

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097569.D
 Acq On : 20 Sep 2018 9:37
 Operator : SJ/JU
 Sample : PB112778BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112778BS

Manual Integrations
 APPROVED

Sohil
 9/20/2018 3:35:06 PM

Quant Time: Sep 20 11:03:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1184	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4944	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2353	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5375	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7596	0.40	ng	0.00
34) Perylene-d12	23.21	264	7915	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1412	0.40	ng	0.01
5) Phenol-d6	6.61	99	1794m	0.40	ng	0.00
8) Nitrobenzene-d5	8.53	82	1499	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	3727	0.55	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	273	0.33	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3895	0.47	ng	0.00
25) Fluoranthene-d10	18.80	212	26434	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	4834	0.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	670	0.324	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	632	0.369	ng	# 84
6) bis(2-Chloroethyl)ether	6.83	93	1336	0.318	ng	85
9) Naphthalene	10.17	128	18267	0.410	ng	100
10) Hexachlorobutadiene	10.46	225	763	0.372	ng	98
12) 2-Methylnaphthalene	11.80	142	2746	0.395	ng	100
16) Acenaphthylene	13.72	152	3671	0.395	ng	100
17) Acenaphthene	14.06	154	2480	0.398	ng	97
18) Fluorene	15.06	166	3106	0.382	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	945	0.390	ng	# 79
21) Hexachlorobenzene	16.07	284	1114	0.418	ng	# 85
22) Pentachlorophenol	16.45	266	488	0.538	ng	# 79
23) Phenanthrene	16.80	178	5160	0.404	ng	98
24) Anthracene	16.89	178	4419	0.392	ng	96
26) Fluoranthene	18.83	202	6383	0.360	ng	98
28) Pyrene	19.20	202	6464	0.374	ng	98
30) Benzo(a)anthracene	20.95	228	7578	0.396	ng	97
31) Chrysene	21.00	228	8199	0.400	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	10482	0.337	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	10615	0.430	ng	# 91
35) Benzo(b)fluoranthene	22.53	252	8443	0.416	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	9398m	0.405	ng	
37) Benzo(a)pyrene	23.11	252	8418	0.427	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8855	0.416	ng	# 94
39) Benzo(g,h,i)perylene	26.21	276	8882	0.429	ng	# 91

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

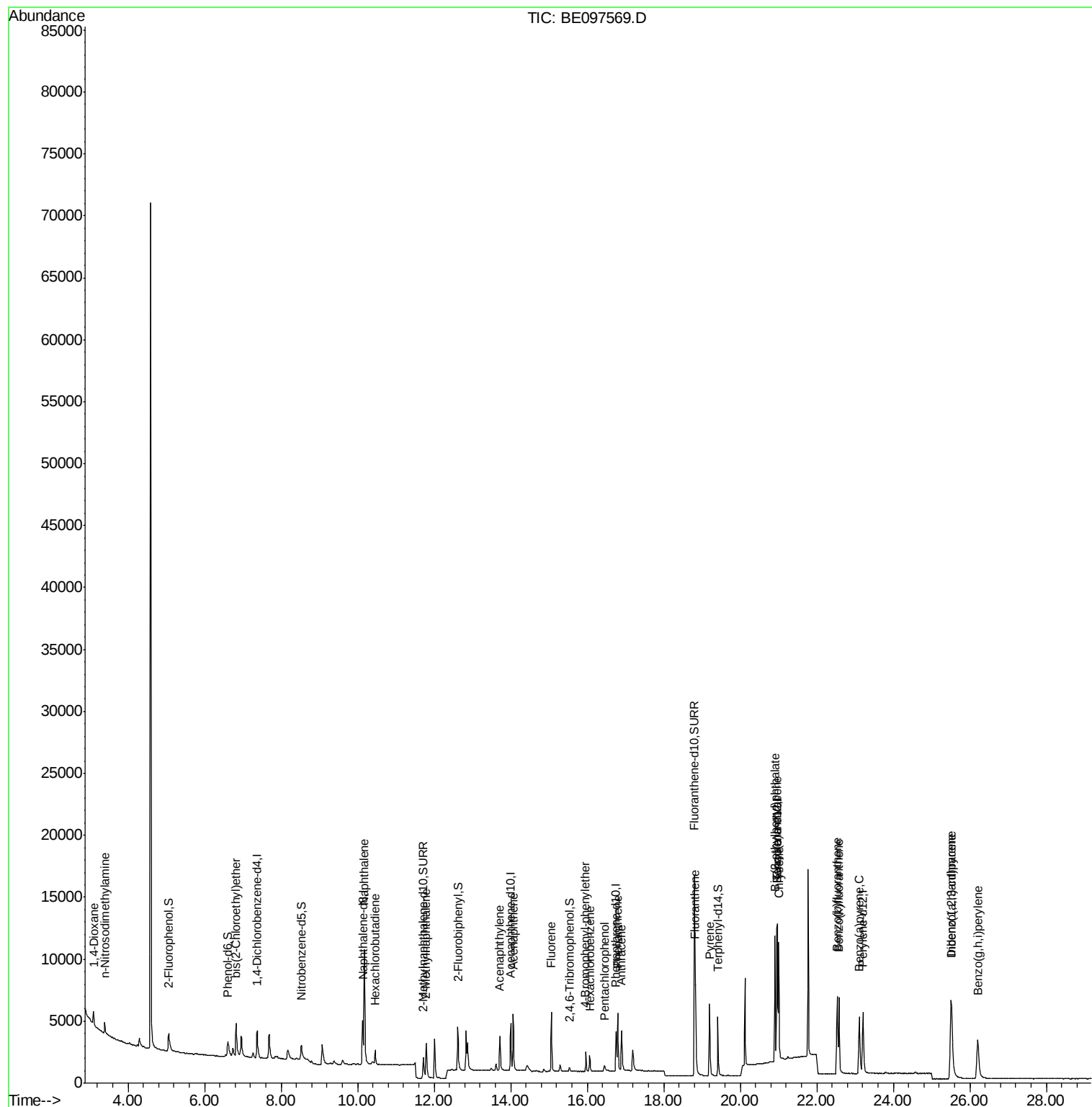
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097569.D
Acq On : 20 Sep 2018 9:37
Operator : SJ/JU
Sample : PB112778BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM

Quant Time: Sep 20 11:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration





#1

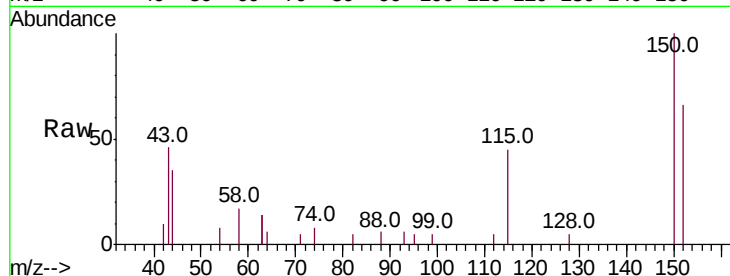
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

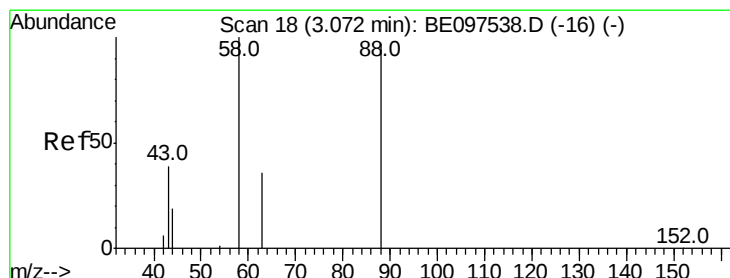
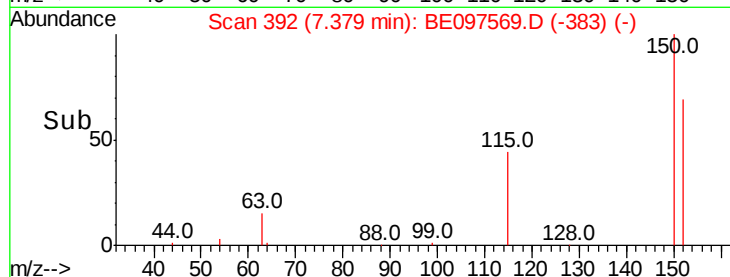
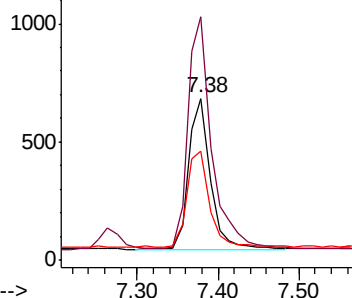
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	117.2	175.8
115	67.1	57.0	85.6

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



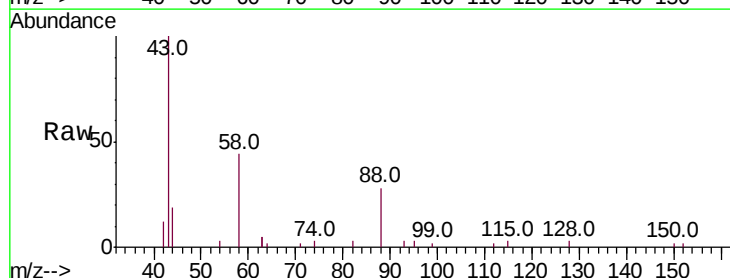
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



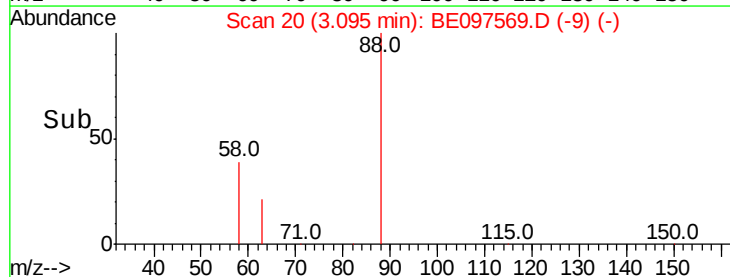
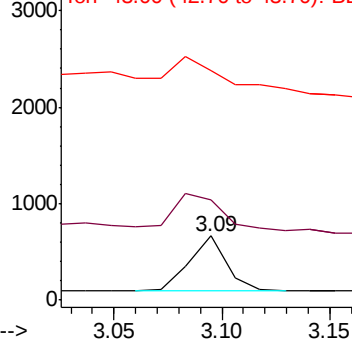
#2

1,4-Dioxane
Concen: 0.324 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.02 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	63.2	94.8
43	62.5	41.2	61.8



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: 0.369 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Instrument :

BNA_E

ClientSampleId :

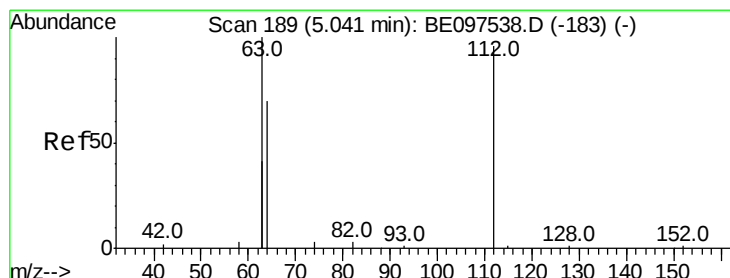
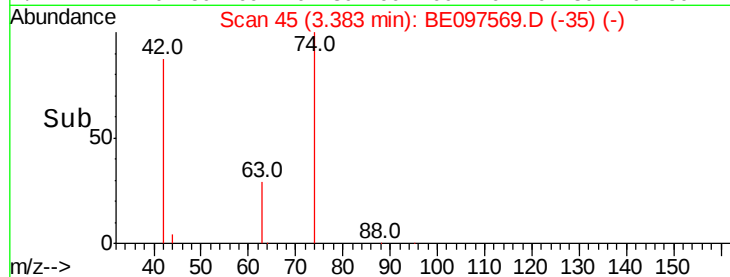
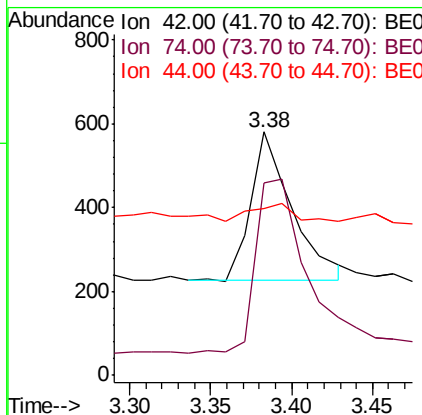
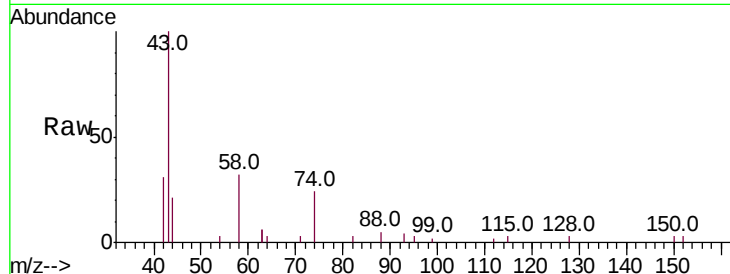
PB112778BS

