

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098895.D
 Acq On : 12 Mar 2019 13:20
 Operator : JU/SJ
 Sample : K1841-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308MSD

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:51:36 PM

Quant Time: Mar 13 07:54:32 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 15:33:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	752	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3116	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2022	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5119	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6196	0.40	ng	-0.01
34) Perylene-d12	23.89	264	5845	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	320	0.14	ng	0.02
5) Phenol-d6	7.01	99	268	0.08	ng	0.02
8) Nitrobenzene-d5	8.98	82	1286	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2544	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	400	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3731	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	31526	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7642	0.51	ng	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	8902	7.585 ng	# 94
3) n-Nitrosodimethylamine	3.67	42	100m	0.053 ng	
6) bis(2-Chloroethyl)ether	7.23	93	915	0.373 ng	99
9) Naphthalene	10.64	128	13233	0.371 ng	100
10) Hexachlorobutadiene	10.91	225	782	0.331 ng	100
12) 2-Methylnaphthalene	12.27	142	2133	0.369 ng	98
16) Acenaphthylene	14.18	152	3716	0.357 ng	99
17) Acenaphthene	14.51	154	2277	0.369 ng	97
18) Fluorene	15.50	166	3222	0.362 ng	99
20) 4-Bromophenyl-phenylether	16.40	248	990	0.357 ng	91
21) Hexachlorobenzene	16.52	284	1200	0.364 ng	98
22) Pentachlorophenol	16.88	266	611	0.808 ng	# 81
23) Phenanthrene	17.25	178	5550	0.381 ng	99
24) Anthracene	17.35	178	4491	0.361 ng	99
26) Fluoranthene	19.27	202	7448	0.363 ng	100
28) Pyrene	19.63	202	7671	0.405 ng	99
30) Benzo(a)anthracene	21.38	228	7022	0.363 ng	97
31) Chrysene	21.43	228	7750	0.375 ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	14281	0.347 ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	7954	0.364 ng	99
35) Benzo(b)fluoranthene	23.13	252	6979m	0.363 ng	
36) Benzo(k)fluoranthene	23.18	252	8216	0.408 ng	99
37) Benzo(a)pyrene	23.79	252	7145	0.388 ng	# 93
38) Dibenzo(a,h)anthracene	26.55	278	6493	0.372 ng	99
39) Benzo(g,h,i)perylene	27.34	276	6744	0.370 ng	97

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

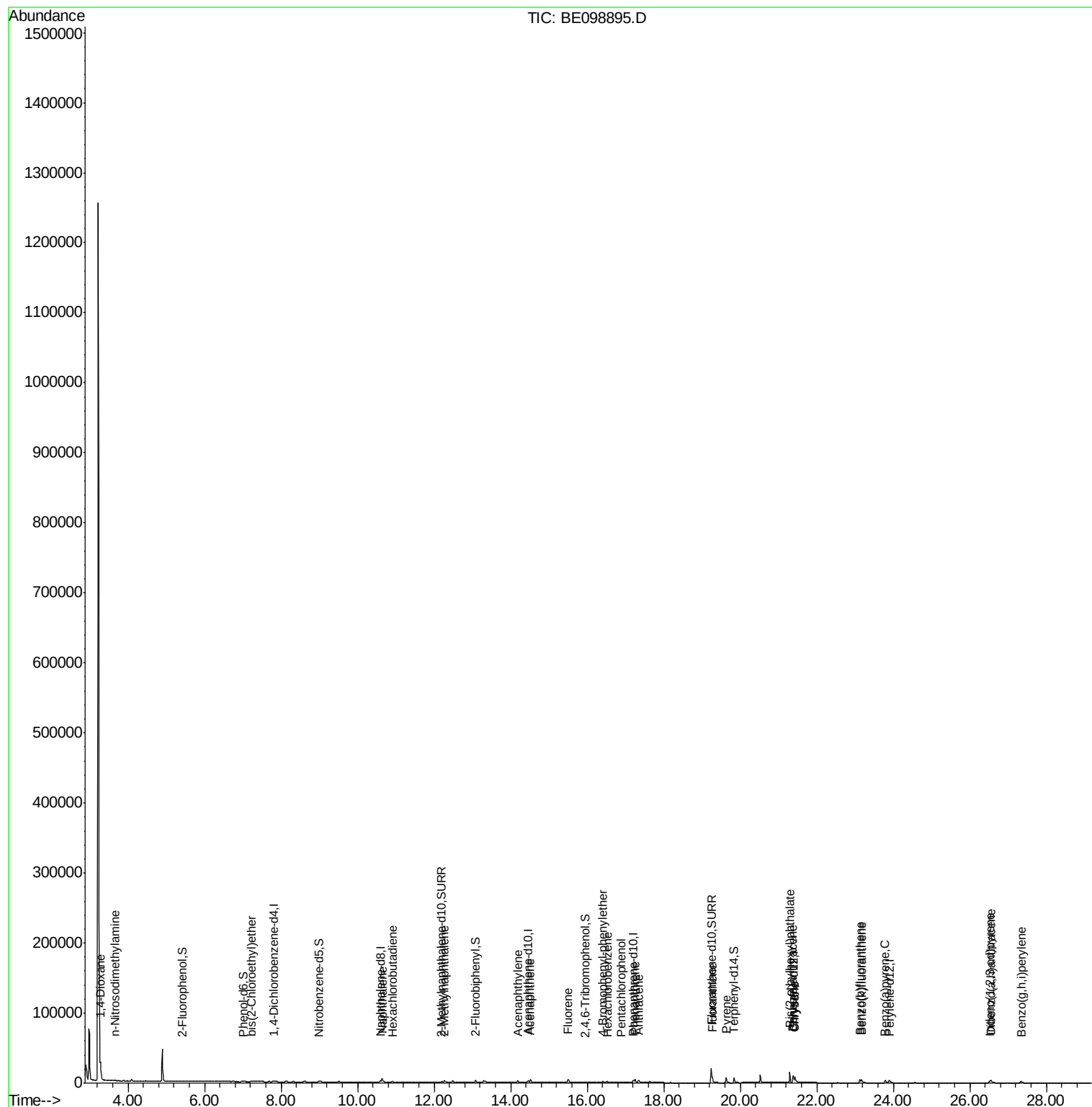
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098895.D
Acq On : 12 Mar 2019 13:20
Operator : JU/SJ
Sample : K1841-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

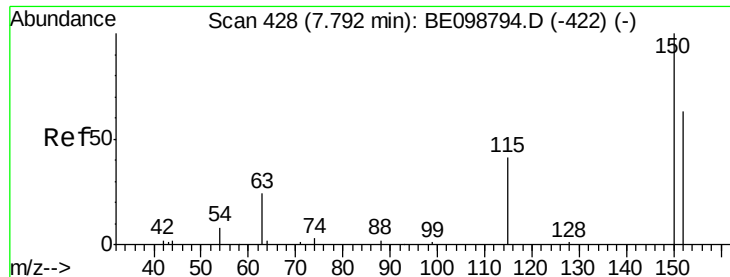
Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM

Quant Time: Mar 13 07:54:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration





#1

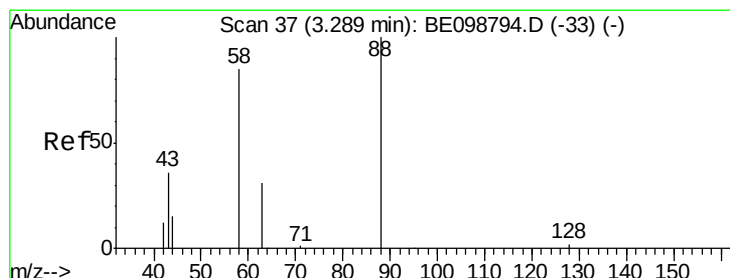
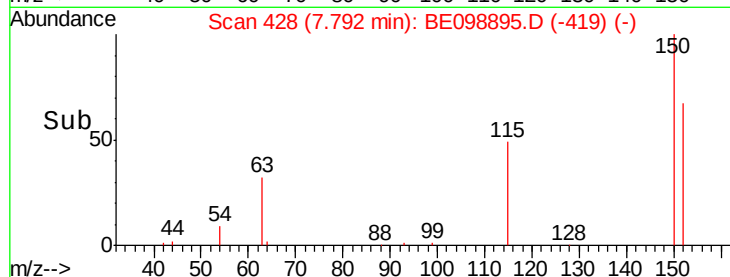
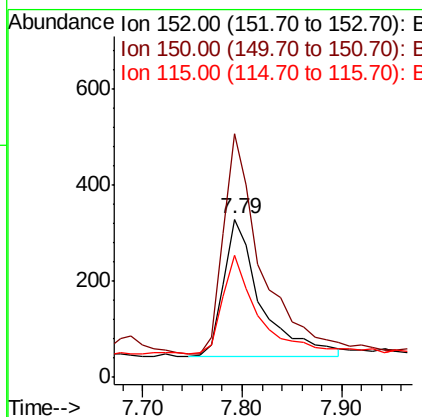
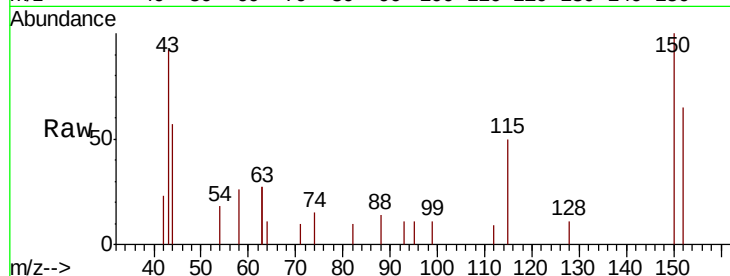
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.5	183.7
115	77.0	57.4	86.2

Manual Integrations
APPROVED

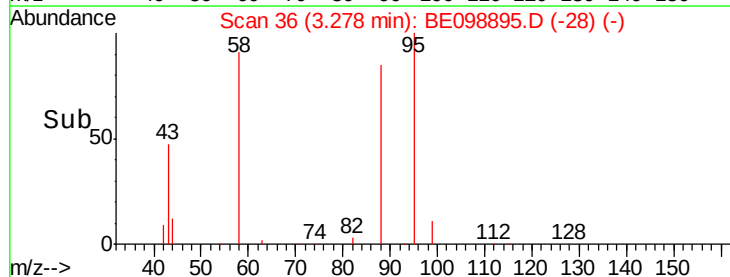
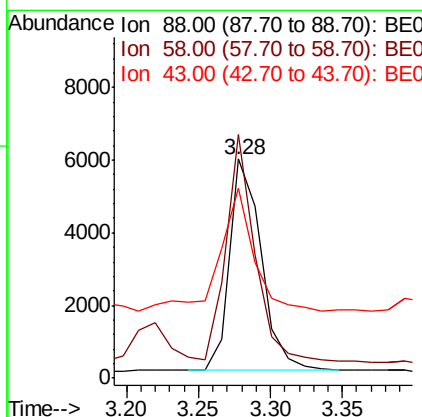
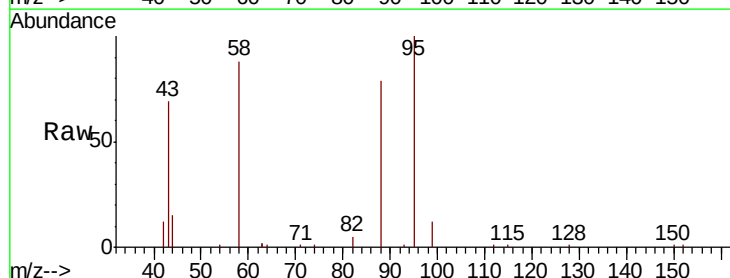
Sohil
3/13/2019 5:51:36 PM

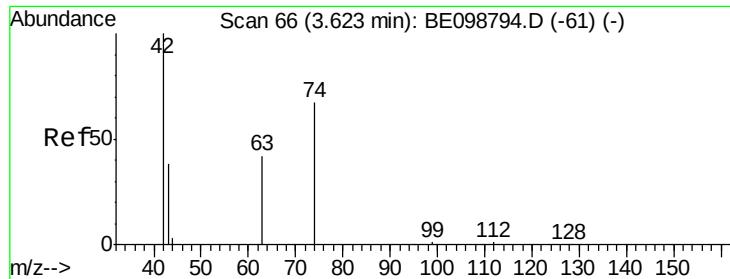


#2

1,4-Dioxane
Concen: 7.585 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	75.8	113.6
43	63.7	41.8	62.8#





#3

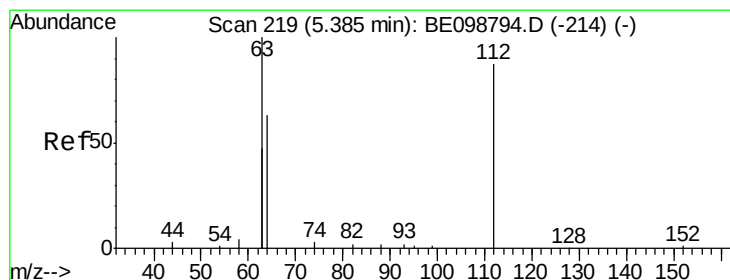
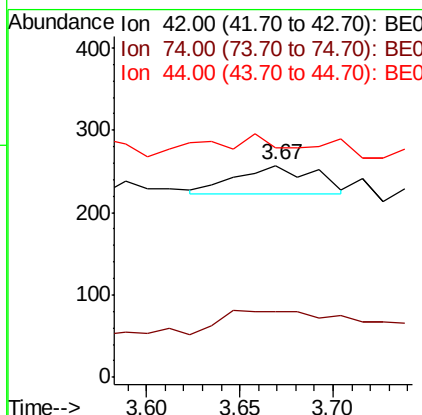
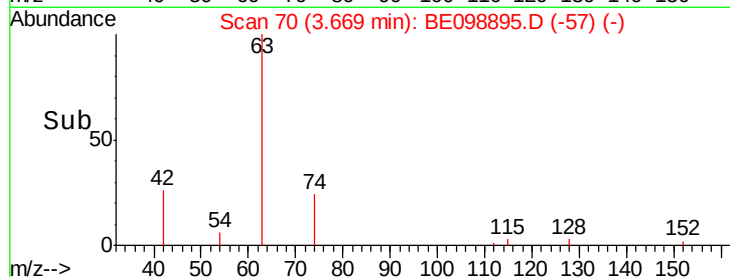
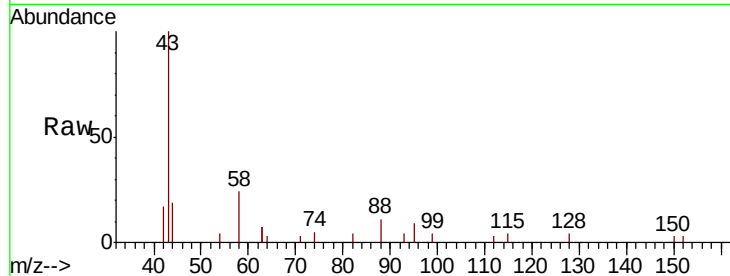
n-Nitrosodimethylamine
 Concen: 0.053 ng/ml
 RT: 3.67 min Scan# 70
 Delta R.T. 0.05 min
 Lab File: BE098895.D
 Acq: 12 Mar 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308MSD

