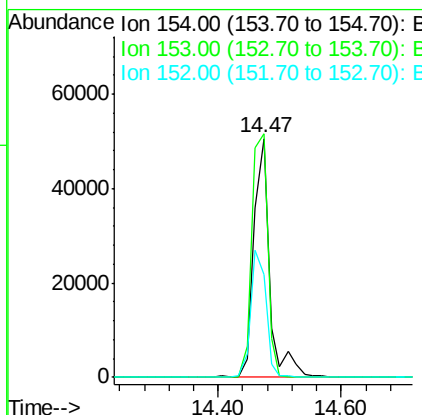
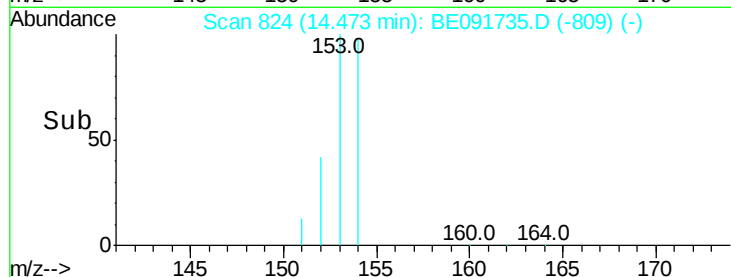
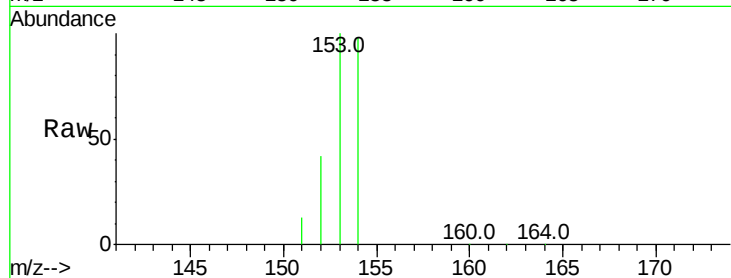
#17
Acenaphthene
Concen: 3.85 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	102.7	80.0	120.0
152	50.3	40.0	60.0

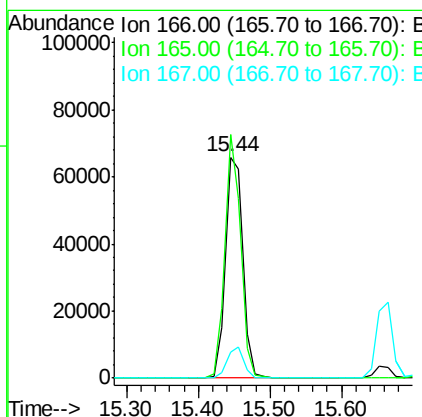
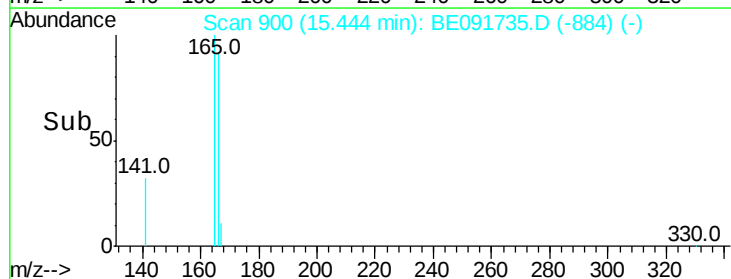
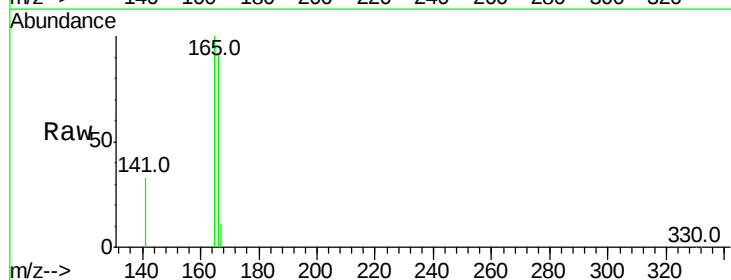
Manual Integrations
APPROVED

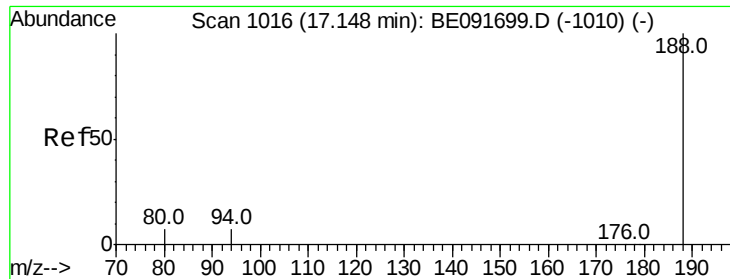
sohil
4/30/2016 11:26:40 AM



#18
Fluorene
Concen: 3.75 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.8	121.2
167	13.5	10.9	16.3





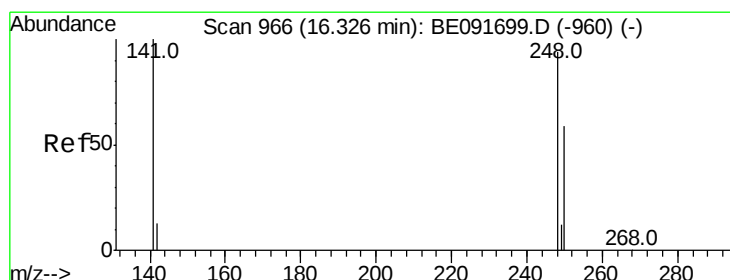
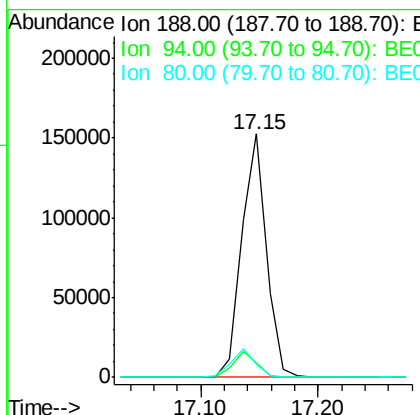
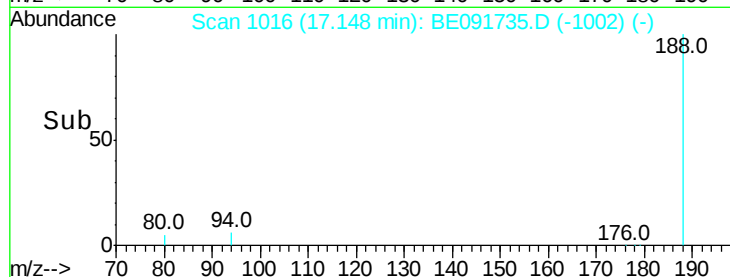
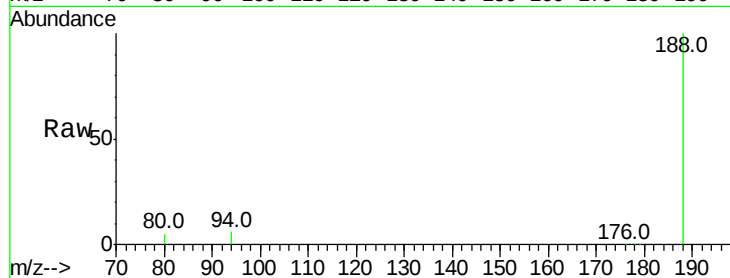
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.9	8.7	13.1#
80	5.2	9.4	14.0#