Tot Ion:	42	Resp:	632
Ion	Ratio	Lower	Upper
42	100		
74	138.9	96.0	144.0
44	11.9	12.0	18.0#

Manual Integrations
APPROVED

Sohil

9/20/2018 3:35:06 PM



#4

2-Fluorophenol

Concen: 0.398 ng

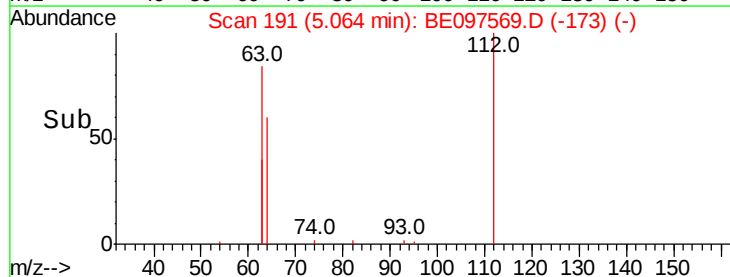
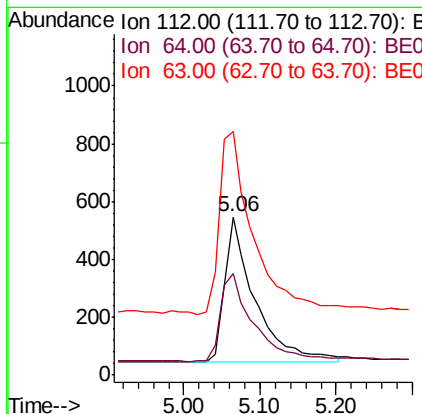
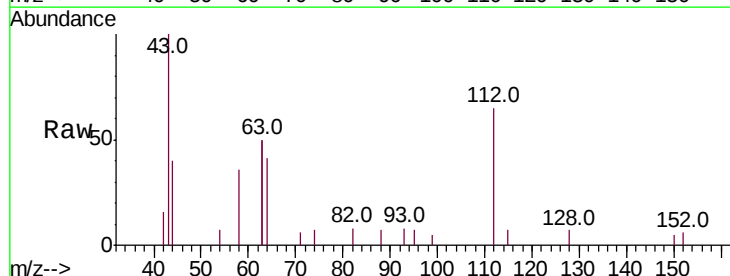
RT: 5.06 min Scan# 191

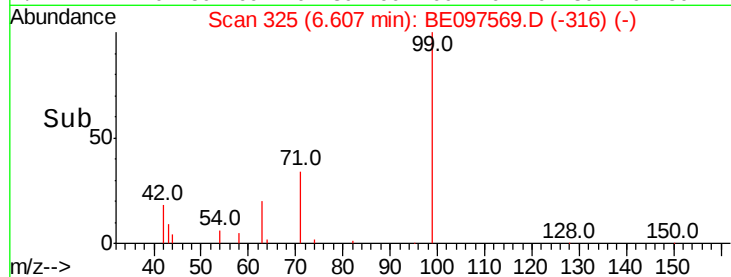
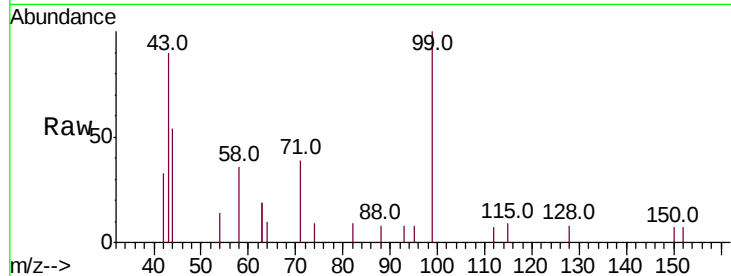
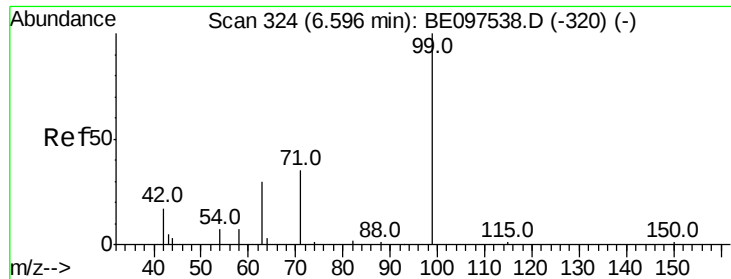
Delta R.T. 0.01 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Tgt Ion:	112	Resp:	1412
Ion	Ratio	Lower	Upper
112	100		
64	65.0	60.1	90.1
63	140.4	116.8	175.2





#5

Phenol-d6

Concen: 0.396 ng/ml

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Tot Ion:	99	Resp:	1794
Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.2	30.2#
71	31.1	28.4	42.6

Instrument :

BNA_E

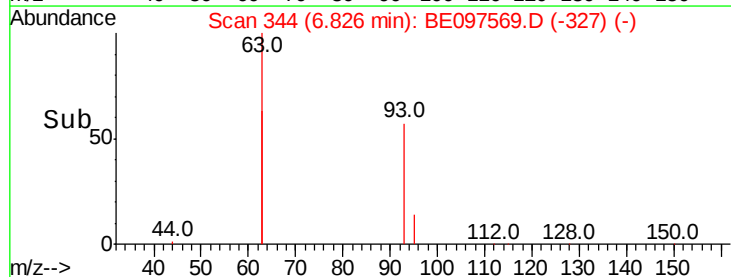
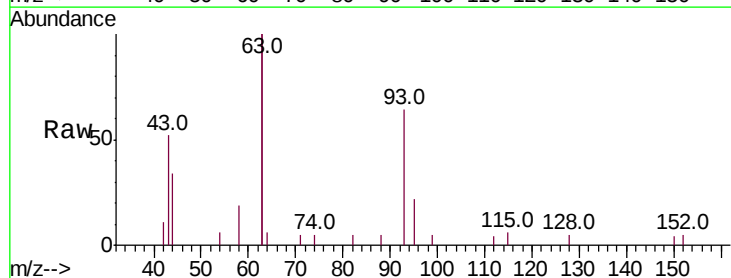
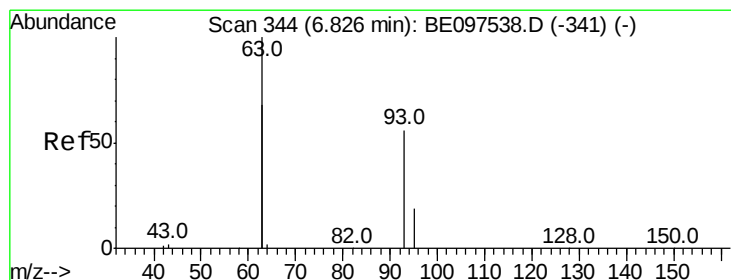
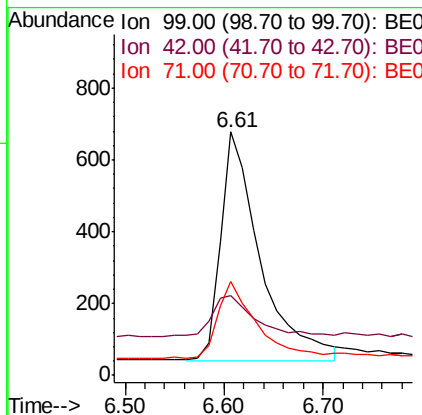
ClientSampleId :

PB112778BS

Manual Integrations
APPROVED

Sohil

9/20/2018 3:35:06 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.318 ng

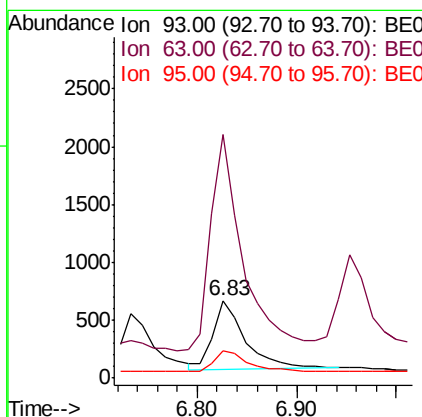
RT: 6.83 min Scan# 344

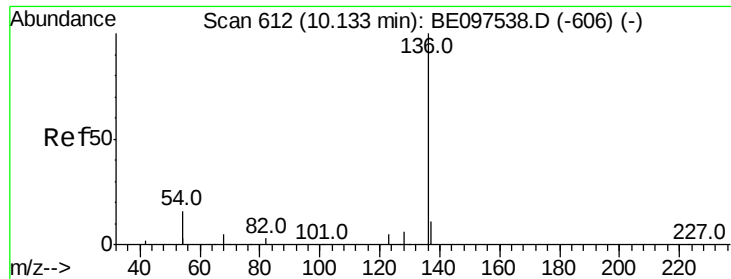
Delta R.T. 0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Tgt Ion:	93	Resp:	1336
Ion	Ratio	Lower	Upper
93	100		
63	310.5	275.3	412.9
95	32.5	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Instrument :

BNA_E

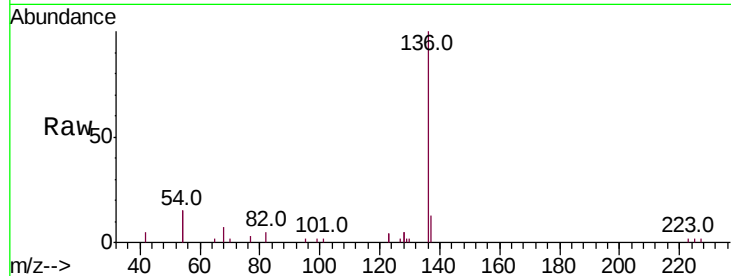
ClientSampleId :

PB112778BS

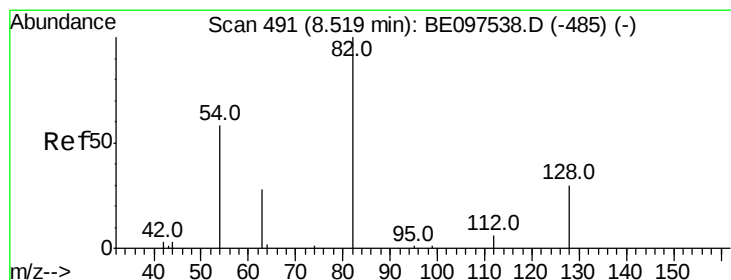
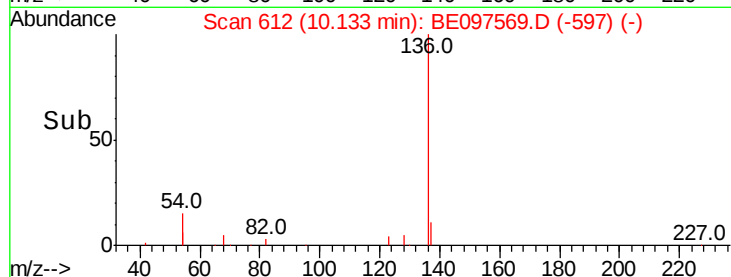
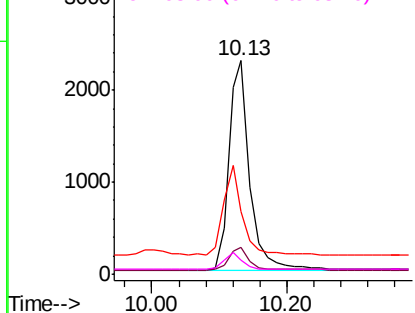
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	29.4	29.1	43.7
68	6.7	6.2	9.2

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



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: 0.392 ng

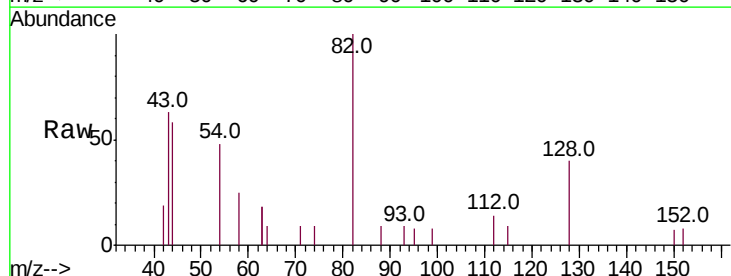
RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

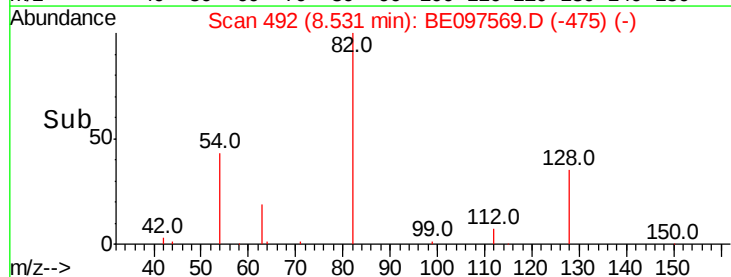
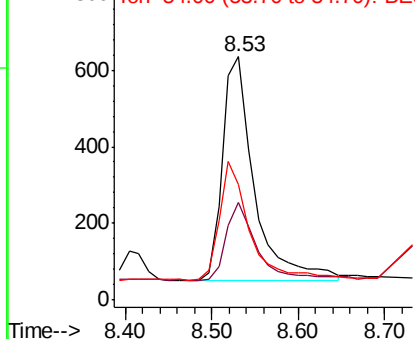
Lab File: BE097569.D