Tot Ion:	42	Resp:	100
Ion	Ratio	Lower	Upper
42	100		
74	6.0	57.0	85.4#
44	0.0	0.0	0.0

Manual Integrations
 APPROVED

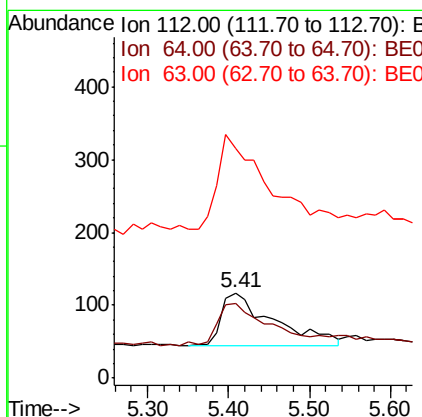
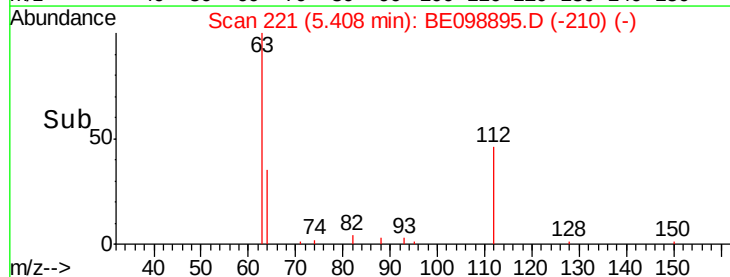
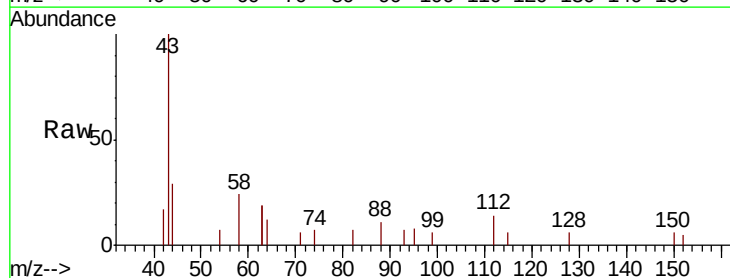
Sohil
 3/13/2019 5:51:36 PM

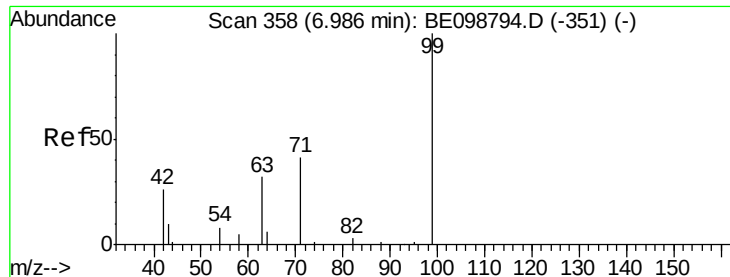


#4

2-Fluorophenol
 Concen: 0.142 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098895.D
 Acq: 12 Mar 2019 13:20

Tgt Ion:	112	Resp:	320
Ion	Ratio	Lower	Upper
112	100		
64	82.8	57.9	86.9
63	188.4	158.3	237.5





#5

Phenol-d6

Concen: 0.084 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Instrument :

BNA_E

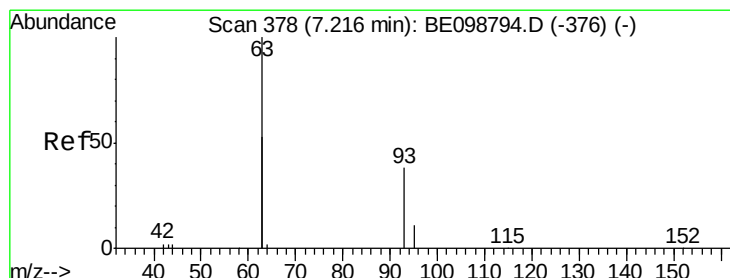
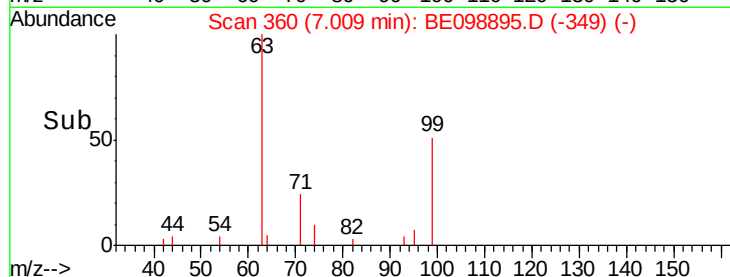
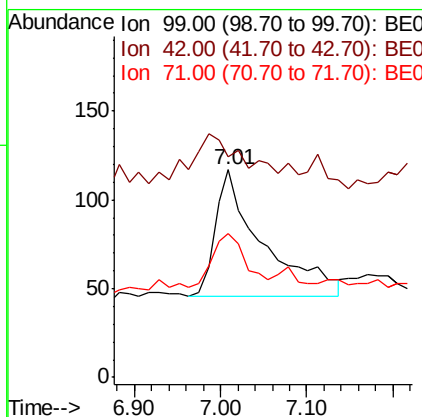
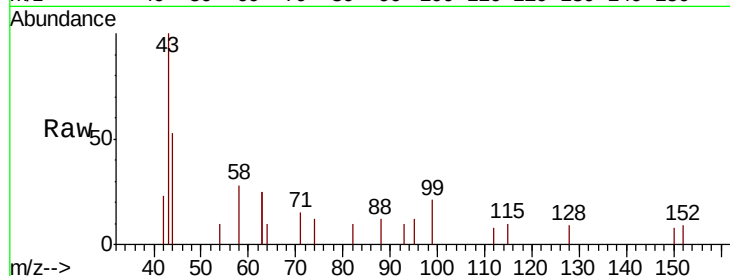
ClientSampleId :

RE122D2-20190308MSD

Tot Ion:	99	Resp:	268
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	32.8	35.7	53.5#

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.373 ng

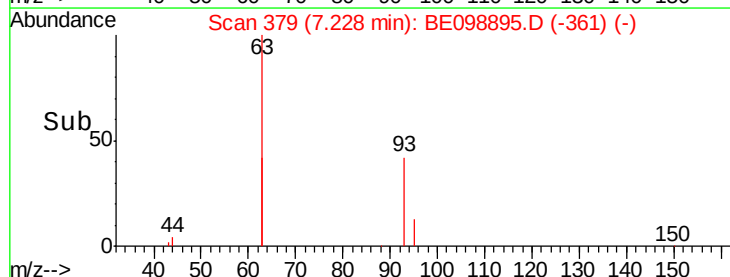
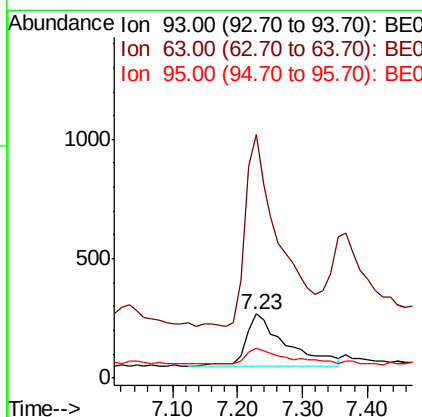
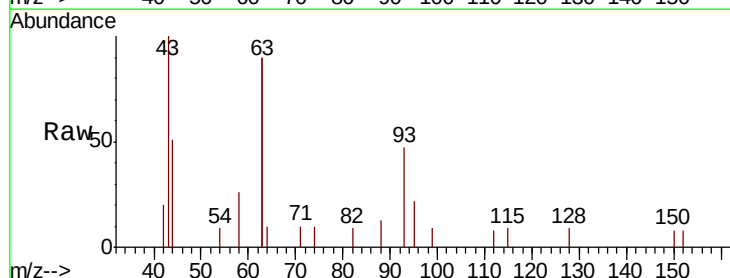
RT: 7.23 min Scan# 379

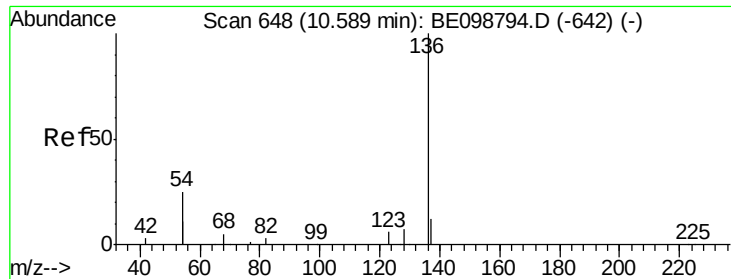
Delta R.T. 0.01 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Tgt Ion:	93	Resp:	915
Ion	Ratio	Lower	Upper
93	100		
63	311.0	247.5	371.3
95	30.5	21.8	32.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Instrument :

BNA_E

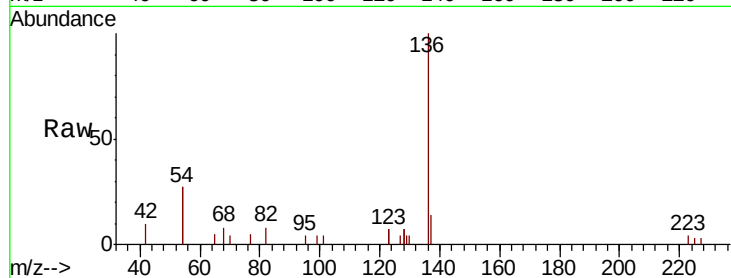
ClientSampleId :

RE122D2-20190308MSD

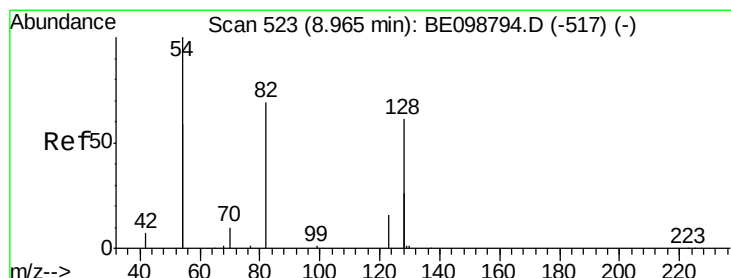
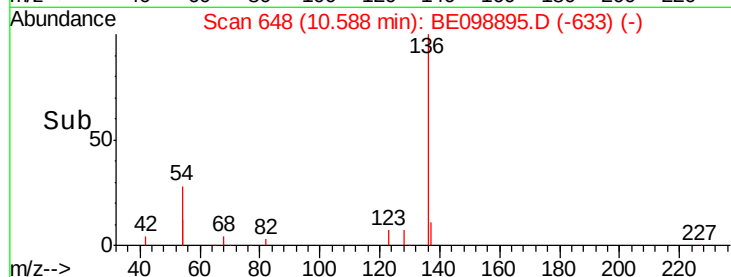
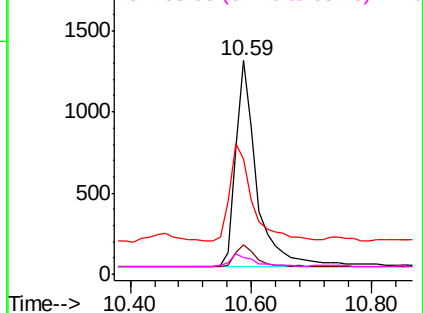
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.1	11.4	17.0
54	53.8	39.3	58.9
68	8.1	6.7	10.1

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 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: 0.394 ng

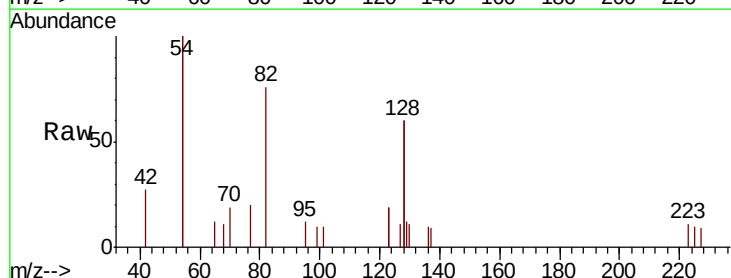
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

