

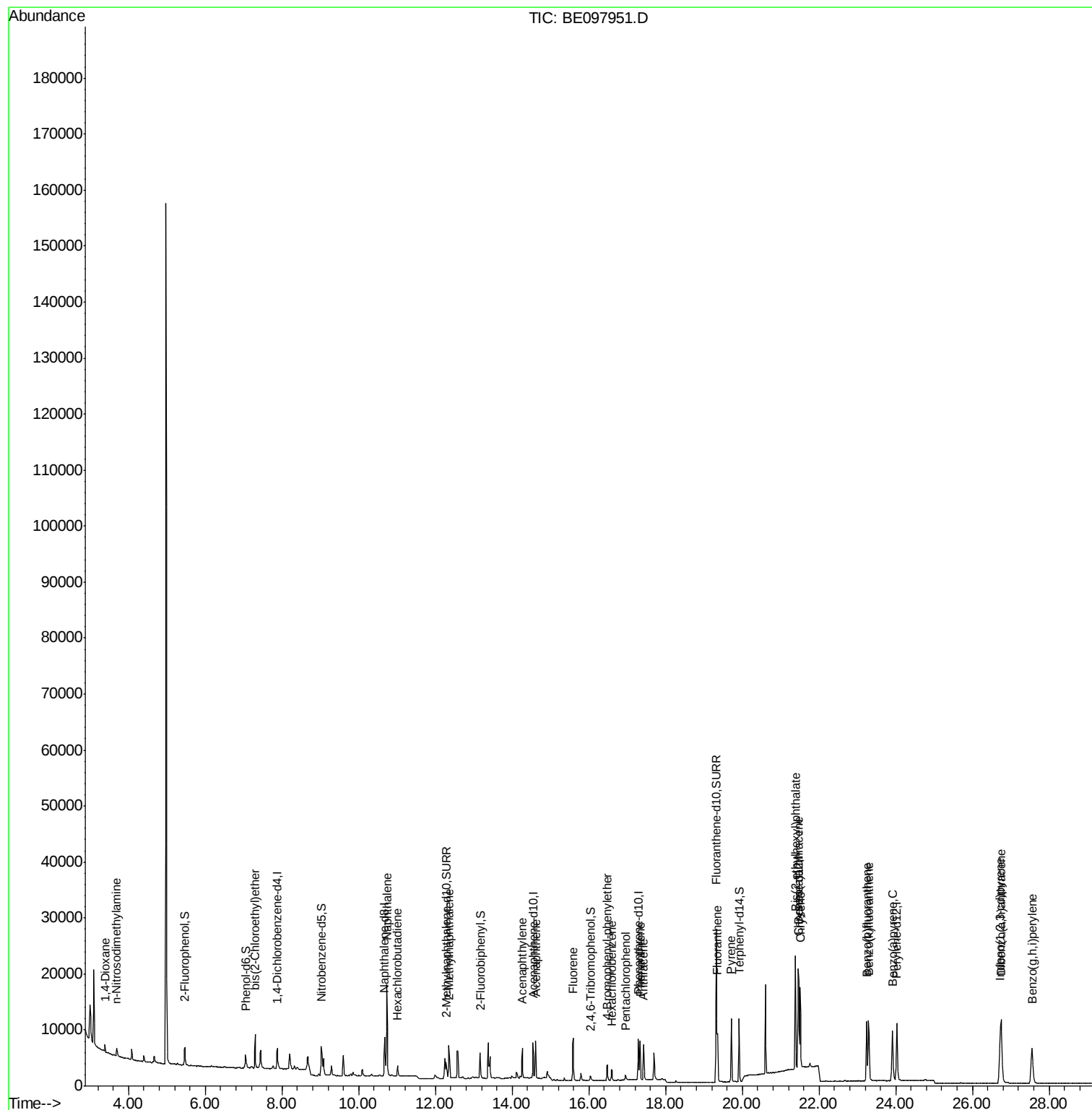
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
Data File : BE097951.D
Acq On : 17 Oct 2018 17:38
Operator : SJ/JU
Sample : PB113898BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

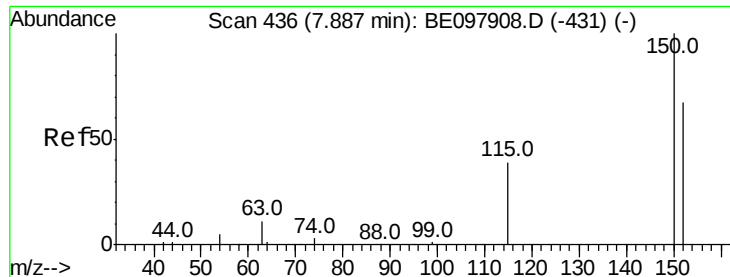
Instrument :
BNA_E
ClientSampleID :
PB113898BS

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM

Quant Time: Oct 18 10:42:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

PB113898BS

Tot Ion:152 Resp: 1842

Ion Ratio Lower Upper

152 100

150 141.1 118.2 177.4

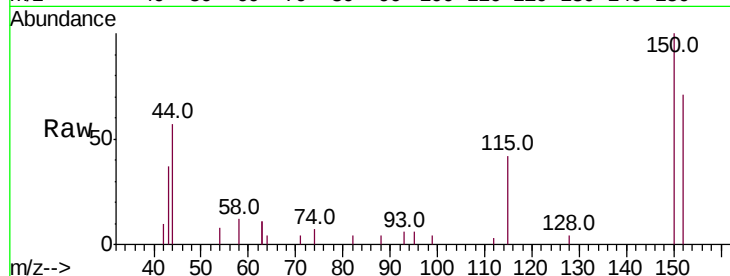
115 58.6 50.9 76.3

Manual Integrations

APPROVED

Sohil

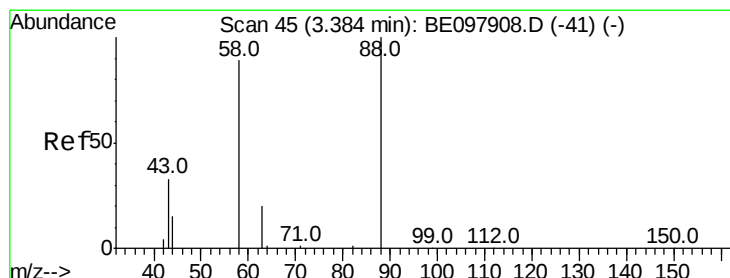
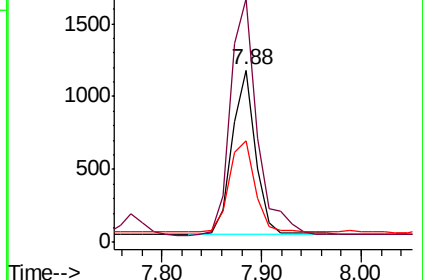
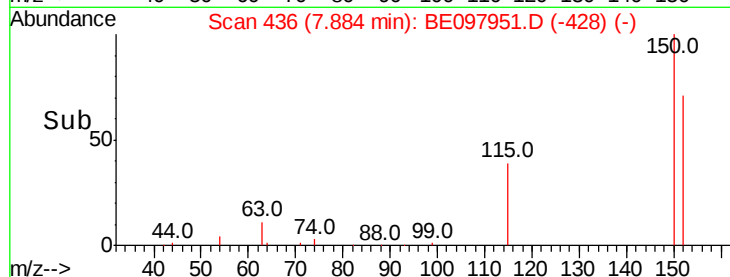
10/18/2018 1:57:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.243 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

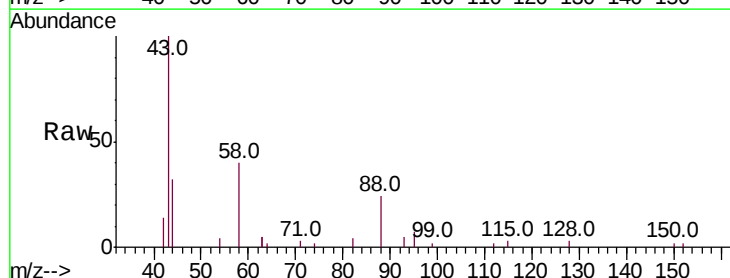
Tgt Ion: 88 Resp: 782

Ion Ratio Lower Upper

88 100

58 96.5 73.2 109.8

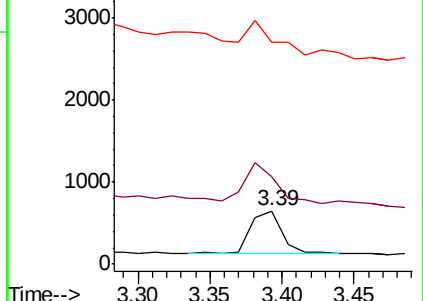
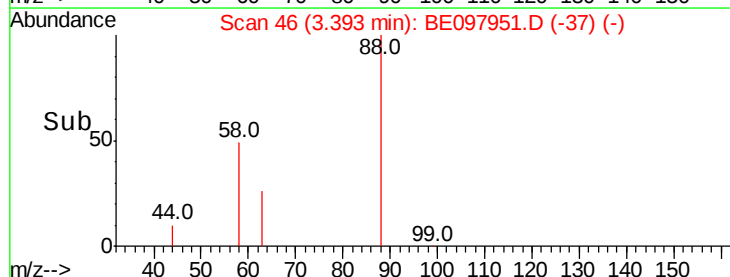
43 53.3 36.9 55.3

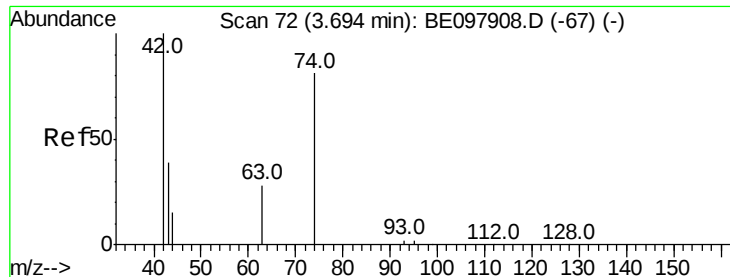


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

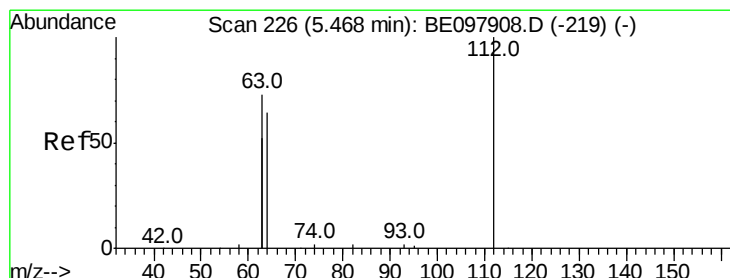
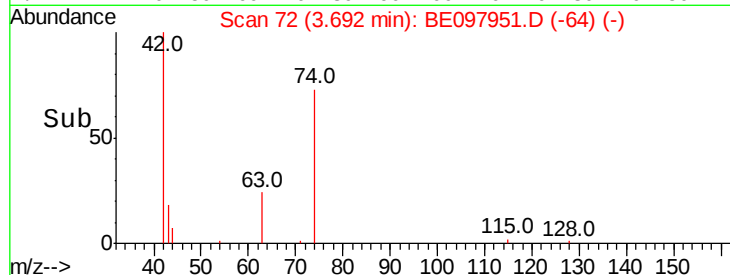
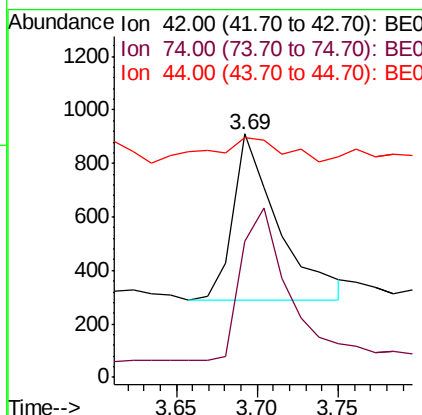
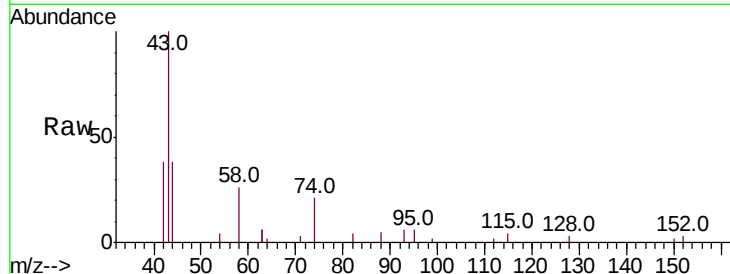
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	95.5	77.6	116.4
44	25.4	7.6	11.4#

Manual Integrations
APPROVED

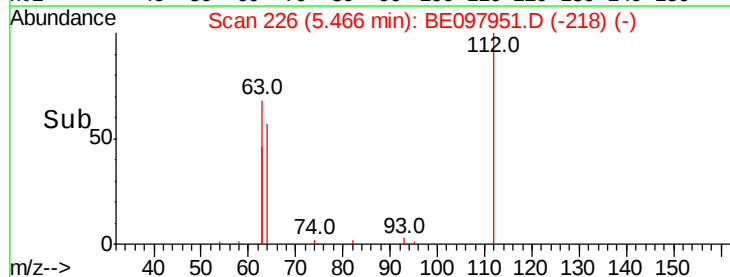
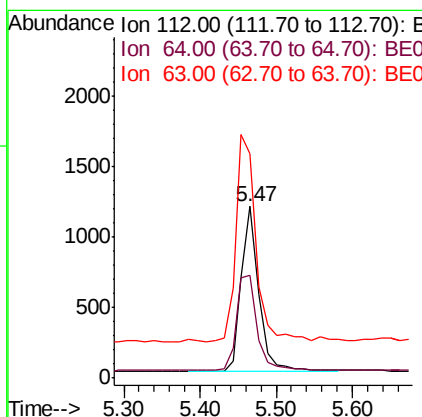
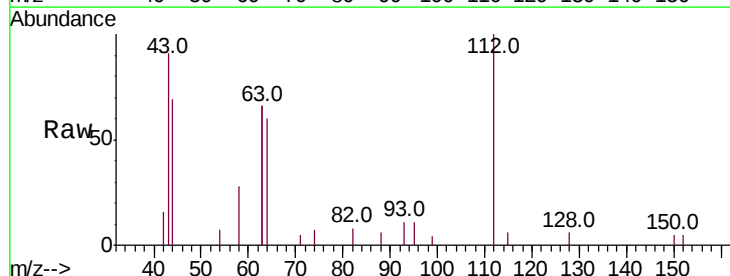
Sohil
10/18/2018 1:57:43 PM

