

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097847.D
 Acq On : 18 Aug 2017 22:00
 Operator : SJ/JU
 Sample : I4811-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM

Quant Time: Aug 19 01:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112095	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	447208	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	202305	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	401979	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	333649	20.00	ng	-0.01
86) Perylene-d12	15.36	264	277971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	840384	114.04	ng	0.00
7) Phenol-d6	6.41	99	1154403	115.29	ng	0.00
23) Nitrobenzene-d5	7.34	82	728799	88.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	225200	128.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1047371	76.06	ng	-0.01
78) Terphenyl-d14	12.88	244	987611	61.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	124597	30.316	ng	90
3) Pyridine	3.19	79	223840	19.701	ng	88
4) n-Nitrosodimethylamine	3.13	42	156165	35.721	ng	81
6) Aniline	6.43	93	402401	28.608	ng	98
8) 2-Chlorophenol	6.56	128	299671	38.558	ng	96
9) Benzaldehyde	6.32	77	125716	19.822	ng	85
10) Phenol	6.42	94	444117	37.924	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	328173	37.129	ng	97
12) 1,3-Dichlorobenzene	6.71	146	293129	35.064	ng	# 90
13) 1,4-Dichlorobenzene	6.79	146	295459	34.750	ng	# 95
14) 1,2-Dichlorobenzene	6.95	146	280894	35.830	ng	99
15) Benzyl Alcohol	6.92	79	317617	42.368	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	434868	36.567	ng	91
17) 2-Methylphenol	7.03	107	273250	39.897	ng	96
18) Hexachloroethane	7.29	117	119470	35.840	ng	# 82
19) n-Nitroso-di-n-propylamine	7.19	70	248991	36.325	ng	89
20) 3+4-Methylphenols	7.18	107	325176	38.872	ng	94
22) Acetophenone	7.19	105	440028	37.246	ng	# 87
24) Nitrobenzene	7.36	77	393181	42.896	ng	93
25) Isophorone	7.60	82	694338	40.563	ng	97
26) 2-Nitrophenol	7.67	139	145320	44.225	ng	# 82
27) 2,4-Dimethylphenol	7.71	122	264811	37.094	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	426863	37.931	ng	98
29) 2,4-Dichlorophenol	7.91	162	237441	40.067	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	240288	36.577	ng	99
31) Naphthalene	8.08	128	855827	36.862	ng	100
32) Benzoic acid	7.77	122	21496	9.986	ng	90
33) 4-Chloroaniline	8.13	127	313511	32.019	ng	99
34) Hexachlorobutadiene	8.20	225	133410	34.782	ng	95
35) Caprolactam	8.49	113	66946m	33.230	ng	
36) 4-Chloro-3-methylphenol	8.61	107	298920	39.260	ng	# 80
37) 2-Methylnaphthalene	8.77	142	562410	39.512	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	223638	36.020	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	261672	87.730	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097847.D
 Acq On : 18 Aug 2017 22:00
 Operator : SJ/JU
 Sample : I4811-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

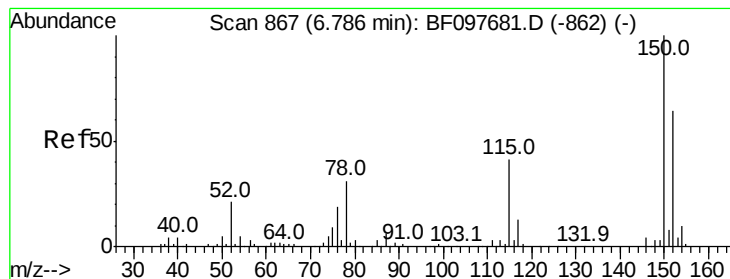
Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM

Quant Time: Aug 19 01:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	165668	39.744	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	171870	41.562	nq	94
45) 1,1'-Biphenyl	9.23	154	665542	36.076	nq	96
46) 2-Chloronaphthalene	9.26	162	490890	36.013	nq	# 92
47) 2-Nitroaniline	9.35	65	206248	45.134	nq	93
48) Acenaphthylene	9.67	152	825618	38.570	nq	99
49) Dimethylphthalate	9.54	163	718256	48.570	nq	99
50) 2,6-Dinitrotoluene	9.60	165	127463	43.181	nq	# 63
51) Acenaphthene	9.85	154	534044	39.558	nq	99
52) 3-Nitroaniline	9.76	138	141544	37.166	nq	# 80
53) 2,4-Dinitrophenol	9.87	184	81241	60.666	nq	# 78
54) Dibenzofuran	10.02	168	727982	40.235	nq	99
55) 4-Nitrophenol	9.93	139	241405	79.462	nq	# 38
56) 2,4-Dinitrotoluene	10.00	165	172971	46.693	nq	# 49
57) Fluorene	10.36	166	533937	38.169	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	143127	44.704	nq	95
59) Diethylphthalate	10.24	149	618171	39.974	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	245258	37.739	nq	90
61) 4-Nitroaniline	10.37	138	154382	42.651	nq	# 65
62) Azobenzene	10.51	77	761408	41.450	nq	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	74145	40.678	nq	87
65) n-Nitrosodiphenylamine	10.47	169	500984	36.599	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	155834	37.332	nq	98
67) Hexachlorobenzene	10.90	284	152552	35.855	nq	# 87
68) Atrazine	11.00	200	158766	43.735	nq	98
69) Pentachlorophenol	11.10	266	172950	69.717	nq	98
70) Phenanthrene	11.32	178	818429	38.208	nq	99
71) Anthracene	11.37	178	839465	38.639	nq	99
72) Carbazole	11.52	167	815444	39.541	nq	99
73) Di-n-butylphthalate	11.86	149	970340	40.849	nq	99
74) Fluoranthene	12.50	202	900276	40.267	nq	100
76) Benzidine	12.62	184	63897	5.841	nq	# 92
77) Pyrene	12.73	202	930408	34.095	nq	98
79) Butylbenzylphthalate	13.36	149	420370	40.179	nq	# 72
80) Benzo(a)anthracene	13.92	228	720623	36.037	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	243441	36.077	nq	# 96
82) Chrysene	13.96	228	741786	37.290	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	495380	42.729	nq	# 100
84) Di-n-octyl phthalate	14.53	149	964250	47.800	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	619772	42.353	nq	94
87) Benzo(b)fluoranthene	14.94	252	706086	40.299	nq	99
88) Benzo(k)fluoranthene	14.97	252	622575	37.820	nq	# 95
89) Benzo(a)pyrene	15.30	252	634278	40.891	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	509548	40.351	nq	98
91) Benzo(g,h,i)perylene	17.18	276	525394	39.874	nq	# 92

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



#1

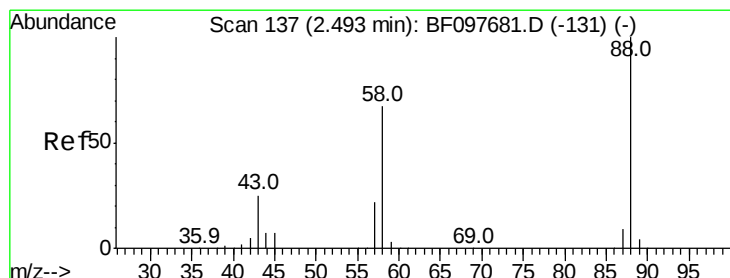
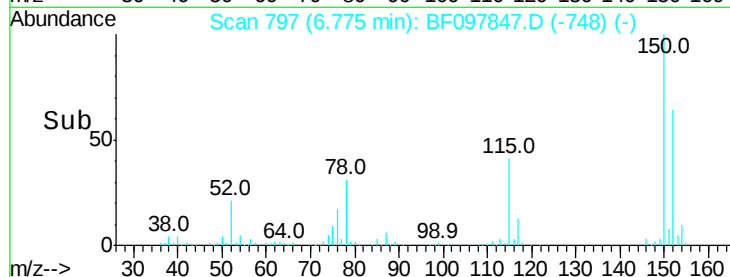
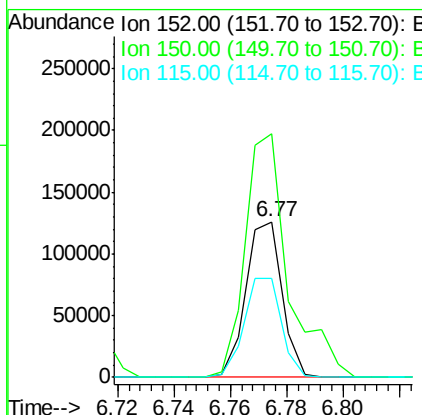
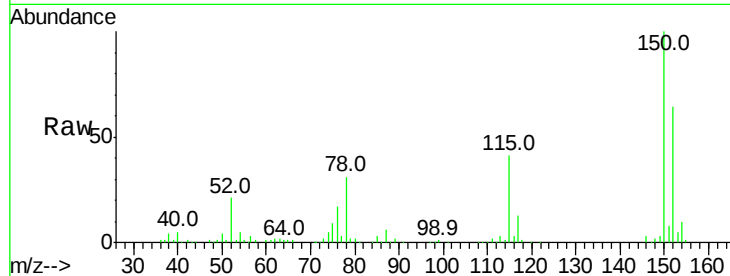
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	63.4	52.2	78.2

Manual Integrations
APPROVED

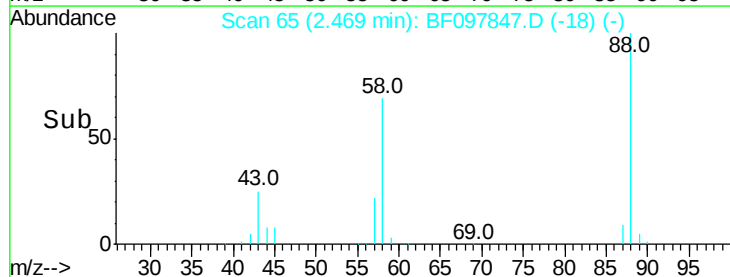
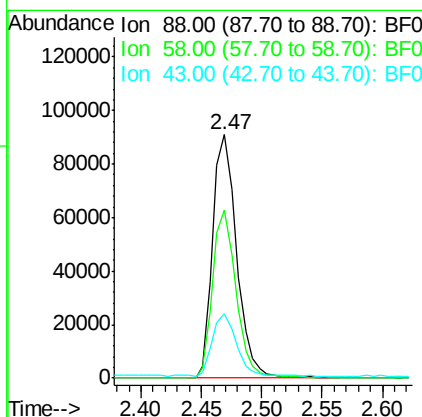
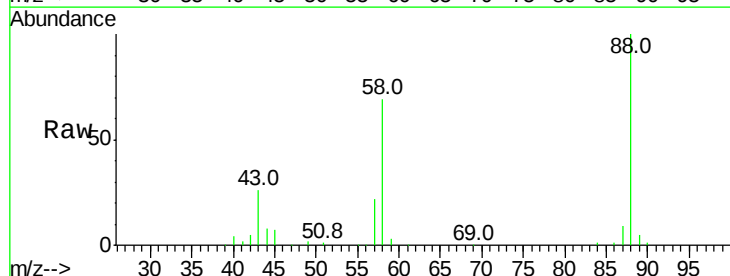
Sohil
8/21/2017 6:18:39 AM

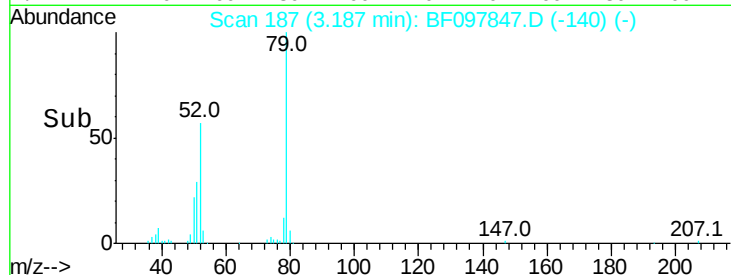
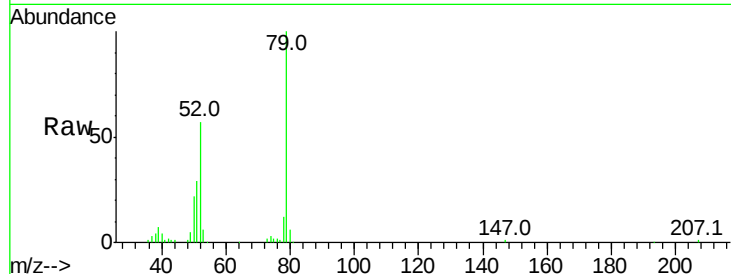
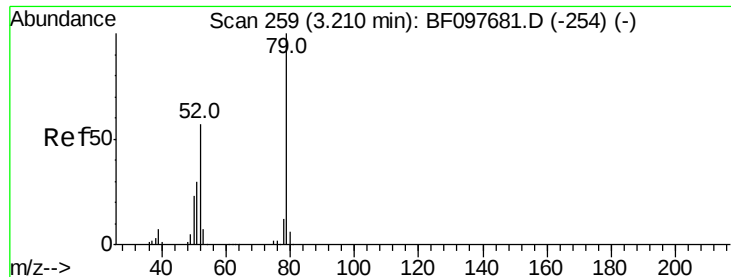


#2

1,4-Dioxane
Concen: 30.316 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	61.4	92.0
43	25.1	23.4	35.0





#3

Pvridine

Concen: 19.701 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.02 min

Lab File: BF097847.D

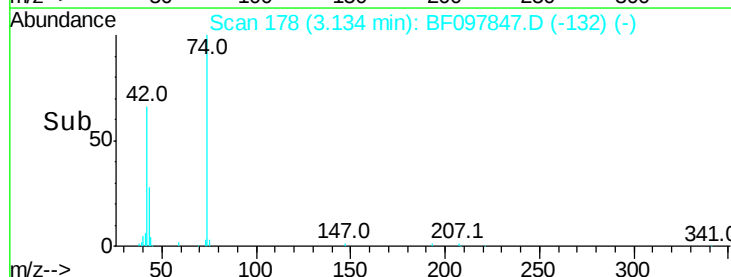
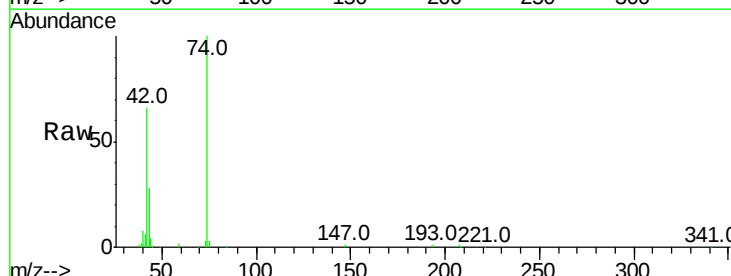
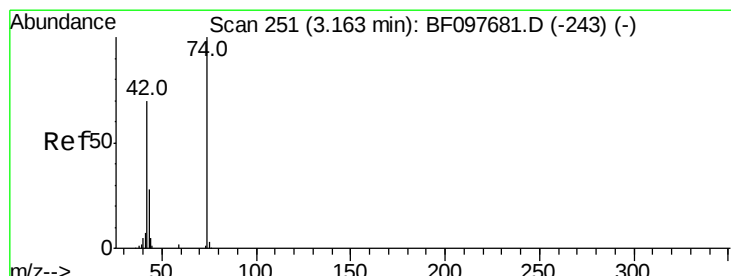
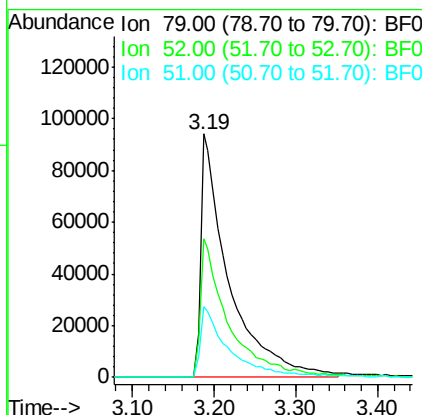
Acq: 18 Aug 2017 22:00

Tot Ion	Ratio	Resp	Lower	Upper
79	100	223840		
52	56.8		54.8	82.2
51	29.1		27.0	40.4

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#4

n-Nitrosodimethylamine

Concen: 35.721 ng

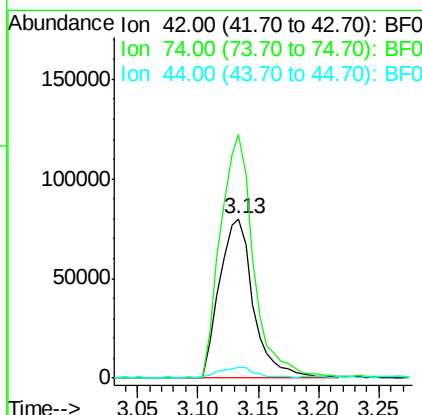
RT: 3.13 min Scan# 178

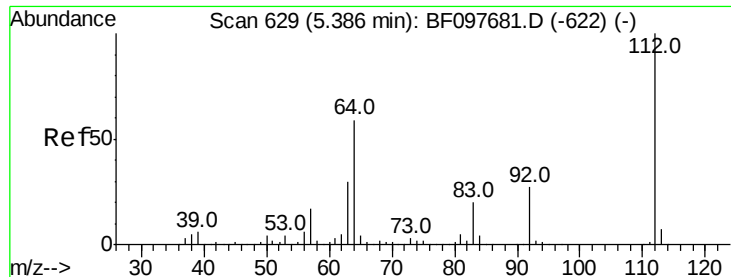
Delta R.T. -0.03 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	156165		
74	152.6		103.9	155.9
44	6.6		5.7	8.5





#5

2-Fluorophenol

Concen: 114.036 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

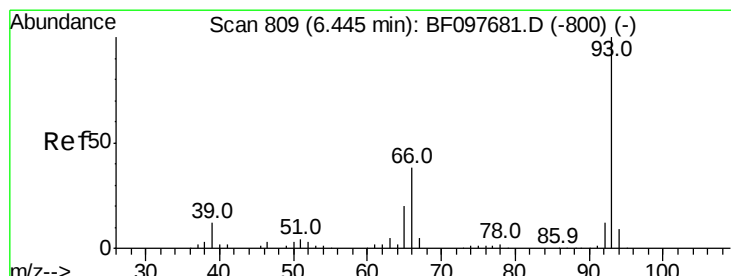
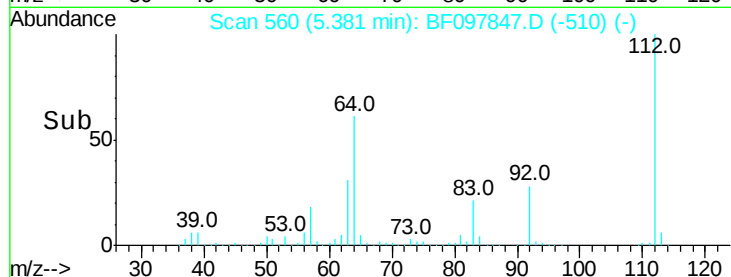
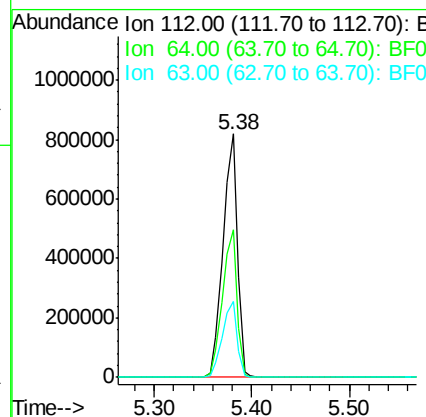
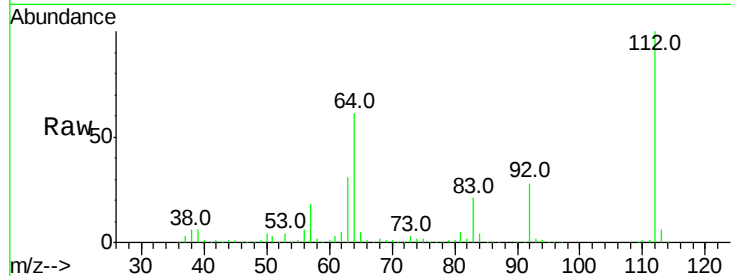
ClientSampled :

E4-24MS

Tot Ion:	112	Resp:	840384
Ion Ratio	Lower	Upper	
112	100		
64	60.6	46.0	69.0
63	31.4	23.4	35.0

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#6

Aniline

Concen: 28.608 ng

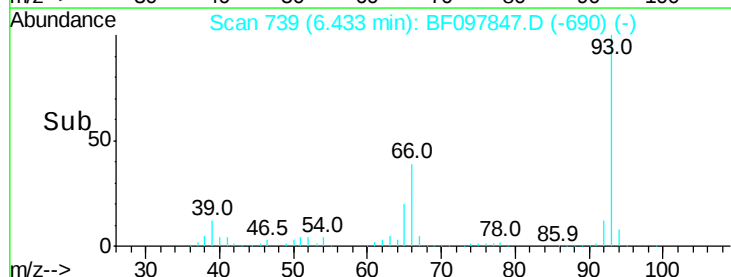
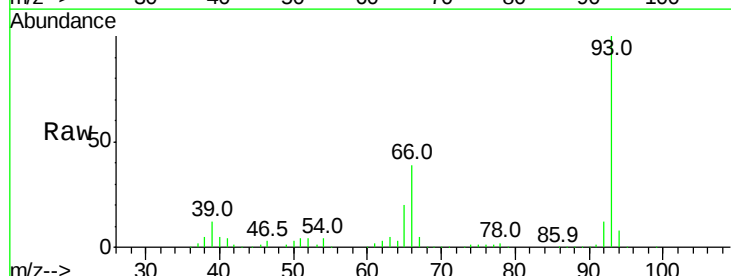
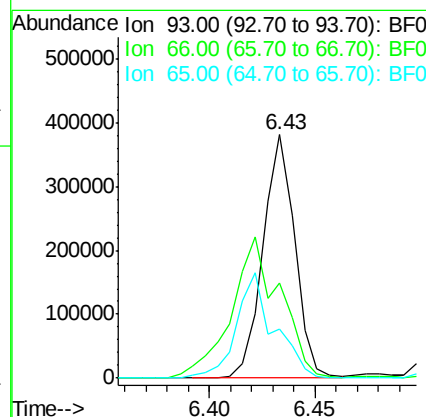
RT: 6.43 min Scan# 739

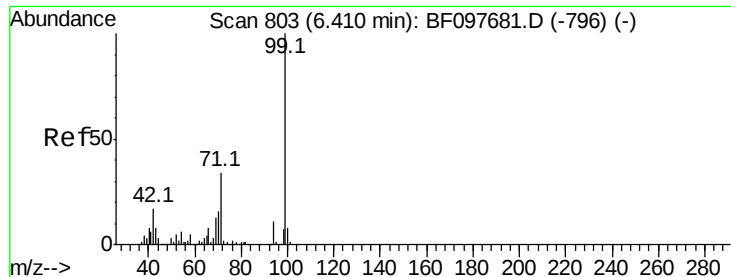
Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:	93	Resp:	402401
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.9	49.3
65	19.9	16.0	24.0





#7

Phenol-d6

Concen: 115.291 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

Tot Ion: 99 Resp: 1154403

Ion Ratio Lower Upper

99 100

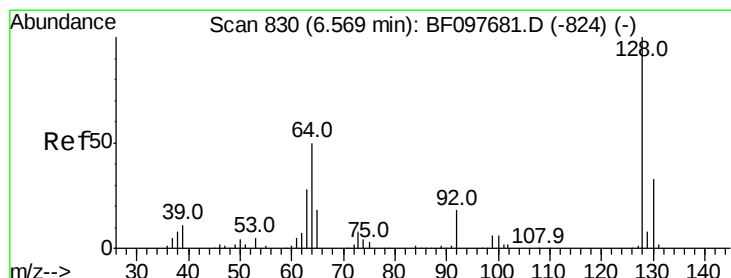
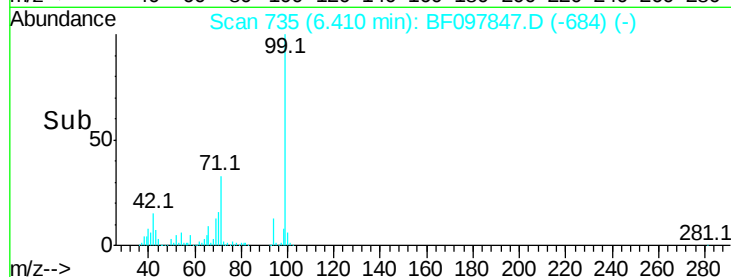
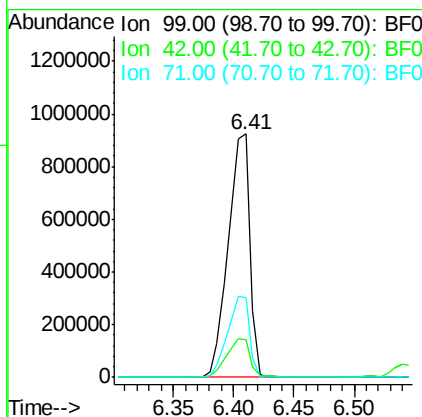
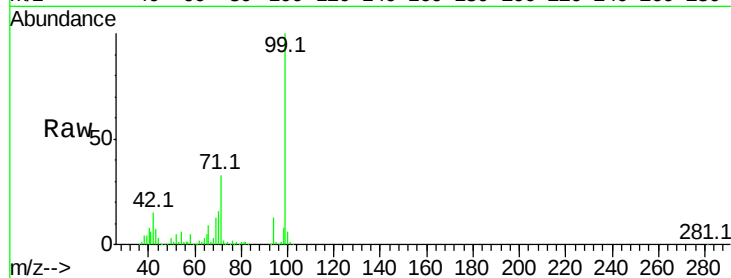
42 15.4 13.5 20.3

71 32.9 24.5 36.7

Manual Integrations
APPROVED

Sohil

8/21/2017 6:18:39 AM



#8

2-Chlorophenol

Concen: 38.558 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

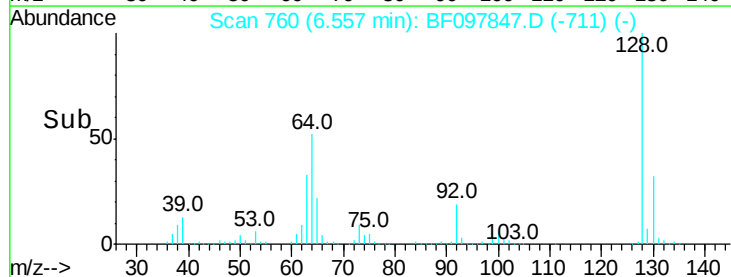
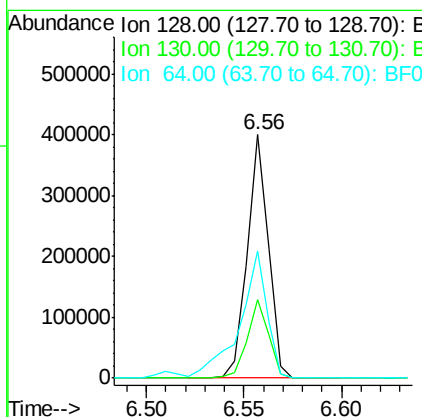
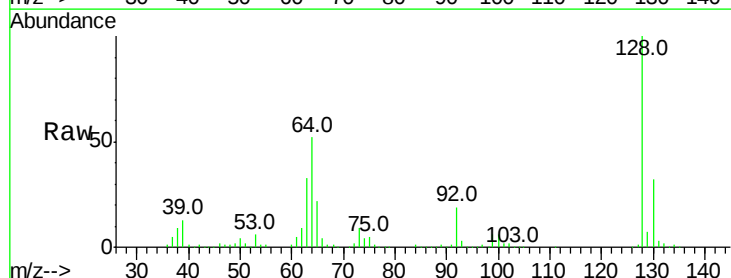
Tgt Ion: 128 Resp: 299671

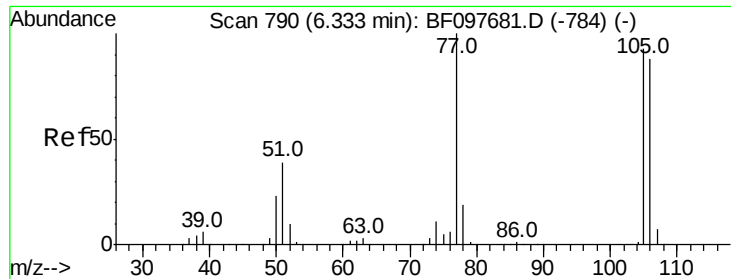
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 52.2 28.4 68.4





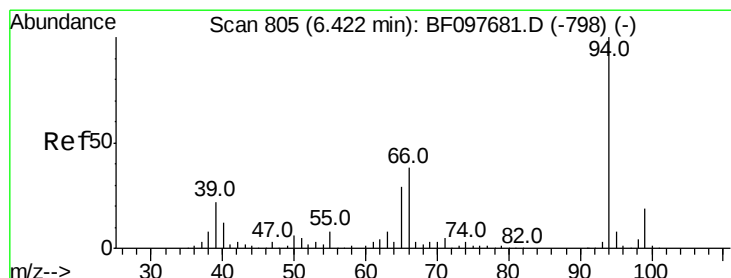
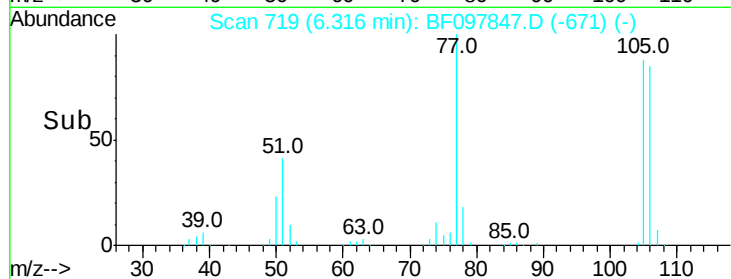
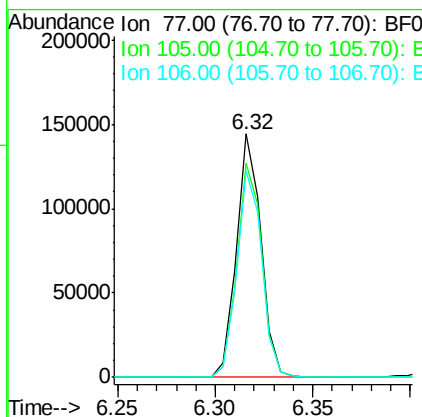
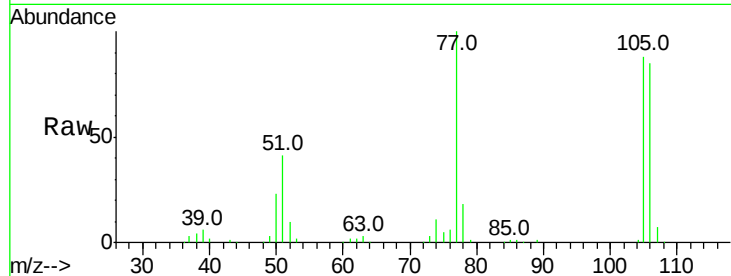
#9
Benzaldehyde
Concen: 19.822 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.8	83.8	123.8
106	85.0	79.1	119.1