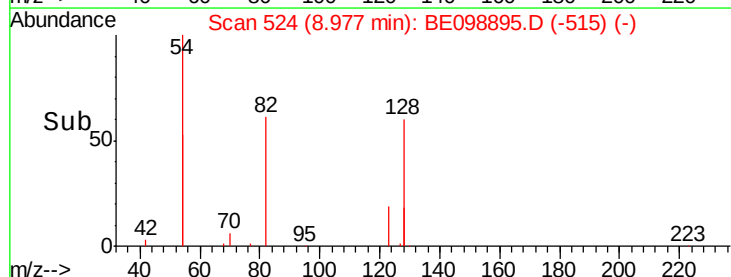
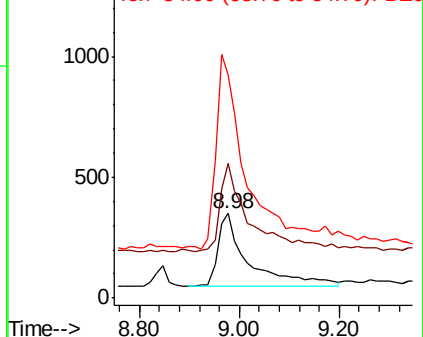
Lab File: BE098895.D

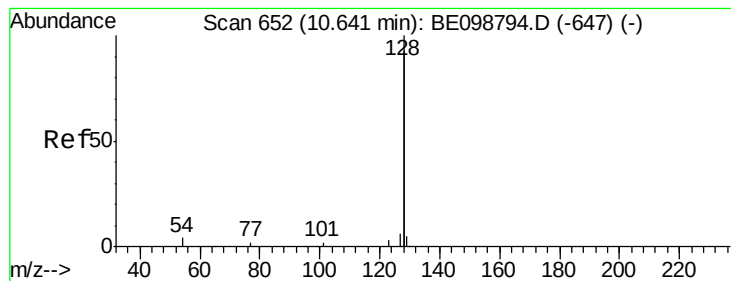
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
82	100		
128	159.3	123.8	185.8
54	264.8	203.4	305.2



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: 0.371 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Instrument :

BNA_E

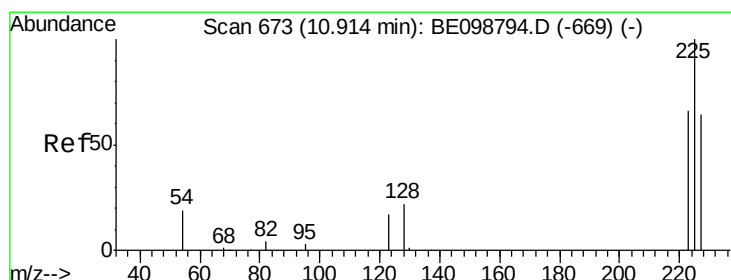
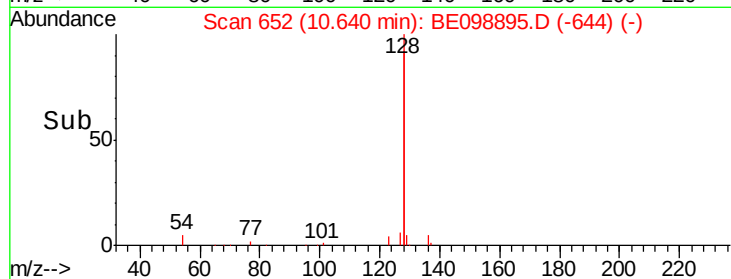
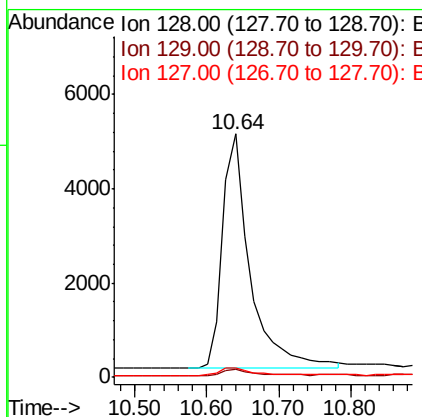
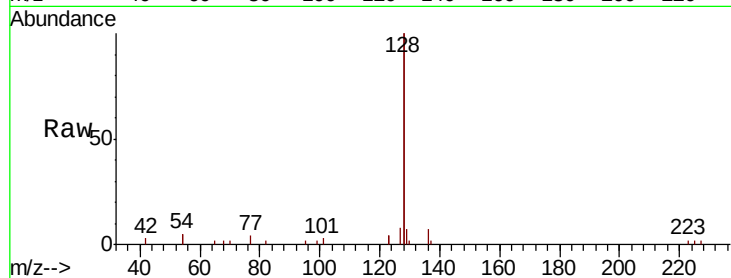
ClientSampleId :

RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.0	3.1	4.7

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM



#10

Hexachlorobutadiene

Concen: 0.331 ng

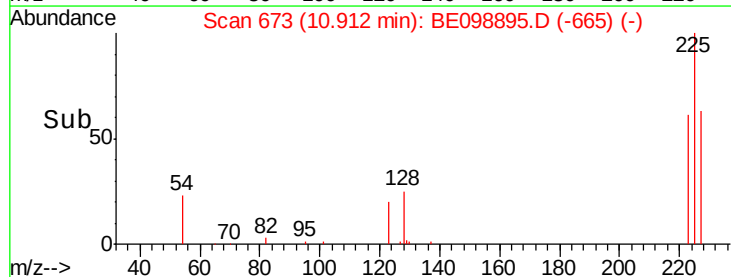
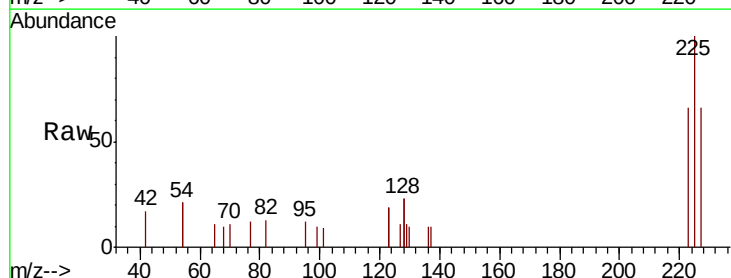
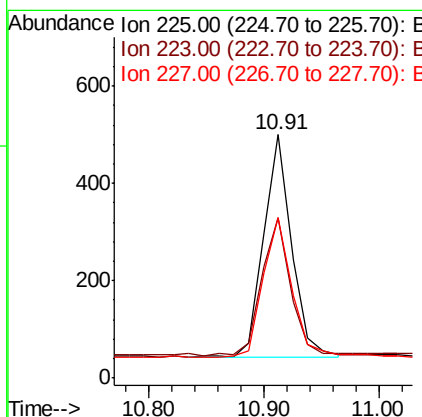
RT: 10.91 min Scan# 673

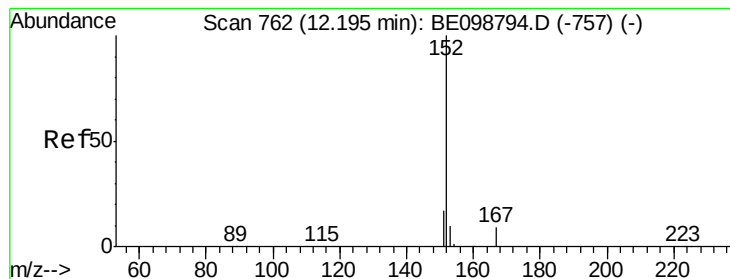
Delta R.T. -0.00 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.1	76.7
227	64.6	51.6	77.4





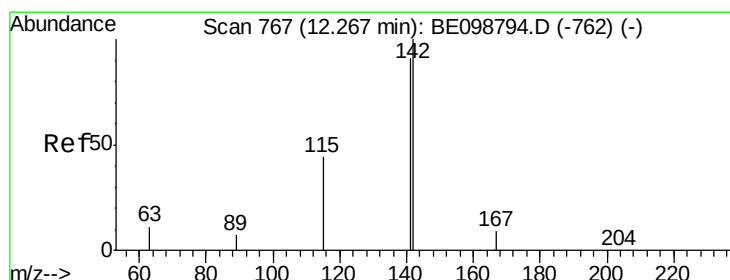
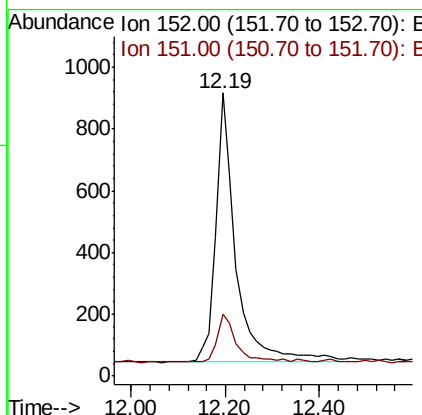
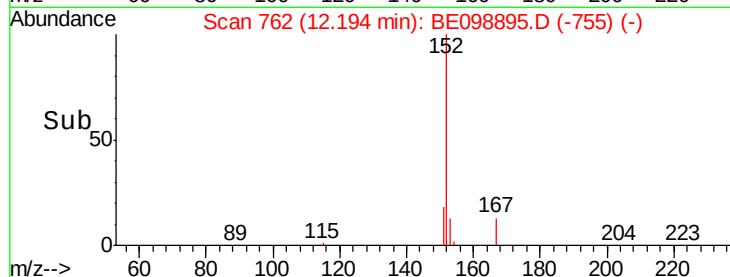
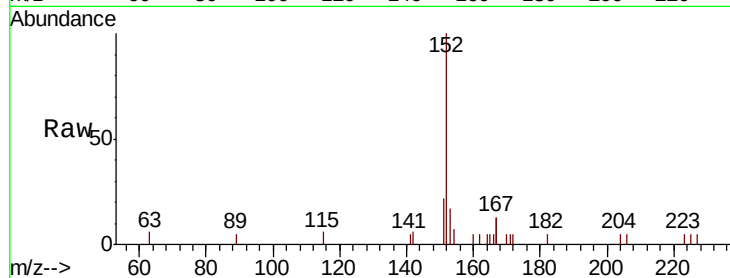
#11
2-Methylnaphthalene-d10
Concen: 0.442 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.2	16.5	24.7

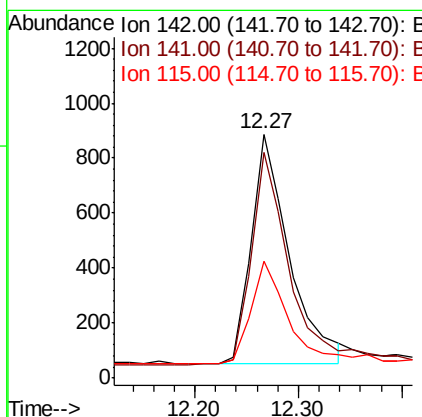
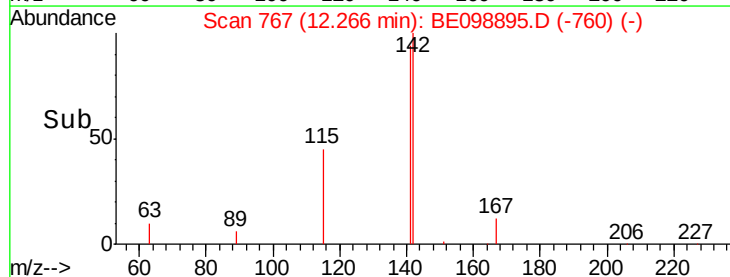
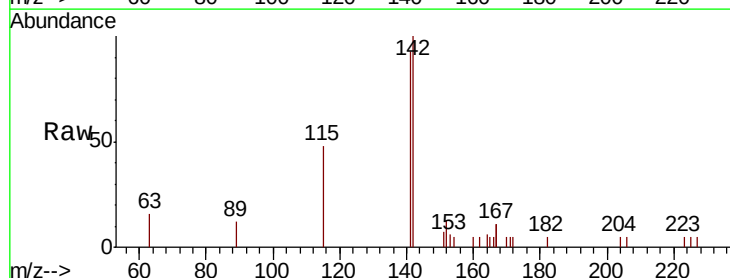
Manual Integrations
APPROVED

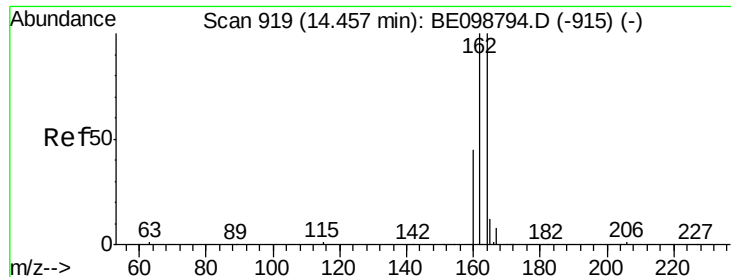
Sohil
3/13/2019 5:51:36 PM



#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.6	108.8
115	47.9	37.4	56.2





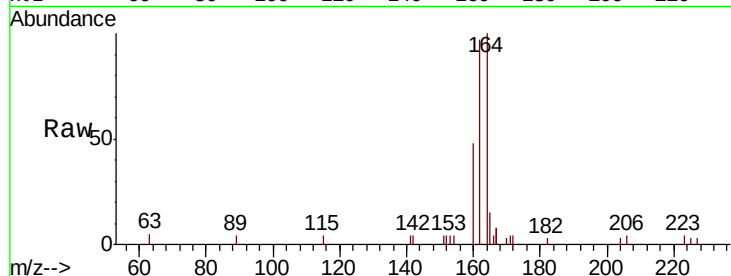
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