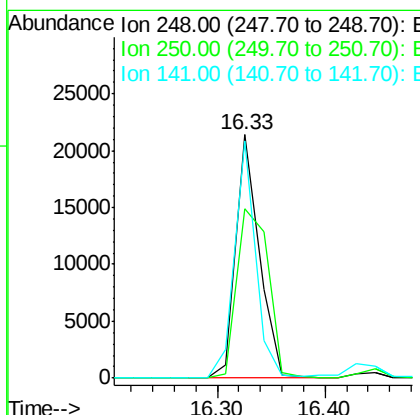
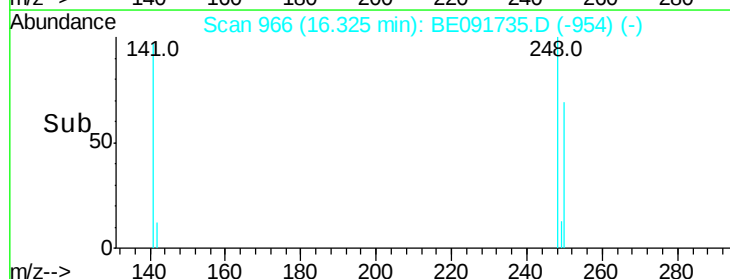
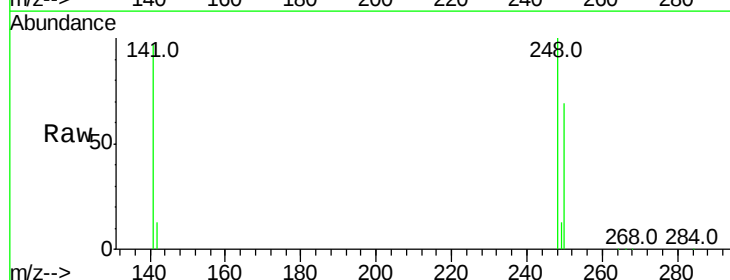
Manual Integrations
APPROVED

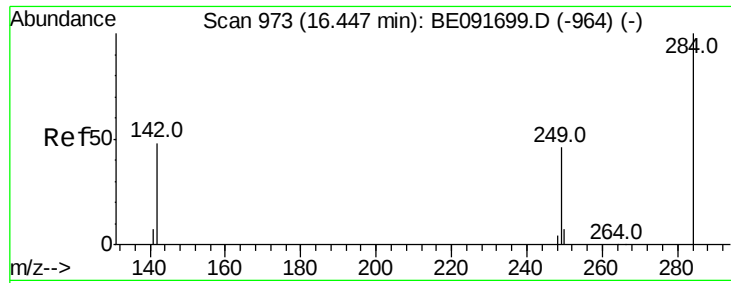
sohil
4/30/2016 11:26:40 AM



#20
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	93.7	80.5	120.7
141	87.0	72.0	108.0





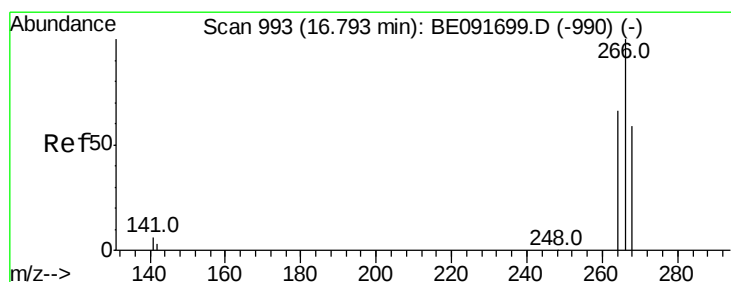
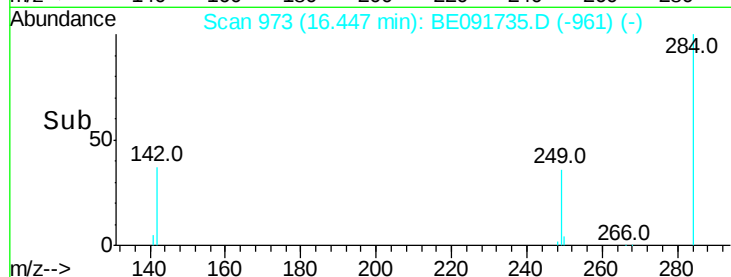
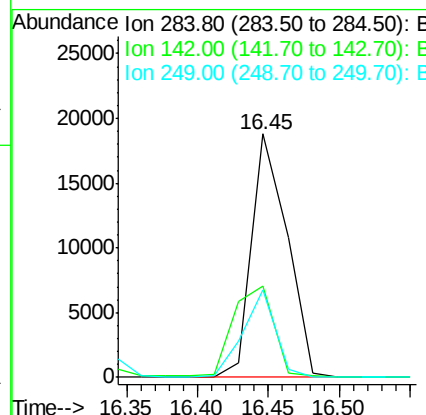
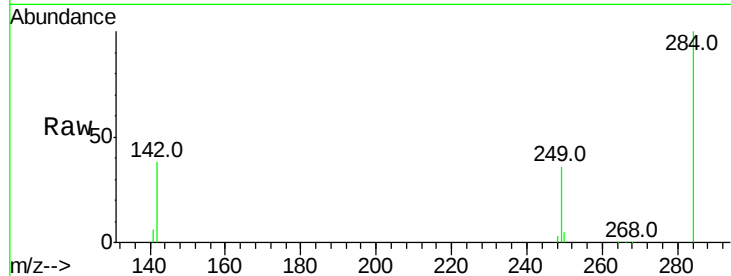
#21
Hexachlorobenzene
Concen: 4.01 ng/ml
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.7	32.2	48.2	
249	32.6	25.4	38.2	

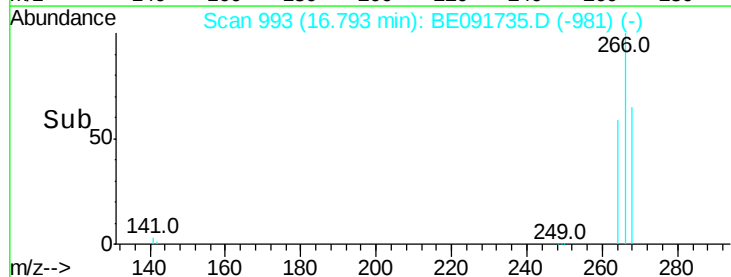
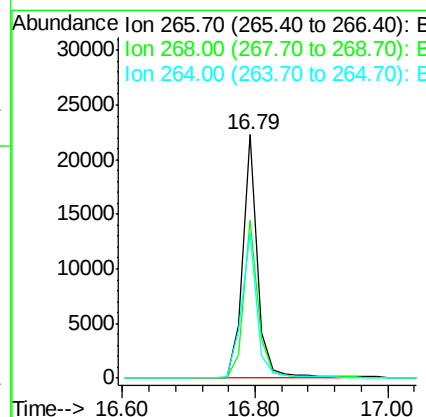
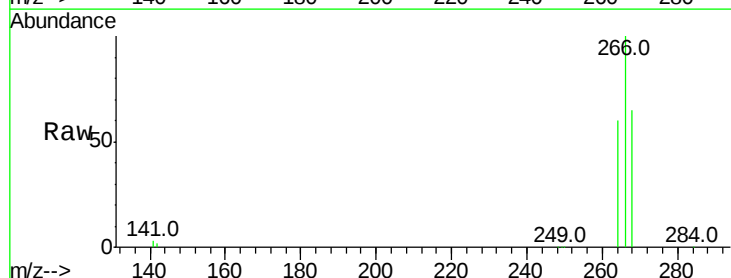
Manual Integrations
APPROVED

