

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099314.D
 Acq On : 10 Oct 2017 21:51
 Operator : SJ/JU
 Sample : I5745-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:24:03 PM

Quant Time: Oct 11 01:41:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89961	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	358288	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	148280	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	218788	20.00	ng	0.00
75) Chrysene-d12	14.03	240	171723	20.00	ng	0.00
86) Perylene-d12	15.50	264	152319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	726739	128.60	ng	0.03
7) Phenol-d6	6.50	99	803581	115.27	ng	0.00
23) Nitrobenzene-d5	7.43	82	547817	98.05	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	160217	132.05	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1013643	114.12	ng	0.00
78) Terphenyl-d14	12.97	244	684785	90.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	101189	37.484	ng	# 80
3) Pyridine	3.56	79	192595	26.373	ng	95
4) n-Nitrosodimethylamine	3.49	42	110854	35.797	ng	# 79
6) Aniline	6.53	93	140339	14.916	ng	98
8) 2-Chlorophenol	6.66	128	278899	43.580	ng	94
9) Benzaldehyde	6.42	77	95327	23.573	ng	91
10) Phenol	6.52	94	296788	38.066	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	261255	43.103	ng	98
12) 1,3-Dichlorobenzene	6.81	146	298327	44.511	ng	96
13) 1,4-Dichlorobenzene	6.89	146	299117	43.864	ng	98
14) 1,2-Dichlorobenzene	7.04	146	279044	44.286	ng	97
15) Benzyl Alcohol	7.01	79	214264	41.896	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	365999	38.757	ng	94
17) 2-Methylphenol	7.12	107	226899	43.331	ng	96
18) Hexachloroethane	7.37	117	94847	38.696	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	177105	39.791	ng	96
20) 3+4-Methylphenols	7.27	107	269250	40.645	ng	# 70
22) Acetophenone	7.27	105	376738	43.400	ng	96
24) Nitrobenzene	7.45	77	274773	43.356	ng	96
25) Isophorone	7.69	82	498402	43.148	ng	98
26) 2-Nitrophenol	7.77	139	148984	48.885	ng	# 85
27) 2,4-Dimethylphenol	7.80	122	239788	41.663	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	326494	45.357	ng	99
29) 2,4-Dichlorophenol	8.01	162	229744	46.493	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	238134	48.183	ng	99
31) Naphthalene	8.17	128	797282	47.380	ng	99
32) Benzoic acid	7.92	122	94066	19.897	ng	95
33) 4-Chloroaniline	8.22	127	51642	7.349	ng	96
34) Hexachlorobutadiene	8.28	225	118249	46.452	ng	98
35) Caprolactam	8.60	113	59356m	37.446	ng	
36) 4-Chloro-3-methylphenol	8.70	107	228059	41.061	ng	95
37) 2-Methylnaphthalene	8.86	142	534560	48.866	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	215965	48.837	ng	98
40) Hexachlorocyclopentadiene	9.01	237	30704	15.193	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099314.D
 Acq On : 10 Oct 2017 21:51
 Operator : SJ/JU
 Sample : I5745-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

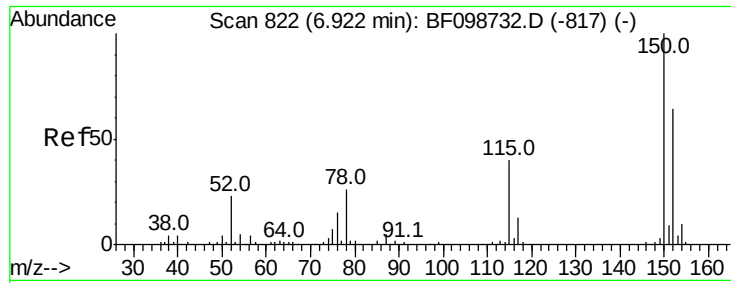
Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:24:03 PM

Quant Time: Oct 11 01:41:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	144998	46.284	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	151663	48.496	nq	94
45) 1,1'-Biphenyl	9.32	154	609078	47.794	nq	99
46) 2-Chloronaphthalene	9.35	162	474158	49.555	nq	97
47) 2-Nitroaniline	9.45	65	128133	43.734	nq	87
48) Acenaphthylene	9.77	152	685867	46.825	nq	99
49) Dimethylphthalate	9.62	163	548484	49.010	nq	100
50) 2,6-Dinitrotoluene	9.69	165	118565	48.663	nq #	79
51) Acenaphthene	9.94	154	401606	43.284	nq	99
52) 3-Nitroaniline	9.86	138	61055	21.492	nq	94
53) 2,4-Dinitrophenol	9.97	184	22556	22.314	nq	93
54) Dibenzofuran	10.11	168	595453	48.200	nq	99
55) 4-Nitrophenol	10.03	139	147577	61.435	nq	85
56) 2,4-Dinitrotoluene	10.10	165	140385	44.397	nq #	87
57) Fluorene	10.45	166	451148	45.435	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	101734	47.092	nq	95
59) Diethylphthalate	10.32	149	501308	45.842	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	209349	46.935	nq	97
61) 4-Nitroaniline	10.47	138	109757	40.046	nq	87
62) Azobenzene	10.60	77	427114	42.478	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	19793	14.869	nq	84
65) n-Nitrosodiphenylamine	10.56	169	405462	53.495	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	114632	53.527	nq	99
67) Hexachlorobenzene	11.00	284	111170	48.603	nq	97
68) Atrazine	11.09	200	117116	51.357	nq	98
69) Pentachlorophenol	11.20	266	103677	72.831	nq	99
70) Phenanthrene	11.42	178	575965	49.181	nq	98
71) Anthracene	11.47	178	587177	49.002	nq	99
72) Carbazole	11.62	167	538472	45.889	nq	99
73) Di-n-butylphthalate	11.94	149	663075	46.946	nq	99
74) Fluoranthene	12.60	202	562626	47.444	nq	98
76) Benzidine	12.72	184	194831	30.675	nq	98
77) Pyrene	12.83	202	584816	44.661	nq	98
79) Butylbenzylphthalate	13.44	149	257026	41.765	nq	95
80) Benzo(a)anthracene	14.02	228	507061	48.764	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	151795	39.822	nq	97
82) Chrysene	14.06	228	477133	48.197	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	348853	41.168	nq #	99
84) Di-n-octyl phthalate	14.60	149	630970	46.243	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	386583	48.817	nq	97
87) Benzo(b)fluoranthene	15.07	252	454874	48.571	nq	97
88) Benzo(k)fluoranthene	15.10	252	459958	49.725	nq	99
89) Benzo(a)pyrene	15.44	252	426348	49.595	nq #	97
90) Dibenzo(a,h)anthracene	17.01	278	324626	47.185	nq	99
91) Benzo(g,h,i)perylene	17.45	276	312765	45.991	nq	97