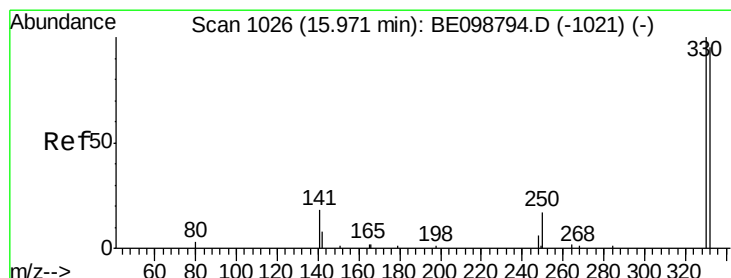
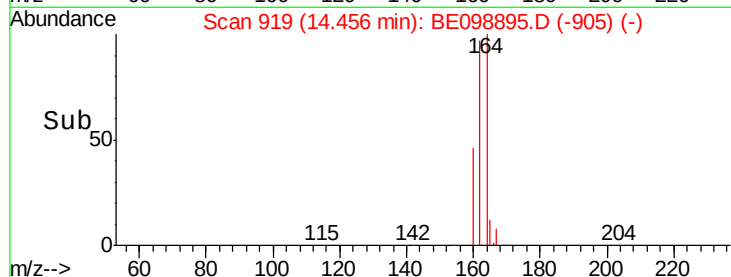
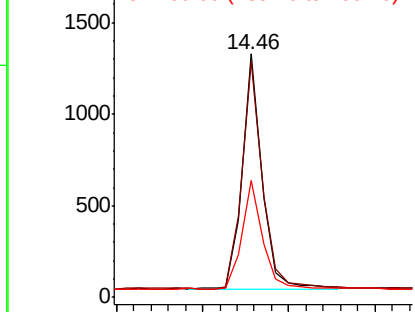
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	80.2	120.2
160	47.9	37.8	56.8

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM

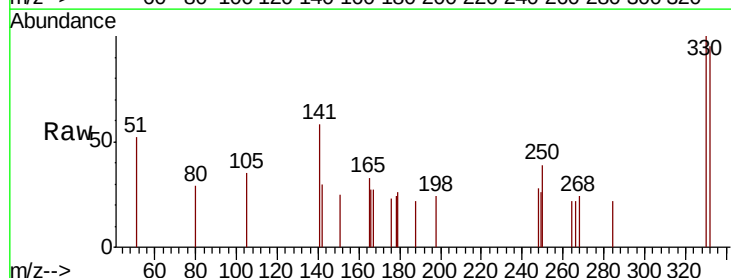


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

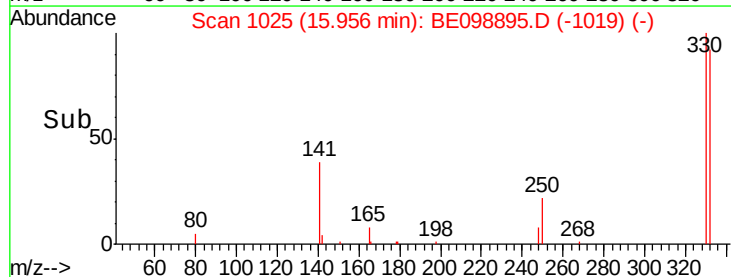
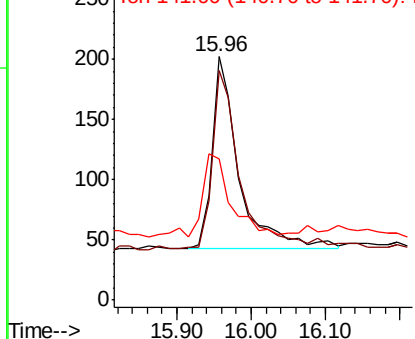


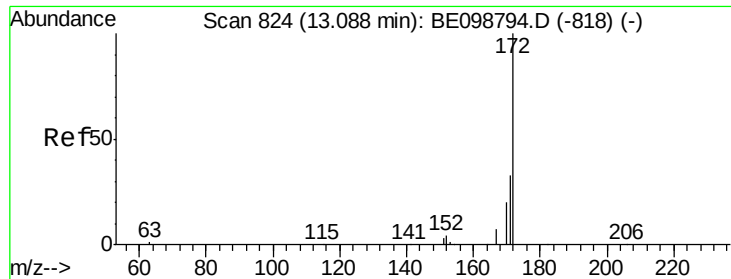
#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.6	116.4
141	44.5	31.0	46.4



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





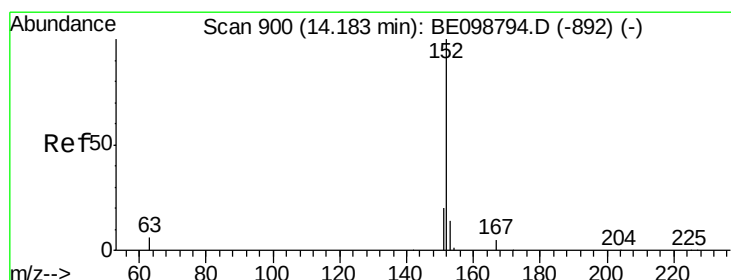
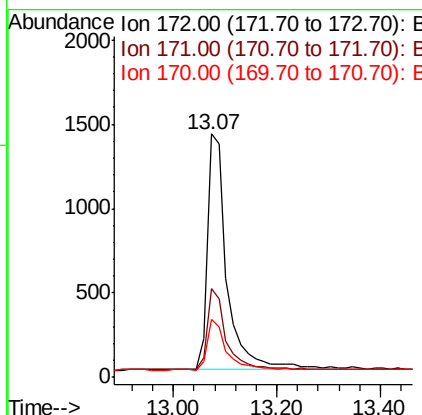
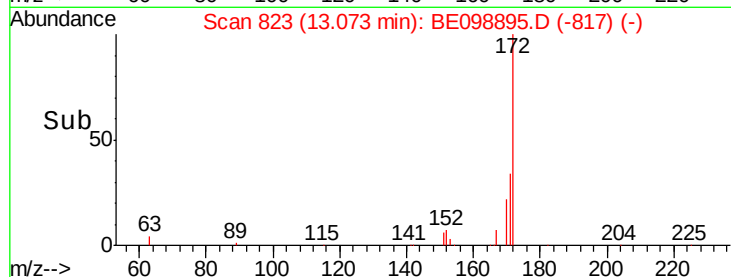
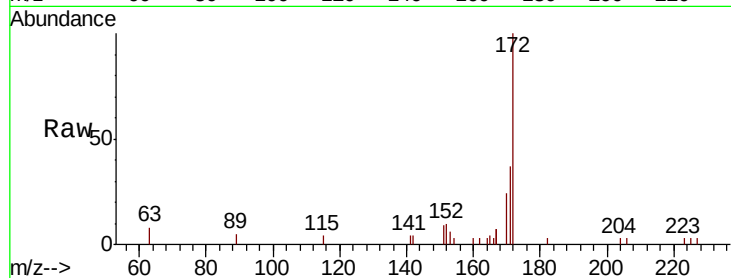
#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.0	42.0
170	24.0	17.7	26.5

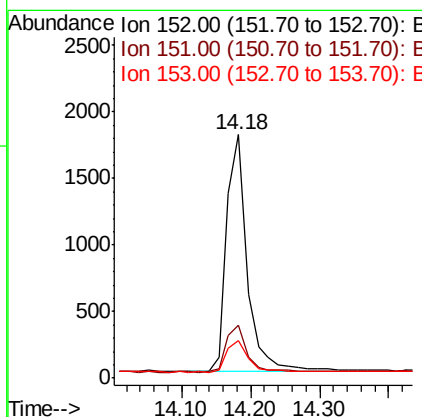
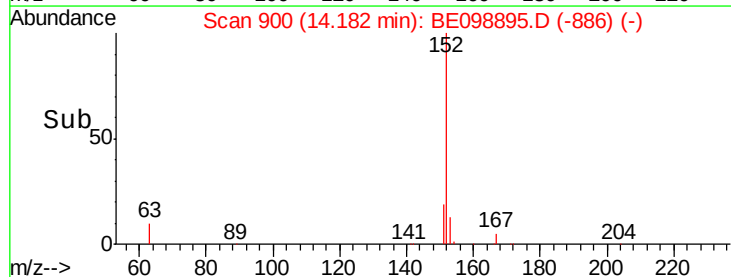
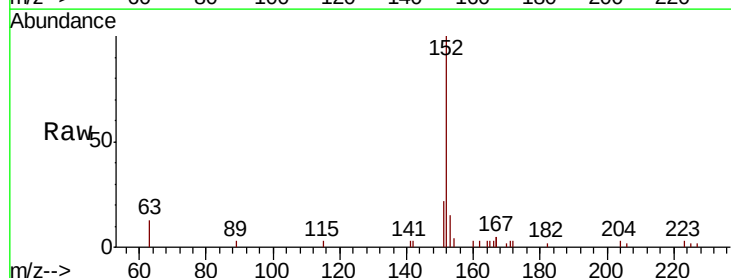
Manual Integrations
APPROVED

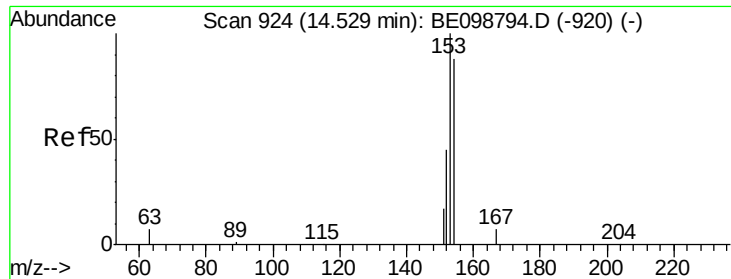
Sohil
3/13/2019 5:51:36 PM



#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	13.5	11.2	16.8





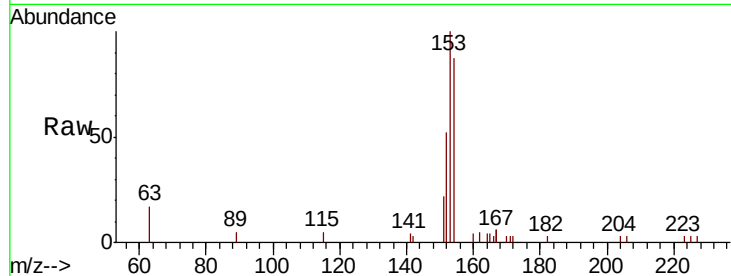
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	94.2	141.4
152	56.1	45.0	67.4

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM

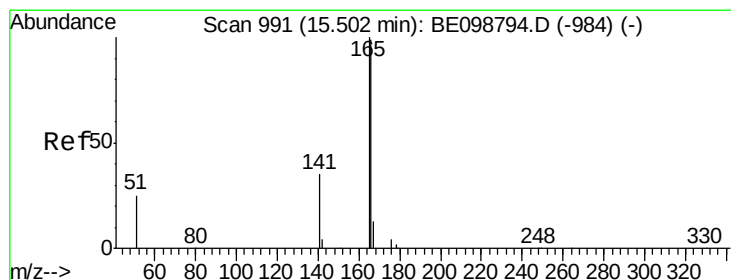
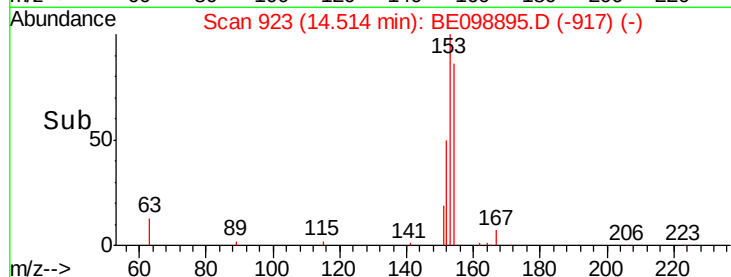
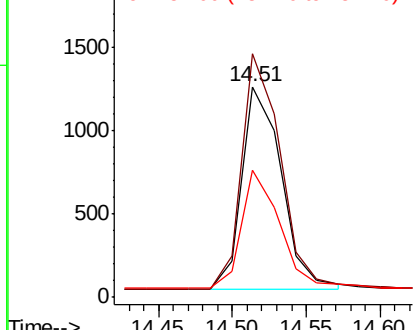


Abundance

Ion 154.00 (153.70 to 154.70): E

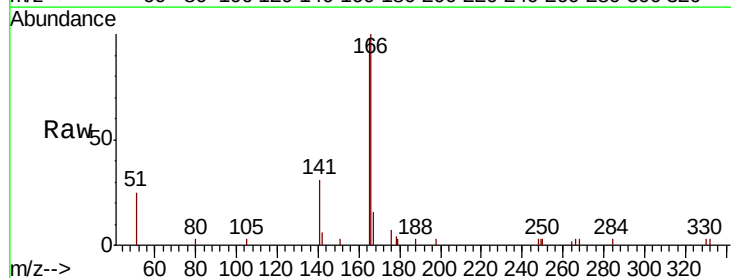
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.362 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.3	118.9
167	13.5	10.5	15.7

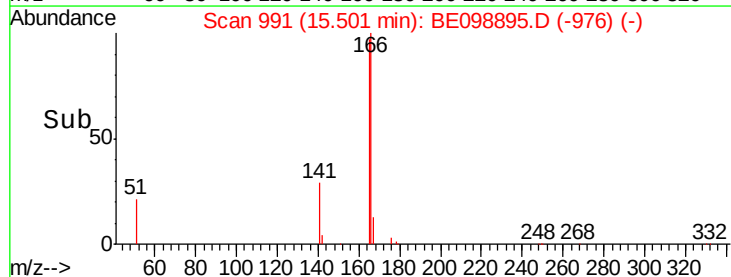
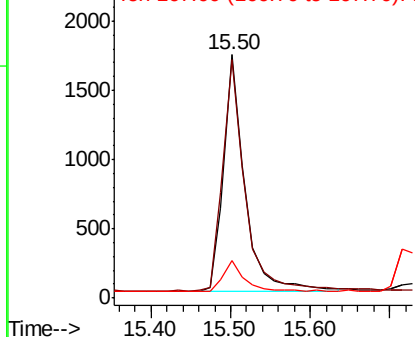