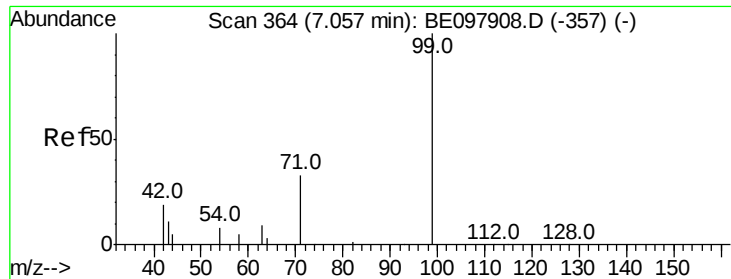


#4

2-Fluorophenol
Concen: 0.326 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	58.9	88.3
63	141.9	120.3	180.5





#5

Phenol-d6

Concen: 0.294 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

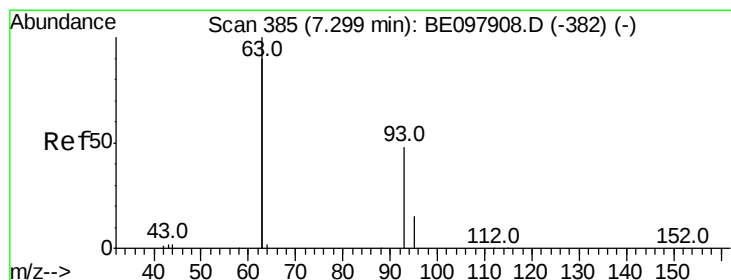
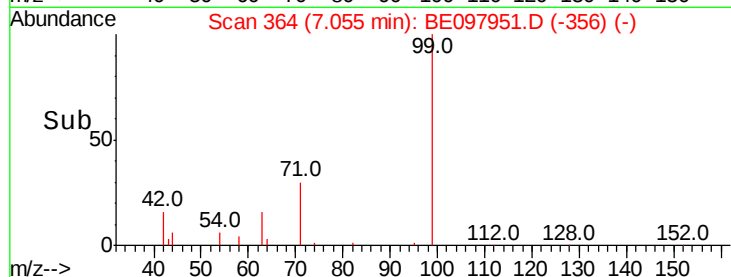
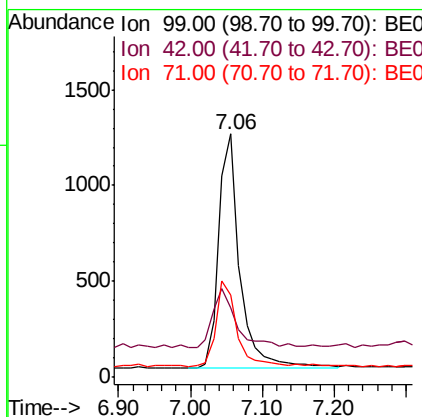
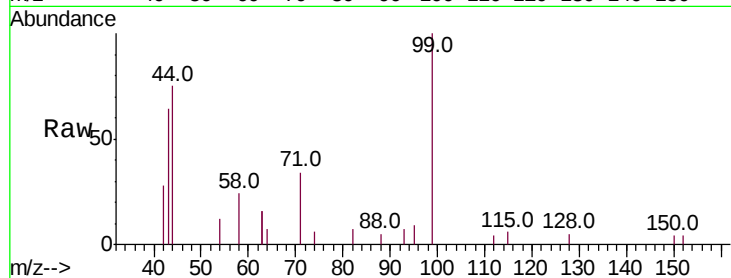
ClientSampleId :

PB113898BS

Tot Ion:	99	Resp:	2523
Ion	Ratio	Lower	Upper
99	100		
42	27.1	19.9	29.9
71	36.9	27.8	41.8

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.286 ng

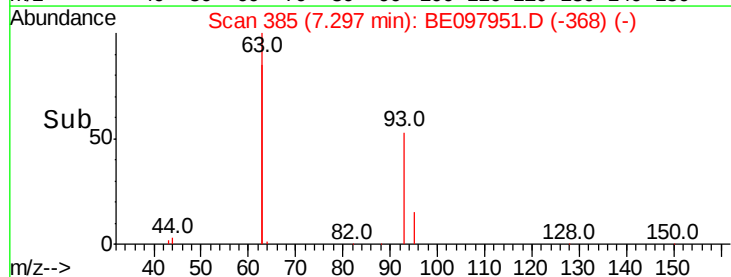
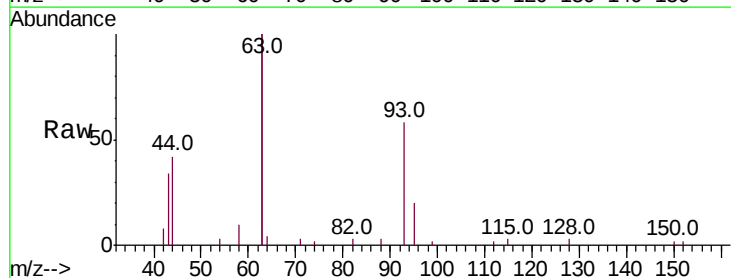
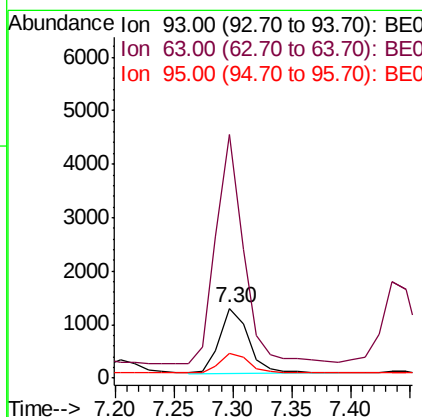
RT: 7.30 min Scan# 385

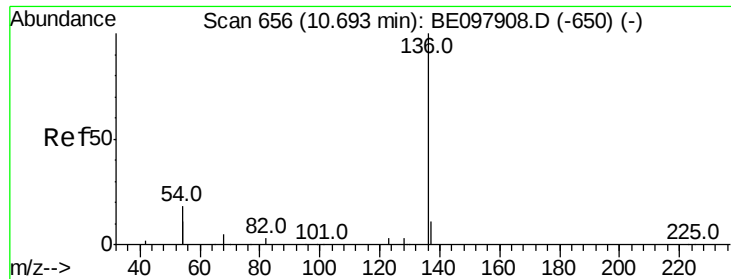
Delta R.T. -0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	93	Resp:	2086
Ion	Ratio	Lower	Upper
93	100		
63	340.9	259.0	388.4
95	33.9	27.8	41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

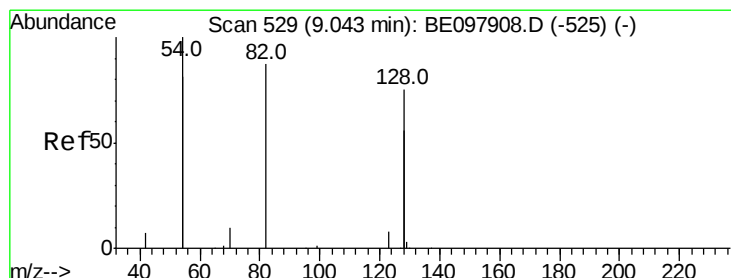
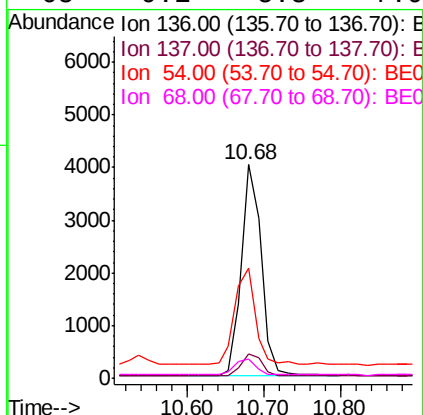
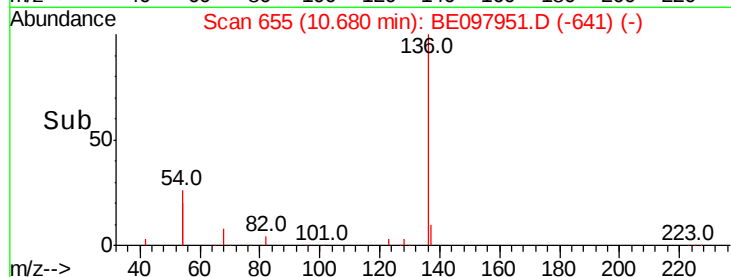
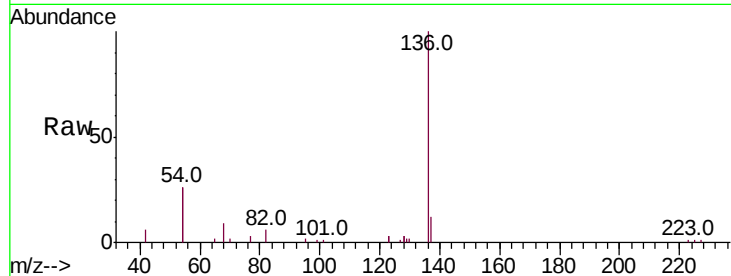
ClientSampleId :

PB113898BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	51.8	27.7	41.5#
68	9.1	5.3	7.9#

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#8

Nitrobenzene-d5

Concen: 0.303 ng

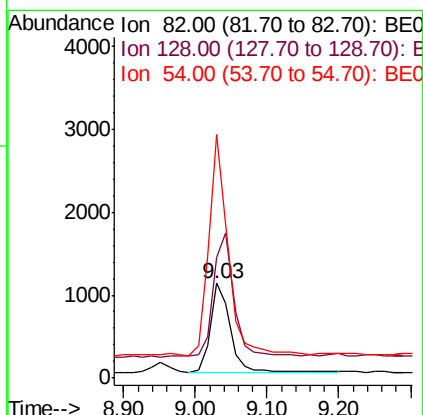
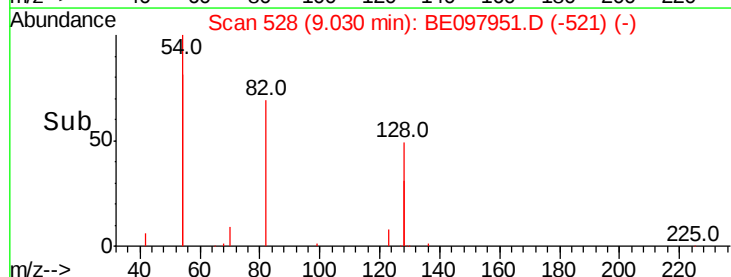
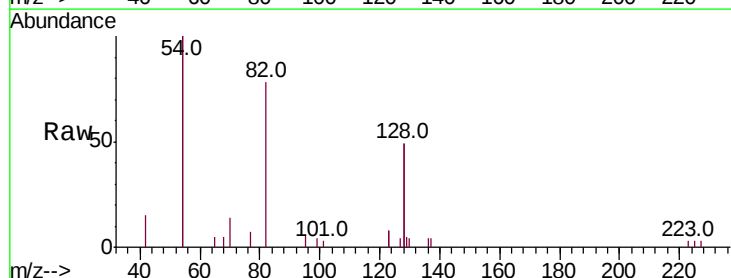
RT: 9.03 min Scan# 528

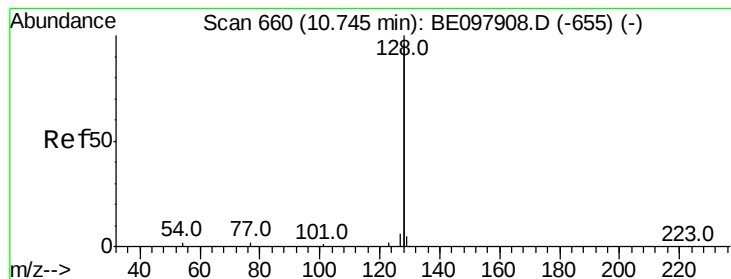
Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	127.1	129.9	194.9#
54	257.3	174.0	261.0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

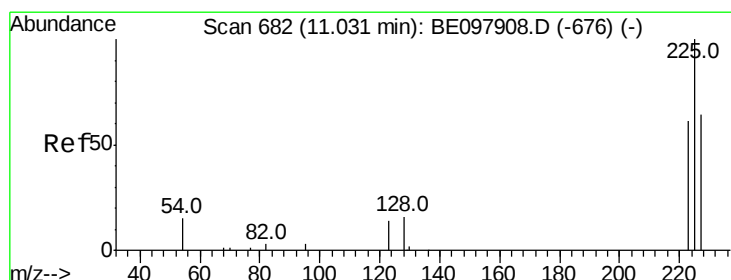
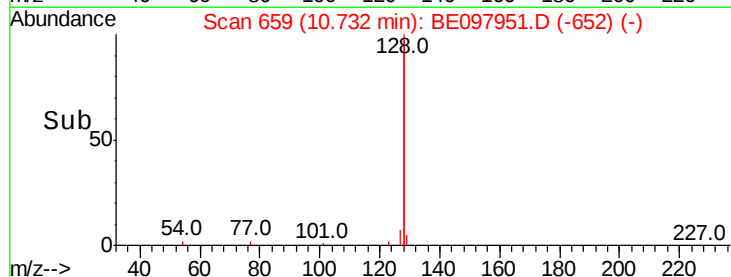
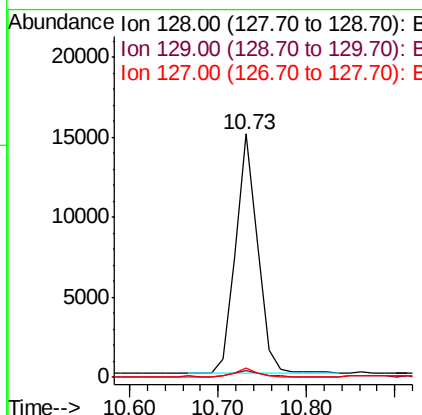
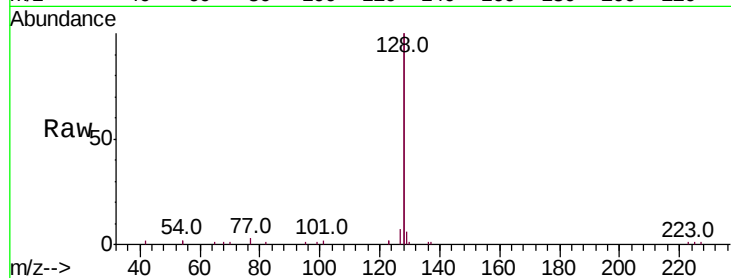
ClientSampleId :