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



#1

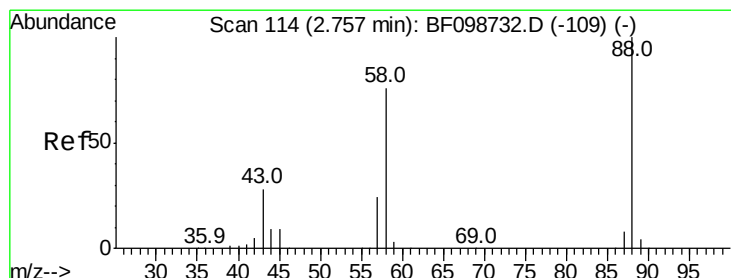
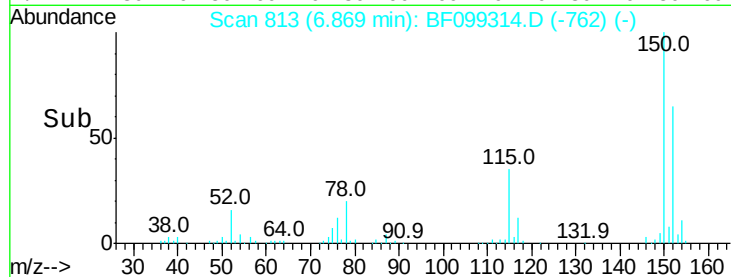
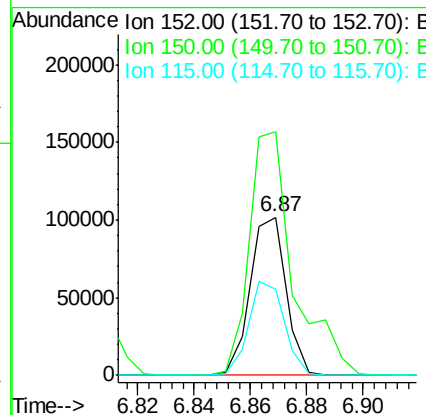
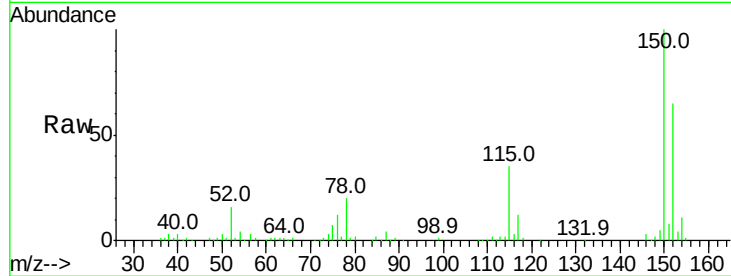
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	54.7	50.1	75.1

Manual Integrations
APPROVED

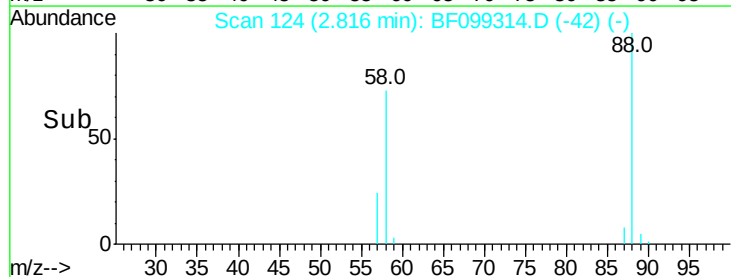
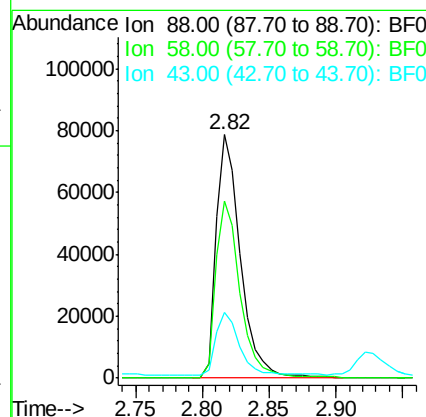
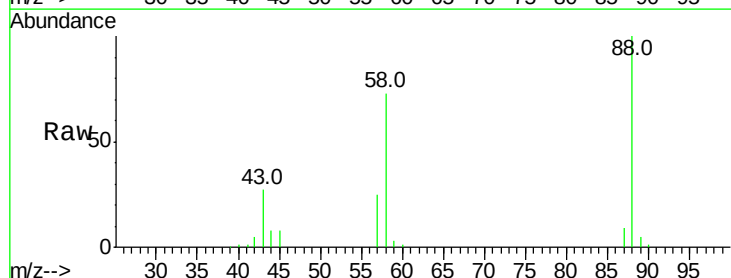
Sohil
10/11/2017 7:24:03 PM