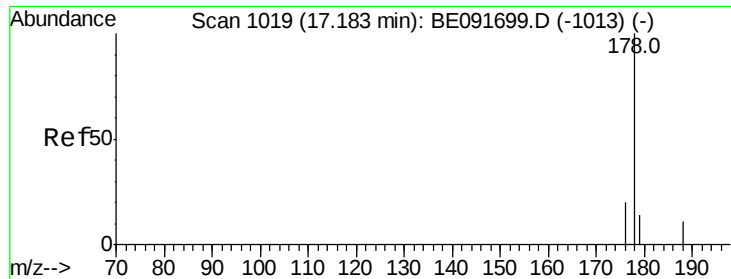
sohil
4/30/2016 11:26:40 AM



#22
Pentachlorophenol
Concen: 7.85 ng/ml
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.6	58.2	87.2	
264	59.6	56.2	84.4	





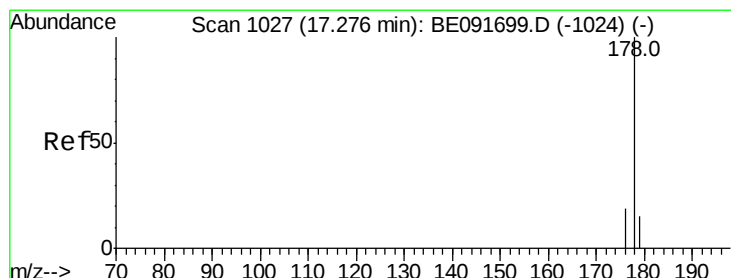
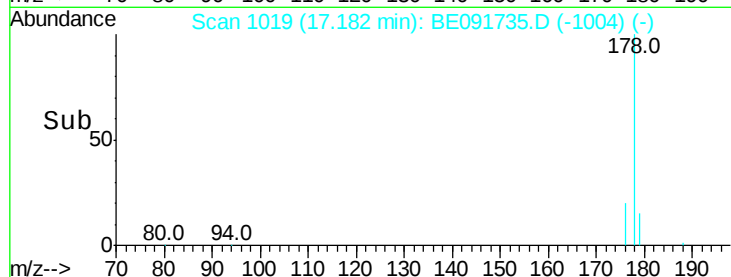
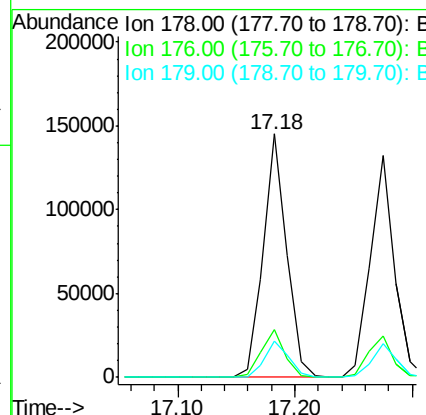
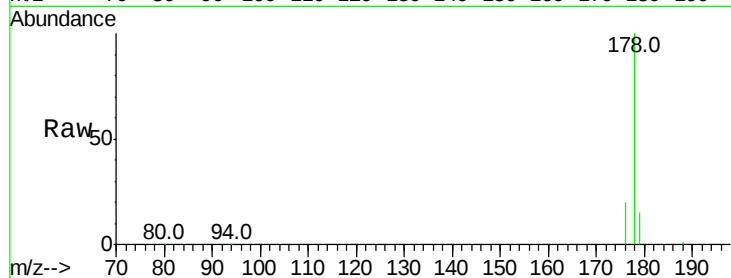
#23
Phenanthrene
Concen: 4.00 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.6	18.8

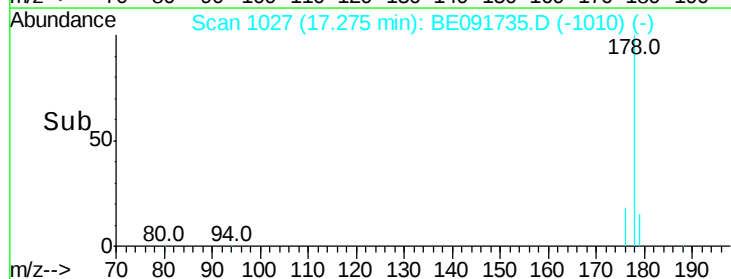
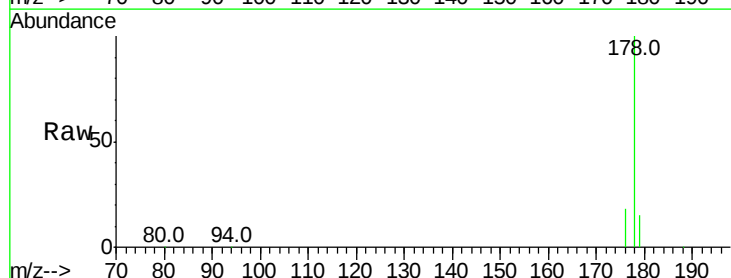
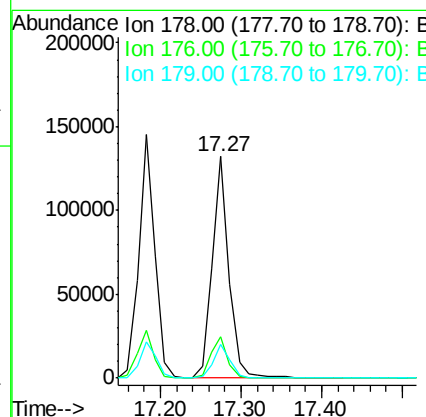
Manual Integrations
APPROVED

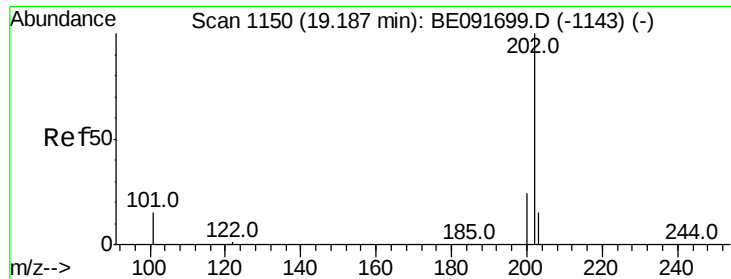
sohil
4/30/2016 11:26:40 AM



#24
Anthracene
Concen: 4.15 ng
RT: 17.27 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.1	11.8	17.6





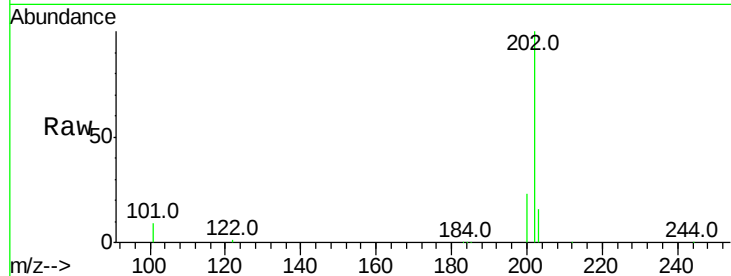
#25
 Fluoranthene
 Concen: 4.37 ng
 RT: 19.19 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BE091735.D
 Acq: 29 Apr 2016 16:02

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BSD

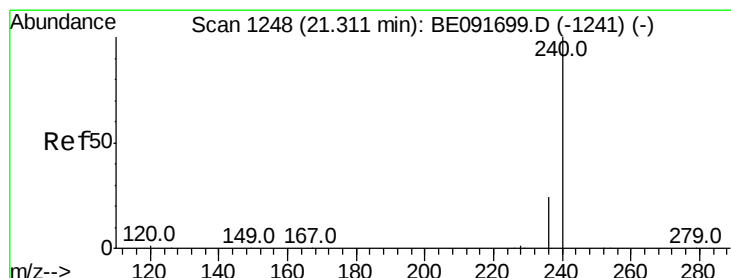
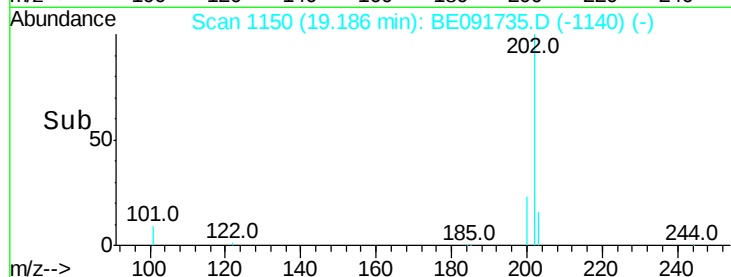
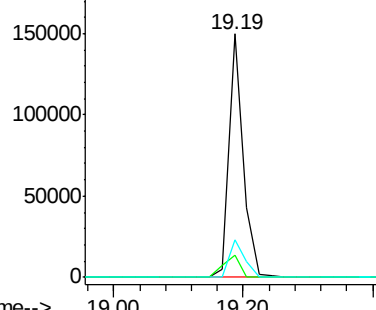
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	11.0	16.6#
203	17.3	13.9	20.9