PB113898BS

Tot Ion:	128	Resp:	25962
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.5	3.7
127	3.6	2.8	4.2

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#10

Hexachlorobutadiene

Concen: 0.317 ng

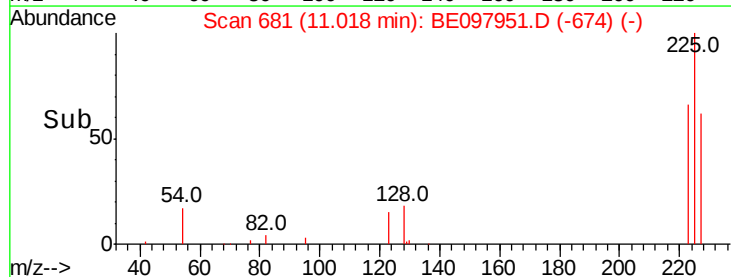
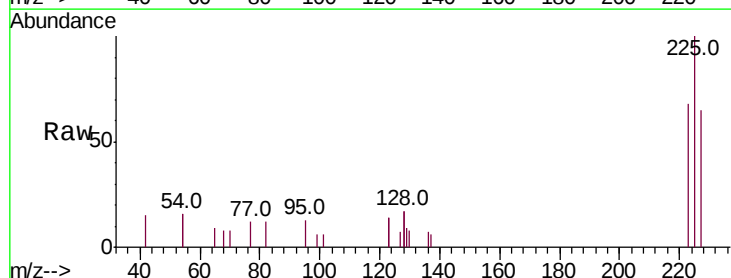
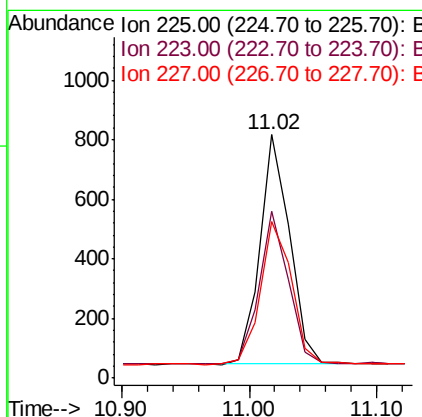
RT: 11.02 min Scan# 681

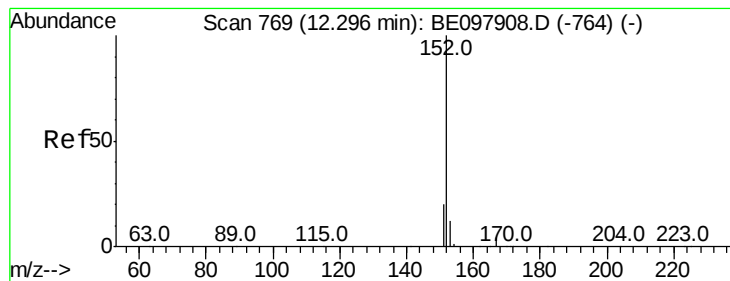
Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	225	Resp:	1236
Ion Ratio	Lower	Upper	
225	100		
223	65.6	51.8	77.8
227	65.9	53.0	79.6





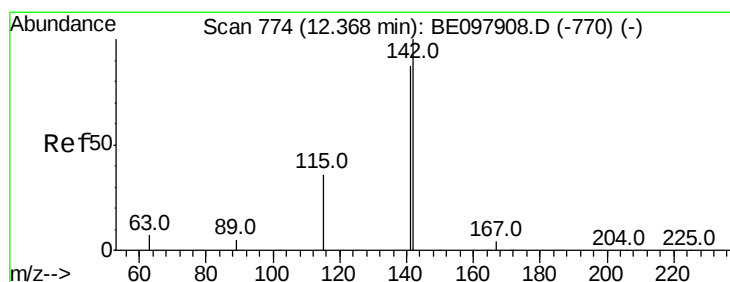
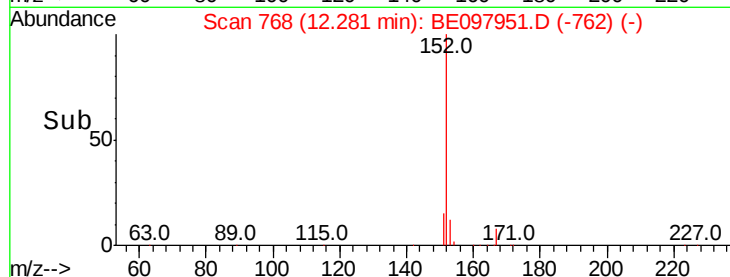
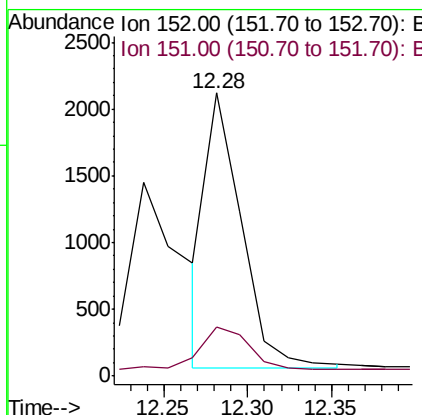
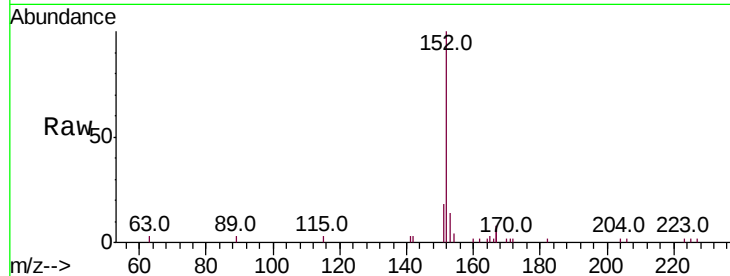
#11
 2-Methylnaphthalene-d10
 Concen: 0.256 ng m
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097951.D
 Acq: 17 Oct 2018 17:38

Instrument :
 BNA_E
 ClientSampleID :
 PB113898BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.2	24.4

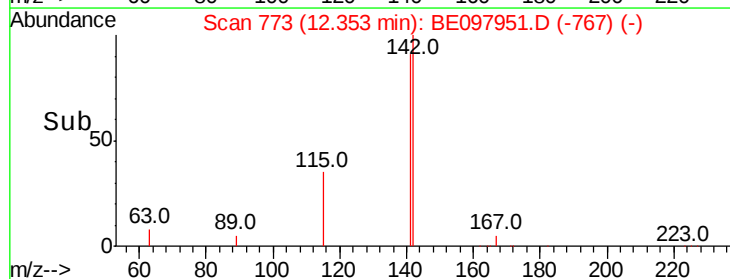
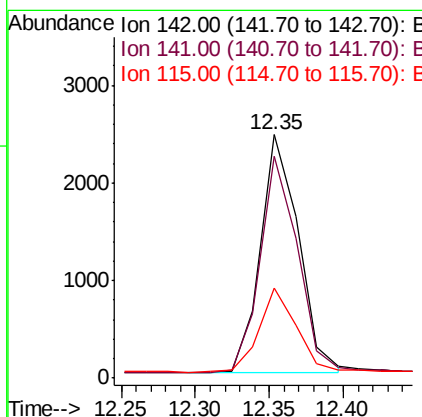
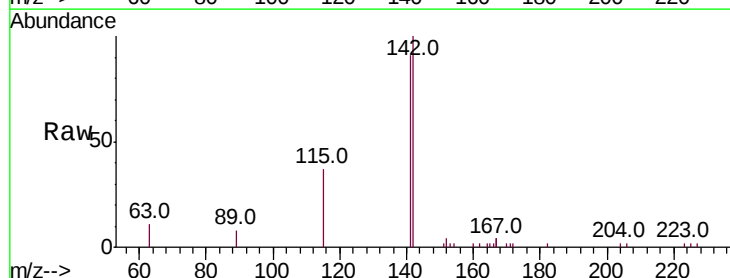
Manual Integrations
 APPROVED

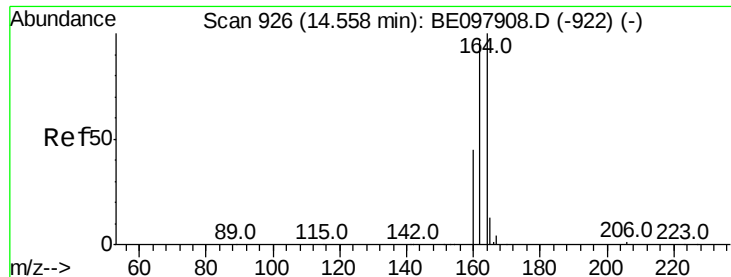
Sohil
 10/18/2018 1:57:43 PM



#12
 2-Methylnaphthalene
 Concen: 0.349 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097951.D
 Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.8	104.6
115	36.8	30.5	45.7





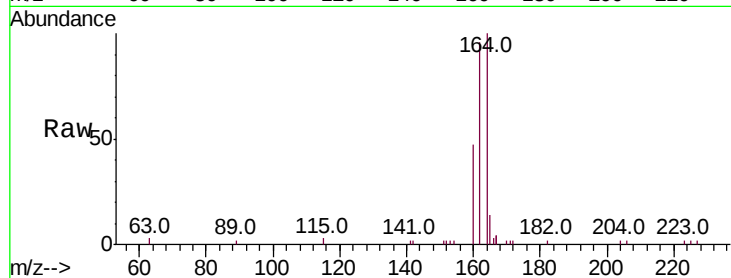
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

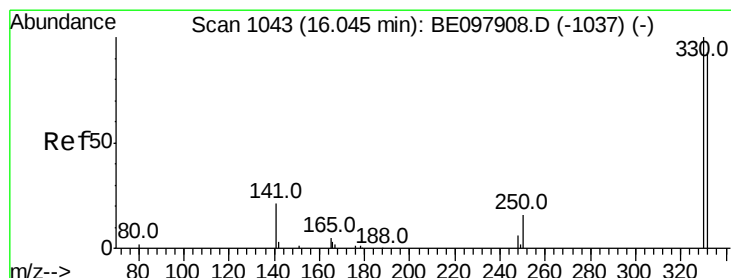
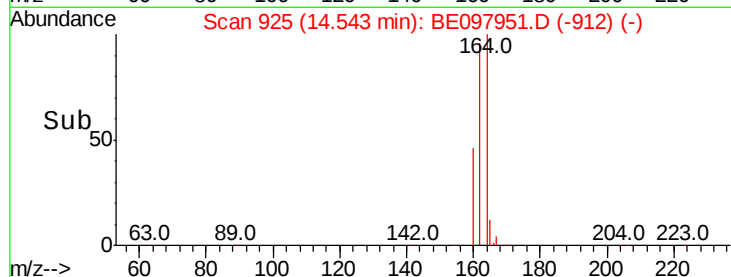
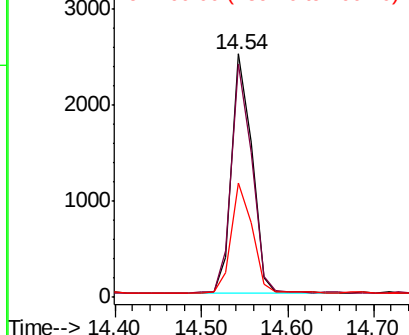
Tot Ion	Ratio	Lower	Upper
164	100		
162	95.7	77.4	116.2
160	46.9	36.5	54.7

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



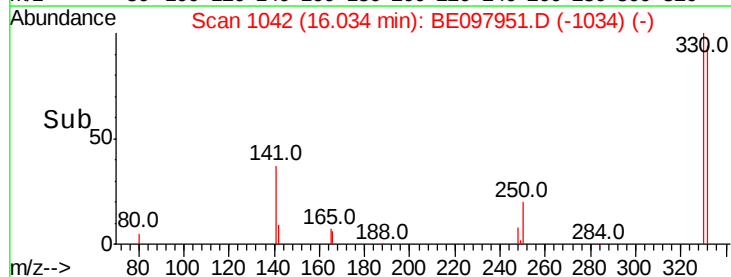
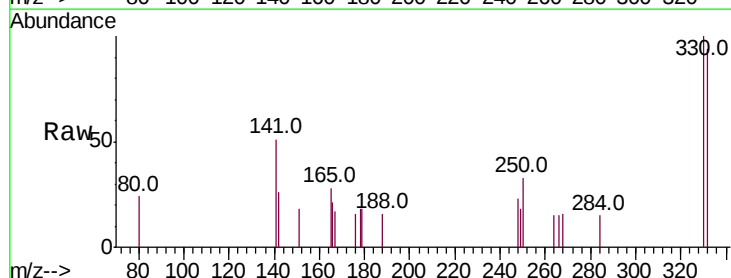
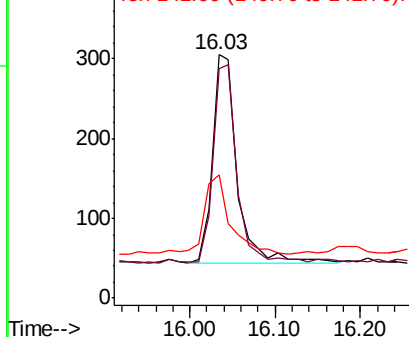
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