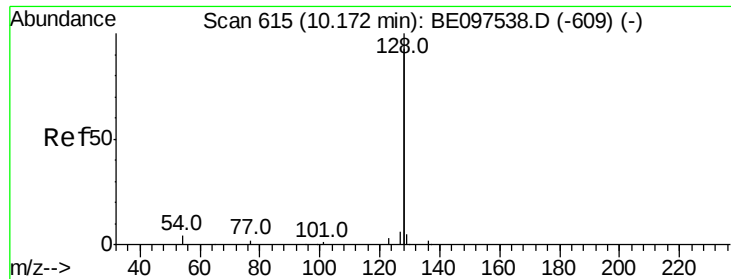
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	24.0	36.0#
54	47.6	40.0	60.0



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

Naphthalene

Concen: 0.410 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Instrument :

BNA_E

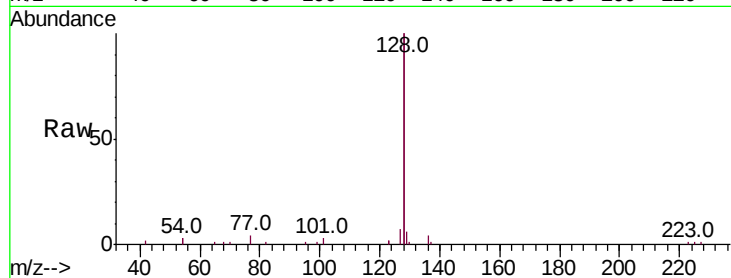
ClientSampleId :

PB112778BS

Tot Ion:	128	Resp:	18267
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

Manual Integrations
APPROVED

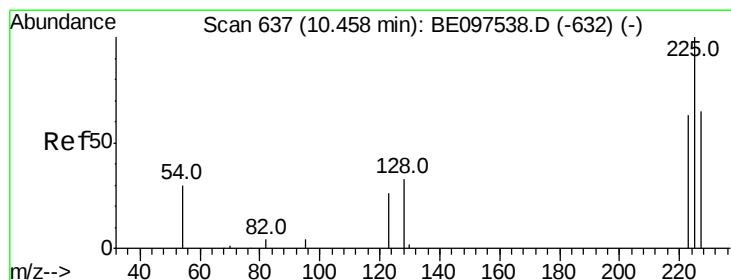
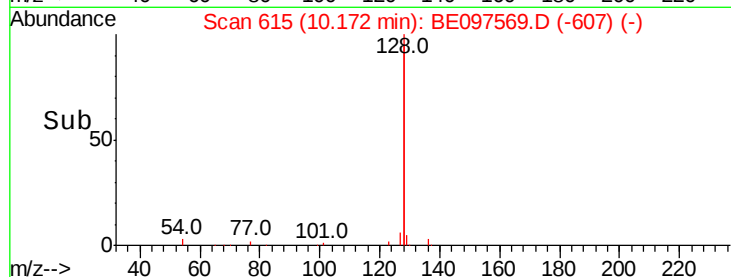
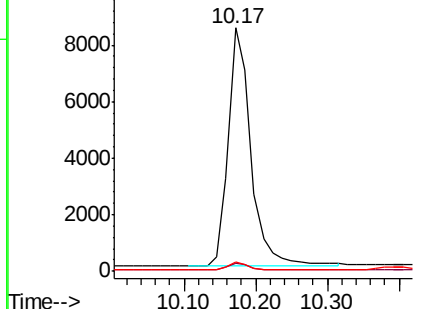
Sohil
9/20/2018 3:35:06 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.372 ng

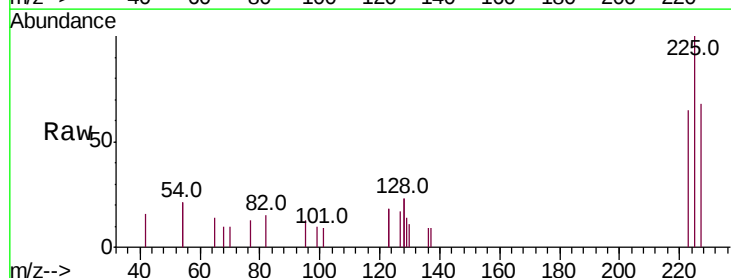
RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

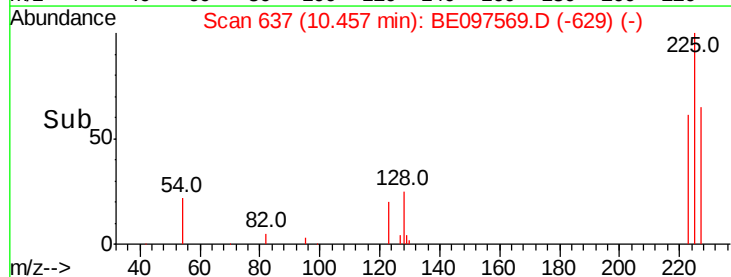
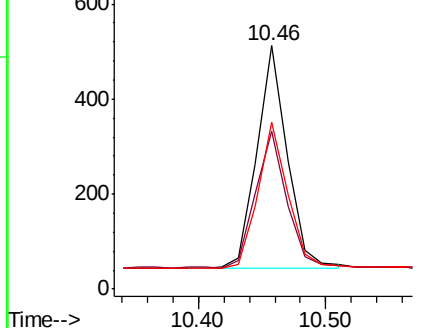
Tgt Ion:	225	Resp:	763
Ion Ratio	Lower	Upper	
225	100		
223	63.8	53.0	79.6
227	65.7	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





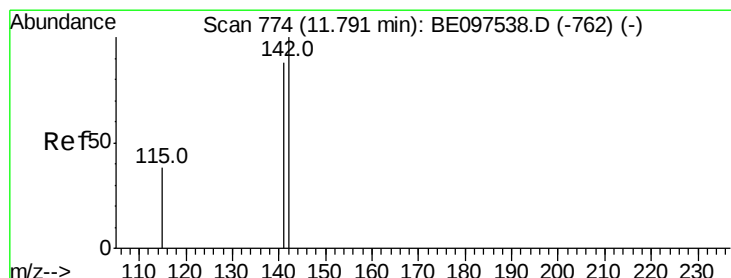
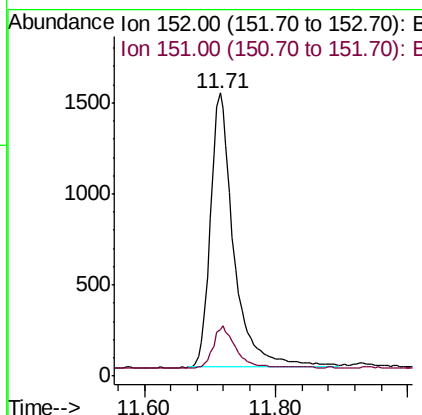
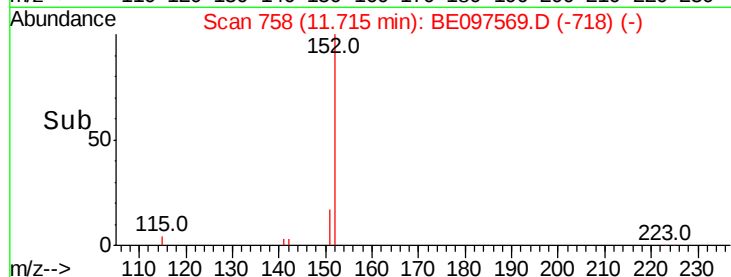
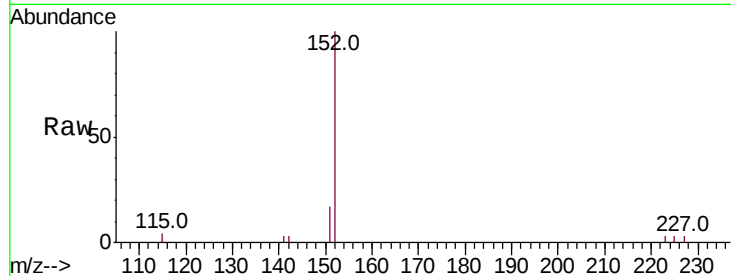
#11
2-Methylnaphthalene-d10
Concen: 0.547 ng
RT: 11.71 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion:152 Resp: 3727
Ion Ratio Lower Upper
152 100
151 14.5 15.4 23.0#

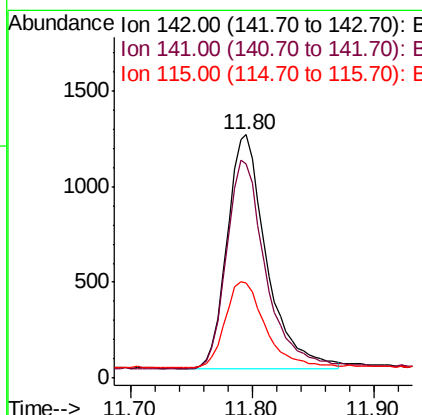
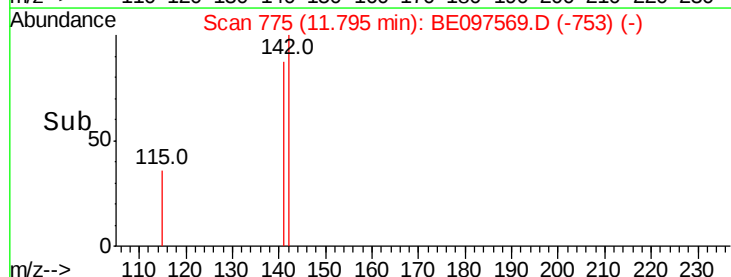
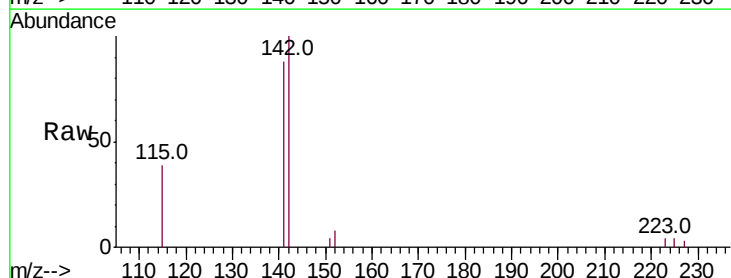
Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion:142 Resp: 2746
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6
115 39.0 31.7 47.5





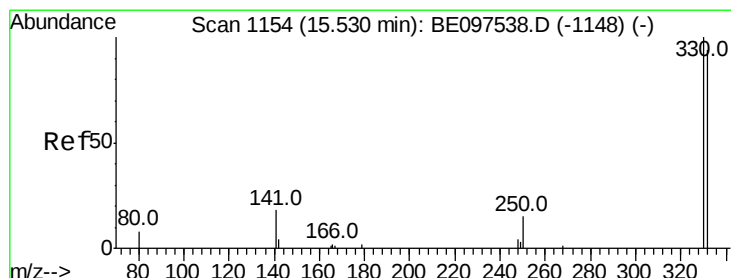
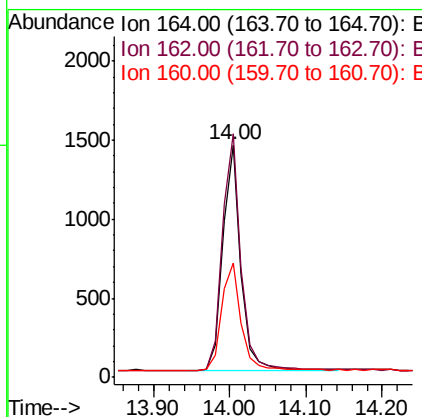
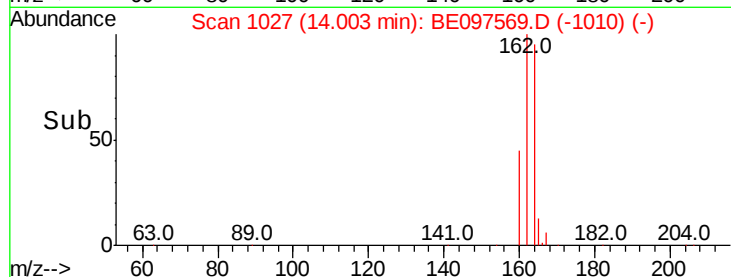
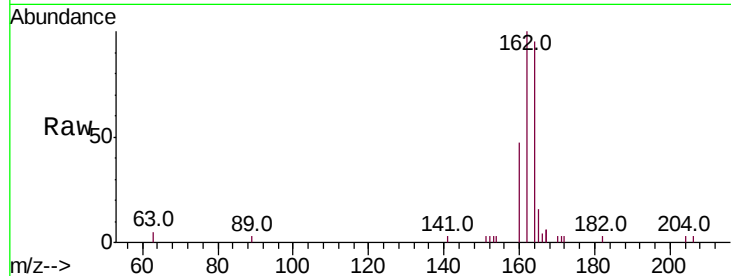
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097569.D
 Acq: 20 Sep 2018 9:37

