

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
 Data File : BE097977.D
 Acq On : 18 Oct 2018 14:55
 Operator : SJ/JU
 Sample : J5317-16MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MSD

Manual Integrations
 APPROVED

Sohil
 10/19/2018 3:59:17 PM

Quant Time: Oct 19 01:27:15 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	7.87	152	2268	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	9983	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6952	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19706	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22711	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22380	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.45	112	1399	0.20	ng	-0.01
5) Phenol-d6	7.04	99	1241	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3658	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6488m	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1487	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	10384	0.37	ng	-0.01
25) Fluoranthene-d10	19.32	212	102823	0.39	ng	-0.01
29) Terphenyl-d14	19.92	244	20020	0.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	11663	2.949	ng	95
3) n-Nitrosodimethylamine	3.69	42	606	0.137	ng	# 81
6) bis(2-Chloroethyl)ether	7.30	93	3105	0.346	ng	96
9) Naphthalene	10.73	128	42165	0.424	ng	100
10) Hexachlorobutadiene	11.02	225	1839	0.343	ng	98
12) 2-Methylnaphthalene	12.35	142	7571	0.445	ng	95
16) Acenaphthylene	14.27	152	13148	0.409	ng	99
17) Acenaphthene	14.60	154	7669	0.391	ng	100
18) Fluorene	15.58	166	11317	0.419	ng	100
20) 4-Bromophenyl-phenylether	16.48	248	4097	0.380	ng	94
21) Hexachlorobenzene	16.59	284	3981	0.376	ng	97
22) Pentachlorophenol	16.94	266	1973	0.694	ng	97
23) Phenanthrene	17.33	178	20968	0.419	ng	98
24) Anthracene	17.42	178	19874	0.420	ng	100
26) Fluoranthene	19.35	202	27082	0.412	ng	98
28) Pyrene	19.71	202	27503	0.420	ng	99
30) Benzo(a)anthracene	21.45	228	29442	0.423	ng	98
31) Chrysene	21.51	228	27950	0.424	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	76247	0.498	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	27732	0.373	ng	99
35) Benzo(b)fluoranthene	23.24	252	27222	0.423	ng	# 92
36) Benzo(k)fluoranthene	23.29	252	27203	0.405	ng	# 92
37) Benzo(a)pyrene	23.91	252	23871	0.380	ng	# 92
38) Dibenzo(a,h)anthracene	26.74	278	23733	0.386	ng	94
39) Benzo(g,h,i)perylene	27.55	276	20236	0.321	ng	94

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

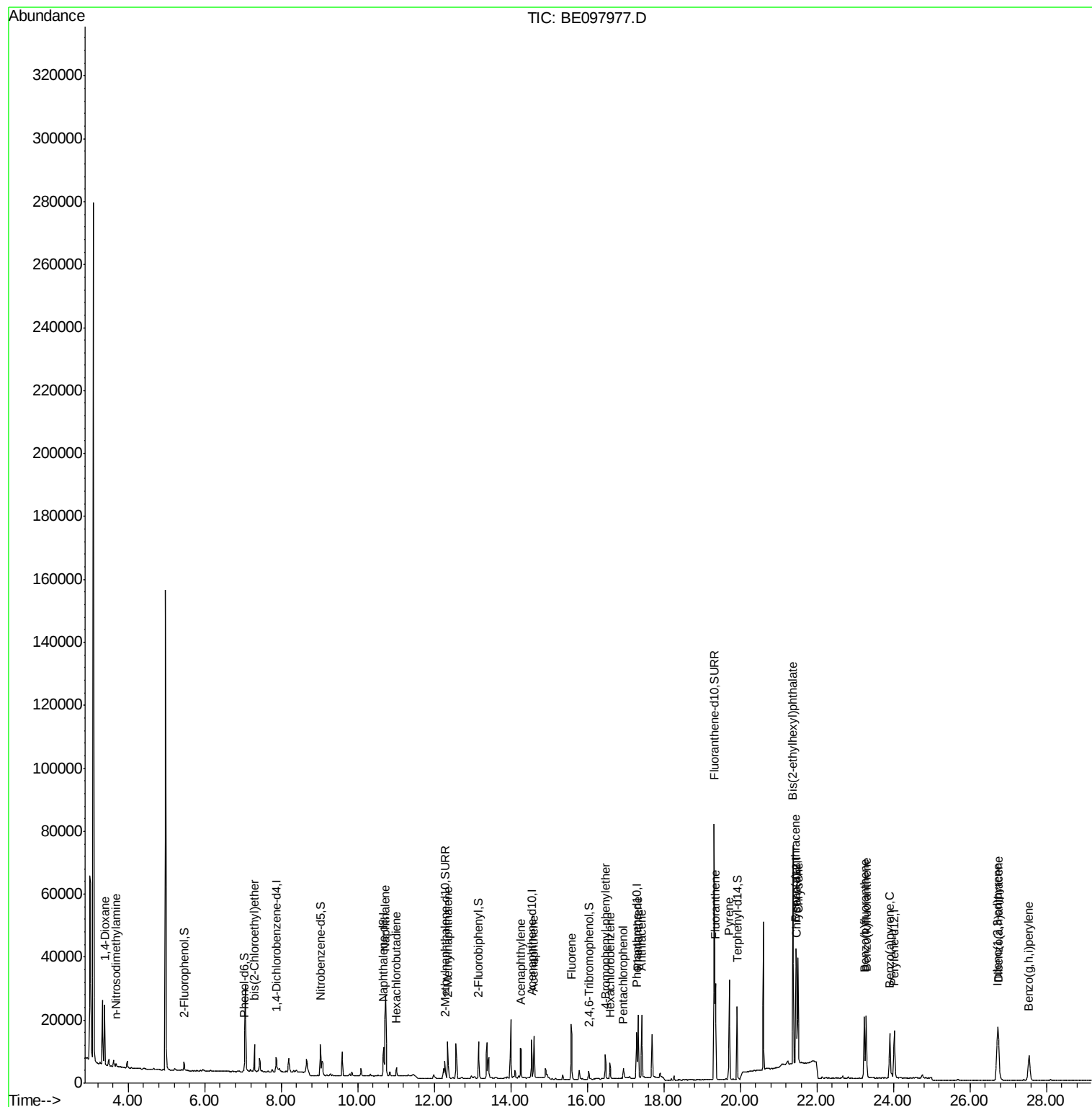
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
Data File : BE097977.D
Acq On : 18 Oct 2018 14:55
Operator : SJ/JU
Sample : J5317-16MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM

Quant Time: Oct 19 01:27:15 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

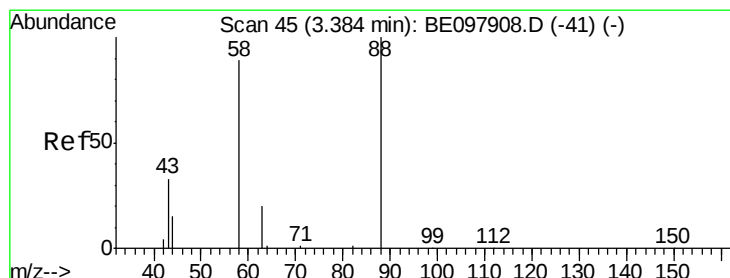
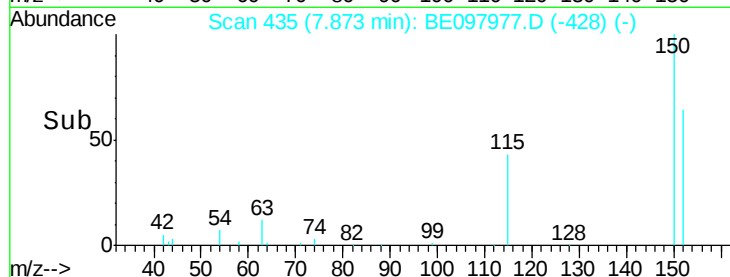
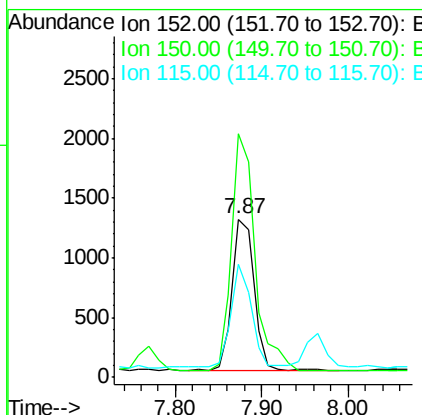
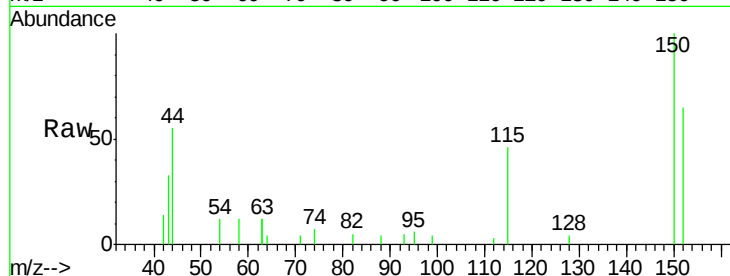
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	118.2	177.4
115	71.3	50.9	76.3

Manual Integrations
APPROVED

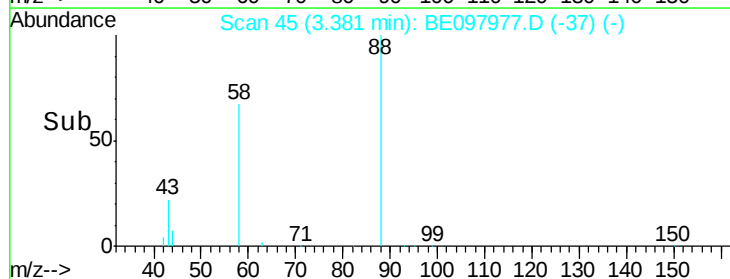
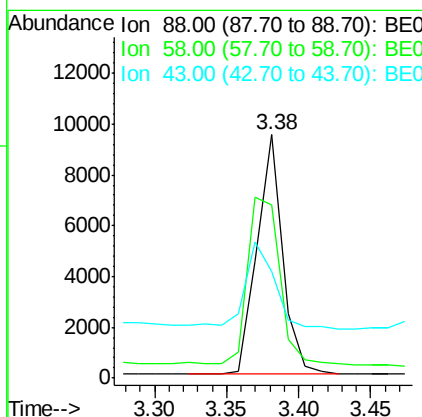
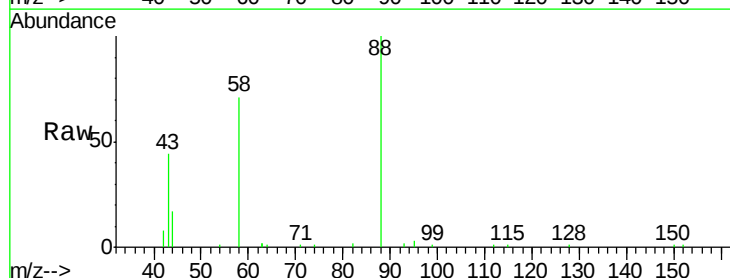
Sohil
10/19/2018 3:59:17 PM



#2

1,4-Dioxane
Concen: 2.949 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	73.2	109.8
43	42.4	36.9	55.3





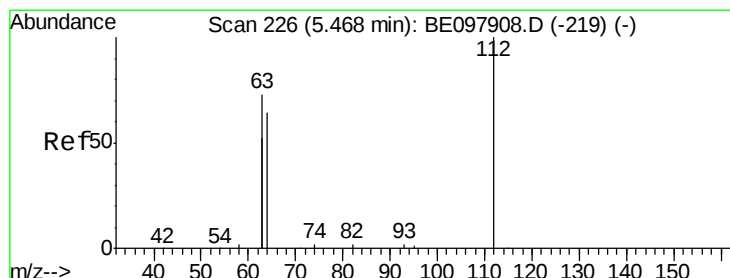
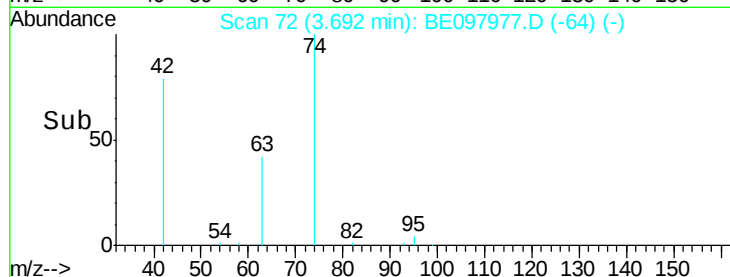
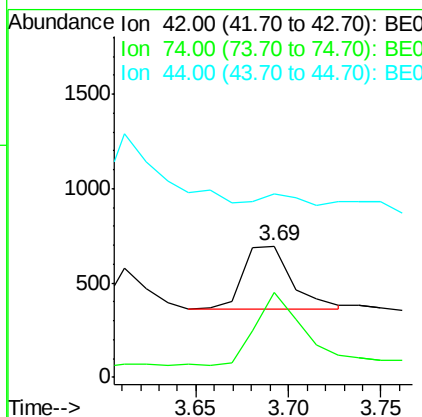
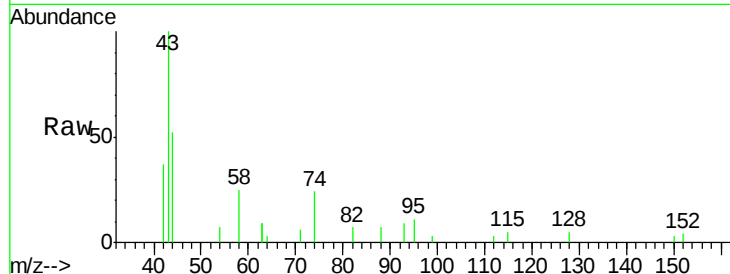
#3
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.8	77.6	116.4#
44	11.7	7.6	11.4#