Manual Integrations
 APPROVED

sohil
 4/30/2016 11:26:40 AM

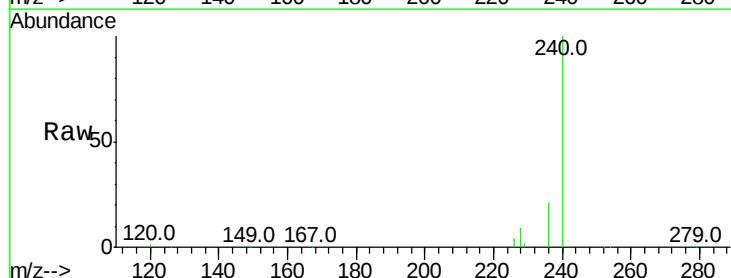


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

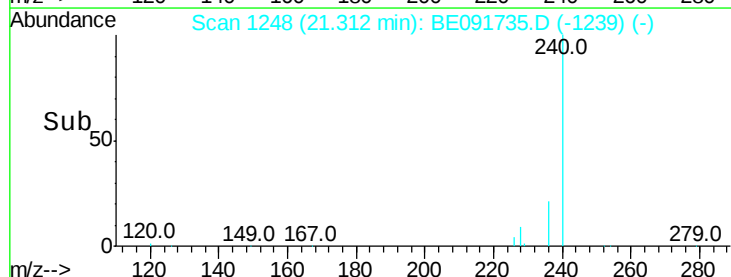
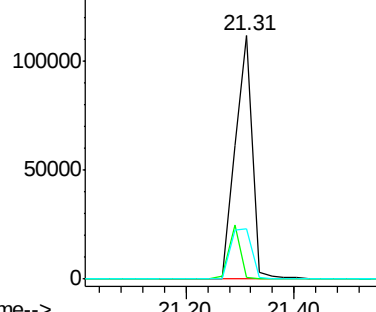


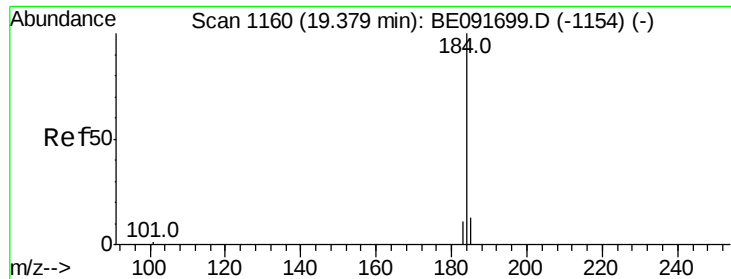
#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091735.D
 Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	0.8	11.0	16.4#
236	20.9	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: 1.63 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

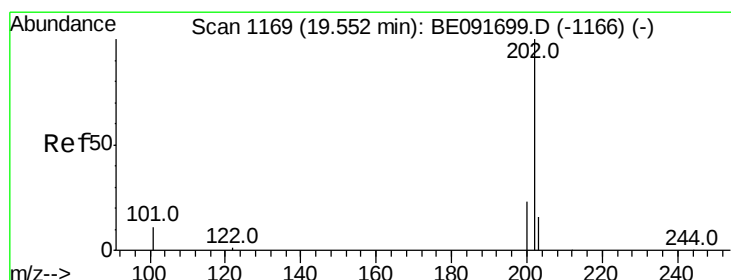
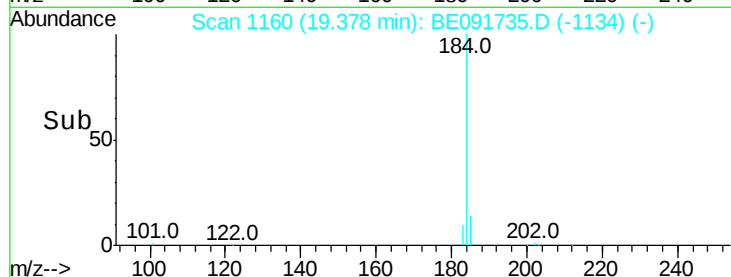
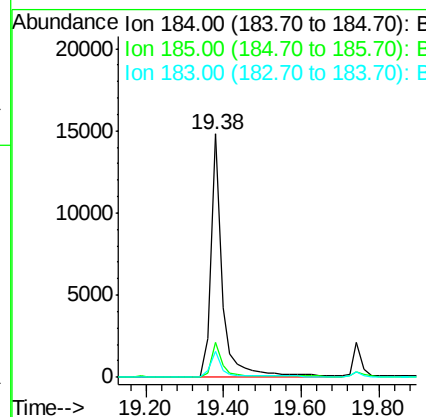
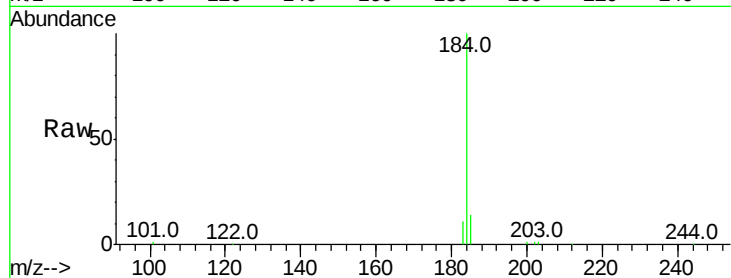
ClientSampleId :

PB90187BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	22.3	33.5#	
183	10.7	16.4	24.6#	

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#28

Pyrene

Concen: 4.62 ng

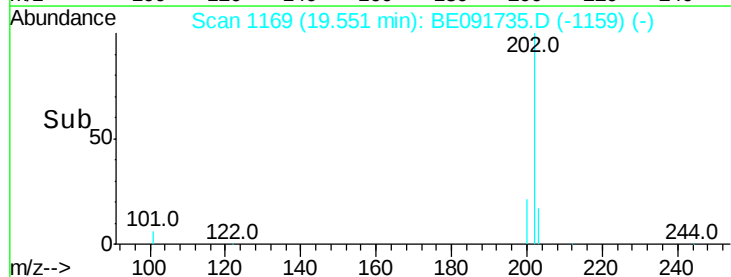
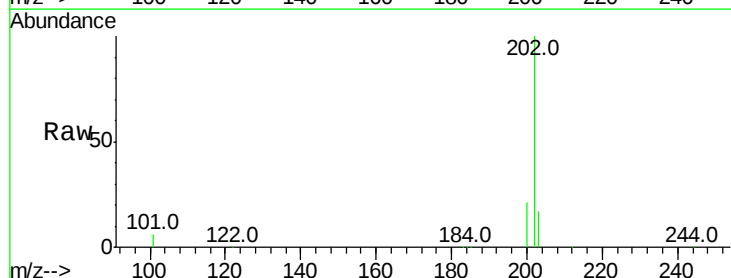
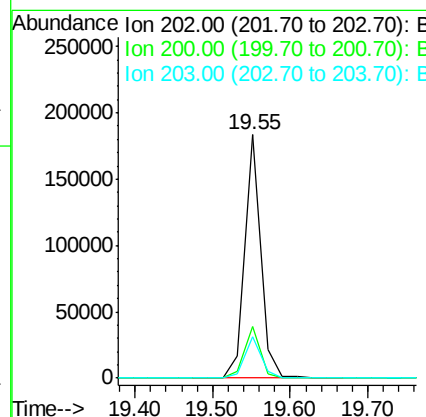
RT: 19.55 min Scan# 1169