Instrument :
 BNA_E
 ClientSampleId :
 PB112778BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	49.1	37.1	55.7

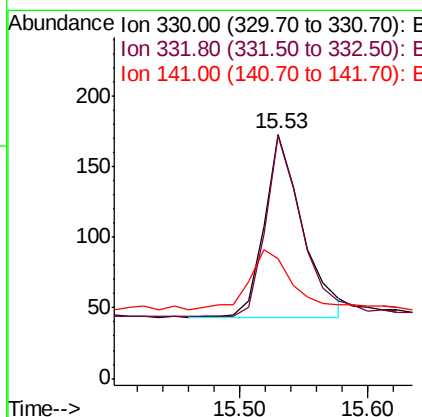
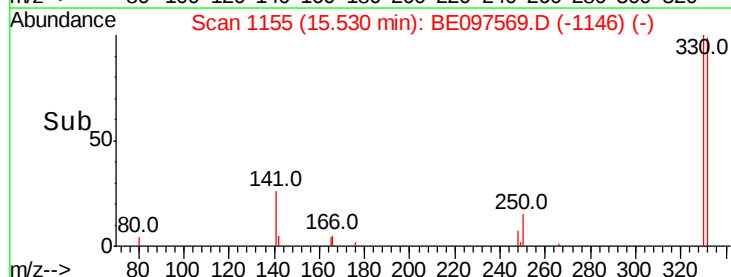
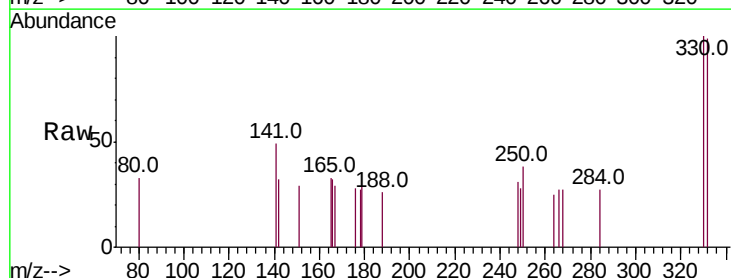
Manual Integrations
 APPROVED

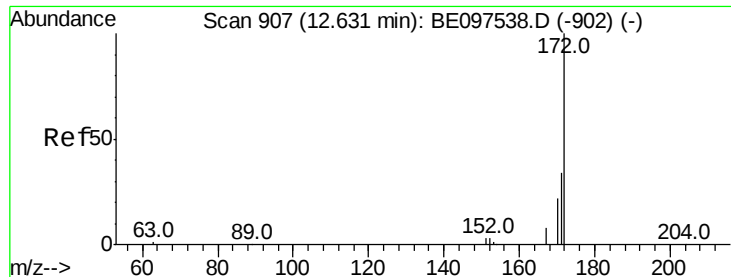
Sohil
 9/20/2018 3:35:06 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097569.D
 Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.3	152.7	229.1#
141	35.5	33.7	50.5





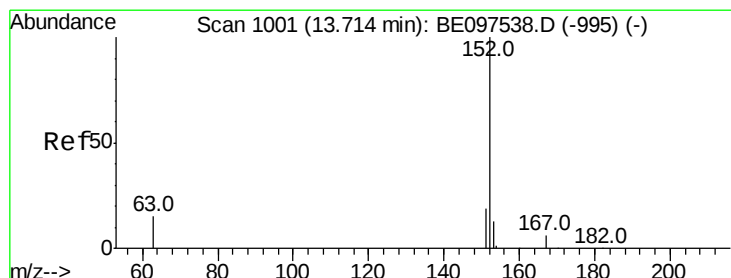
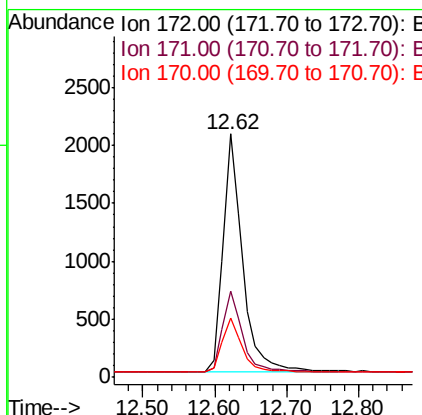
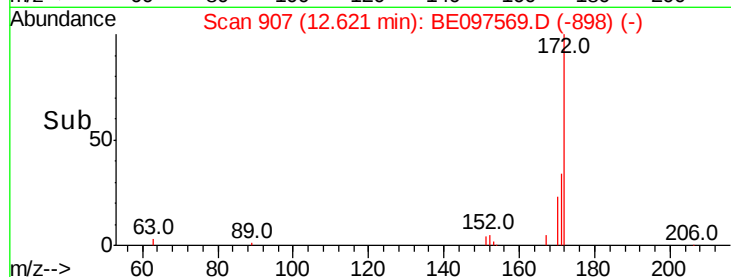
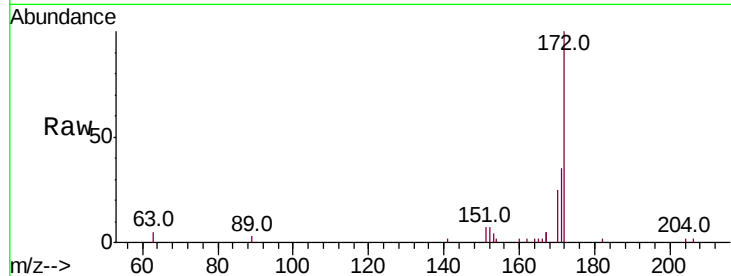
#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	24.5	21.8	32.8

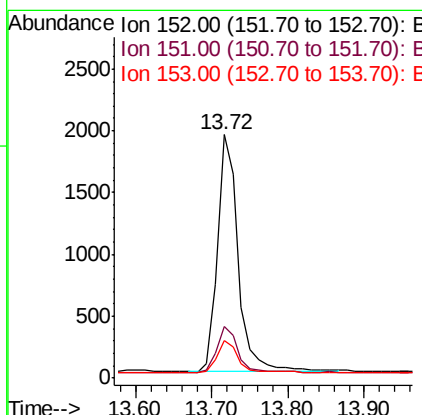
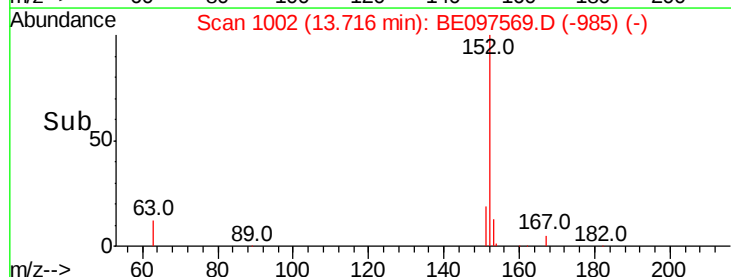
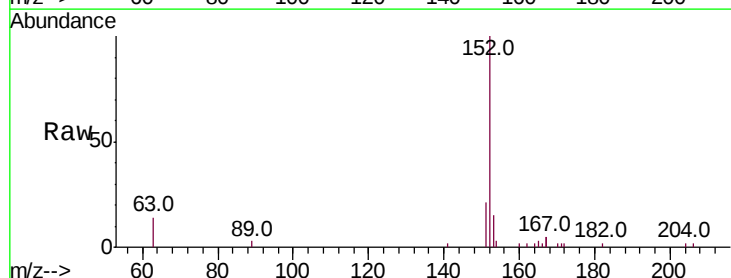
Manual Integrations
APPROVED

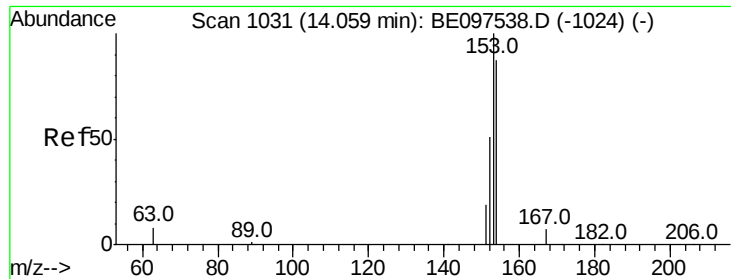
Sohil
9/20/2018 3:35:06 PM



#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7





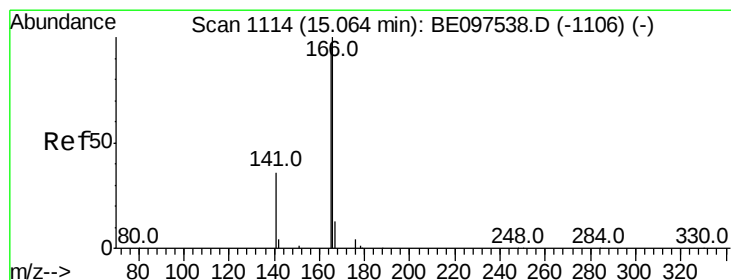
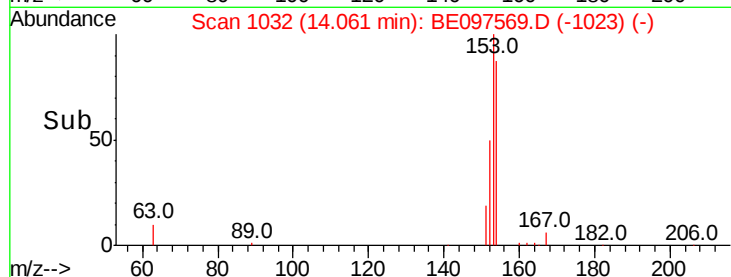
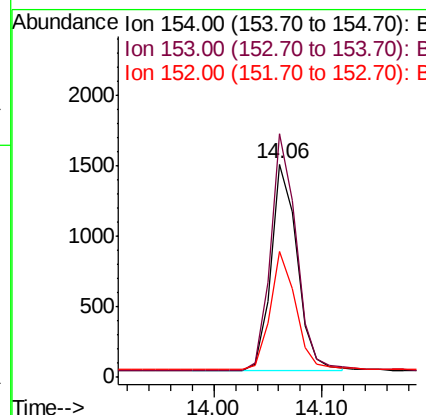
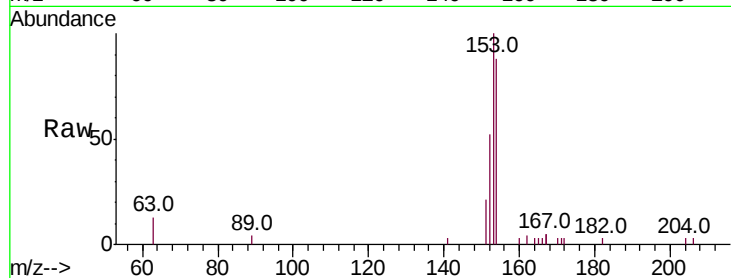
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	56.4	42.0	63.0

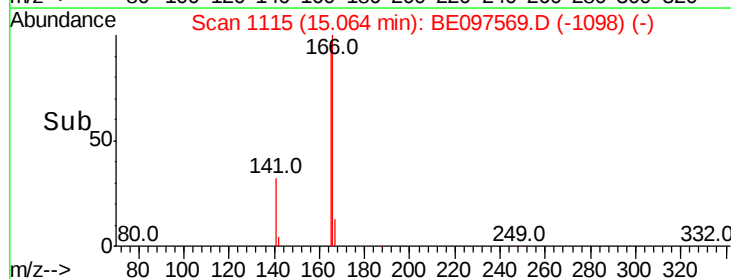
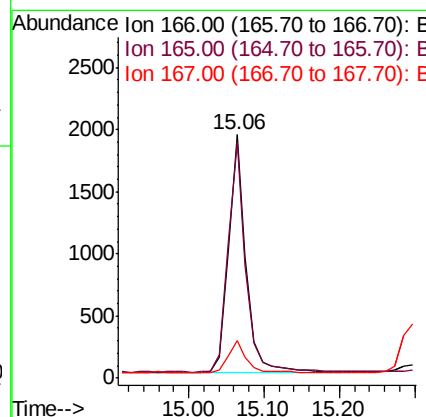
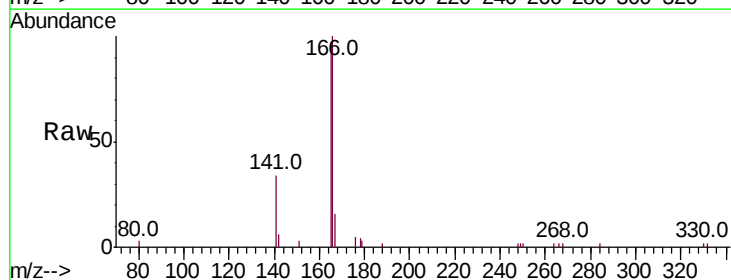
Manual Integrations
APPROVED

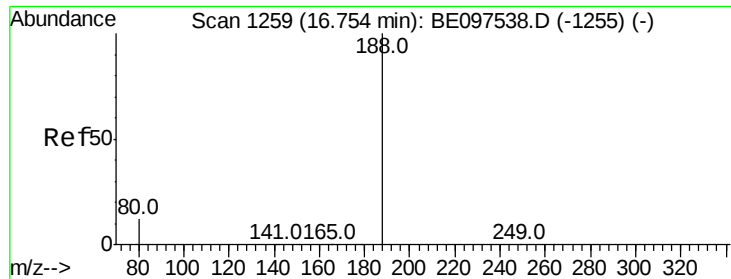
Sohil
9/20/2018 3:35:06 PM



#18
Fluorene
Concen: 0.382 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.4	42.4	63.6#