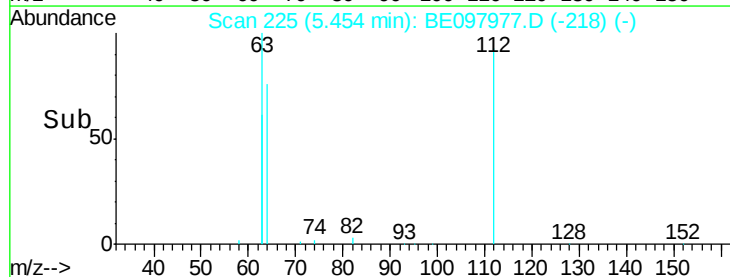
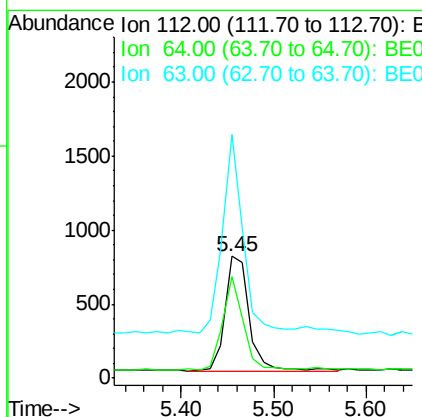
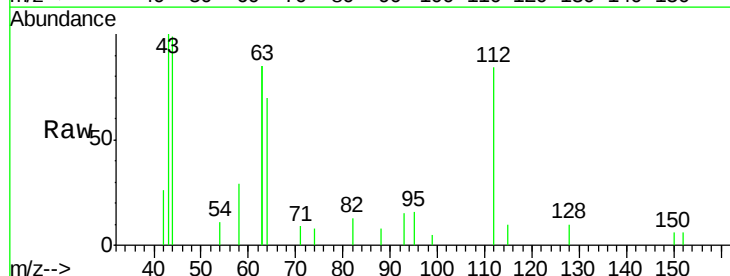
Manual Integrations
APPROVED

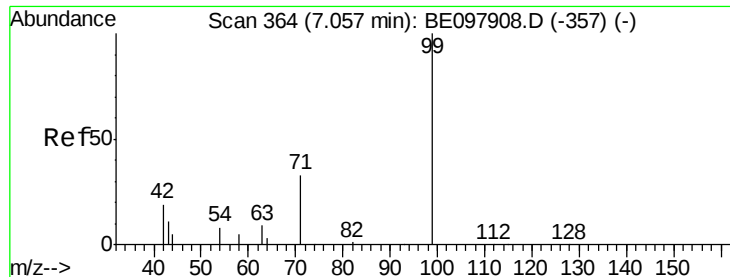
Sohil
10/19/2018 3:59:17 PM



#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	58.9	88.3
63	144.2	120.3	180.5





#5

Phenol-d6

Concen: 0.117 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

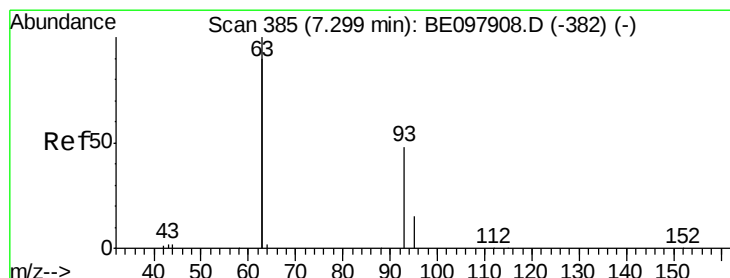
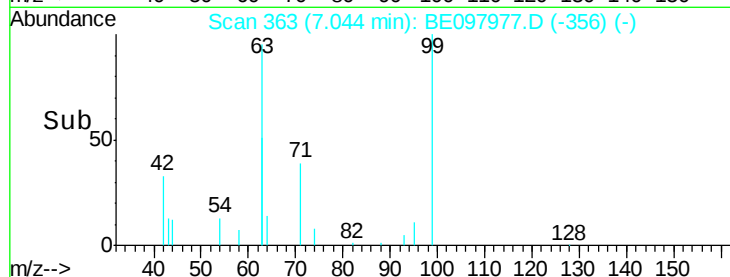
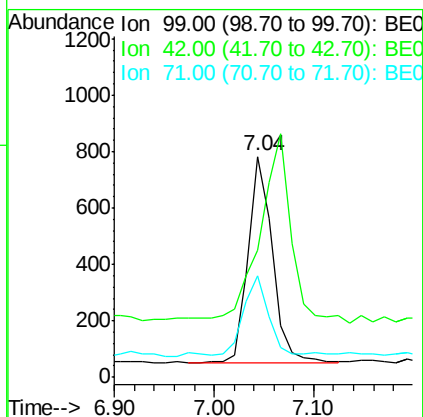
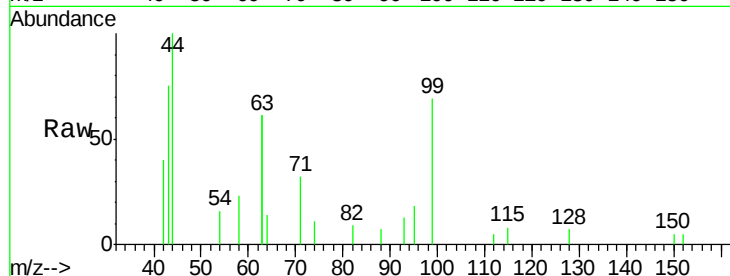
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	99	Resp:	1241
Ion Ratio	Lower	Upper	
99	100		
42	0.0	19.9	29.9#
71	39.5	27.8	41.8

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.346 ng

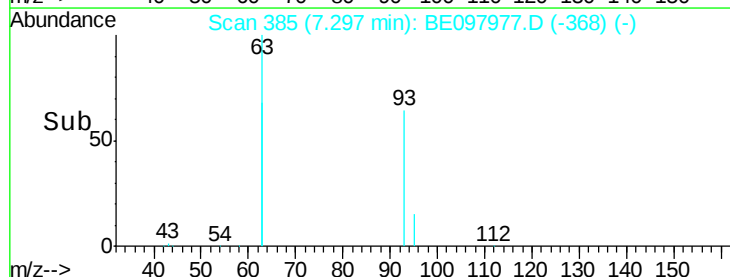
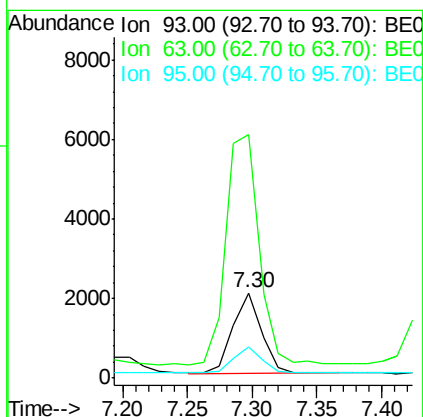
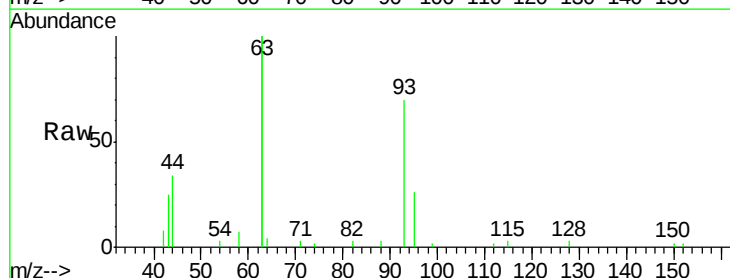
RT: 7.30 min Scan# 385

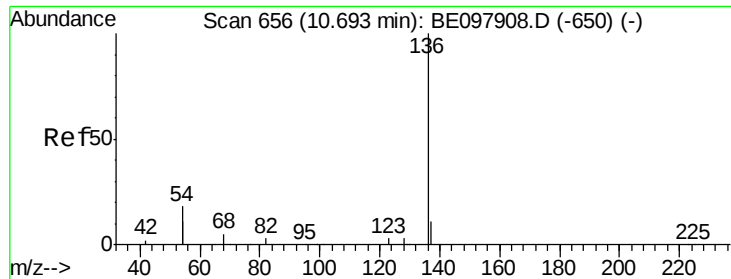
Delta R.T. -0.00 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion:	93	Resp:	3105
Ion Ratio	Lower	Upper	
93	100		
63	332.3	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: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

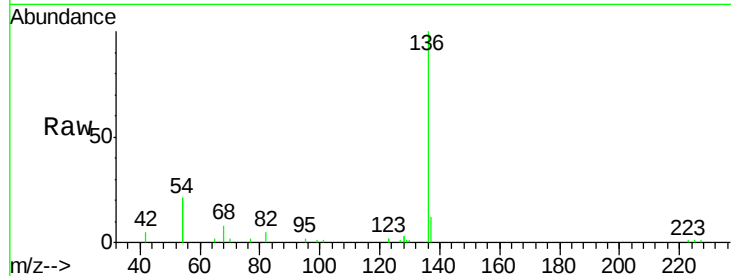
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	42.2	27.7	41.5#
68	8.2	5.3	7.9#

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



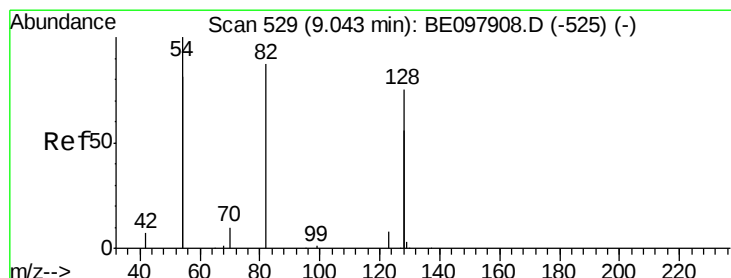
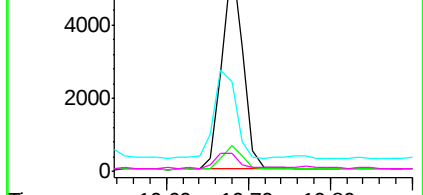
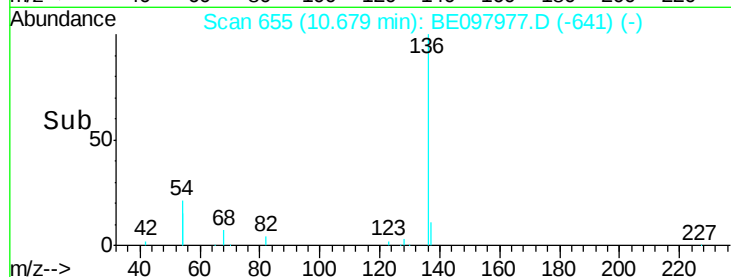
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.387 ng

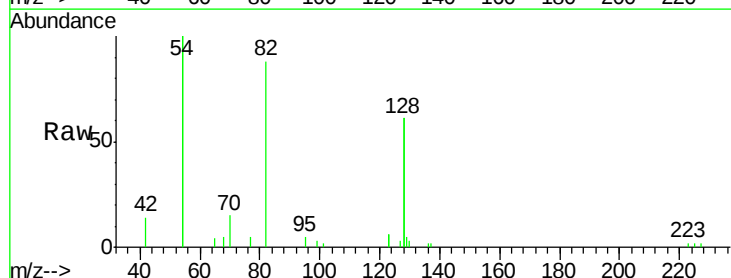
RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	138.3	129.9	194.9
54	227.8	174.0	261.0

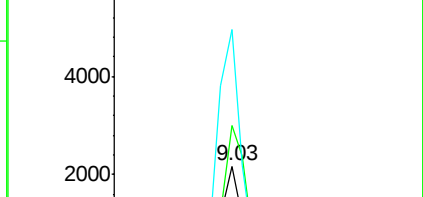
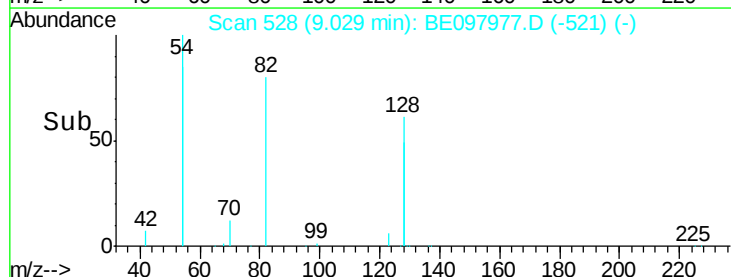


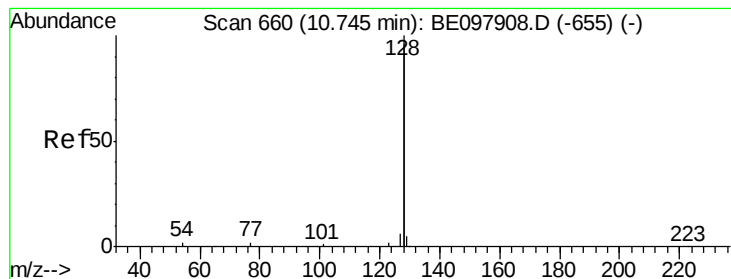
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#9