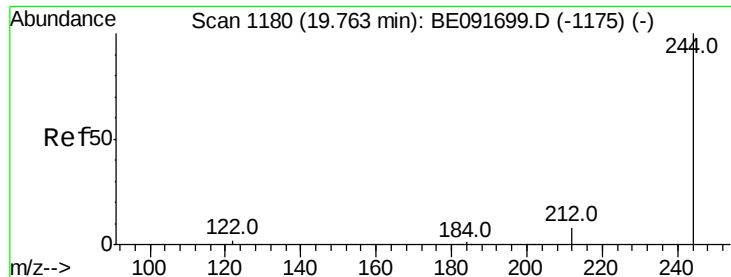
Delta R.T. -0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	16.8	25.2	
203	17.8	14.0	21.0	





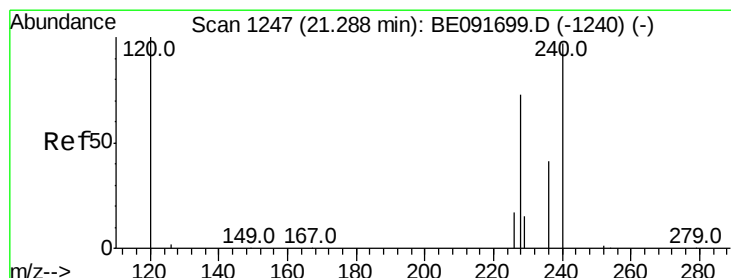
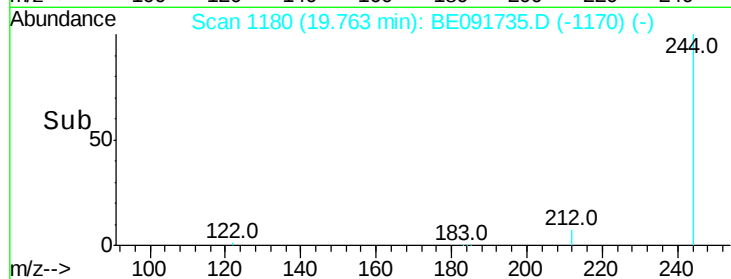
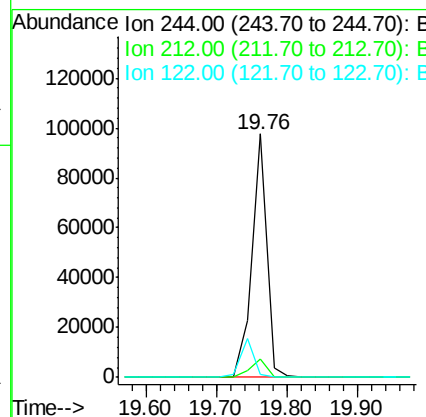
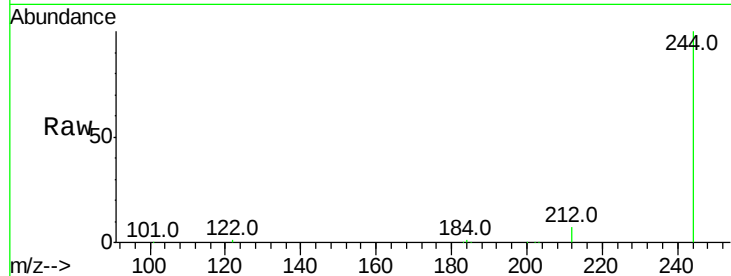
#29
 Terphenyl-d14
 Concen: 3.75 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091735.D
 Acq: 29 Apr 2016 16:02

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	6.9	10.3	
122	1.3	11.0	16.4	

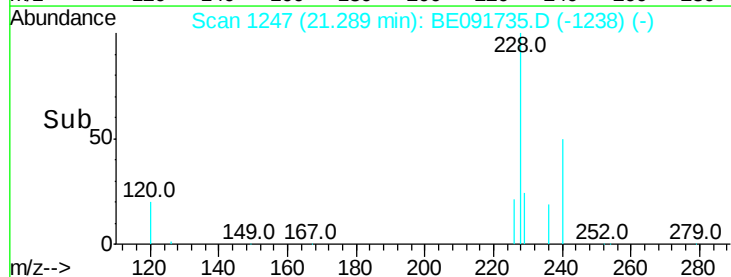
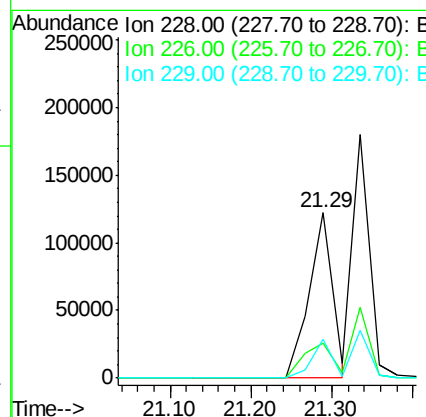
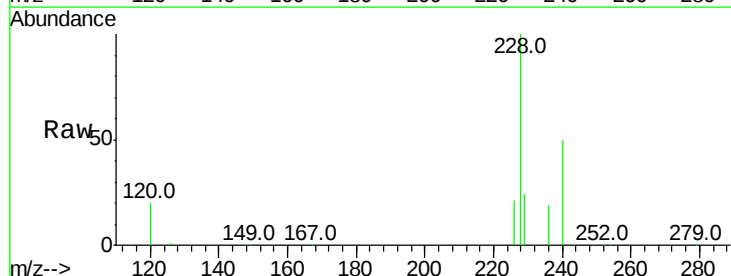
Manual Integrations
 APPROVED

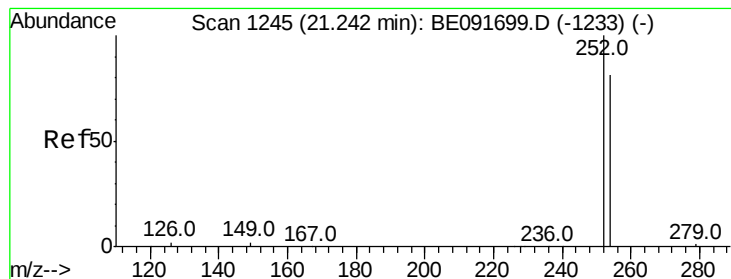
sohil
 4/30/2016 11:26:40 AM



#30
 Benzo(a)anthracene
 Concen: 4.06 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091735.D
 Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	21.5	21.0	31.4	
229	23.6	15.7	23.5	





#31

3,3'-Dichlorobenzidine

Concen: 0.93 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

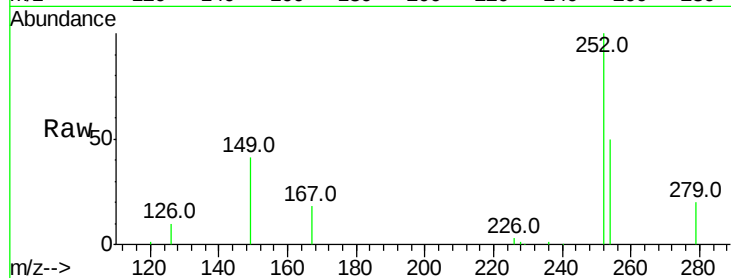
ClientSampleId :