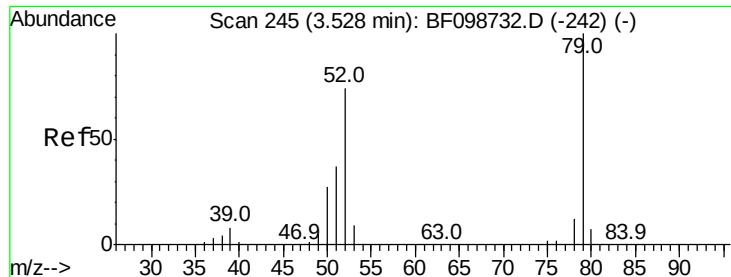


#2

1,4-Dioxane
Concen: 37.484 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.18 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	62.6	93.8
43	0.0	24.6	37.0





#3

Pvridine

Concen: 26.373 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.15 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

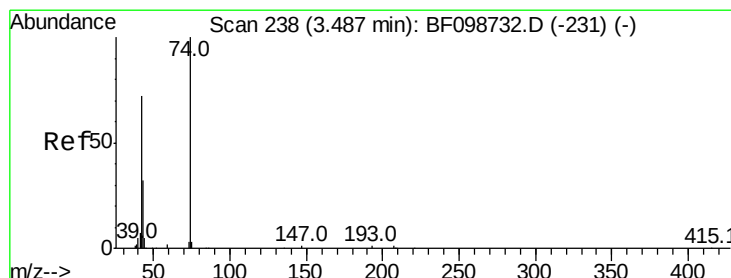
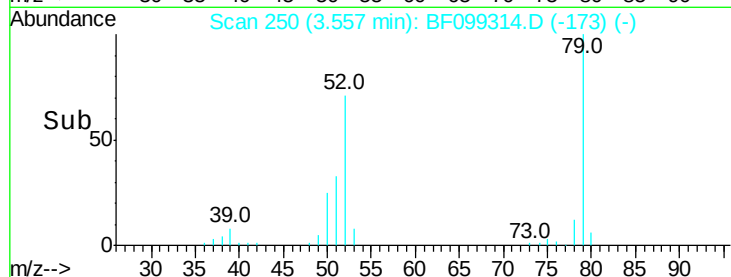
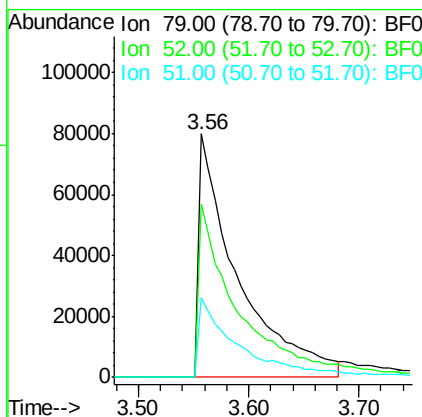
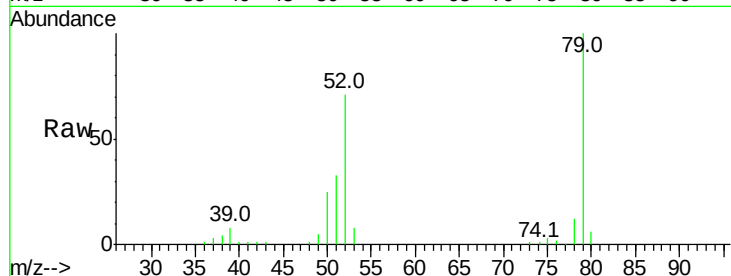
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	79	Resp:	192595
Ion Ratio	Lower	Upper	
79	100		
52	71.3	59.8	89.6
51	32.8	29.8	44.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#4

n-Nitrosodimethylamine

Concen: 35.797 ng

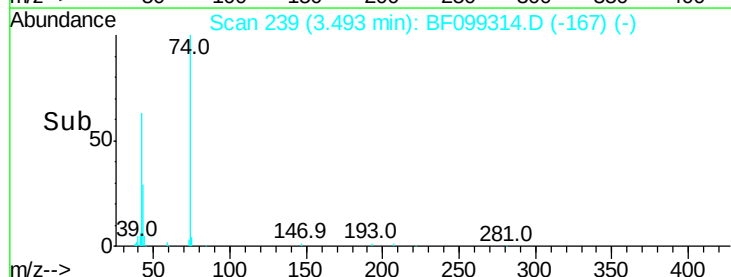
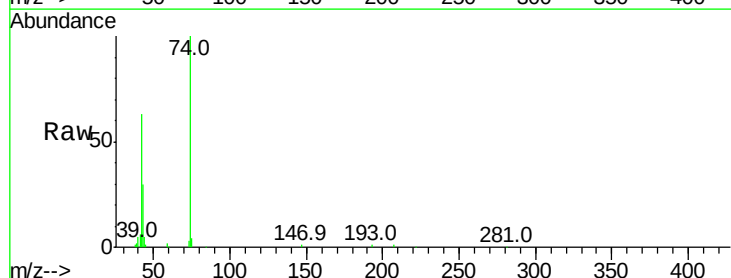
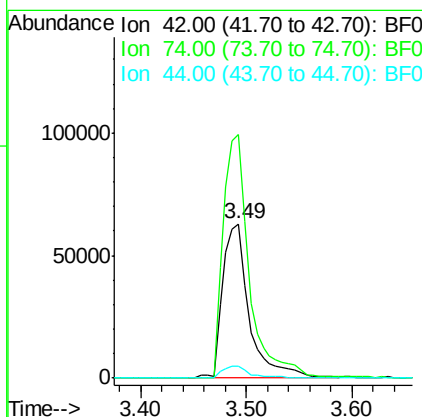
RT: 3.49 min Scan# 239