Naphthalene

Concen: 0.424 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

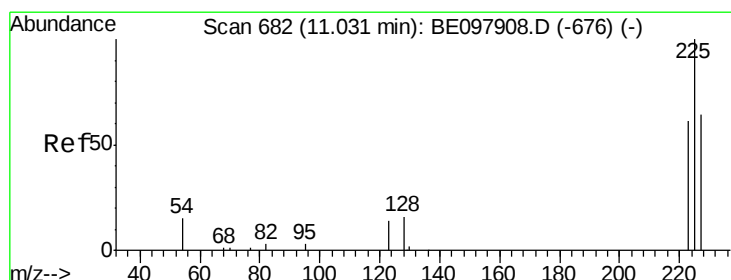
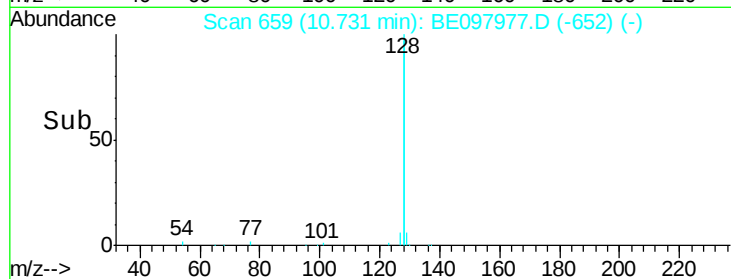
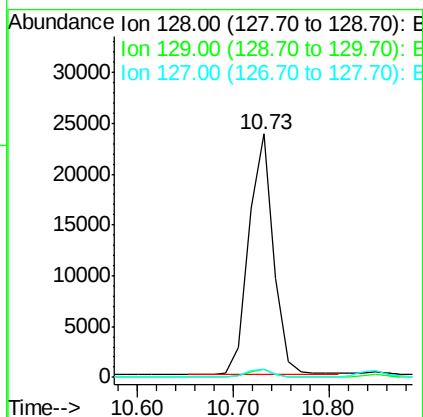
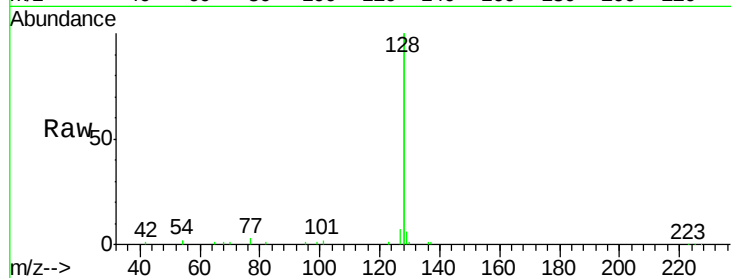
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	128	Resp:	42165
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.5	3.7
127	3.3	2.8	4.2

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



#10

Hexachlorobutadiene

Concen: 0.343 ng

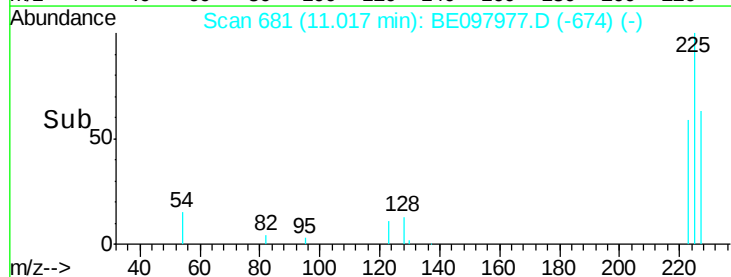
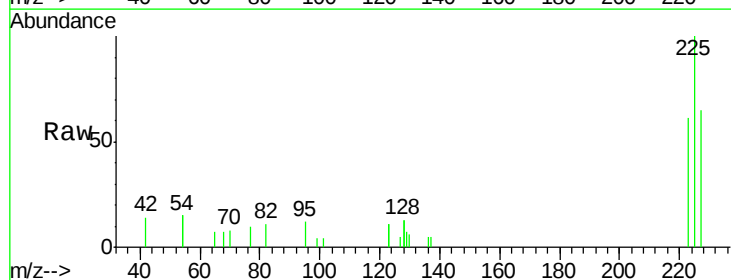
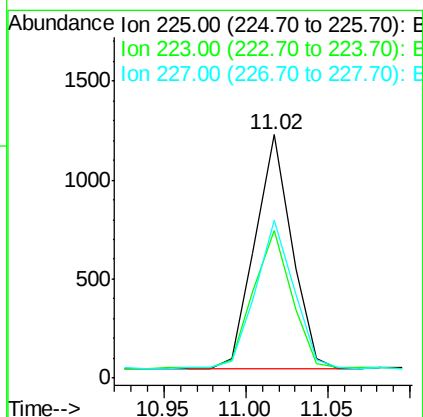
RT: 11.02 min Scan# 681

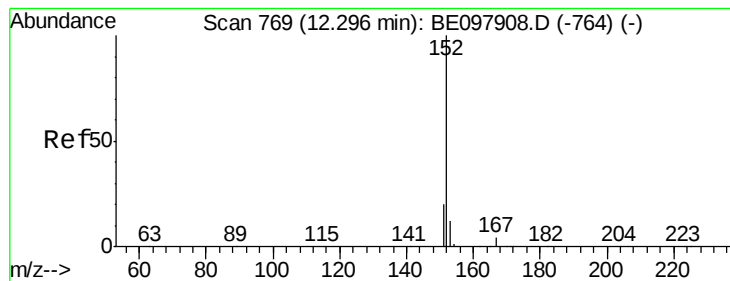
Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion:	225	Resp:	1839
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.8	77.8
227	66.7	53.0	79.6





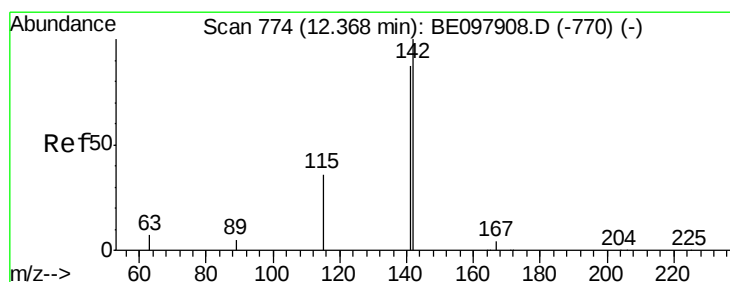
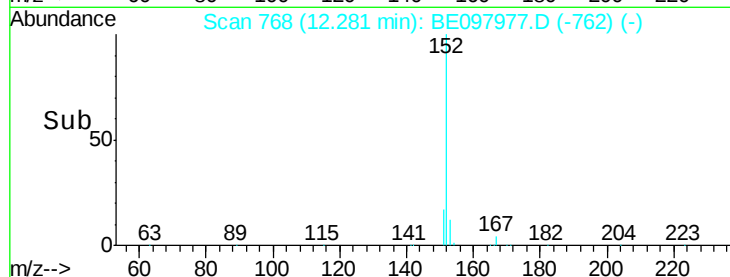
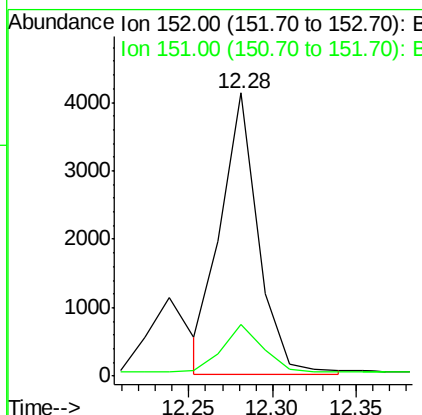
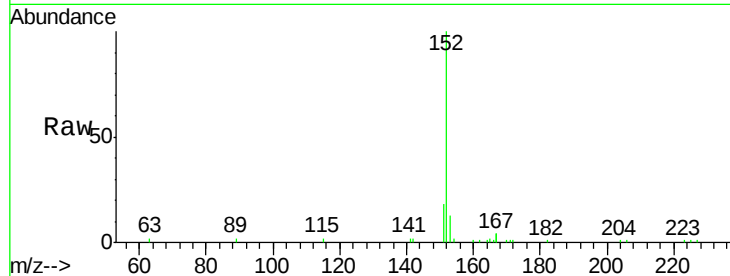
#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng m
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MSD

Tgt Ion:152 Resp: 6488
 Ion Ratio Lower Upper
 152 100
 151 18.8 16.2 24.4

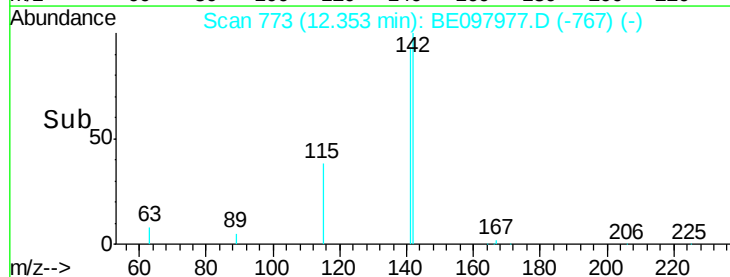
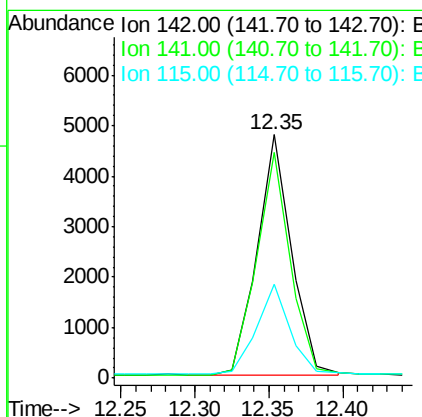
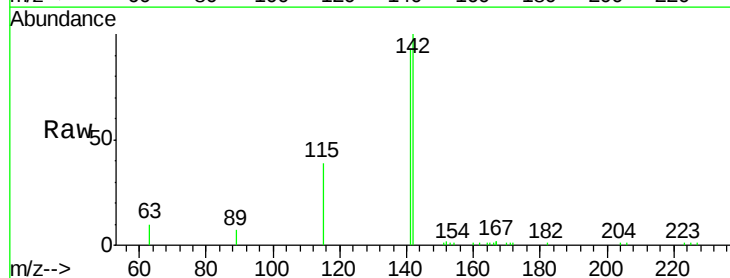
Manual Integrations
 APPROVED

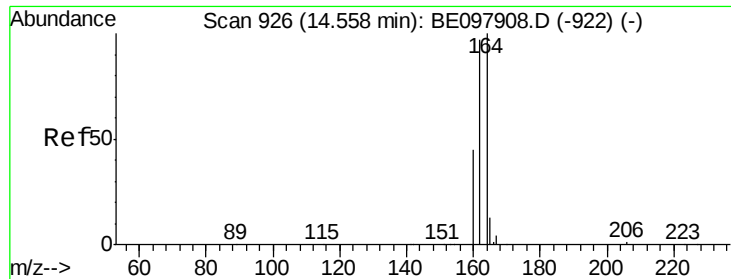
Sohil
 10/19/2018 3:59:17 PM



#12
 2-Methylnaphthalene
 Concen: 0.445 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Tgt Ion:142 Resp: 7571
 Ion Ratio Lower Upper
 142 100
 141 92.8 69.8 104.6
 115 38.7 30.5 45.7





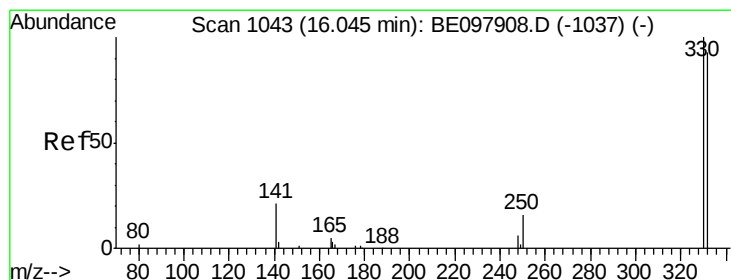
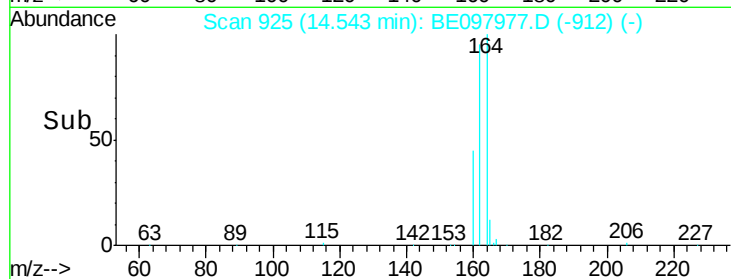
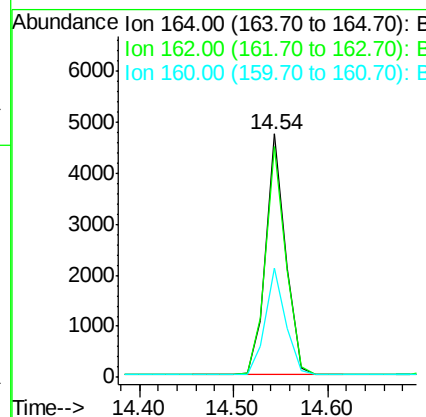
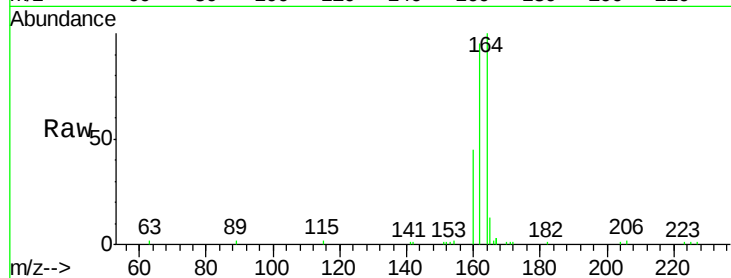
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	77.4	116.2
160	45.1	36.5	54.7

