

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098390.D
 Acq On : 13 Dec 2018 10:47
 Operator : SJ/JU
 Sample : J6325-09MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205MS

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:10:21 PM

Quant Time: Dec 13 11:24:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1009	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4117	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2536	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6800	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8923	0.40	ng	0.00
34) Perylene-d12	24.00	264	8286	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	529	0.22	ng	0.01
5) Phenol-d6	7.04	99	446	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1522	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2786m	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	522	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4547	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	40596	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	8019	0.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	12484	7.154	ng	99
3) n-Nitrosodimethylamine	3.69	42	276	0.176	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1146	0.361	ng	77
9) Naphthalene	10.71	128	22949	0.554	ng	100
10) Hexachlorobutadiene	10.99	225	1109	0.420	ng	99
12) 2-Methylnaphthalene	12.34	142	3852	0.572	ng	96
16) Acenaphthylene	14.24	152	7266	0.612	ng	98
17) Acenaphthene	14.59	154	4152	0.582	ng	96
18) Fluorene	15.57	166	6228	0.652	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1715	0.469	ng	# 84
21) Hexachlorobenzene	16.58	284	1747	0.444	ng	96
22) Pentachlorophenol	16.93	266	536	0.754	ng	89
23) Phenanthrene	17.31	178	11204	0.678	ng	100
24) Anthracene	17.41	178	9638	0.654	ng	99
26) Fluoranthene	19.33	202	16174	0.740	ng	99
28) Pyrene	19.69	202	16644	0.594	ng	99
30) Benzo(a)anthracene	21.44	228	17090	0.673	ng	100
31) Chrysene	21.50	228	16858	0.633	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	24056	0.466	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	16098	0.608	ng	99
35) Benzo(b)fluoranthene	23.22	252	16353m	0.722	ng	
36) Benzo(k)fluoranthene	23.27	252	18959	0.718	ng	97
37) Benzo(a)pyrene	23.89	252	16161	0.691	ng	97
38) Dibenzo(a,h)anthracene	26.71	278	13594	0.617	ng	99
39) Benzo(g,h,i)perylene	27.50	276	13089	0.590	ng	97

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

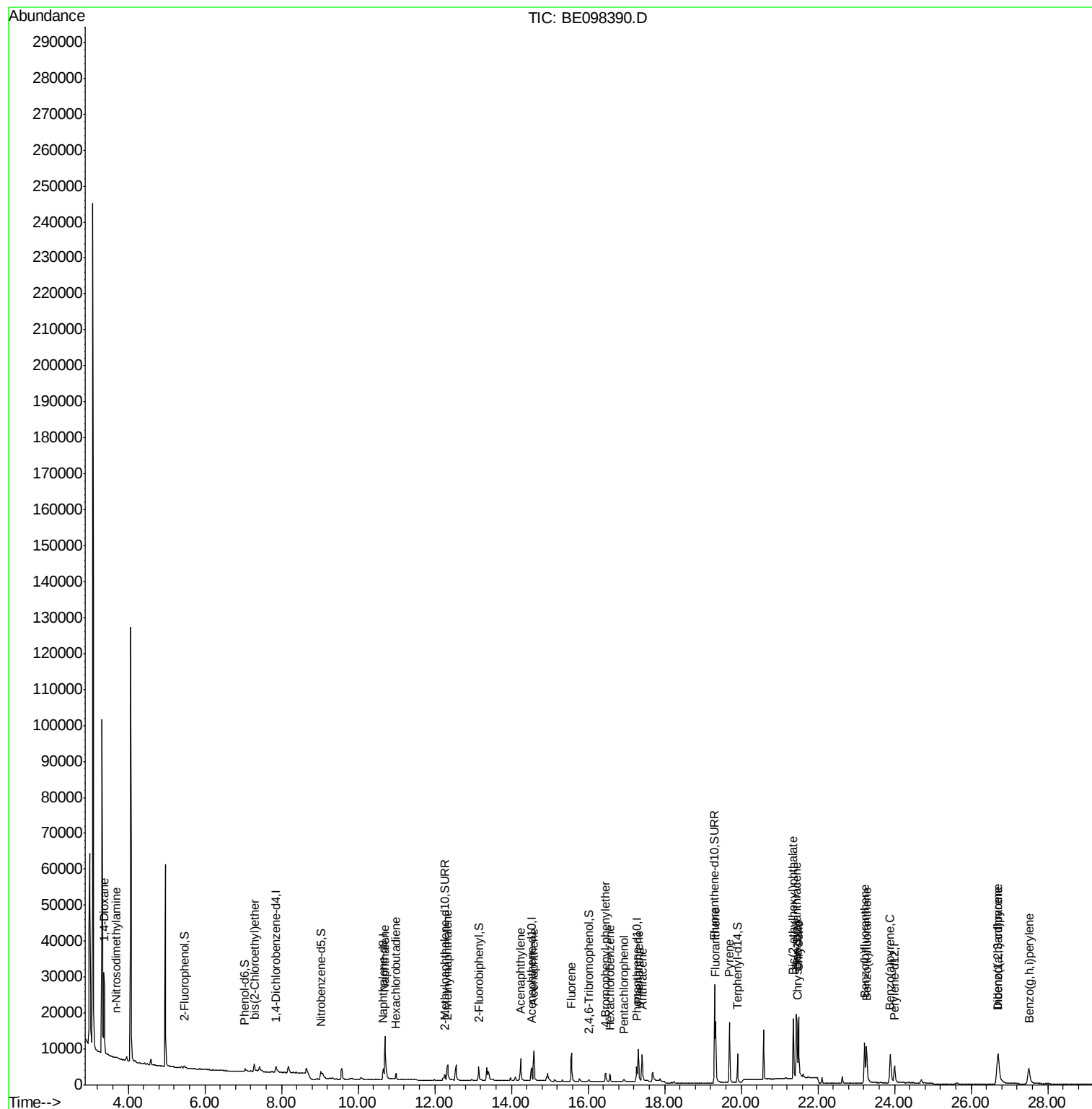
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098390.D
Acq On : 13 Dec 2018 10:47
Operator : SJ/JU
Sample : J6325-09MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

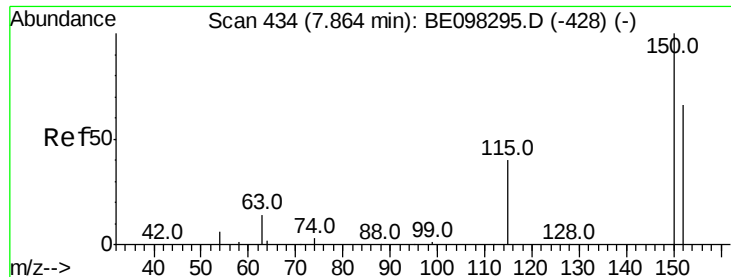
Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM

Quant Time: Dec 13 11:24:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

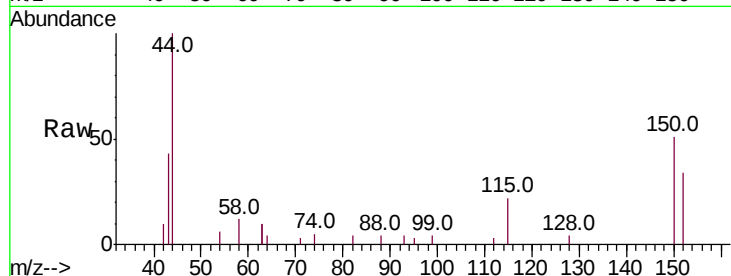
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.2	186.4
115	66.2	53.9	80.9

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM

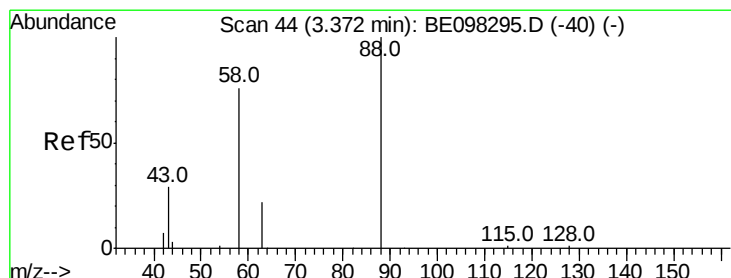
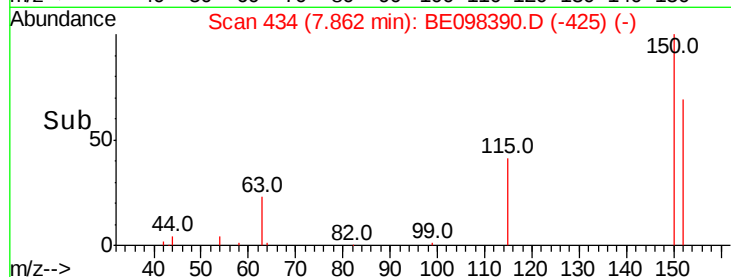
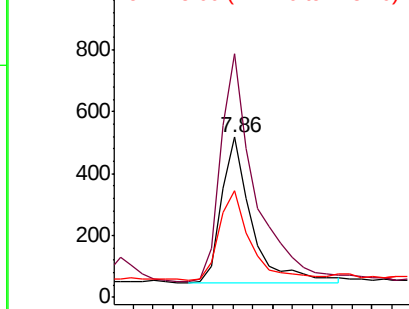


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

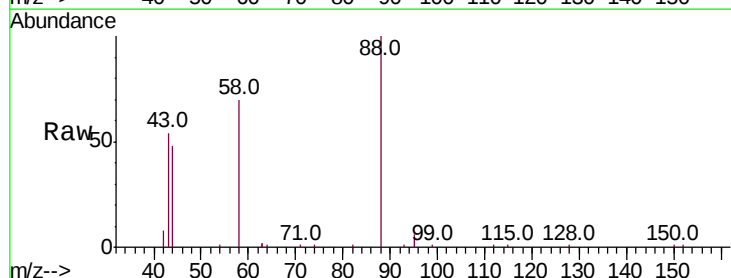
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 7.154 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	75.0	112.6
43	48.8	38.3	57.5

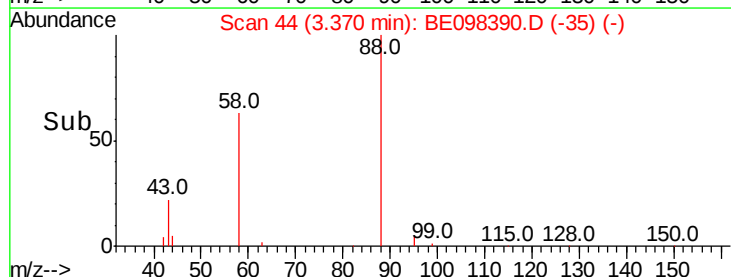
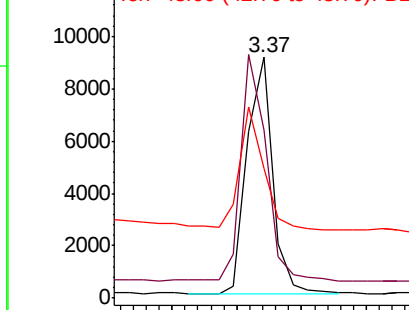


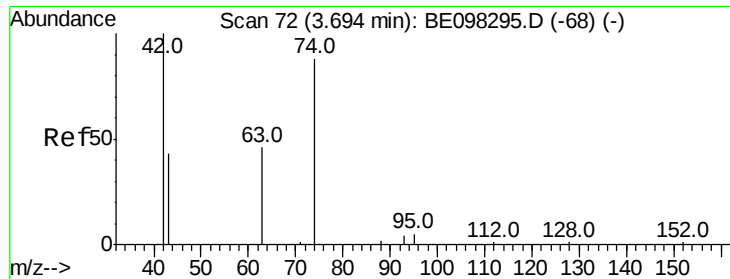
Abundance

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

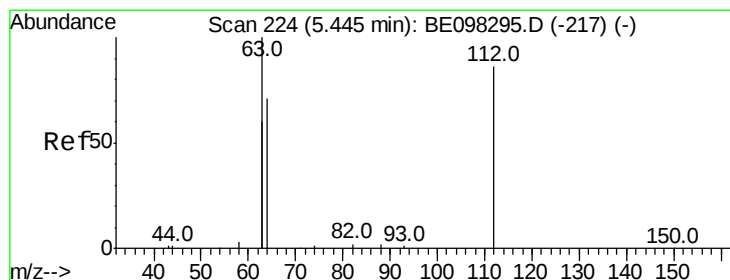
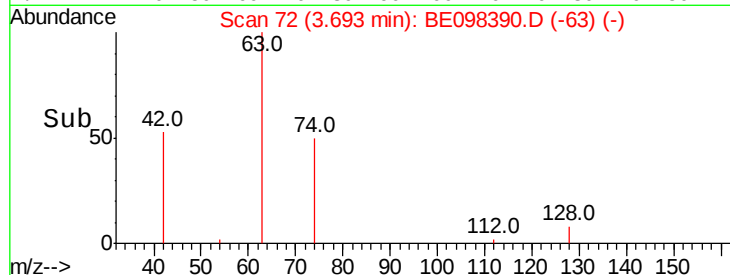
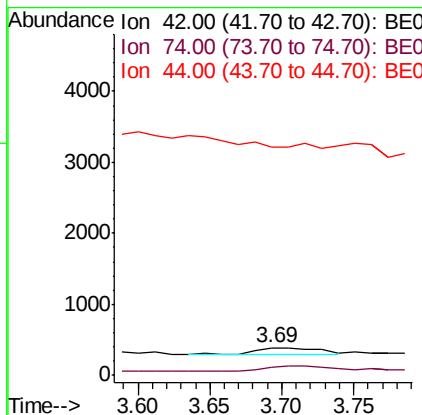
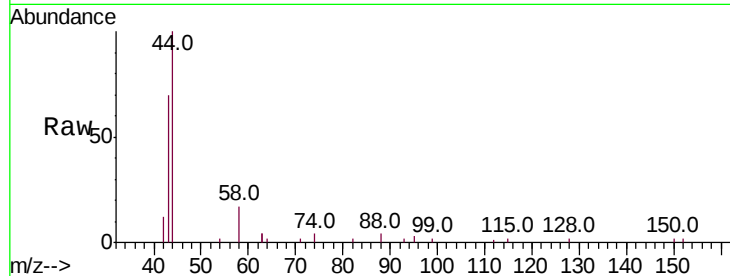
n-Nitrosodimethylamine
 Concen: 0.176 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098390.D
 Acq: 13 Dec 2018 10:47