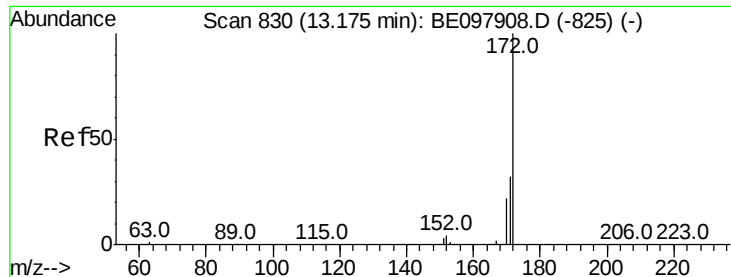


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	88.6	76.5	114.7
141	40.7	31.8	47.6

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





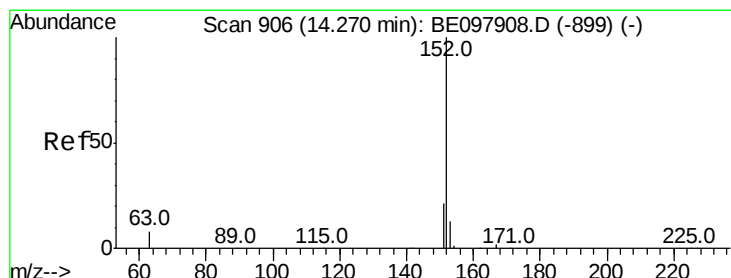
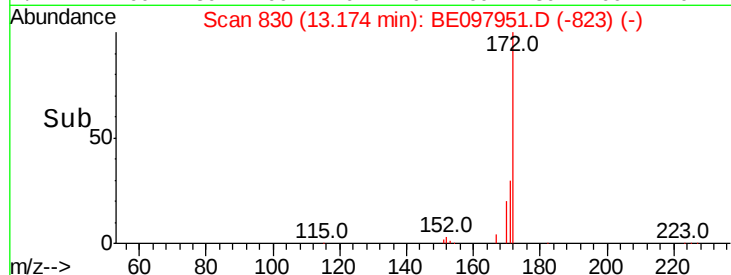
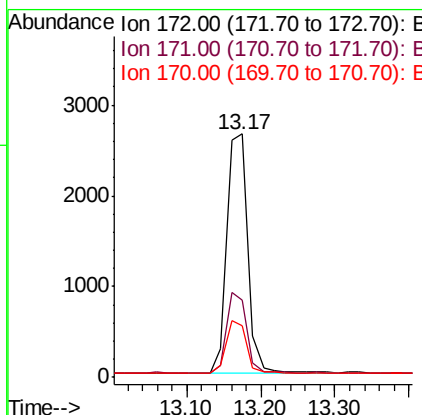
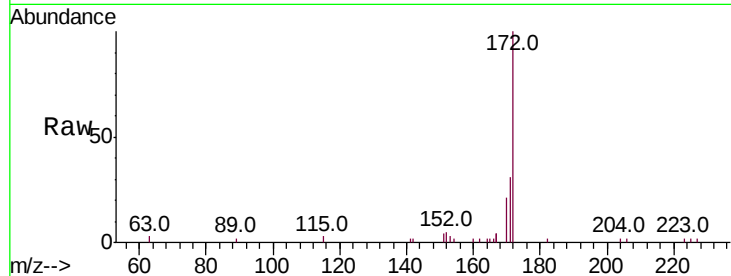
#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.0	39.0
170	21.4	18.0	27.0

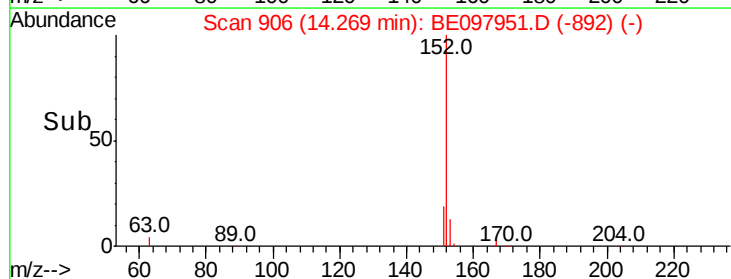
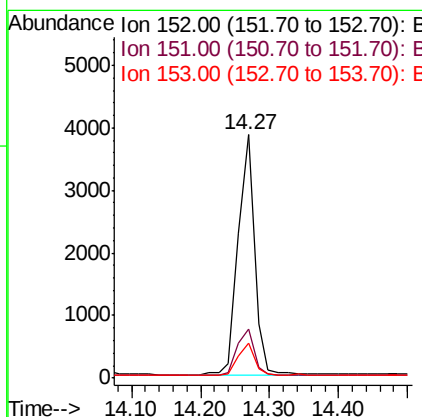
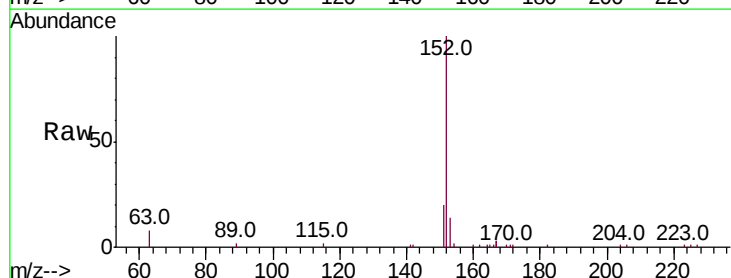
Manual Integrations
APPROVED

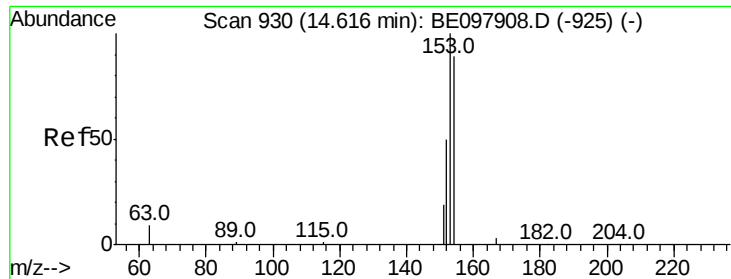
Sohil
10/18/2018 1:57:43 PM



#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.0	10.9	16.3





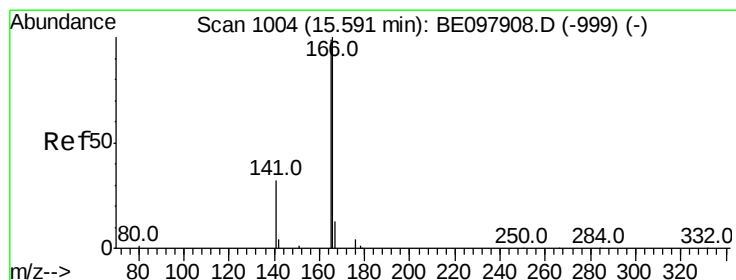
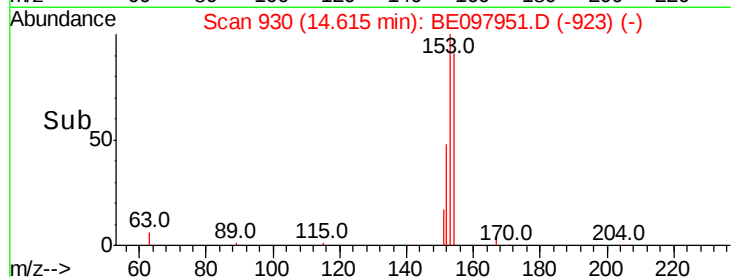
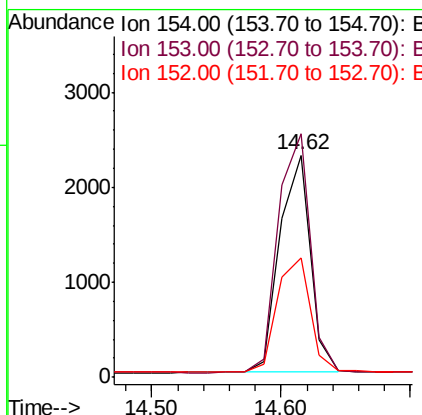
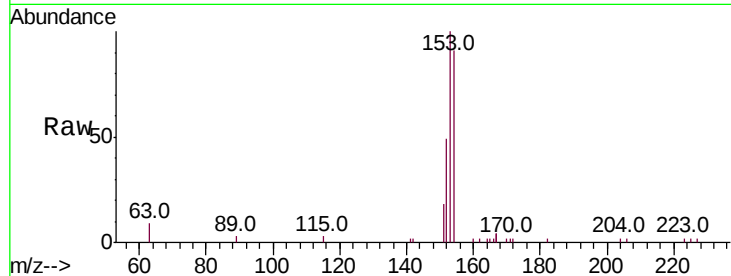
#17
Acenaphthene
Concen: 0.335 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.6	139.0
152	56.5	45.5	68.3

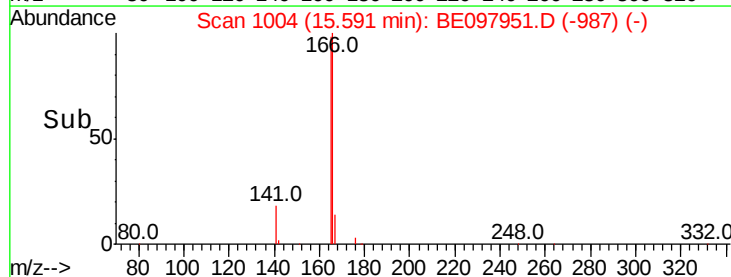
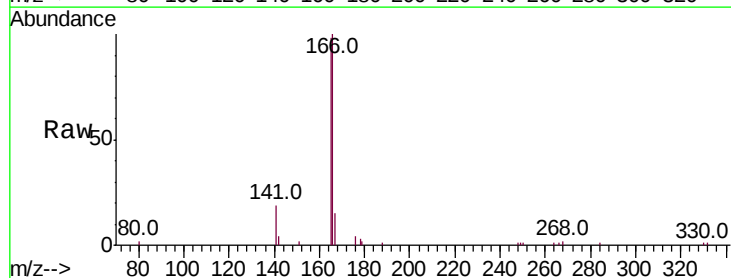
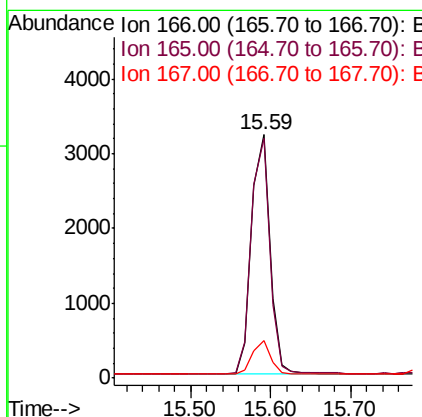
Manual Integrations
APPROVED

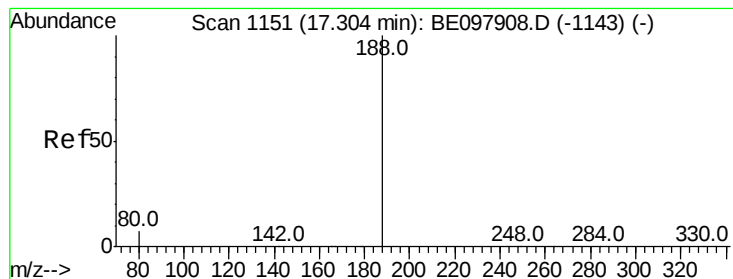
Sohil
10/18/2018 1:57:43 PM



#18
Fluorene
Concen: 0.334 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.6	11.0	16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

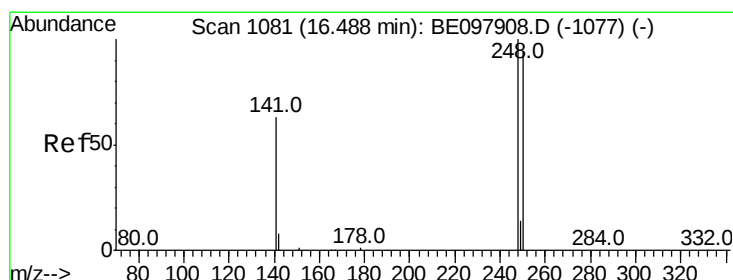
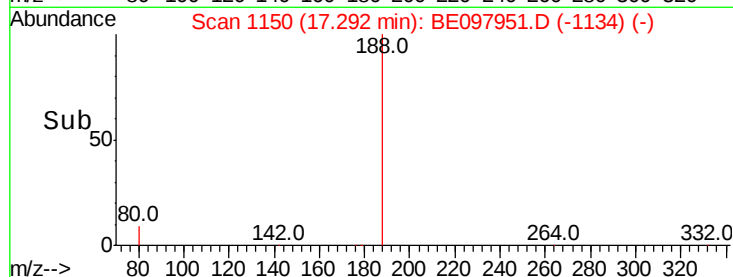
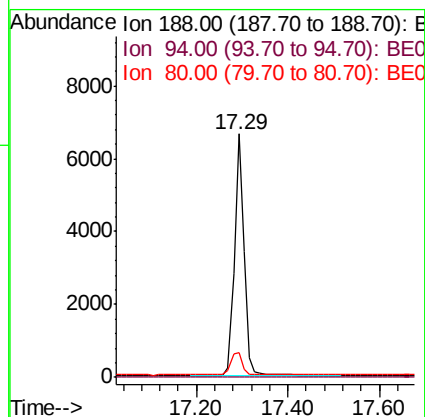
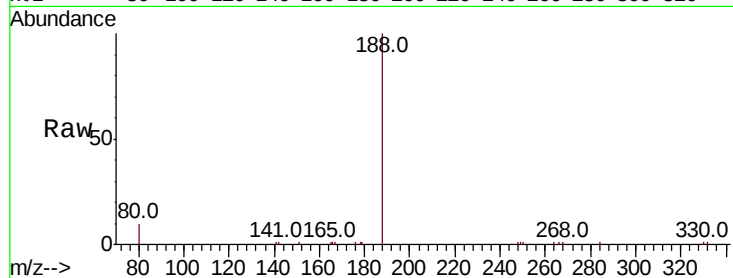
ClientSampleId :

PB113898BS

Tot Ion:	188	Resp:	9817
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.4	6.3	9.5#