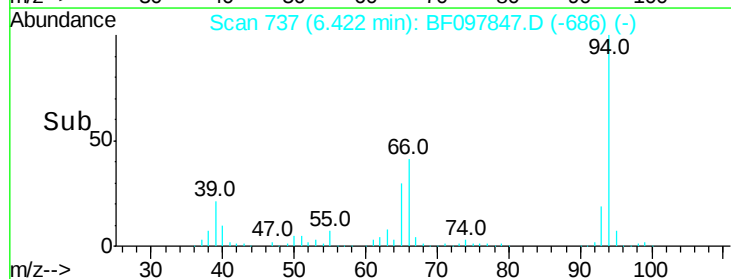
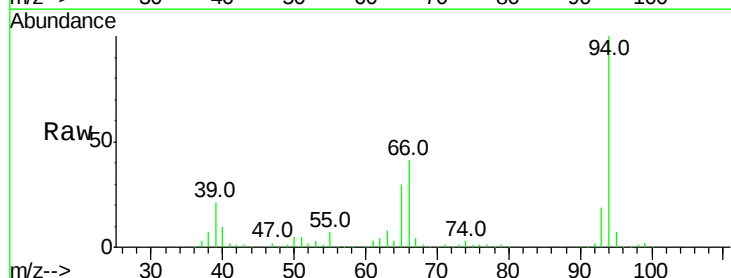
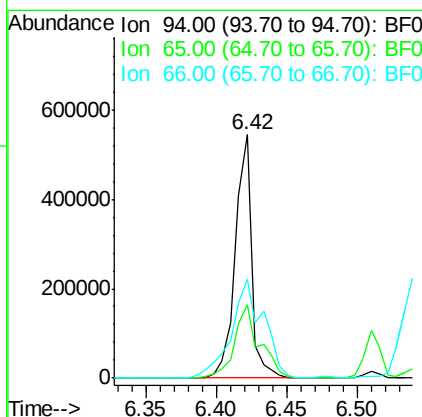
Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#10
Phenol
Concen: 37.924 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.9	49.9
66	40.6	23.1	63.1





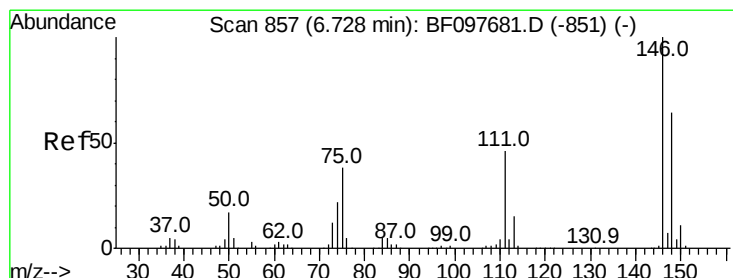
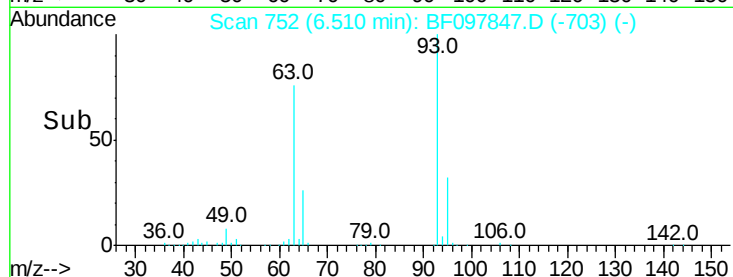
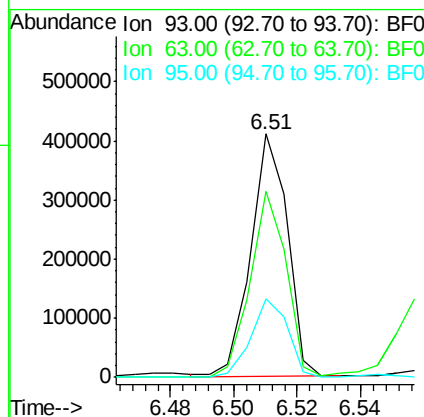
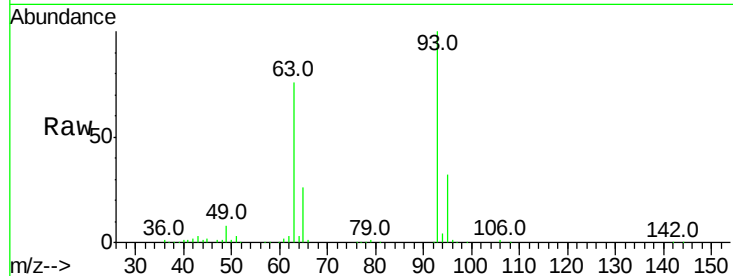
#11
bis(2-Chloroethyl)ether
Concen: 37.129 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	59.2	99.2
95	32.2	12.8	52.8

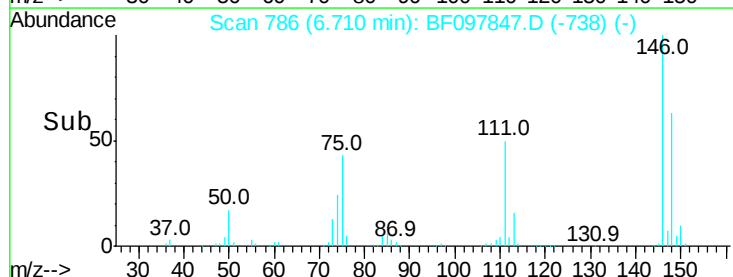
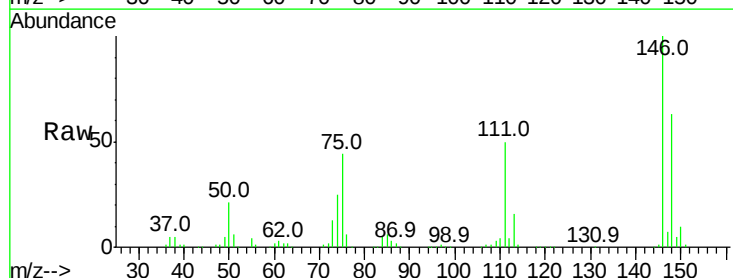
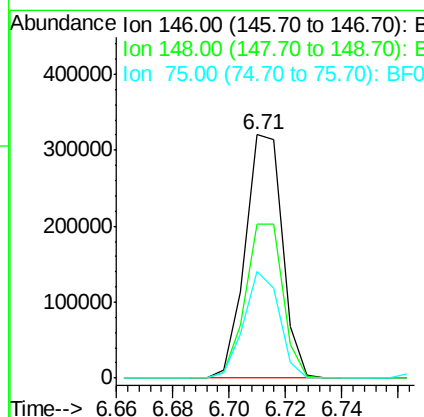
Manual Integrations
APPROVED

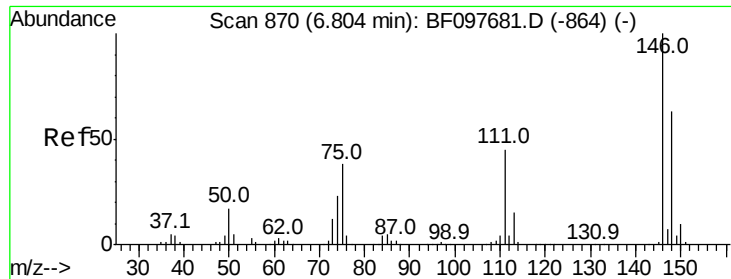
Sohil
8/21/2017 6:18:39 AM



#12
1,3-Dichlorobenzene
Concen: 35.064 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
75	44.0	23.1	34.7#





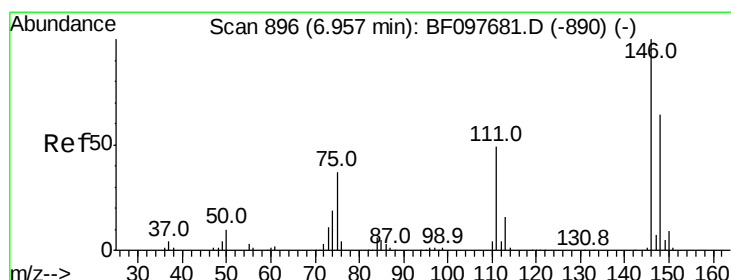
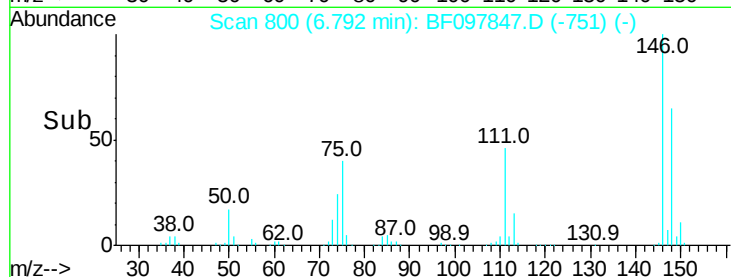
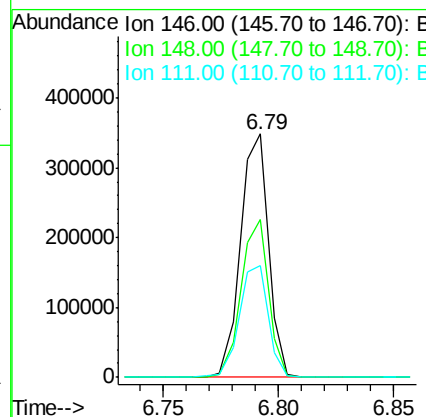
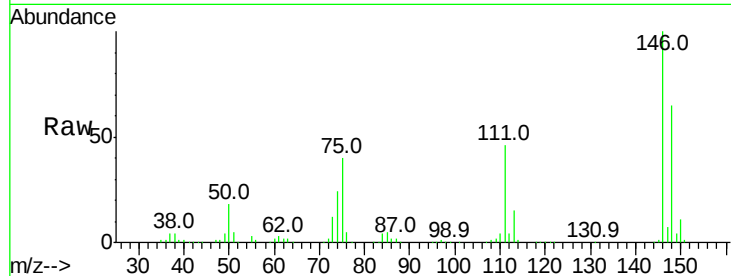
#13
 1,4-Dichlorobenzene
 Concen: 34.750 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	295459		
148	64.7	52.2	78.2	
111	45.7	30.3	45.5#	

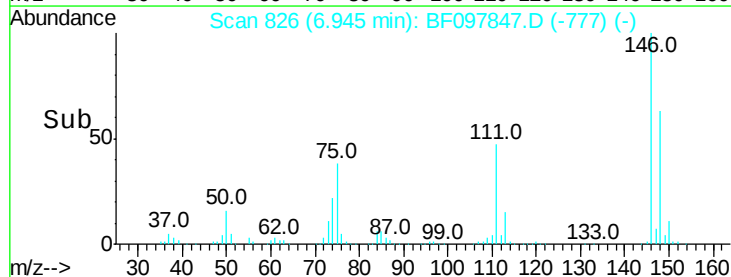
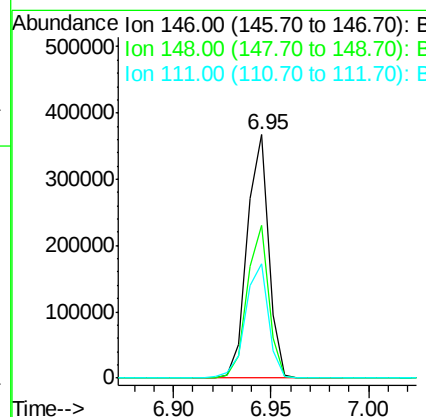
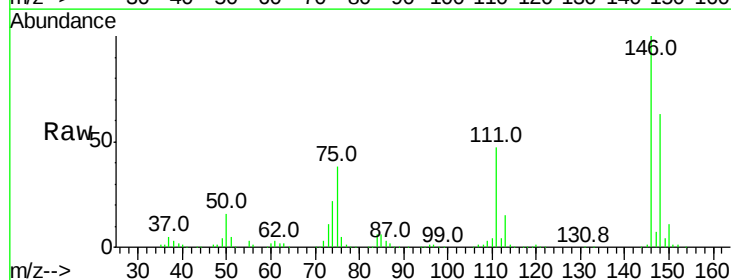
Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.830 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280894		
148	62.9	50.4	75.6	
111	47.1	38.2	57.4	





#15

Benzyl Alcohol

Concen: 42.368 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

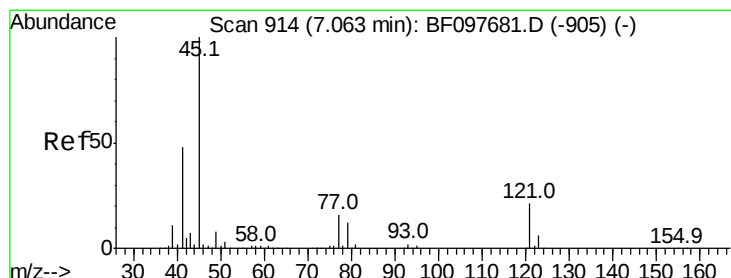
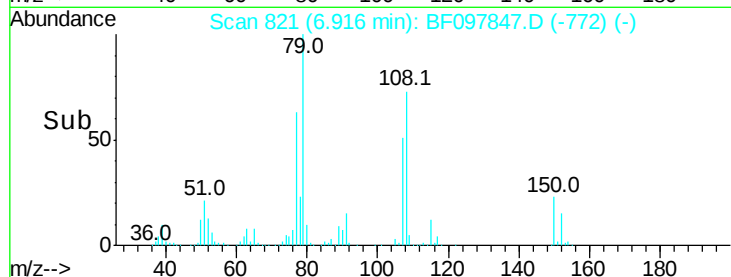
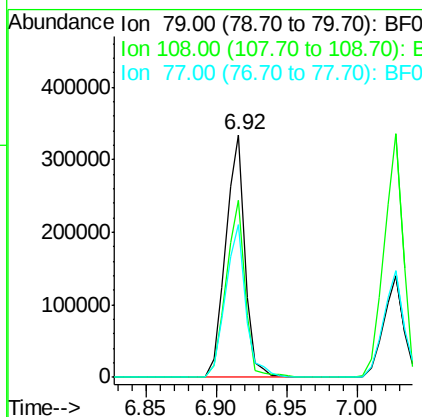
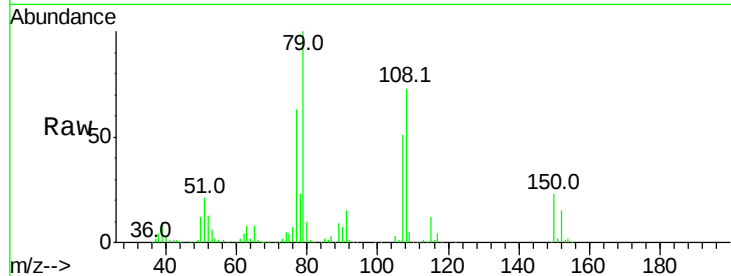
ClientSampled :

E4-24MS

Tot Ion:	79	Resp:	317617
Ion Ratio	Lower	Upper	
79	100		
108	72.8	63.4	95.0
77	63.1	49.2	73.8

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.567 ng

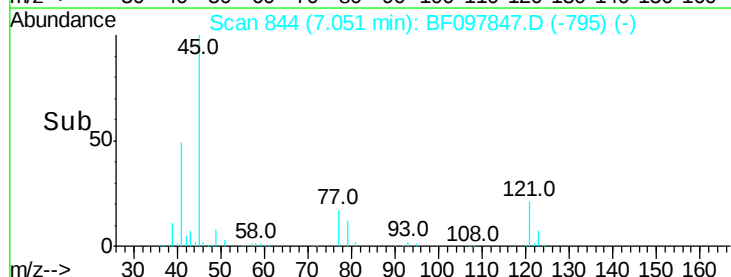
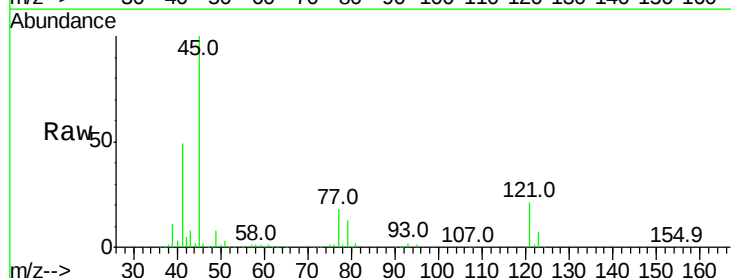
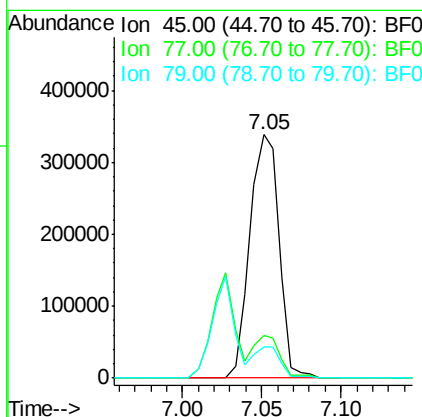
RT: 7.05 min Scan# 844

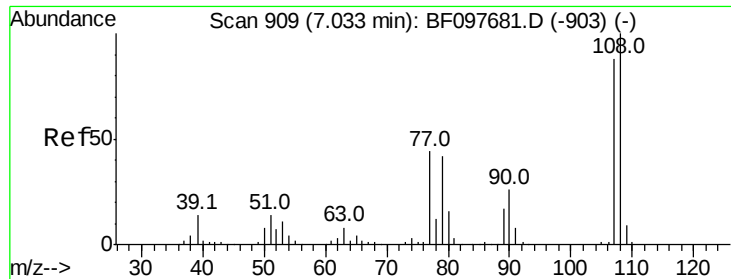
Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:	45	Resp:	434868
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	33.2
79	12.7	0.0	30.0





#17

2-Methylphenol

Concen: 39.897 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

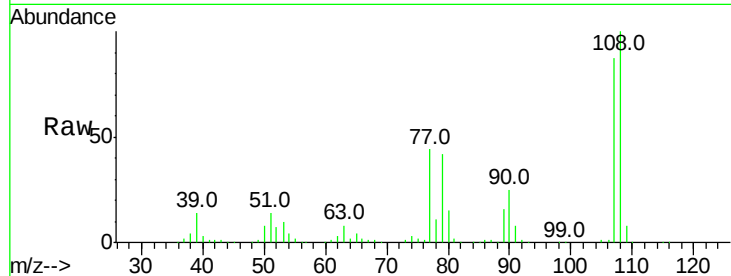
ClientSampled :

E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	273250		
108	114.6		93.4	140.0
77	50.2		35.8	53.6
79	48.1		34.8	52.2

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



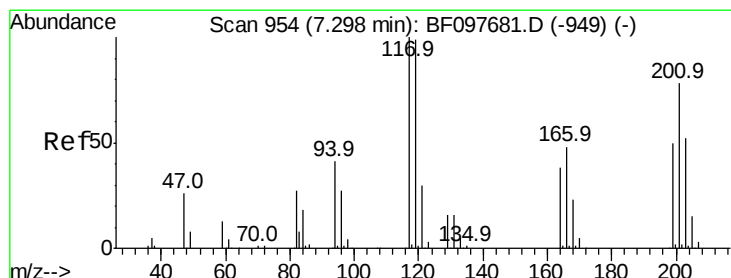
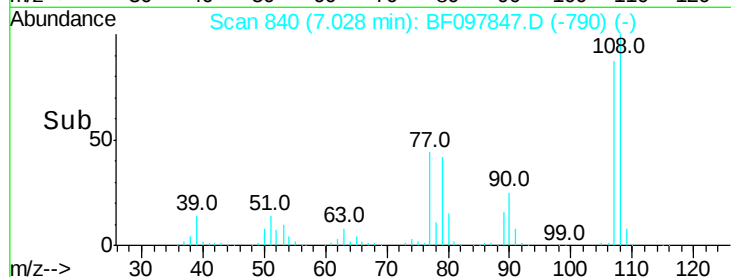
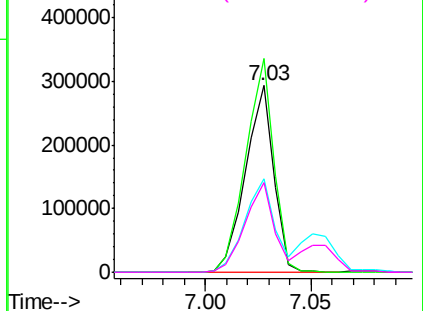
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.840 ng

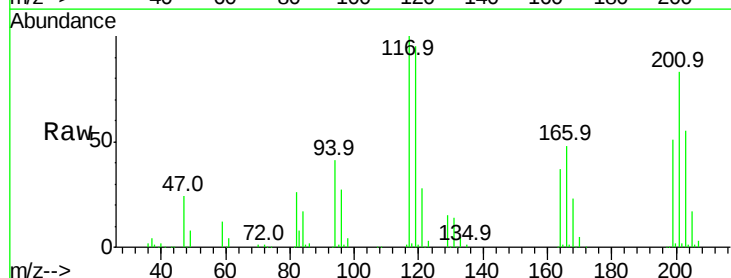
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119470		
119	95.5		77.4	116.0
201	82.5		94.6	141.8#

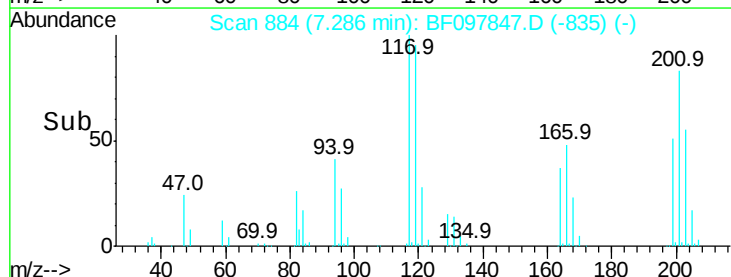
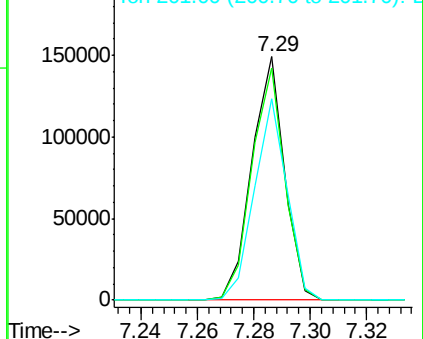


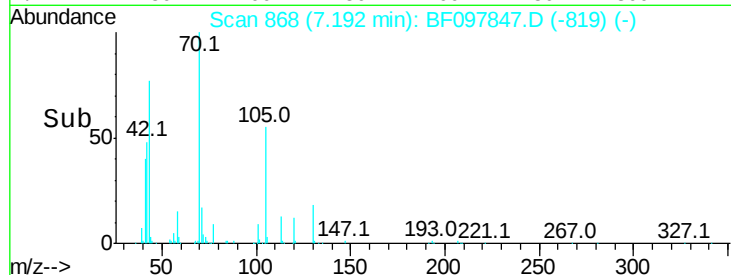
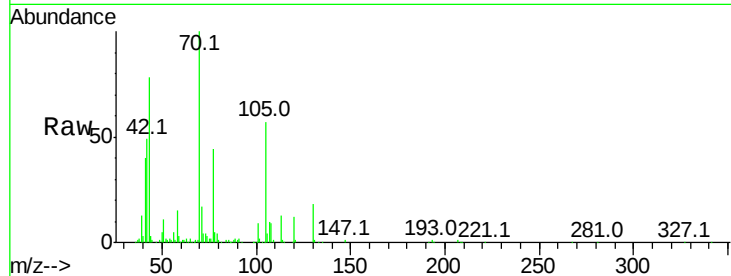
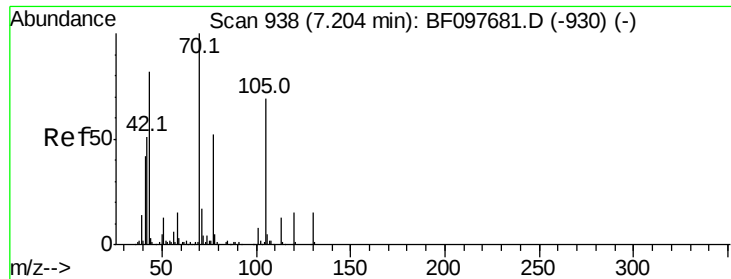
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





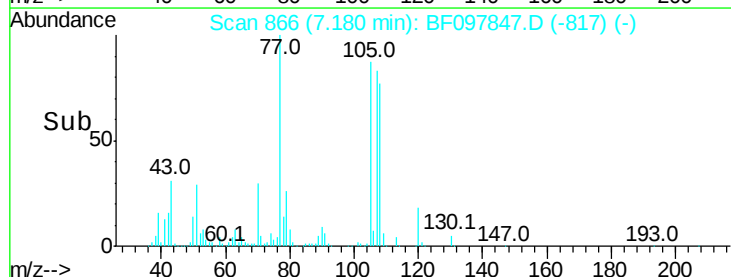
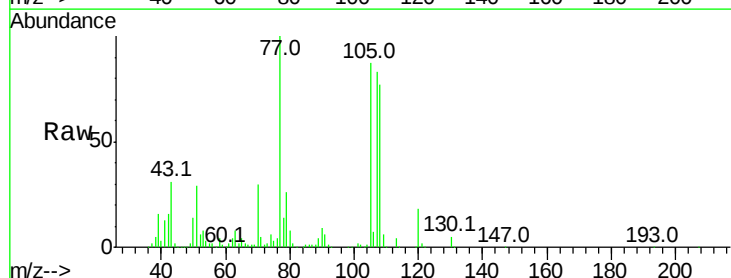
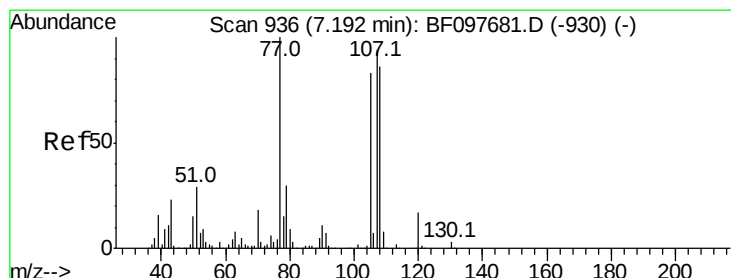
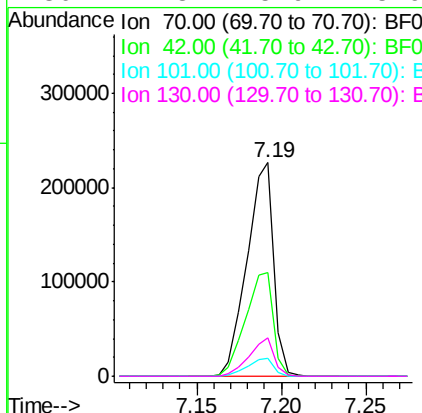
#19
n-Nitroso-di-n-propylamine
Concen: 36.325 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.6	47.2	70.8		
101	8.6	7.2	10.8		
130	17.8	15.9	23.9		

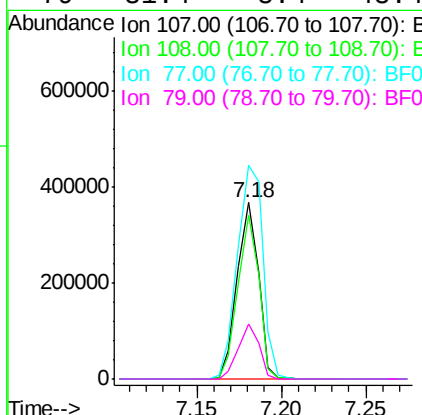
Manual Integrations
APPROVED

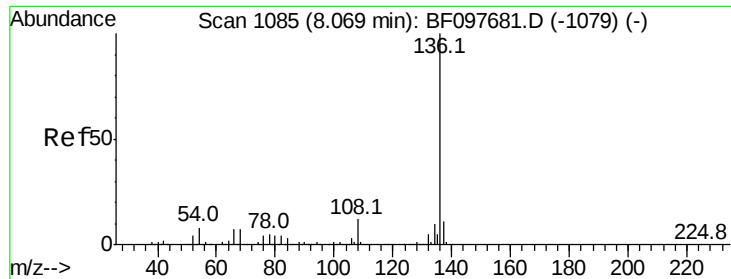
Sohil
8/21/2017 6:18:39 AM



#20
3+4-Methylphenols
Concen: 38.872 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.7	71.0	111.0		
77	120.9	90.5	130.5		
79	31.4	8.4	48.4		





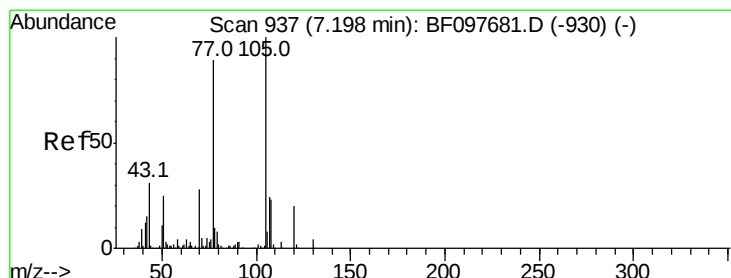
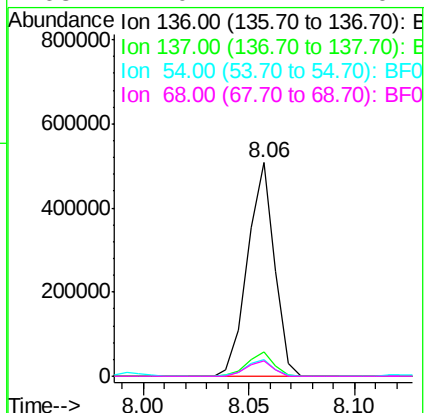
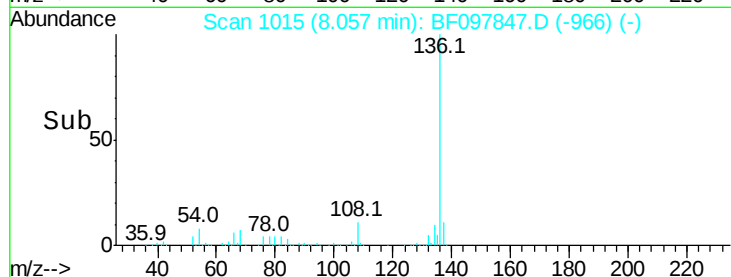
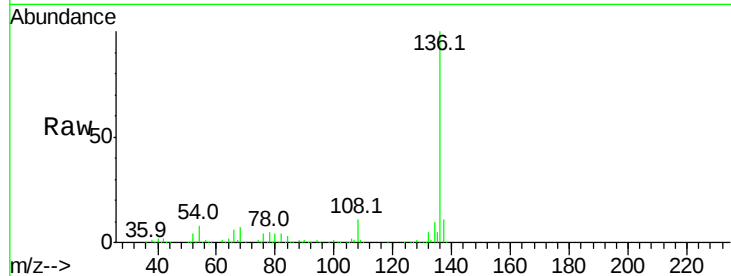
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	7.7	4.9	7.3#	
68	7.0	4.1	6.1#	