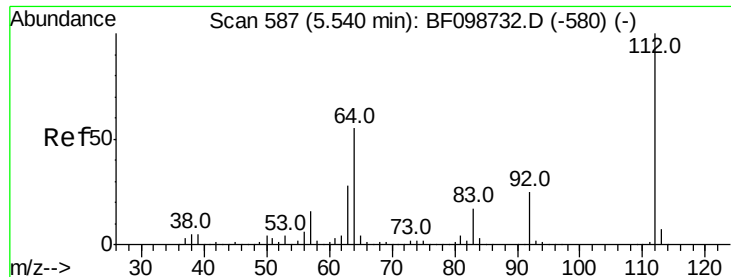
Delta R.T. 0.12 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	42	Resp:	110854
Ion Ratio	Lower	Upper	
42	100		
74	157.5	104.9	157.3#
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 128.600 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.03 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

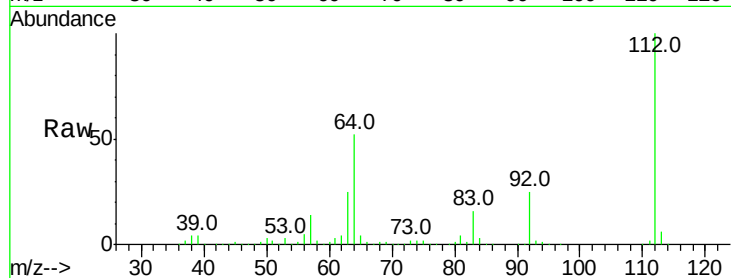
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	112	Resp:	726739
Ion Ratio	Lower	Upper	
112	100		
64	52.1	47.9	71.9
63	25.1	23.7	35.5

Manual Integrations
APPROVED

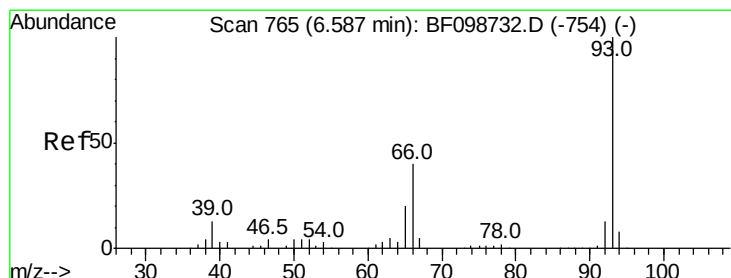
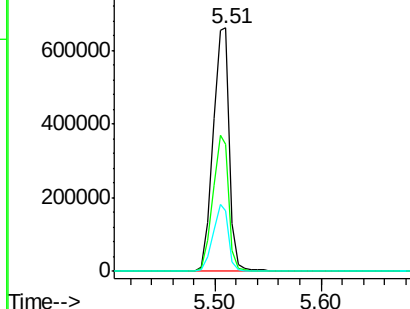
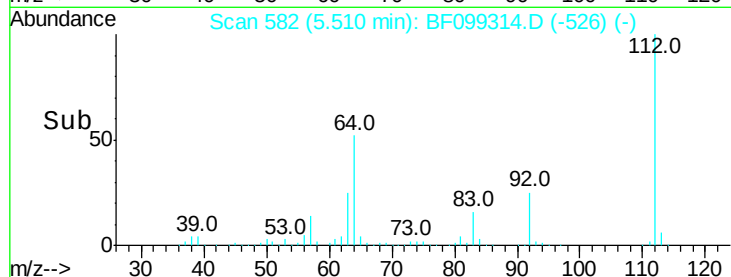
Sohil
10/11/2017 7:24:03 PM



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.916 ng

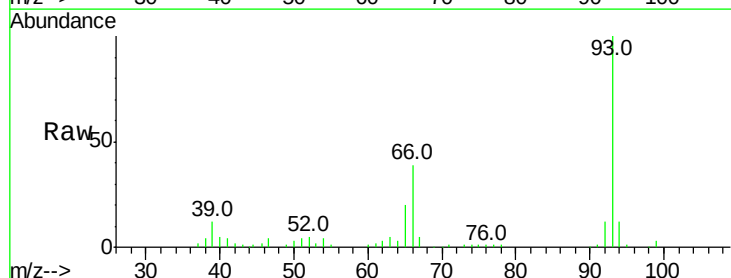
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

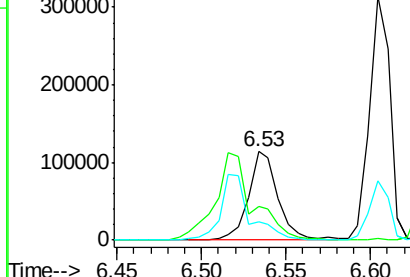
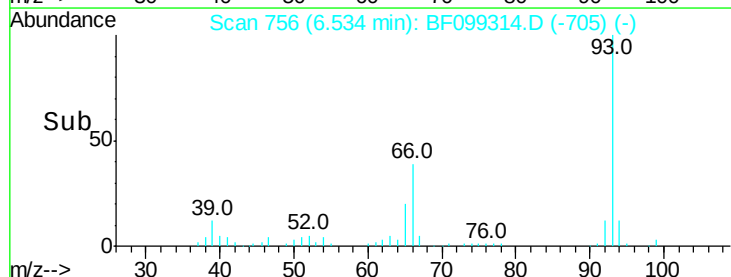
Tgt Ion:	93	Resp:	140339
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.2	48.2
65	20.3	16.4	24.6