PB90187BSD

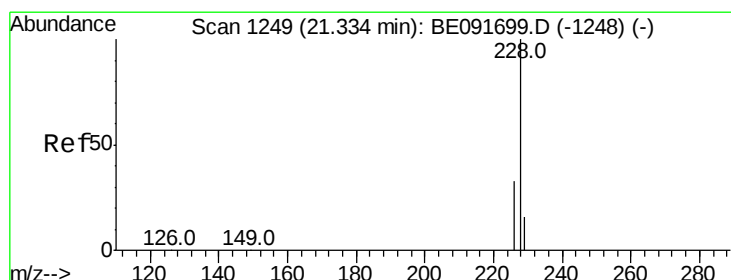
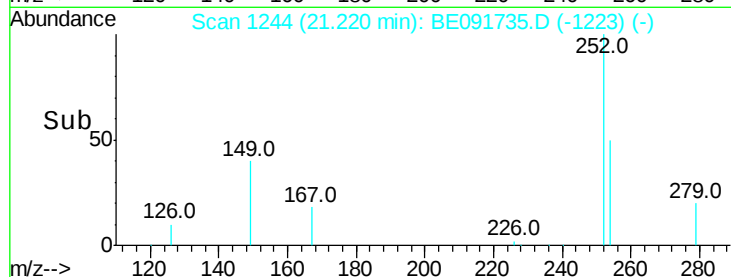
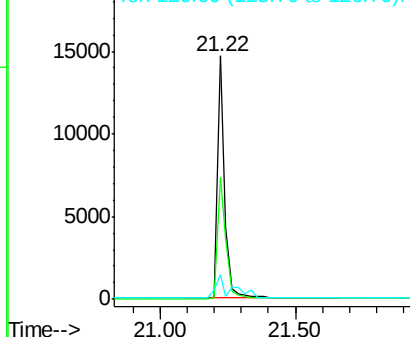
Tot Ion:	252	Resp:	28746
Ion Ratio	Lower	Upper	
252	100		
254	50.2	51.1	76.7#
126	10.4	12.6	18.8#

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



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: 4.25 ng m

RT: 21.34 min Scan# 1249

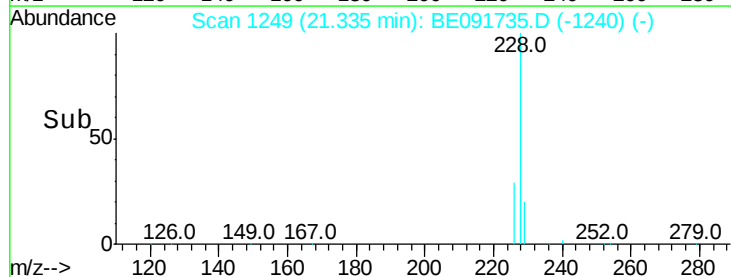
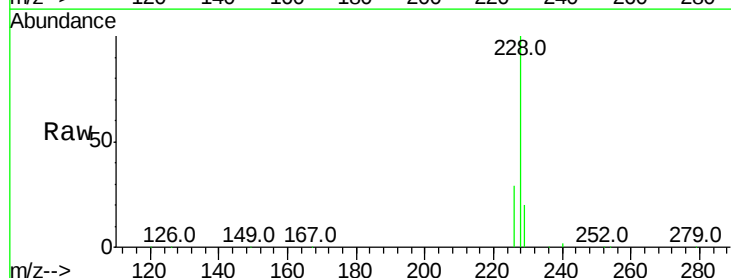
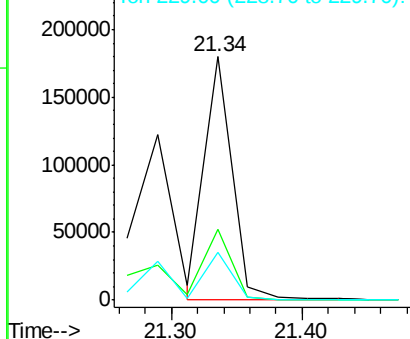
Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion:	228	Resp:	267877
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.0	36.0
229	19.8	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





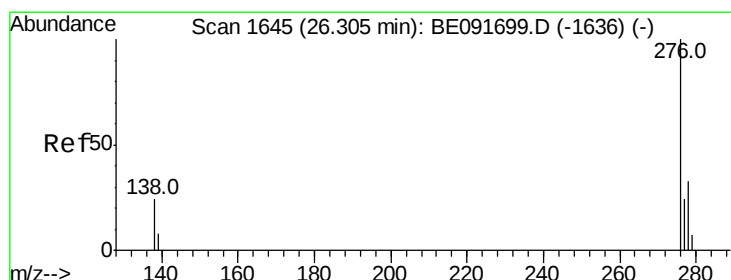
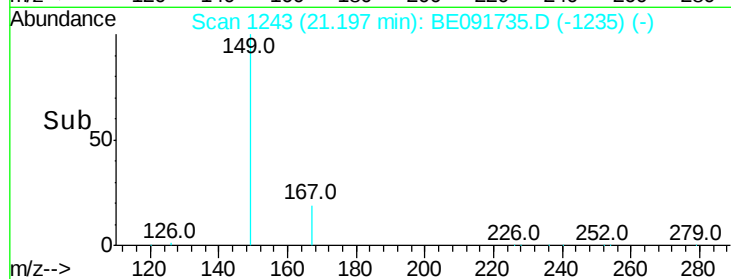
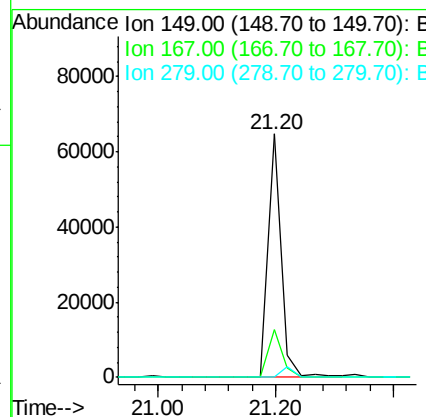
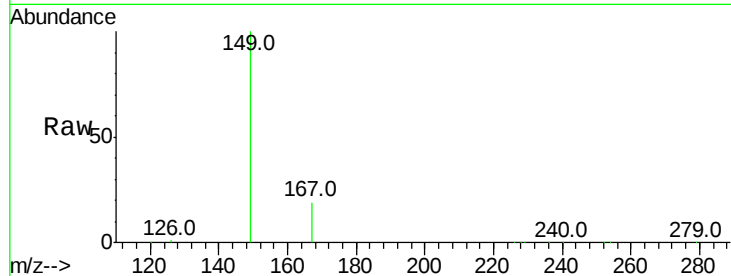
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 5.42 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091735.D
 Acq: 29 Apr 2016 16:02

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	21.4	19.5	29.3
279	0.0	10.0	15.0