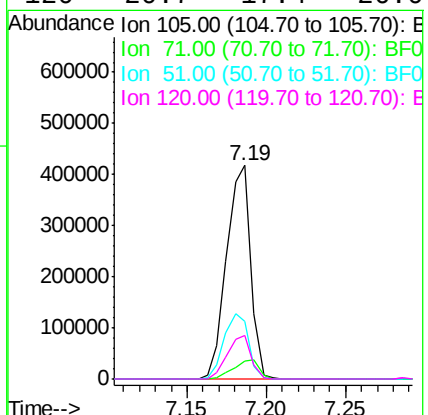
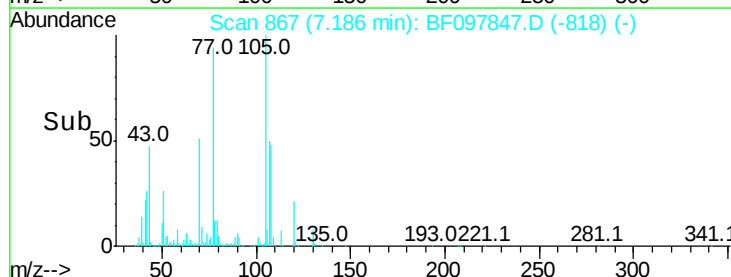
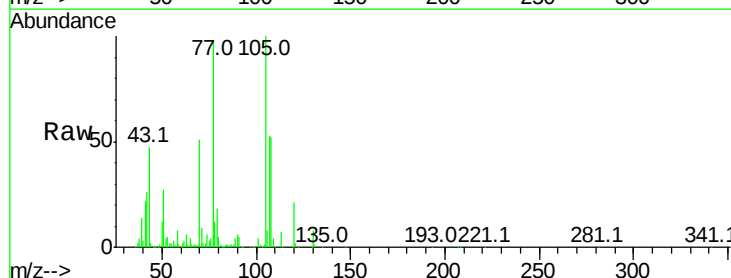
Manual Integrations
APPROVED

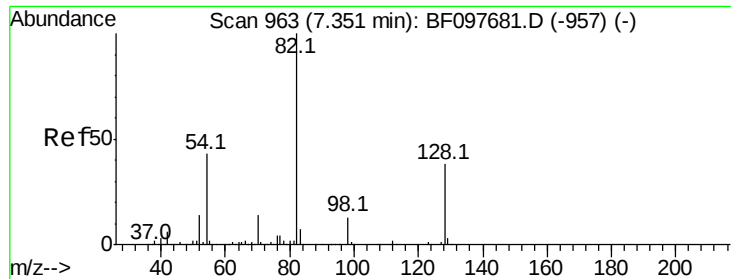
Sohil
8/21/2017 6:18:39 AM



#22
Acetophenone
Concen: 37.246 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	2.8	4.2#	
51	27.0	30.7	46.1#	
120	20.7	17.4	26.0	





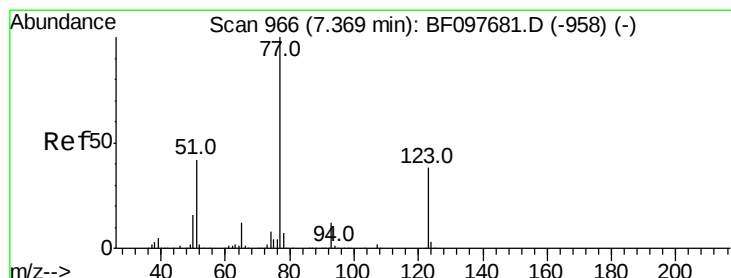
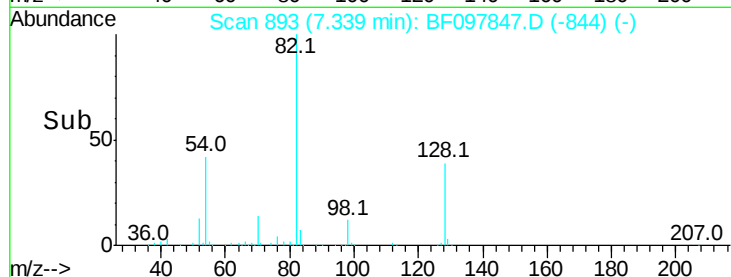
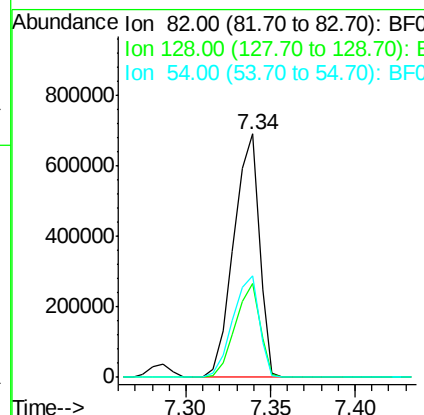
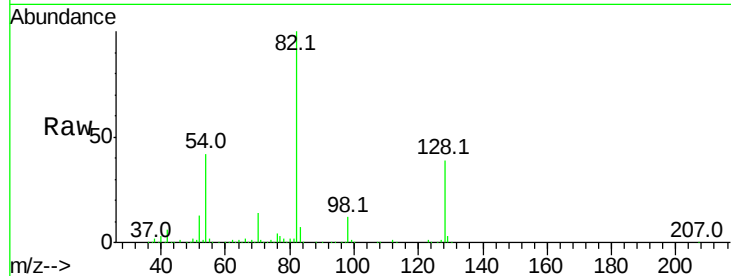
#23
 Nitrobenzene-d5
 Concen: 88.531 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	41.6	42.2	63.2

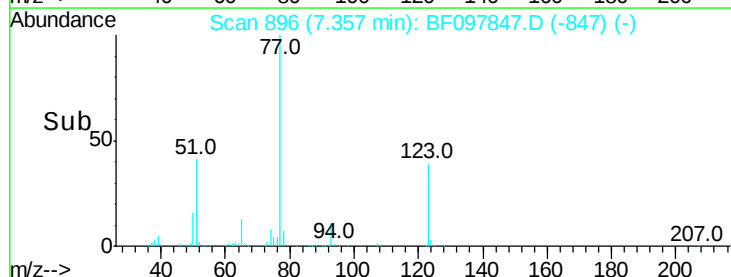
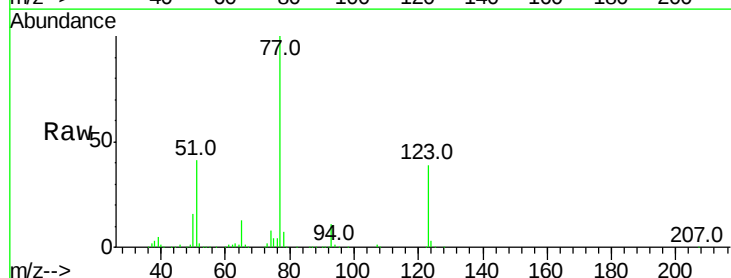
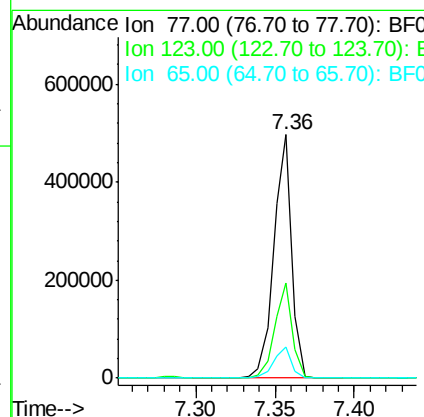
Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM



#24
 Nitrobenzene
 Concen: 42.896 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 40.563 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

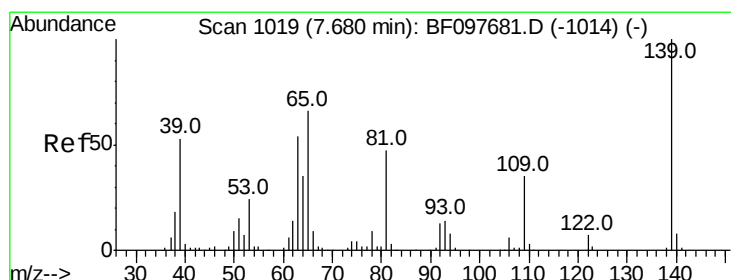
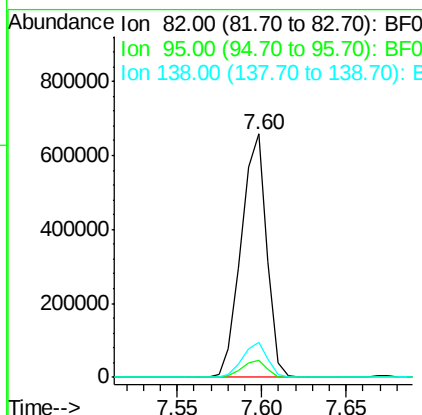
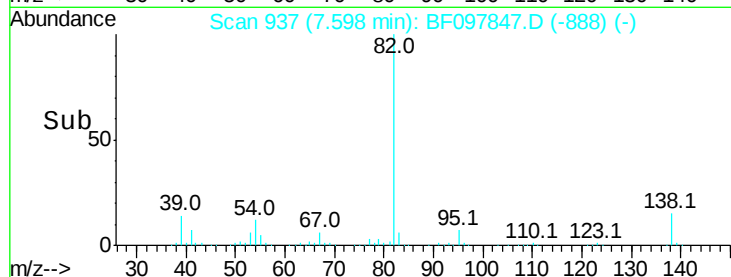
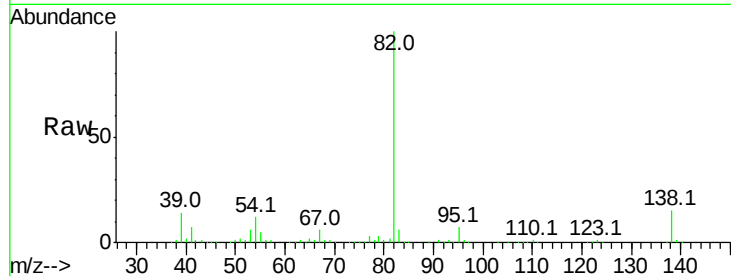
ClientSampleId :

E4-24MS

Tot Ion:	82	Resp:	694338
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	14.6	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#26

2-Nitrophenol

Concen: 44.225 ng

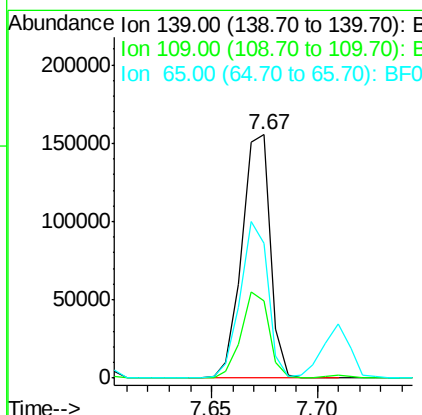
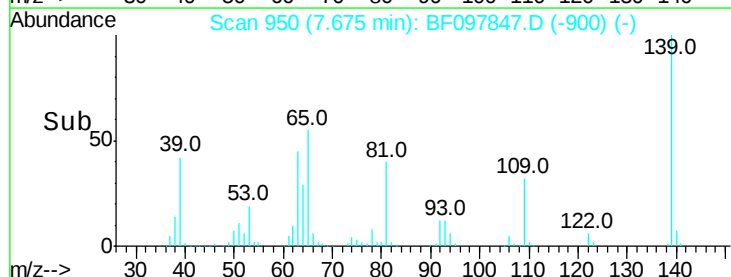
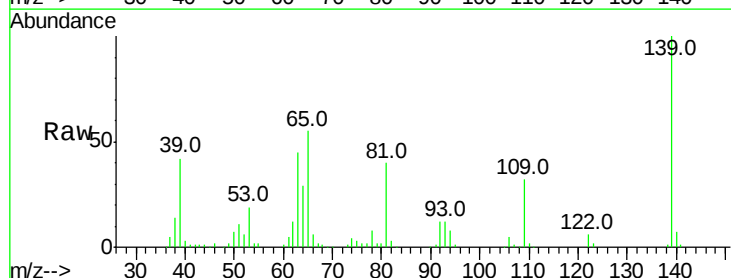
RT: 7.67 min Scan# 950

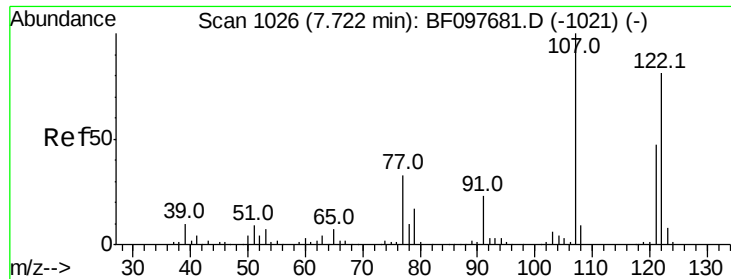
Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:	139	Resp:	145320
Ion Ratio	Lower	Upper	
139	100		
109	31.7	21.0	31.6#
65	55.4	33.0	49.6#





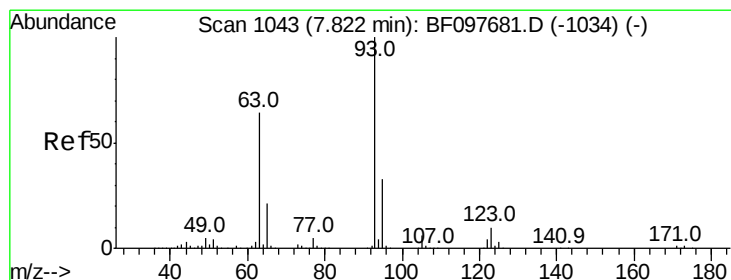
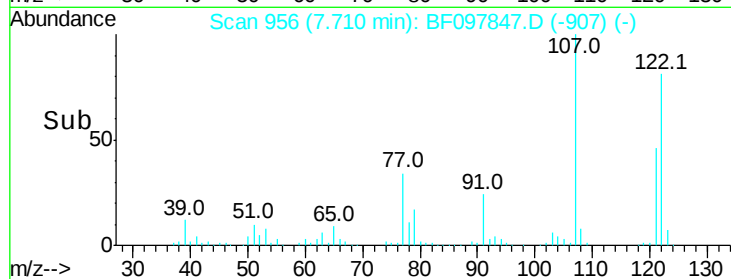
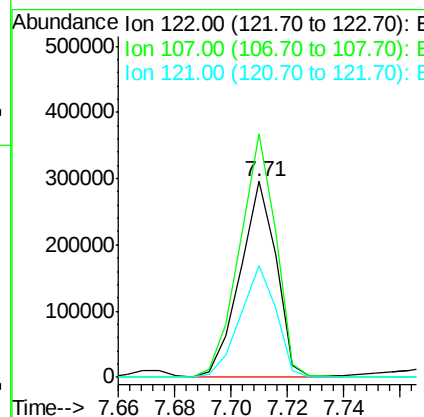
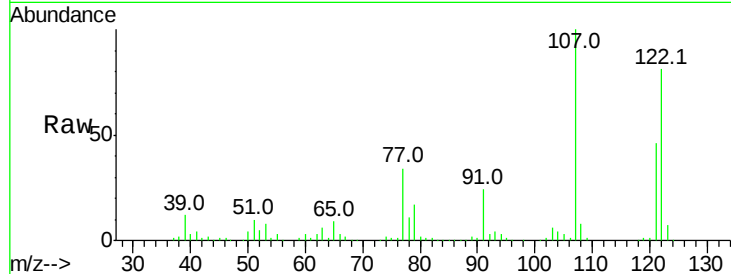
#27
 2,4-Dimethylphenol
 Concen: 37.094 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	264811		
107	124.2	89.2	133.8	
121	57.2	45.2	67.8	

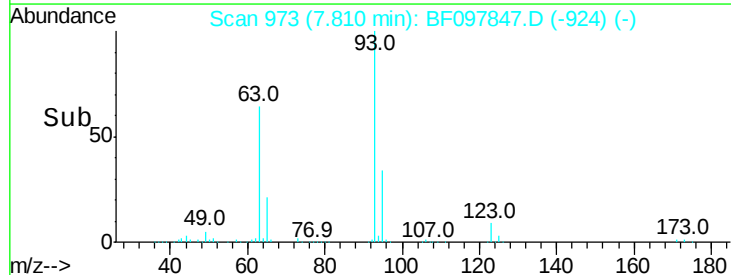
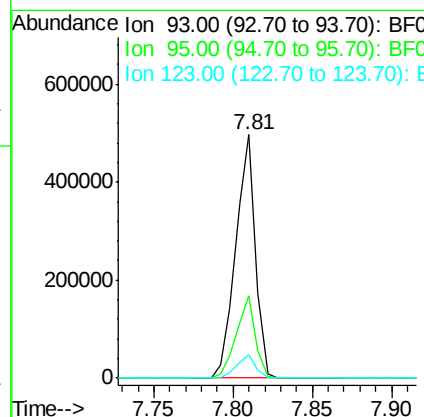
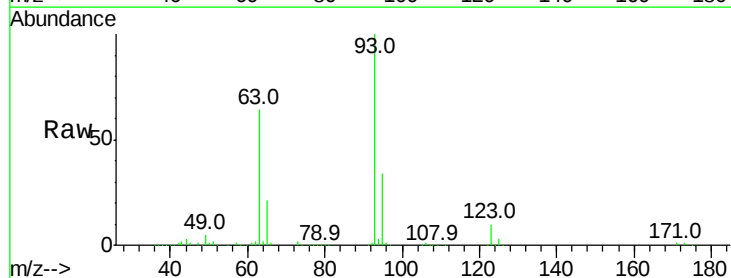
Manual Integrations
 APPROVED

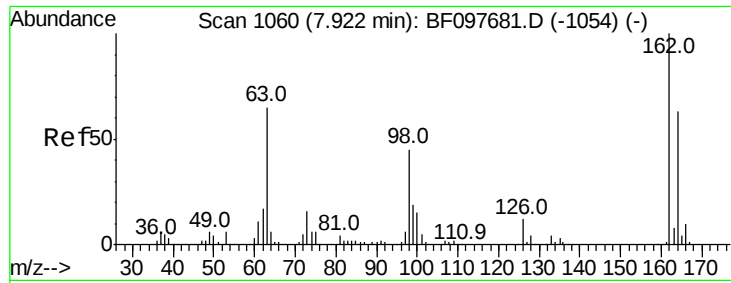
Sohil
 8/21/2017 6:18:39 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.931 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	426863		
95	33.6	26.5	39.7	
123	9.5	9.0	13.4	





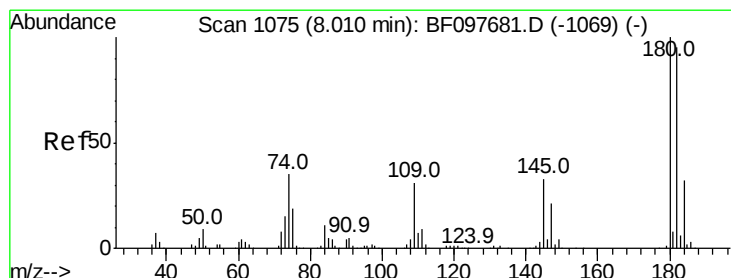
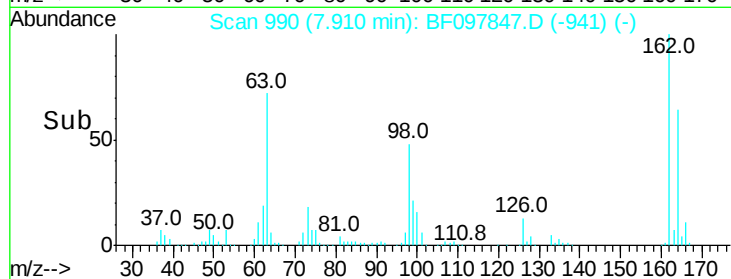
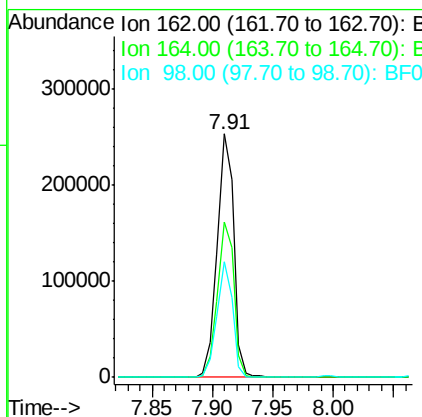
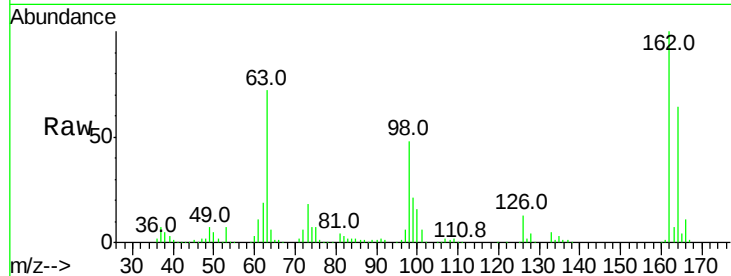
#29
 2,4-Dichlorophenol
 Concen: 40.067 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion:	162	Resp:	237441
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	47.6	14.8	54.8

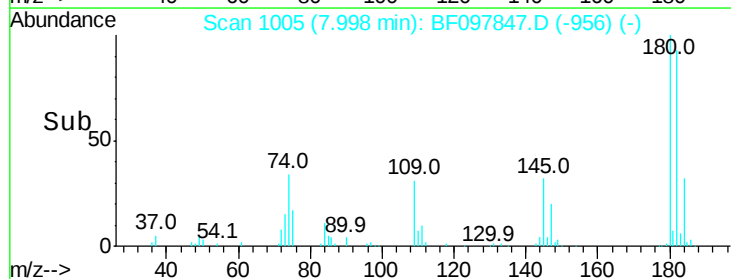
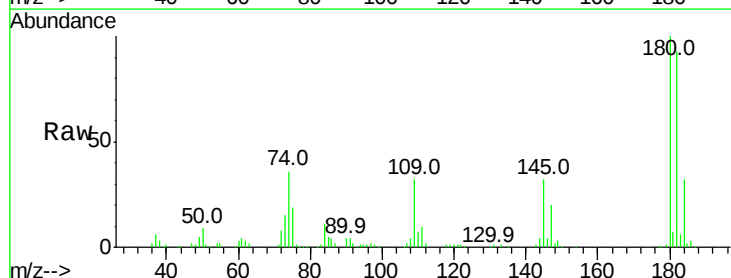
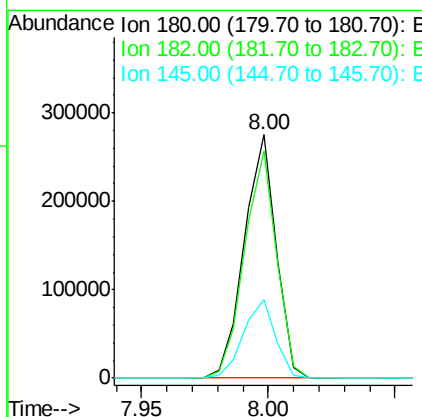
Manual Integrations
 APPROVED

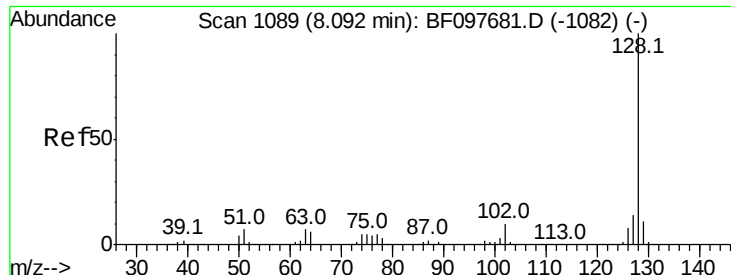
Sohil
 8/21/2017 6:18:39 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.577 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:	180	Resp:	240288
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.8	113.6
145	32.0	25.3	37.9





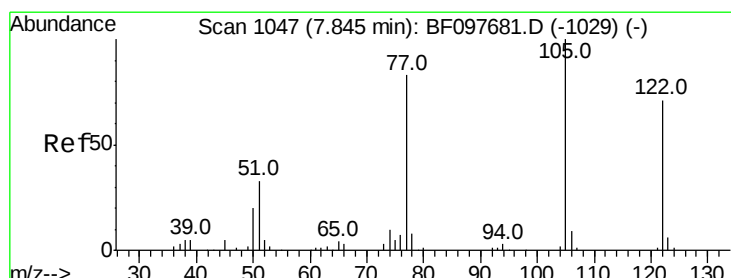
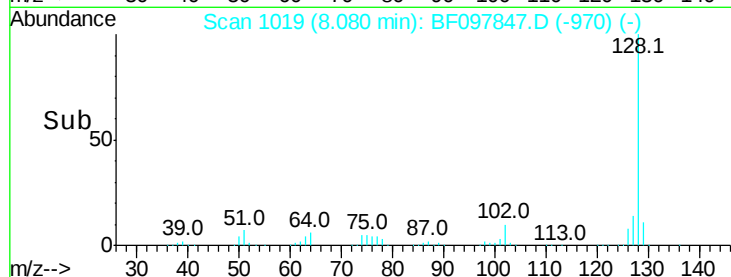
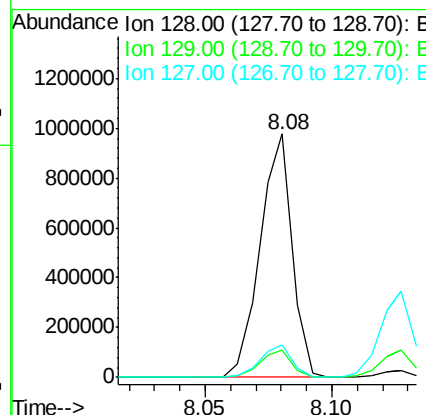
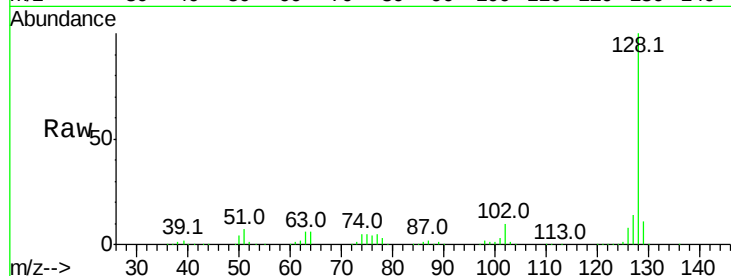
#31
Naphthalene
Concen: 36.862 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.6	
127	13.6	10.8	16.2	

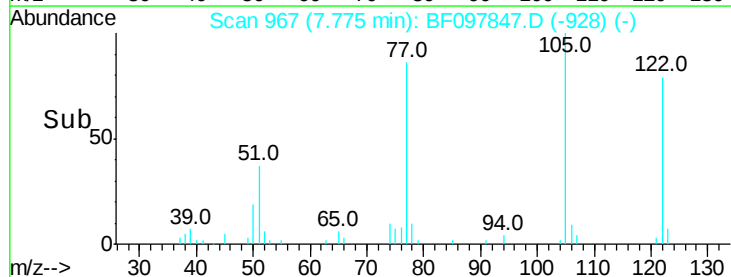
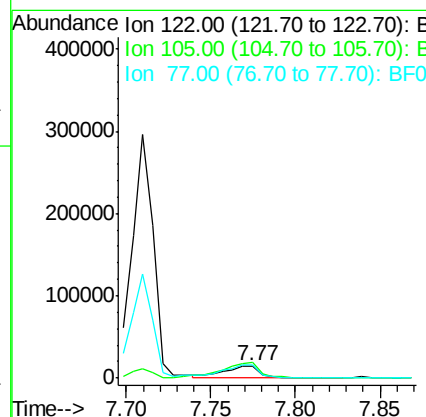
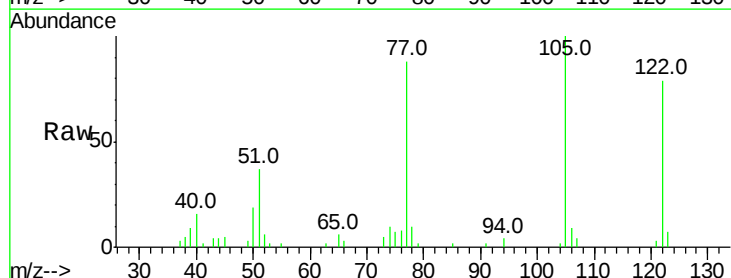
Manual Integrations
APPROVED

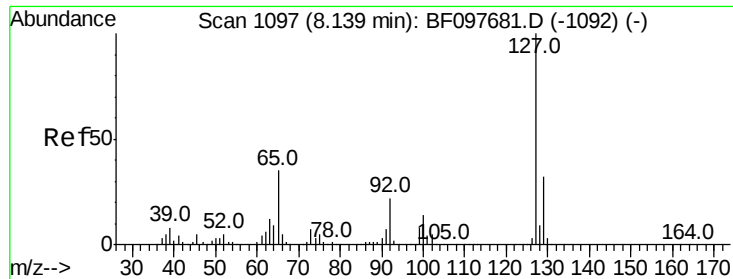
Sohil
8/21/2017 6:18:39 AM



#32
Benzoic acid
Concen: 9.986 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.07 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.5	103.3	143.3	
77	111.6	73.7	113.7	