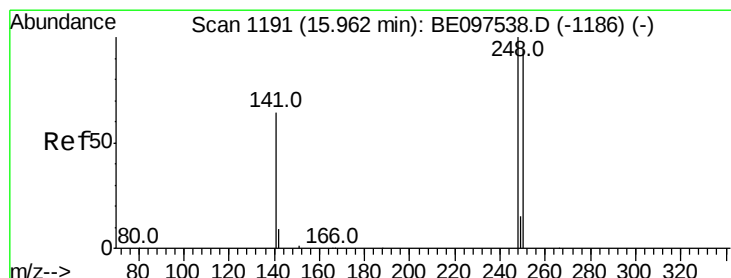
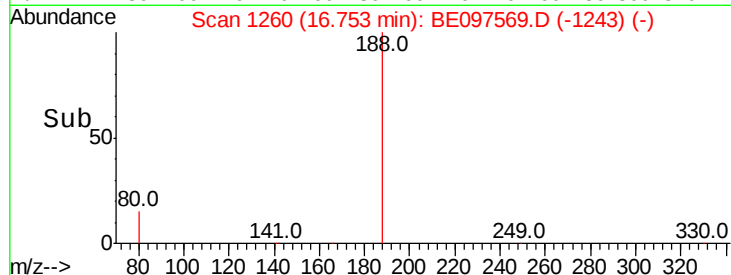
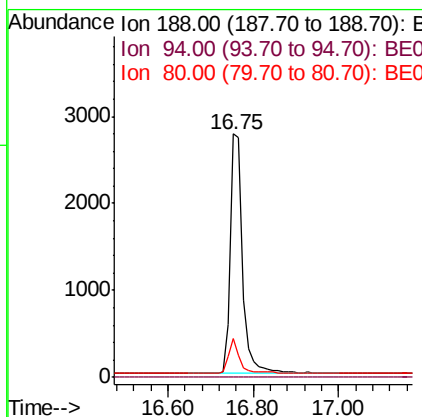
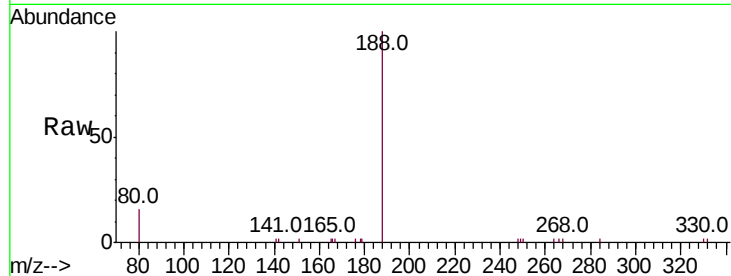
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.1	3.6	5.4#

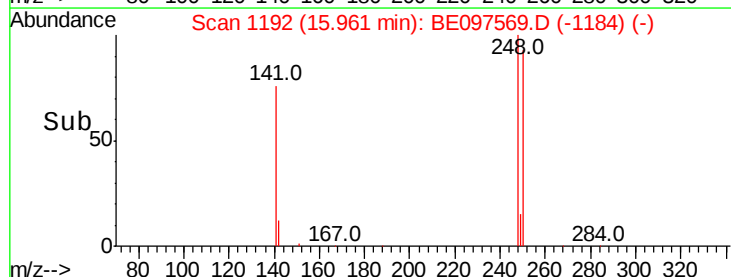
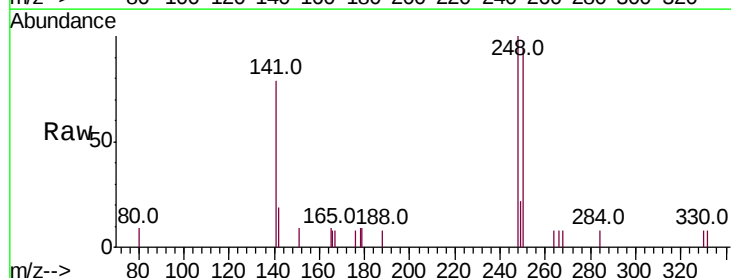
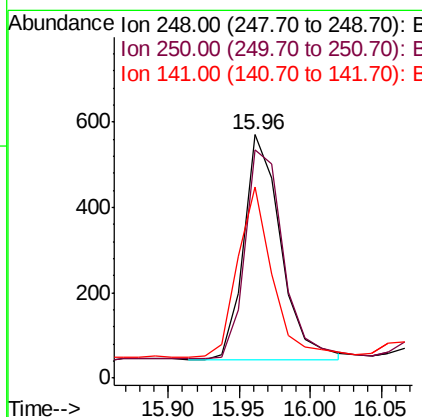
Manual Integrations
APPROVED

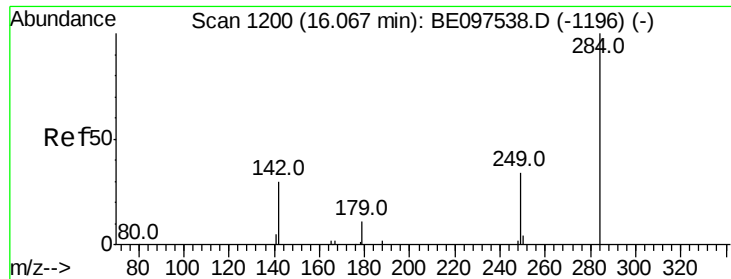
Sohil
9/20/2018 3:35:06 PM



#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.9	62.7	94.1
141	78.6	48.2	72.2#





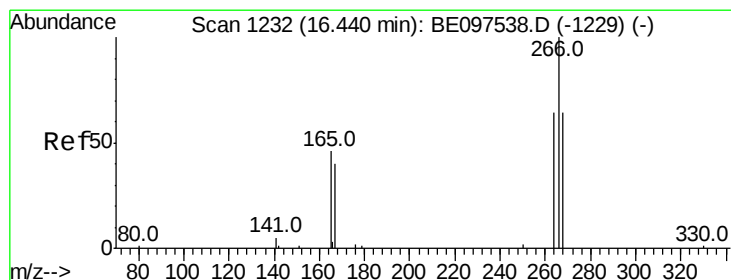
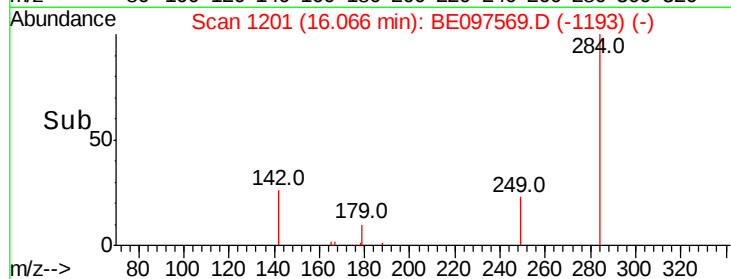
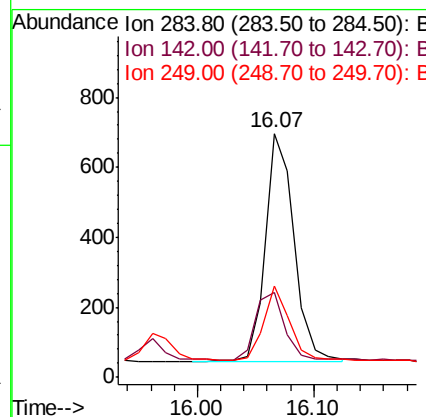
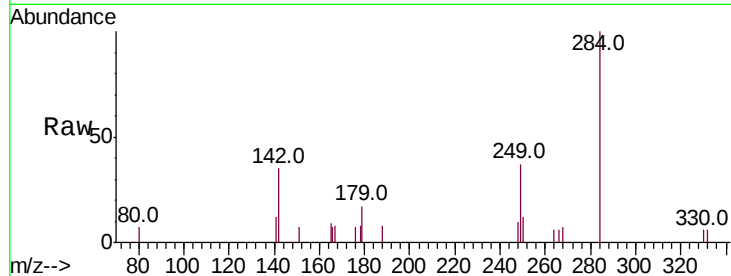
#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.0	22.1	33.1
249	29.8	34.8	52.2#

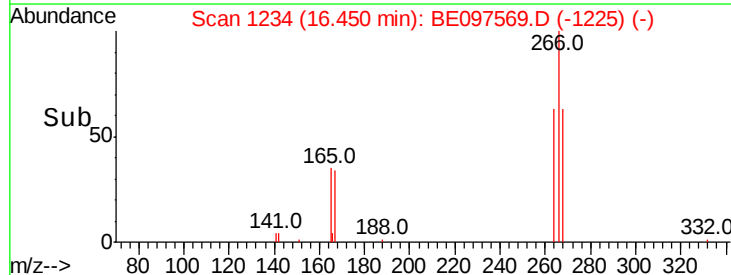
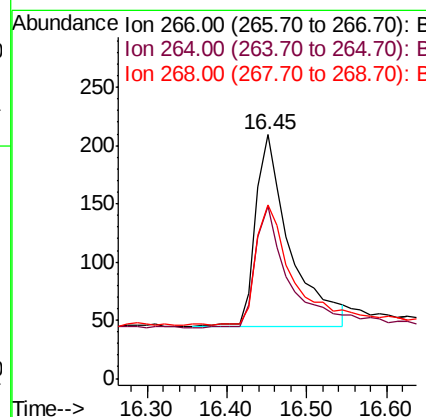
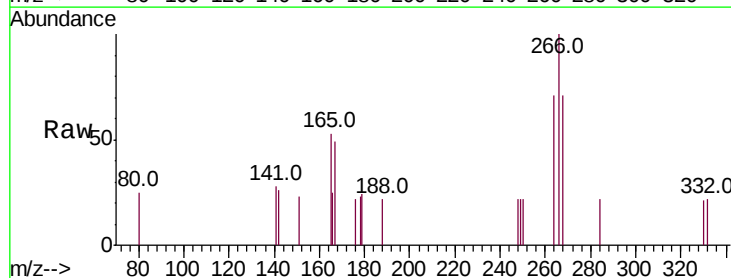
Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



#22
Pentachlorophenol
Concen: 0.538 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.8	72.5	108.7#
268	71.3	73.8	110.6#





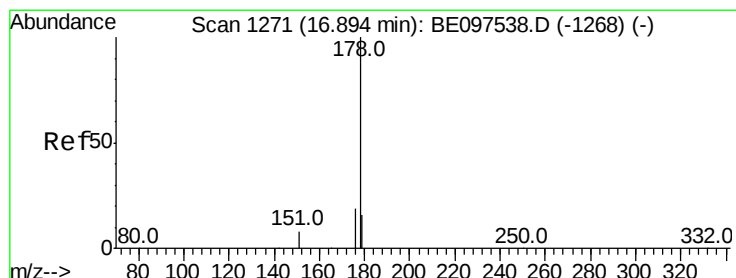
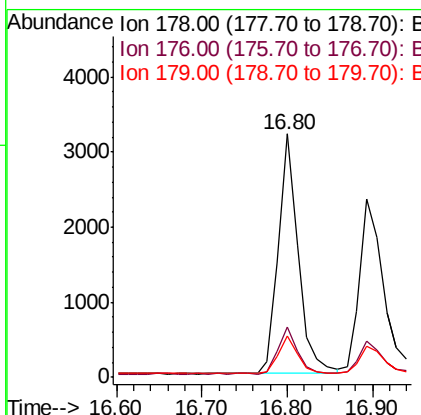
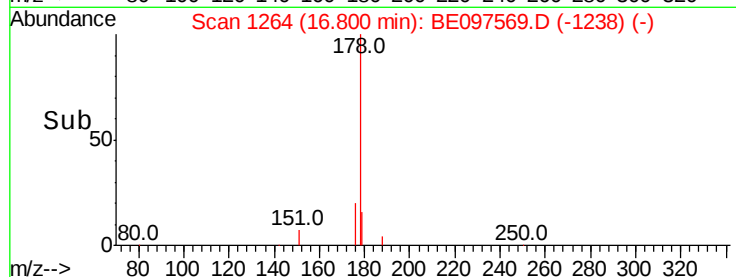
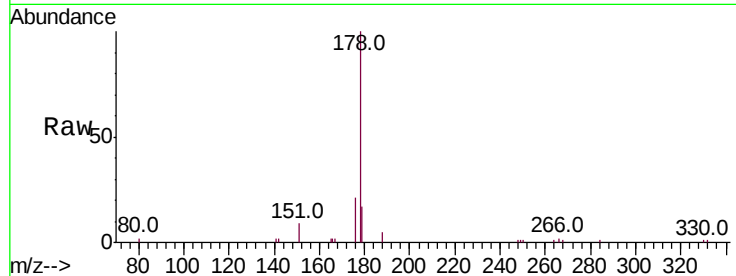
#23
Phenanthrene
Concen: 0.404 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6