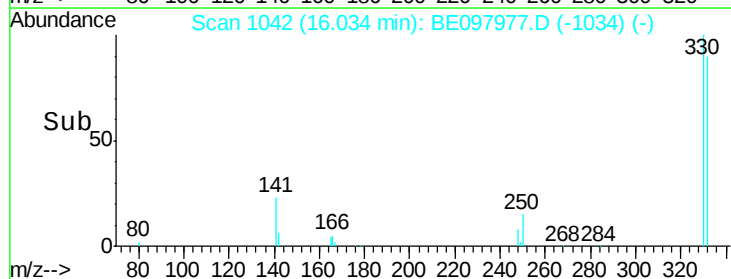
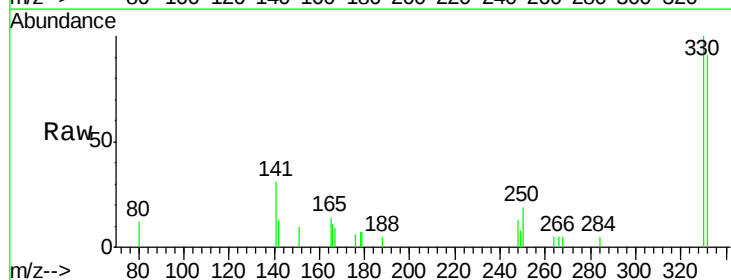
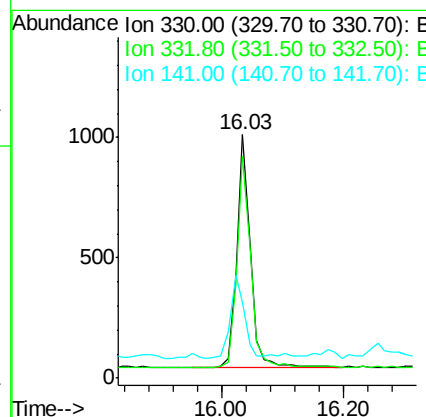
Manual Integrations
 APPROVED

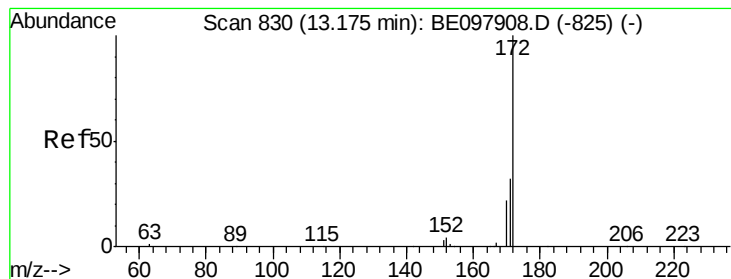
Sohil
 10/19/2018 3:59:17 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.398 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.5	114.7
141	36.7	31.8	47.6





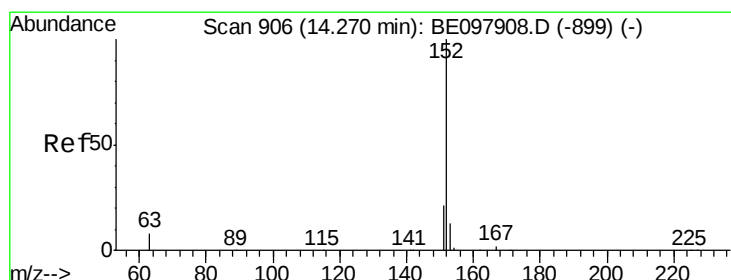
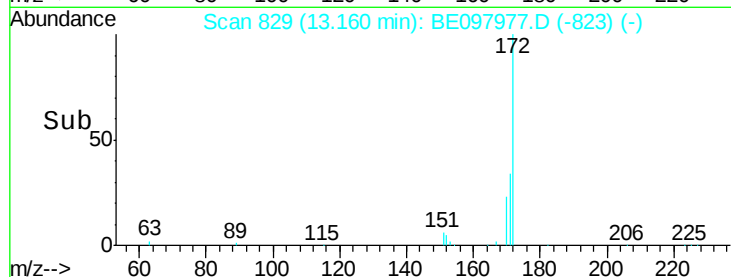
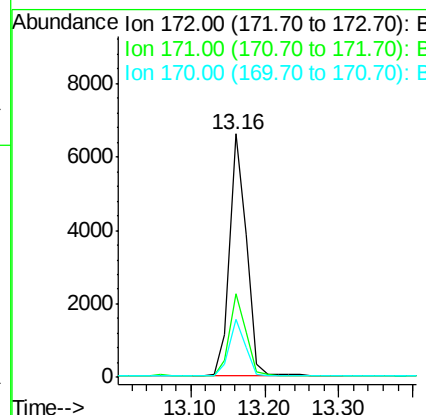
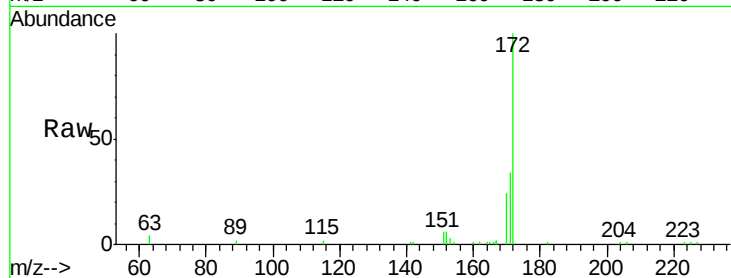
#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.0	39.0
170	23.7	18.0	27.0

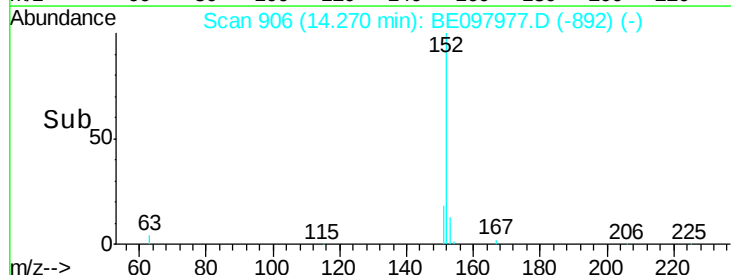
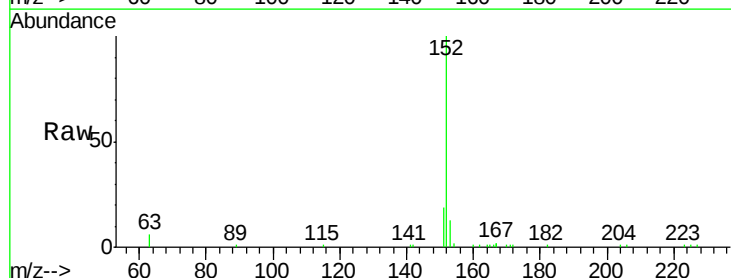
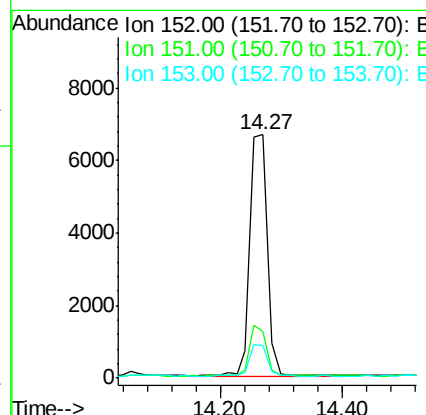
Manual Integrations
 APPROVED

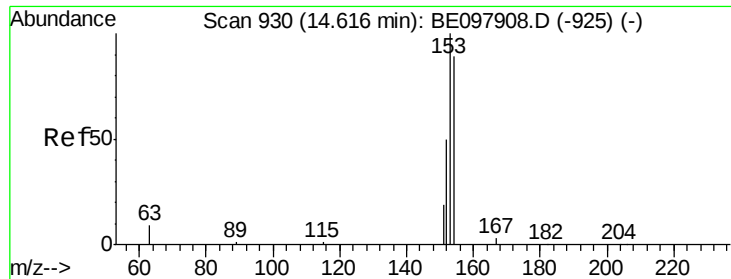
Sohil
 10/19/2018 3:59:17 PM



#16
 Acenaphthylene
 Concen: 0.409 ng
 RT: 14.27 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.9	16.3





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

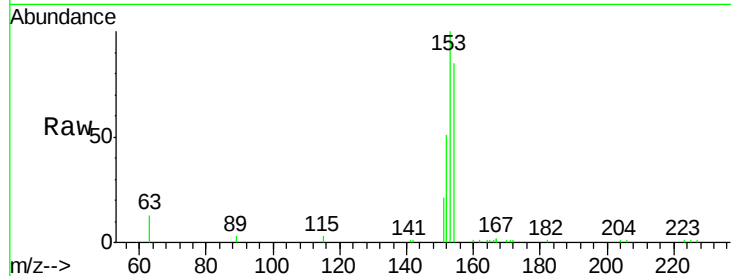
ClientSampleId :

RE-109D2-20181005MSD

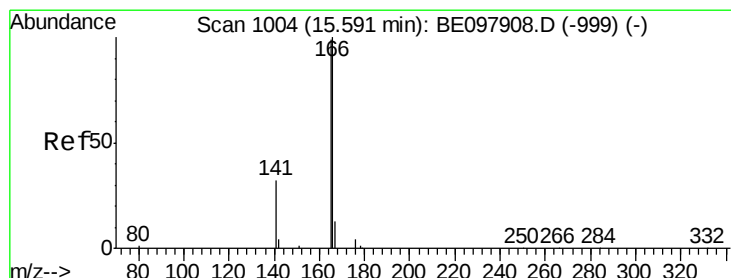
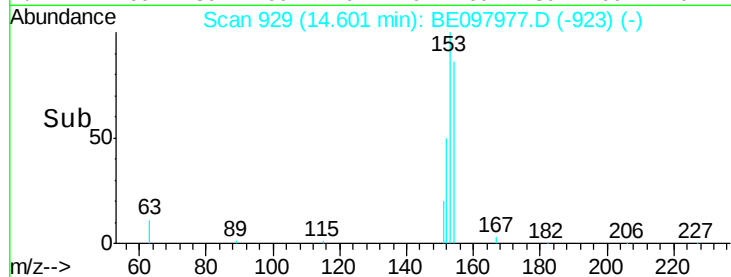
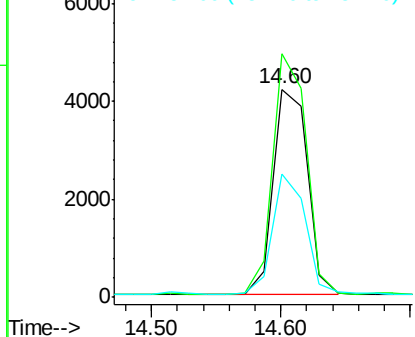
Tgt Ion:	154	Resp:	7669
Ion Ratio	Lower	Upper	
154	100		
153	115.5	92.6	139.0
152	56.9	45.5	68.3

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.419 ng

RT: 15.58 min Scan# 1003

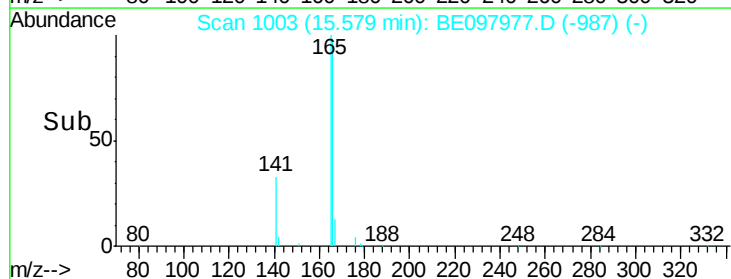
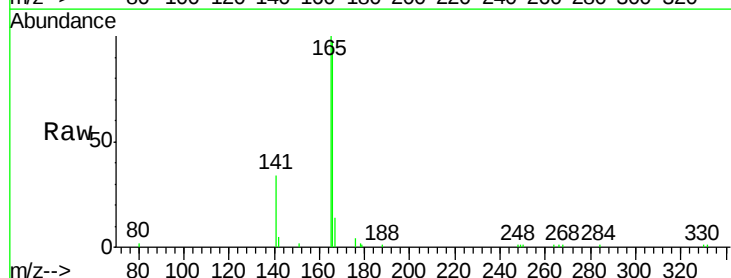
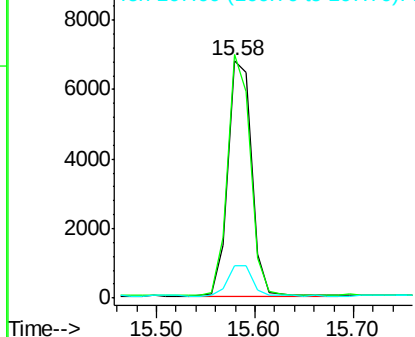
Delta R.T. -0.01 min

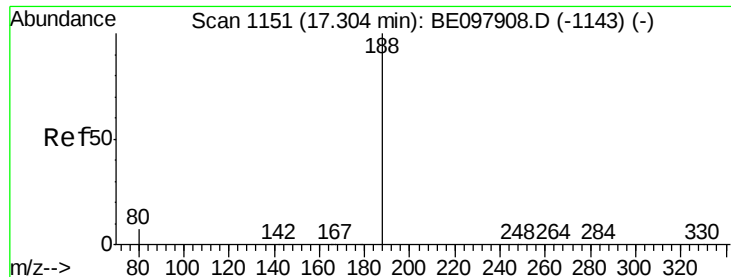
Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion:	166	Resp:	11317
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.2	117.4
167	13.9	11.0	16.6