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	88.8	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
 APPROVED

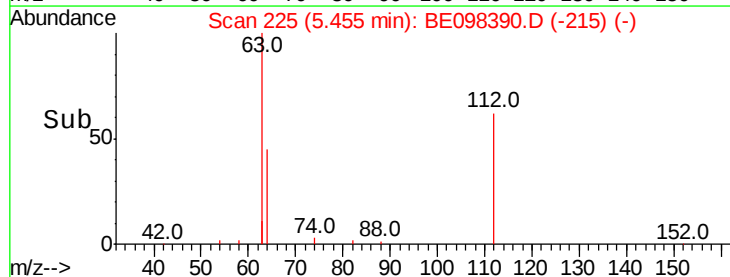
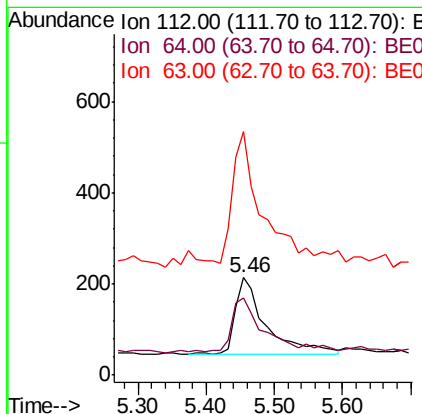
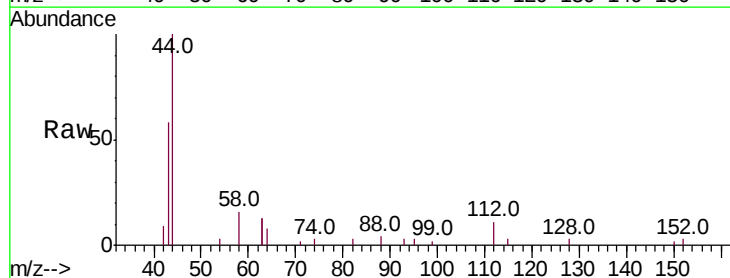
Sohil
 12/13/2018 6:10:21 PM



#4

2-Fluorophenol
 Concen: 0.224 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098390.D
 Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	59.8	89.8
63	166.7	133.7	200.5





#5

Phenol-d6

Concen: 0.133 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

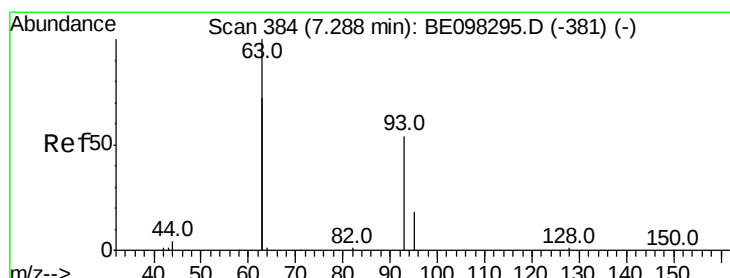
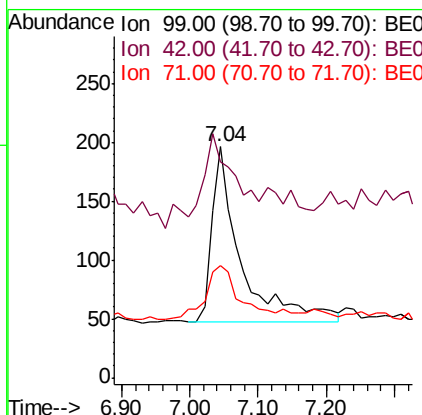
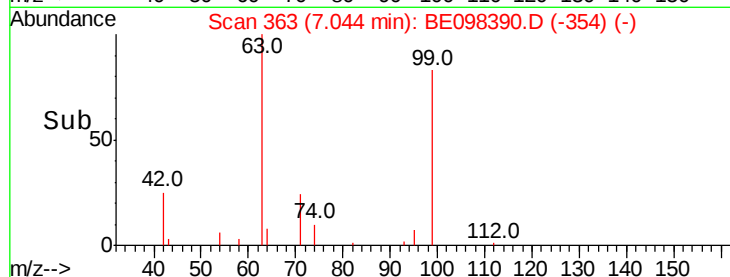
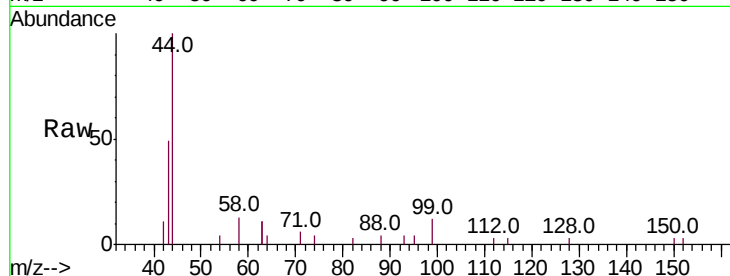
ClientSampleId :

RE-131D1-20181205MS

Tot Ion:	99	Resp:	446
Ion Ratio	Lower	Upper	
99	100		
42	65.9	26.3	39.5#
71	36.8	33.6	50.4

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.361 ng

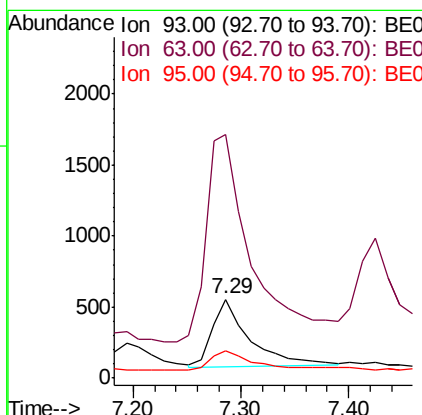
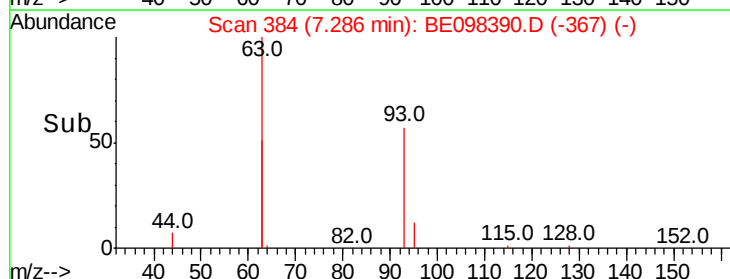
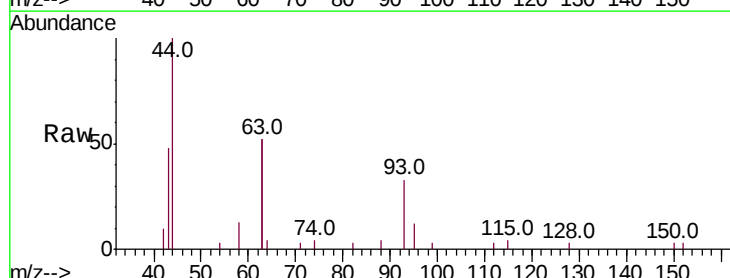
RT: 7.29 min Scan# 384

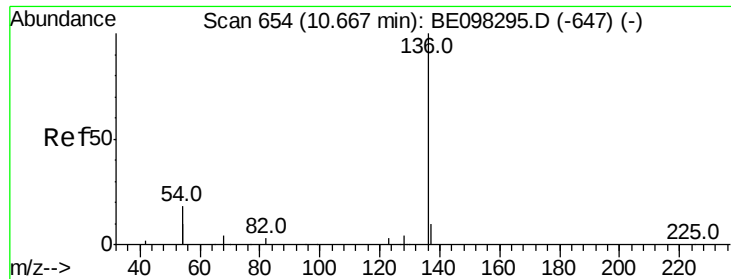
Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Tgt Ion:	93	Resp:	1146
Ion Ratio	Lower	Upper	
93	100		
63	382.3	264.4	396.6
95	36.9	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

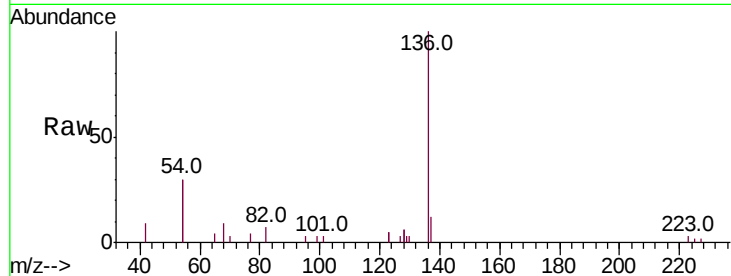
ClientSampleId :

RE-131D1-20181205MS

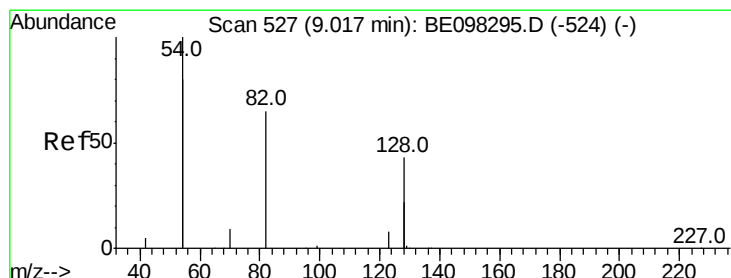
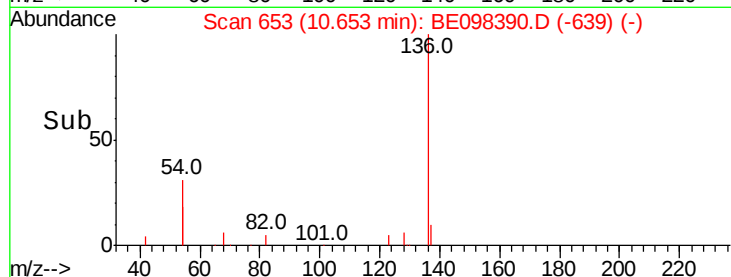
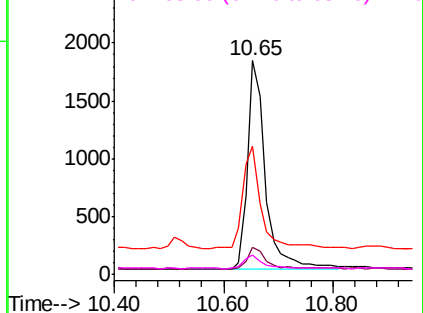
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	59.7	28.4	42.6#
68	9.1	5.4	8.0#

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 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: 0.406 ng

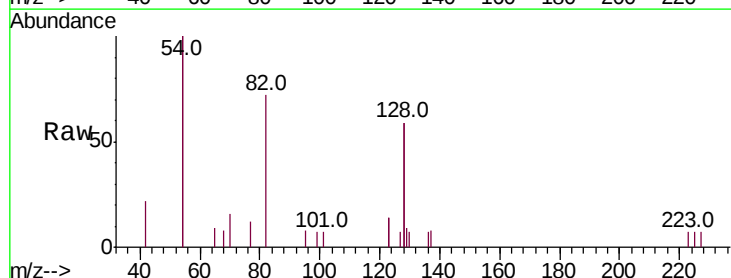
RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

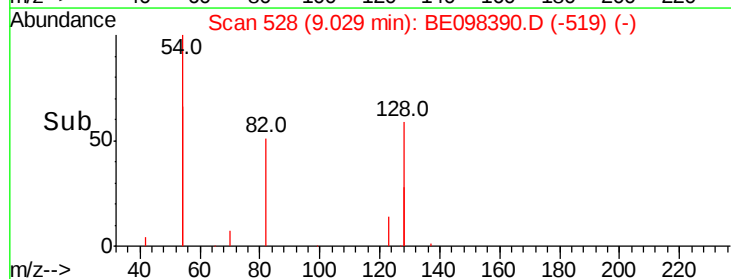
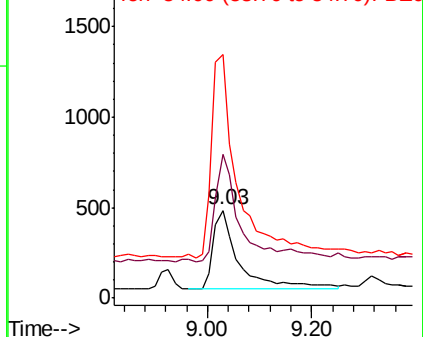
Lab File: BE098390.D