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#20

4-Bromophenyl-phenylether

Concen: 0.321 ng

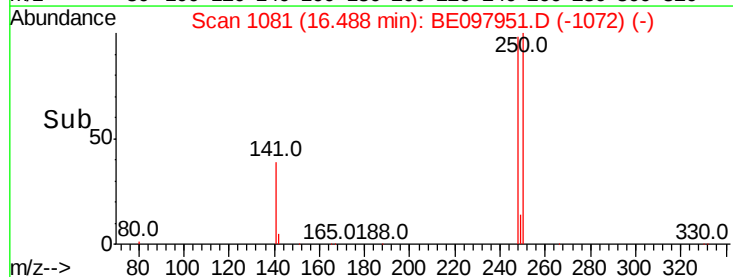
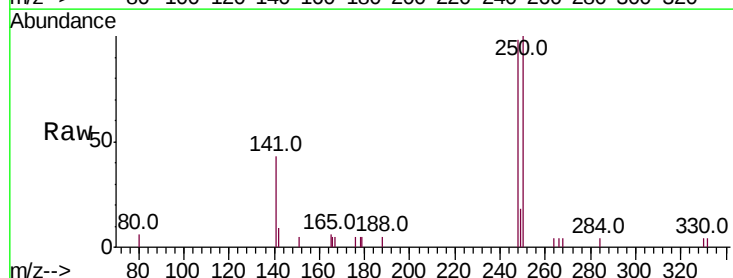
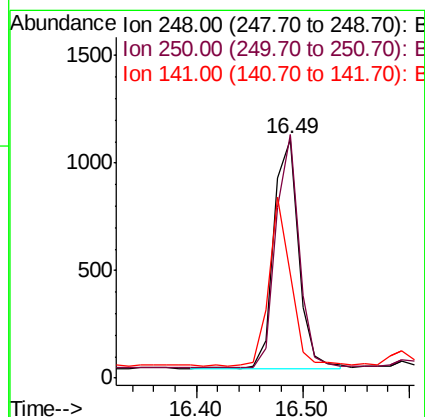
RT: 16.49 min Scan# 1081

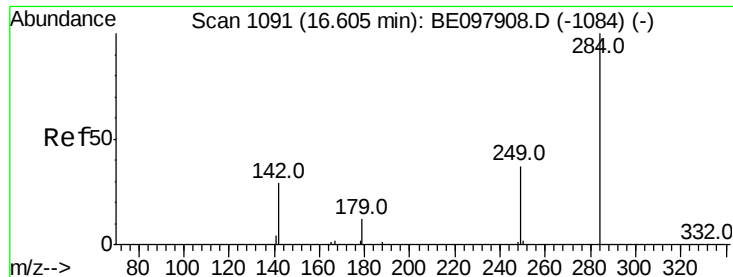
Delta R.T. 0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	248	Resp:	1723
Ion Ratio	Lower	Upper	
248	100		
250	102.1	75.1	112.7
141	43.7	51.8	77.8#





#21

Hexachlorobenzene

Concen: 0.329 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

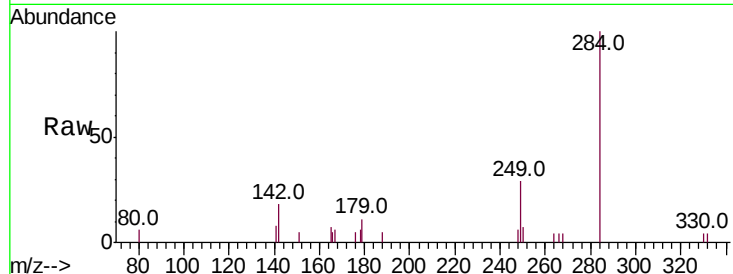
ClientSampleId :

PB113898BS

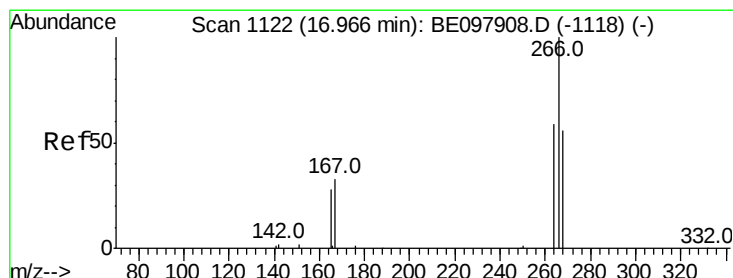
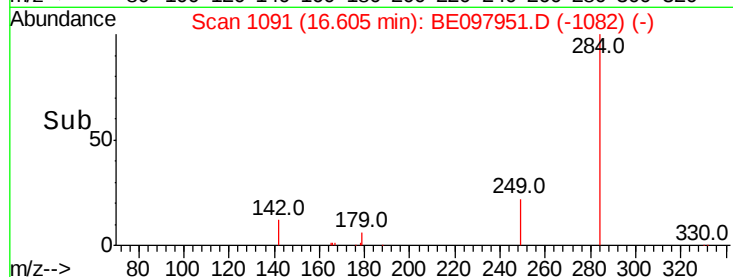
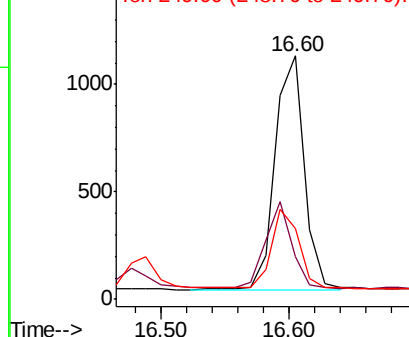
Tot Ion:	284	Resp:	1734
Ion Ratio	Lower	Upper	
284	100		
142	33.2	25.9	38.9
249	31.8	26.6	40.0

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



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



#22

Pentachlorophenol

Concen: 0.487 ng

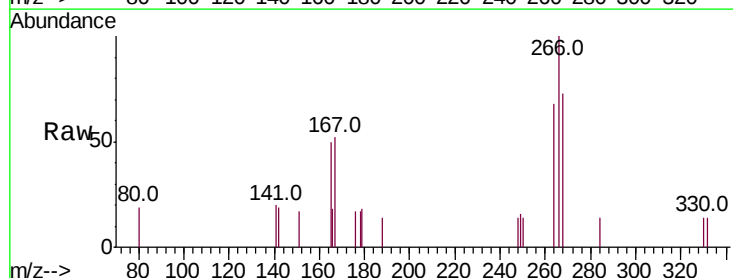
RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

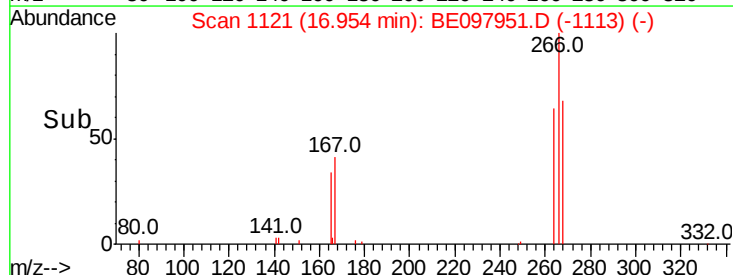
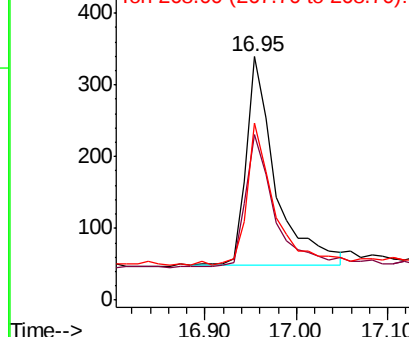
Lab File: BE097951.D

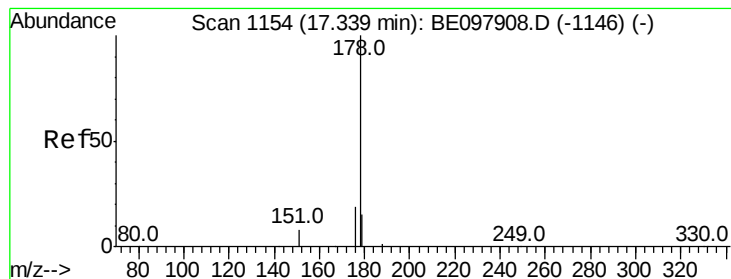
Acq: 17 Oct 2018 17:38

Tgt Ion:	266	Resp:	643
Ion Ratio	Lower	Upper	
266	100		
264	68.1	51.3	76.9
268	72.9	50.1	75.1



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.335 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

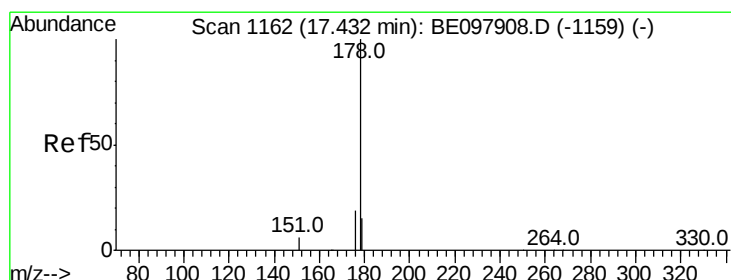
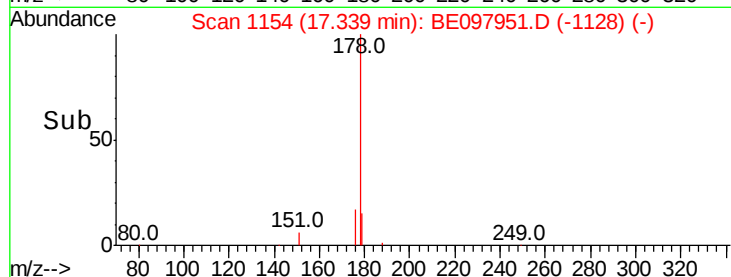
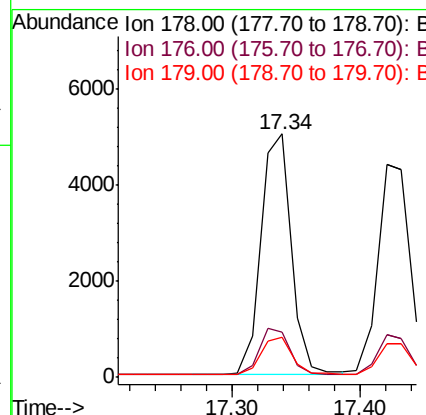
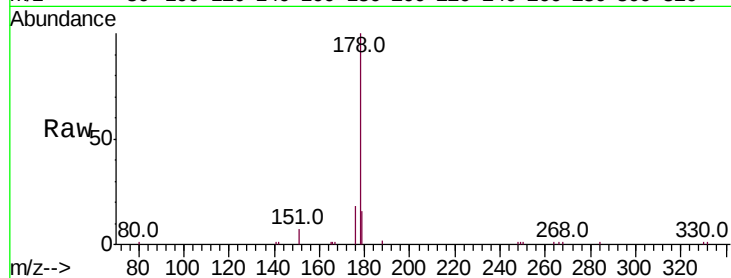
ClientSampleId :

PB113898BS

Tot Ion:	178	Resp:	8351
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.5	23.3
179	15.5	12.2	18.4

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#24

Anthracene

Concen: 0.329 ng

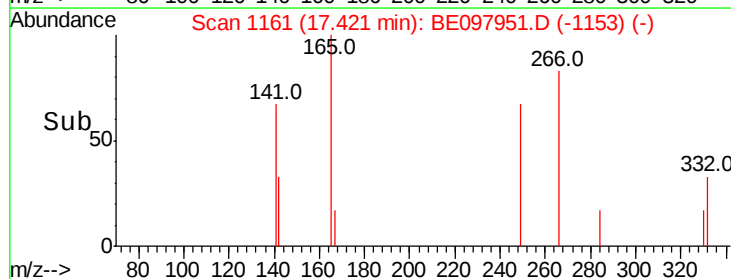
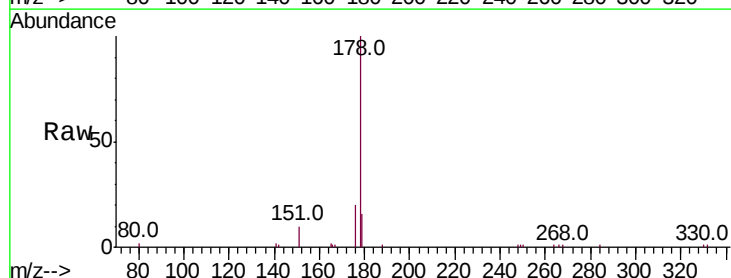
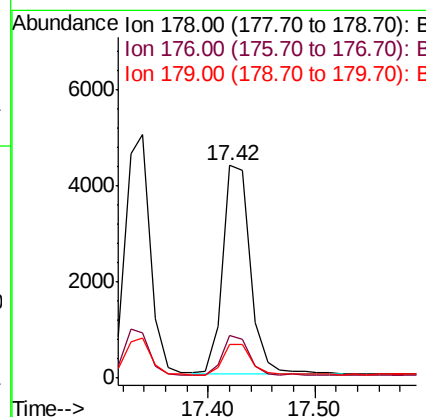
RT: 17.42 min Scan# 1161

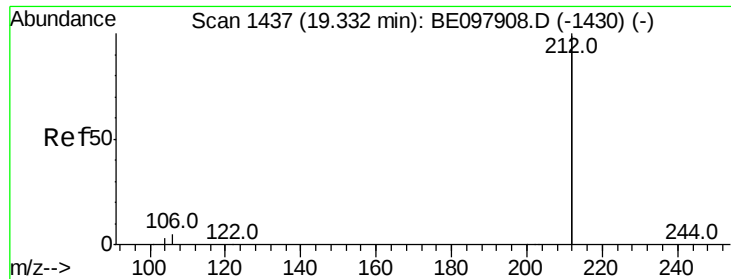
Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	178	Resp:	7758
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.9	22.3
179	15.0	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