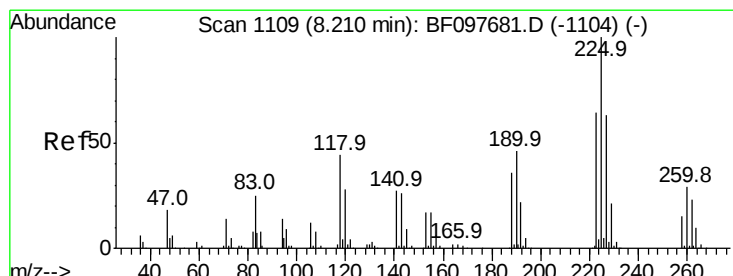
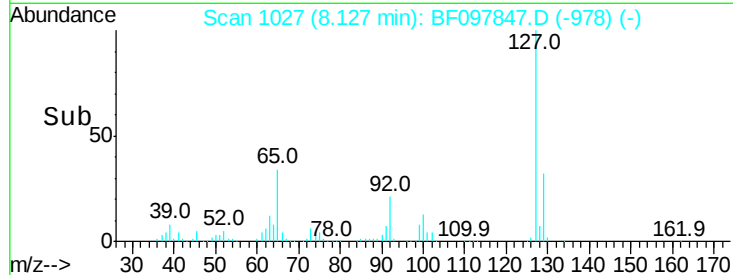
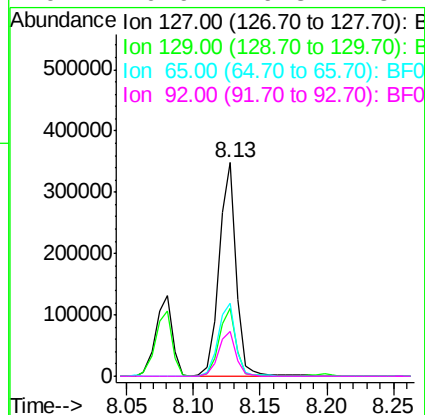
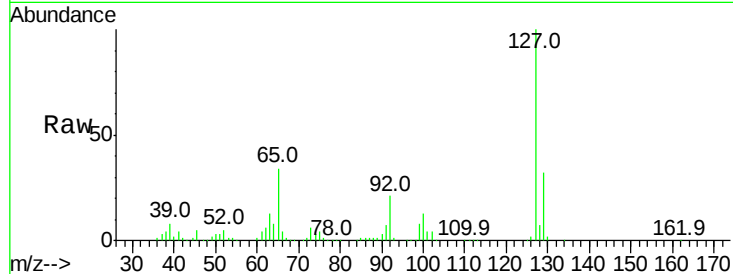
#33
4-Chloroaniline
Concen: 32.019 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	34.1	27.8	41.8		
92	20.9	16.8	25.2		

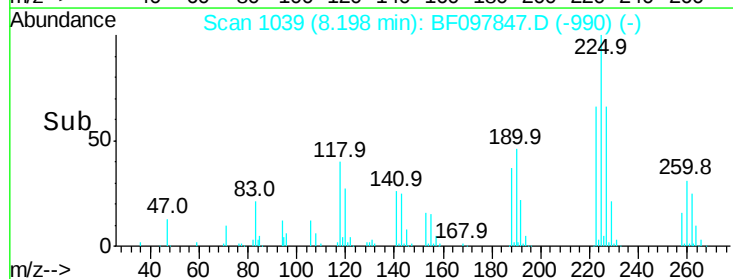
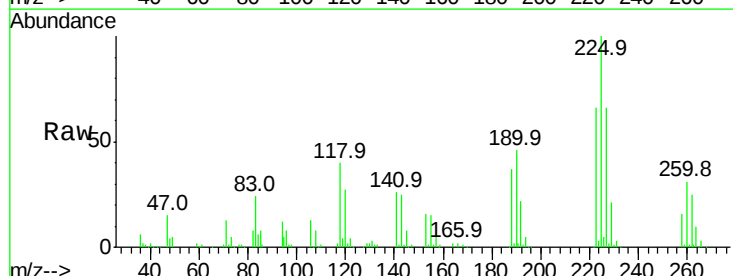
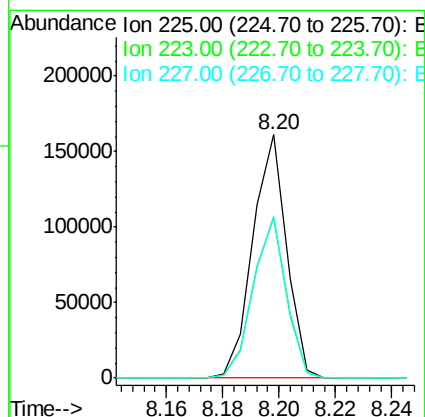
Manual Integrations
APPROVED

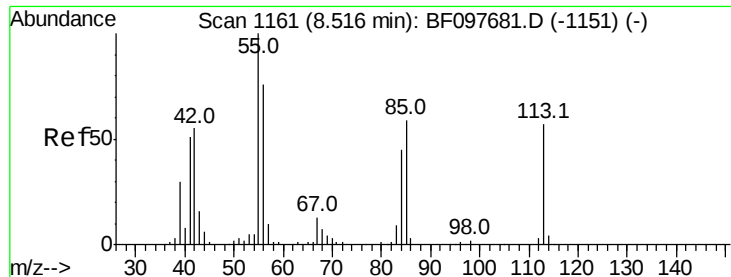
Sohil
8/21/2017 6:18:39 AM



#34
Hexachlorobutadiene
Concen: 34.782 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.7	48.8	73.2		
227	66.3	51.1	76.7		





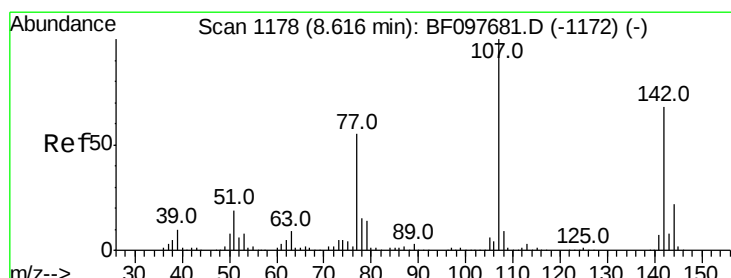
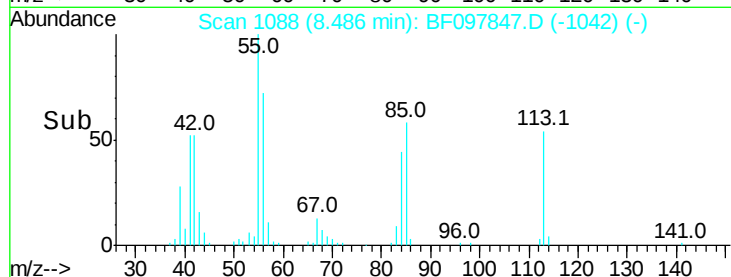
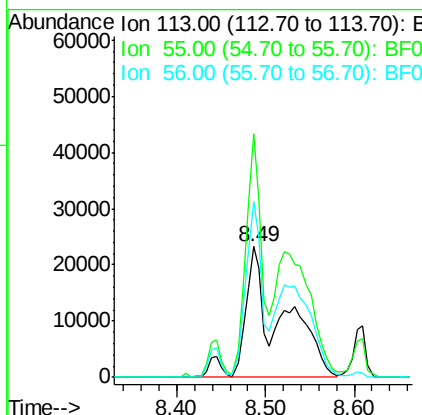
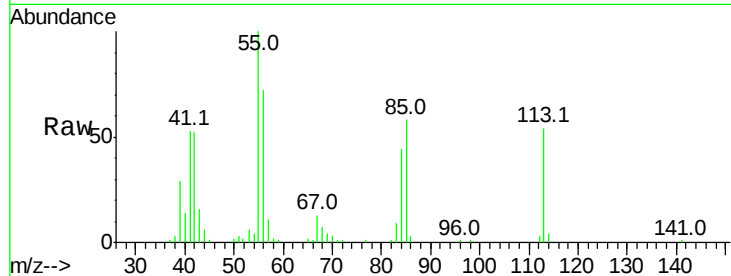
#35
 Caprolactam
 Concen: 33.230 ng/ml
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	186.5	150.2	190.2
56	135.0	107.8	147.8

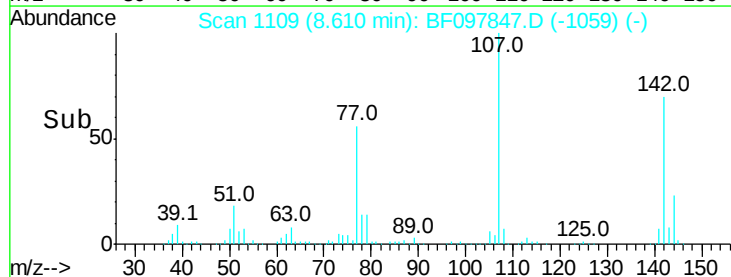
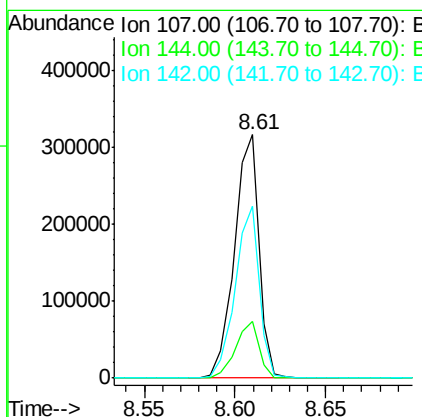
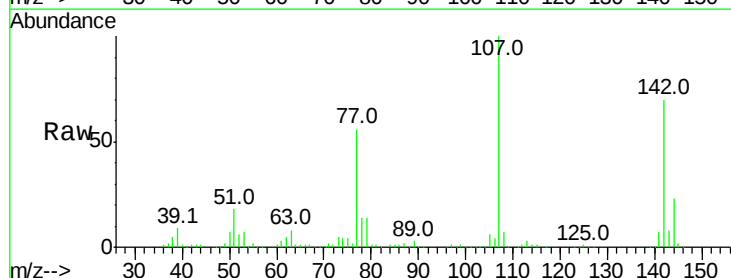
Manual Integrations
 APPROVED

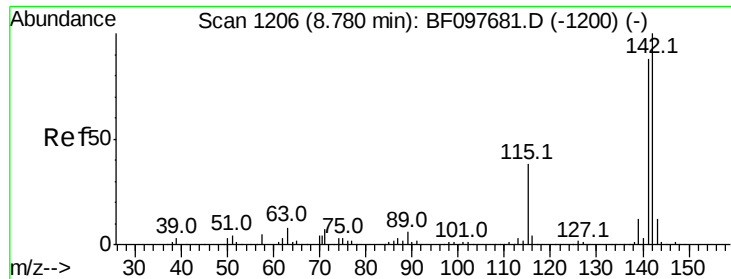
Sohil
 8/21/2017 6:18:39 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.260 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	24.2	36.4#
142	70.5	73.4	110.0#





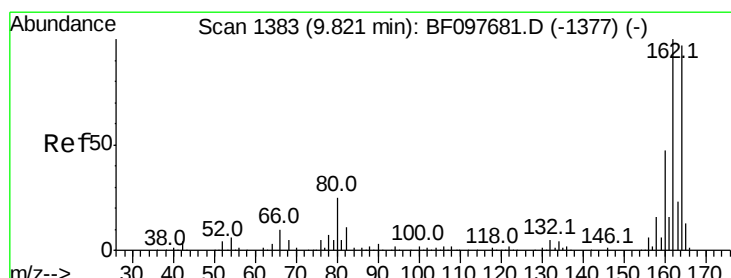
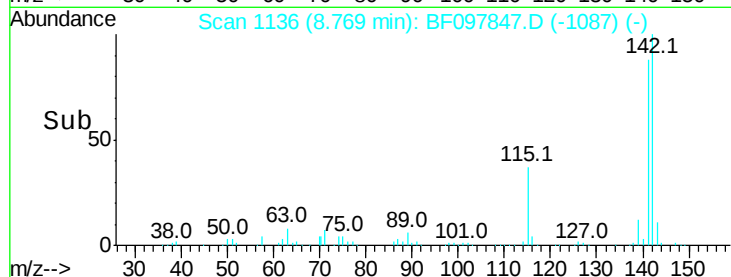
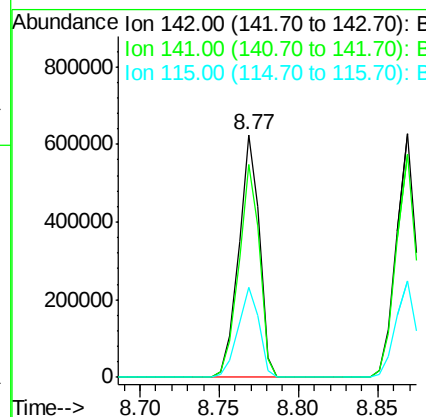
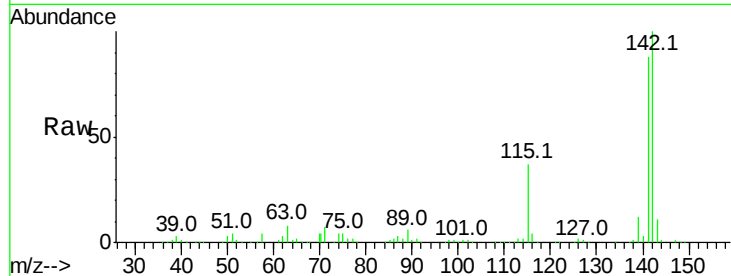
#37
2-Methylnaphthalene
Concen: 39.512 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	562410		
141	87.6	71.3	106.9	
115	37.0	27.1	40.7	

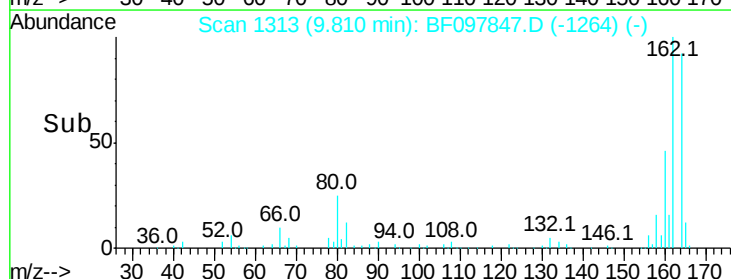
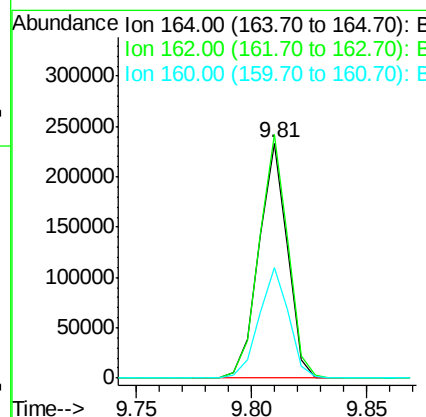
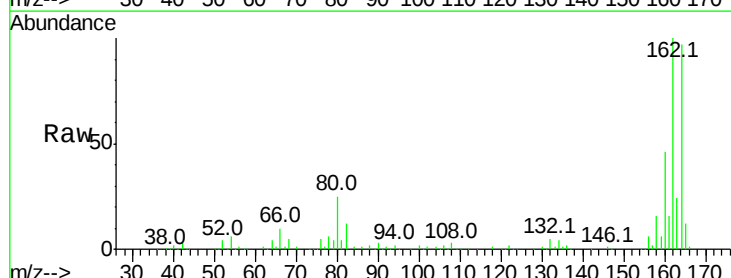
Manual Integrations
APPROVED

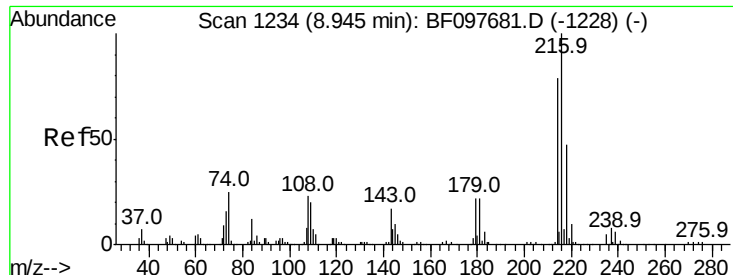
Sohil
8/21/2017 6:18:39 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202305		
162	103.5	82.6	123.8	
160	47.2	36.2	54.2	





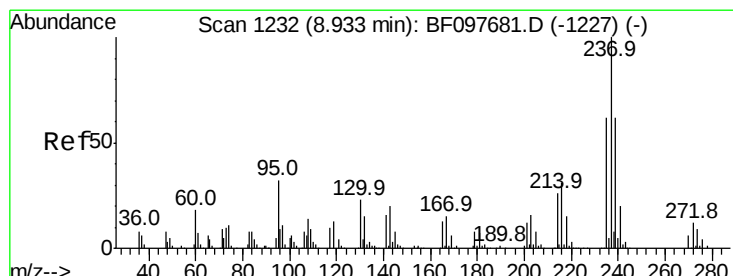
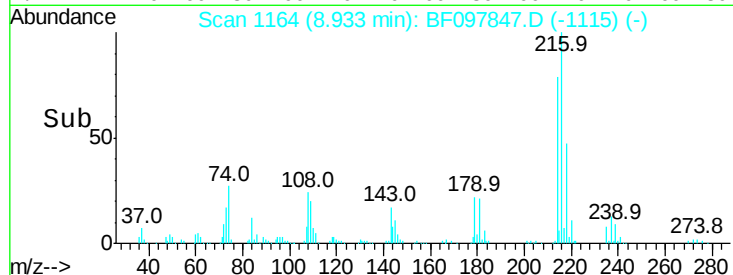
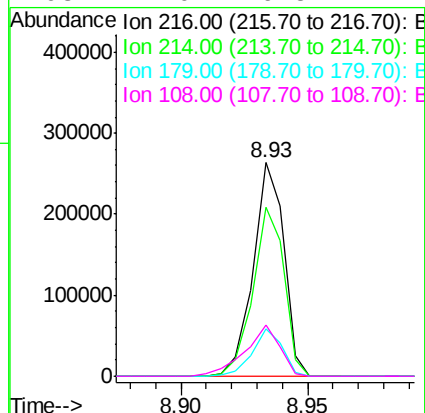
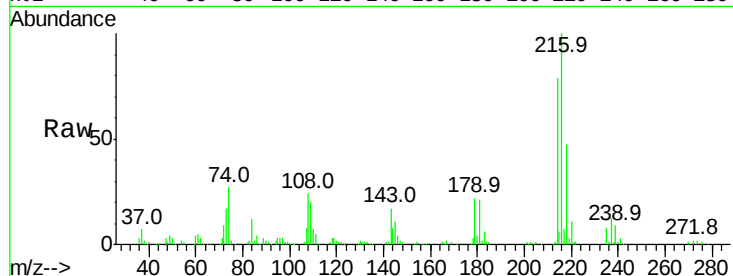
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.020 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	223638		
214	80.0	63.4	95.2	
179	21.6	17.9	26.9	
108	27.0	16.5	24.7	

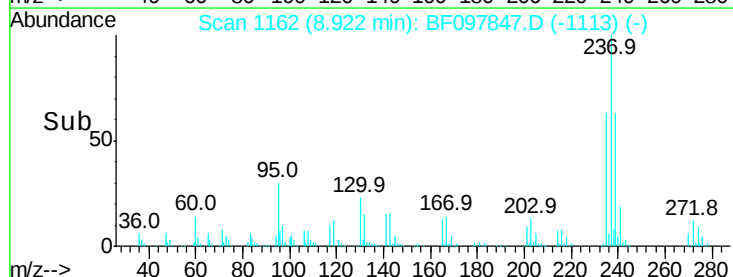
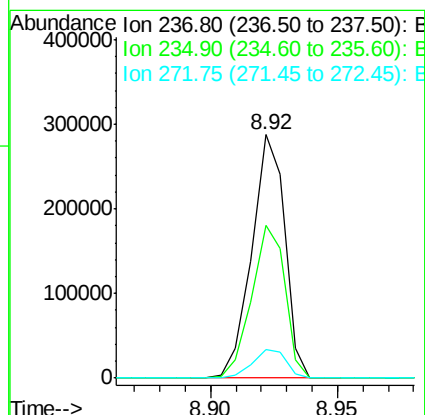
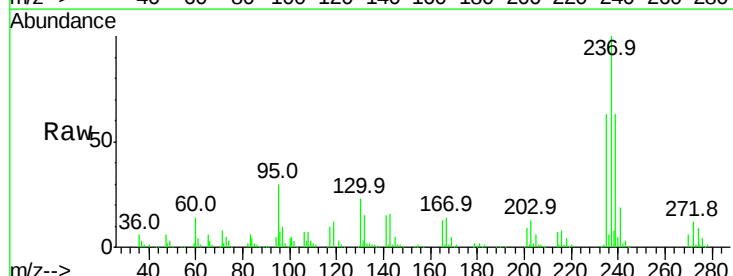
Manual Integrations
 APPROVED

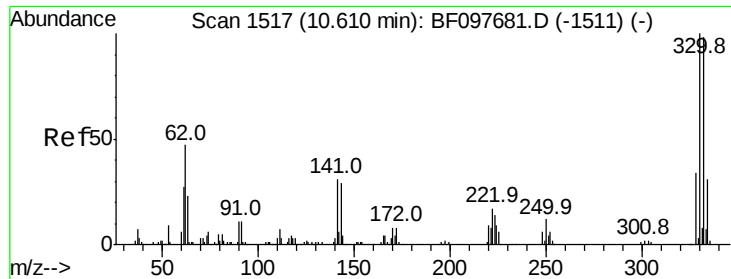
Sohil
 8/21/2017 6:18:39 AM



#40
 Hexachlorocyclopentadiene
 Concen: 87.730 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	261672		
235	62.7	42.6	82.6	
272	11.7	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 128.295 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

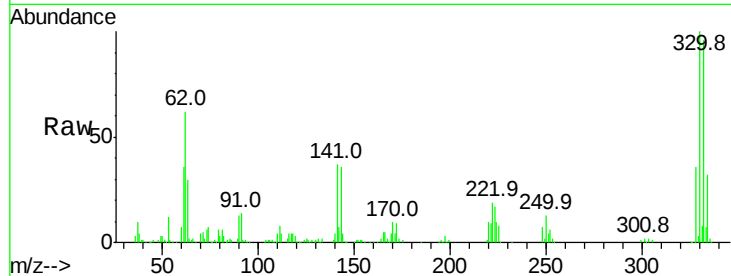
ClientSampled :

E4-24MS

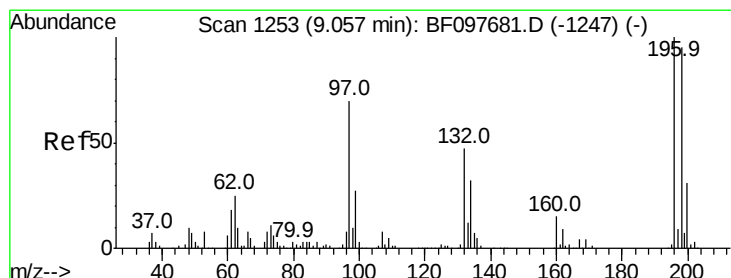
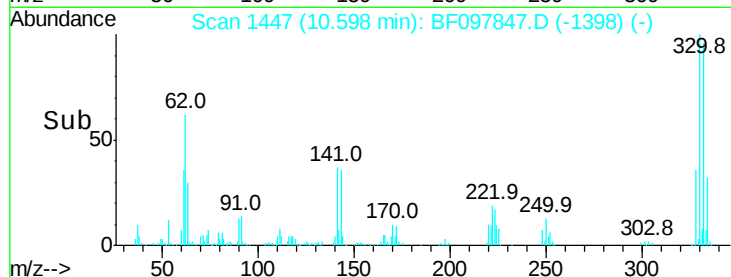
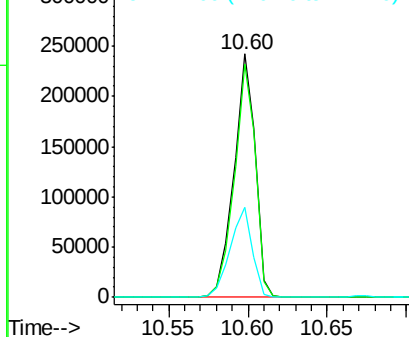
Tot Ion:	330	Resp:	225200
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	115.0
141	38.5	31.4	47.2

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.744 ng

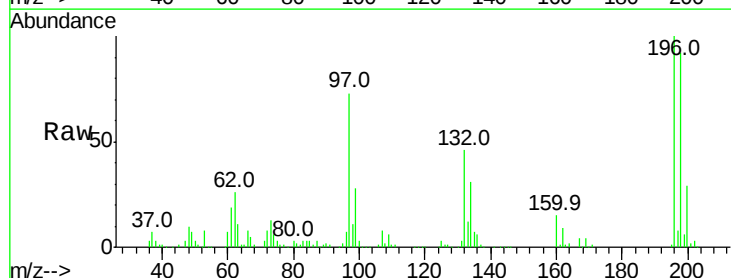
RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

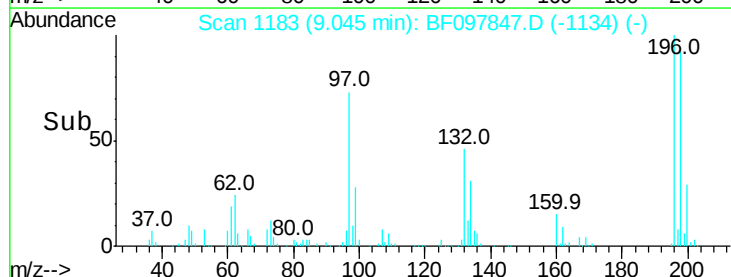
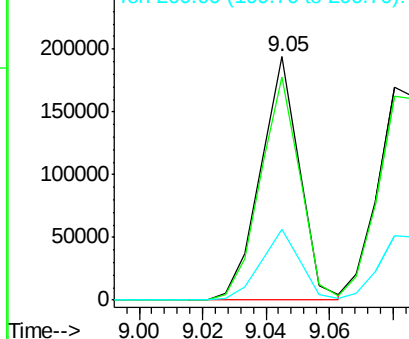
Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:	196	Resp:	165668
Ion Ratio	Lower	Upper	
196	100		
198	91.6	74.2	111.4
200	29.2	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





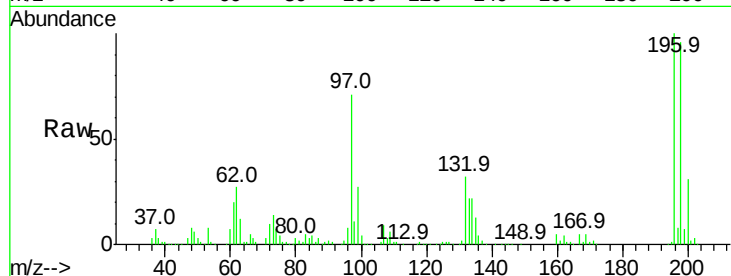
#43
 2,4,5-Trichlorophenol
 Concen: 41.562 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleID :
 E4-24MS

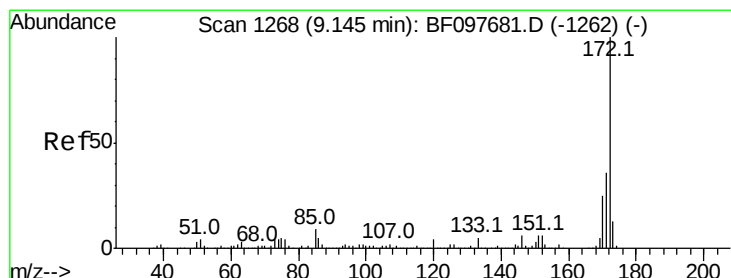
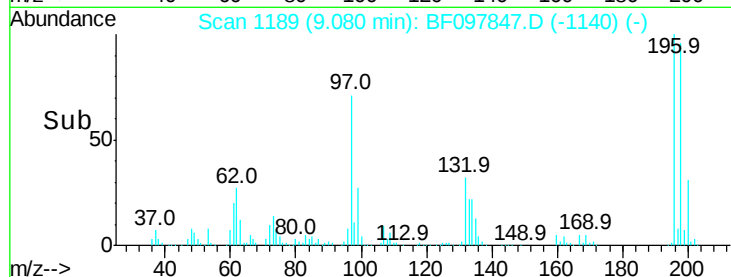
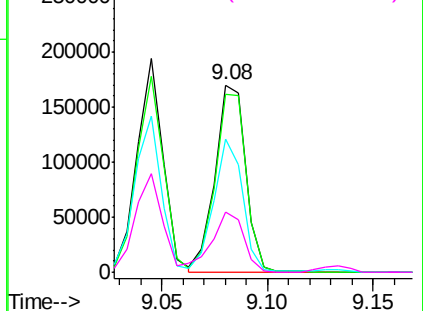
Tot Ion	196	Resp	171870
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
97	70.9	47.7	71.5
132	32.1	28.0	42.0

Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM



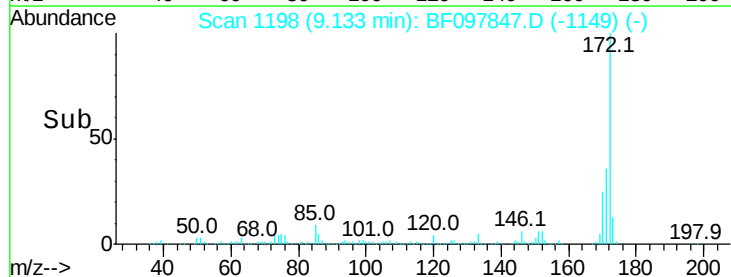
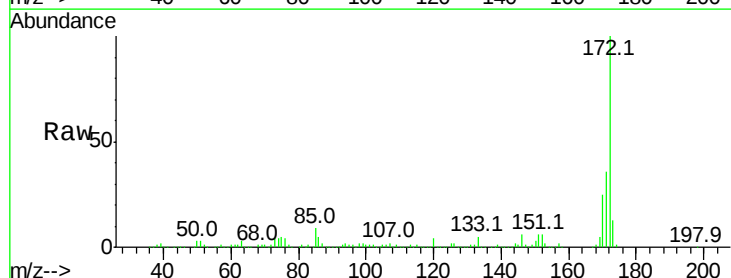
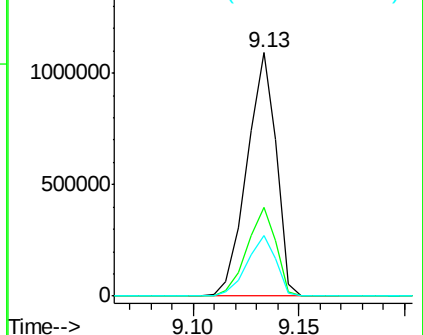
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.064 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	172	Resp	1047371
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.9	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