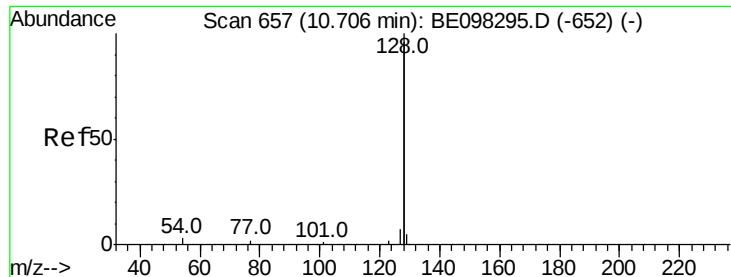
Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
82	100		
128	163.9	102.4	153.6#
54	276.4	221.8	332.8



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: 0.554 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

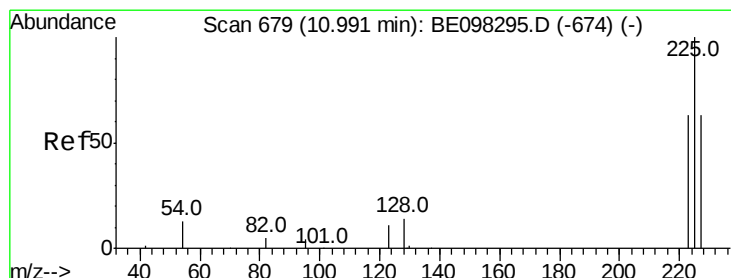
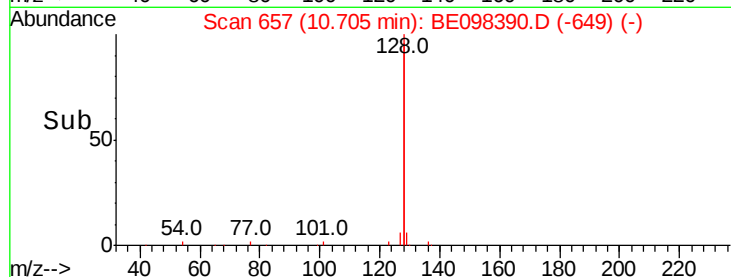
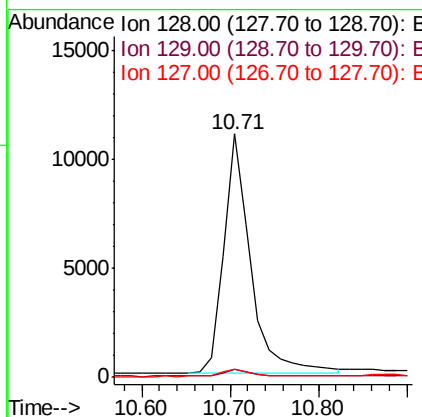
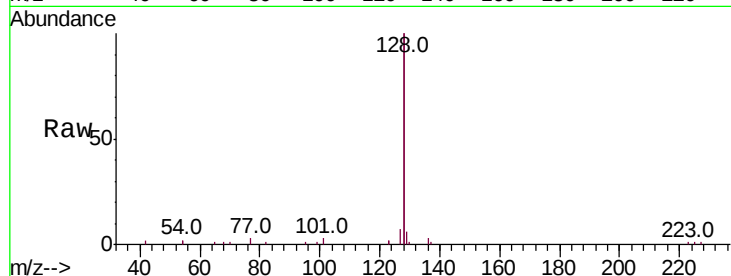
ClientSampleId :

RE-131D1-20181205MS

Tot Ion:128	Resp:	22949
Ion Ratio	Lower	Upper
128 100		
129 3.2	2.5	3.7
127 3.6	2.7	4.1

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#10

Hexachlorobutadiene

Concen: 0.420 ng

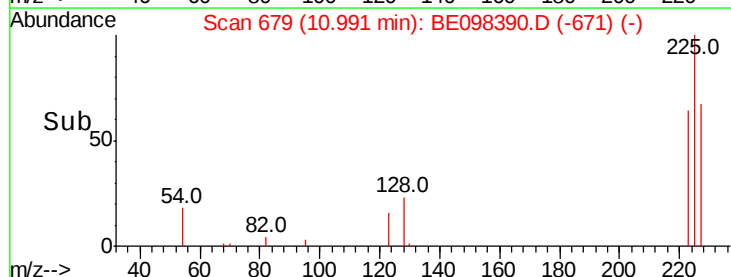
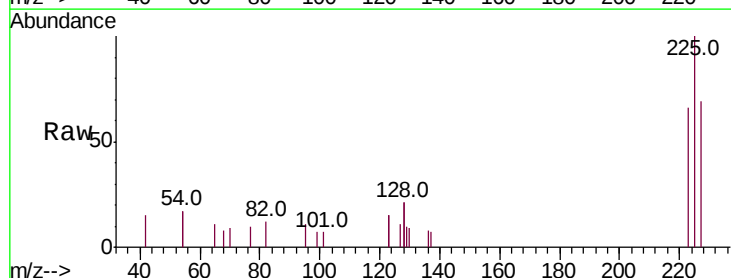
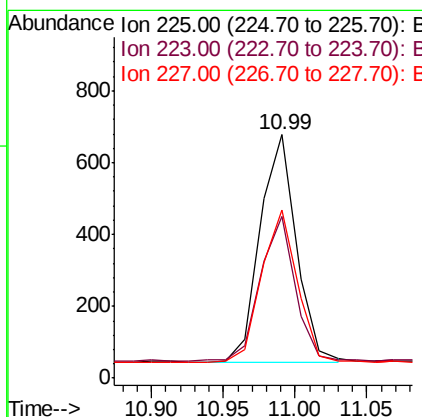
RT: 10.99 min Scan# 679

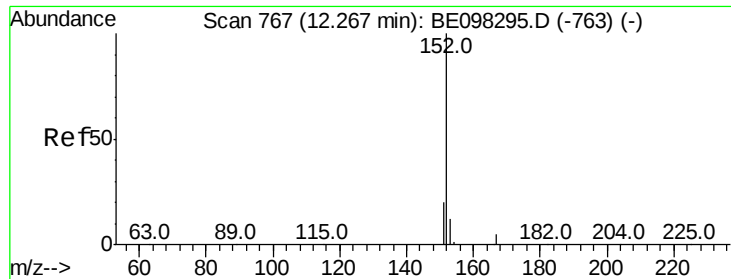
Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Tgt Ion:225	Resp:	1109
Ion Ratio	Lower	Upper
225 100		
223 61.5	49.4	74.0
227 66.5	52.0	78.0





#11

2-Methylnaphthalene-d10

Concen: 0.416 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205MS

Tot Ion:152 Resp: 2786

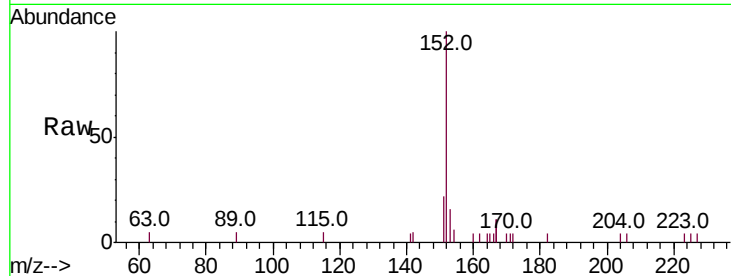
Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.4

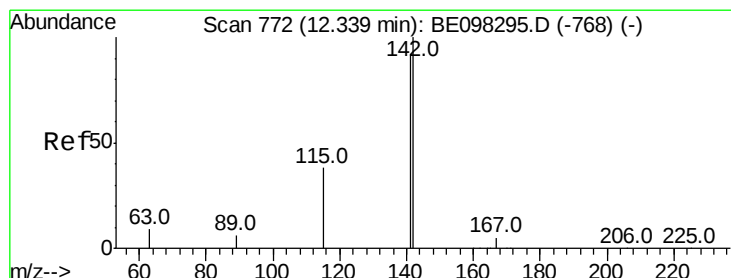
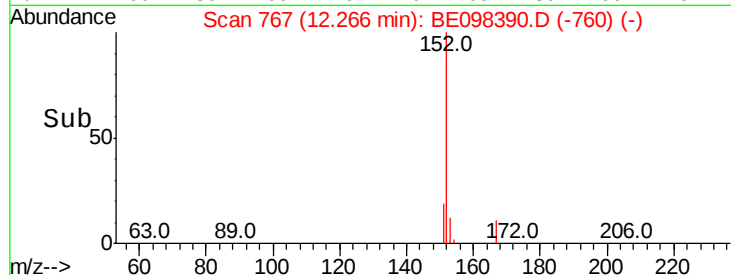
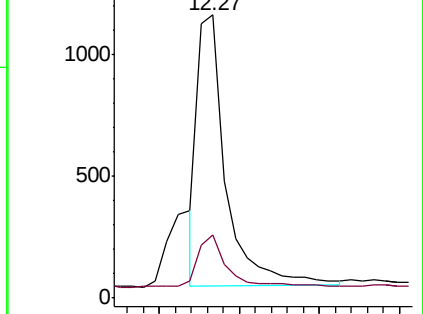
Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.572 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

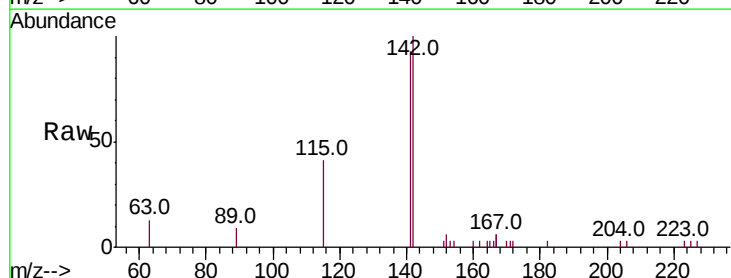
Tgt Ion:142 Resp: 3852

Ion Ratio Lower Upper

142 100

141 93.0 71.0 106.6

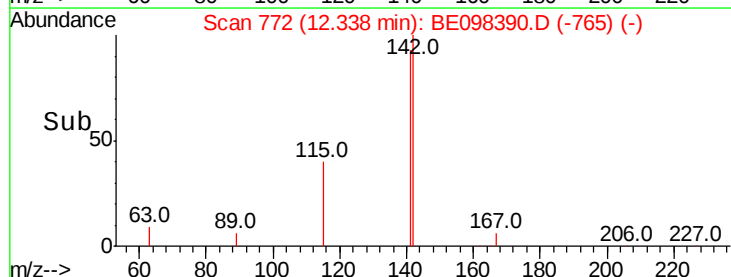
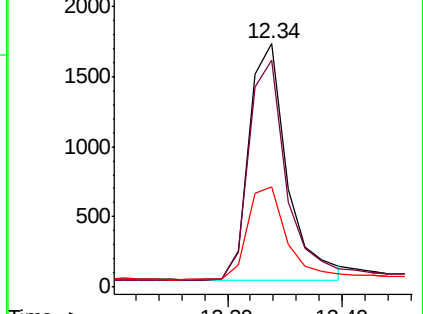
115 41.3 32.2 48.2

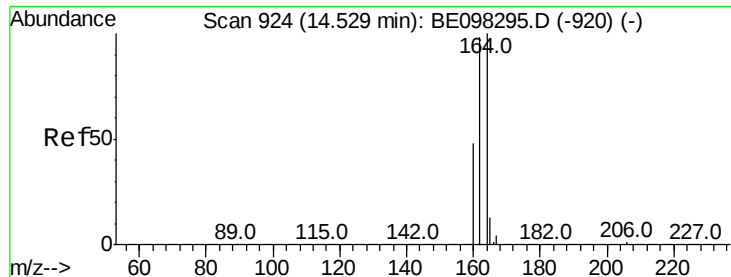


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





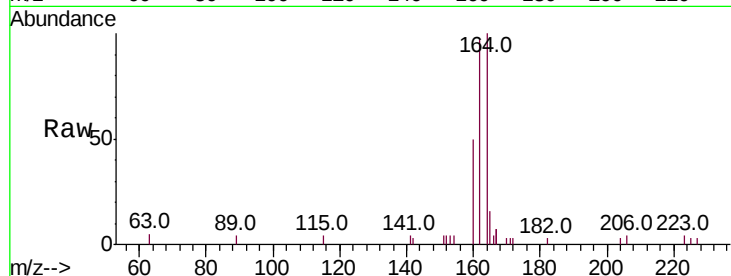
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