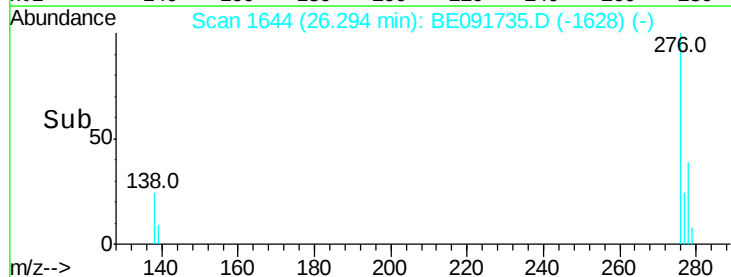
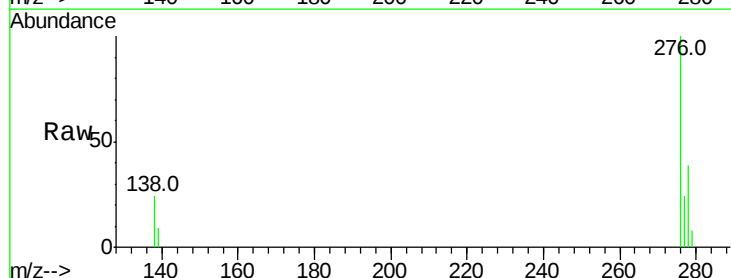
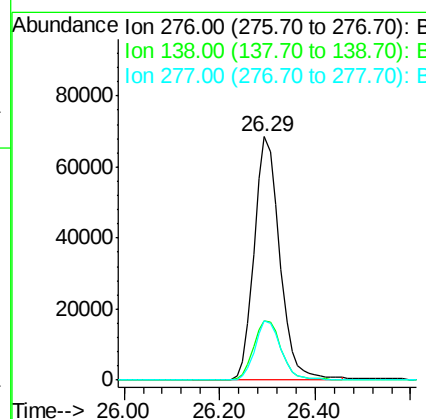
Manual Integrations
 APPROVED

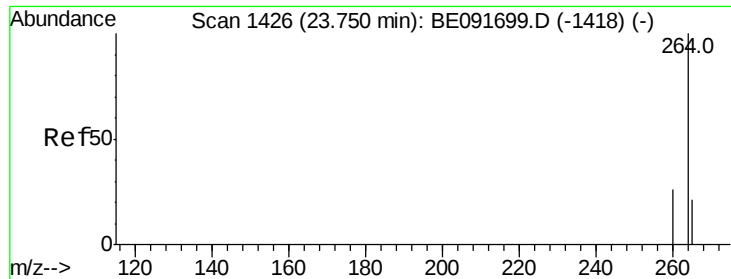
sohil
 4/30/2016 11:26:40 AM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.53 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091735.D
 Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.4	35.2
277	24.7	19.8	29.8





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

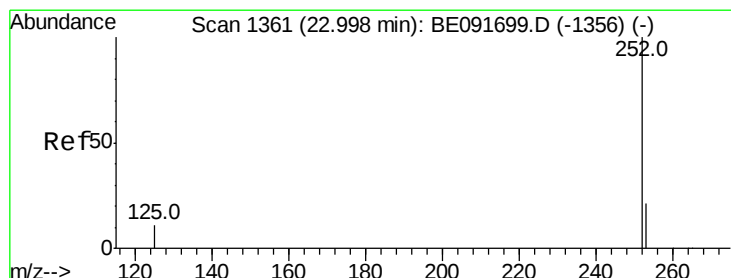
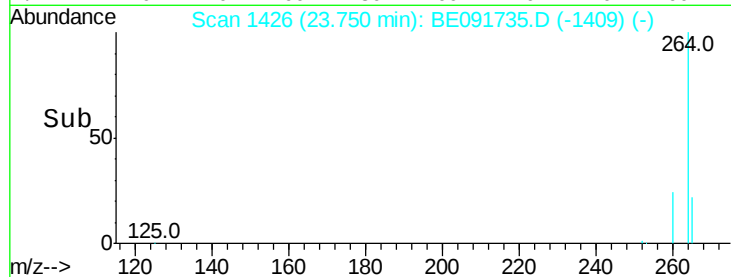
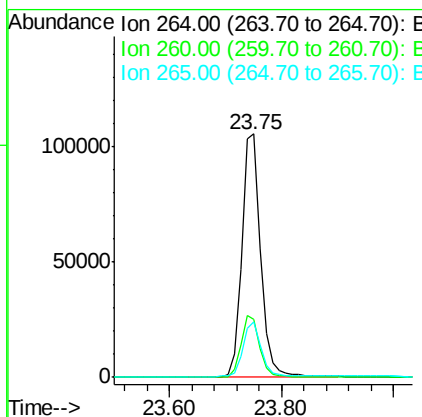
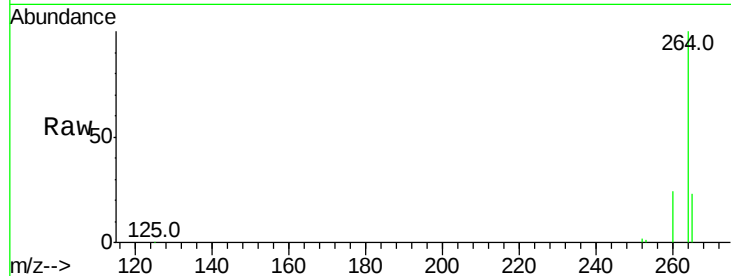
ClientSampled :

PB90187BSD

Tot Ion:	264	Resp:	249329
Ion Ratio	Lower	Upper	
264	100		
260	23.8	20.0	30.0
265	22.8	17.5	26.3

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#36

Benzo(b)fluoranthene

Concen: 4.02 ng

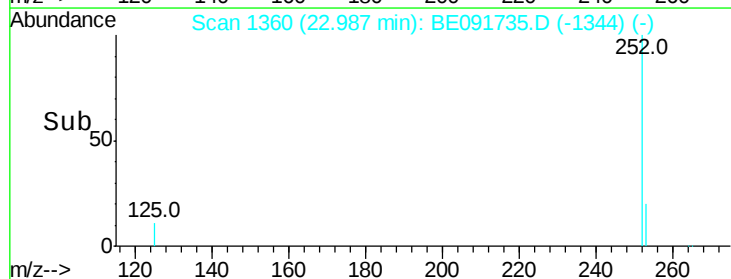
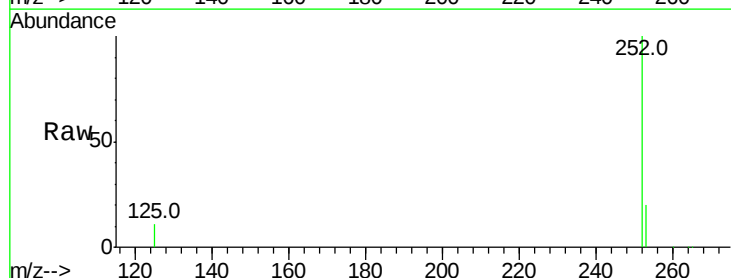
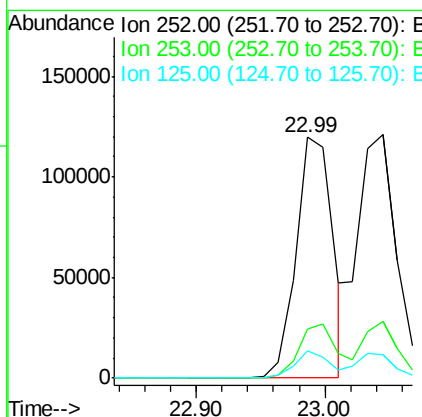
RT: 22.99 min Scan# 1360

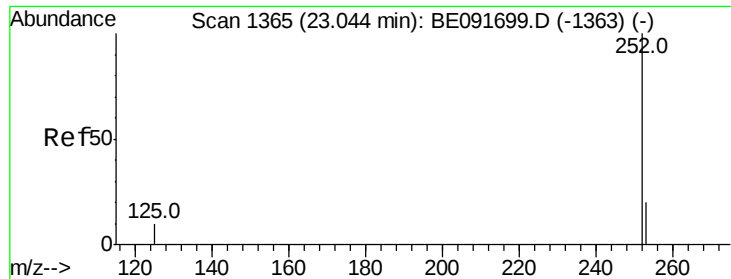
Delta R.T. -0.01 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion:	252	Resp:	234733
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.4	26.0
125	11.1	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 4.37 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Instrument :