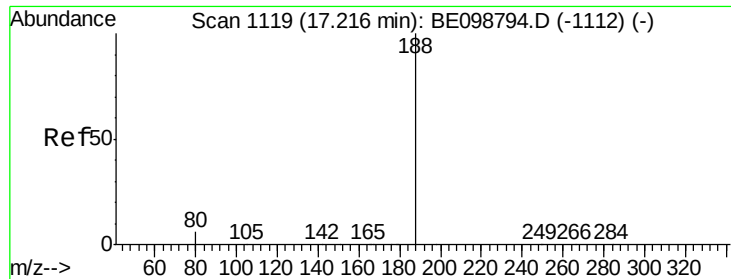
Abundance

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





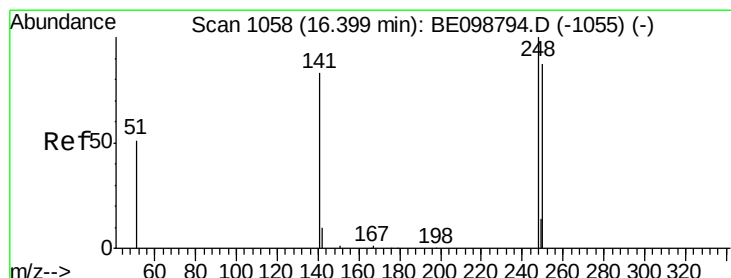
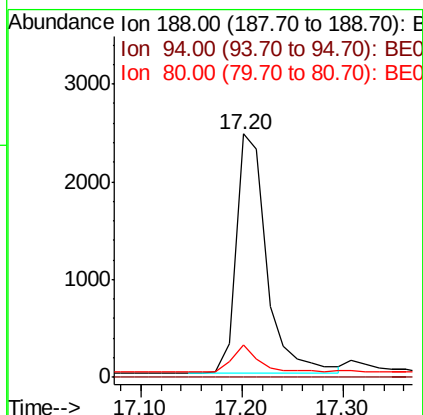
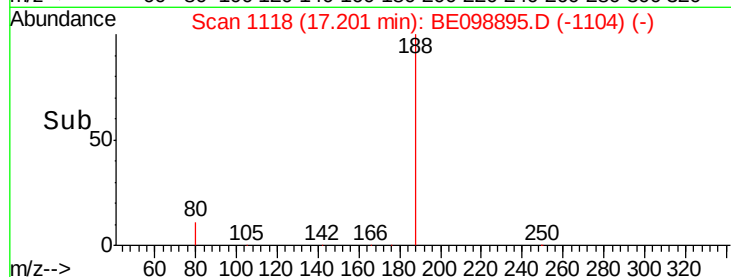
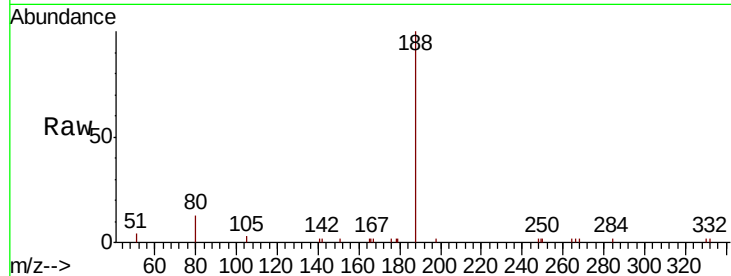
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	6.3	9.5

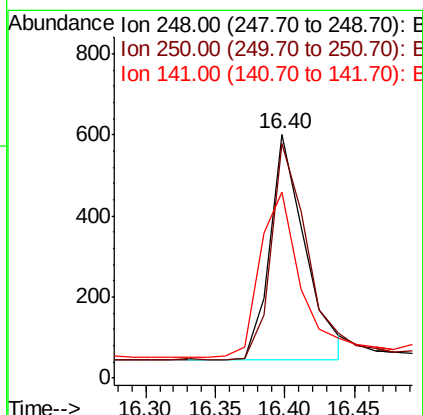
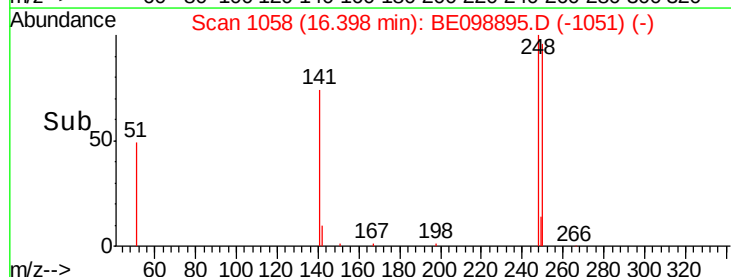
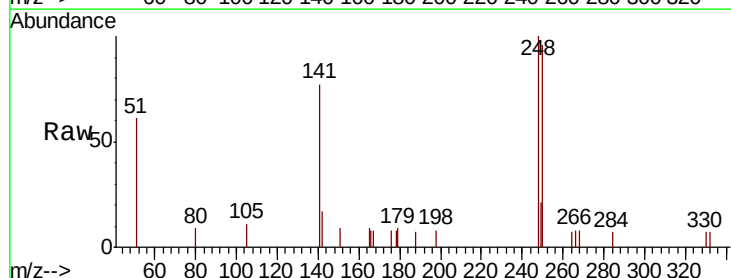
Manual Integrations
APPROVED

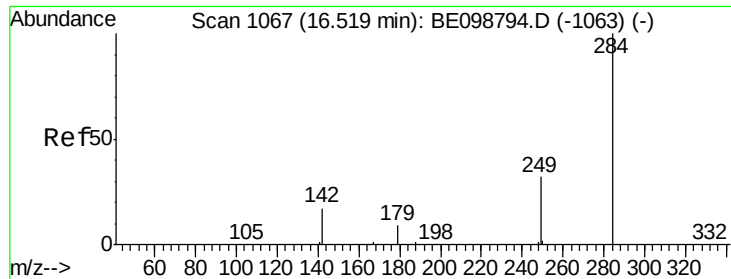
Sohil
3/13/2019 5:51:36 PM



#20
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	96.2	70.6	105.8
141	76.5	68.6	102.8





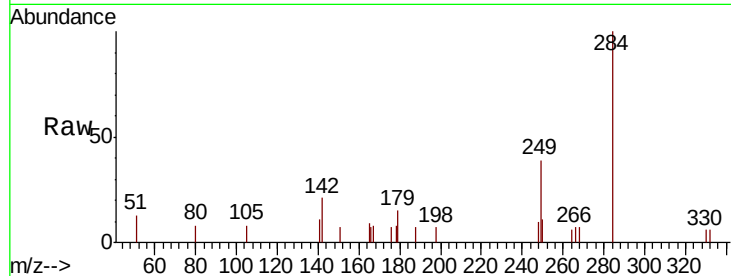
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

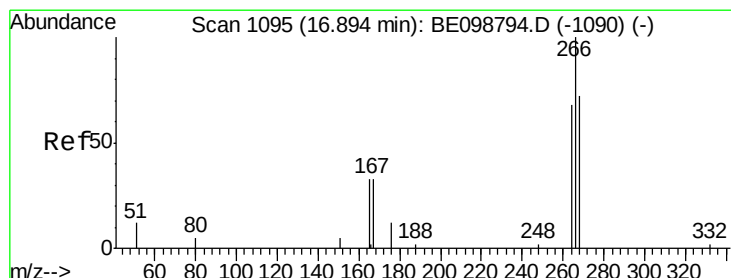
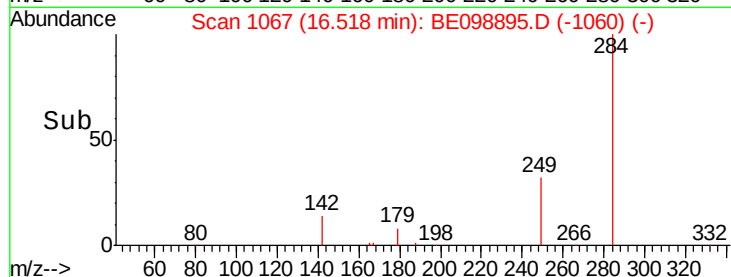
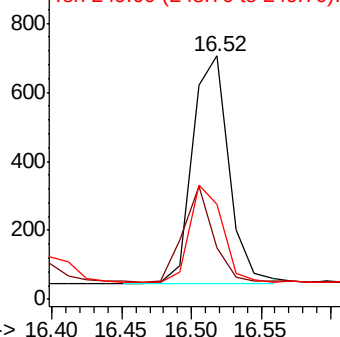
Tot Ion:	284	Resp:	1200
Ion Ratio	Lower	Upper	
284	100		
142	35.1	28.7	43.1
249	38.7	29.6	44.4

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM

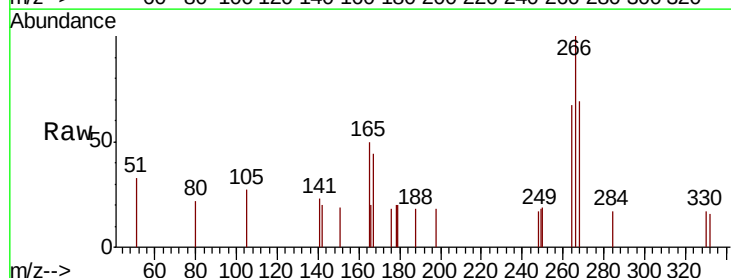


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

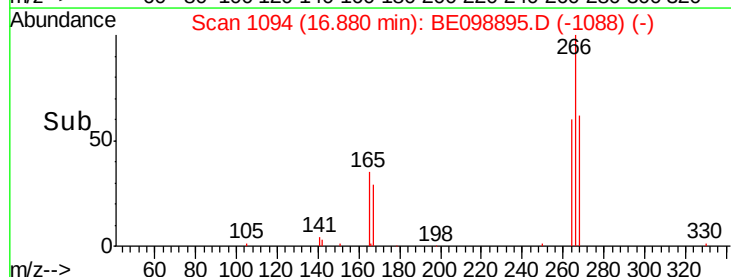
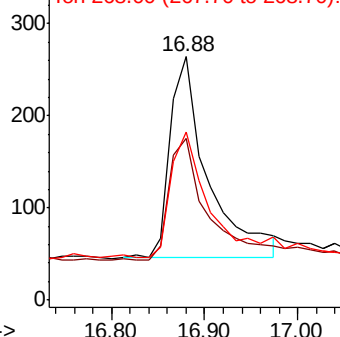


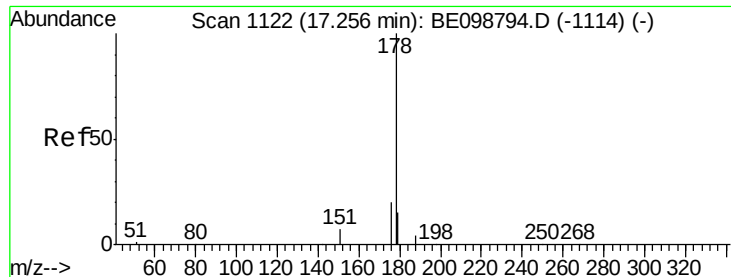
#22
Pentachlorophenol
Concen: 0.808 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion:	266	Resp:	611
Ion Ratio	Lower	Upper	
266	100		
264	66.7	66.6	100.0
268	68.9	69.8	104.8#



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





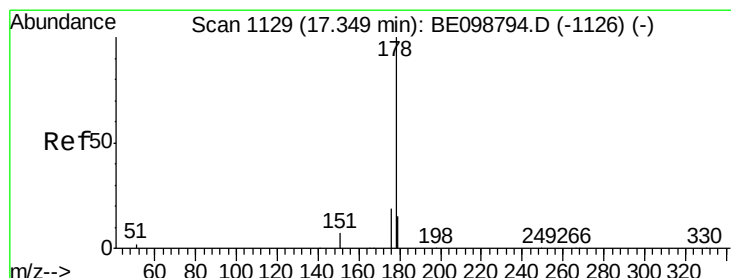
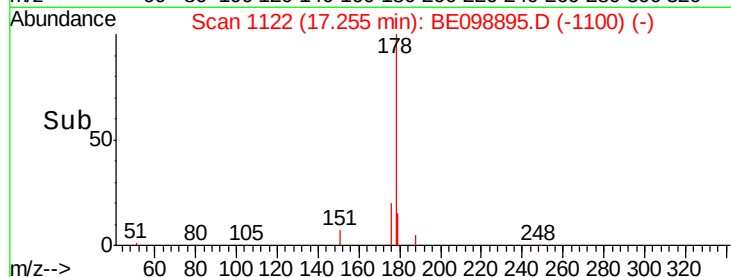
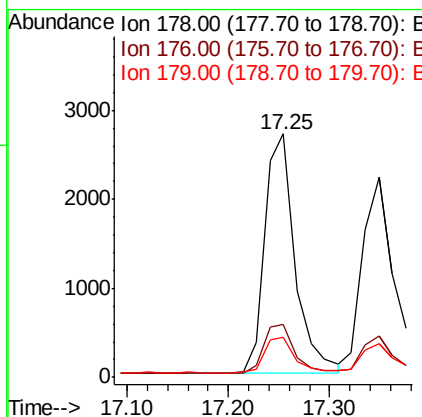
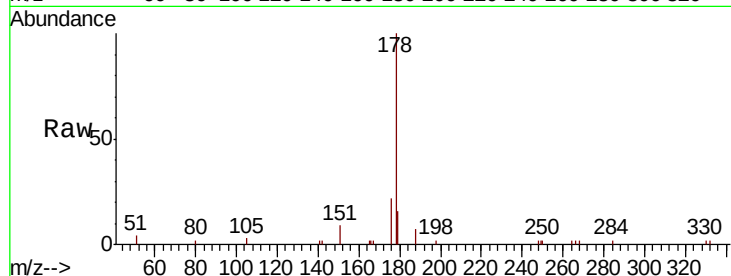
#23
Phenanthrene
Concen: 0.381 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion:178	Resp:	5550
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.0 24.0
179	15.4	12.1 18.1