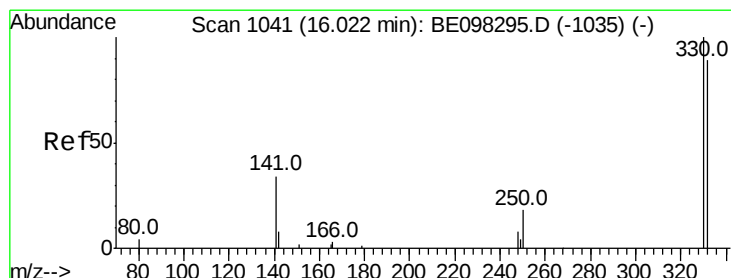
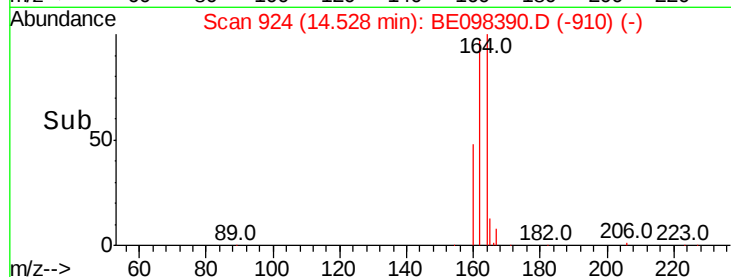
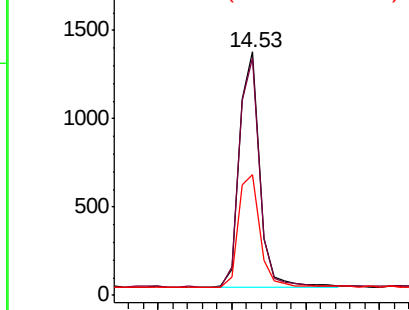
Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.6	116.4
160	49.6	36.0	54.0

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



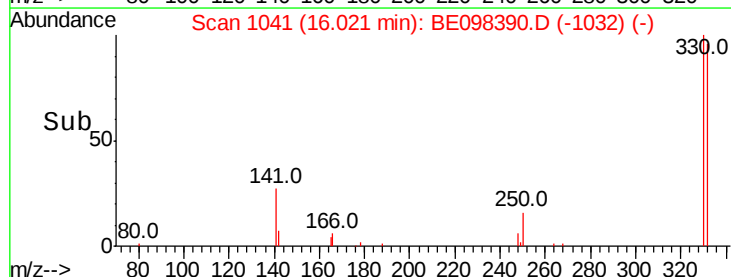
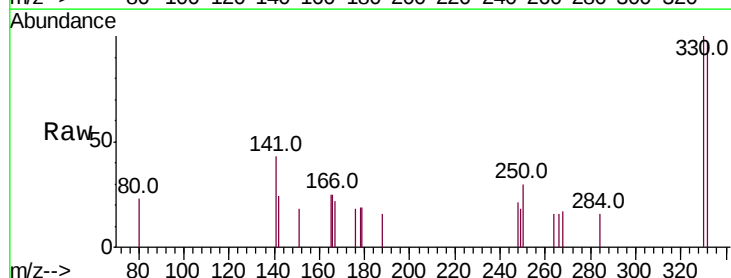
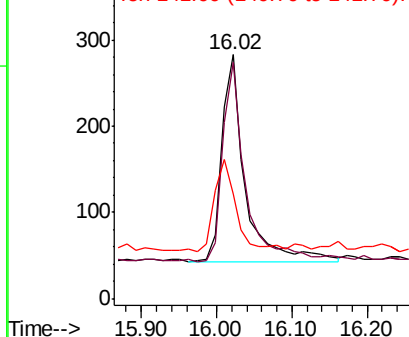
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

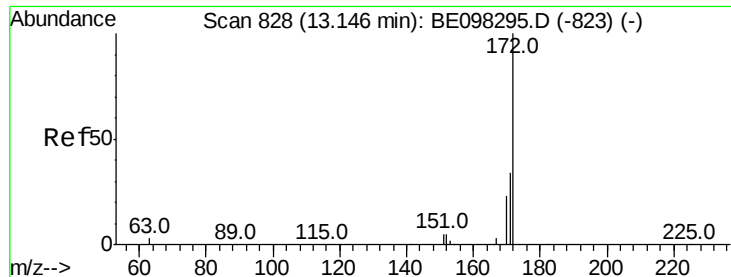


#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.2	114.4
141	39.8	39.0	58.4

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





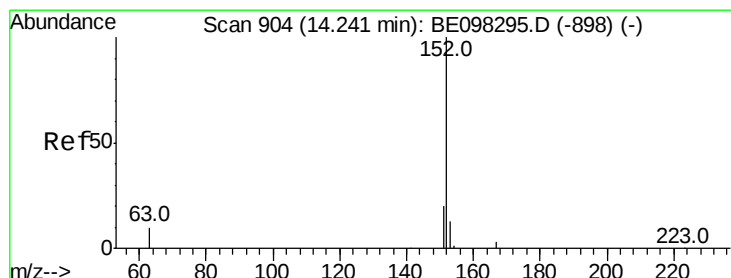
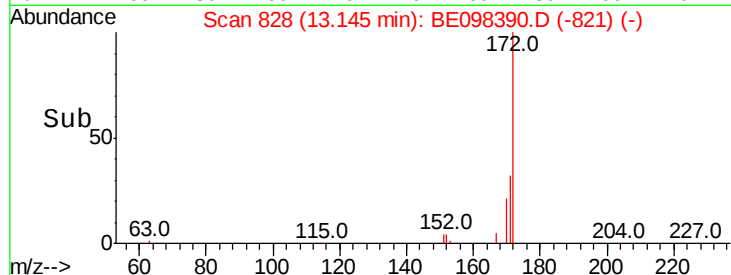
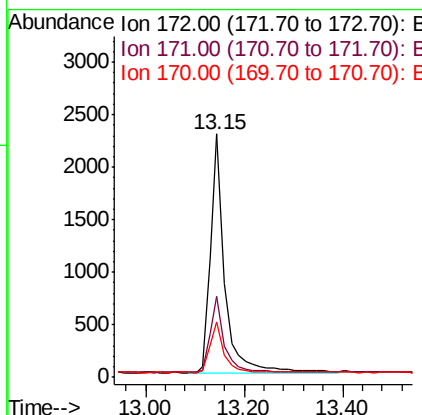
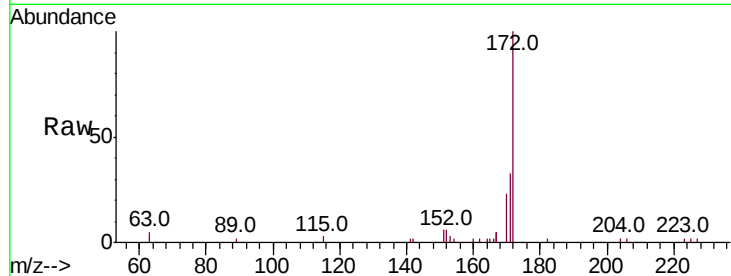
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.5	41.3
170	22.7	19.6	29.4

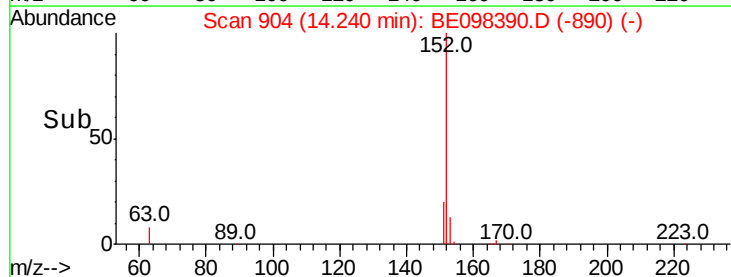
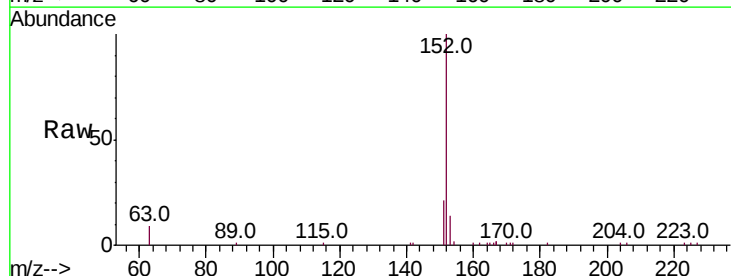
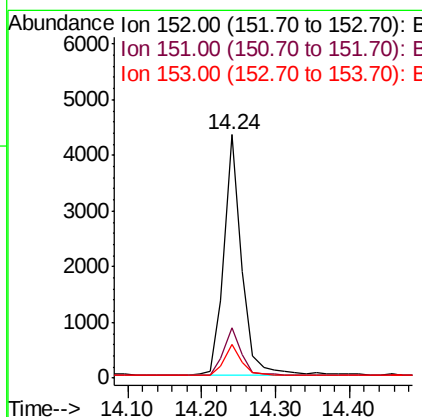
Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#16
Acenaphthylene
Concen: 0.612 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	13.0	10.6	16.0





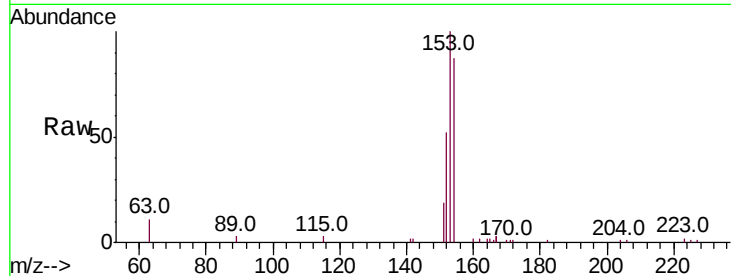
#17
Acenaphthene
Concen: 0.582 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.8	137.6
152	60.6	45.5	68.3

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM

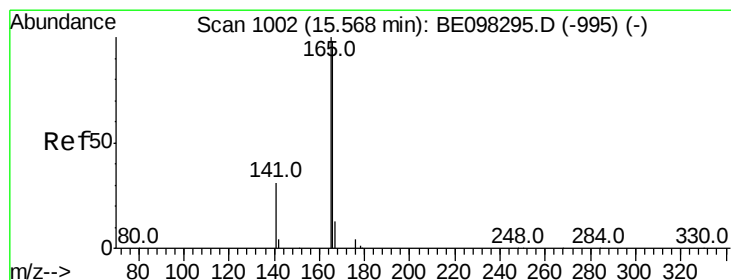
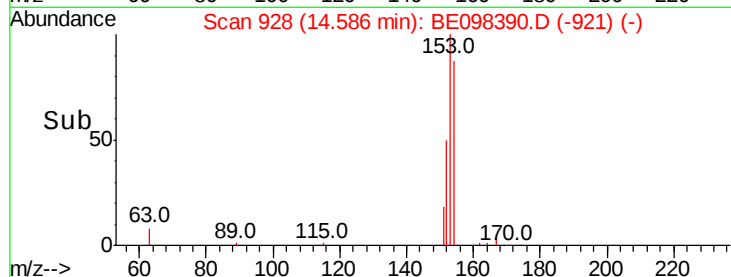
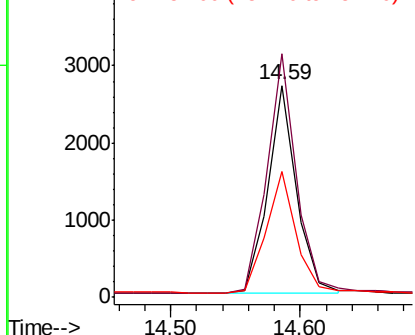


Abundance

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: 0.652 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

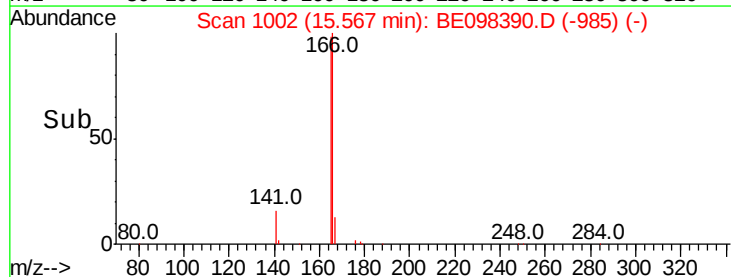
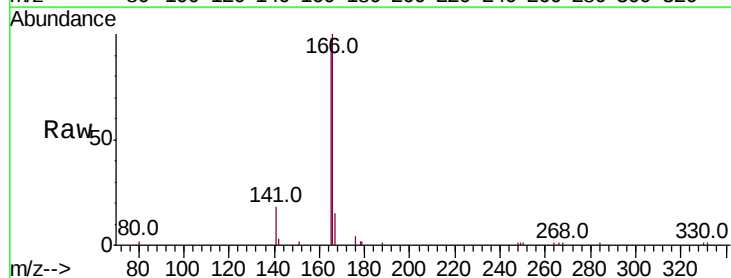
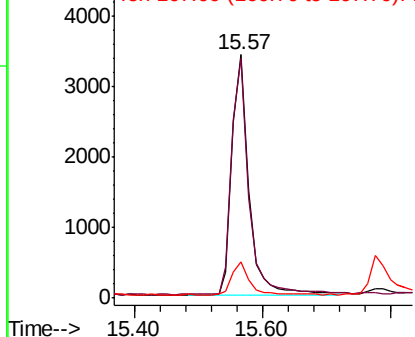
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.3	118.9
167	13.8	11.3	16.9