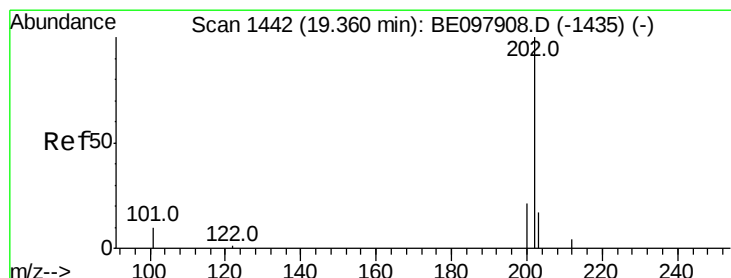
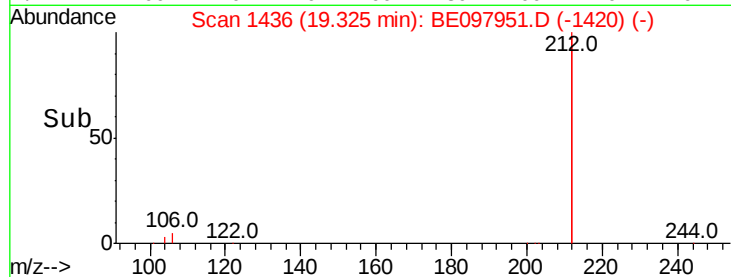
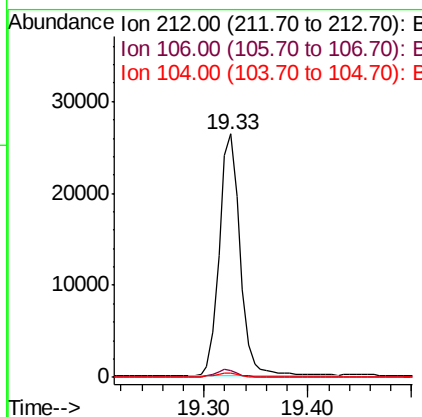
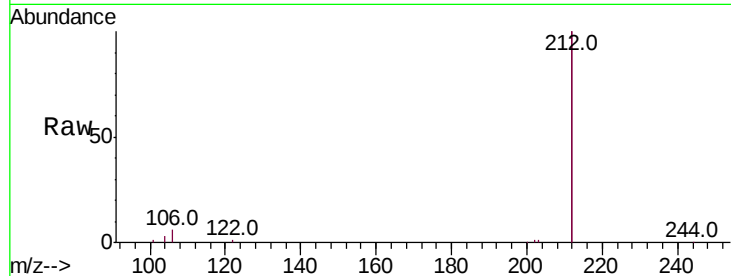
ClientSampleId :

PB113898BS

Tot Ion:	212	Resp:	36341
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#26

Fluoranthene

Concen: 0.315 ng

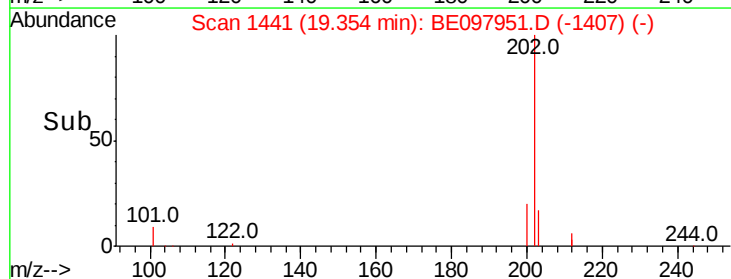
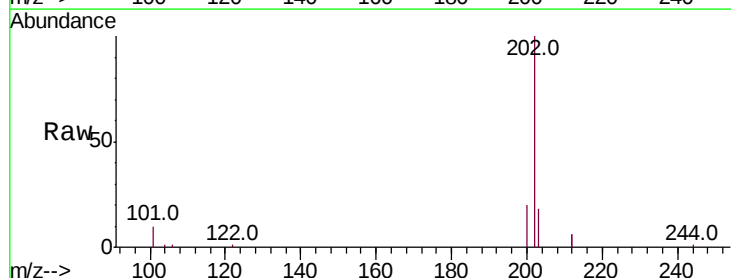
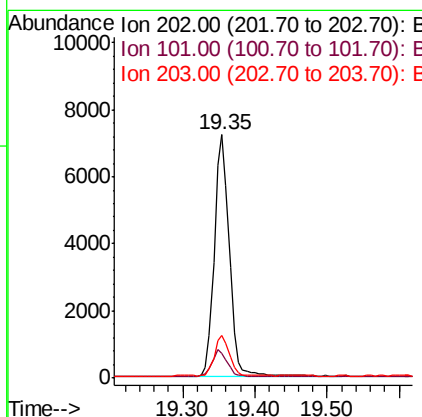
RT: 19.35 min Scan# 1441

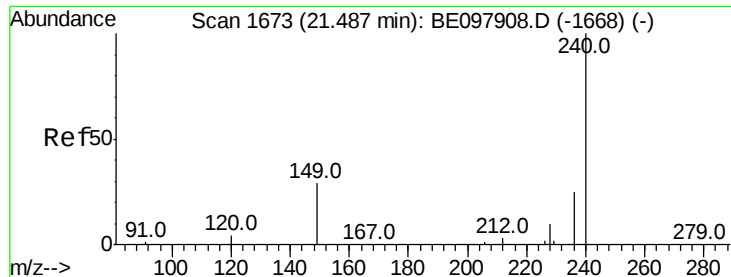
Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	202	Resp:	10316
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.2	12.2
203	17.1	15.0	22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

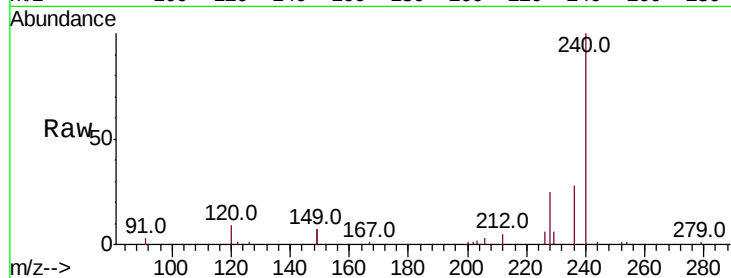
ClientSampleId :

PB113898BS

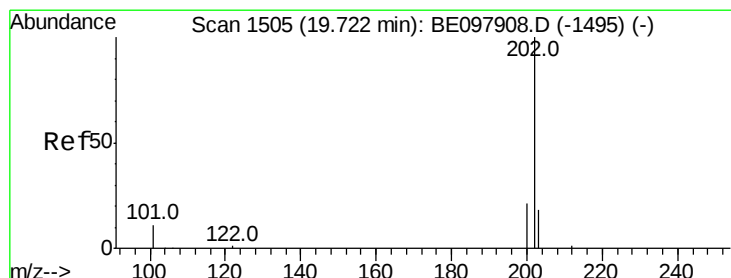
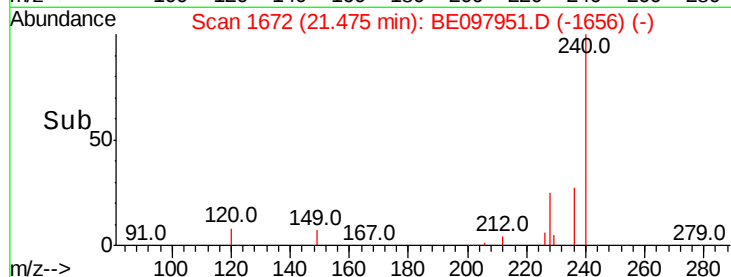
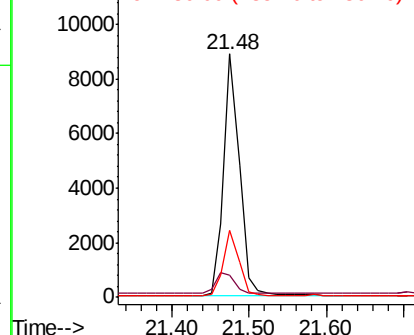
Tot Ion:	240	Resp:	12750
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.1	10.7
236	27.5	21.3	31.9

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



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



#28

Pyrene

Concen: 0.286 ng

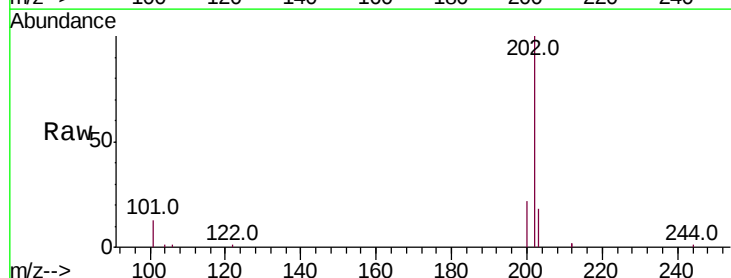
RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

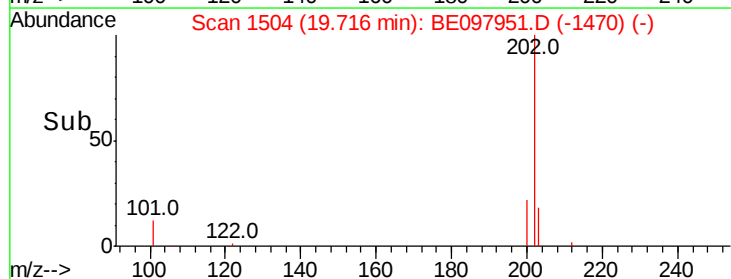
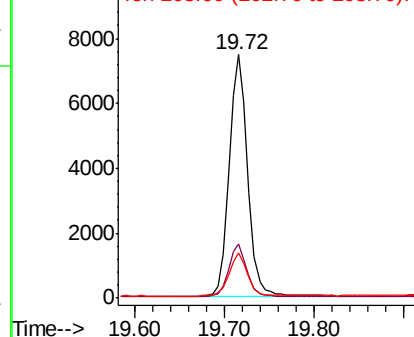
Lab File: BE097951.D

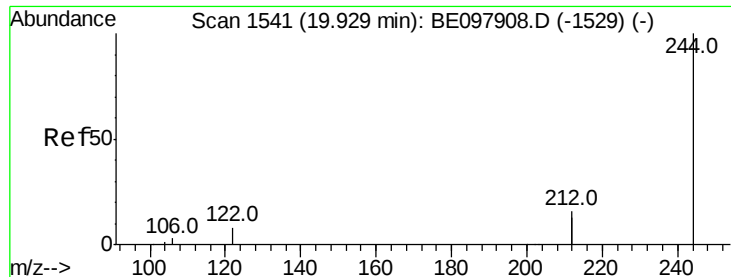
Acq: 17 Oct 2018 17:38

Tgt Ion:	202	Resp:	10525
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	18.1	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

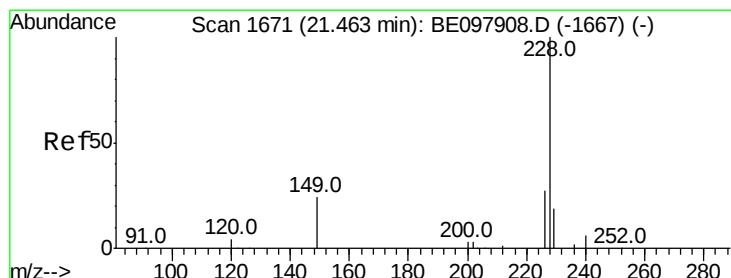
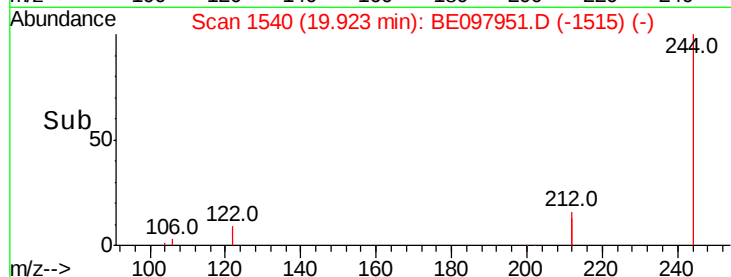
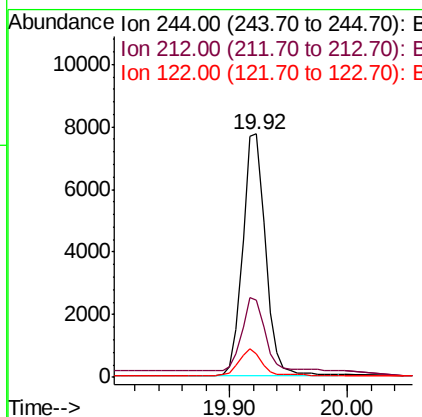
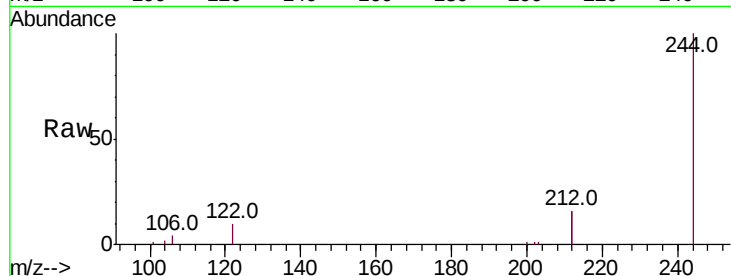
ClientSampled :

PB113898BS

Tot Ion:	244	Resp:	10361
Ion Ratio	Lower	Upper	
244	100		
212	31.5	26.2	39.2
122	9.5	7.7	11.5