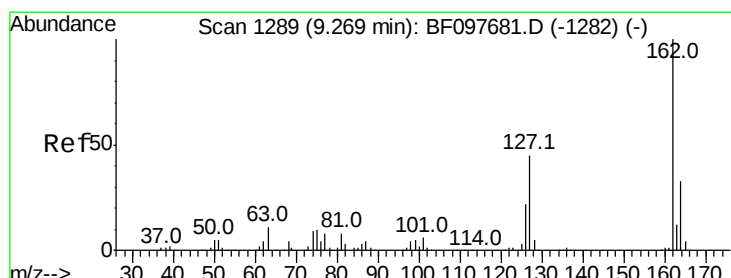
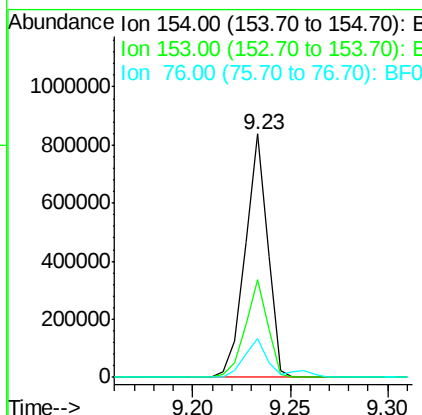
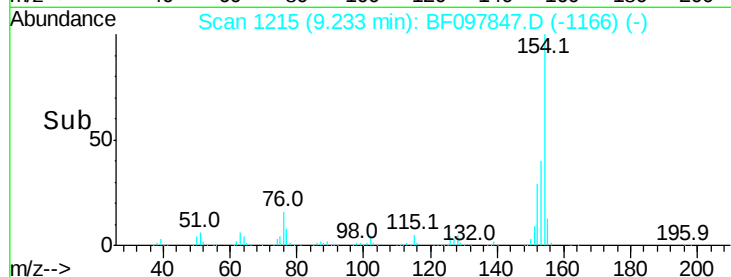
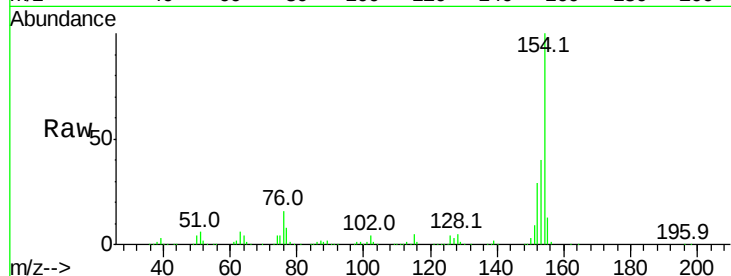
#45
1,1'-Biphenyl
Concen: 36.076 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.2	61.2	
76	15.9	0.0	29.9	

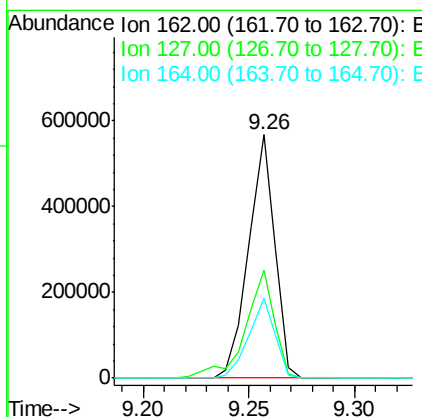
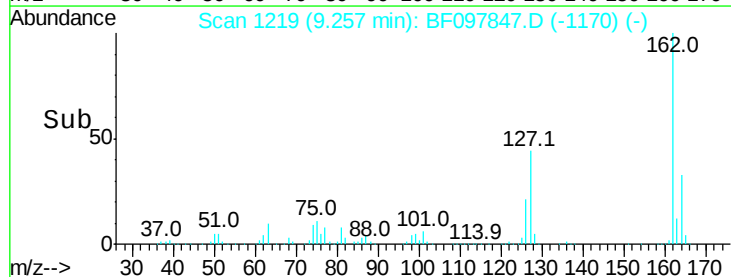
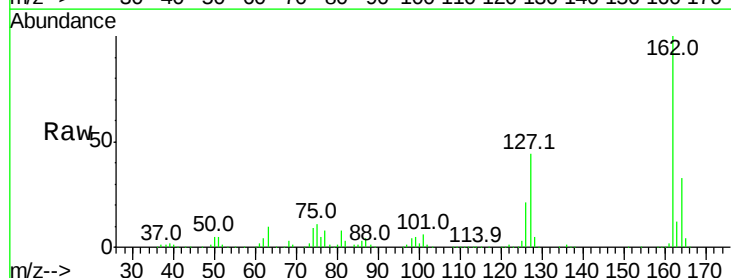
Manual Integrations
APPROVED

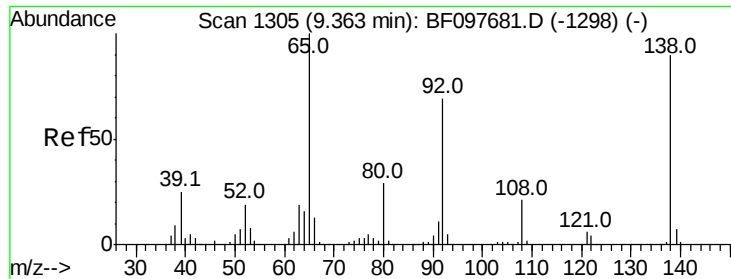
Sohil
8/21/2017 6:18:39 AM



#46
2-Chloronaphthalene
Concen: 36.013 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.3	28.3	42.5#	
164	32.9	27.0	40.4	





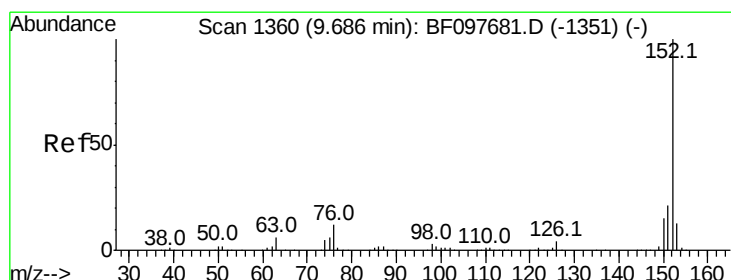
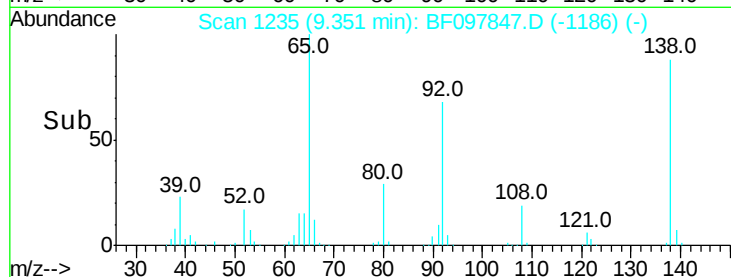
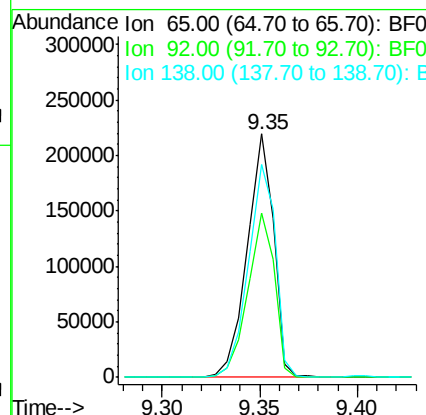
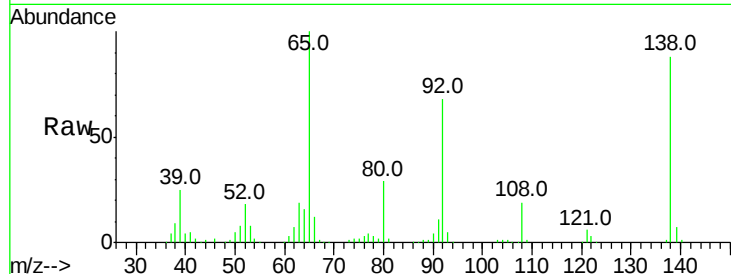
#47
2-Nitroaniline
Concen: 45.134 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	87.7	78.8	118.2

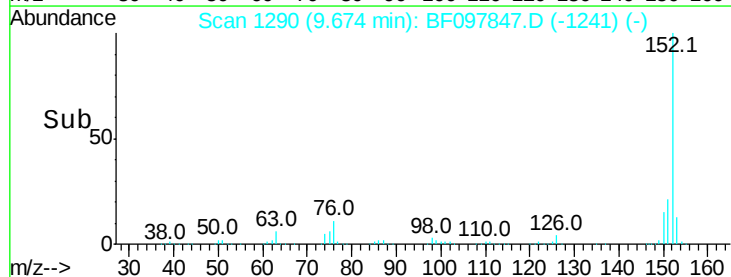
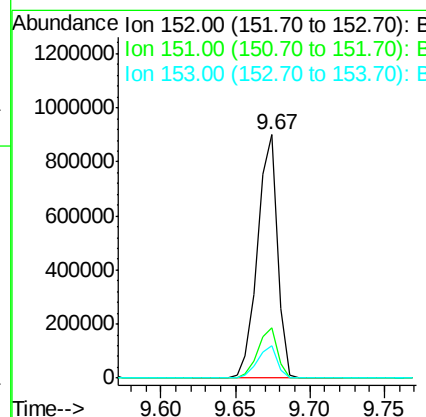
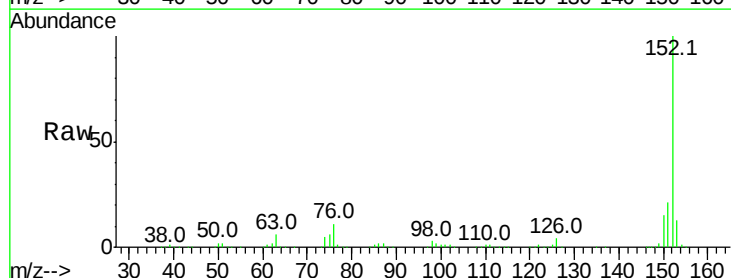
Manual Integrations
APPROVED

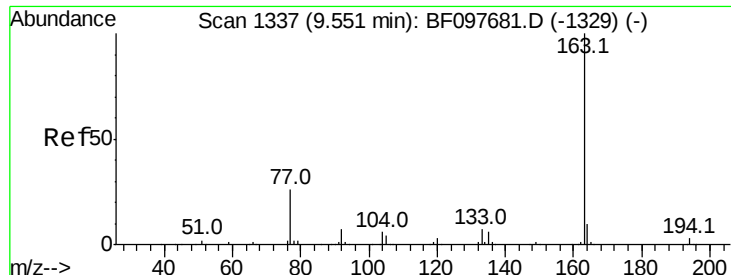
Sohil
8/21/2017 6:18:39 AM



#48
Acenaphthylene
Concen: 38.570 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2





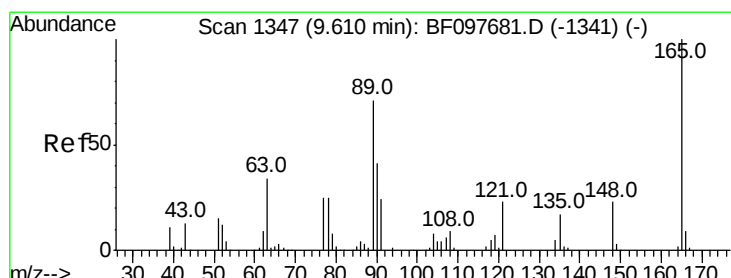
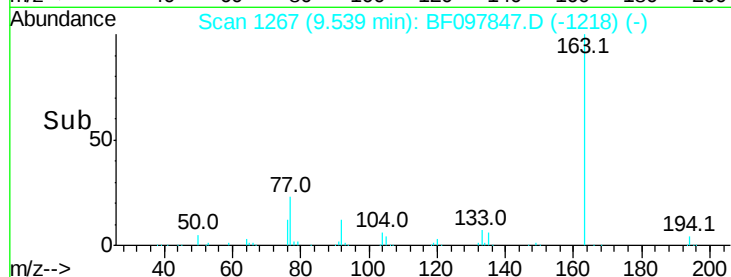
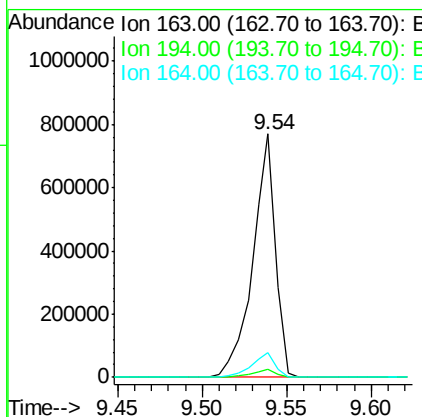
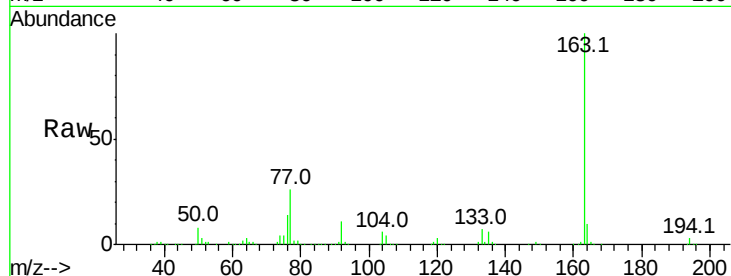
#49
Dimethylphthalate
Concen: 48.570 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6

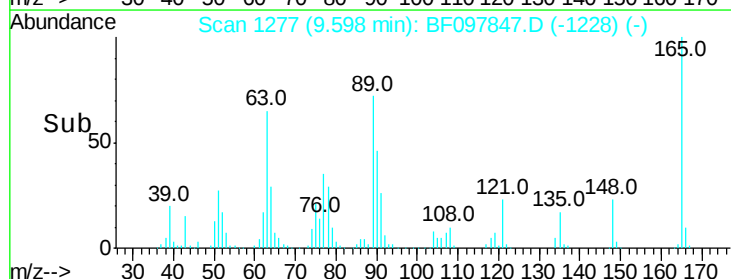
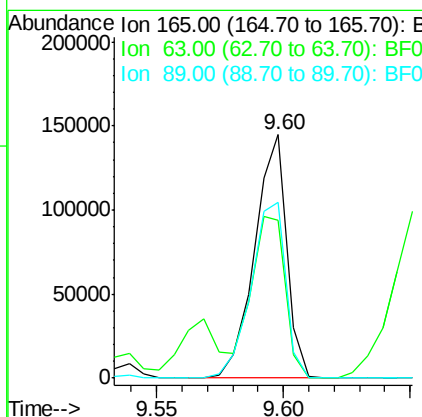
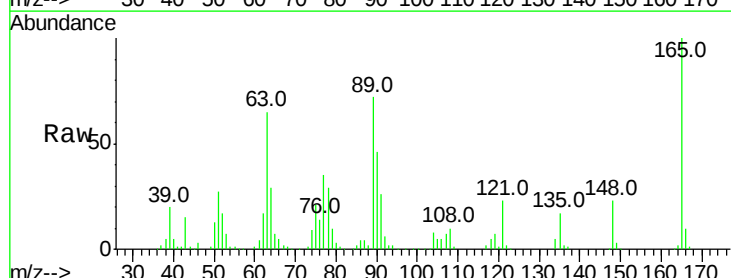
Manual Integrations
APPROVED

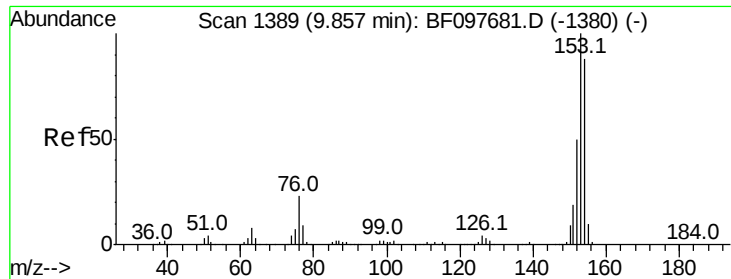
Sohil
8/21/2017 6:18:39 AM



#50
2,6-Dinitrotoluene
Concen: 43.181 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.0	34.3	51.5#
89	72.2	37.1	55.7#





#51

Acenaphthene

Concen: 39.558 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

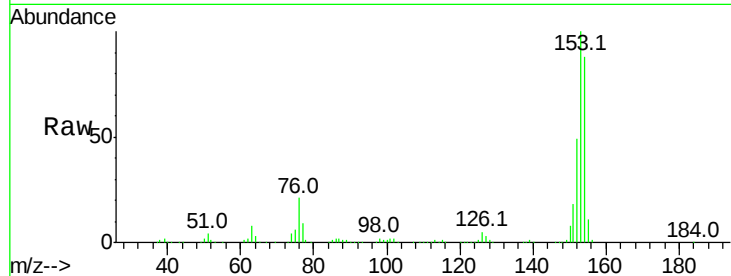
ClientSampleId :

E4-24MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.5	135.7
152	56.0	43.6	65.4

Manual Integrations
APPROVED

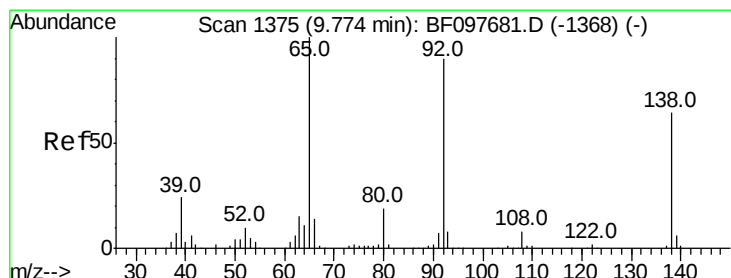
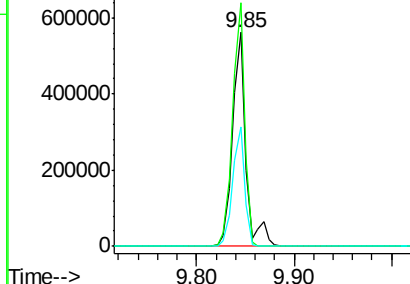
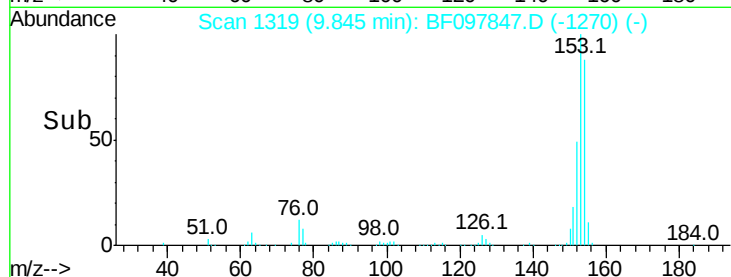
Sohil
8/21/2017 6:18:39 AM



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



#52

3-Nitroaniline

Concen: 37.166 ng

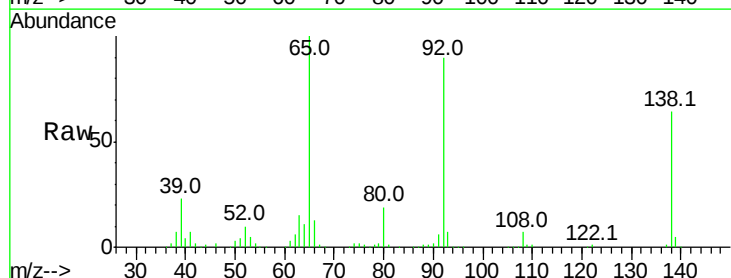
RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

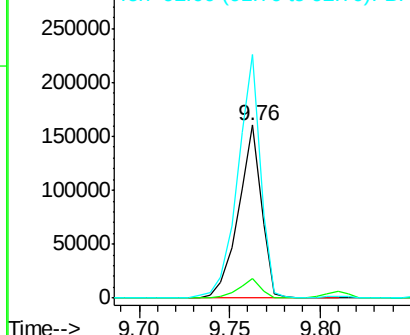
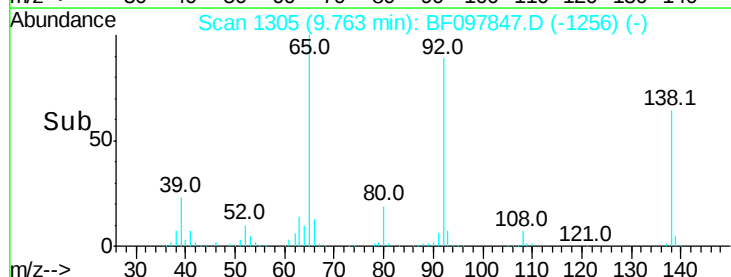
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	140.8	93.8	140.6#

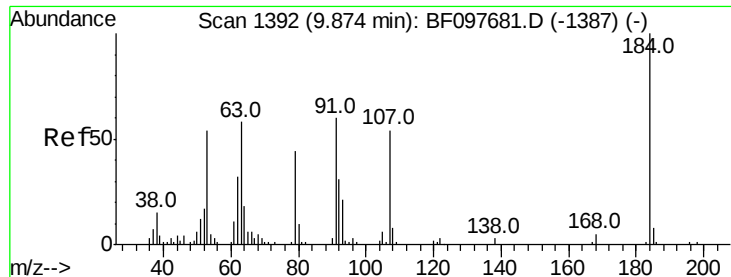


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





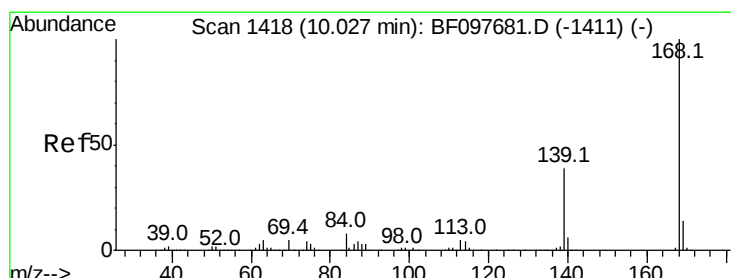
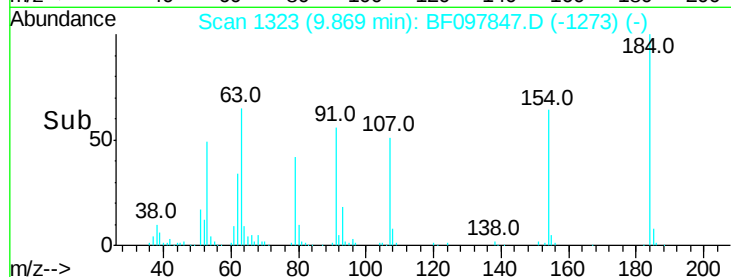
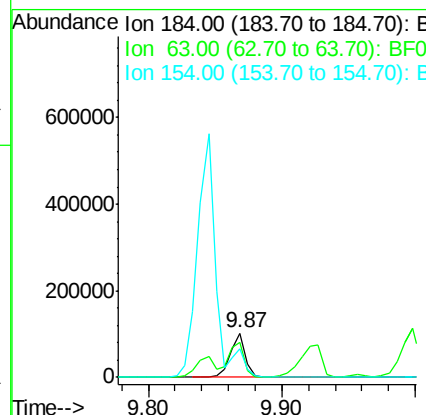
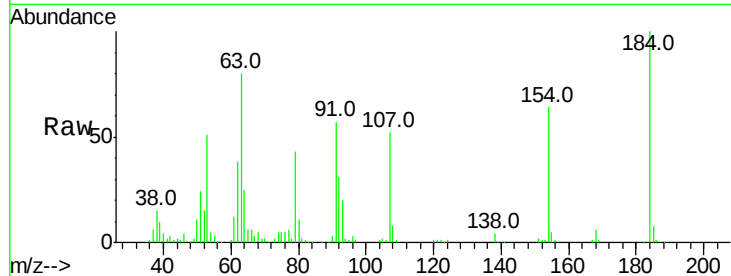
#53
 2,4-Dinitrophenol
 Concen: 60.666 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.9	62.7	94.1
154	63.9	81.1	121.7#

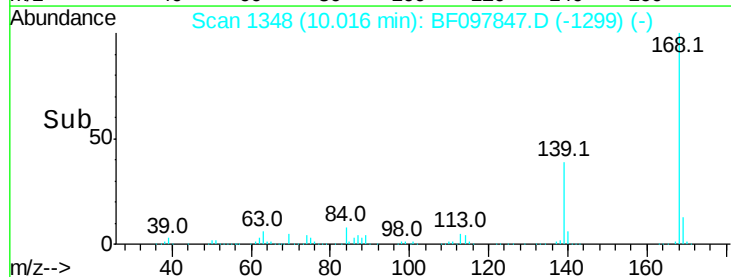
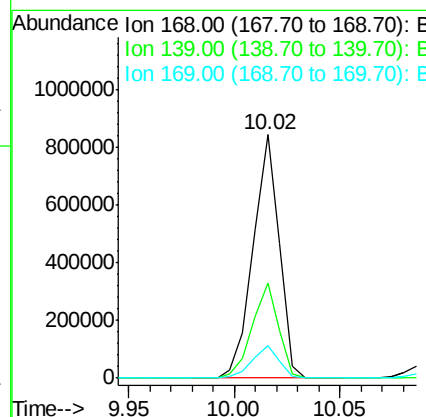
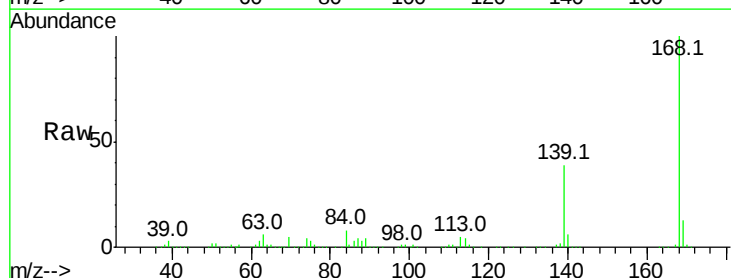
Manual Integrations
 APPROVED

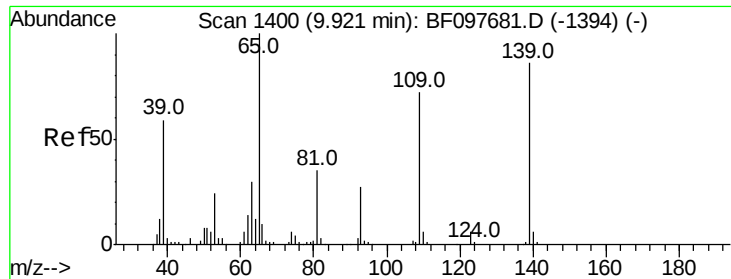
Sohil
 8/21/2017 6:18:39 AM



#54
 Dibenzofuran
 Concen: 40.235 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	13.4	10.8	16.2





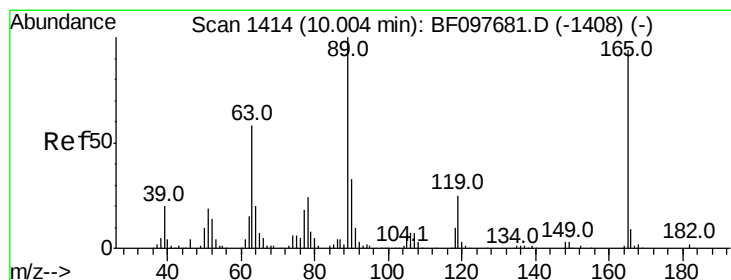
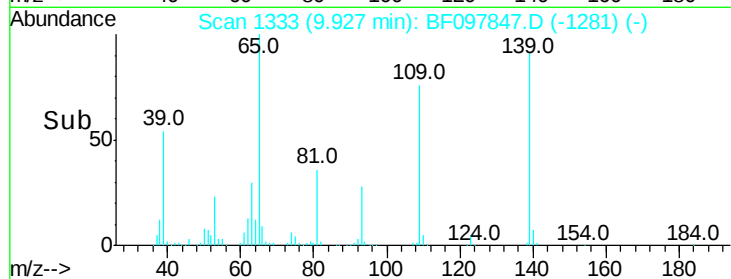
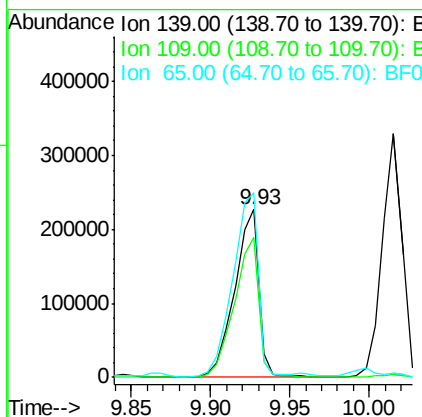
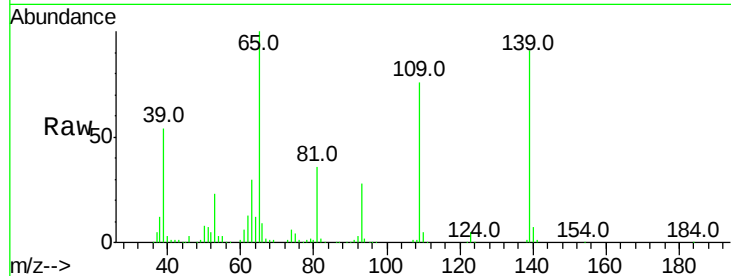
#55
4-Nitrophenol
Concen: 79.462 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	241405		
109	83.6	34.1	74.1#	
65	110.0	31.4	71.4#	

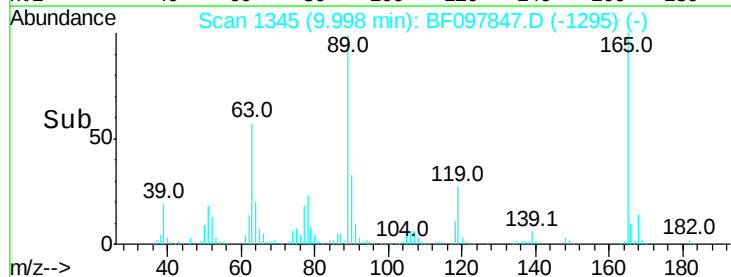
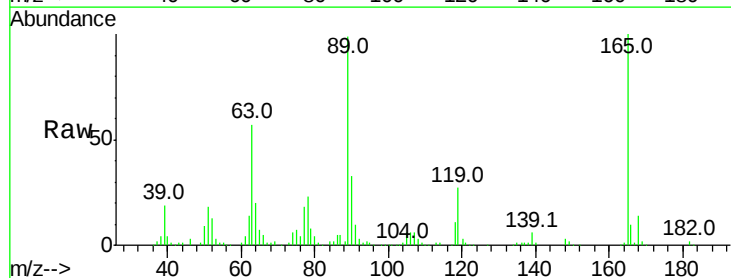
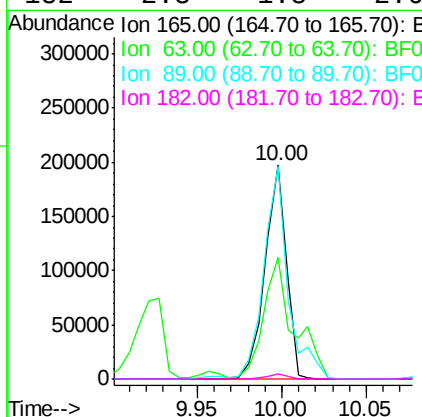
Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#56
2,4-Dinitrotoluene
Concen: 46.693 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172971		
63	56.8	25.4	38.0#	
89	99.4	46.4	69.6#	
182	2.3	1.8	2.6	