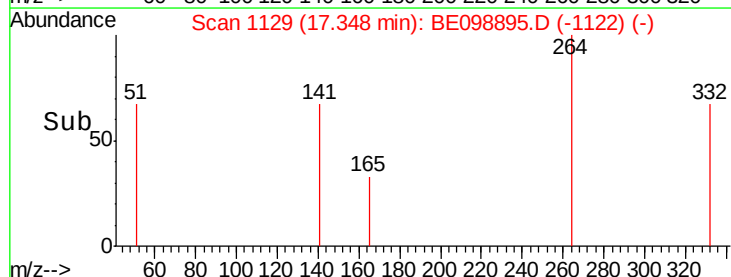
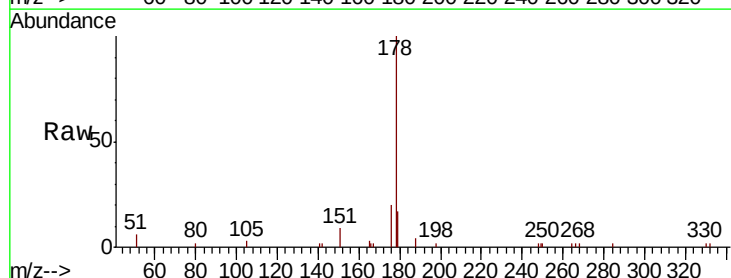
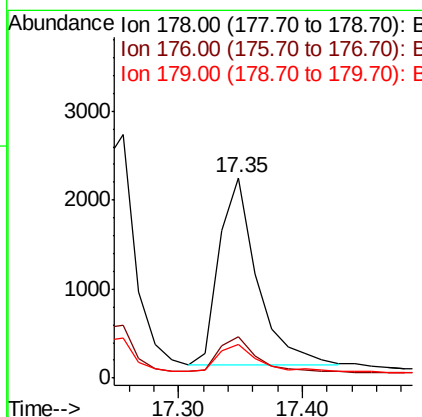
Manual Integrations
APPROVED

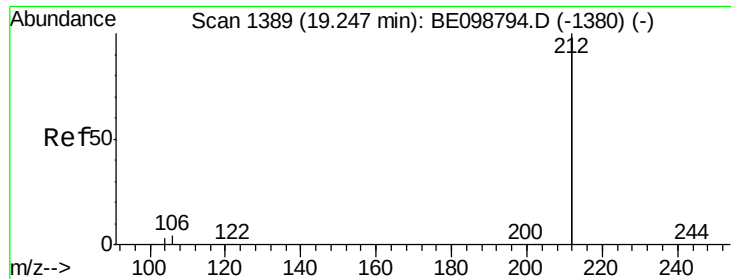
Sohil
3/13/2019 5:51:36 PM



#24
Anthracene
Concen: 0.361 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion:178	Resp:	4491
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.4 23.0
179	14.8	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Instrument :

BNA_E

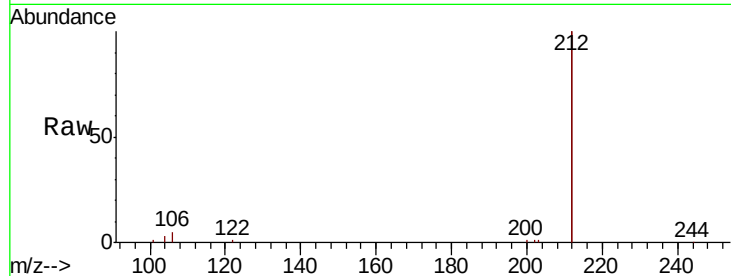
ClientSampleId :

RE122D2-20190308MSD

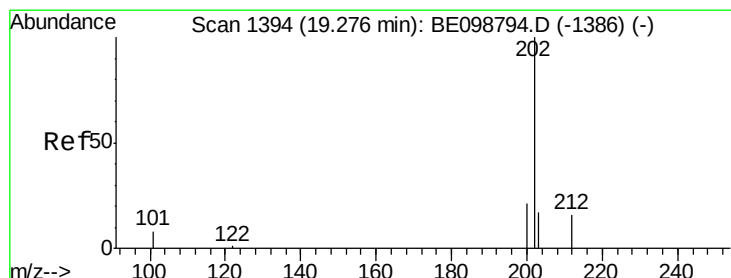
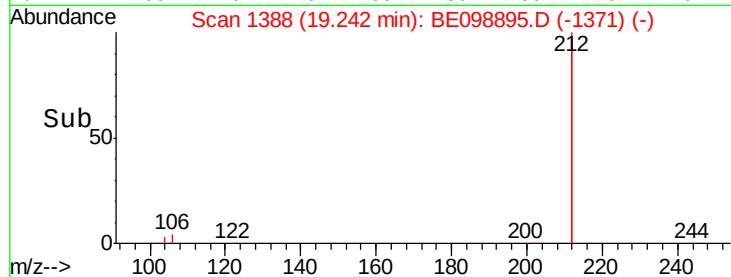
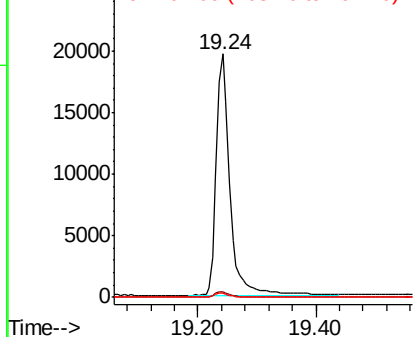
Tot Ion:	212	Resp:	31526
Ion Ratio	Lower	Upper	
212	100		
106	2.2	1.8	2.8
104	1.4	1.0	1.6

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.363 ng

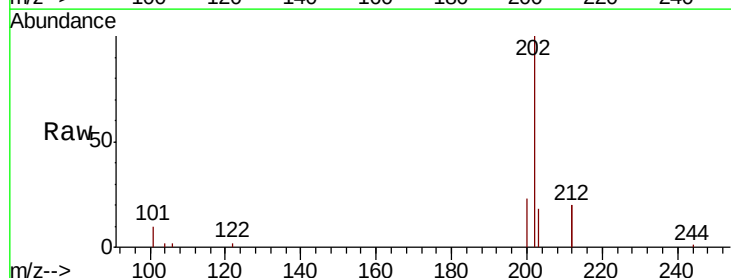
RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

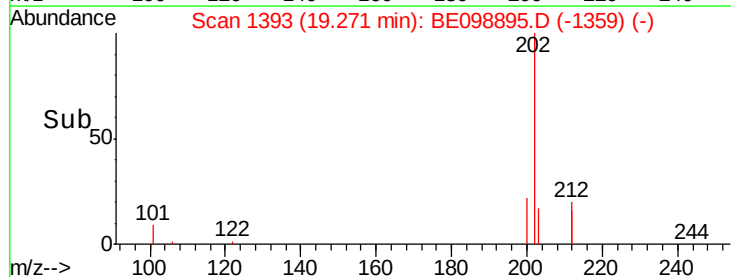
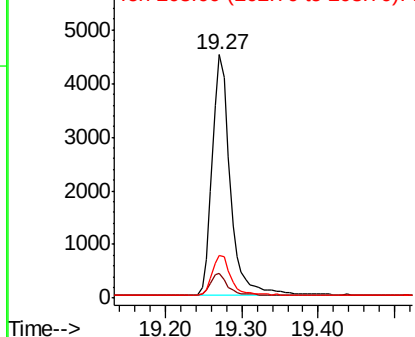
Lab File: BE098895.D

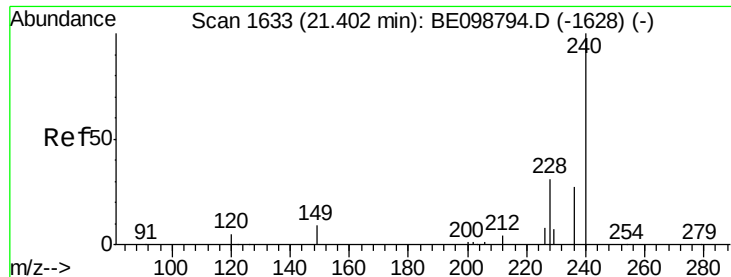
Acq: 12 Mar 2019 13:20

Tgt Ion:	202	Resp:	7448
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.3	10.9
203	16.7	13.4	20.2



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





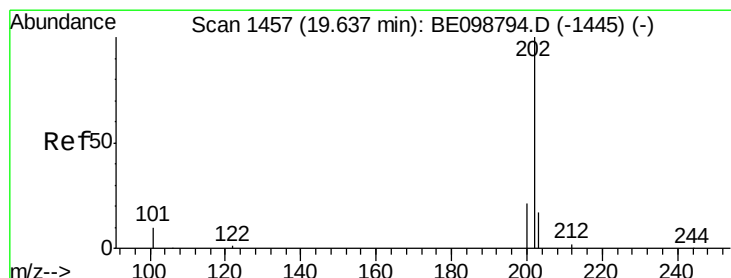
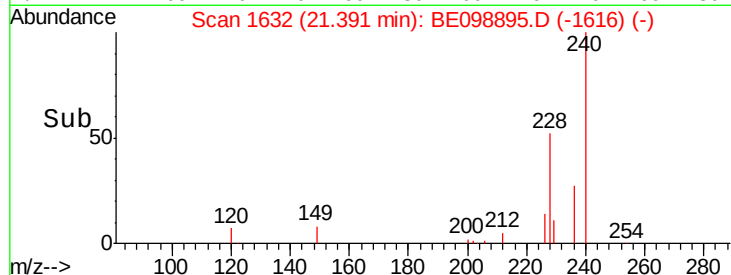
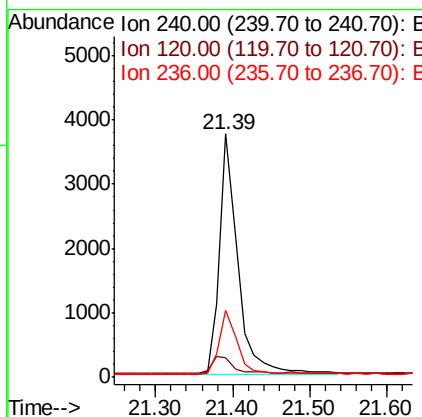
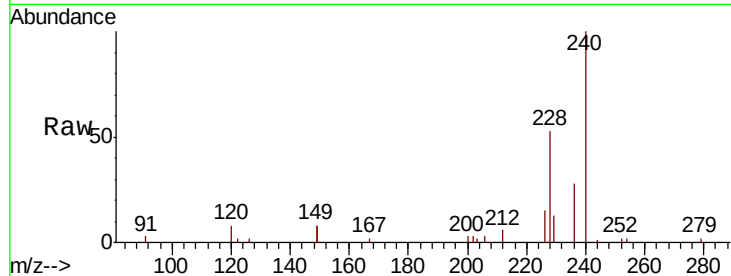
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.0	7.4#
236	27.8	22.7	34.1

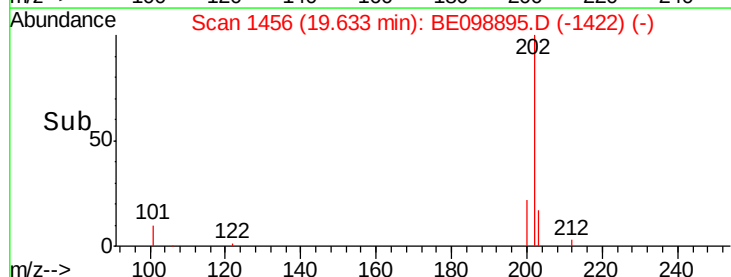
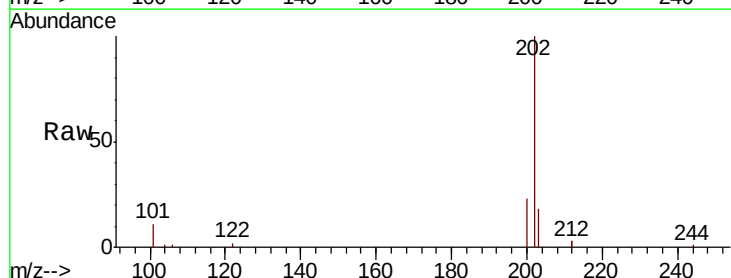
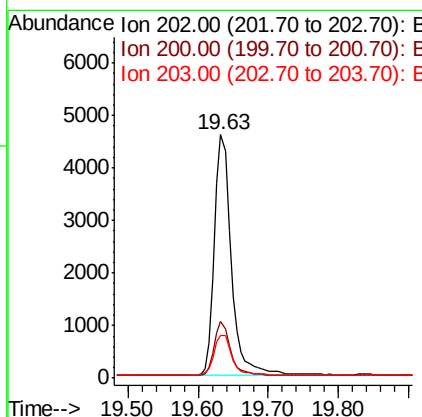
Manual Integrations
APPROVED

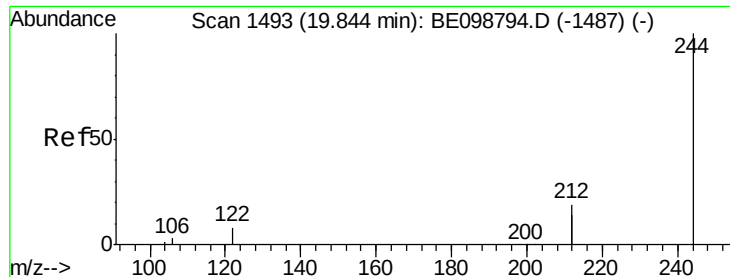
Sohil
3/13/2019 5:51:36 PM



#28
Pyrene
Concen: 0.405 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	18.1	14.2	21.2