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#30

Benzo(a)anthracene

Concen: 0.334 ng

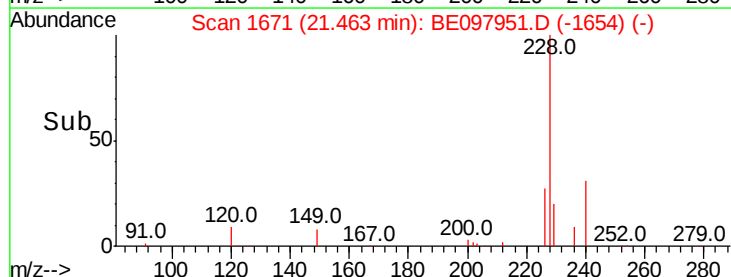
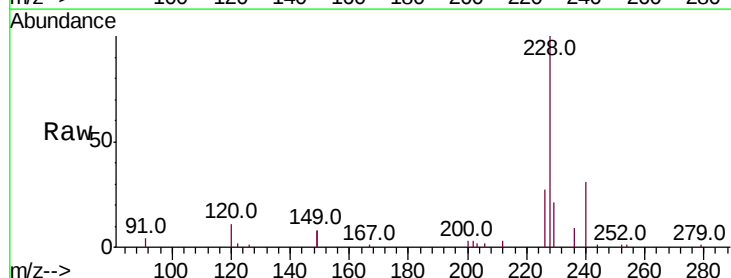
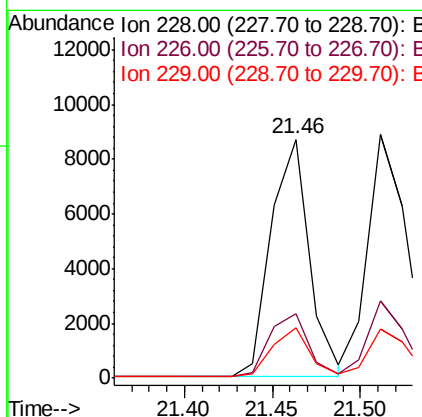
RT: 21.46 min Scan# 1671

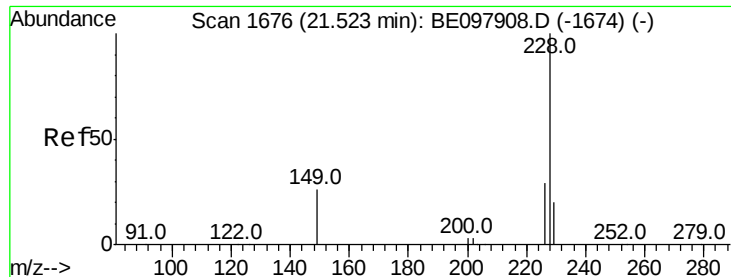
Delta R.T. 0.00 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	228	Resp:	13067
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	33.8
229	21.0	16.9	25.3





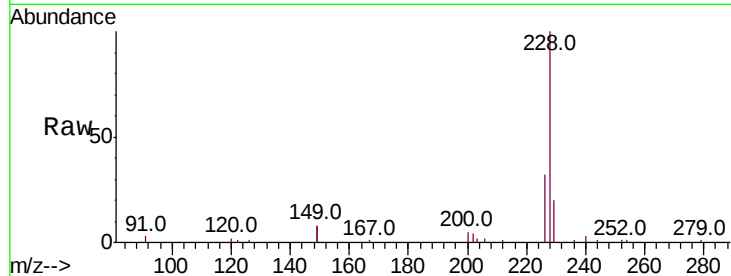
#31
Chrysene
Concen: 0.355 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	19.9	17.3	25.9

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM

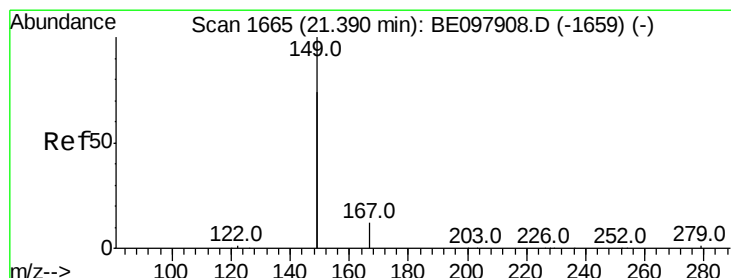
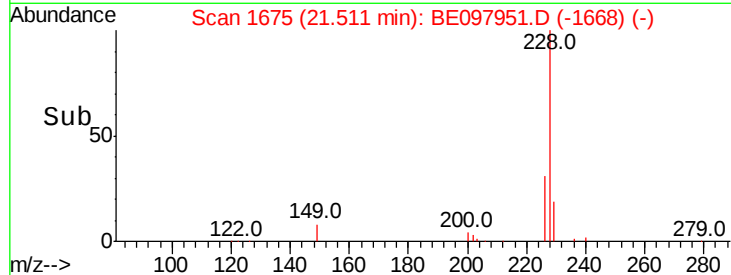
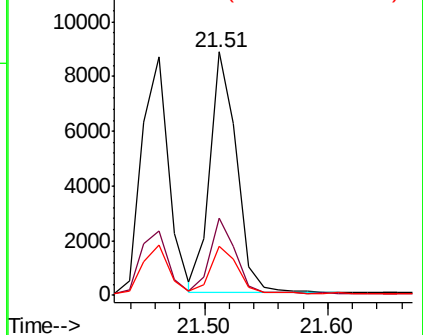


Abundance

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



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.39 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

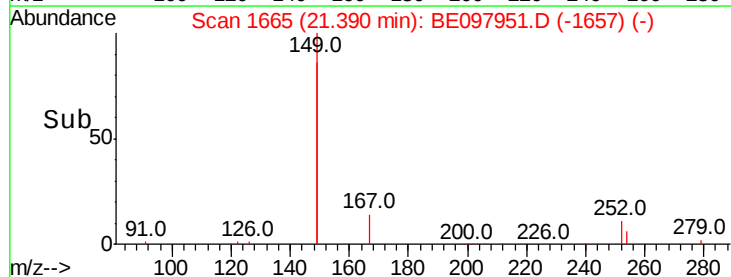
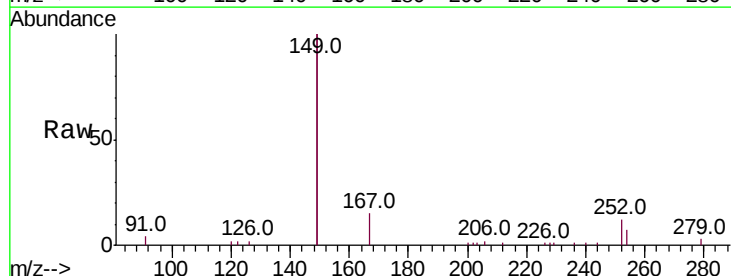
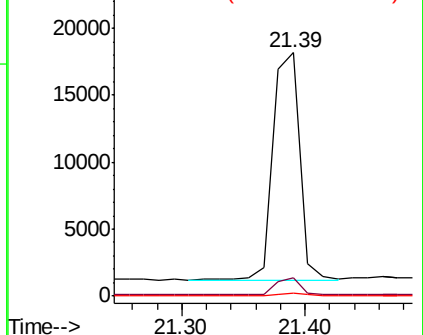
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.0	0.9	1.3

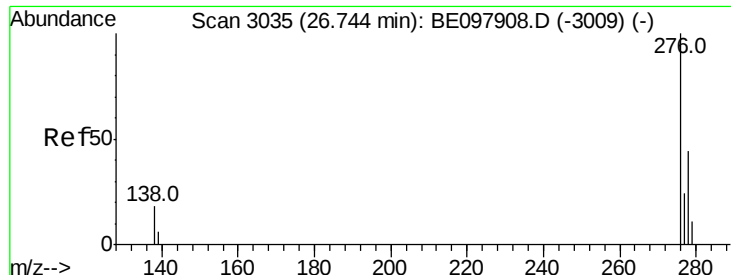
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.476 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.02 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

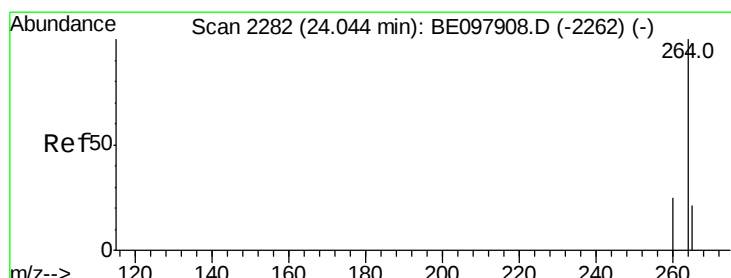
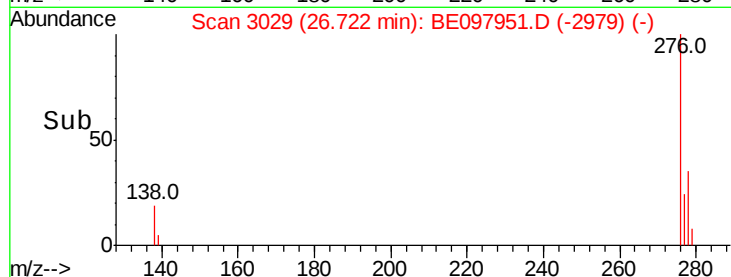
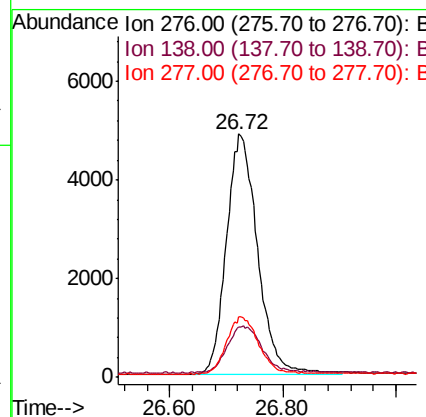
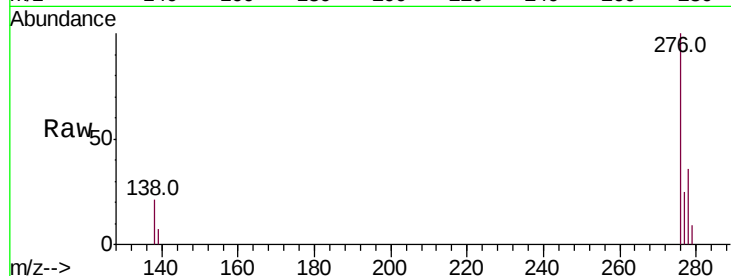
ClientSampleId :

PB113898BS

Tot Ion:	276	Resp:	18561
Ion Ratio	Lower	Upper	
276	100		
138	21.2	17.0	25.6
277	24.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



#34

Perylene-d12

Concen: 0.400 ng

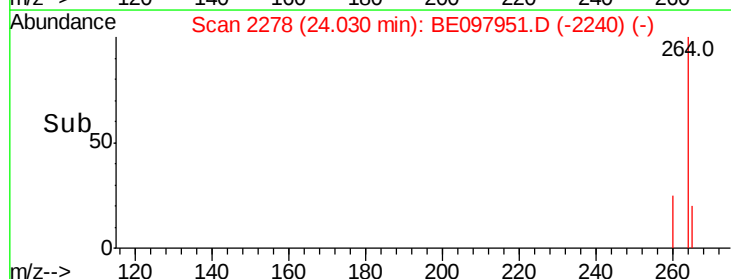
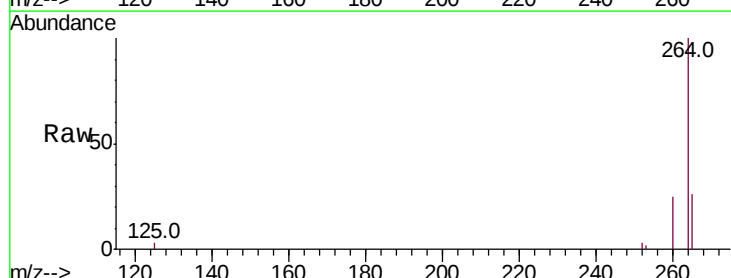
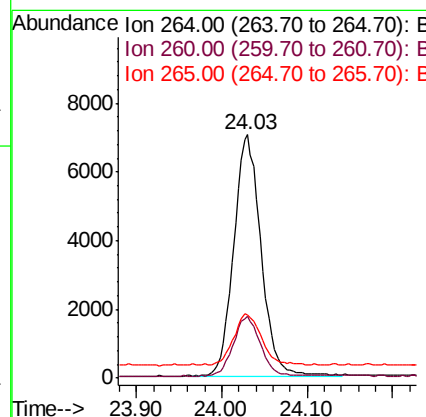
RT: 24.03 min Scan# 2278

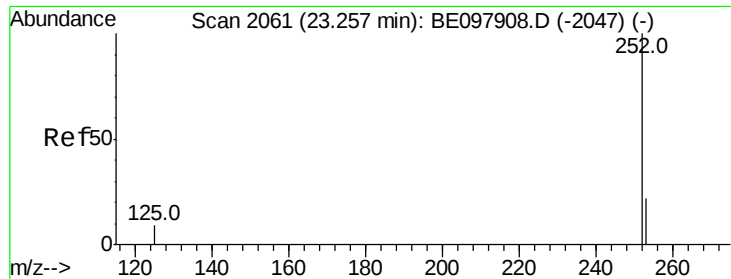
Delta R.T. -0.01 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Tgt Ion:	264	Resp:	15507
Ion Ratio	Lower	Upper	
264	100		
260	25.4	21.1	31.7
265	25.8	29.2	43.8#





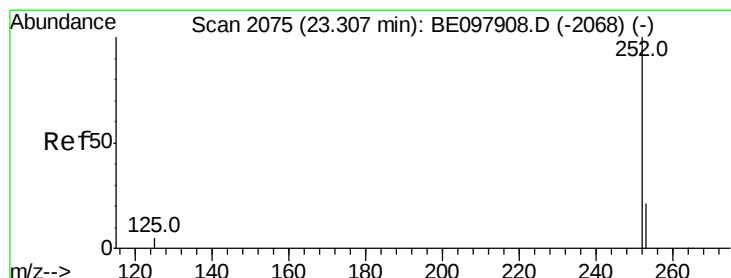
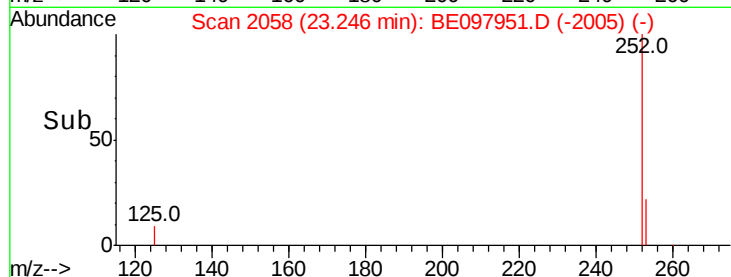
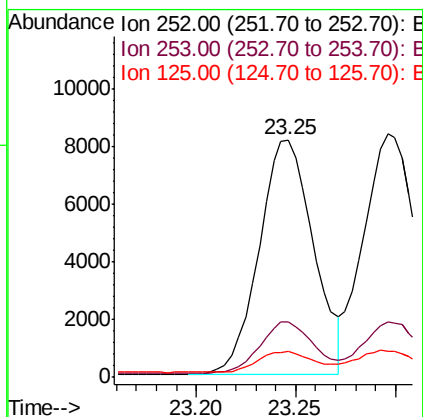
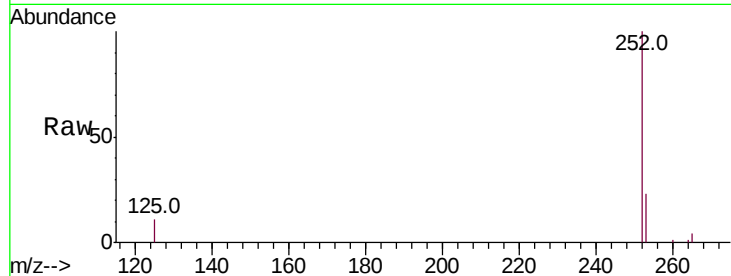
#35
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.6	31.0
125	10.8	14.3	21.5