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

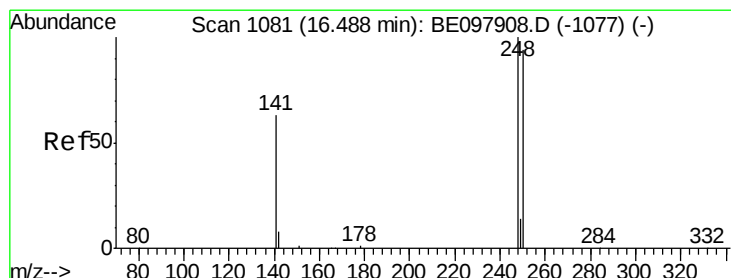
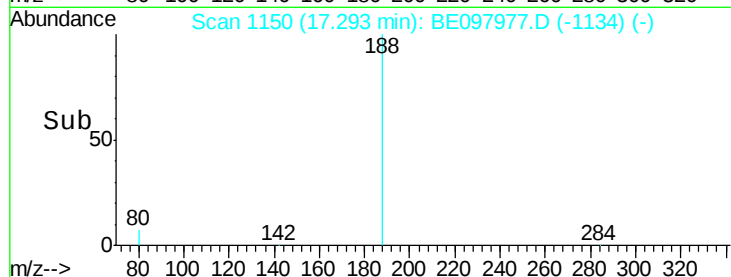
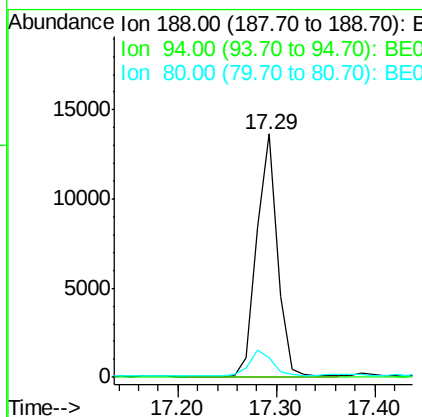
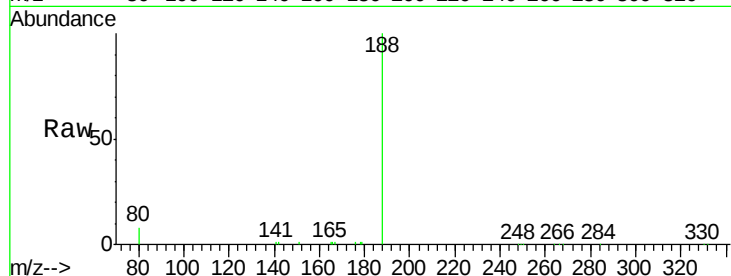
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	188	Resp:	19706
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



#20

4-Bromophenyl-phenylether

Concen: 0.380 ng

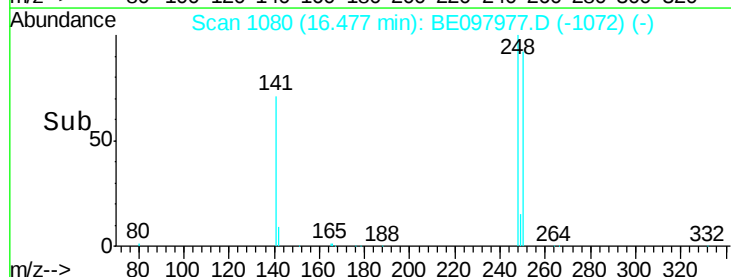
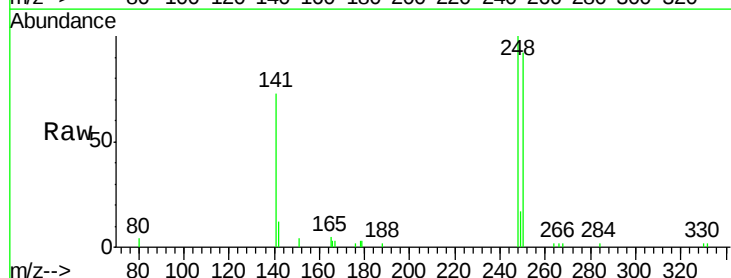
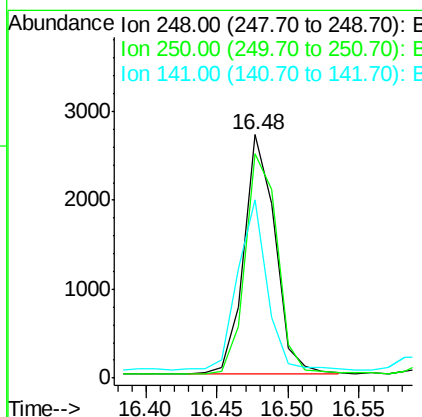
RT: 16.48 min Scan# 1080

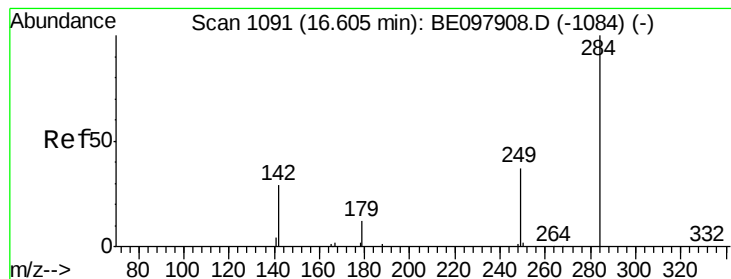
Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion:	248	Resp:	4097
Ion Ratio	Lower	Upper	
248	100		
250	92.2	75.1	112.7
141	73.5	51.8	77.8





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

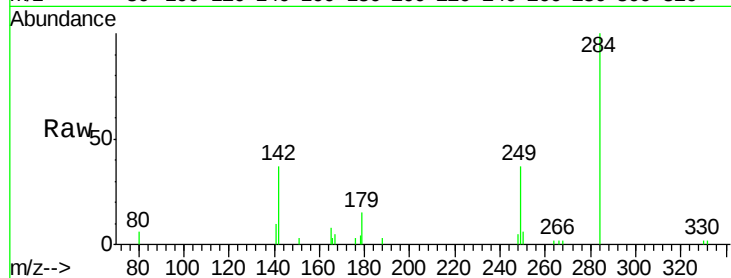
ClientSampleId :

RE-109D2-20181005MSD

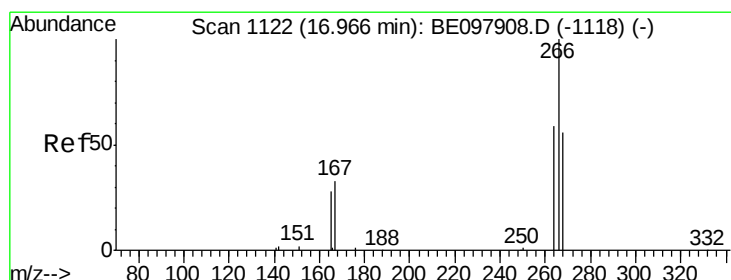
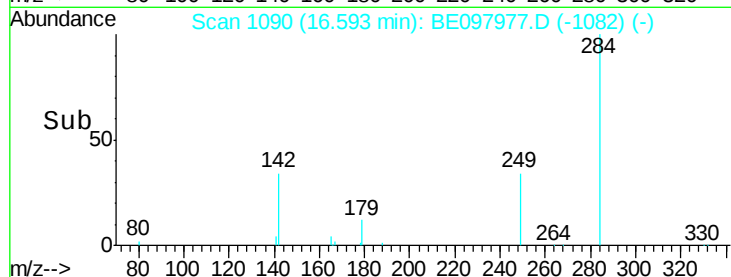
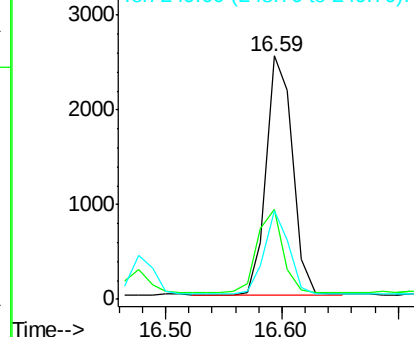
Tgt Ion:	284	Resp:	3981
Ion Ratio	Lower	Upper	
284	100		
142	35.0	25.9	38.9
249	32.6	26.6	40.0

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 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: 0.694 ng

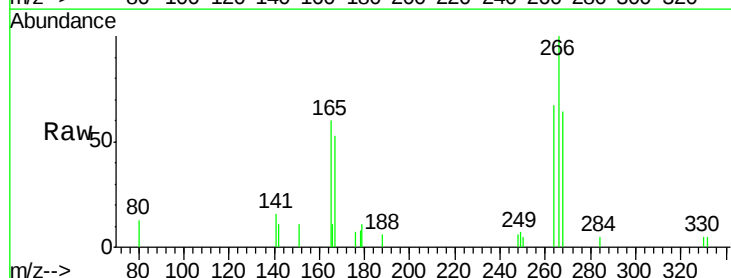
RT: 16.94 min Scan# 1120

Delta R.T. -0.02 min

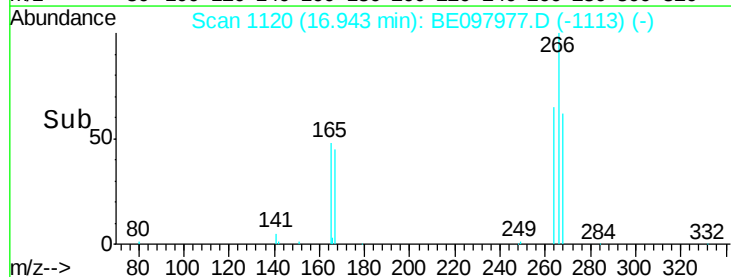
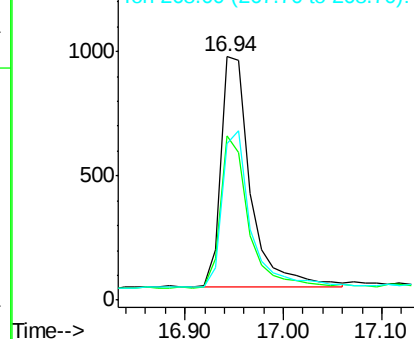
Lab File: BE097977.D

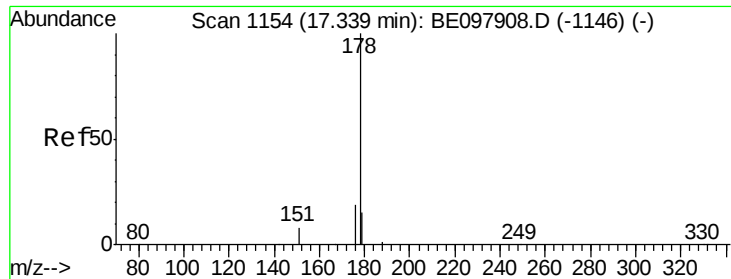
Acq: 18 Oct 2018 14:55

Tgt Ion:	266	Resp:	1973
Ion Ratio	Lower	Upper	
266	100		
264	67.2	51.3	76.9
268	64.2	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





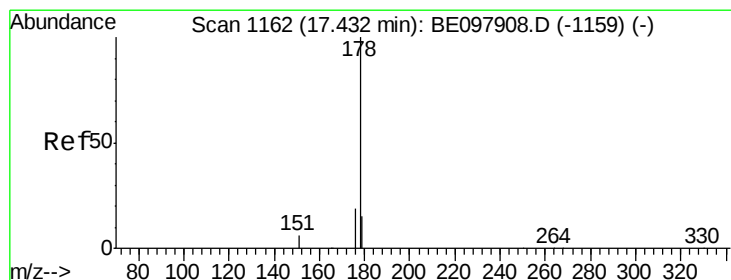
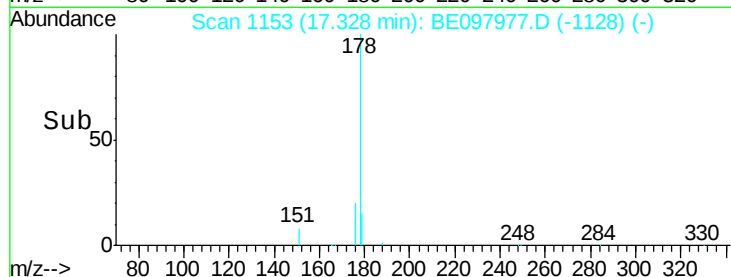
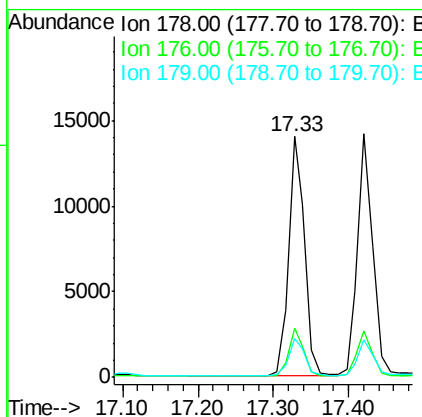
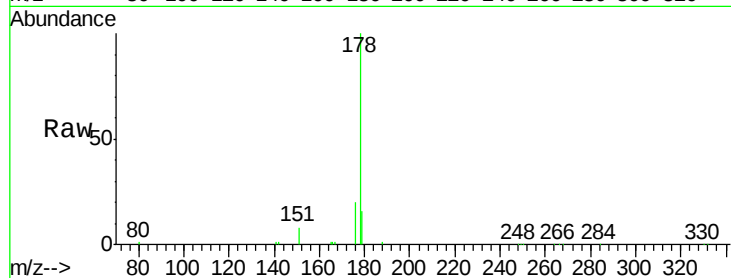
#23
Phenanthrene
Concen: 0.419 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.5	12.2	18.4