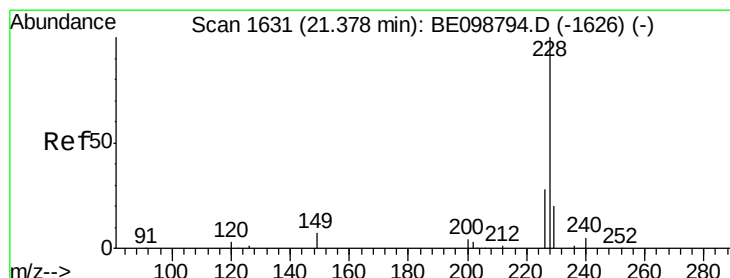
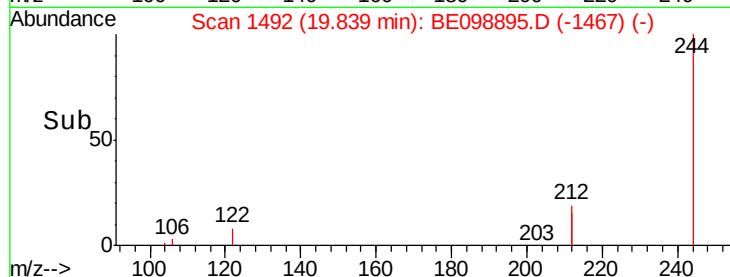
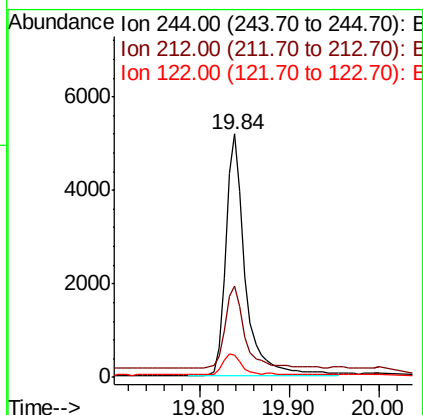
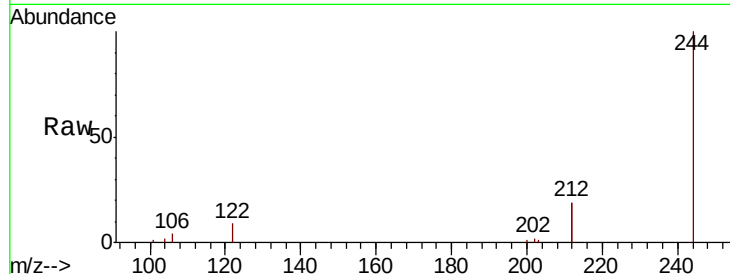
#29
 Terphenyl-d14
 Concen: 0.508 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098895.D
 Acq: 12 Mar 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	37.6	29.4	44.2
122	8.9	7.1	10.7

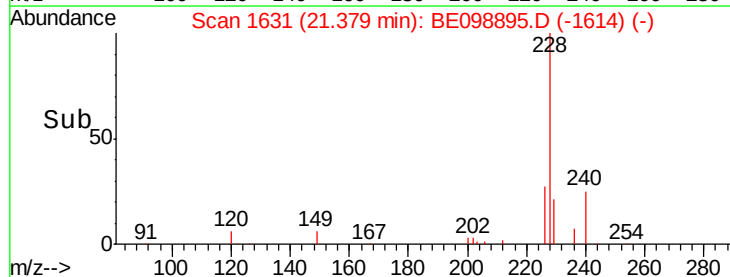
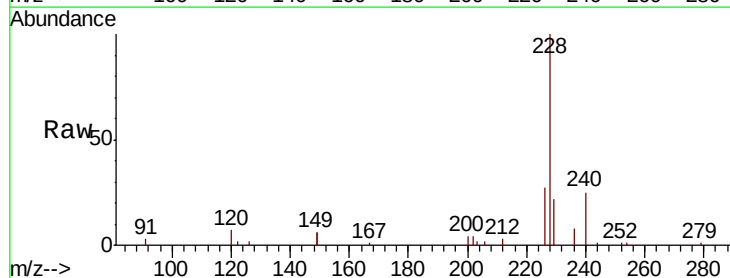
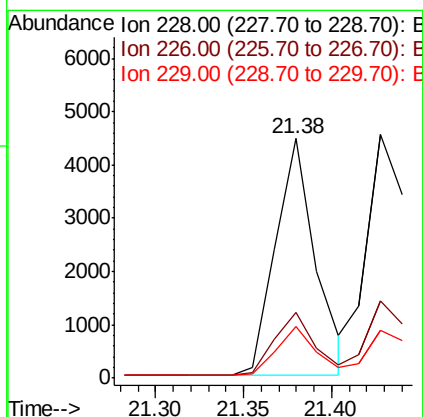
Manual Integrations
 APPROVED

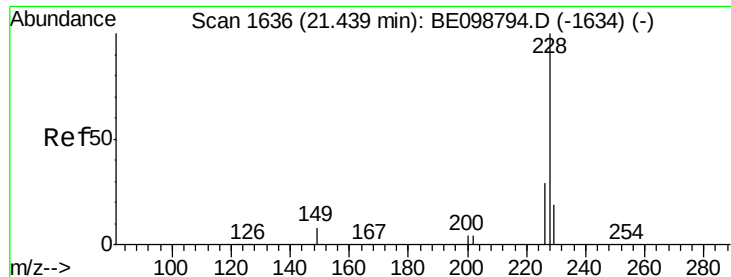
Sohil
 3/13/2019 5:51:36 PM



#30
 Benzo(a)anthracene
 Concen: 0.363 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098895.D
 Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	21.7	16.5	24.7





#31

Chrysene

Concen: 0.375 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Instrument :

BNA_E

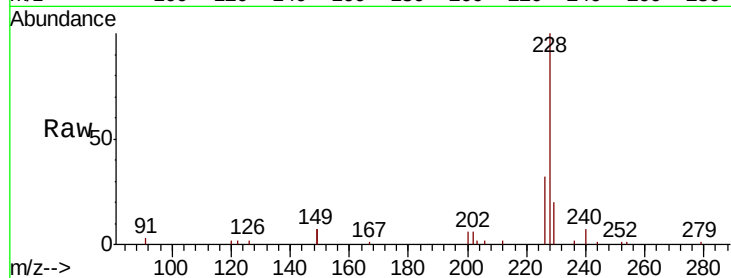
ClientSampleId :

RE122D2-20190308MSD

Tot Ion:	228	Resp:	7750
Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	19.9	16.1	24.1

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM

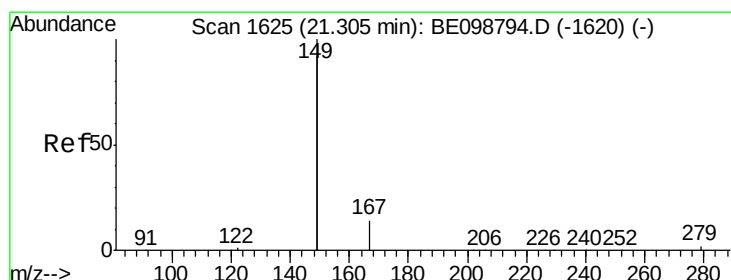
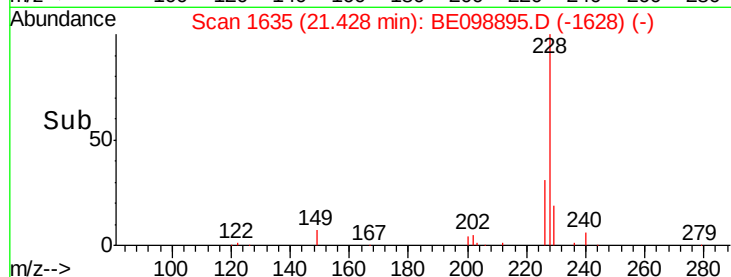
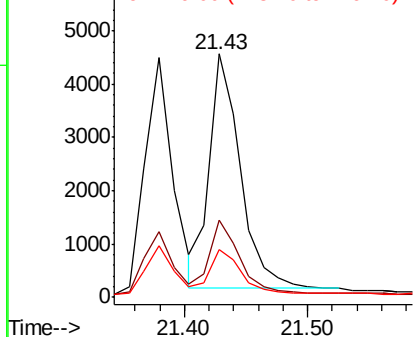


Abundance

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: 0.347 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

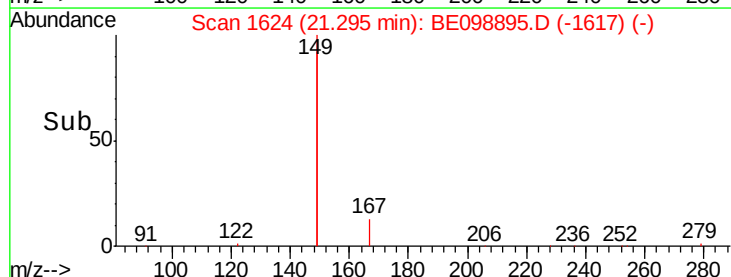
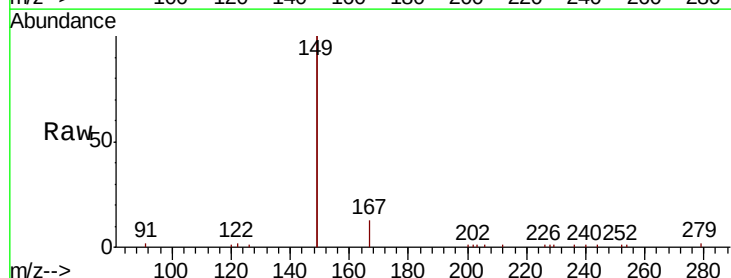
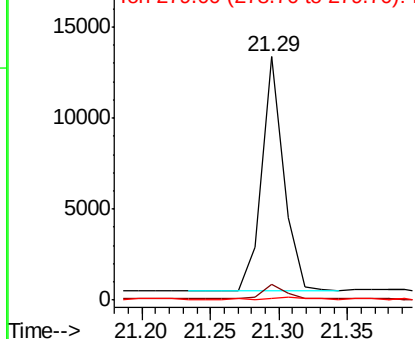
Tgt Ion:	149	Resp:	14281
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.2	1.0	1.4

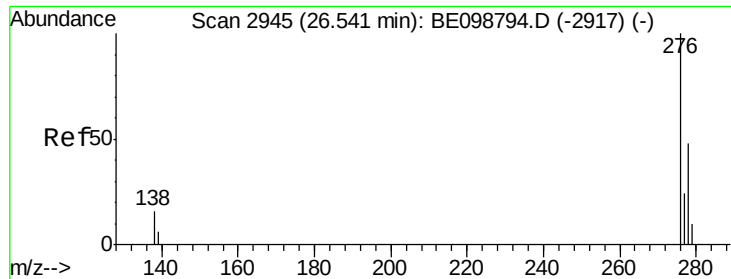
Abundance

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





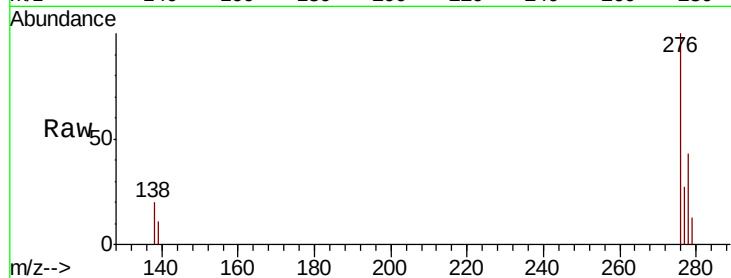
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 26.53 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BE098895.D
 Acq: 12 Mar 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308MSD

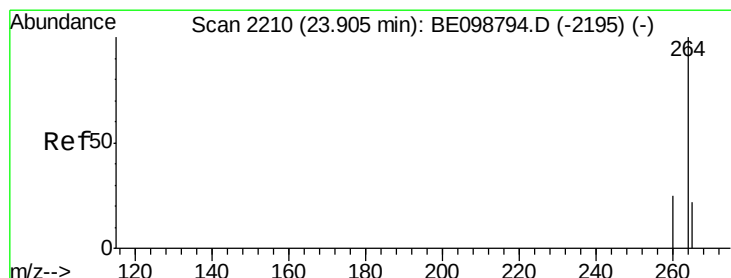
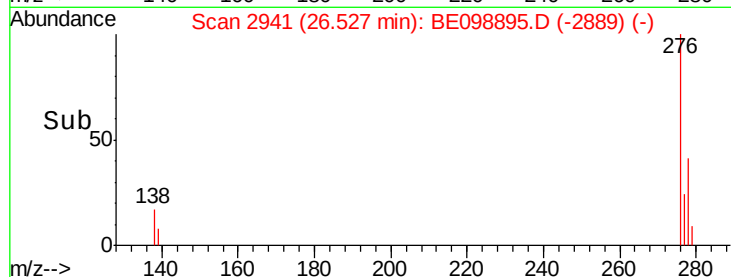
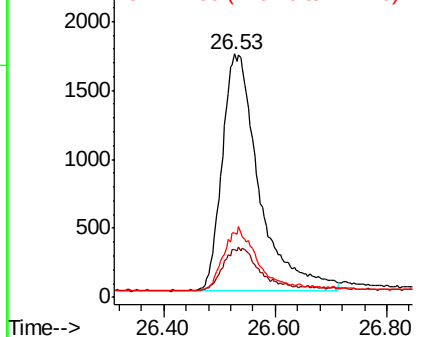
Tot Ion:	276	Resp:	7954
Ion Ratio	Lower	Upper	
276	100		
138	17.1	13.8	20.8
277	23.8	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:51:36 PM