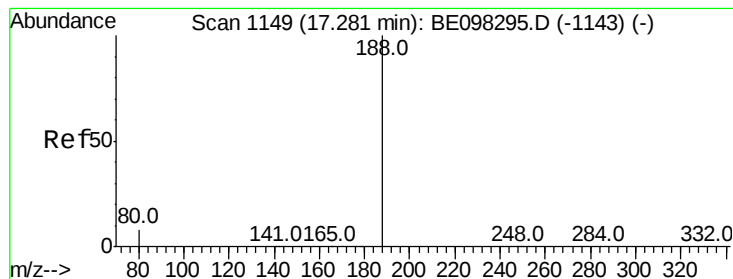
Abundance

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

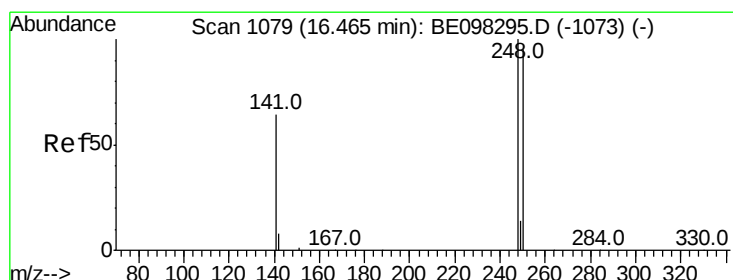
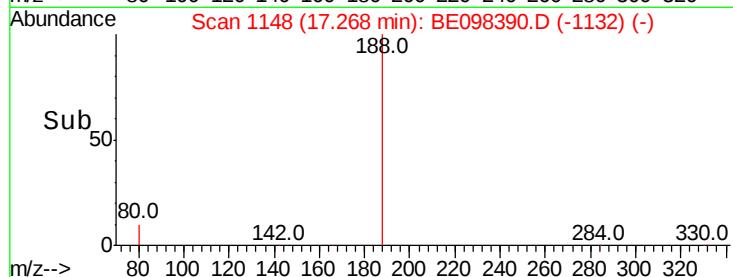
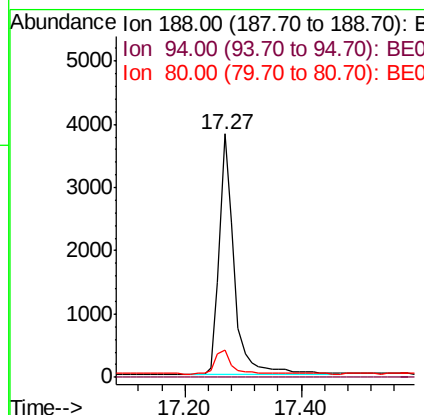
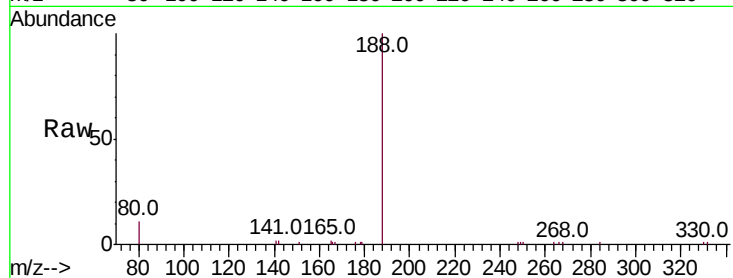
ClientSampleId :

RE-131D1-20181205MS

Tot Ion:	188	Resp:	6800
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	7.2	10.8#

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#20

4-Bromophenyl-phenylether

Concen: 0.469 ng

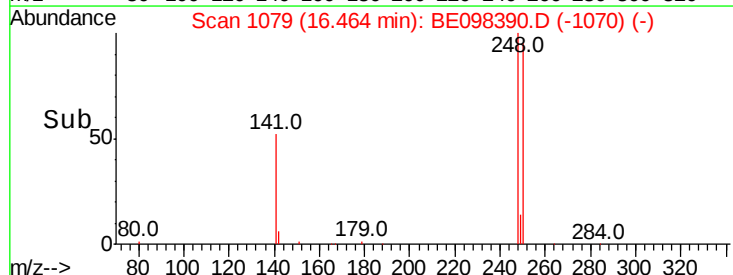
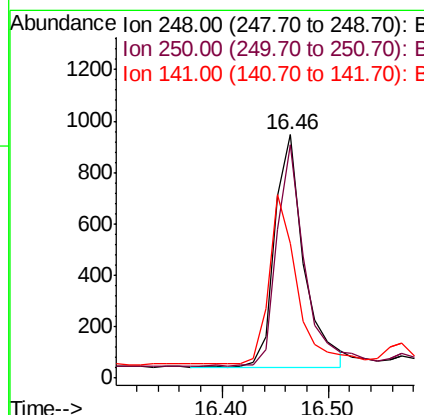
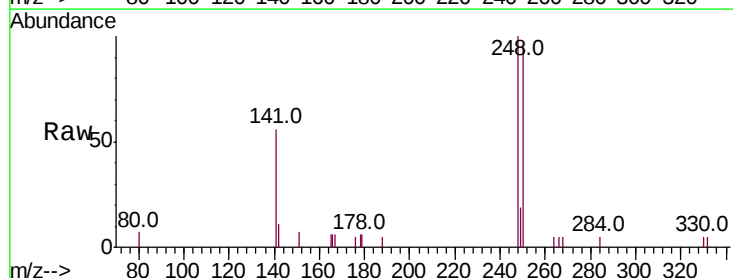
RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Tgt Ion:	248	Resp:	1715
Ion Ratio	Lower	Upper	
248	100		
250	95.8	71.0	106.6
141	55.5	62.1	93.1#





#21

Hexachlorobenzene

Concen: 0.444 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

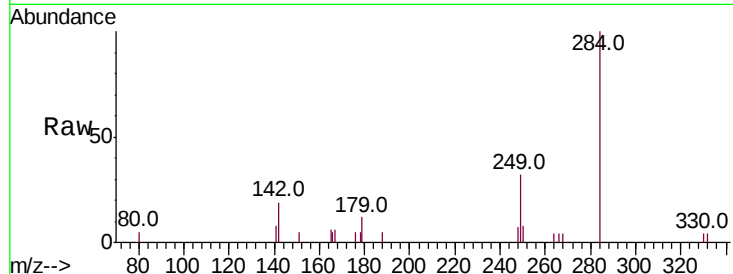
ClientSampleId :

RE-131D1-20181205MS

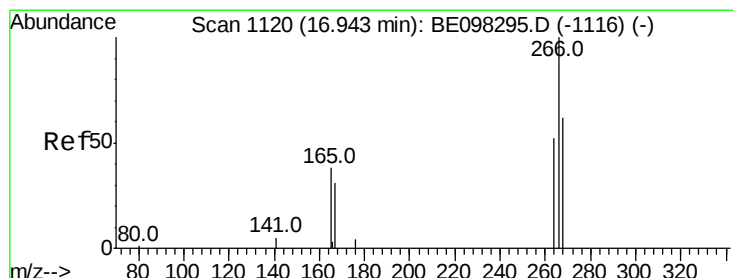
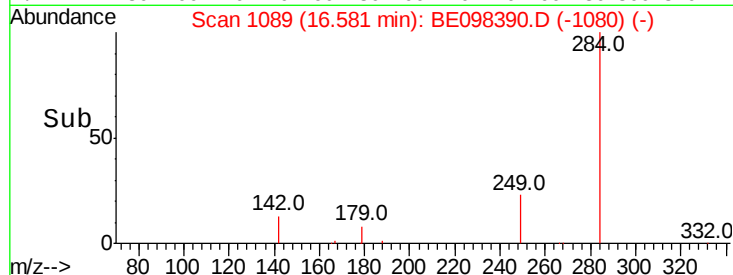
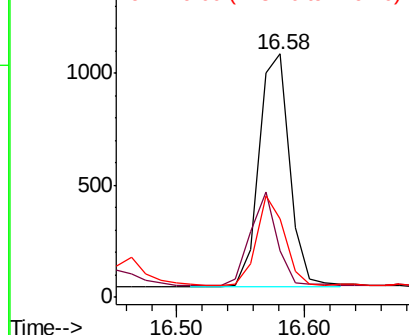
Tot Ion:	284	Resp:	1747
Ion Ratio	Lower	Upper	
284	100		
142	34.8	26.3	39.5
249	35.4	26.0	39.0

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 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: 0.754 ng

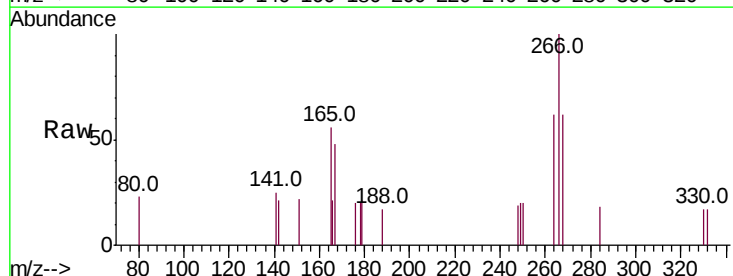
RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

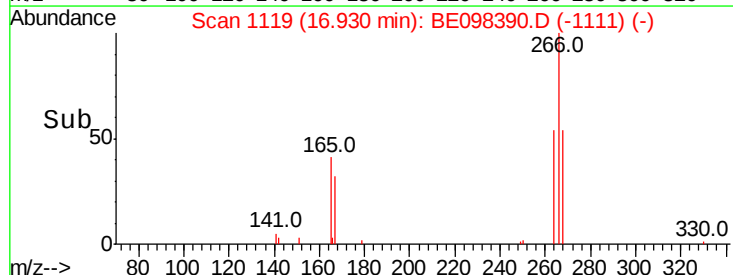
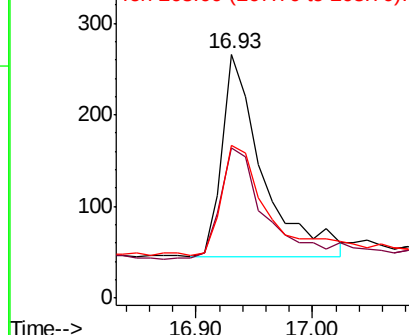
Lab File: BE098390.D

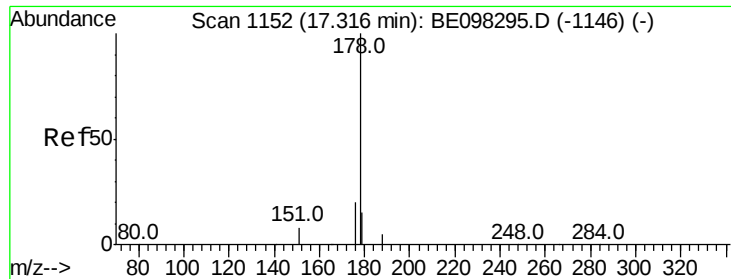
Acq: 13 Dec 2018 10:47

Tgt Ion:	266	Resp:	536
Ion Ratio	Lower	Upper	
266	100		
264	61.7	59.0	88.4
268	62.4	55.1	82.7



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: 0.678 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

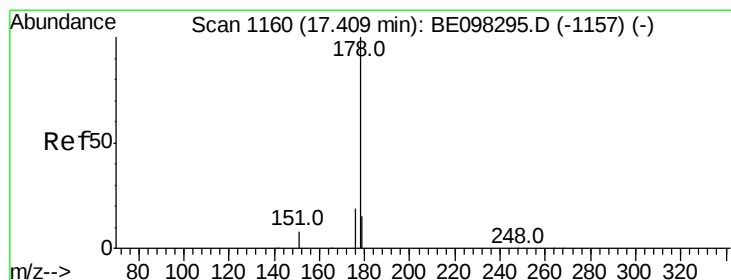
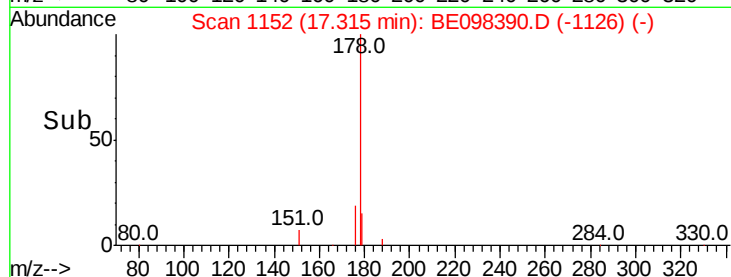
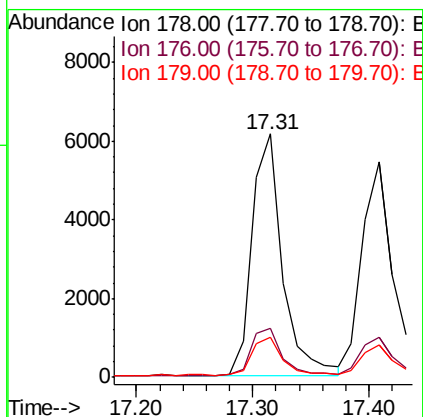
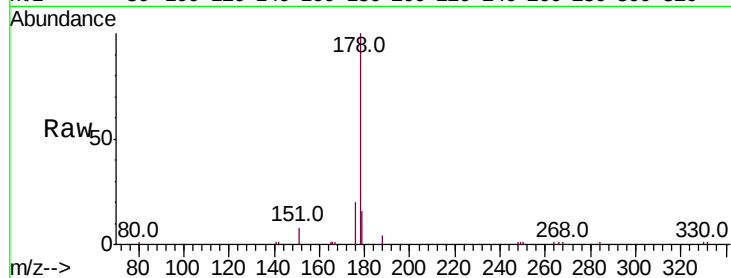
ClientSampleId :