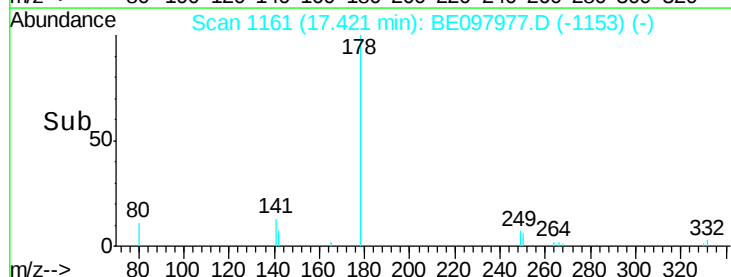
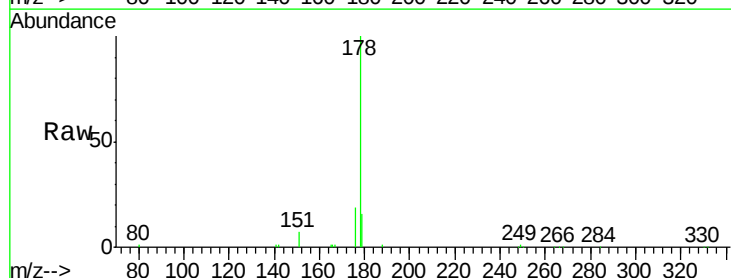
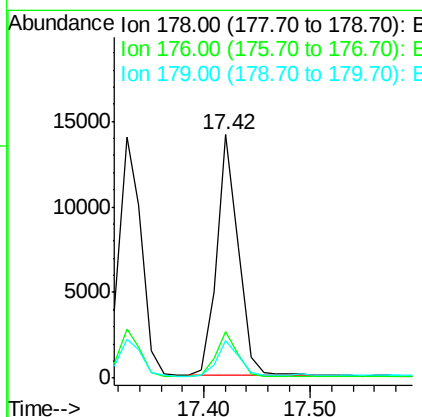
Manual Integrations
APPROVED

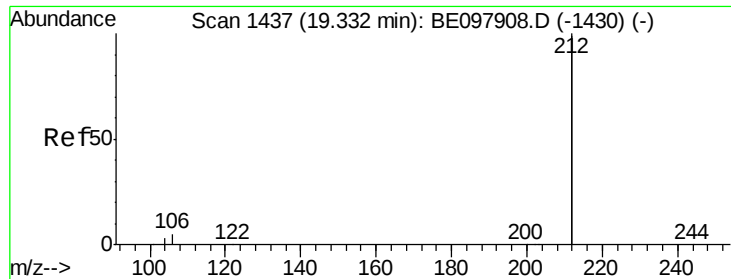
Sohil
10/19/2018 3:59:17 PM



#24
Anthracene
Concen: 0.420 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.0	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

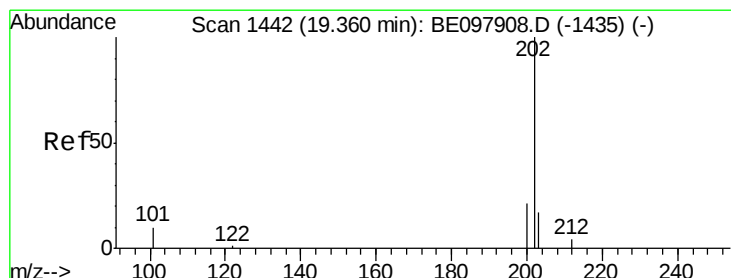
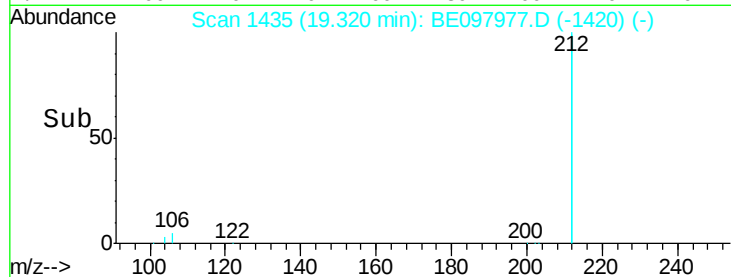
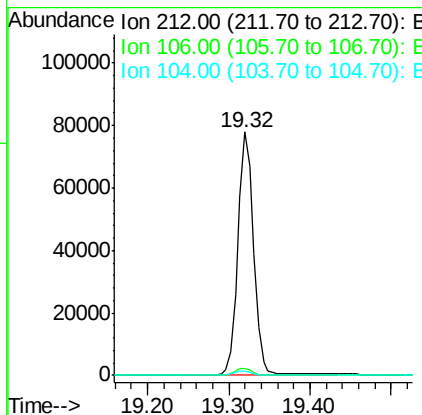
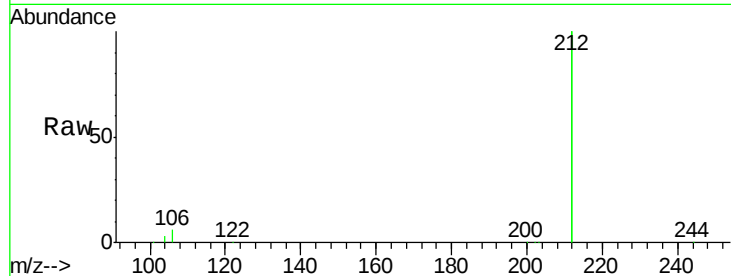
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	102823		
106	2.8		2.3	3.5
104	1.6		1.3	1.9

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



#26

Fluoranthene

Concen: 0.412 ng

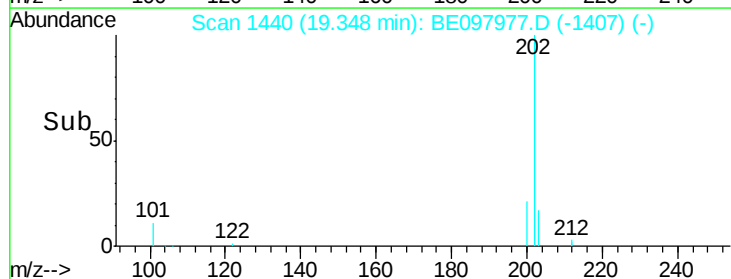
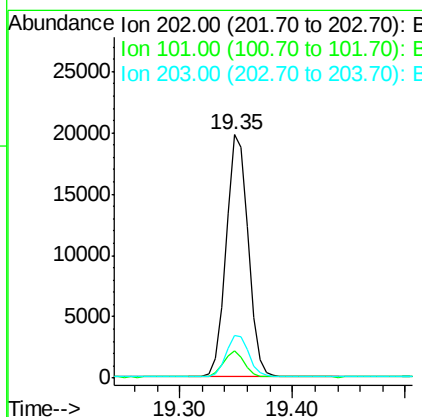
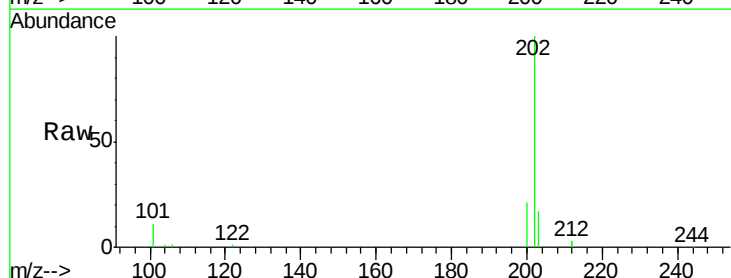
RT: 19.35 min Scan# 1440

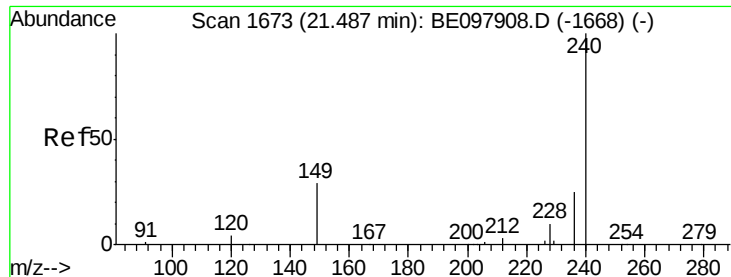
Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27082		
101	10.3		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: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

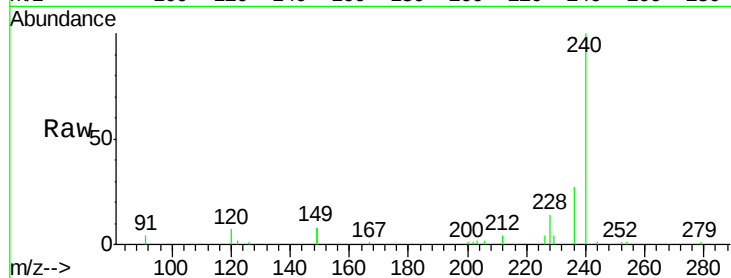
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.1	10.7#
236	27.0	21.3	31.9

Manual Integrations
APPROVED

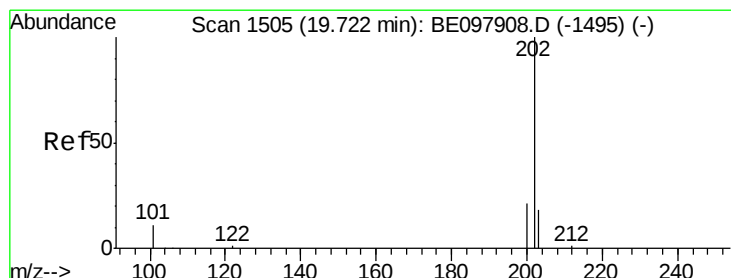
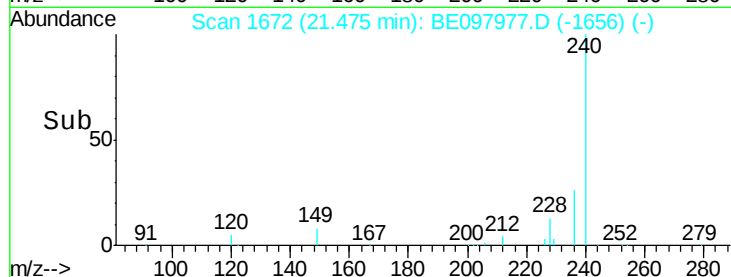
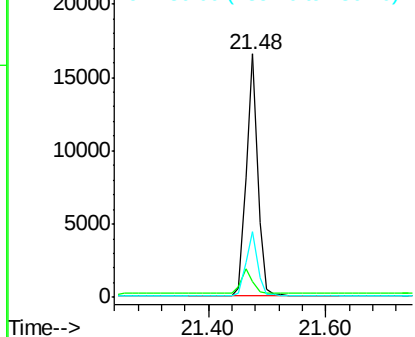
Sohil
10/19/2018 3:59:17 PM



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: 0.420 ng

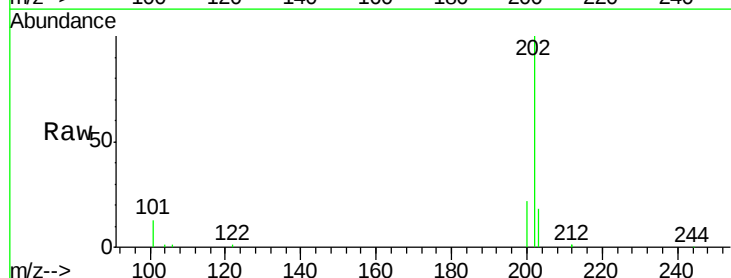
RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

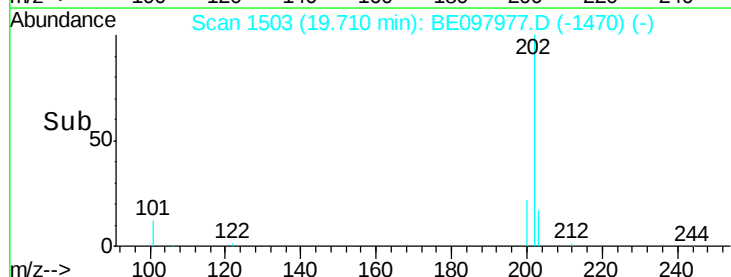
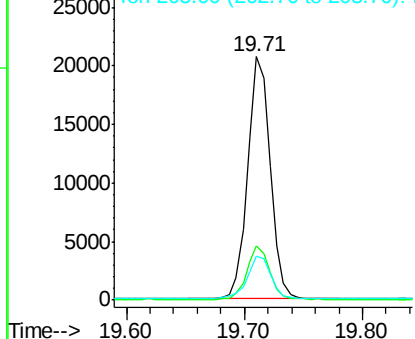
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.1	14.2	21.4

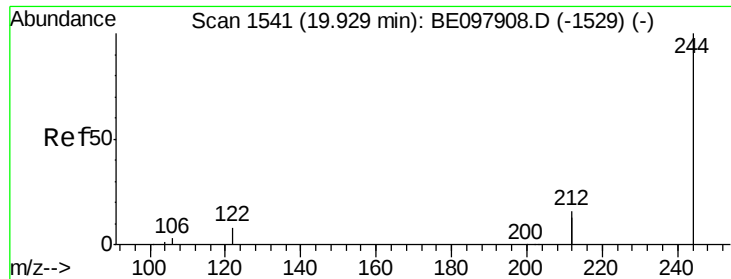


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097977.D

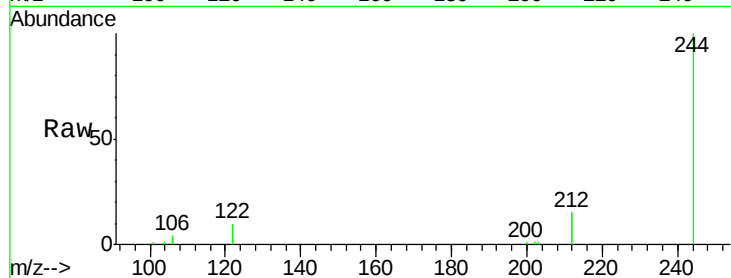
Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

ClientSampleId :