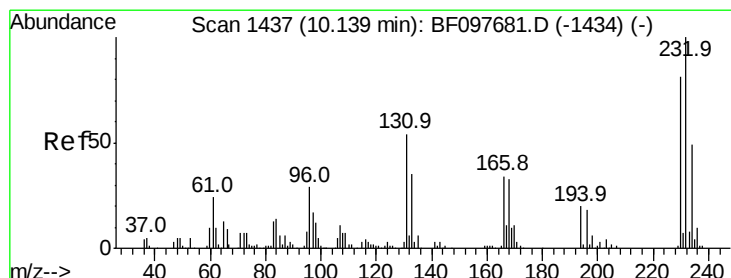
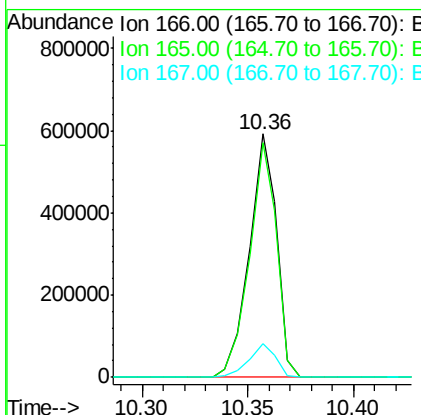
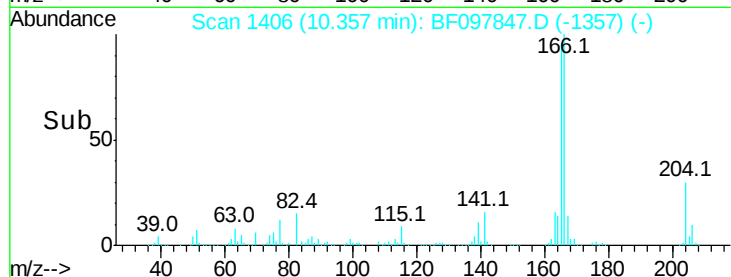
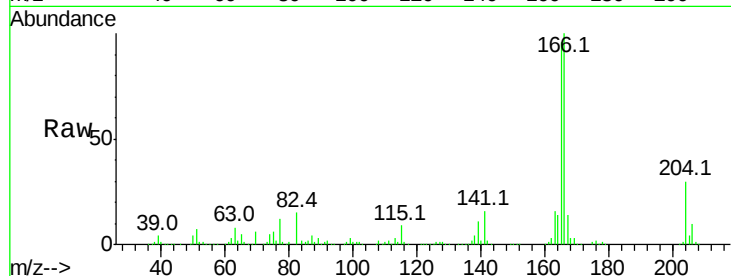
#57
Fluorene
 Concen: 38.169 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion:	166	Resp:	533937
Ion Ratio	Lower	Upper	
166	100		
165	96.1	78.8	118.2
167	13.7	10.6	16.0

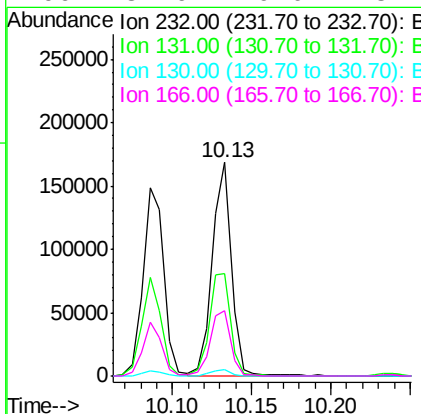
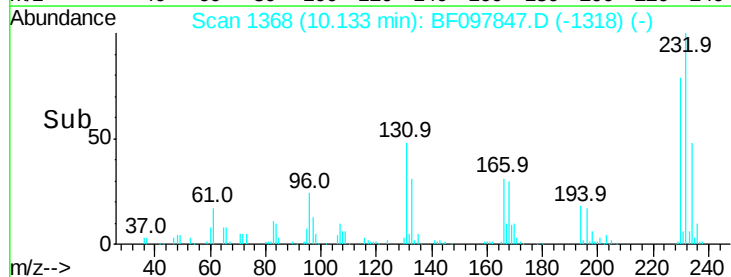
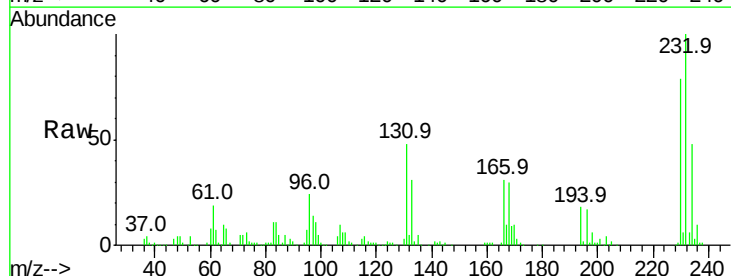
Manual Integrations
 APPROVED

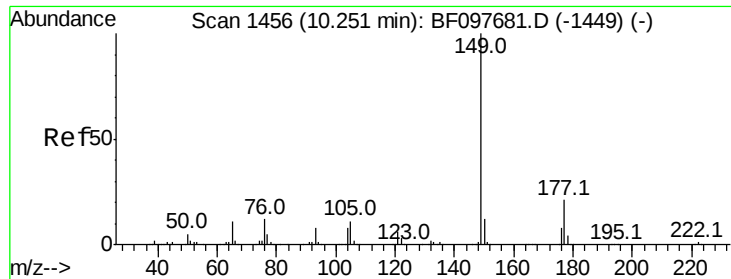
Sohil
 8/21/2017 6:18:39 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.704 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:	232	Resp:	143127
Ion Ratio	Lower	Upper	
232	100		
131	53.2	44.8	67.2
130	3.0	2.3	3.5
166	32.6	29.0	43.4





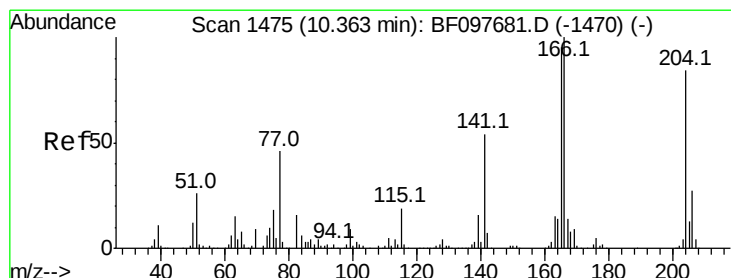
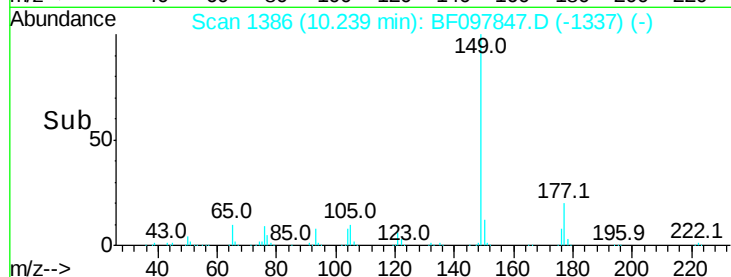
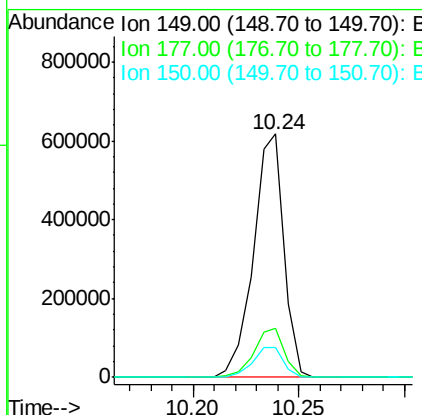
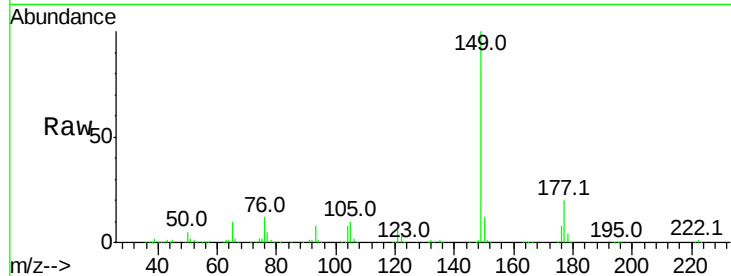
#59
Diethylphthalate
Concen: 39.974 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	618171		
177	20.4	16.7	25.1	
150	12.1	10.2	15.2	

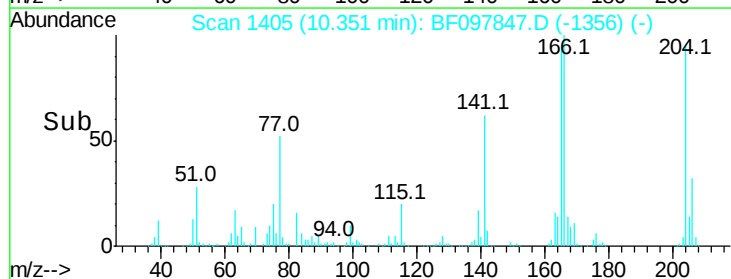
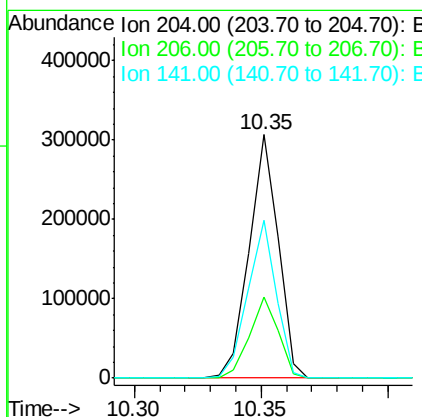
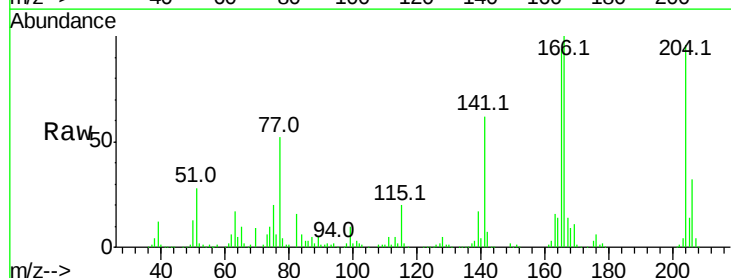
Manual Integrations
APPROVED

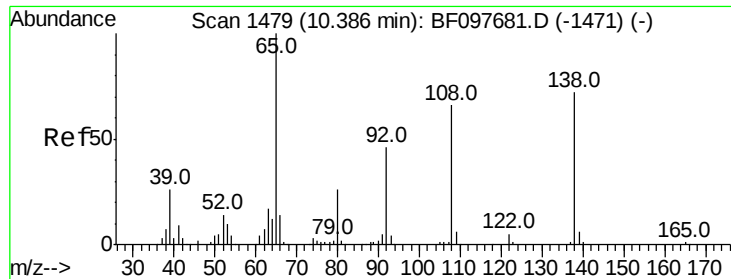
Sohil
8/21/2017 6:18:39 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.739 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	245258		
206	33.3	26.2	39.2	
141	64.7	60.8	91.2	





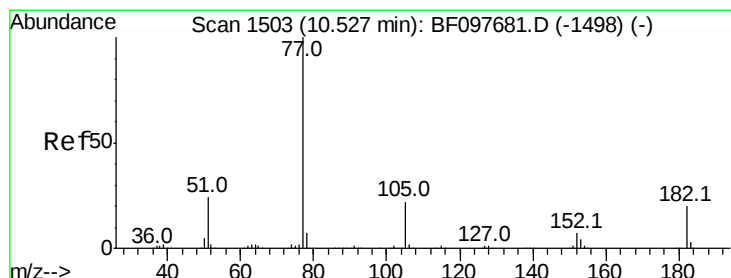
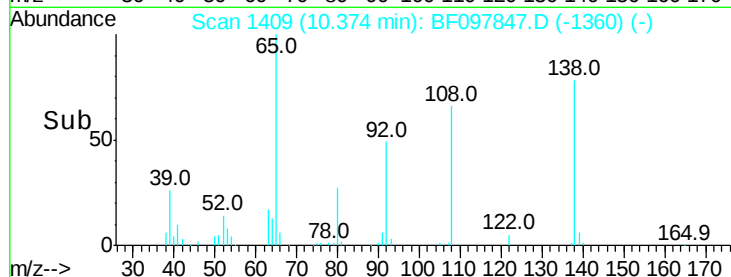
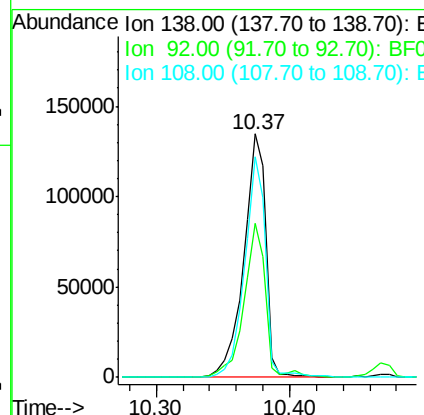
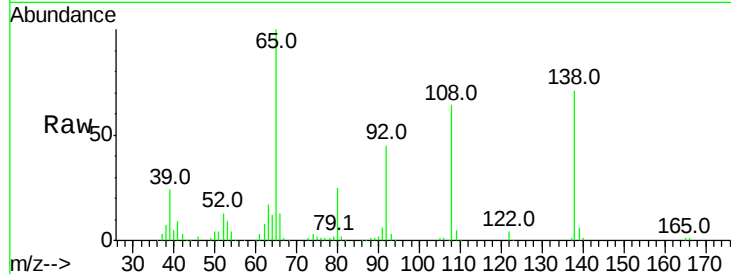
#61
4-Nitroaniline
Concen: 42.651 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	154382		
92	63.0	21.8	61.8#	
108	90.5	42.3	82.3#	

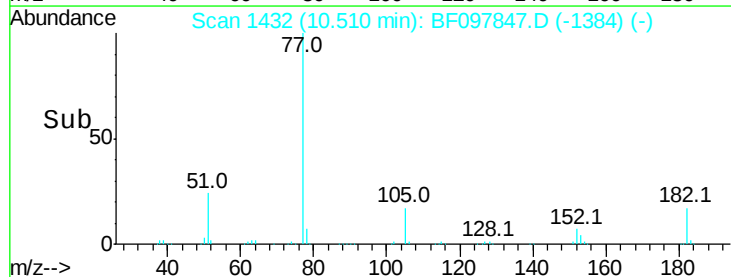
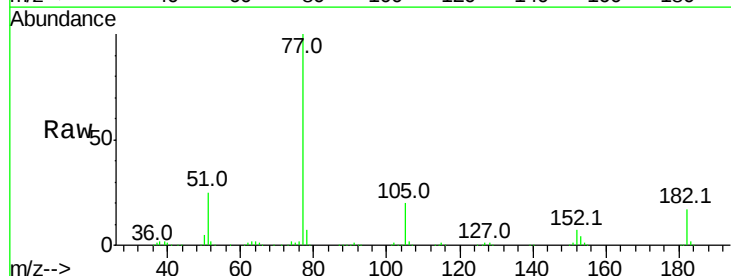
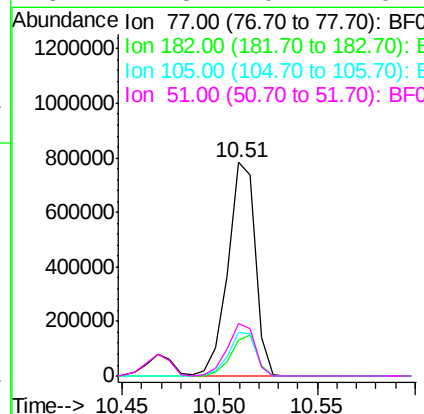
Manual Integrations
APPROVED

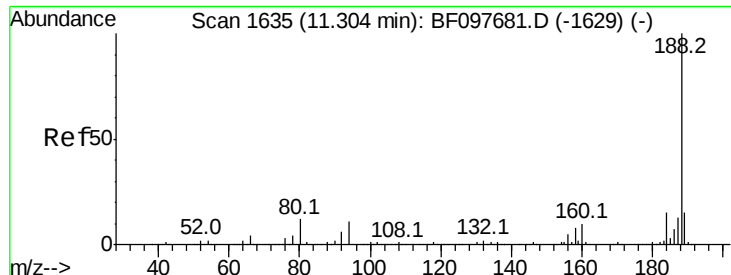
Sohil
8/21/2017 6:18:39 AM



#62
Azobenzene
Concen: 41.450 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	761408		
182	16.6	0.1	40.1	
105	20.3	3.6	43.6	
51	24.8	9.4	49.4	





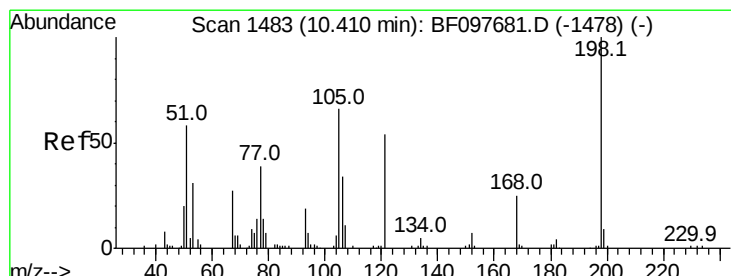
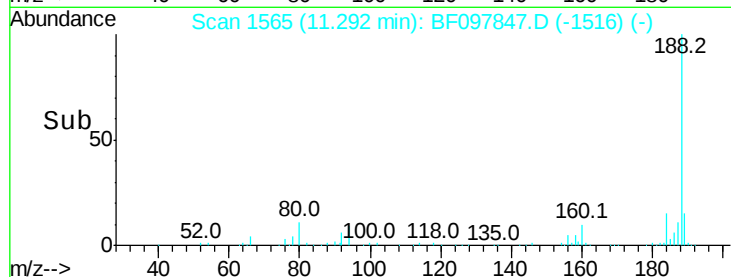
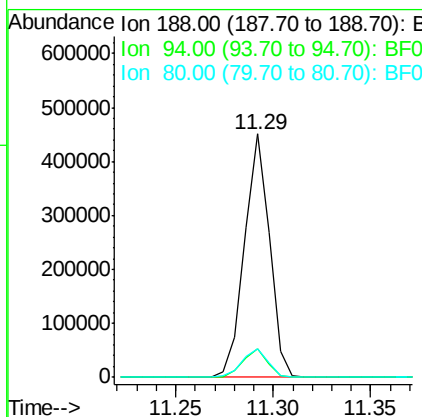
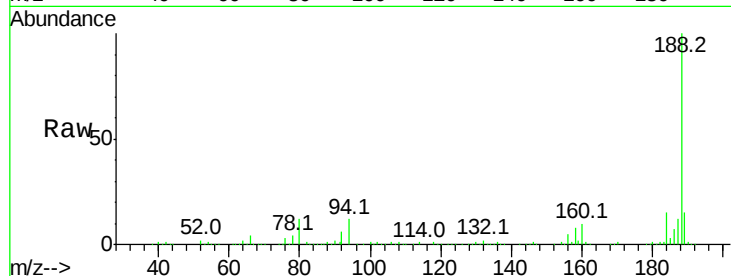
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	401979		
94	11.6		9.4	14.2
80	11.7		10.2	15.2

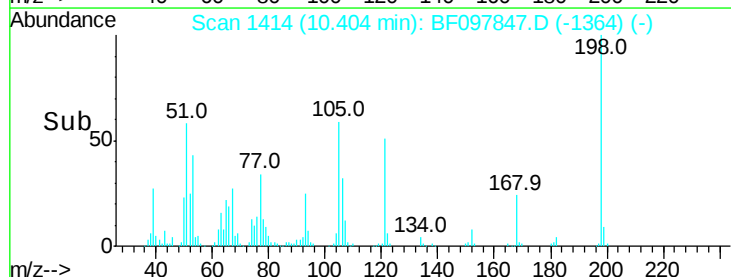
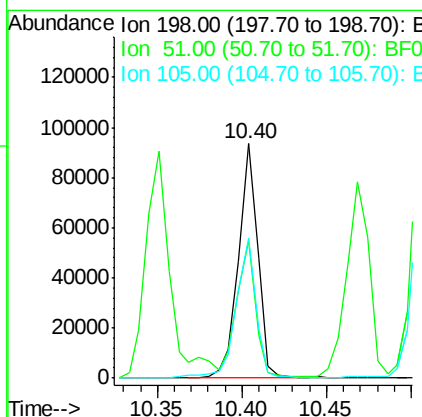
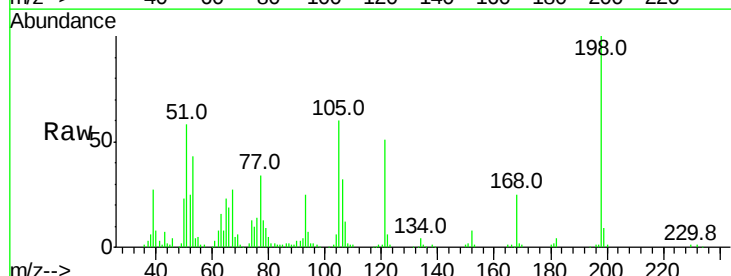
Manual Integrations
APPROVED

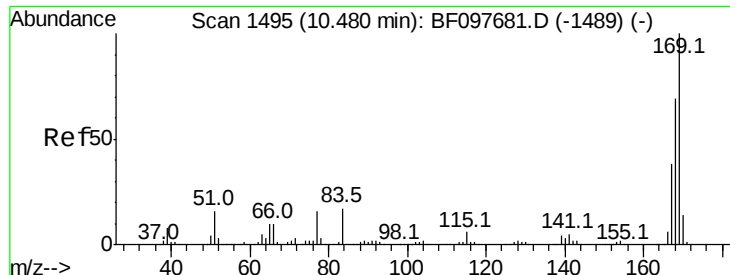
Sohil
8/21/2017 6:18:39 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.678 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	74145		
51	58.5		53.2	93.2
105	59.7		45.8	85.8





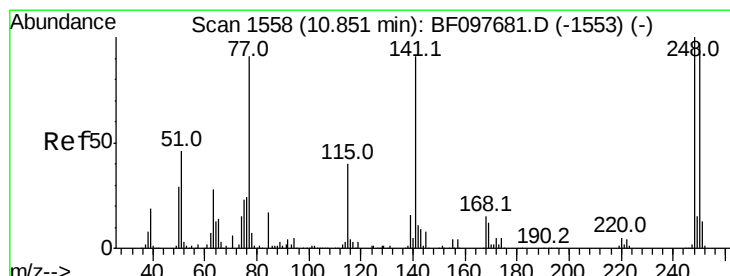
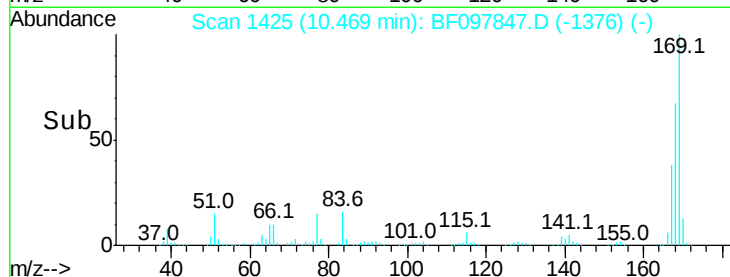
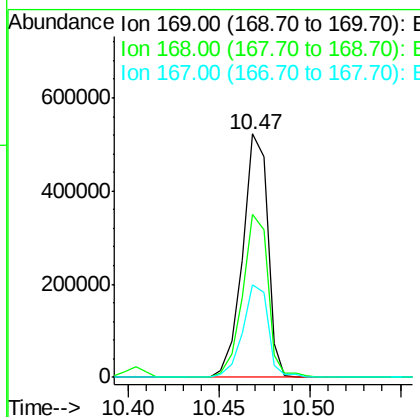
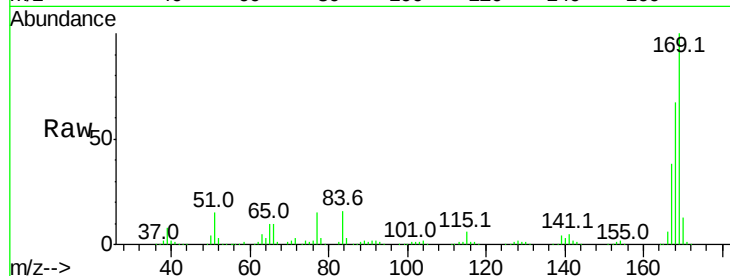
#65
n-Nitrosodiphenylamine
Concen: 36.599 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	500984		
168	67.0		53.2	79.8
167	37.8		29.5	44.3

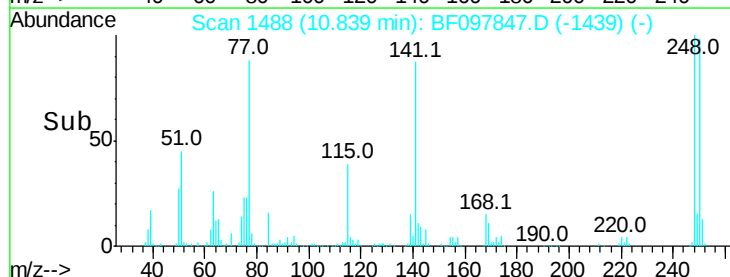
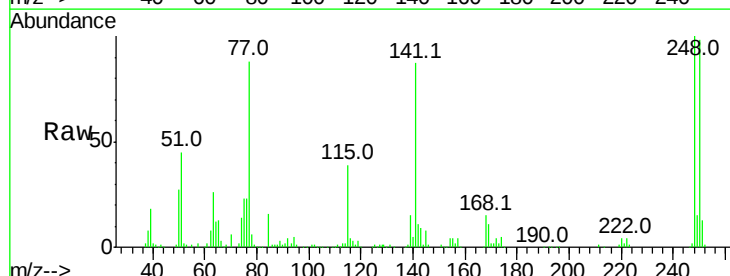
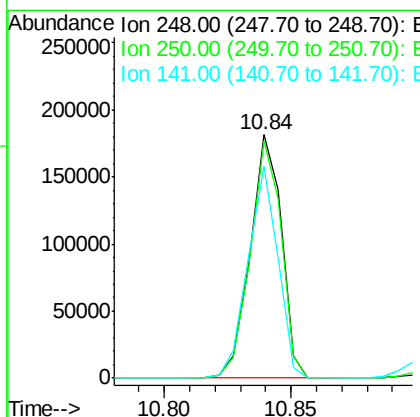
Manual Integrations
APPROVED

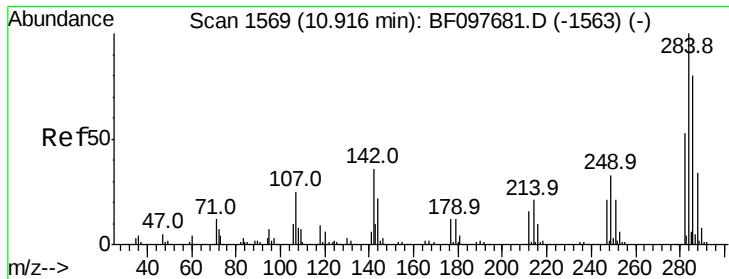
Sohil
8/21/2017 6:18:39 AM



#66
4-Bromophenyl-phenylether
Concen: 37.332 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155834		
250	97.7		76.8	115.2
141	87.2		68.6	103.0





#67

Hexachlorobenzene

Concen: 35.855 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

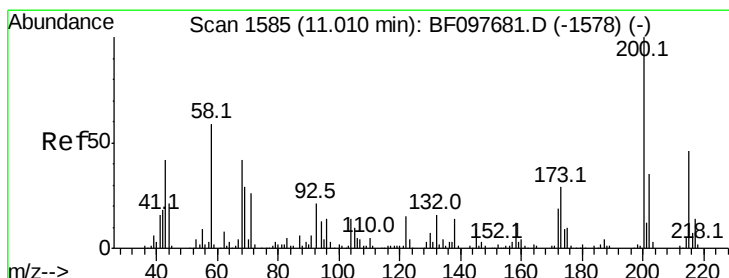
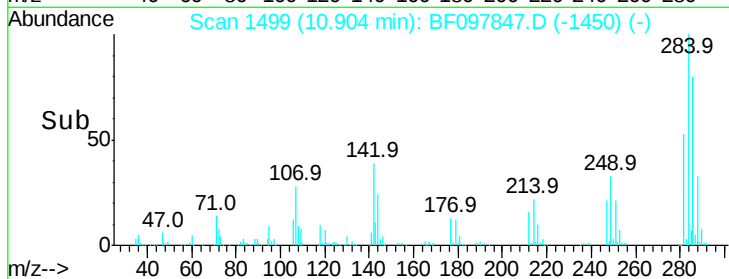
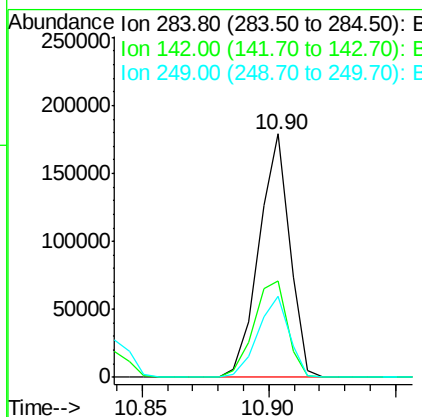
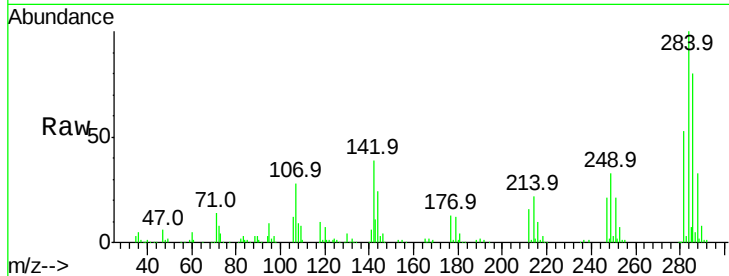
ClientSampleId :

E4-24MS

Tot Ion:	284	Resp:	152552
Ion Ratio		Lower	Upper
284	100		
142	39.4	22.8	34.2#
249	33.1	24.0	36.0