RE-131D1-20181205MS

Tot Ion:178	Resp:	11204
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.9 23.9
179	15.4	12.3 18.5

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#24

Anthracene

Concen: 0.654 ng

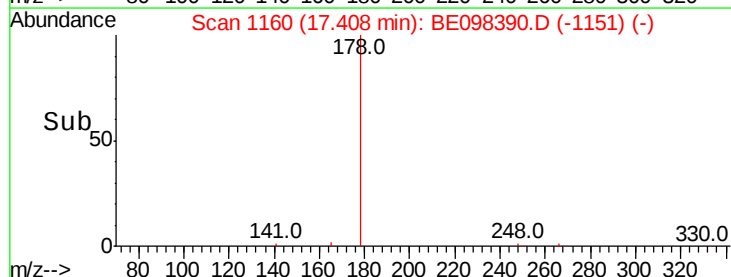
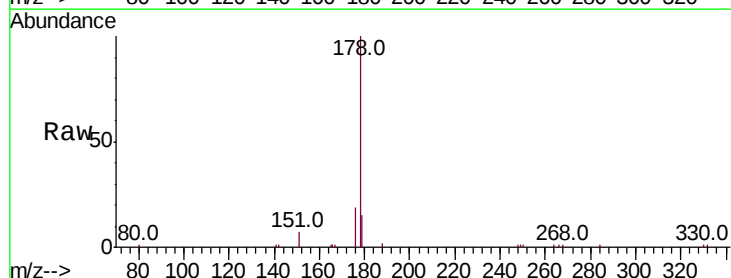
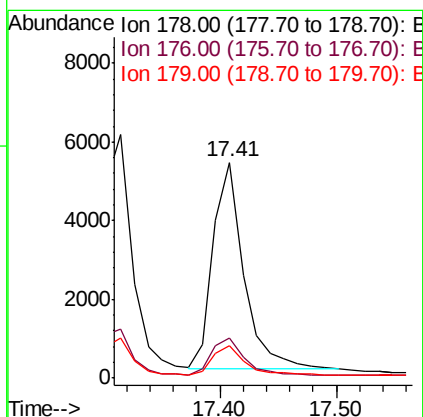
RT: 17.41 min Scan# 1160

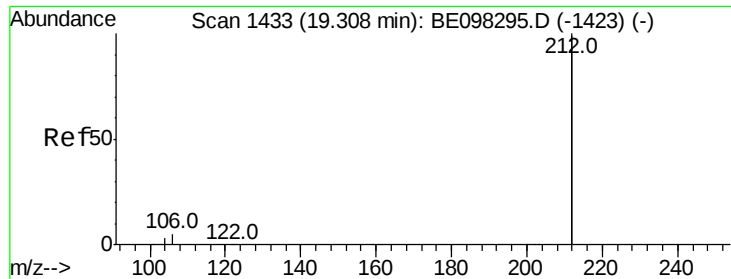
Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Tgt Ion:178	Resp:	9638
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.0 22.4
179	14.7	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.465 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

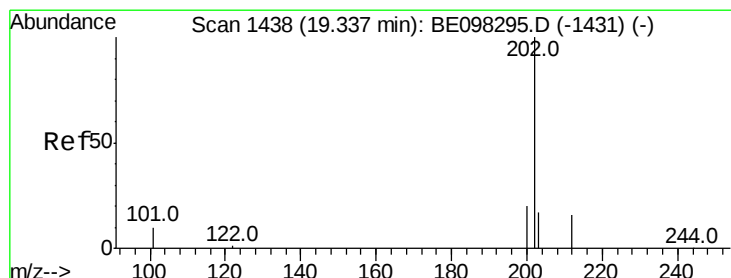
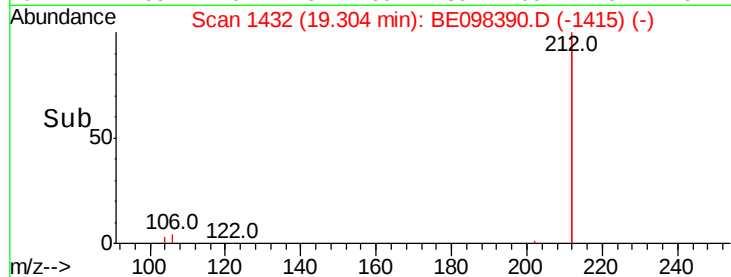
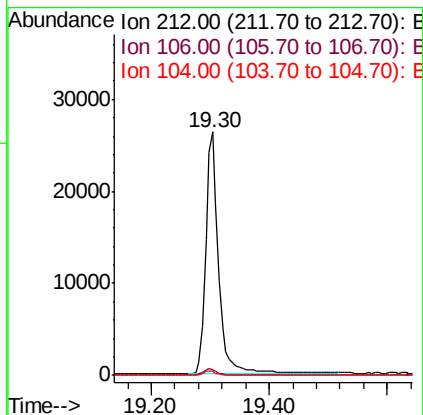
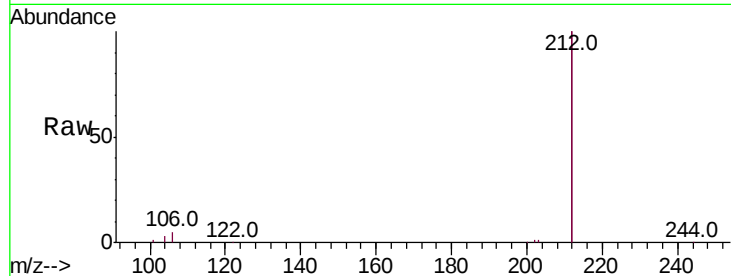
ClientSampleId :

RE-131D1-20181205MS

Tot Ion:	212	Resp:	40596
Ion Ratio	Lower	Upper	
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#26

Fluoranthene

Concen: 0.740 ng

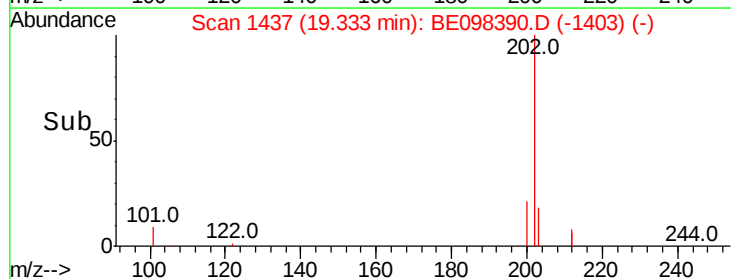
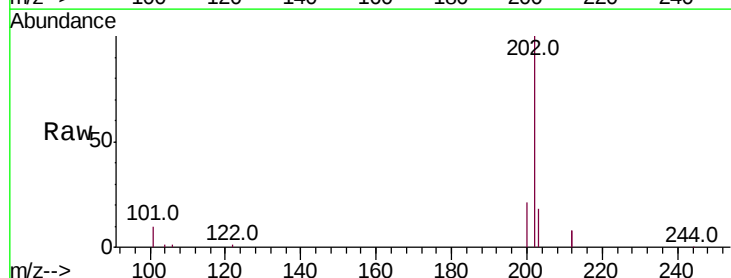
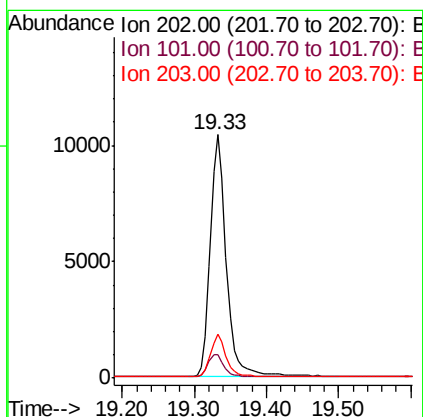
RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Tgt Ion:	202	Resp:	16174
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.0	12.0
203	17.3	13.8	20.6





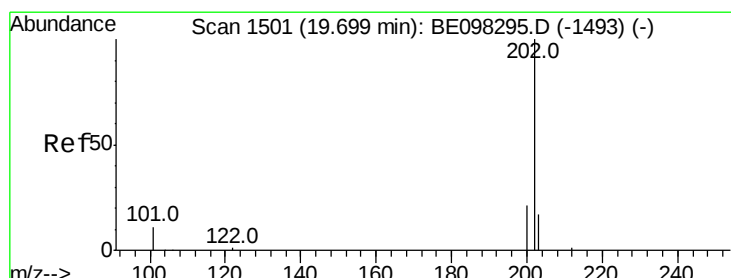
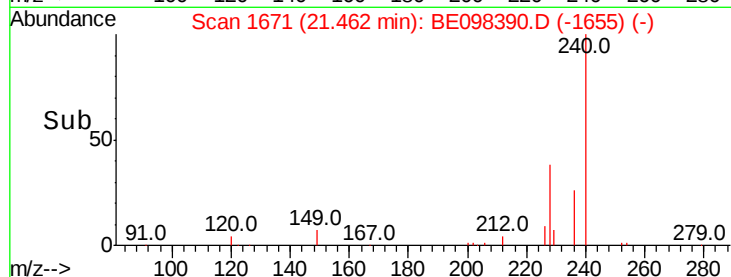
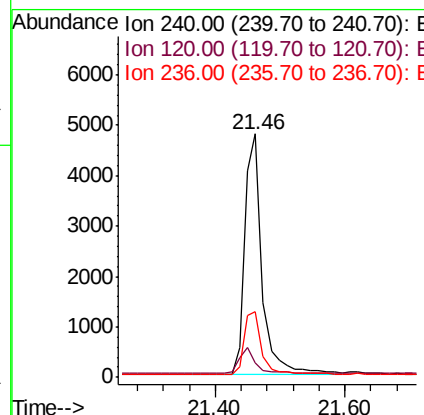
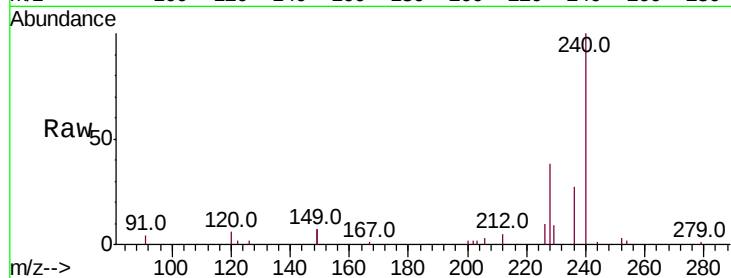
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	27.2	22.7	34.1

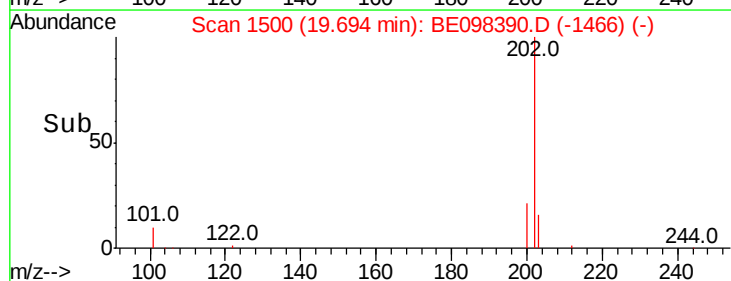
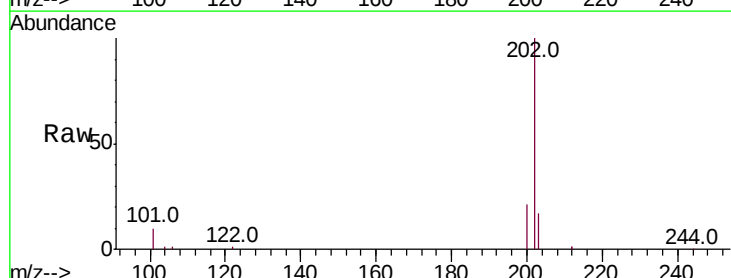
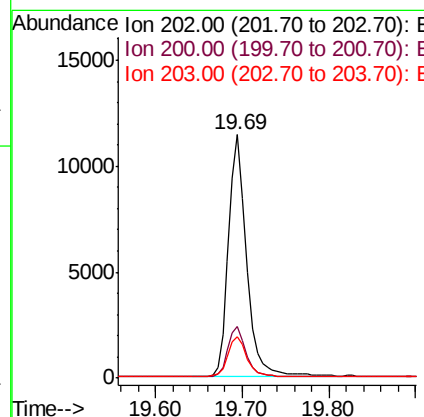
Manual Integrations
APPROVED