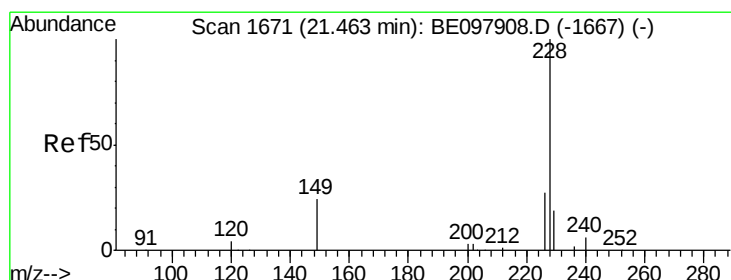
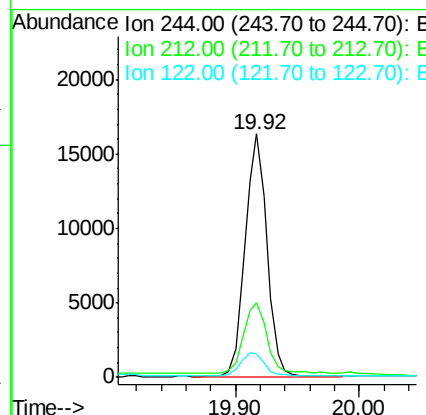
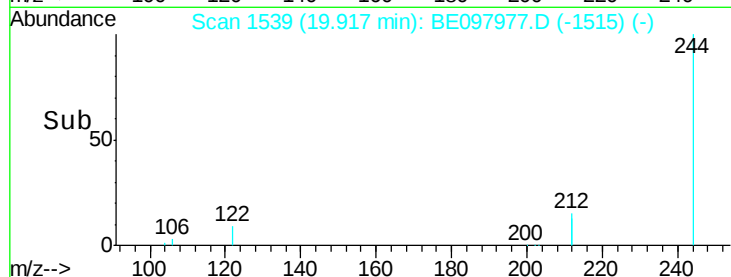
RE-109D2-20181005MSD



Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.9	26.2	39.2
122	9.6	7.7	11.5

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



#30

Benzo(a)anthracene

Concen: 0.423 ng

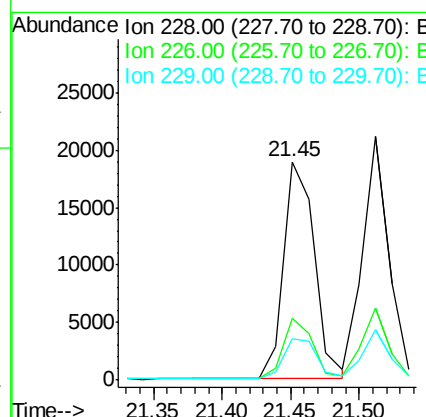
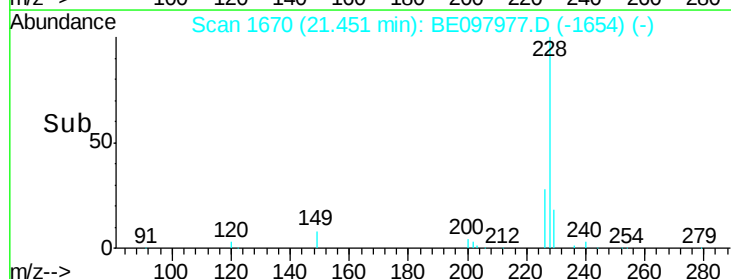
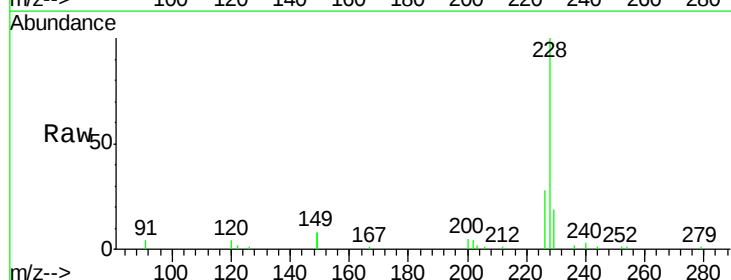
RT: 21.45 min Scan# 1670

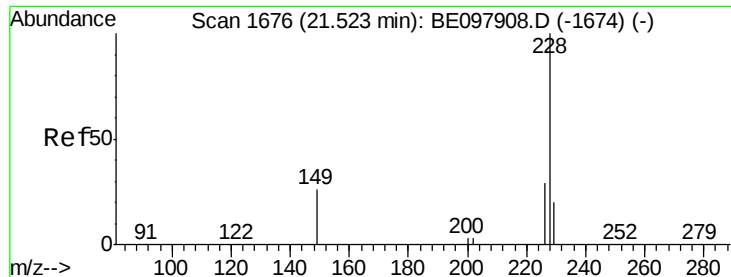
Delta R.T. -0.01 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.1	16.9	25.3





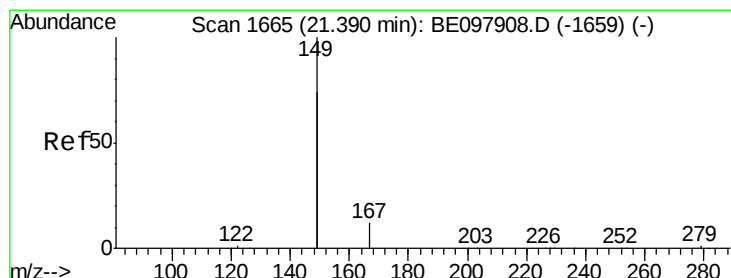
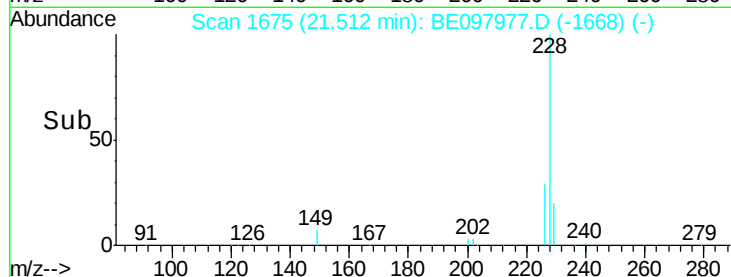
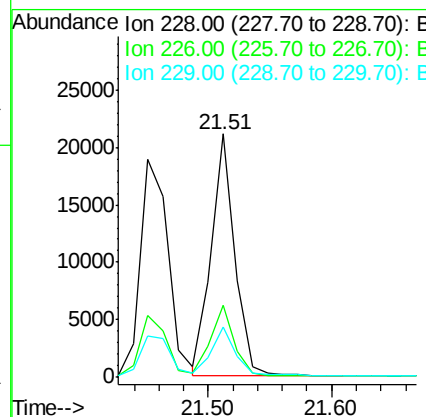
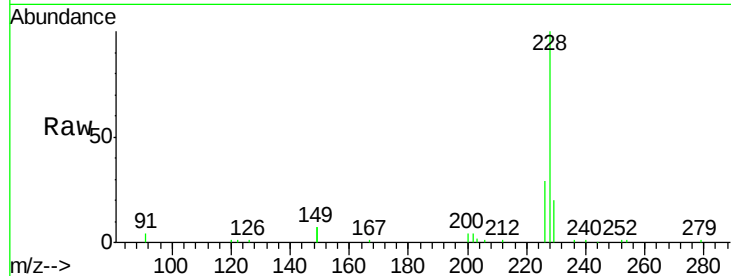
#31
Chrysene
 Concen: 0.424 ng
 RT: 21.51 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	20.5	17.3	25.9

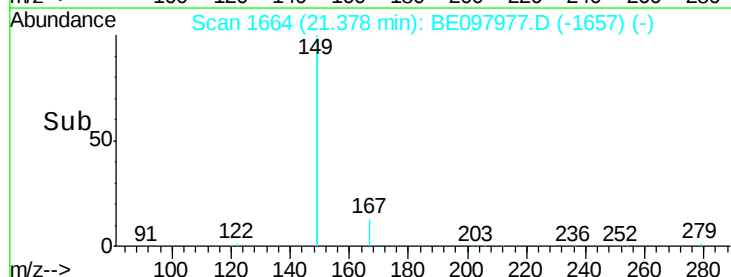
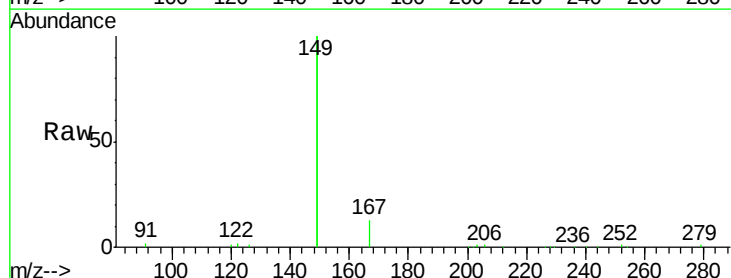
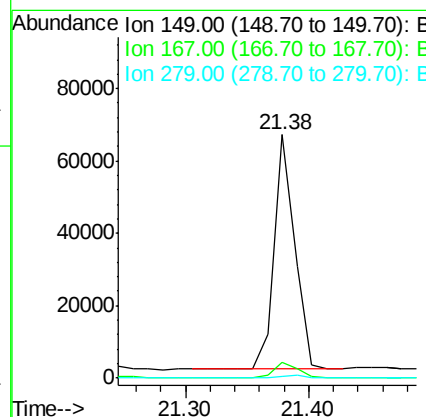
Manual Integrations
 APPROVED

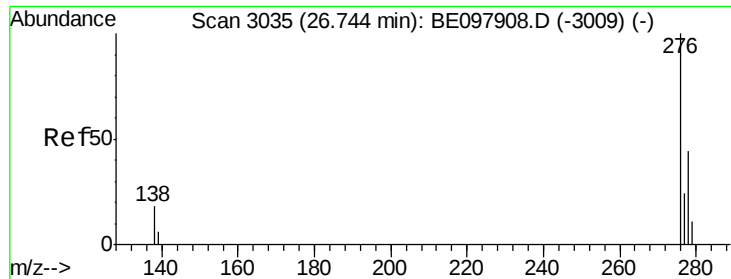
Sohil
 10/19/2018 3:59:17 PM



#32
Bis(2-ethylhexyl)phthalate
 Concen: 0.498 ng
 RT: 21.38 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3





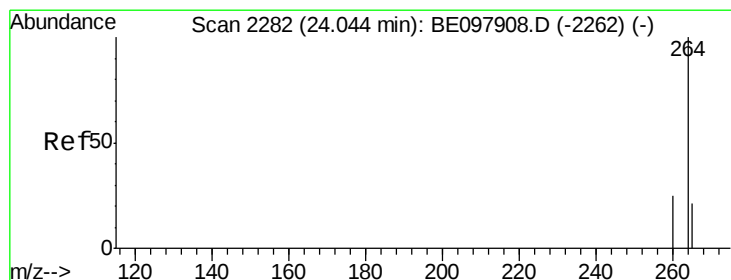
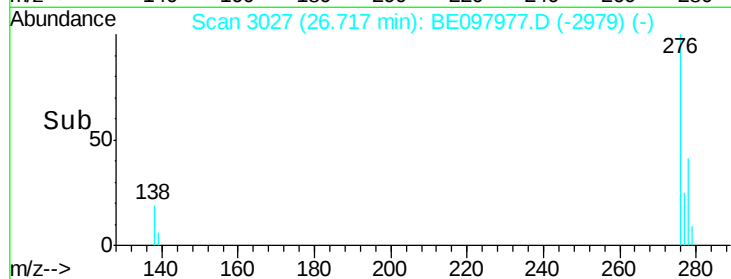
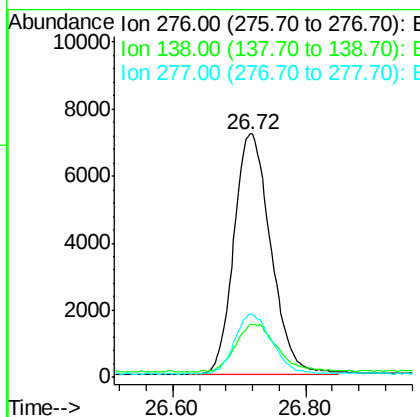
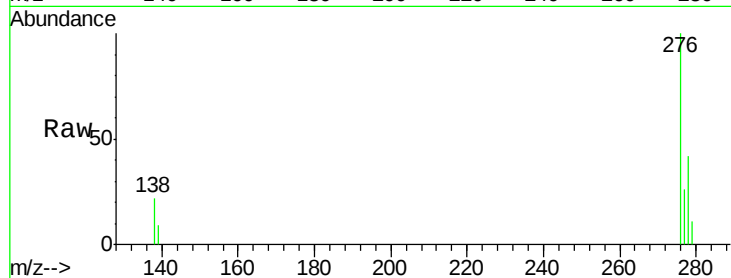
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.373 ng
 RT: 26.72 min Scan# 3027
 Delta R.T. -0.03 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	27732		
138	21.9	17.0	25.6	
277	24.9	20.5	30.7	

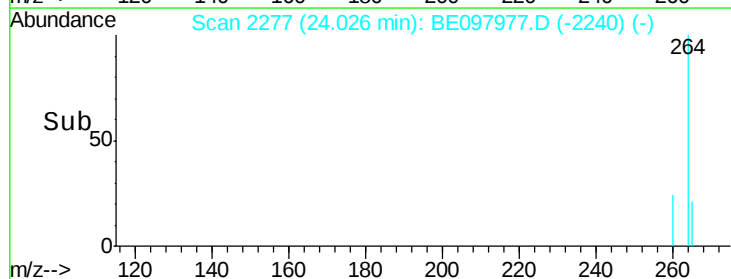
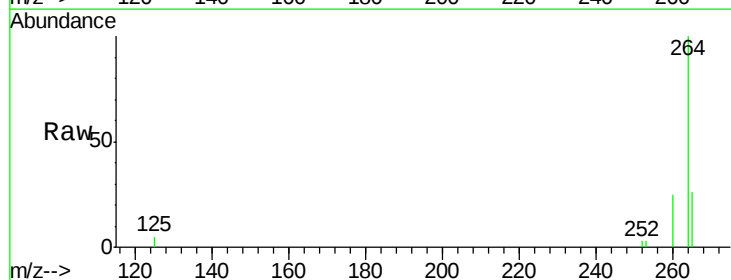
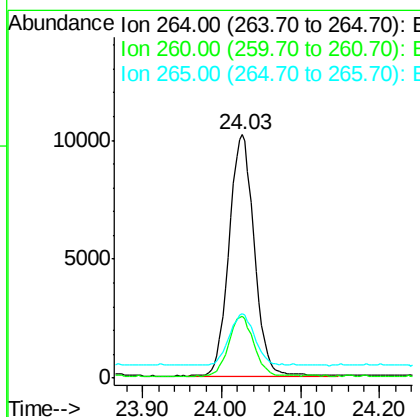
Manual Integrations
 APPROVED