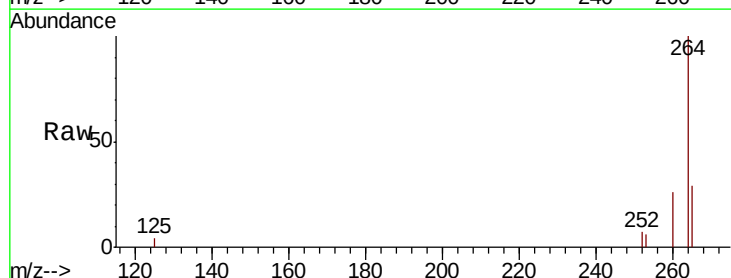


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

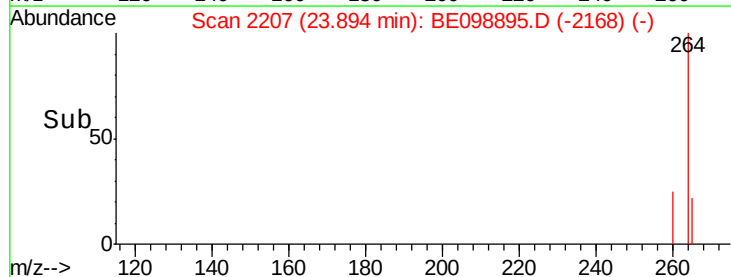
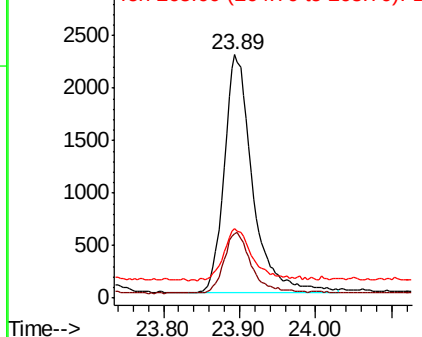


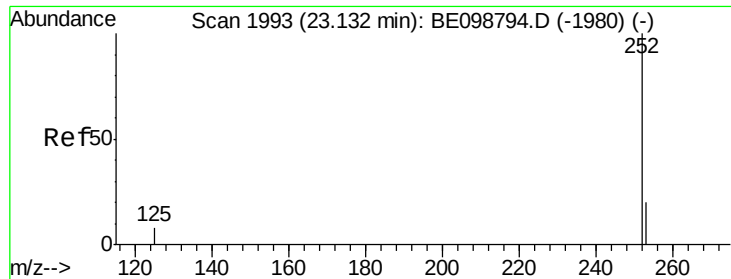
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098895.D
 Acq: 12 Mar 2019 13:20

Tgt Ion:	264	Resp:	5845
Ion Ratio	Lower	Upper	
264	100		
260	26.2	21.2	31.8
265	28.7	24.6	36.8



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





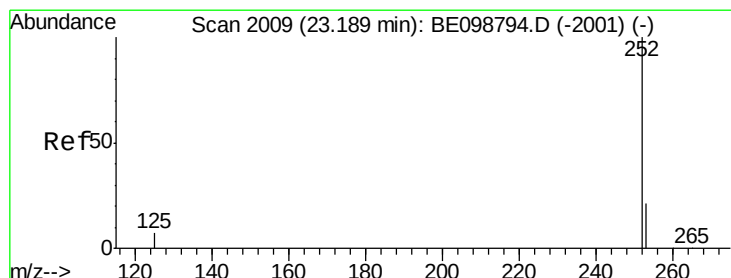
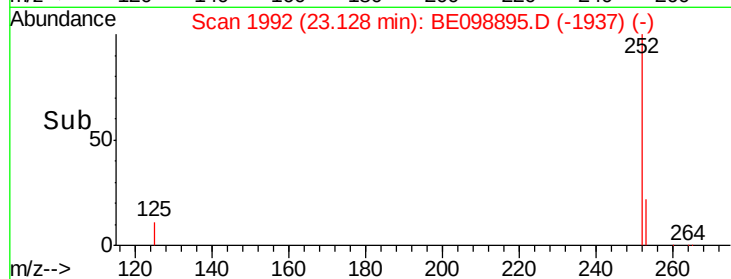
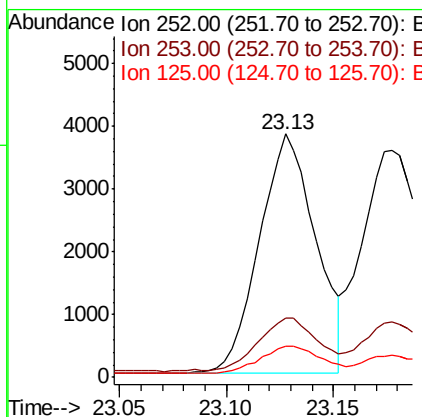
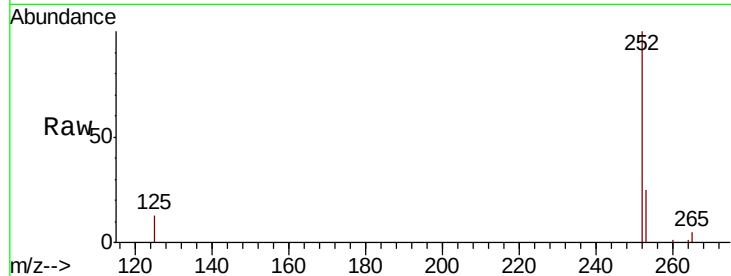
#35
Benzo(b)fluoranthene
Concen: 0.363 ng m
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	12.7	7.3	10.9

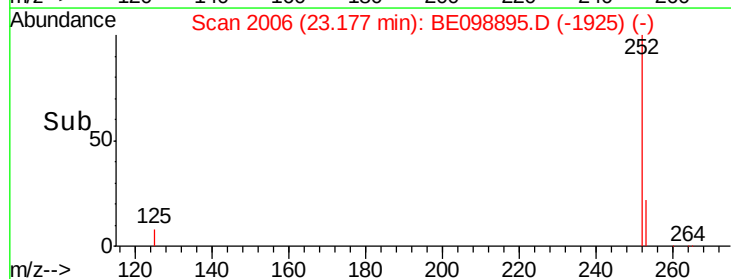
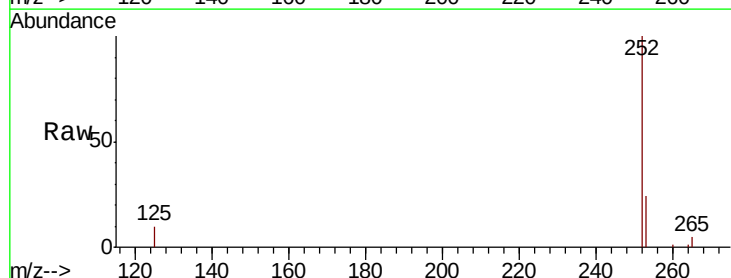
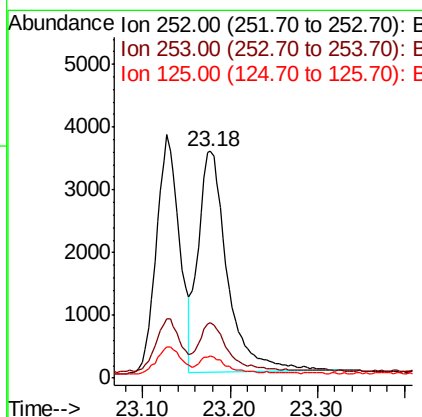
Manual Integrations
APPROVED

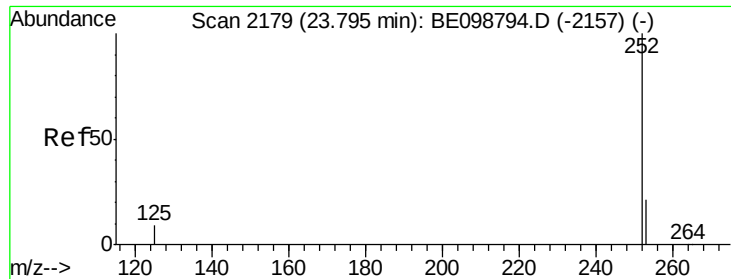
Sohil
3/13/2019 5:51:36 PM



#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	9.7	7.5	11.3





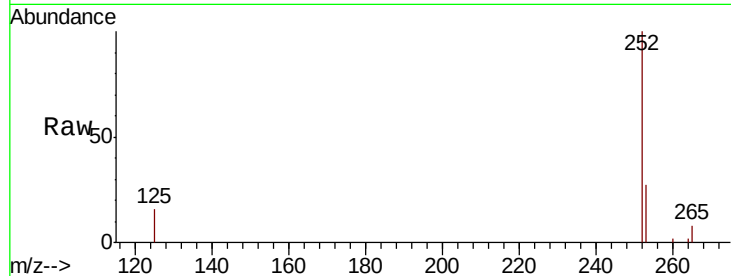
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308MSD

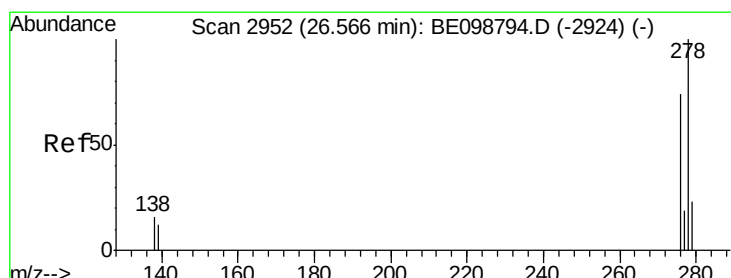
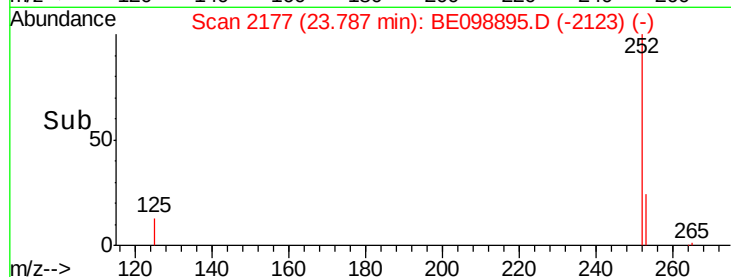
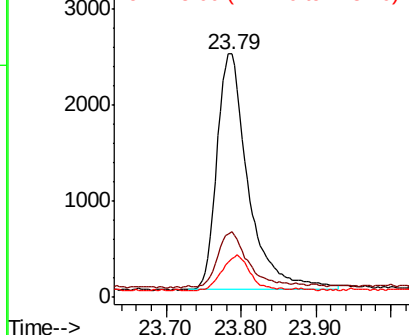
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.9	29.9
125	16.0	9.0	13.4

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM



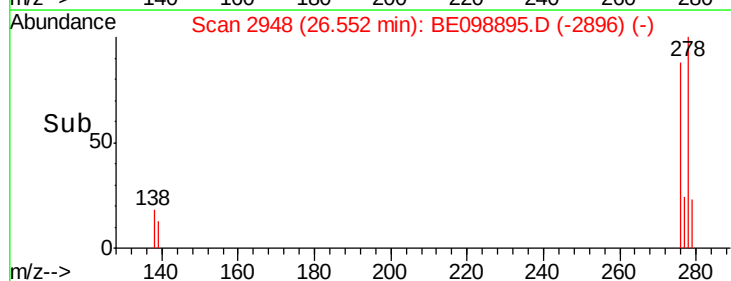
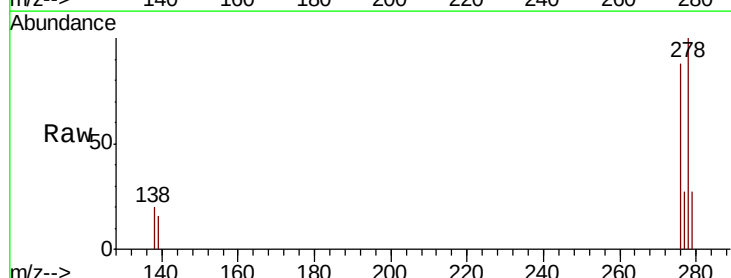
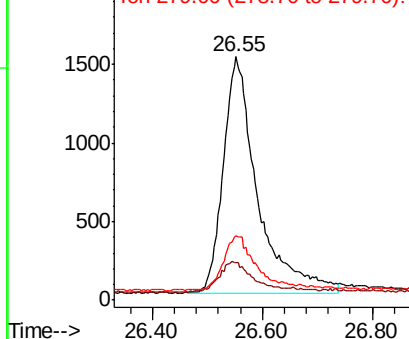
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

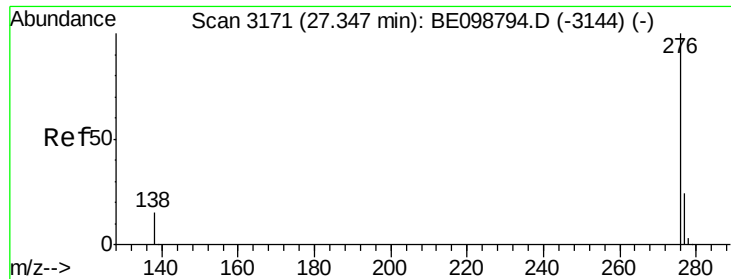


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098895.D
Acq: 12 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.8	17.6
279	26.5	21.1	31.7

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: 0.370 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098895.D

Acq: 12 Mar 2019 13:20

Instrument :

BNA_E

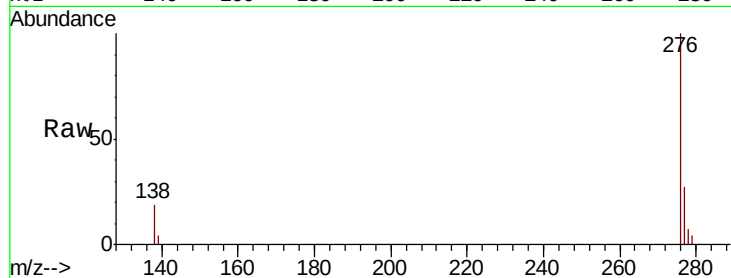
ClientSampleId :

RE122D2-20190308MSD

Tot Ion:	276	Resp:	6744
Ion Ratio	Lower	Upper	
276	100		
277	26.7	20.4	30.6
138	18.5	13.6	20.4

Manual Integrations
APPROVED

Sohil
3/13/2019 5:51:36 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