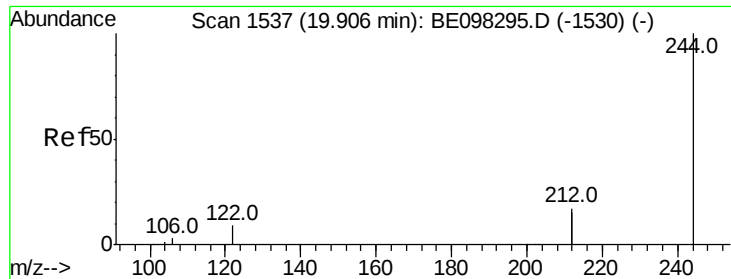
Sohil
12/13/2018 6:10:21 PM



#28
Pyrene
Concen: 0.594 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.3	14.1	21.1





#29

Terphenyl-d14

Concen: 0.370 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

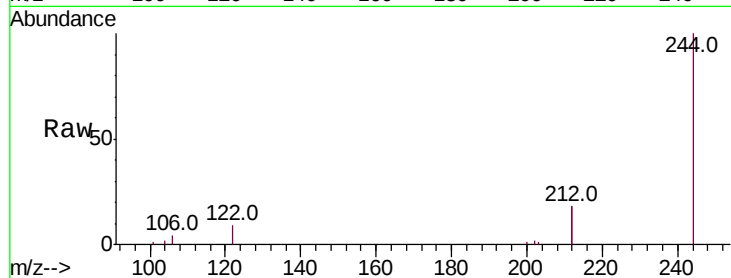
ClientSampleId :

RE-131D1-20181205MS

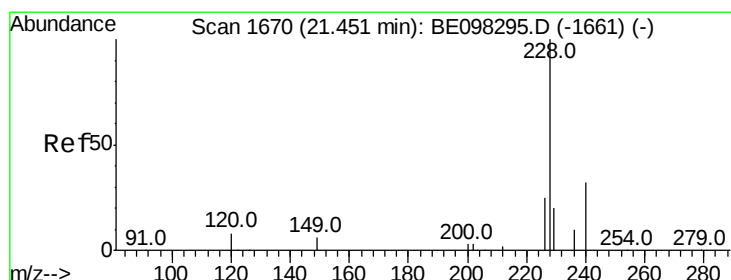
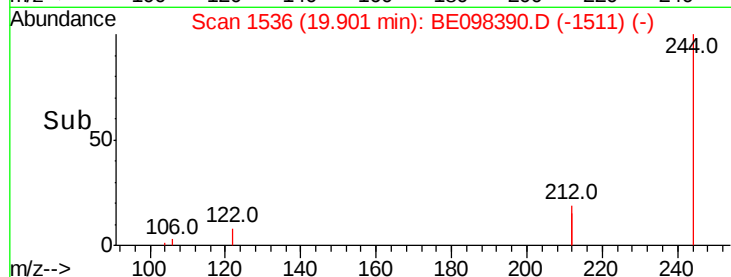
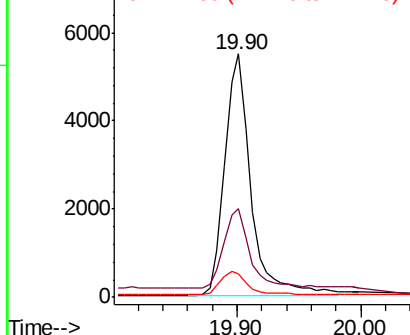
Tot Ion:	244	Resp:	8019
Ion Ratio	Lower	Upper	
244	100		
212	36.7	27.4	41.0
122	9.5	8.3	12.5

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.673 ng

RT: 21.44 min Scan# 1669

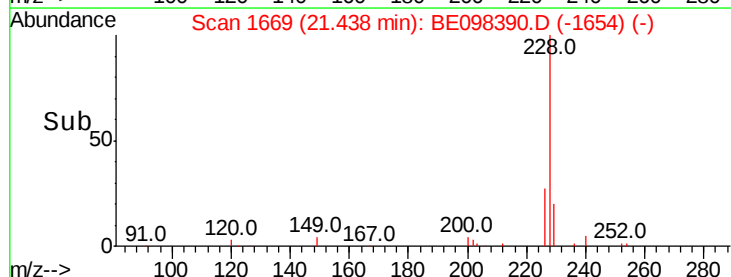
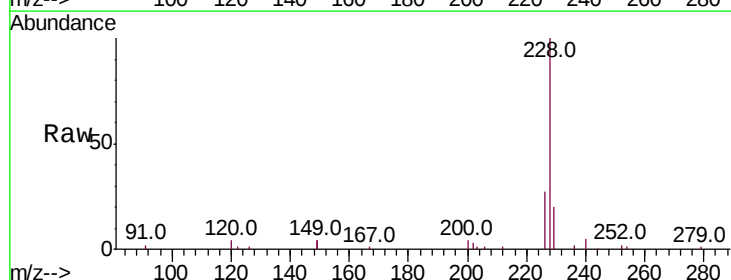
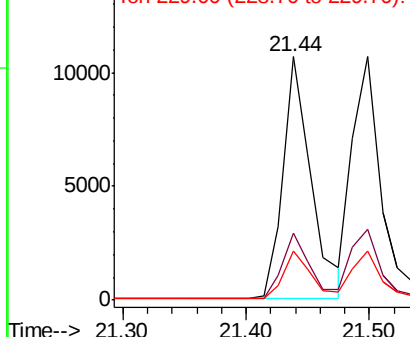
Delta R.T. -0.01 min

Lab File: BE098390.D

Acq: 13 Dec 2018 10:47

Tgt Ion:	228	Resp:	17090
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	20.1	16.3	24.5

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





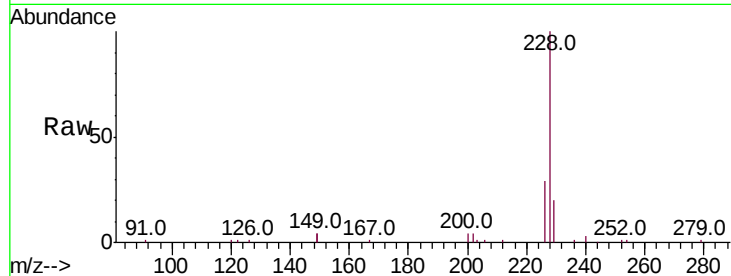
#31
Chrysene
Concen: 0.633 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

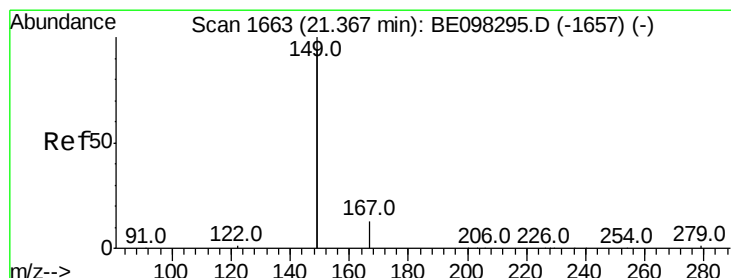
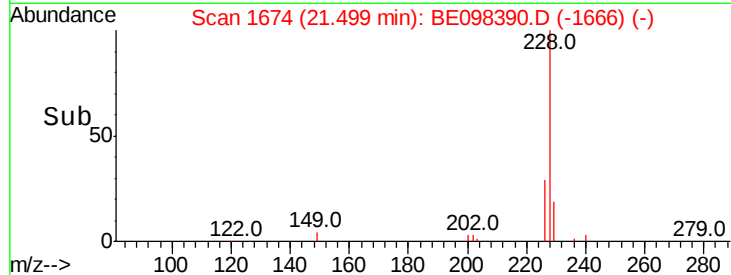
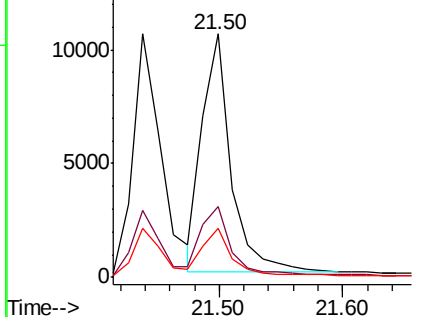
Tot Ion:228	Resp:	16858
Ion Ratio	Lower	Upper
228 100		
226 29.2	23.4	35.0
229 19.9	16.2	24.4

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



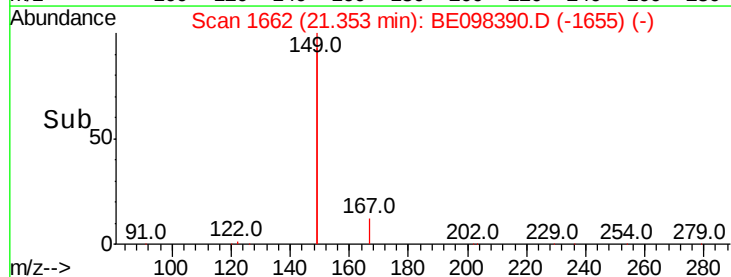
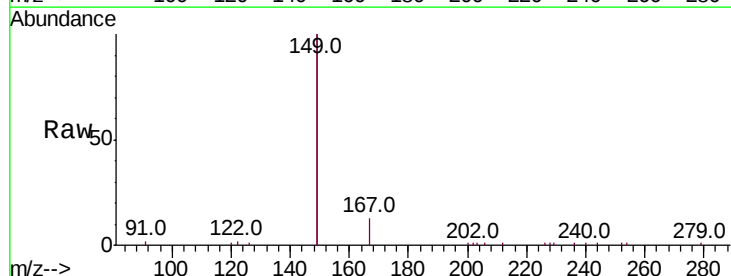
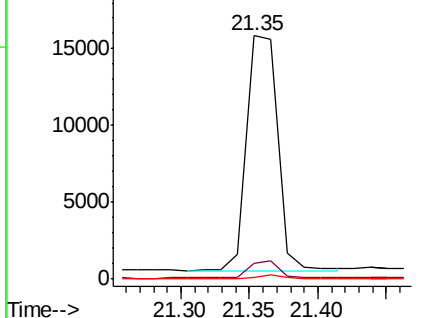
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

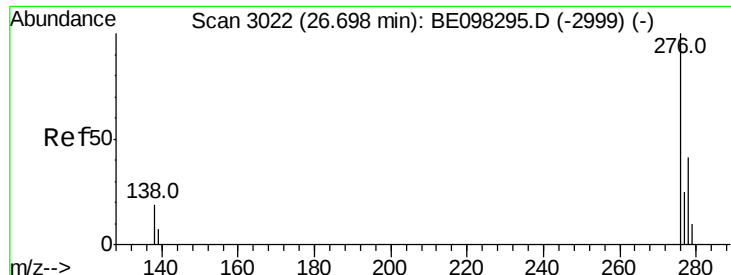


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.466 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:149	Resp:	24056
Ion Ratio	Lower	Upper
149 100		
167 6.7	5.7	8.5
279 1.0	1.0	1.4

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





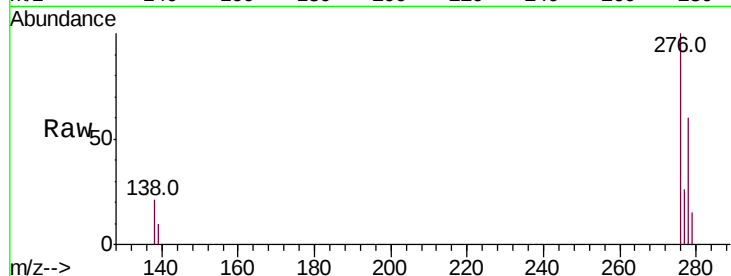
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.608 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.3	24.5
277	24.4	20.2	30.4

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM

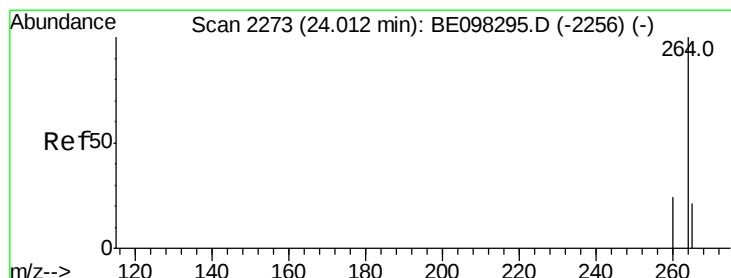
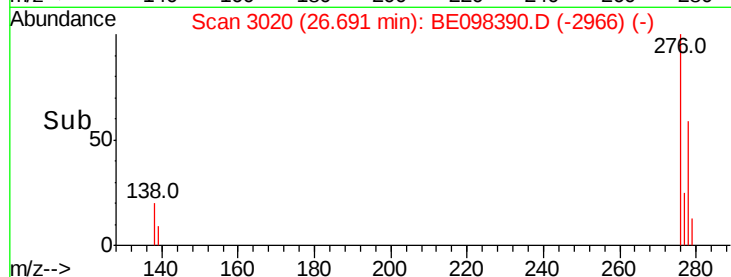
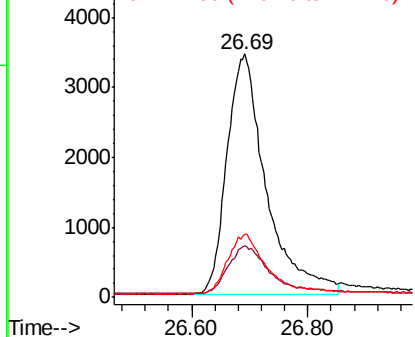


Abundance

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: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