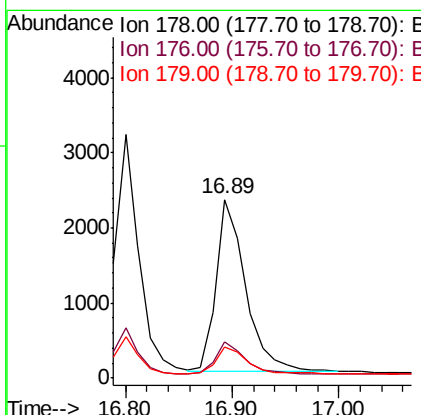
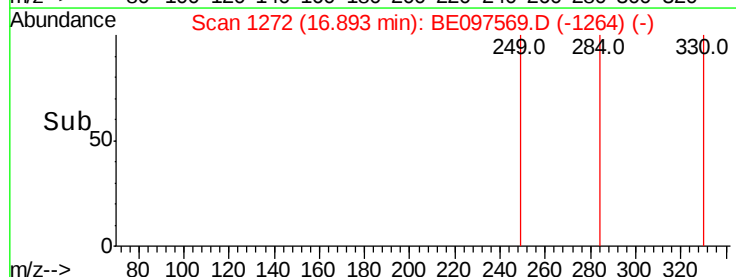
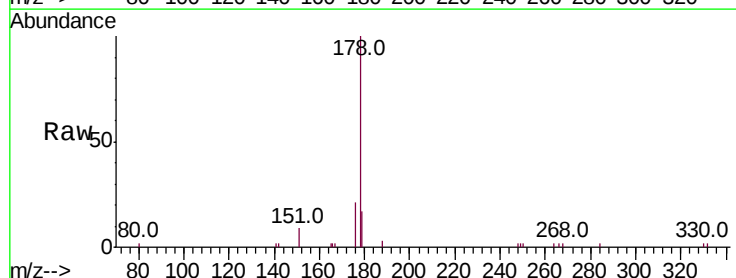
Manual Integrations
APPROVED

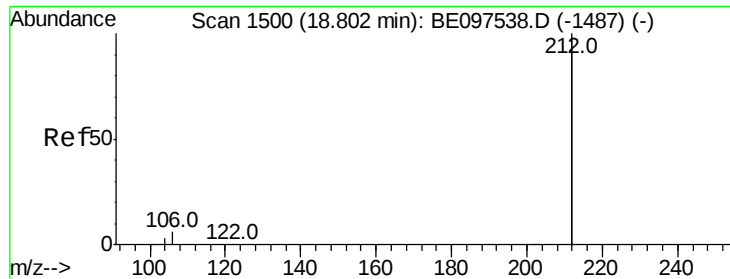
Sohil
9/20/2018 3:35:06 PM



#24
Anthracene
Concen: 0.392 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.7	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Instrument :

BNA_E

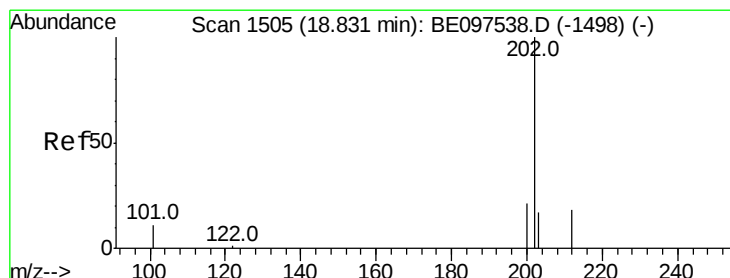
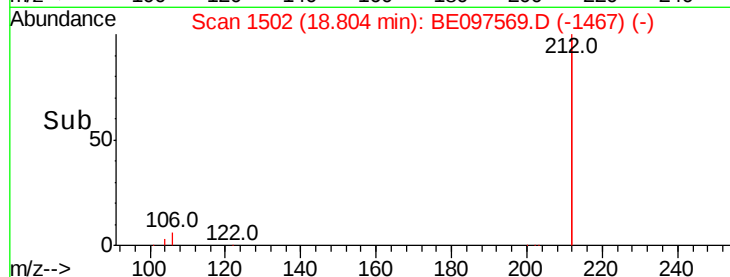
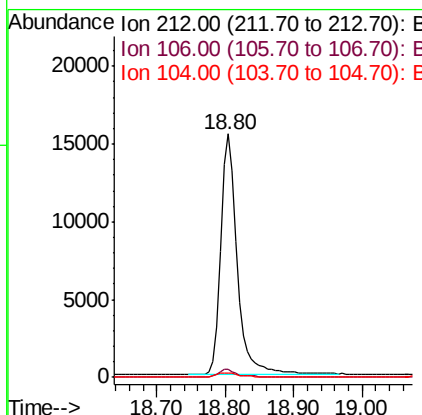
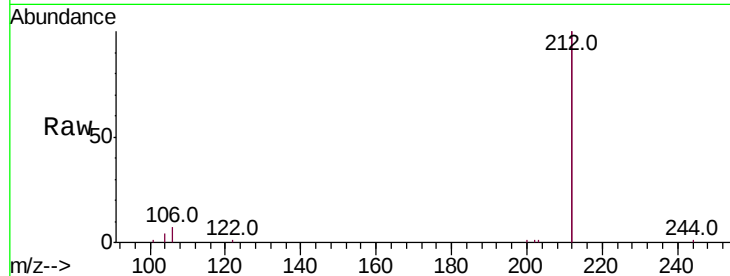
ClientSampleId :

PB112778BS

Tot Ion:	212	Resp:	26434
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



#26

Fluoranthene

Concen: 0.360 ng

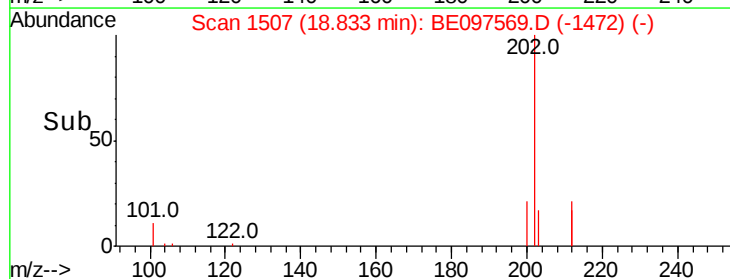
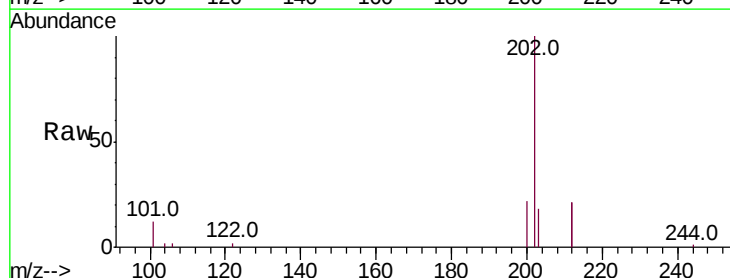
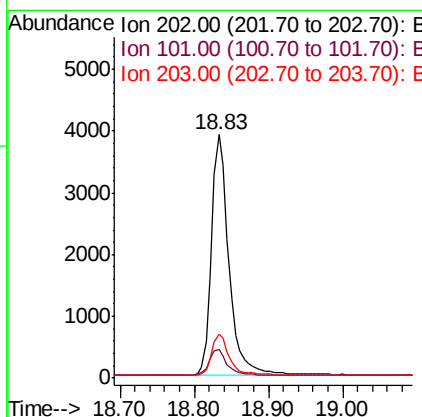
RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Tgt Ion:	202	Resp:	6383
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.8	14.8
203	17.0	13.7	20.5





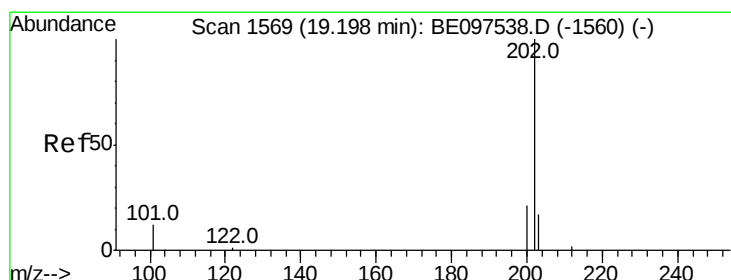
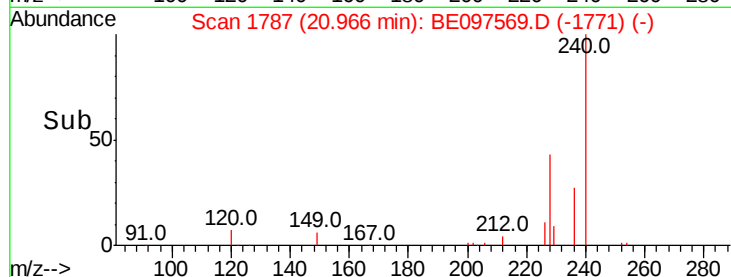
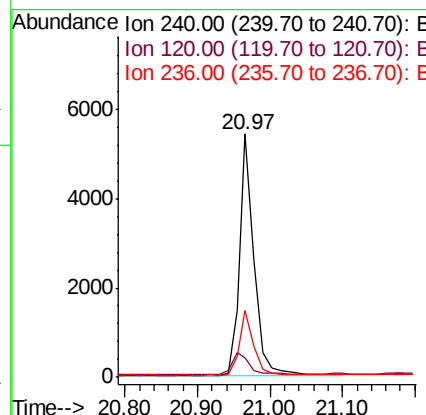
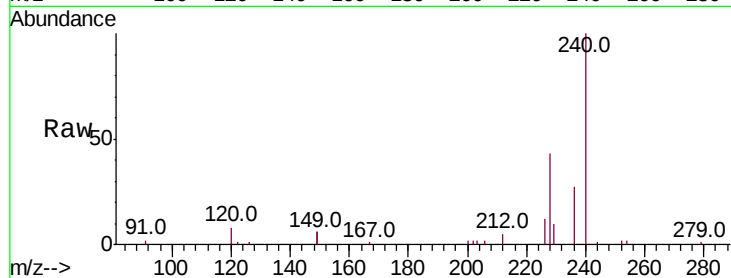
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.5	8.3#
236	27.3	20.7	31.1

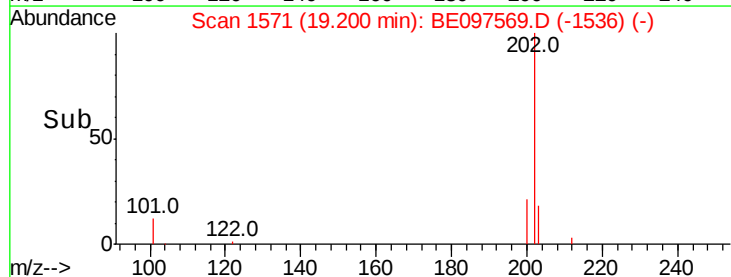
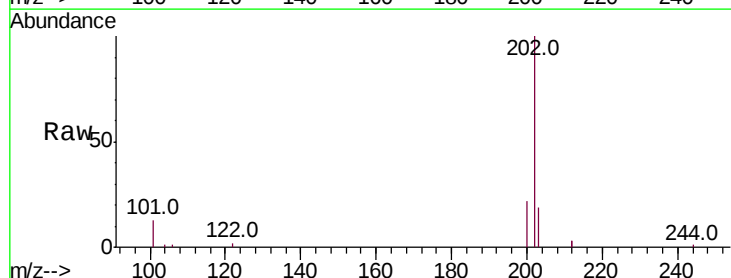
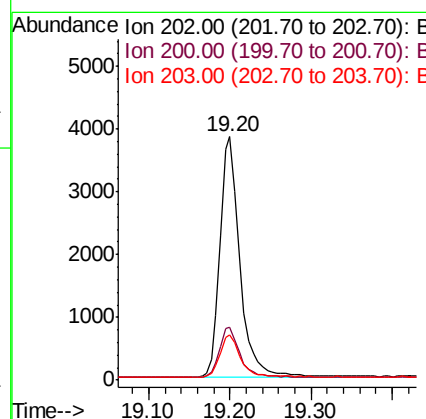
Manual Integrations
APPROVED

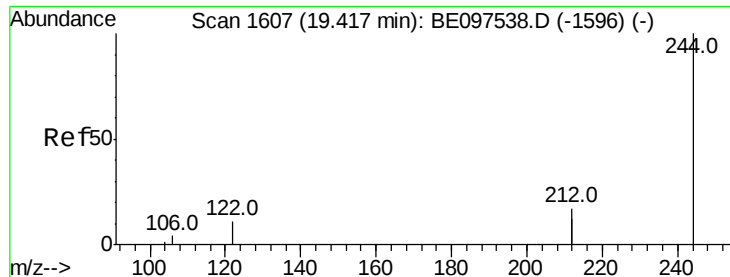
Sohil
9/20/2018 3:35:06 PM



#28
Pyrene
Concen: 0.374 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	18.4	13.8	20.8