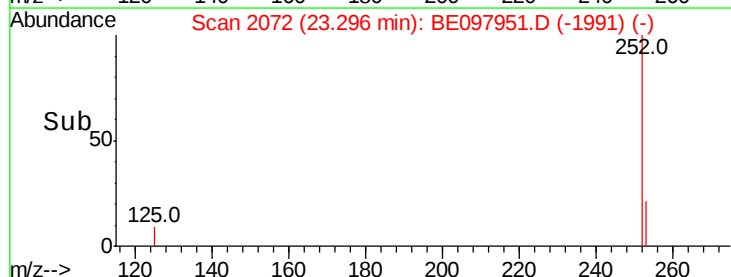
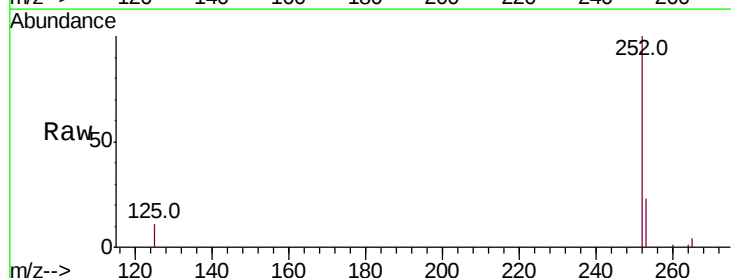
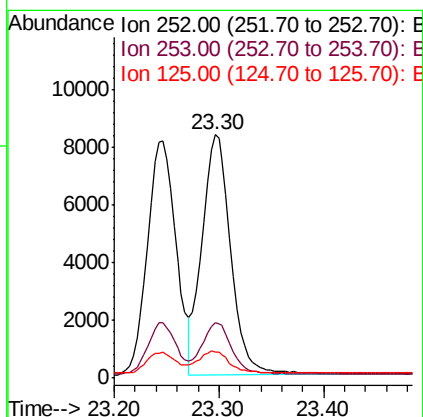
Manual Integrations
APPROVED

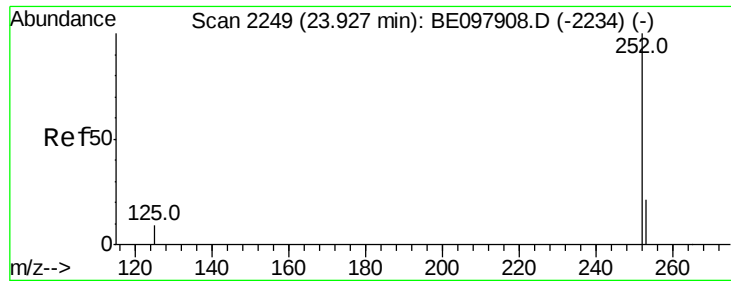
Sohil
10/18/2018 1:57:43 PM



#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.4	30.6
125	10.7	14.6	21.8





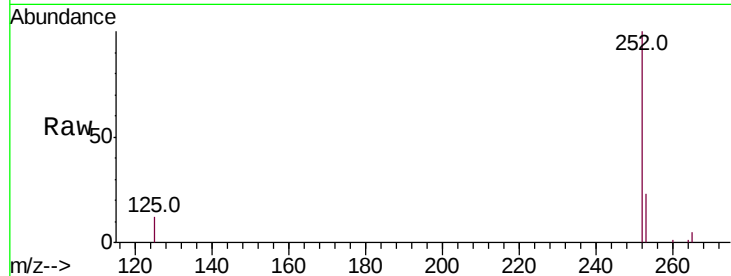
#37
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :
PB113898BS

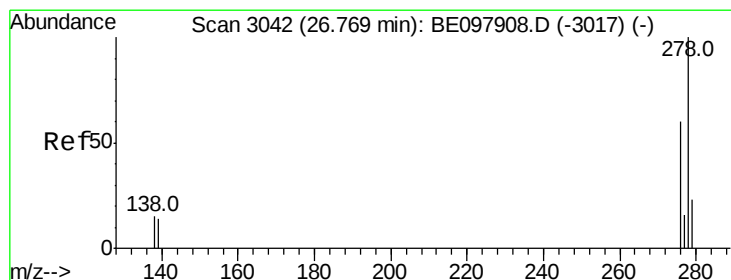
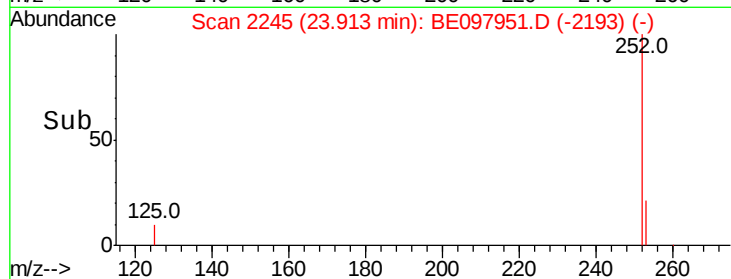
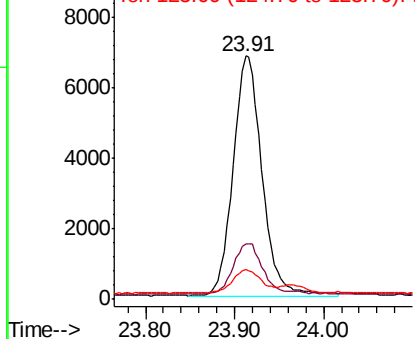
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.6	31.0
125	12.2	15.6	23.4

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



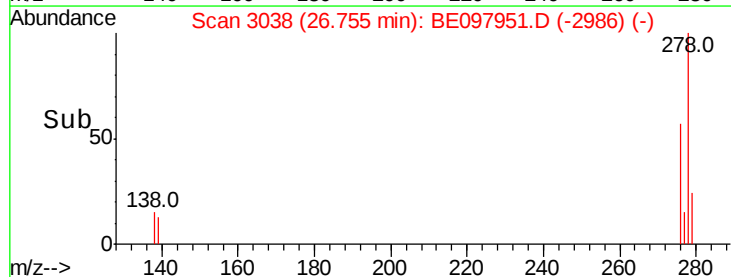
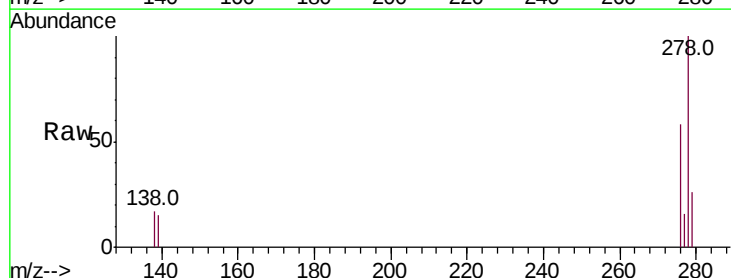
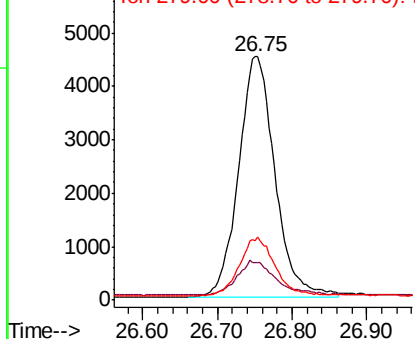
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

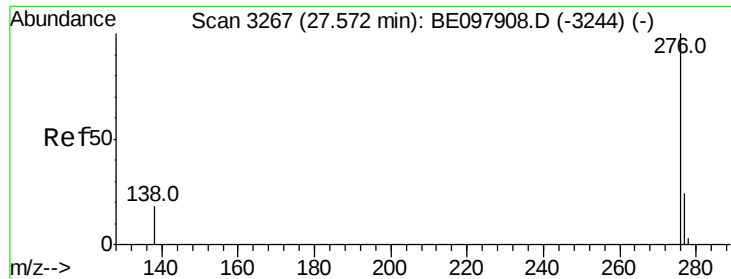


#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.75 min Scan# 3038
Delta R.T. -0.01 min
Lab File: BE097951.D
Acq: 17 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	16.3	24.5
279	25.7	21.4	32.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.361 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.02 min

Lab File: BE097951.D

Acq: 17 Oct 2018 17:38

Instrument :

BNA_E

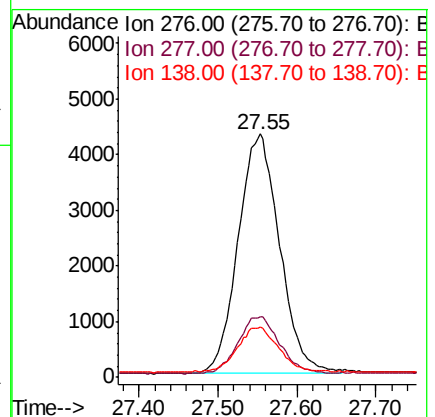
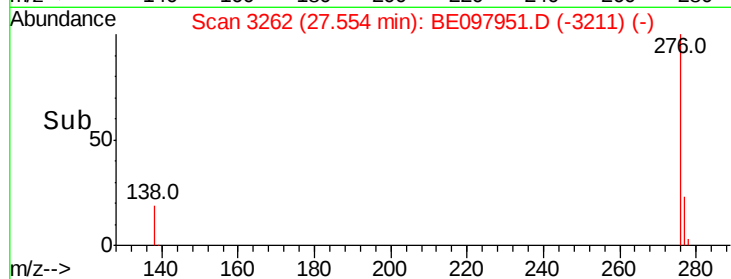
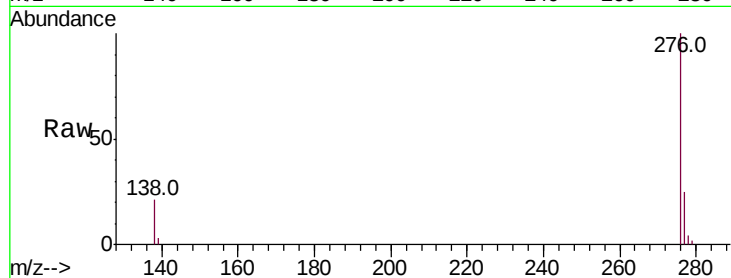
ClientSampleId :

PB113898BS

Tot Ion:	276	Resp:	15731
Ion Ratio	Lower	Upper	
276	100		
277	24.8	22.1	33.1
138	20.8	19.3	28.9

Manual Integrations
APPROVED

Sohil
10/18/2018 1:57:43 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097951.D
 Acq On : 17 Oct 2018 17:38
 Operator : SJ/JU
 Sample : PB113898BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113898BS

Manual Integrations
 APPROVED

Sohil
 10/18/2018 1:57:43 PM

Quant Time: Oct 18 10:42:01 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 16 15:36:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1842	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	7272	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4003	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	9817	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	12750	0.40	ng	-0.01
34) Perylene-d12	24.03	264	15507	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.47	112	1896	0.33	ng	0.00
5) Phenol-d6	7.06	99	2523	0.29	ng	0.00
8) Nitrobenzene-d5	9.03	82	2090	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	3098m	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	528	0.25	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	5231	0.32	ng	0.00
25) Fluoranthene-d10	19.33	212	36341	0.27	ng	0.00
29) Terphenyl-d14	19.92	244	10361	0.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	782	0.243	ng	93
3) n-Nitrosodimethylamine	3.69	42	1197	0.334	ng	# 95
6) bis(2-Chloroethyl)ether	7.30	93	2086	0.286	ng	92
9) Naphthalene	10.73	128	25962	0.359	ng	100
10) Hexachlorobutadiene	11.02	225	1236	0.317	ng	99
12) 2-Methylnaphthalene	12.35	142	4335	0.349	ng	97
16) Acenaphthylene	14.27	152	6371	0.344	ng	99
17) Acenaphthene	14.62	154	3788	0.335	ng	99
18) Fluorene	15.59	166	5195	0.334	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	1723	0.321	ng	# 84
21) Hexachlorobenzene	16.60	284	1734	0.329	ng	98
22) Pentachlorophenol	16.95	266	643	0.487	ng	91
23) Phenanthrene	17.34	178	8351	0.335	ng	100
24) Anthracene	17.42	178	7758	0.329	ng	100
26) Fluoranthene	19.35	202	10316	0.315	ng	97
28) Pyrene	19.72	202	10525	0.286	ng	100
30) Benzo(a)anthracene	21.46	228	13067	0.334	ng	99
31) Chrysene	21.51	228	13144	0.355	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	25880	0.239	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	18561	0.476	ng	99
35) Benzo(b)fluoranthene	23.25	252	15362	0.344	ng	# 90
36) Benzo(k)fluoranthene	23.30	252	15972	0.343	ng	# 90
37) Benzo(a)pyrene	23.91	252	15401	0.354	ng	# 90
38) Dibenzo(a,h)anthracene	26.75	278	15223	0.357	ng	# 94
39) Benzo(g,h,i)perylene	27.55	276	15731	0.361	ng	94

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