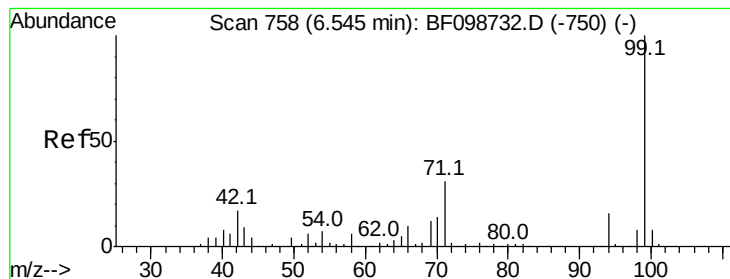


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.269 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

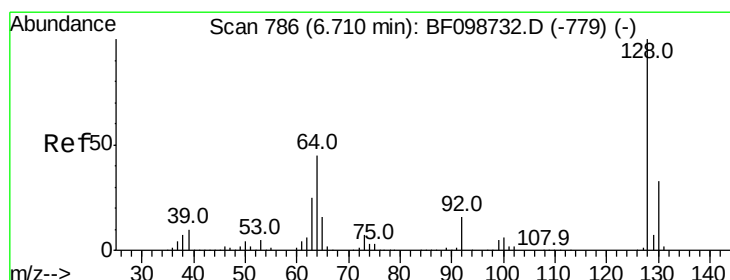
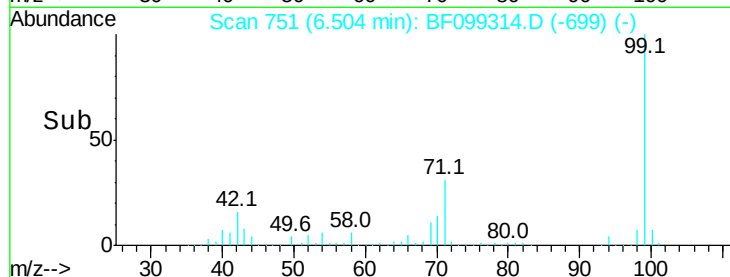
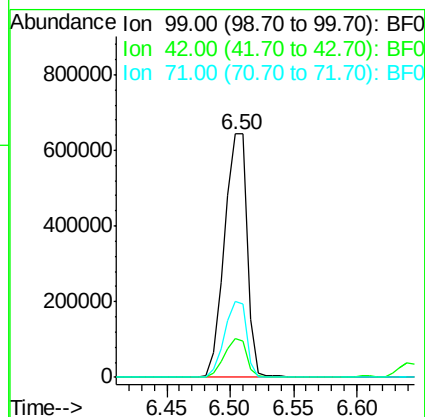
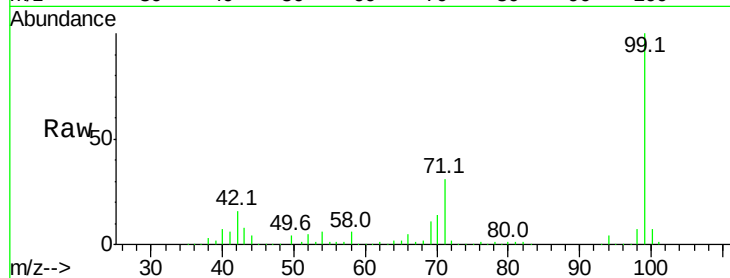
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	99	Resp:	803581
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	31.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#8

2-Chlorophenol

Concen: 43.580 ng

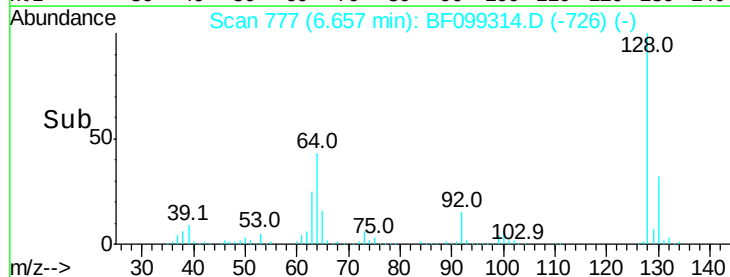
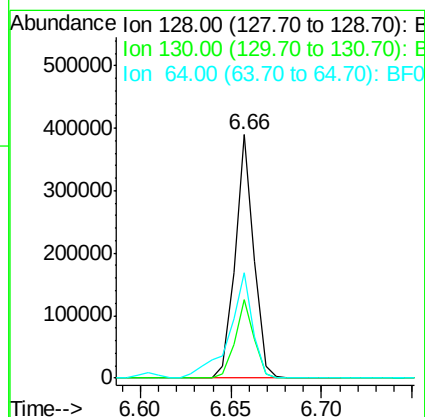
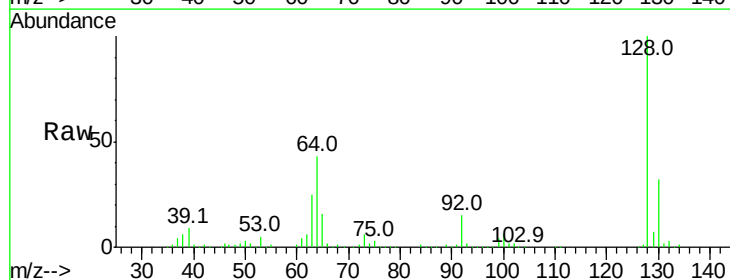
RT: 6.66 min Scan# 777