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#68

Atrazine

Concen: 43.735 ng

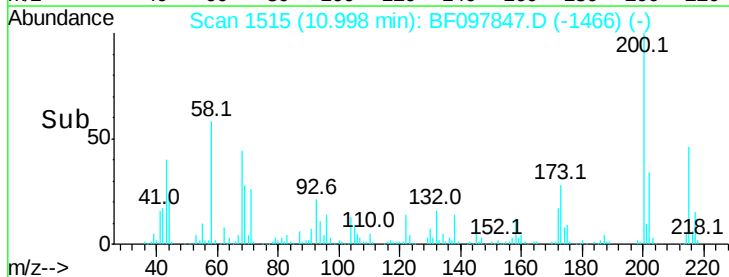
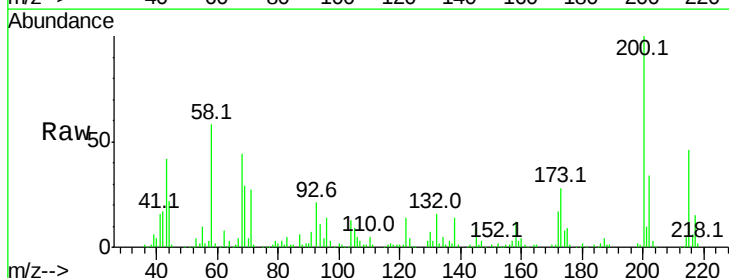
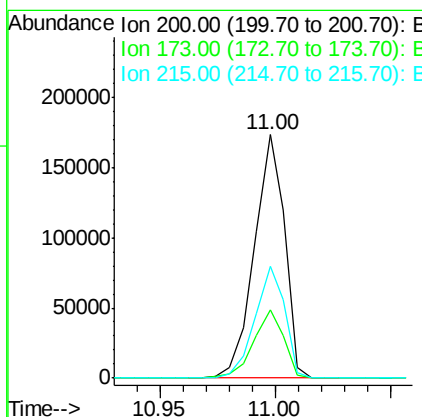
RT: 11.00 min Scan# 1515

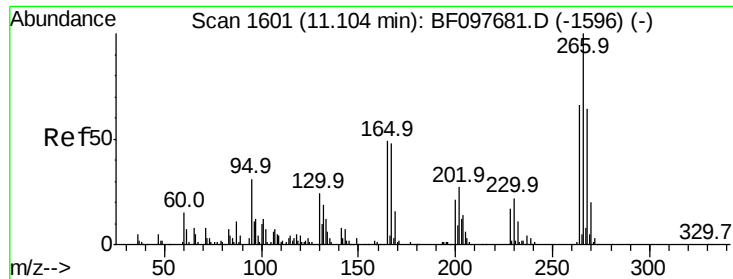
Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:	200	Resp:	158766
Ion Ratio		Lower	Upper
200	100		
173	28.2	6.3	46.3
215	46.1	27.2	67.2





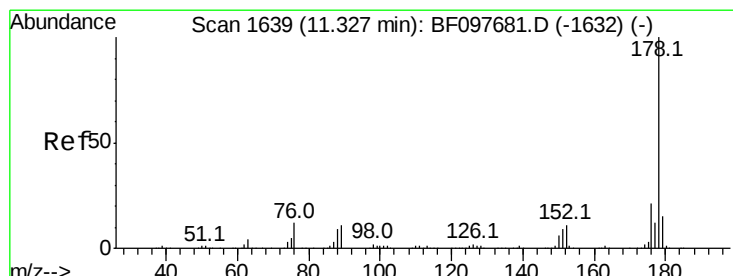
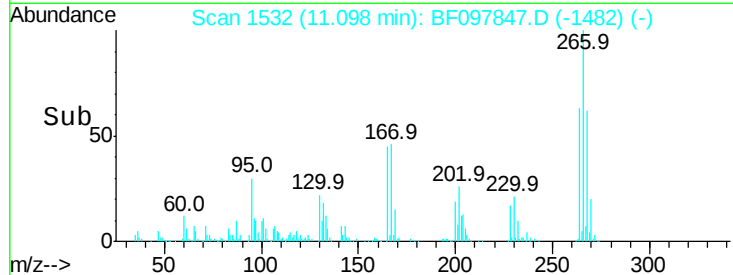
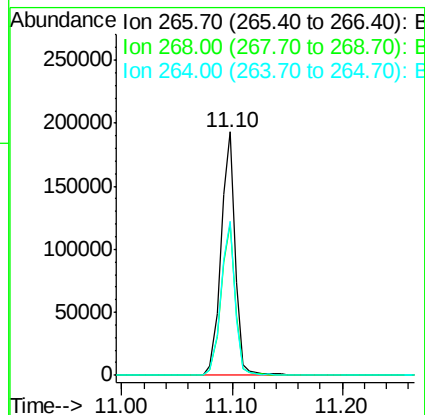
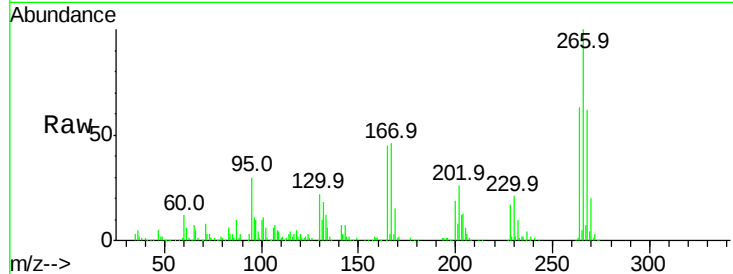
#69
 Pentachlorophenol
 Concen: 69.717 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

Tot Ion:	266	Resp:	172950
Ion Ratio	Lower	Upper	
266	100		
268	62.4	51.1	76.7
264	63.4	51.7	77.5

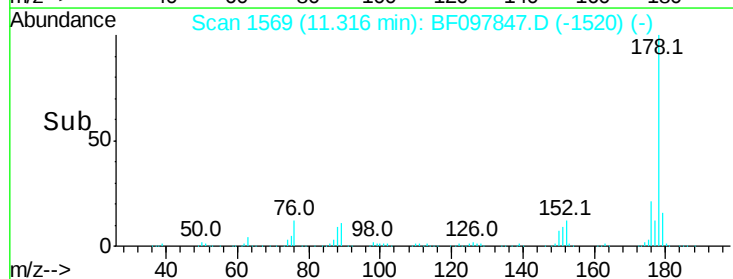
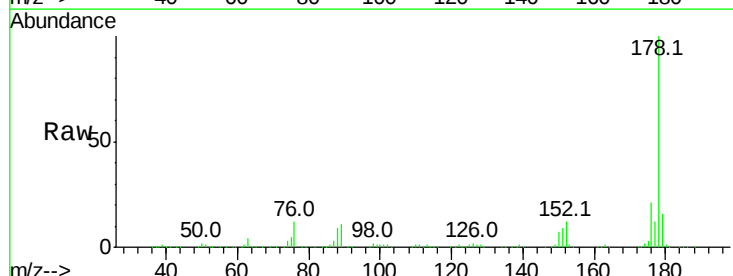
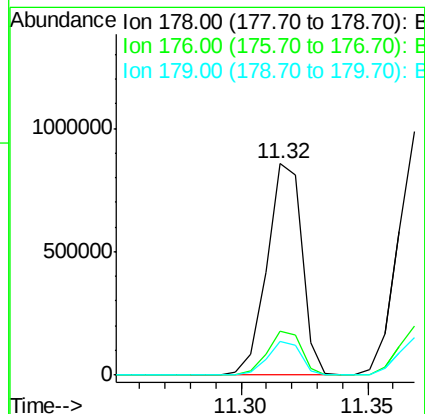
Manual Integrations
 APPROVED

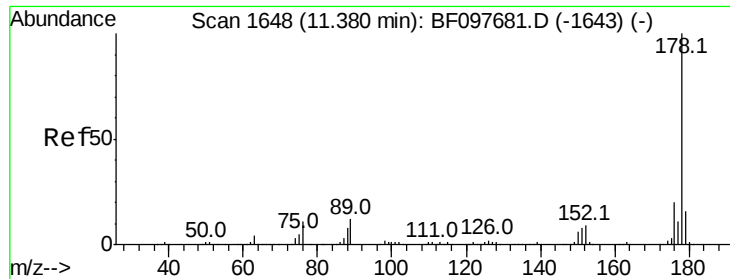
Sohil
 8/21/2017 6:18:39 AM



#70
 Phenanthrene
 Concen: 38.208 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:	178	Resp:	818429
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.2	24.4
179	15.8	12.6	19.0





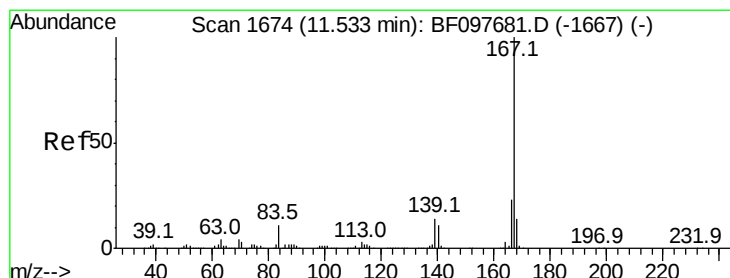
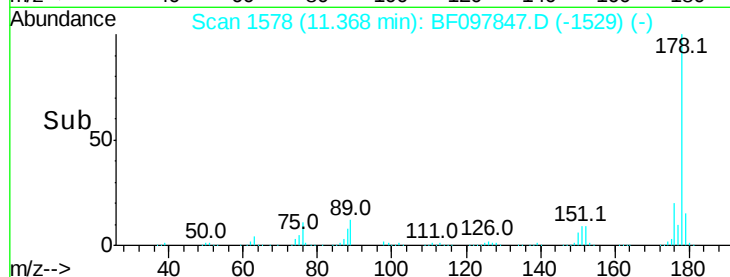
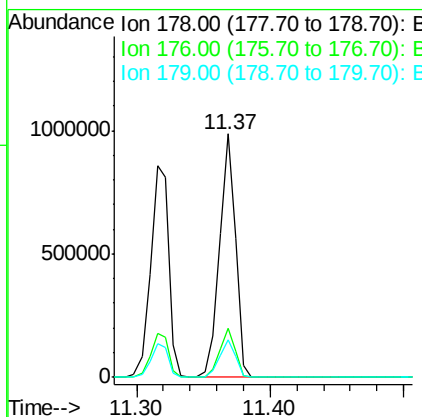
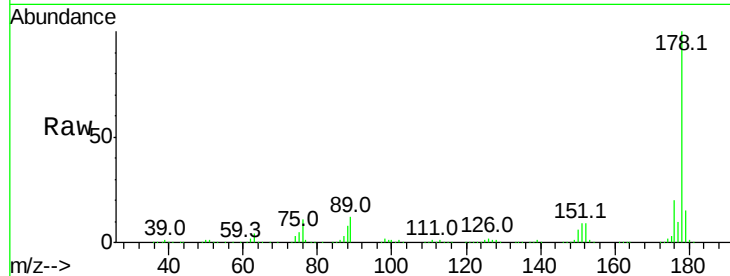
#71
 Anthracene
 Concen: 38.639 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	15.8	23.8	
179	15.3	12.7	19.1	

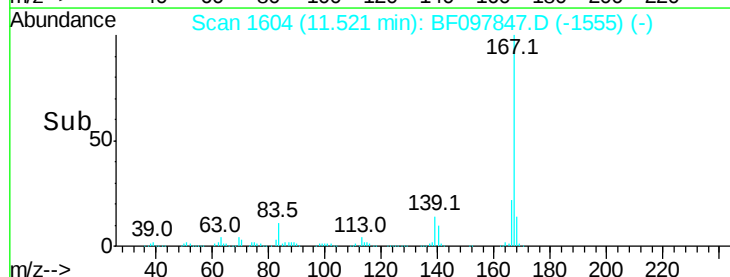
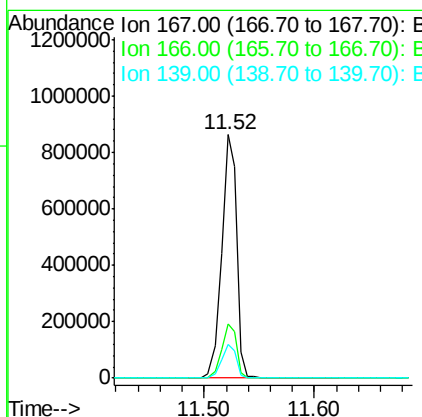
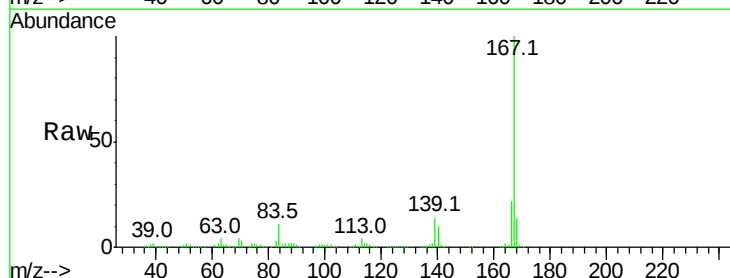
Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM



#72
 Carbazole
 Concen: 39.541 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.5	18.1	27.1	
139	13.7	11.7	17.5	





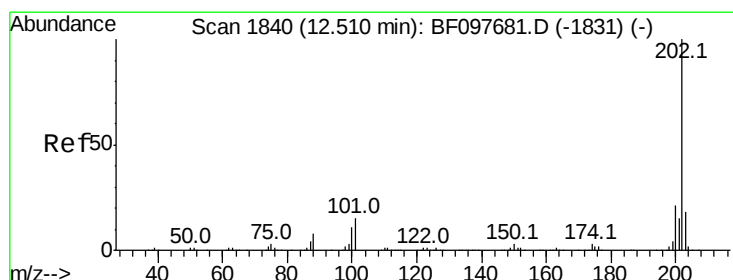
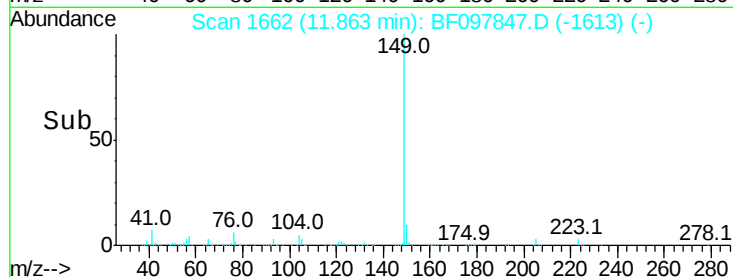
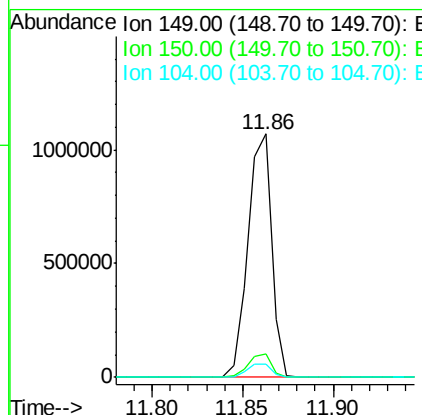
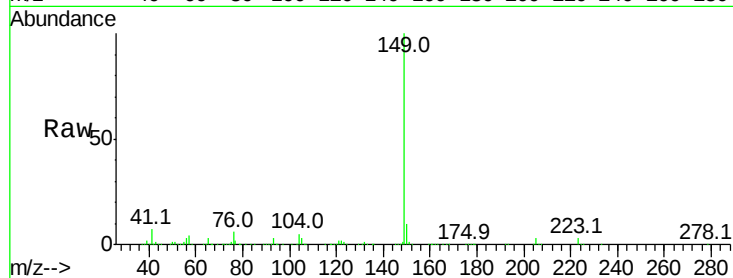
#73
Di-n-butylphthalate
Concen: 40.849 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.7	11.5	
104	5.4	4.0	6.0	

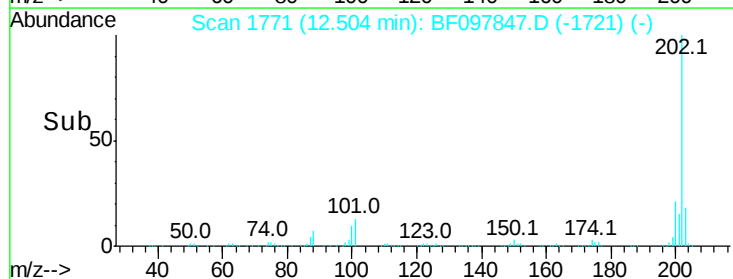
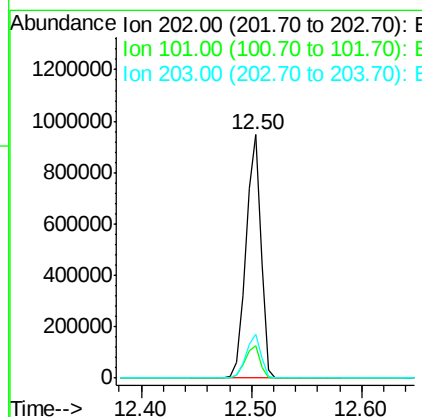
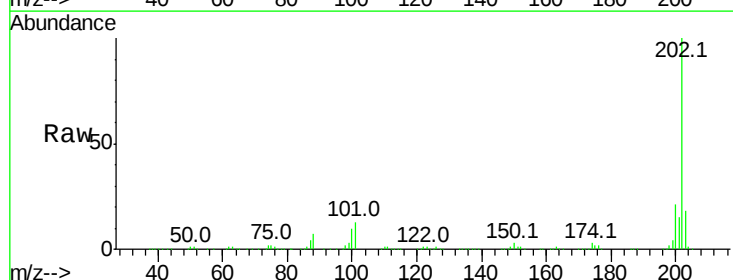
Manual Integrations
APPROVED

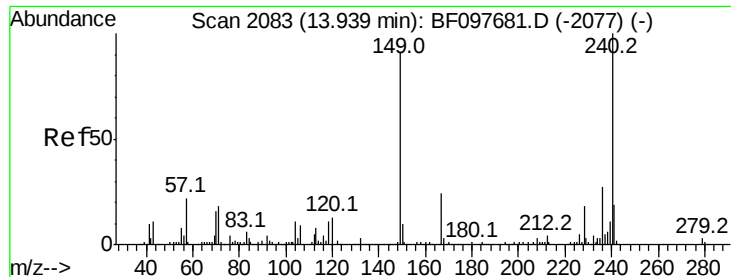
Sohil
8/21/2017 6:18:39 AM



#74
Fluoranthene
Concen: 40.267 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.1	0.0	33.2	
203	18.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

Tot Ion:240 Resp: 333649
Ion Ratio Lower Upper

240 100

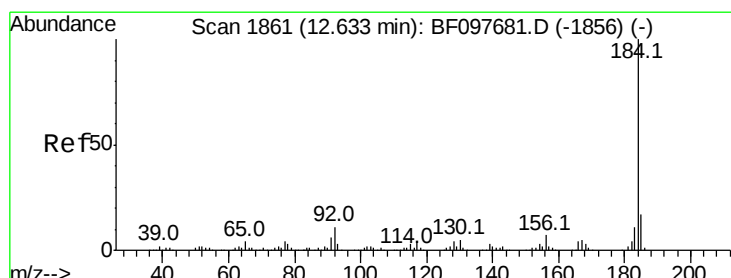
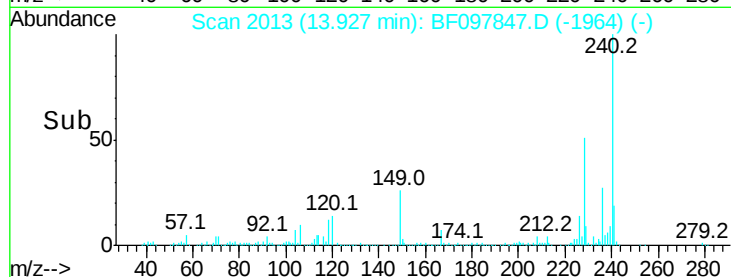
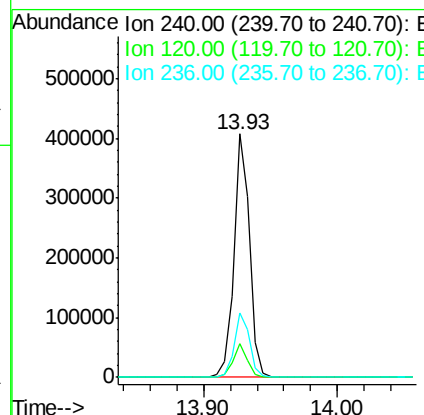
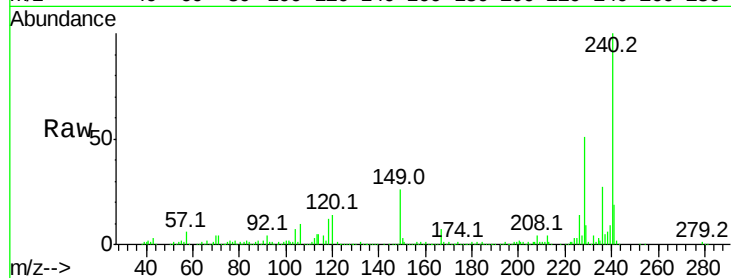
120 14.1 5.8 8.8#

236 26.5 20.5 30.7

Manual Integrations
APPROVED

Sohil

8/21/2017 6:18:39 AM



#76

Benzidine

Concen: 5.841 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097847.D

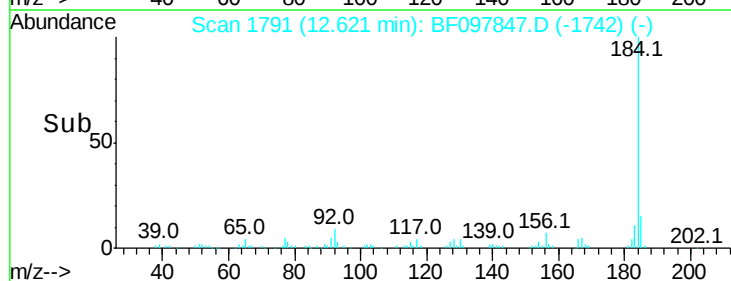
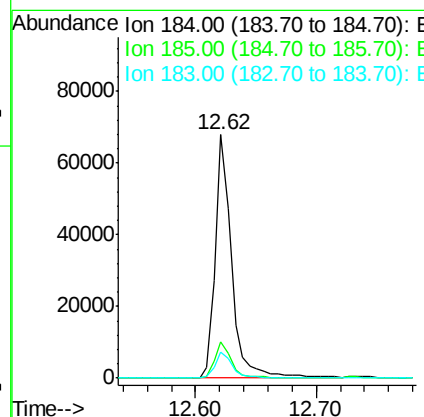
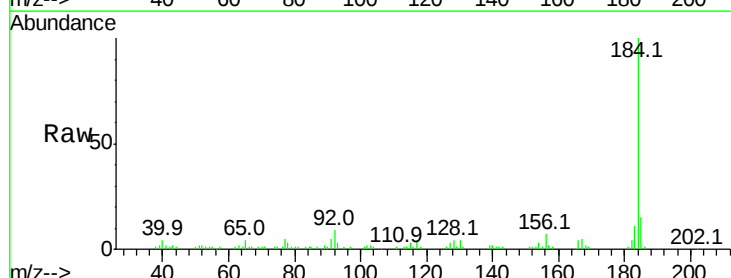
Acq: 18 Aug 2017 22:00

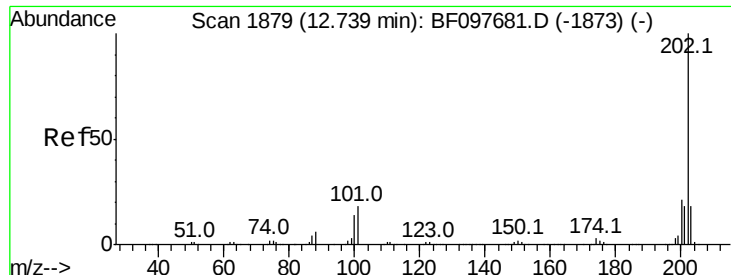
Tgt Ion:184 Resp: 63897
Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

183 10.8 9.8 14.6





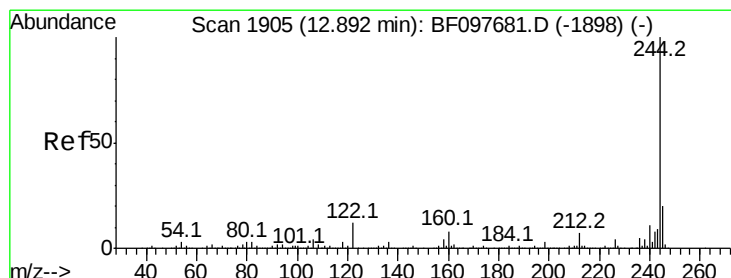
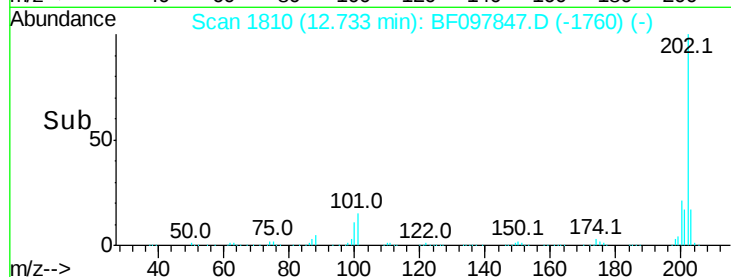
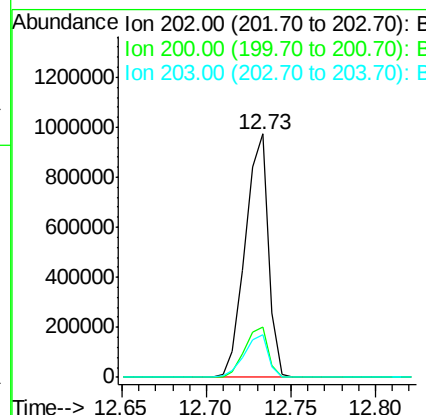
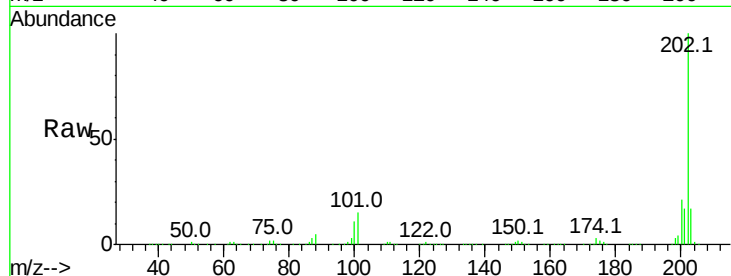
#77
Pvrene
Concen: 34.095 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.3	14.4	21.6

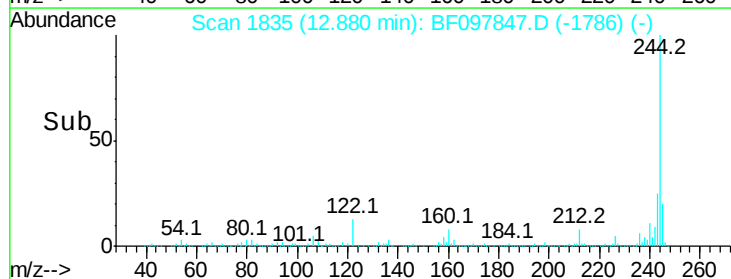
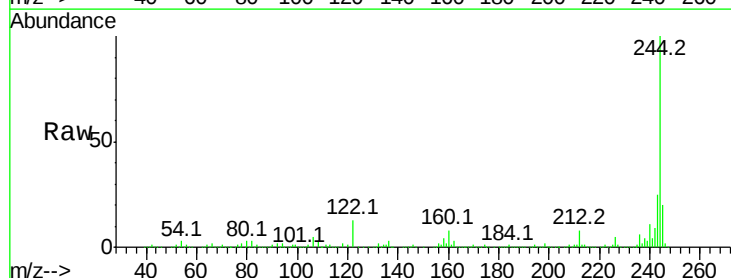
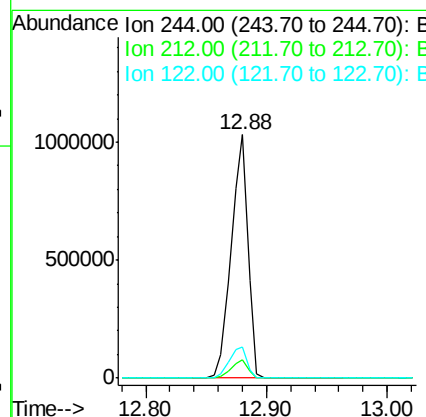
Manual Integrations
APPROVED

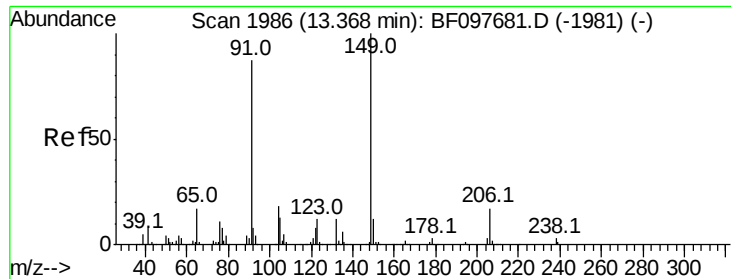
Sohil
8/21/2017 6:18:39 AM



#78
Terphenyl-d14
Concen: 61.727 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.6	10.3	15.5





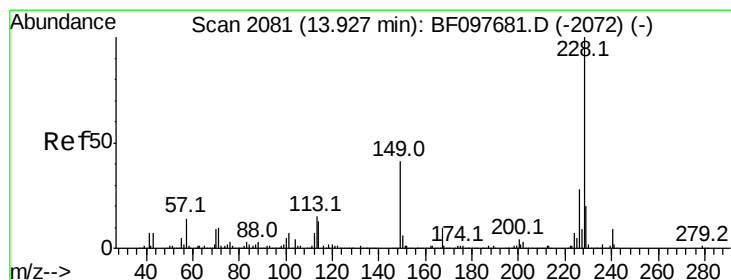
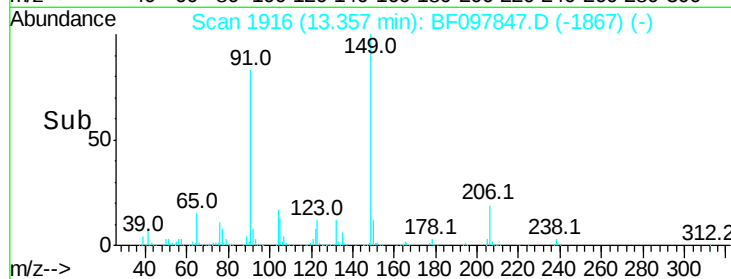
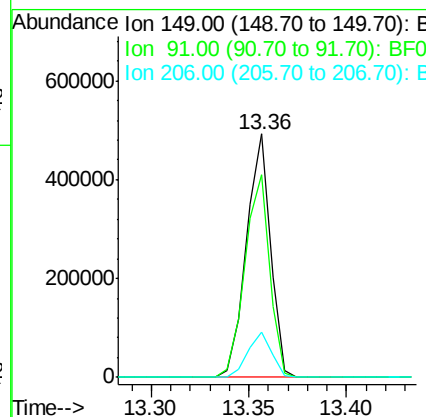
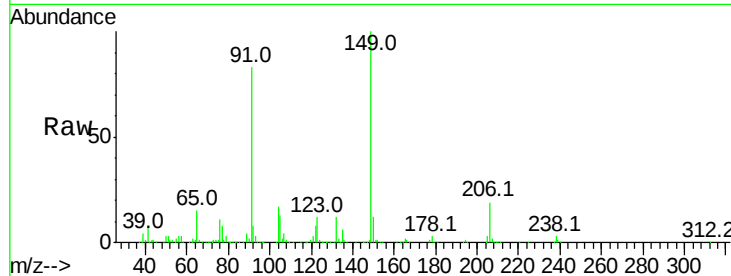
#79
Butylbenzylphthalate
Concen: 40.179 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	420370		
91	83.4	45.0	67.4#	
206	18.8	17.0	25.6	