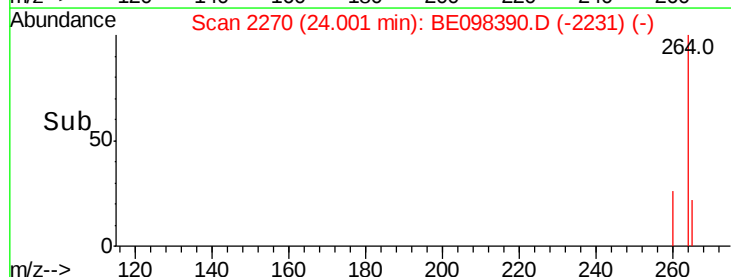
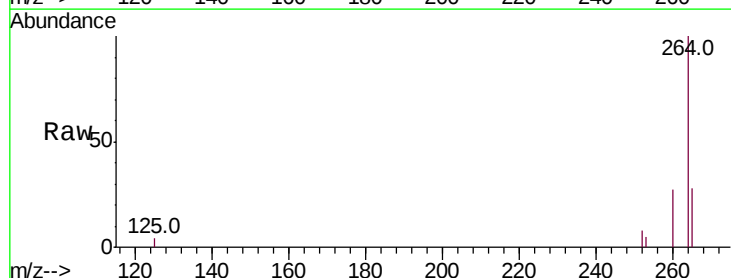
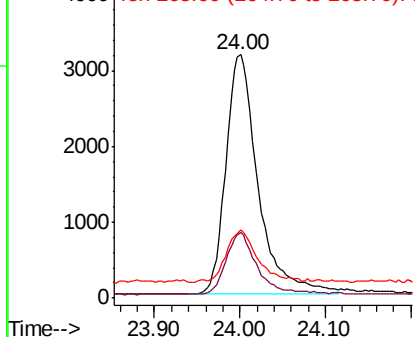
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.2	30.2
265	28.0	25.2	37.8

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





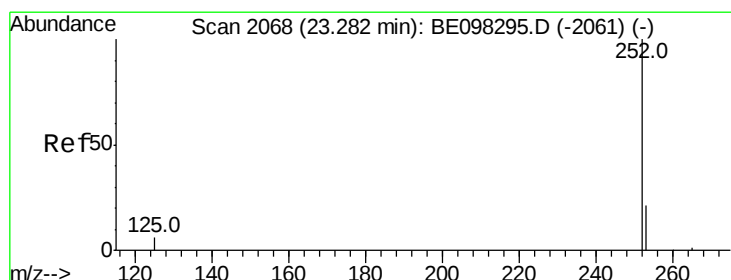
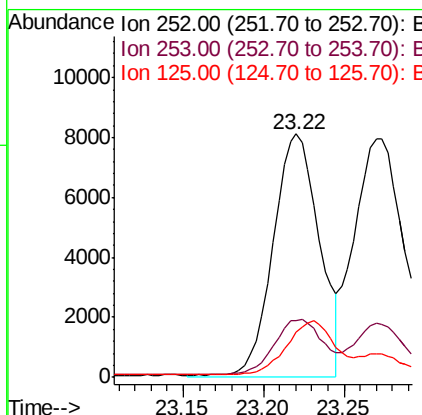
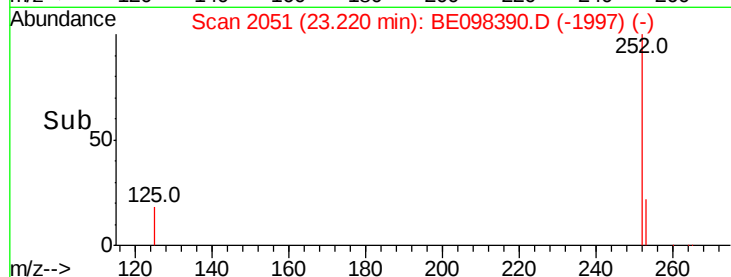
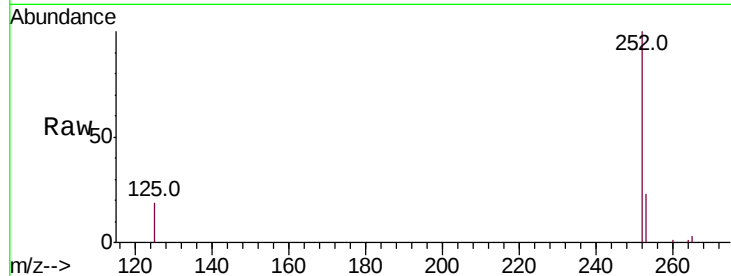
#35
Benzo(b)fluoranthene
Concen: 0.722 ng m
RT: 23.22 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.0	30.0
125	18.6	9.6	14.4

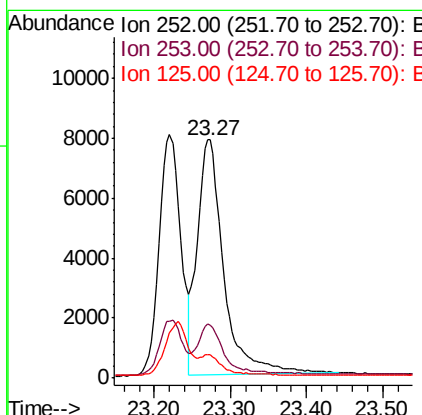
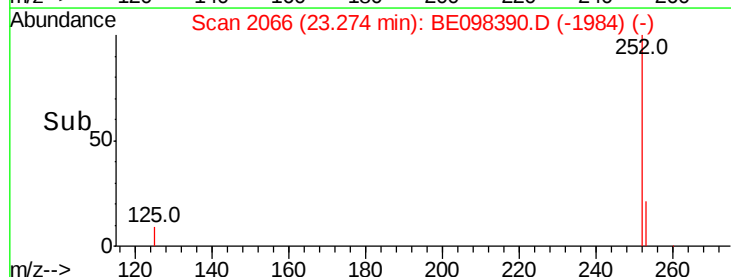
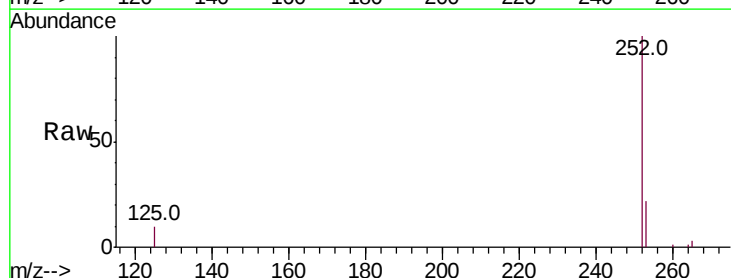
Manual Integrations
APPROVED

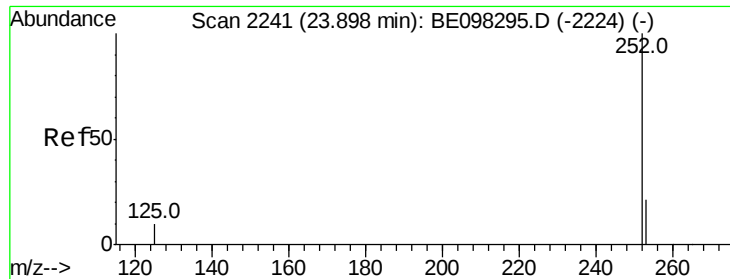
Sohil
12/13/2018 6:10:21 PM



#36
Benzo(k)fluoranthene
Concen: 0.718 ng
RT: 23.27 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	9.8	9.1	13.7





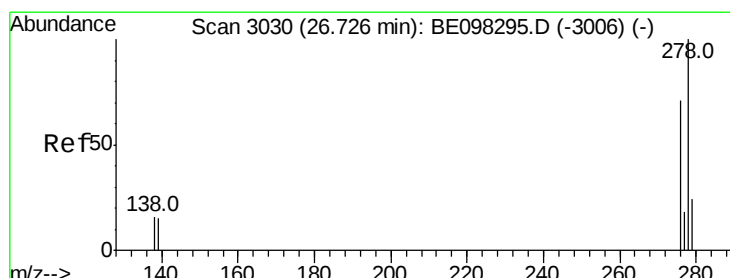
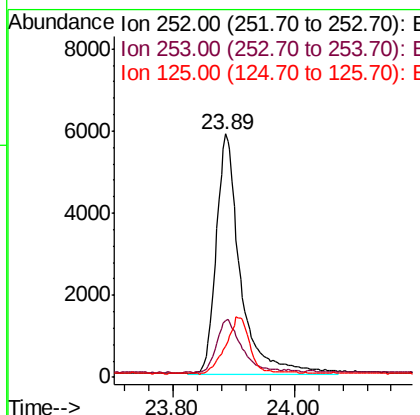
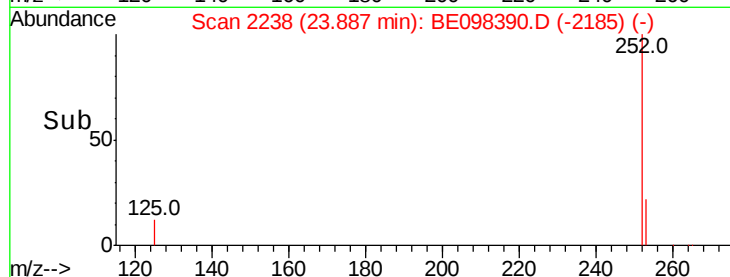
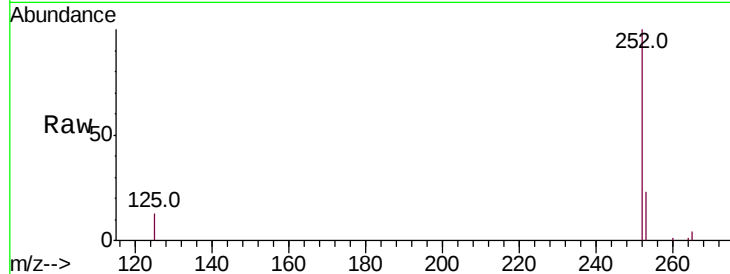
#37
Benzo(a)pyrene
Concen: 0.691 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205MS

Tot Ion:	252	Resp:	16161
Ion Ratio	Lower	Upper	
252	100		
253	23.3	20.6	30.8
125	13.0	10.5	15.7

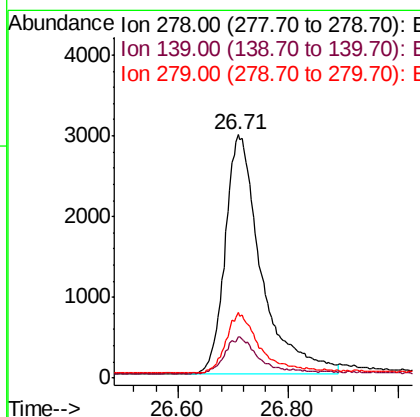
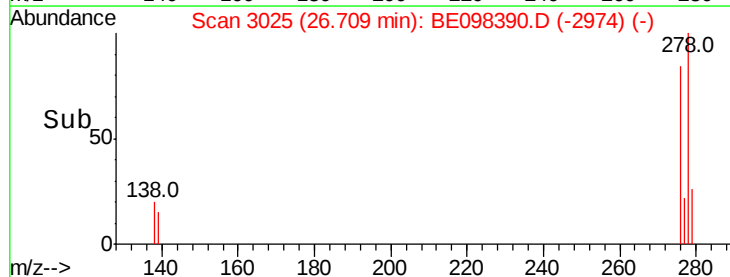
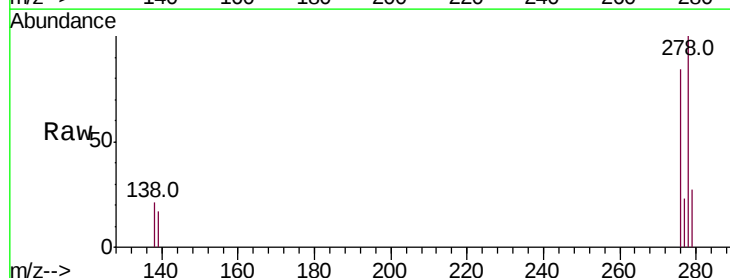
Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.617 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.02 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:	278	Resp:	13594
Ion Ratio	Lower	Upper	
278	100		
139	16.7	14.5	21.7
279	27.2	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.590 ng

RT: 27.50 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BE098390.D

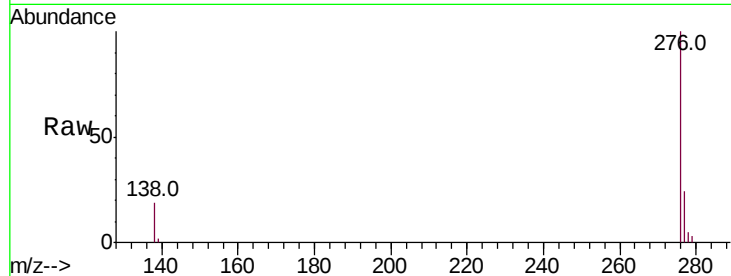
Acq: 13 Dec 2018 10:47

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205MS



Tot Ion:	276	Resp:	13089
Ion Ratio	Lower	Upper	
276	100		
277	23.7	20.8	31.2
138	19.0	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/13/2018 6:10:21 PM