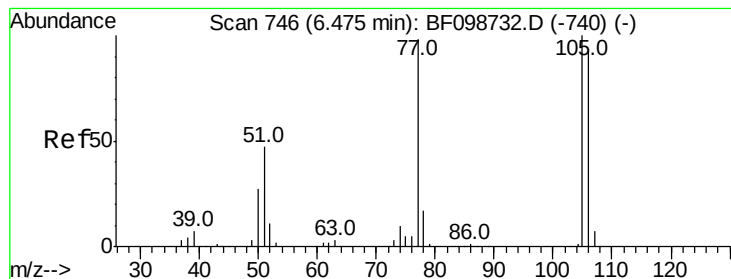
Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	128	Resp:	278899
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	43.5	29.4	69.4





#9

Benzaldehyde

Concen: 23.573 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

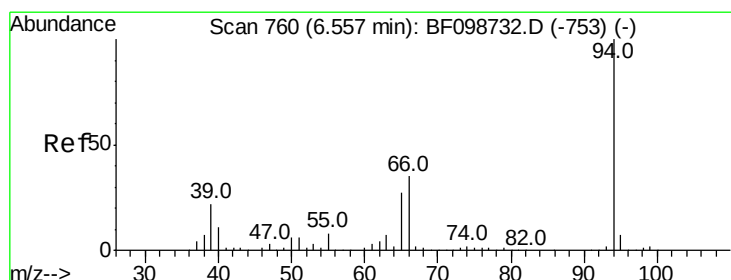
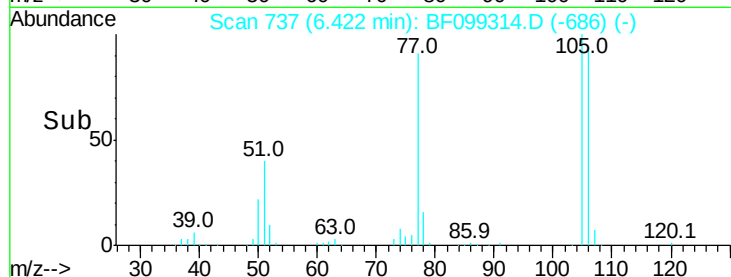
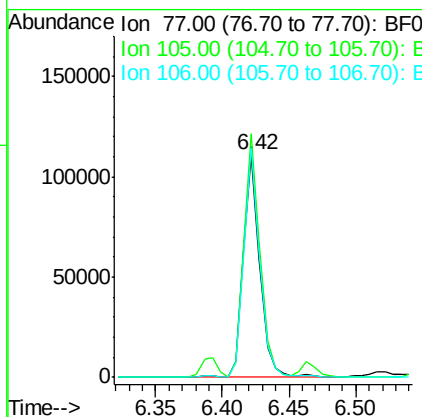
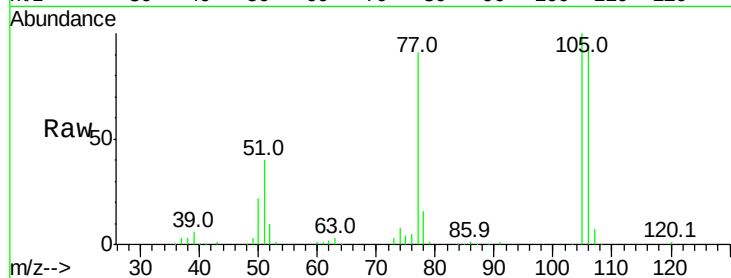
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	77	Resp:	95327
Ion	Ratio	Lower	Upper
77	100		
105	109.5	81.1	121.1
106	103.0	74.5	114.5

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#10

Phenol

Concen: 38.066 ng

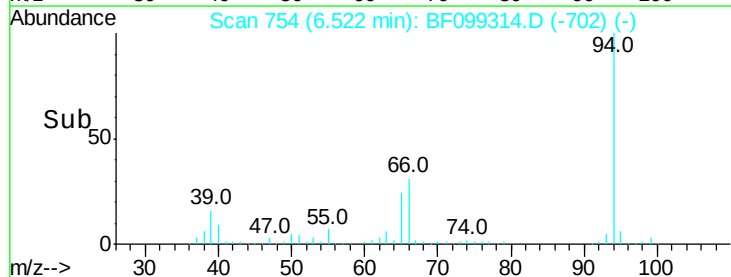
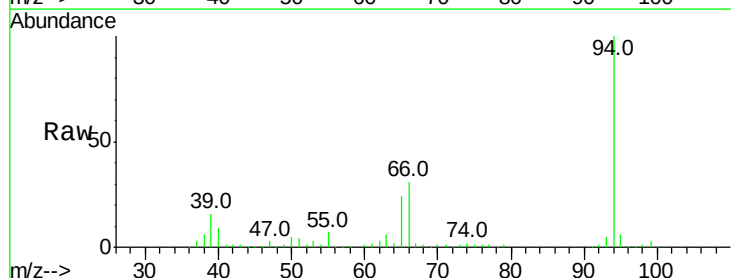
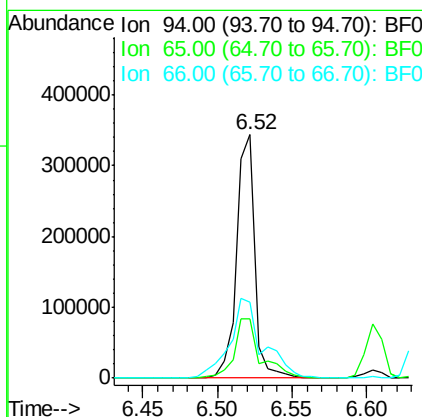
RT: 6.52 min Scan# 754