BNA_E

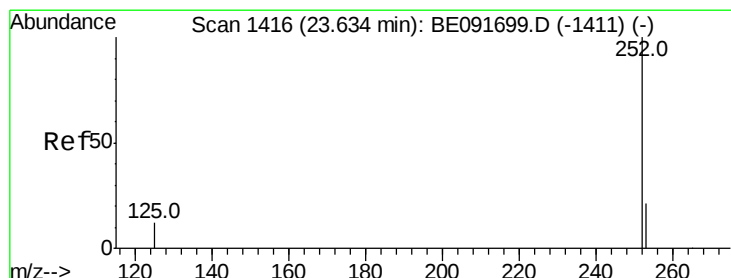
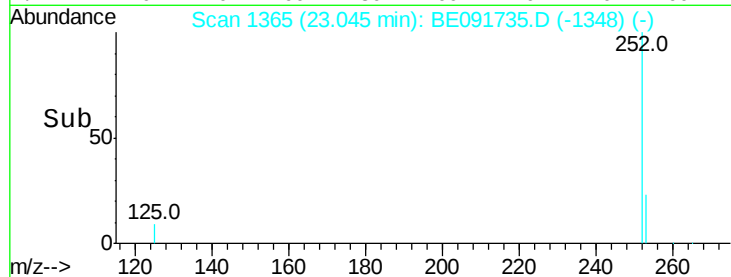
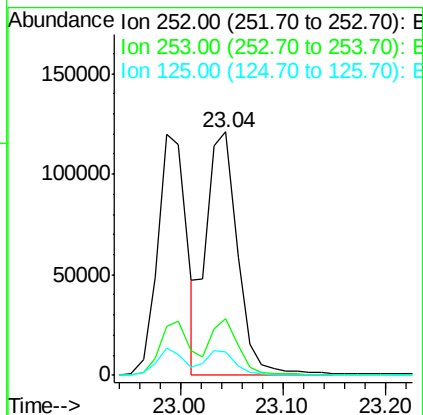
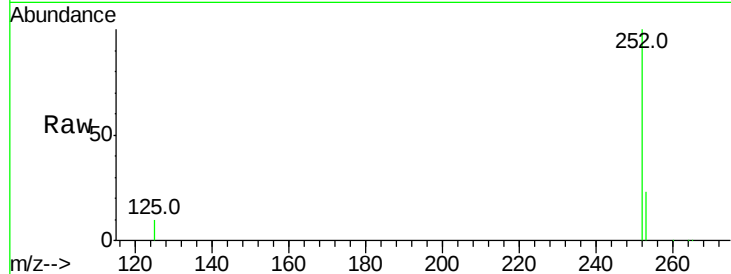
ClientSampleId :

PB90187BSD

Tot Ion:	252	Resp:	259485
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	9.6	9.9	14.9

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#38

Benzo(a)pyrene

Concen: 4.06 ng

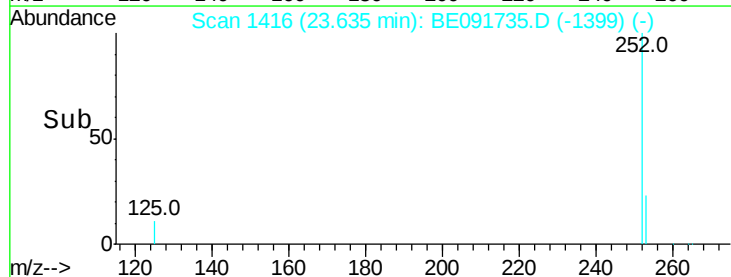
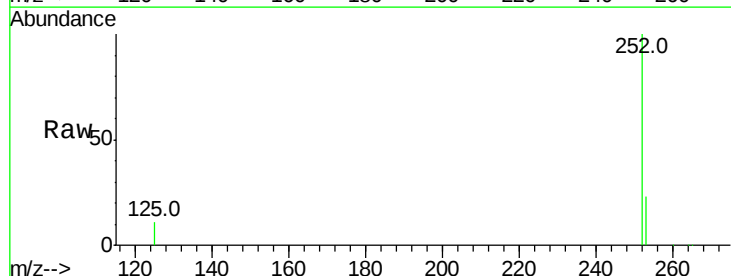
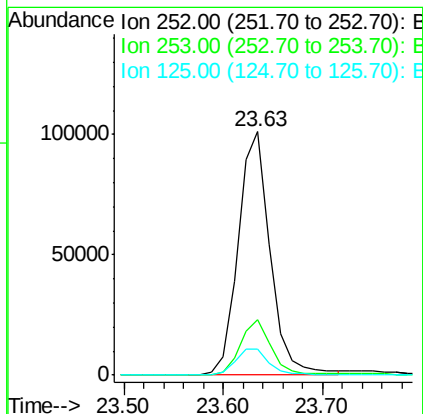
RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091735.D

Acq: 29 Apr 2016 16:02

Tgt Ion:	252	Resp:	223601
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	10.9	11.0	16.4





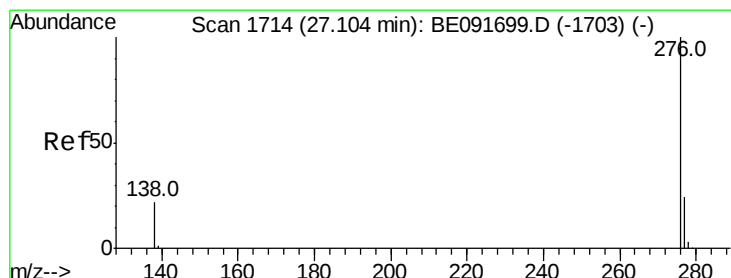
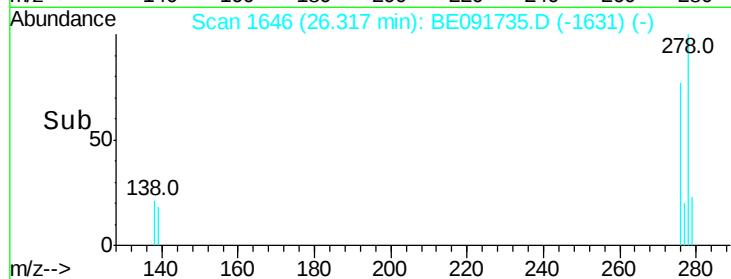
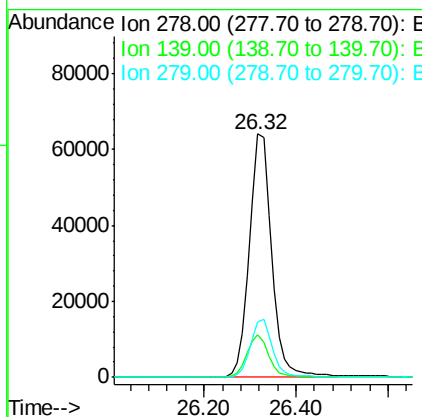
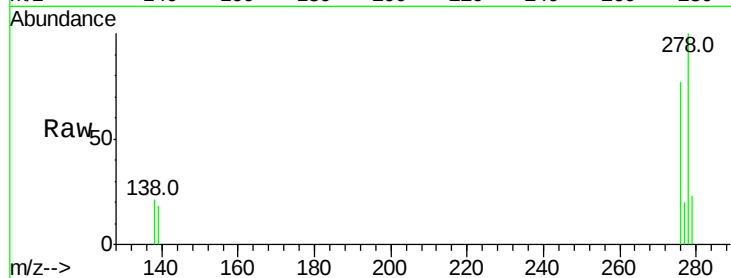
#39
Dibenzo(a,h)anthracene
Concen: 4.11 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Instrument :
BNA_E
ClientSampleId :
PB90187BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	16.0	24.0
279	23.0	19.4	29.2

Manual Integrations
APPROVED

sohil
4/30/2016 11:26:40 AM



#40
Benzo(g,h,i)perylene
Concen: 4.05 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BE091735.D
Acq: 29 Apr 2016 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	20.9	20.4	30.6