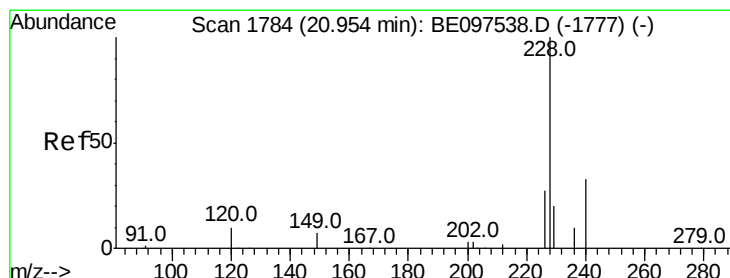
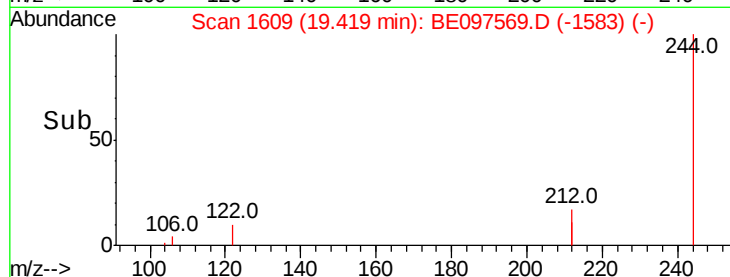
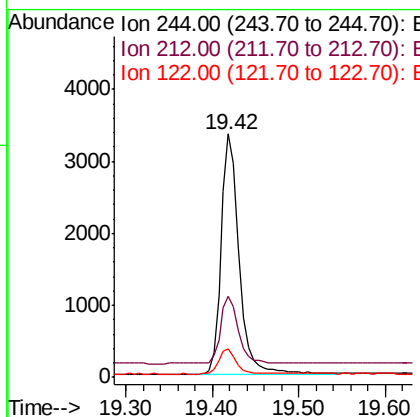
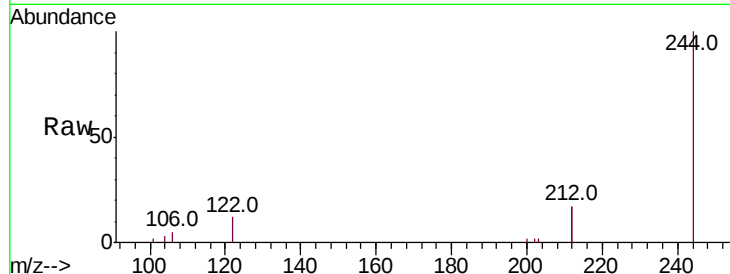
#29
 Terphenyl-d14
 Concen: 0.348 ng
 RT: 19.42 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BE097569.D
 Acq: 20 Sep 2018 9:37

Instrument :
 BNA_E
 ClientSampleId :
 PB112778BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.4	25.4	38.0
122	11.5	8.1	12.1

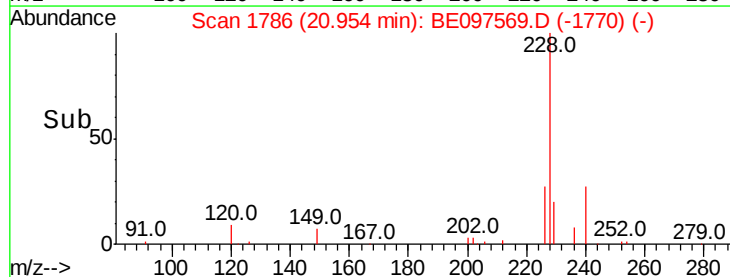
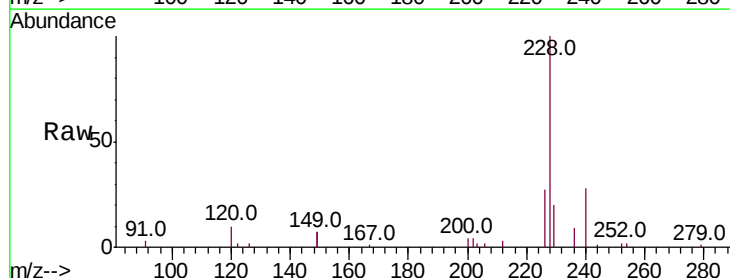
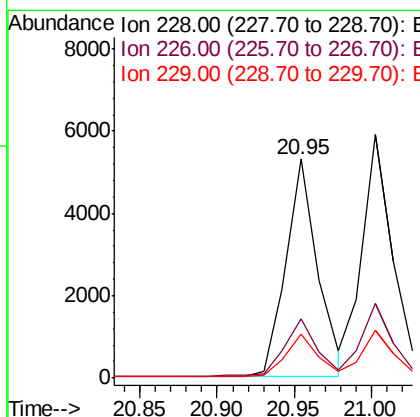
Manual Integrations
 APPROVED

Sohil
 9/20/2018 3:35:06 PM



#30
 Benzo(a)anthracene
 Concen: 0.396 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097569.D
 Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	20.3	16.0	24.0





#31

Chrysene

Concen: 0.400 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Instrument :

BNA_E

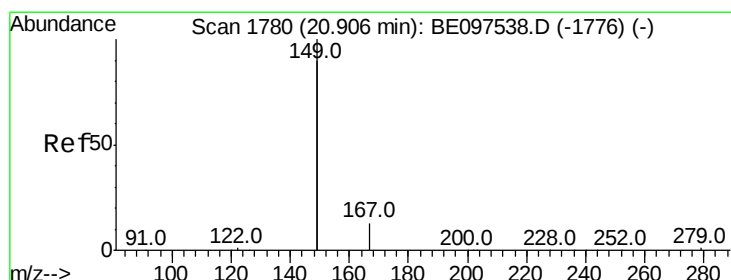
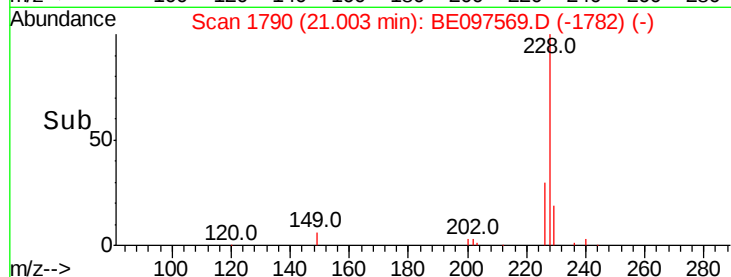
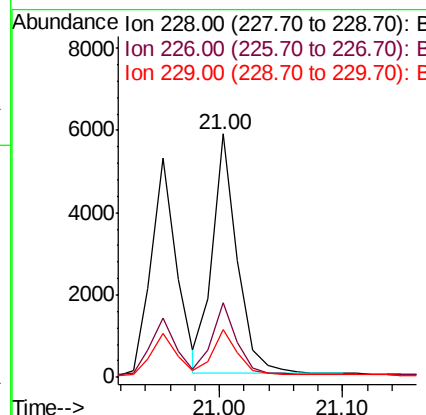
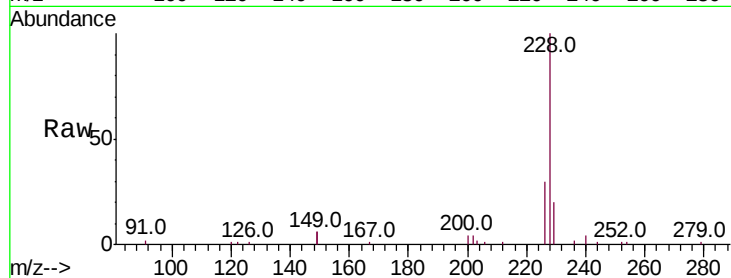
ClientSampleId :

PB112778BS

Tot Ion:	228	Resp:	8199
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	19.9	16.0	24.0

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.337 ng

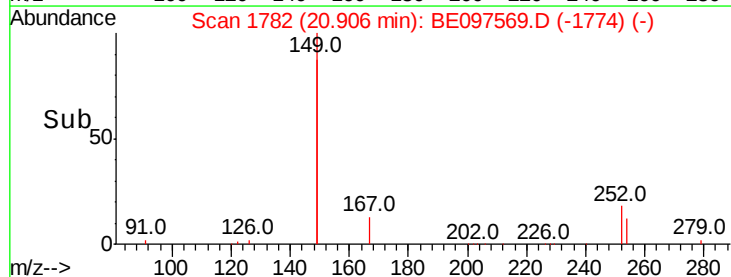
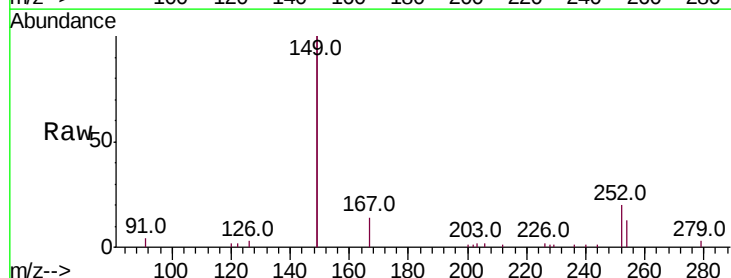
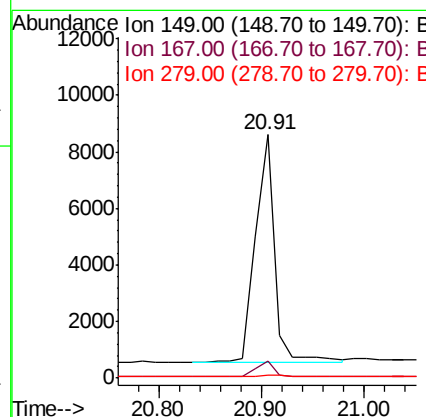
RT: 20.91 min Scan# 1782

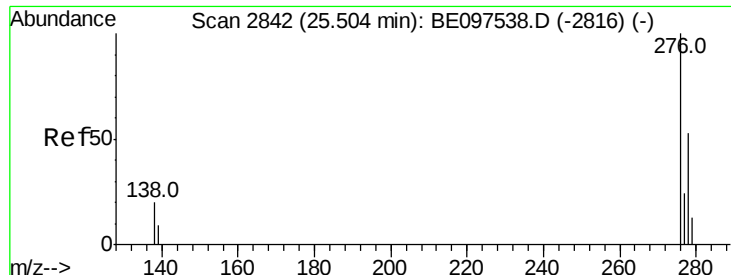
Delta R.T. -0.00 min

Lab File: BE097569.D

Acq: 20 Sep 2018 9:37

Tgt Ion:	149	Resp:	10482
Ion Ratio	Lower	Upper	
149	100		
167	6.2	5.4	8.0
279	1.1	0.7	1.1





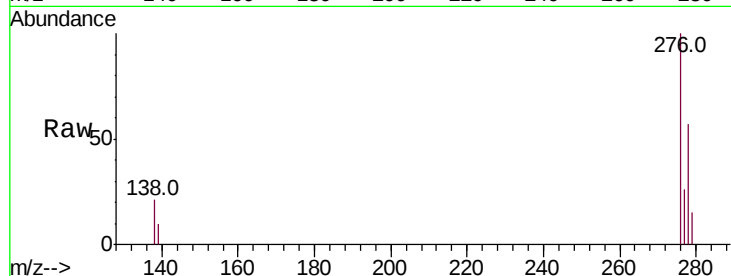
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng
RT: 25.50 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

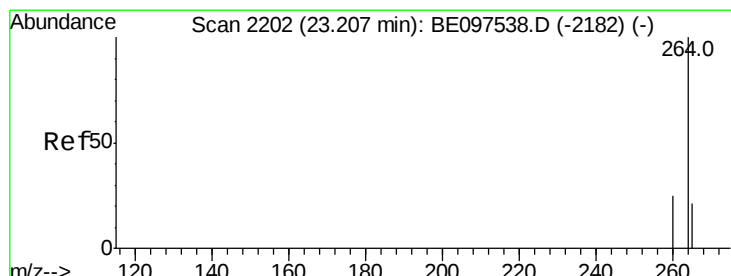
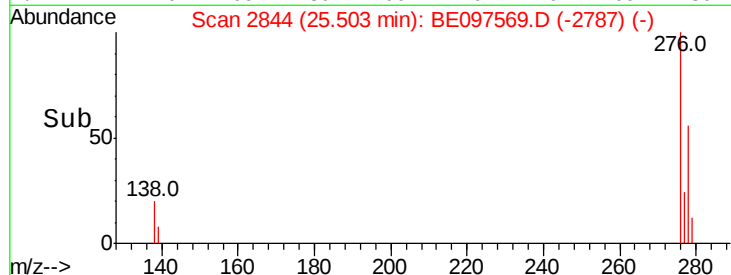
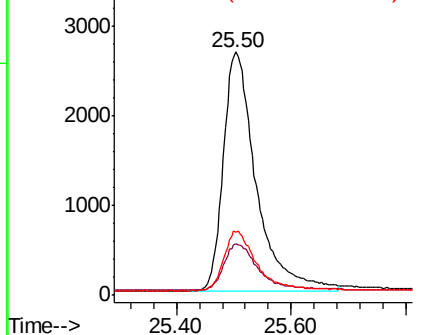
Tot Ion	Ratio	Resp	Lower	Upper
276	100	10615		
138	20.1		22.5	33.7#
277	24.3		19.9	29.9