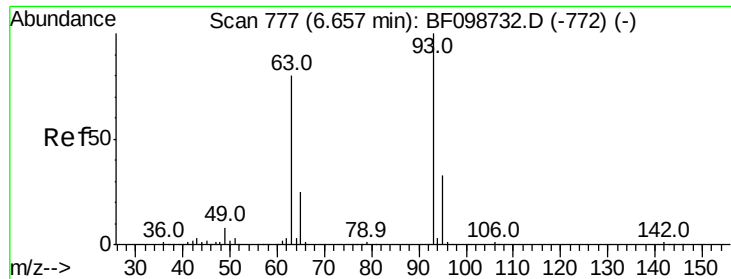
Delta R.T. 0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	94	Resp:	296788
Ion	Ratio	Lower	Upper
94	100		
65	24.1	7.9	47.9
66	31.3	16.2	56.2





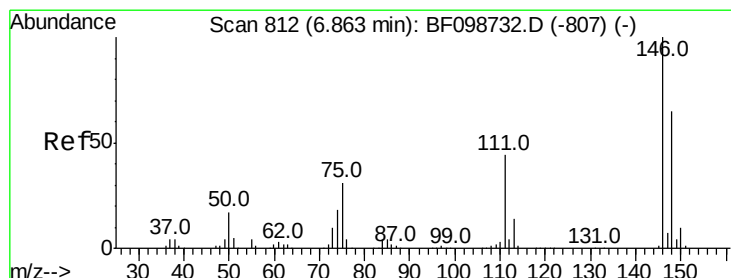
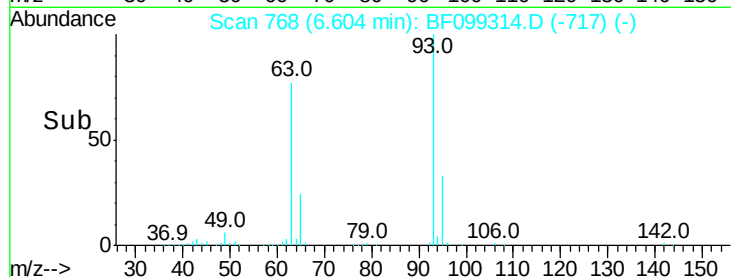
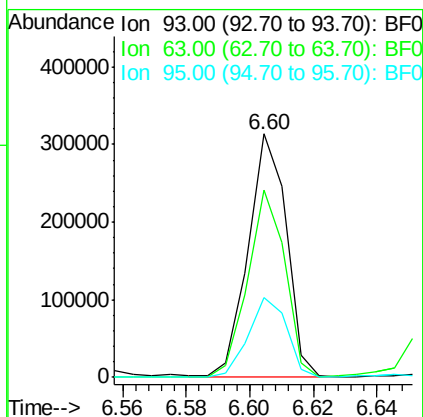
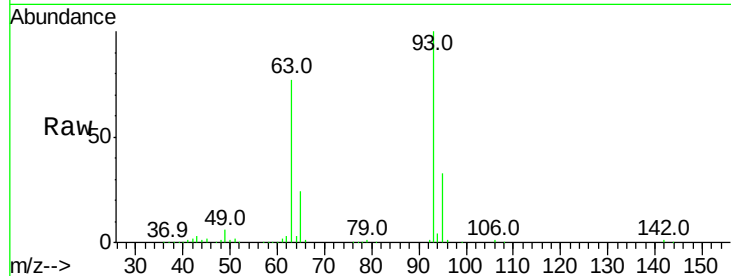
#11
bis(2-Chloroethyl)ether
Concen: 43.103 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	261255		
63	76.8		58.6	98.6
95	32.7		11.8	51.8

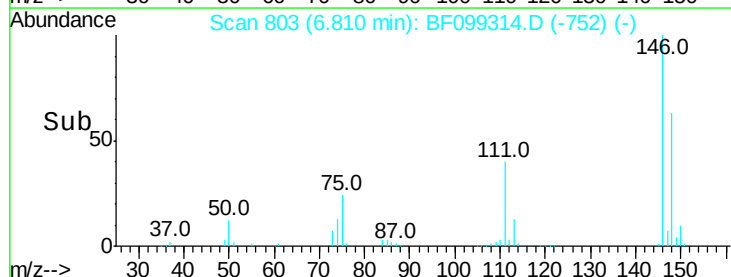
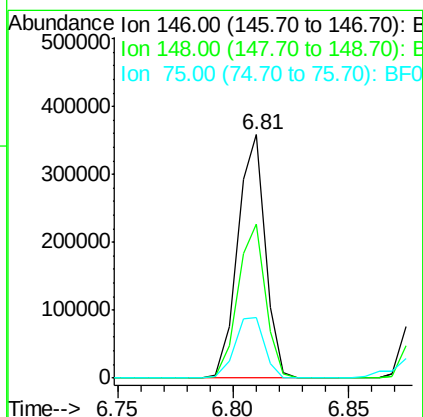
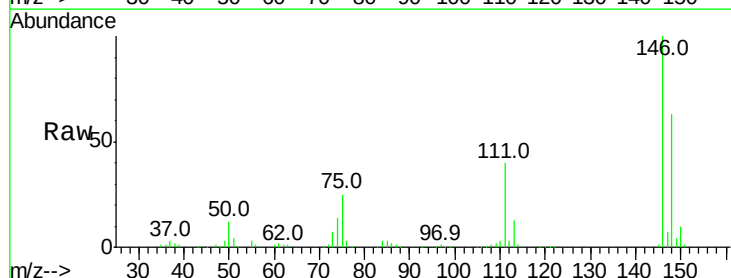
Manual Integrations
APPROVED