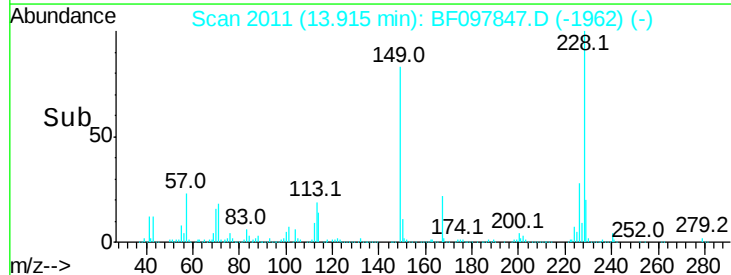
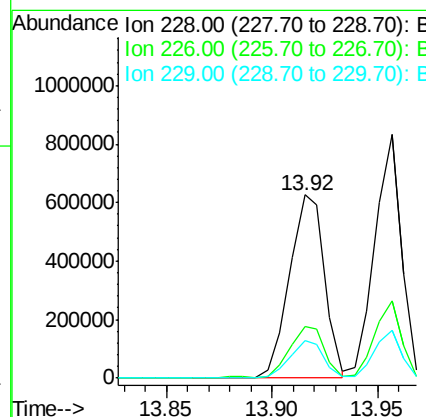
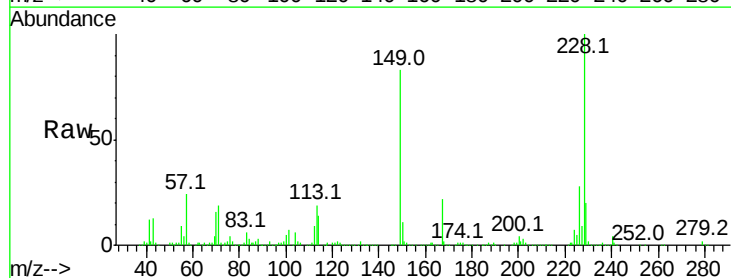
Manual Integrations
APPROVED

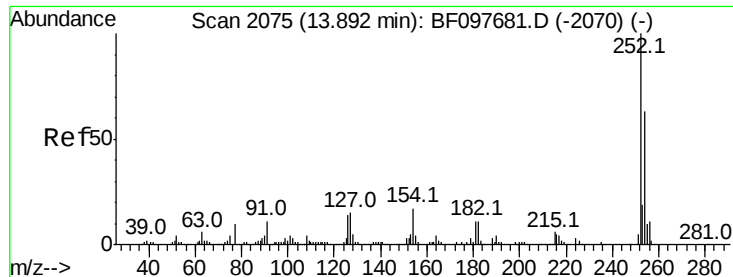
Sohil
8/21/2017 6:18:39 AM



#80
Benzo(a)anthracene
Concen: 36.037 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	720623		
226	28.1	22.6	33.8	
229	20.3	16.3	24.5	





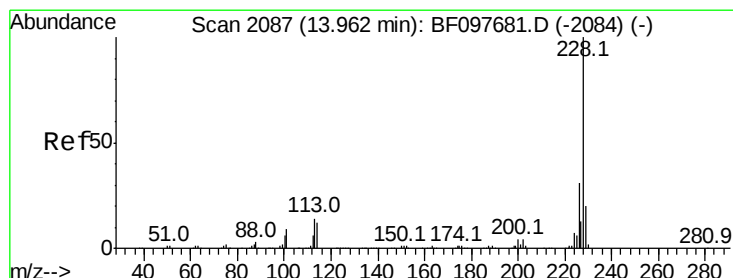
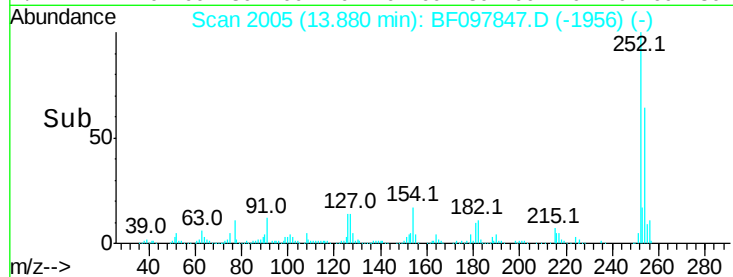
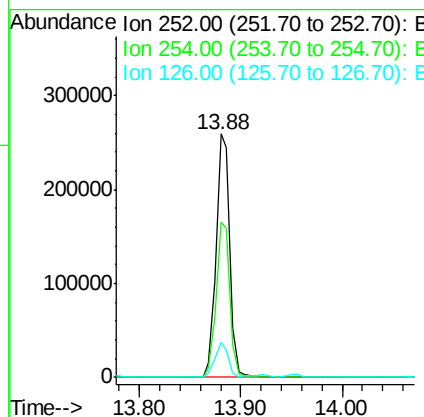
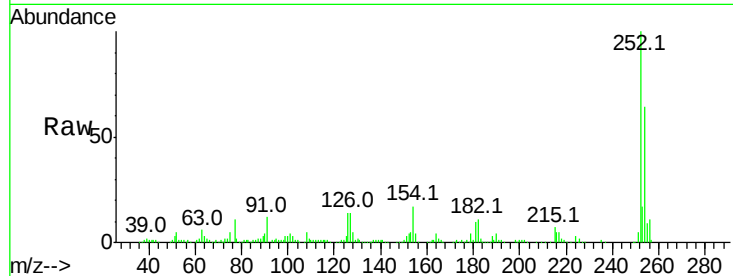
#81
 3,3'-Dichlorobenzidine
 Concen: 36.077 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	243441		
254	63.6	51.5	77.3	
126	14.2	15.8	23.8	

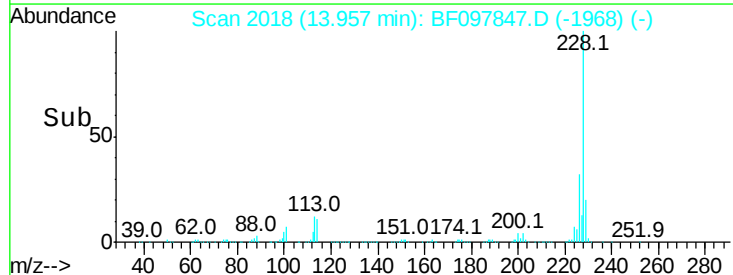
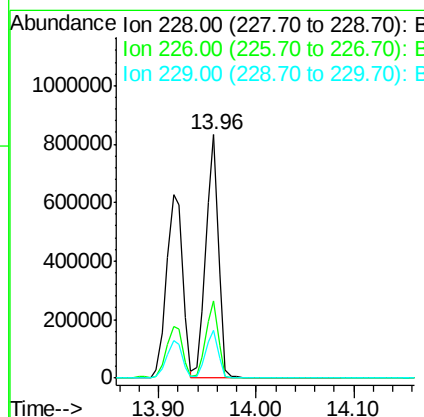
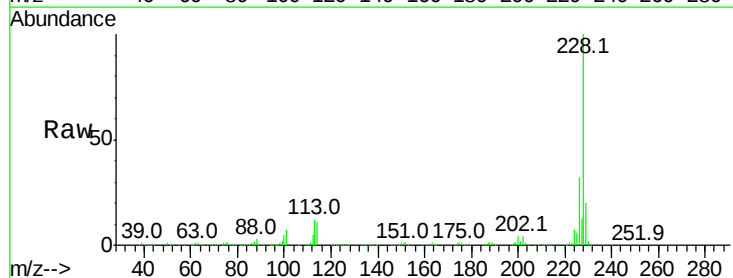
Manual Integrations
 APPROVED

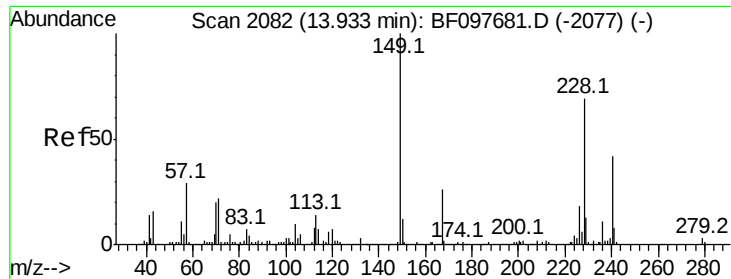
Sohil
 8/21/2017 6:18:39 AM



#82
 Chrysene
 Concen: 37.290 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	741786		
226	31.5	24.9	37.3	
229	19.7	15.8	23.6	





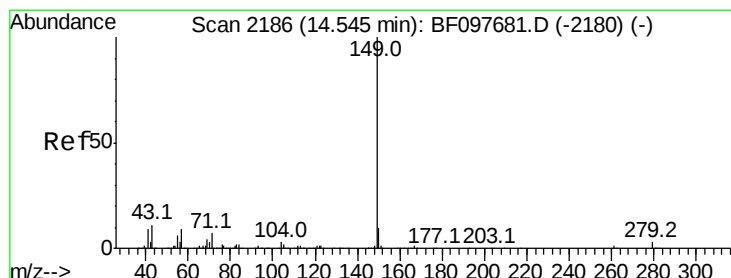
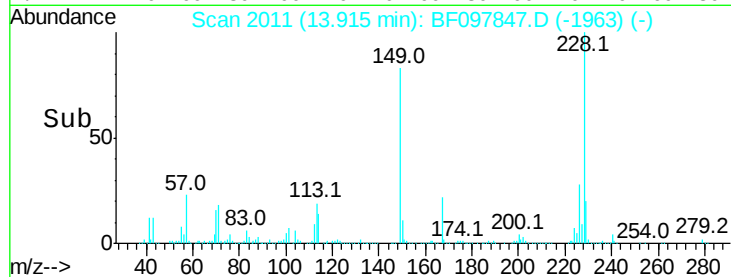
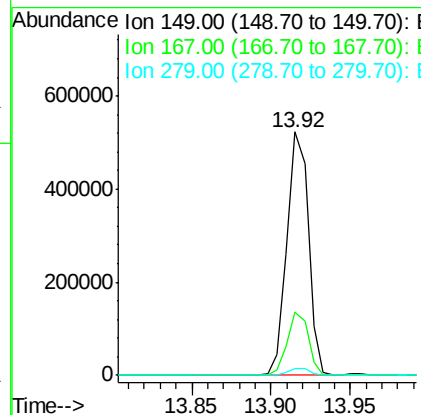
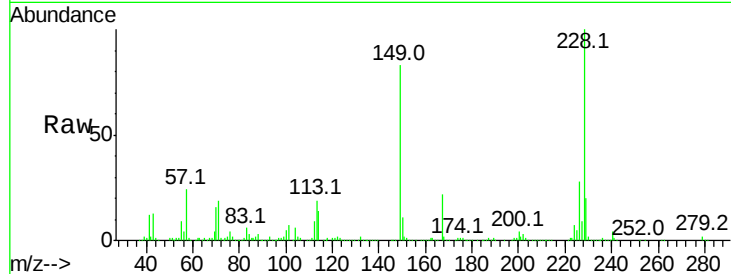
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.729 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	495380		
167	26.1	21.0	31.4	
279	2.9	1.9	2.9#	

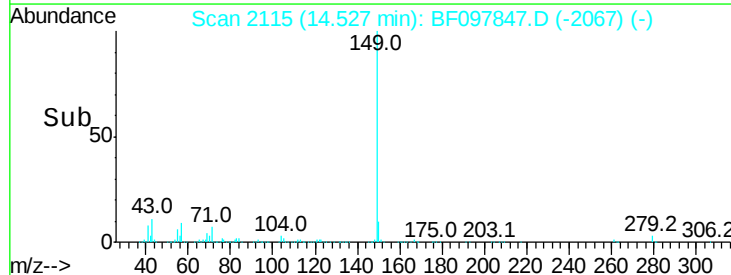
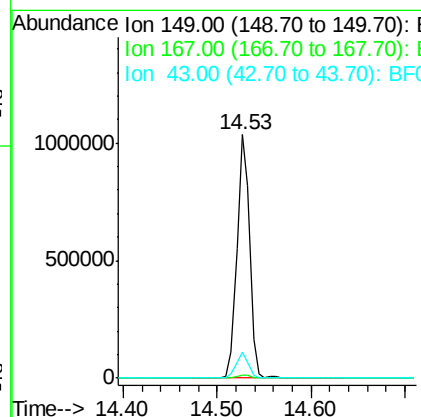
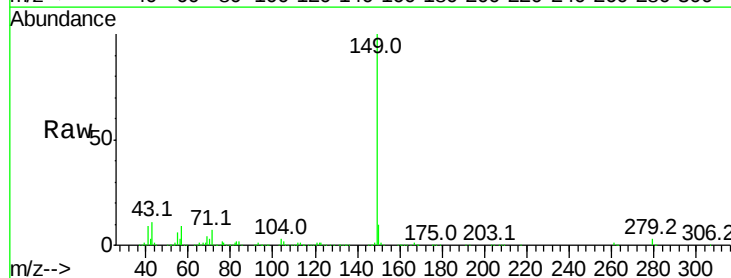
Manual Integrations
 APPROVED

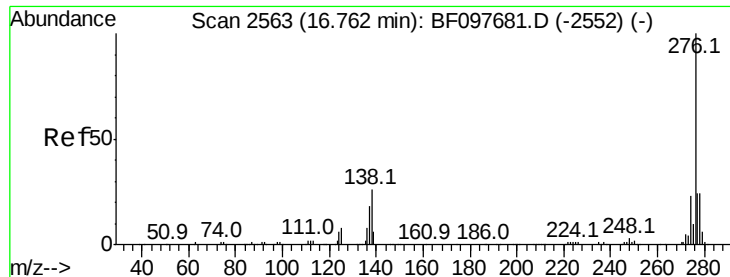
Sohil
 8/21/2017 6:18:39 AM



#84
 Di-n-octyl phthalate
 Concen: 47.800 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	964250		
167	1.5	1.2	1.8	
43	10.4	8.5	12.7	





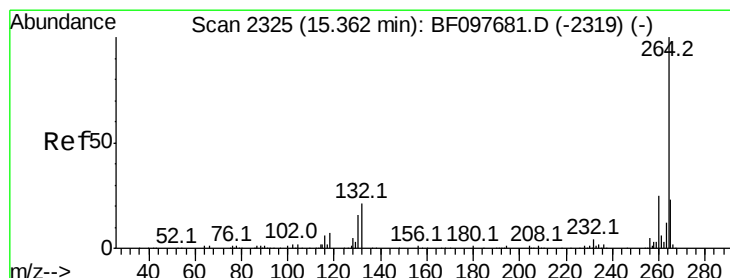
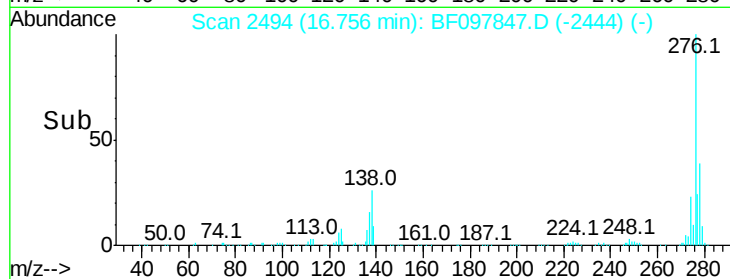
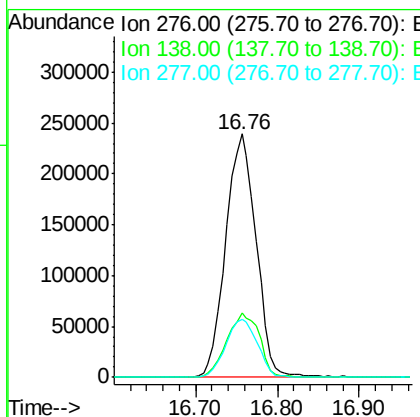
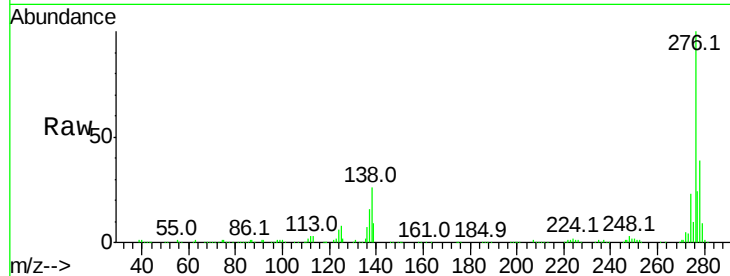
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.353 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	25.0	20.2	30.4

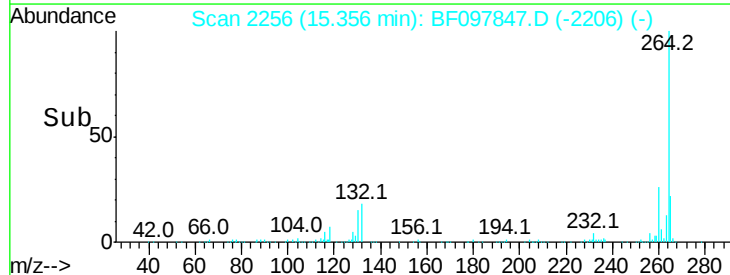
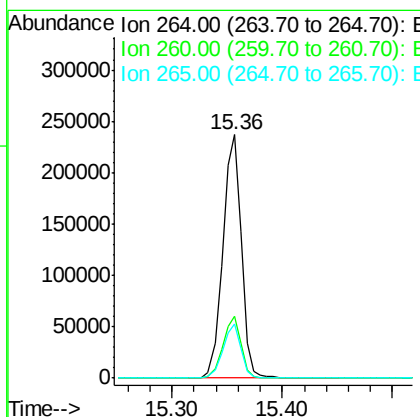
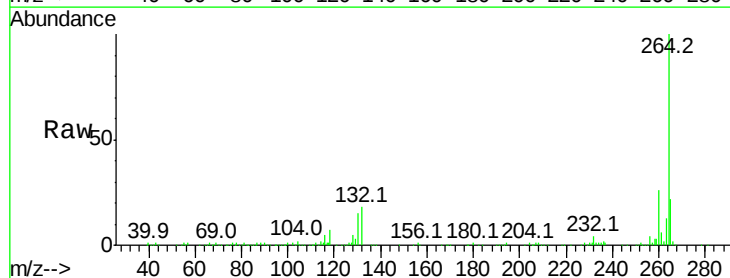
Manual Integrations
 APPROVED

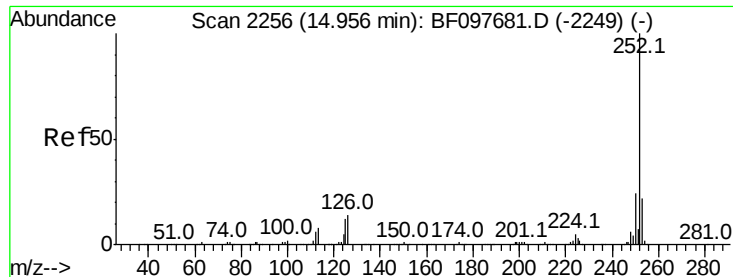
Sohil
 8/21/2017 6:18:39 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.299 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

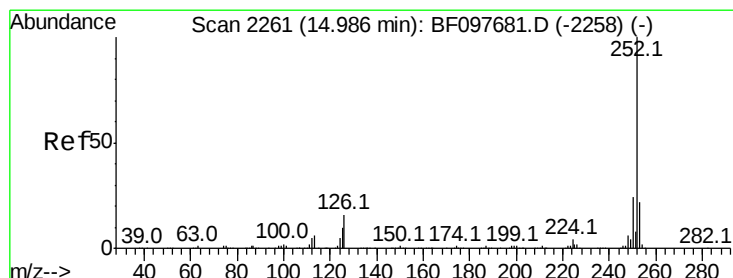
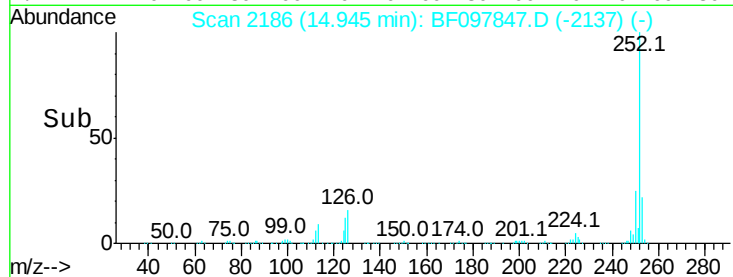
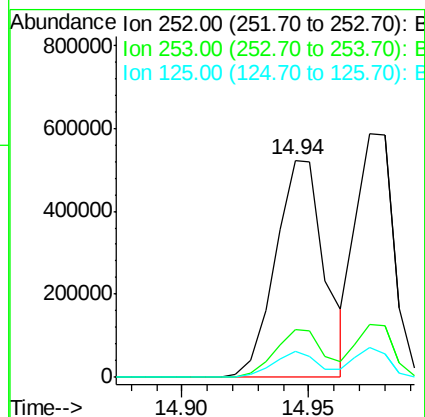
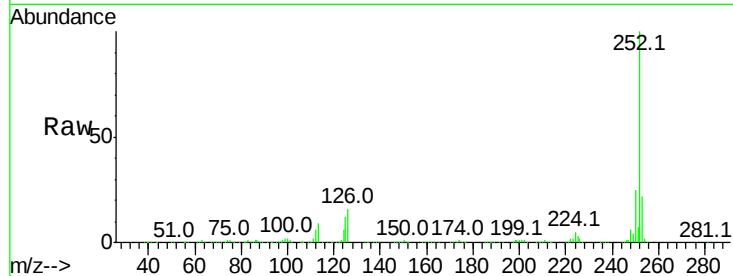
ClientSampleId :

E4-24MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	706086		
253	22.1	18.1	27.1	
125	12.1	9.8	14.8	

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#88

Benzo(k)fluoranthene

Concen: 37.820 ng

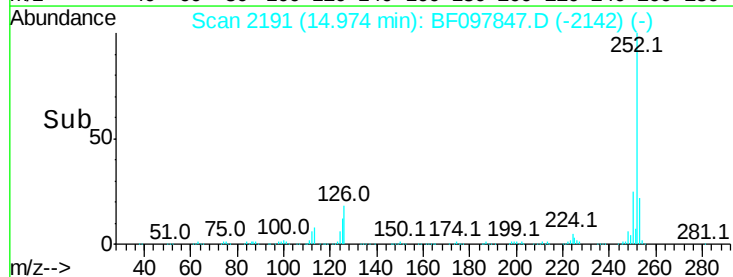
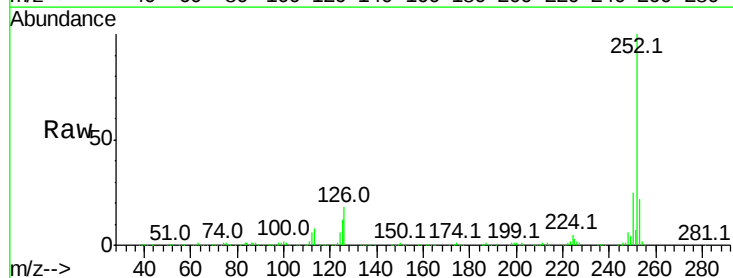
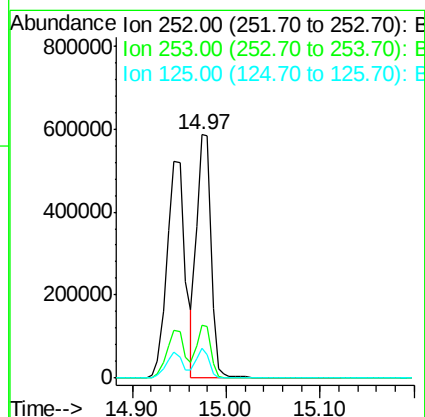
RT: 14.97 min Scan# 2191

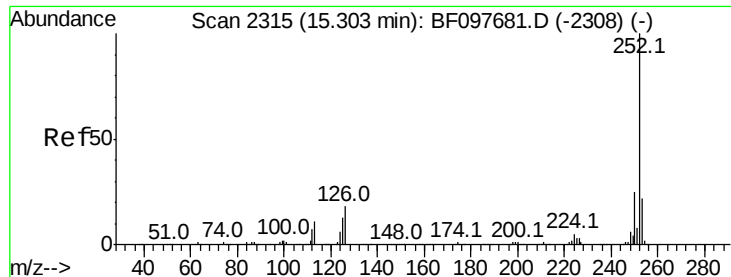
Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	622575		
253	22.0	18.4	27.6	
125	12.0	13.1	19.7	





#89

Benzo(a)pyrene

Concen: 40.891 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

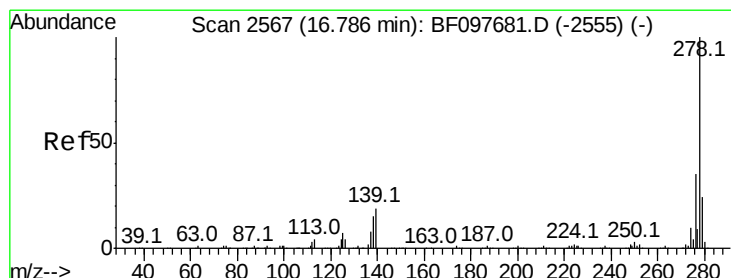
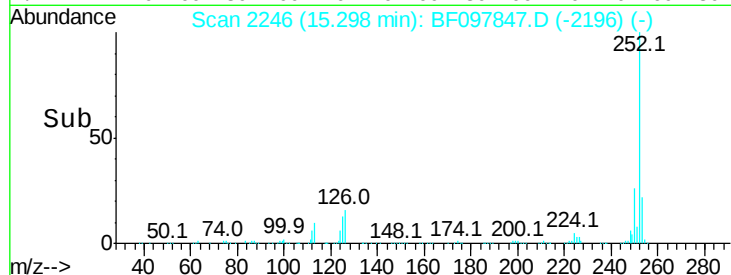
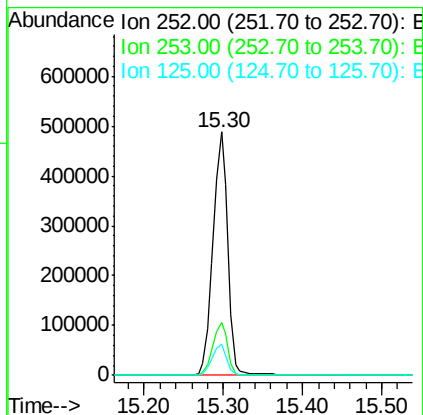
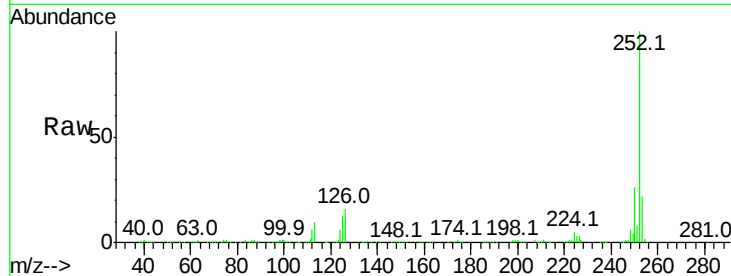
ClientSampleId :

E4-24MS

Tot Ion:	252	Resp:	634278
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	12.7	11.0	16.4

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:39 AM



#90

Dibenzo(a,h)anthracene

Concen: 40.351 ng

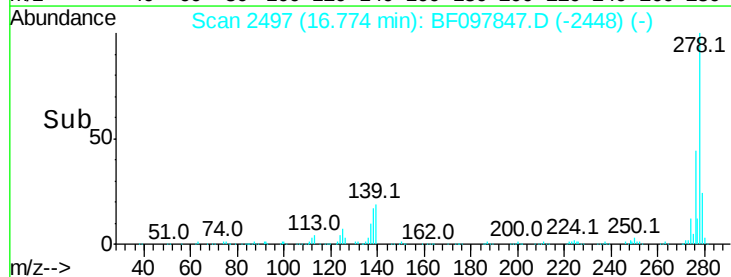
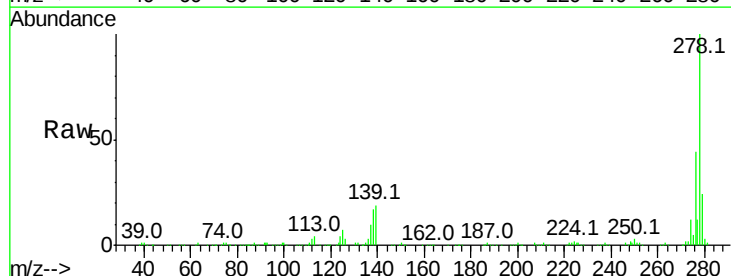
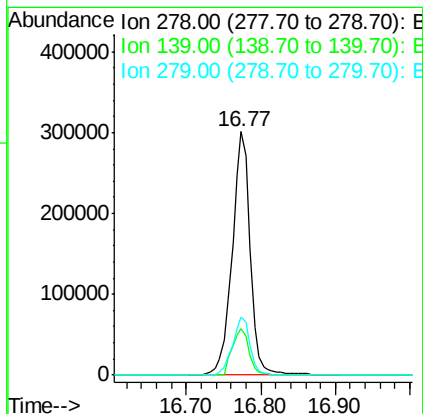
RT: 16.77 min Scan# 2497

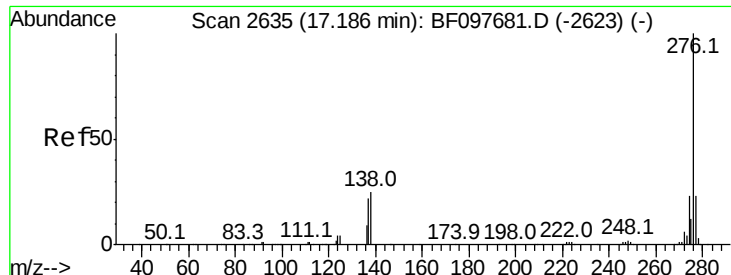
Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:	278	Resp:	509548
Ion Ratio	Lower	Upper	
278	100		
139	18.9	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.874 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	18.6	28.0
138	23.8	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:39 AM