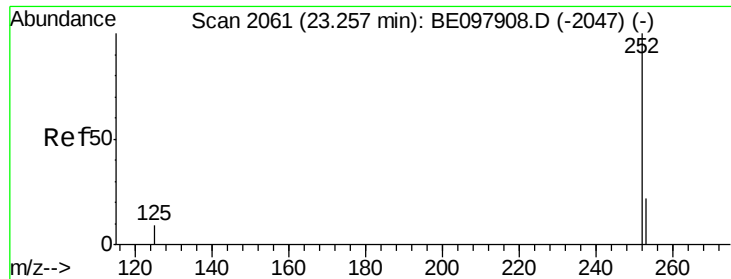
Sohil
 10/19/2018 3:59:17 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE097977.D
 Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	22380		
260	25.2	21.1	31.7	
265	26.4	29.2	43.8	





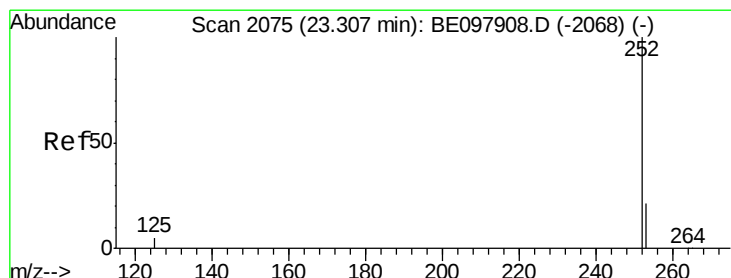
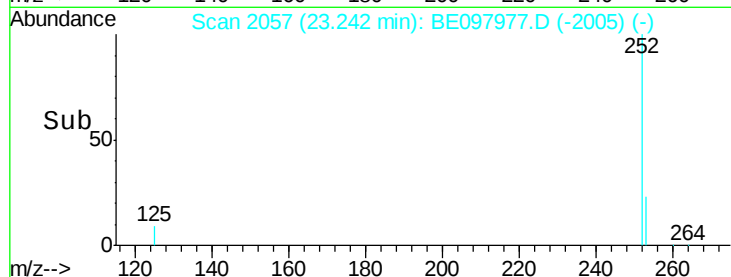
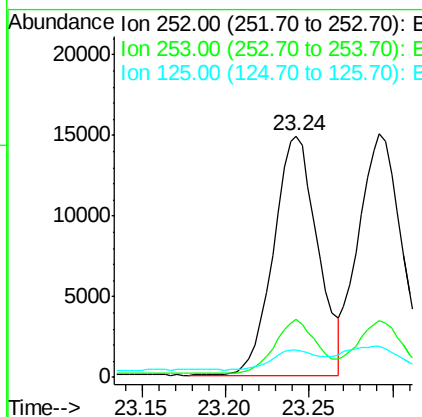
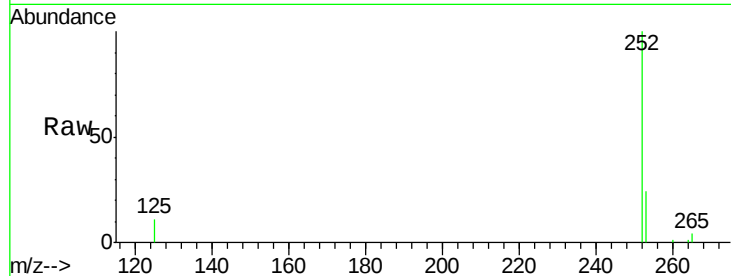
#35
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	31.0
125	11.5	14.3	21.5#

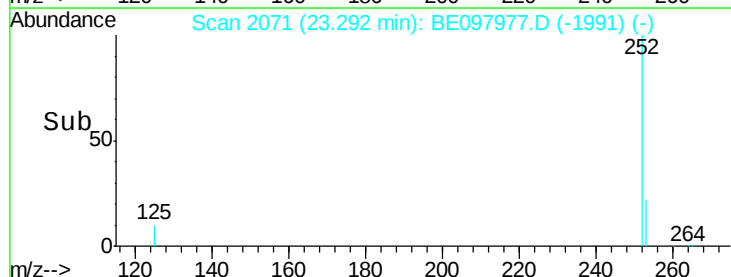
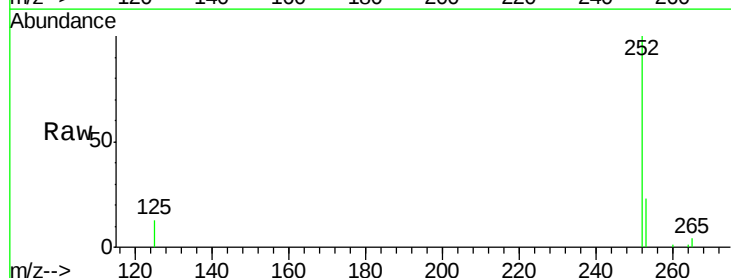
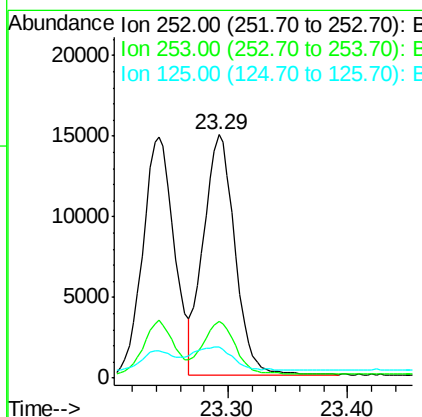
Manual Integrations
APPROVED

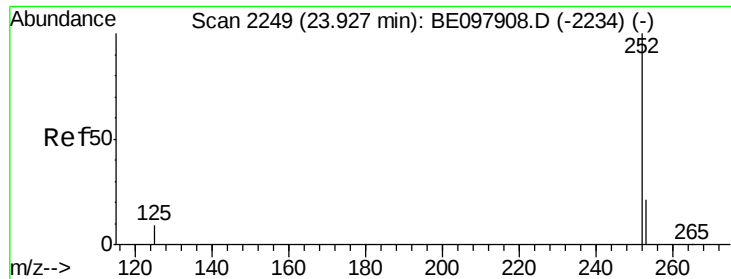
Sohil
10/19/2018 3:59:17 PM



#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.4	30.6
125	12.6	14.6	21.8#





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

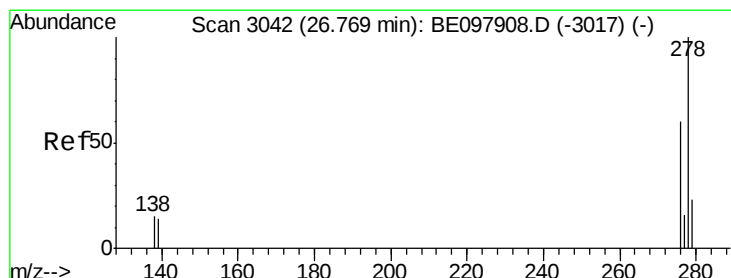
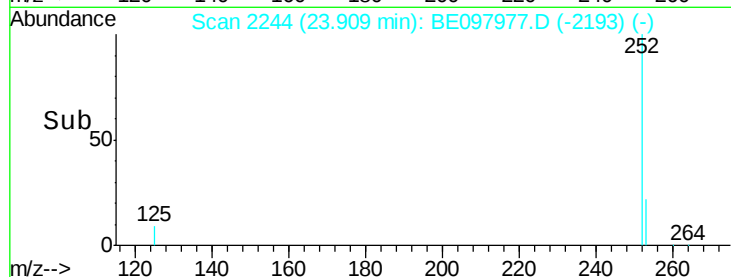
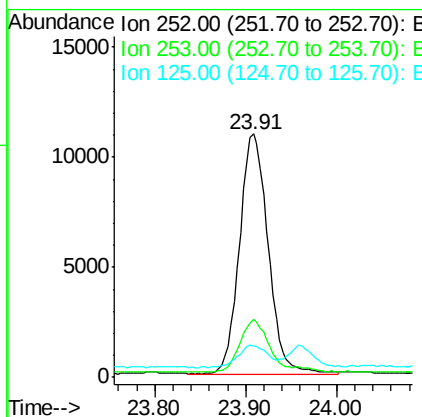
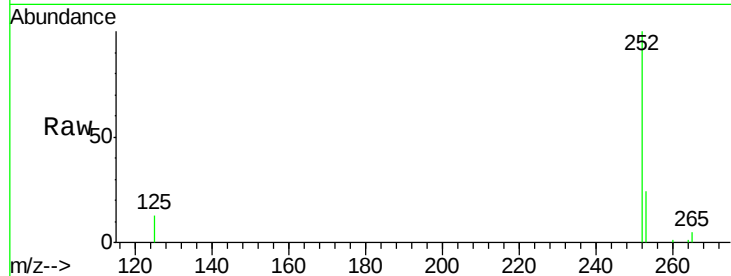
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	252	Resp:	23871
Ion Ratio	Lower	Upper	
252	100		
253	24.0	20.6	31.0
125	13.0	15.6	23.4#

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.386 ng

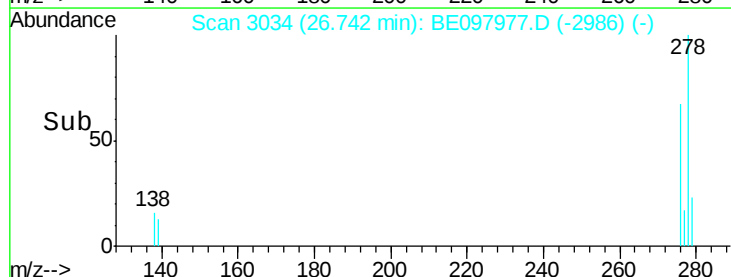
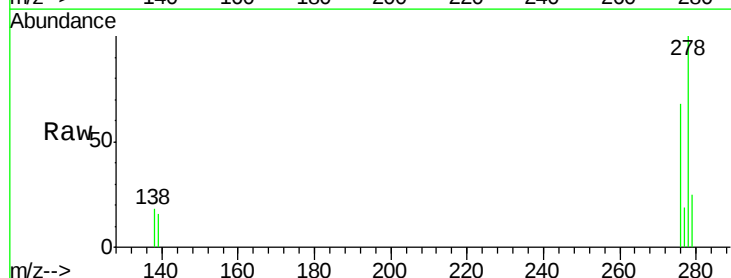
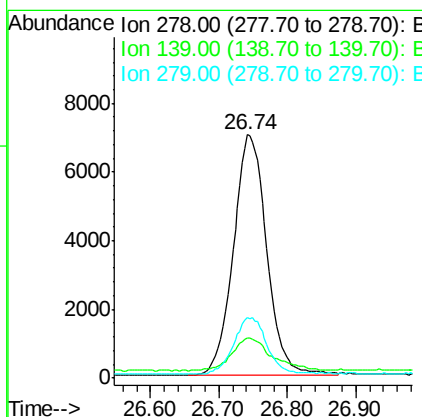
RT: 26.74 min Scan# 3034

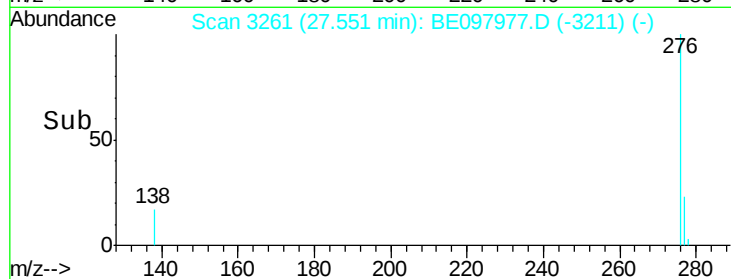
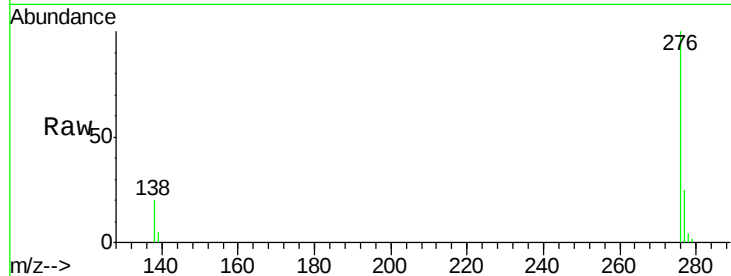
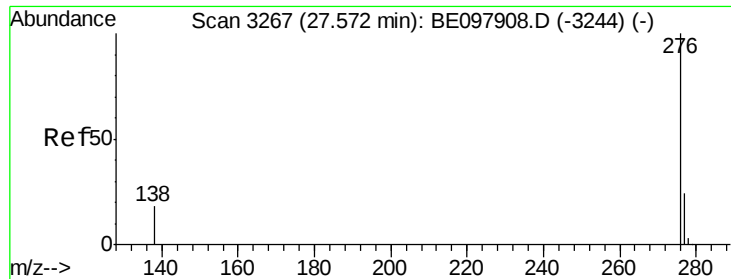
Delta R.T. -0.03 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Tgt Ion:	278	Resp:	23733
Ion Ratio	Lower	Upper	
278	100		
139	16.4	16.3	24.5
279	24.8	21.4	32.2





#39

Benzo(g,h,i)perylene

Concen: 0.321 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.02 min

Lab File: BE097977.D

Acq: 18 Oct 2018 14:55

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005MSD

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.8	22.1	33.1	
138	20.5	19.3	28.9	

Manual Integrations
APPROVED

Sohil
10/19/2018 3:59:17 PM