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



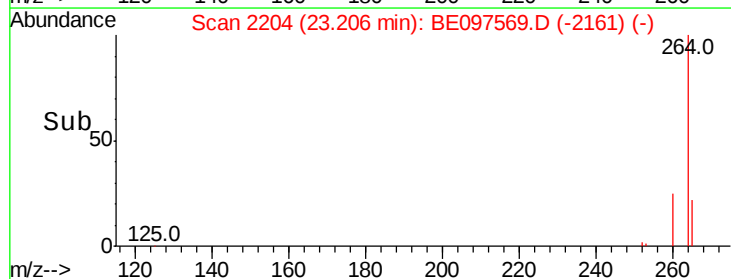
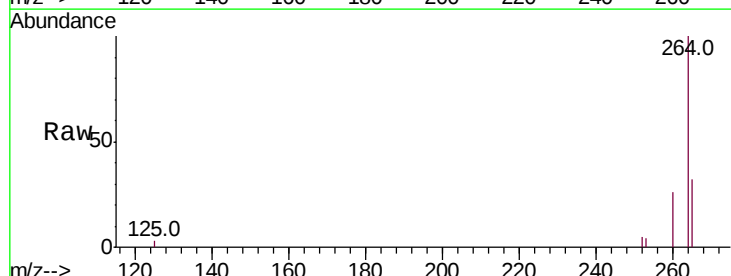
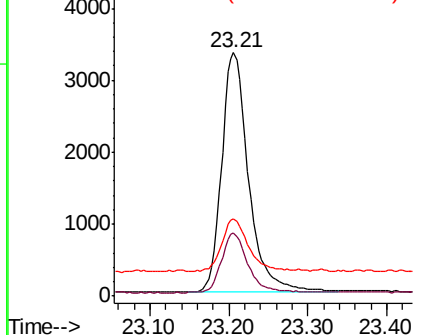
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

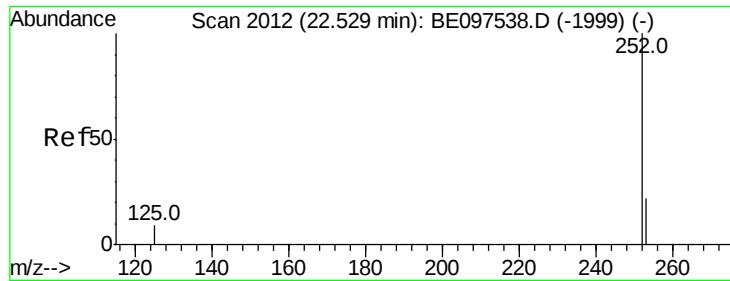


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	7915		
260	25.9		20.5	30.7
265	31.9		22.8	34.2

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





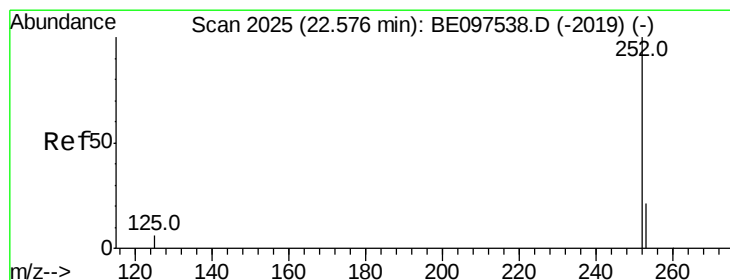
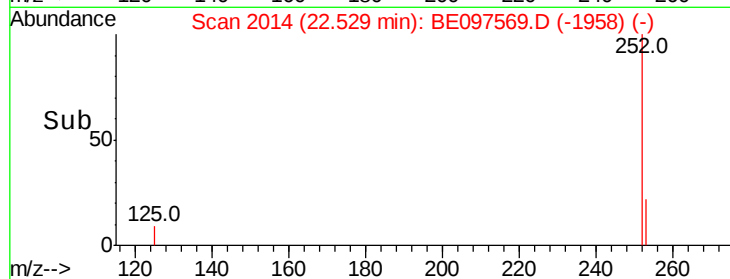
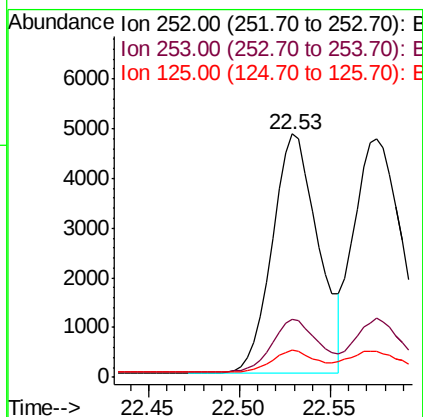
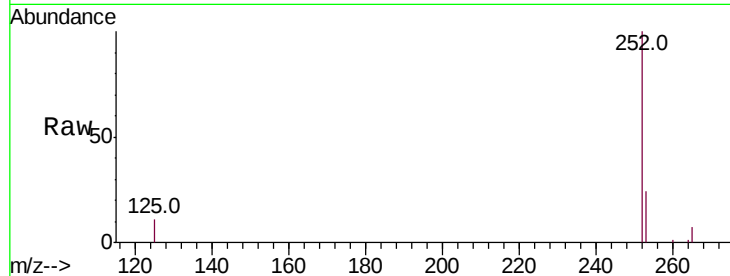
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion:252 Resp: 8443
Ion Ratio Lower Upper
252 100
253 23.7 20.0 30.0
125 11.0 16.0 24.0#

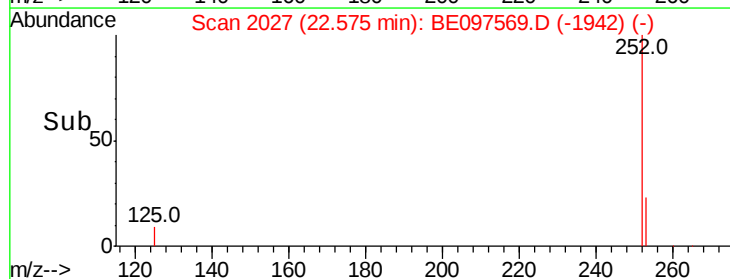
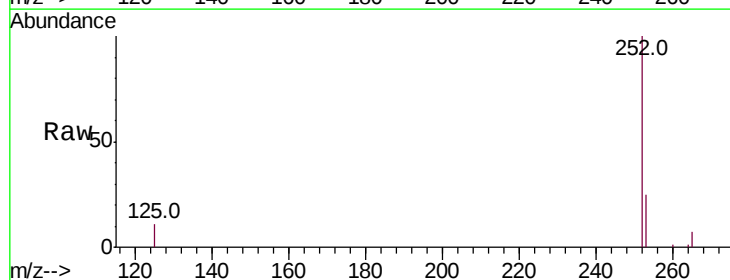
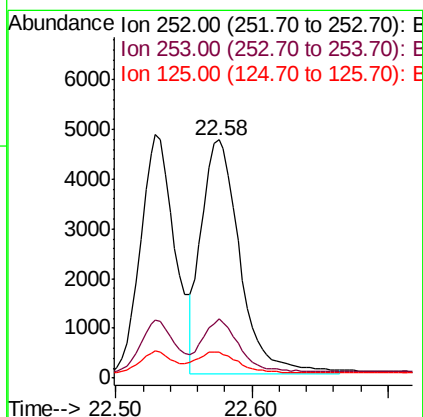
Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM



#36
Benzo(k)fluoranthene
Concen: 0.405 ng m
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Tgt Ion:252 Resp: 9398
Ion Ratio Lower Upper
252 100
253 24.7 16.0 24.0#
125 11.2 8.0 12.0





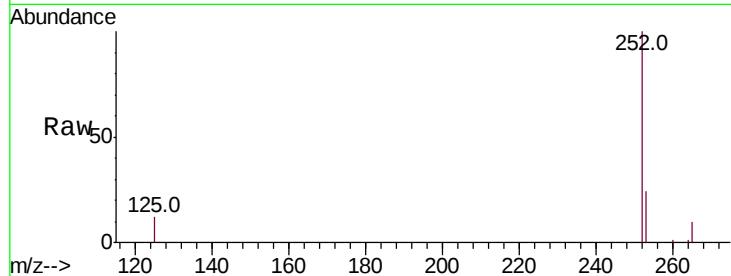
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

Instrument :
BNA_E
ClientSampleId :
PB112778BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	12.0	12.0	18.0

Manual Integrations
APPROVED

Sohil
9/20/2018 3:35:06 PM

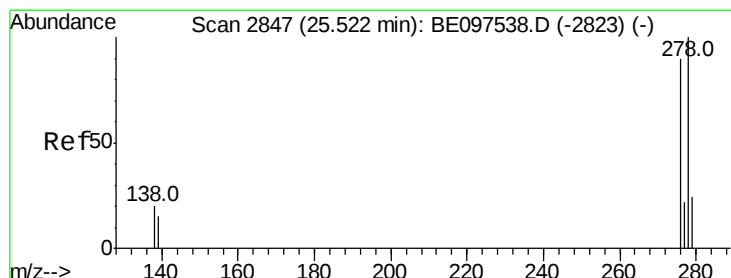
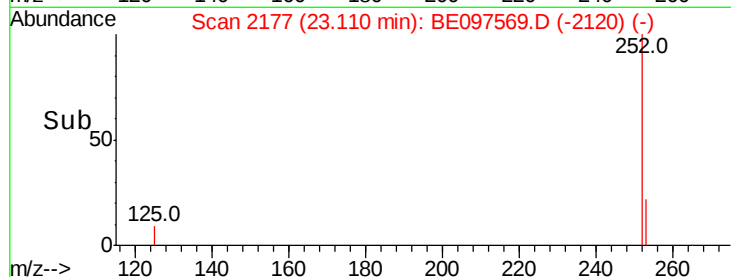
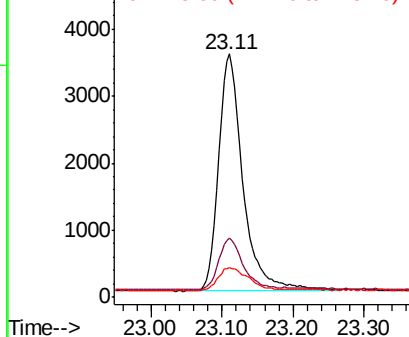


Abundance

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: 0.416 ng
RT: 25.52 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BE097569.D
Acq: 20 Sep 2018 9:37

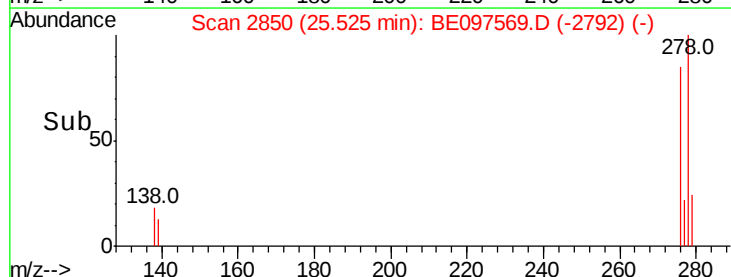
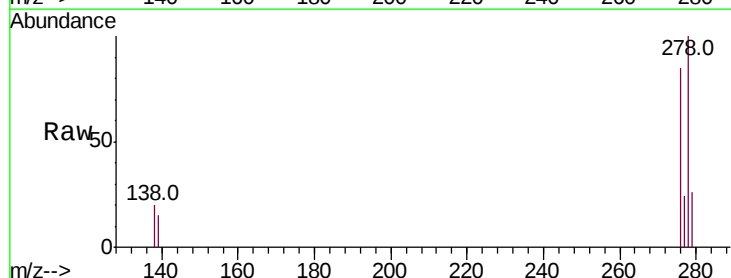
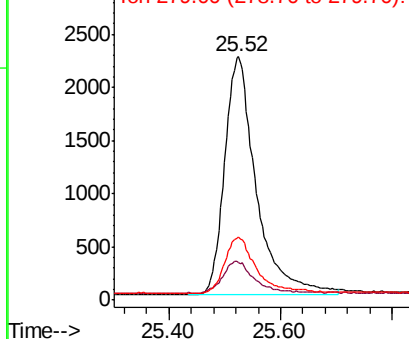
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	16.0	24.0#
279	26.2	20.0	30.0

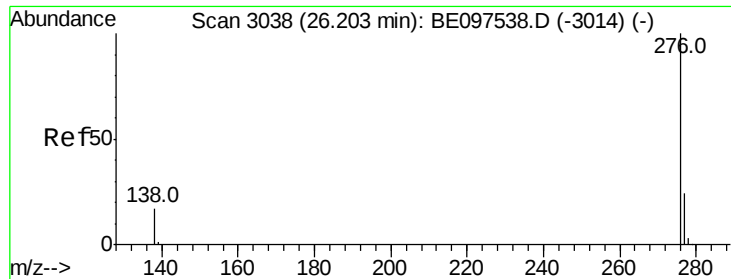
Abundance

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: 0.429 ng
 RT: 26.21 min Scan# 3041
 Delta R.T. 0.01 min
 Lab File: BE097569.D
 Acq: 20 Sep 2018 9:37

Instrument :
 BNA_E
 ClientSampleId :
 PB112778BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	16.0	24.0#
138	20.8	20.0	30.0

Manual Integrations
 APPROVED

Sohil
 9/20/2018 3:35:06 PM