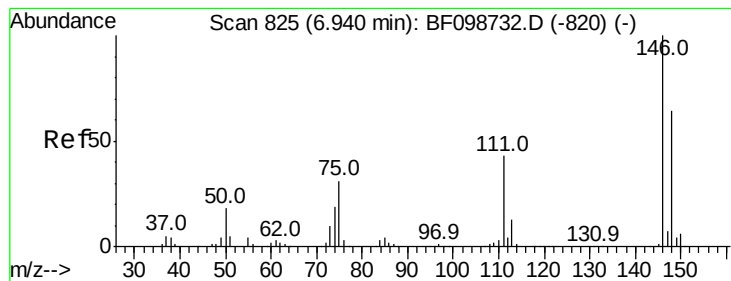
Sohil
10/11/2017 7:24:03 PM



#12
1,3-Dichlorobenzene
Concen: 44.511 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298327		
148	63.5		51.8	77.8
75	24.8		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.864 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

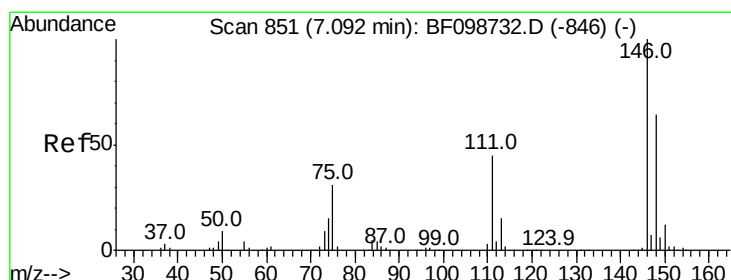
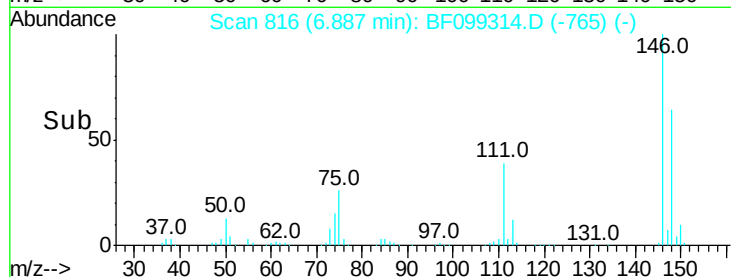
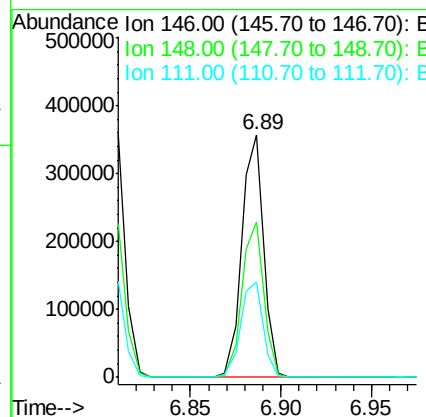
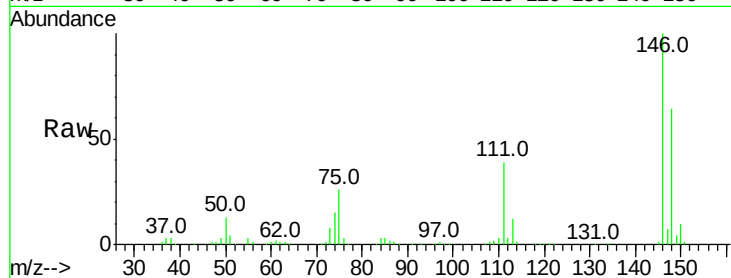
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	146	Resp:	299117
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	39.3	34.2	51.2

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#14

1,2-Dichlorobenzene

Concen: 44.286 ng

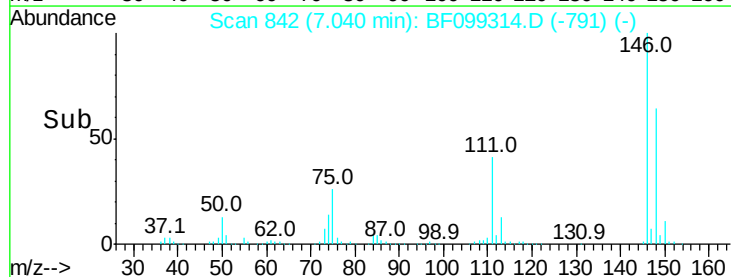
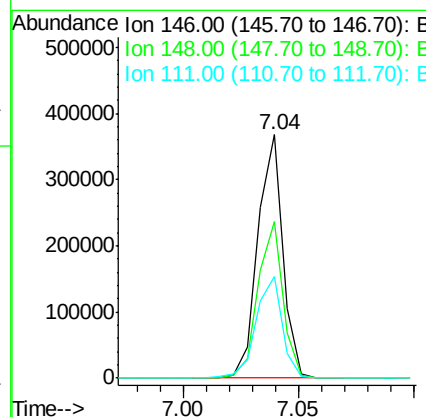
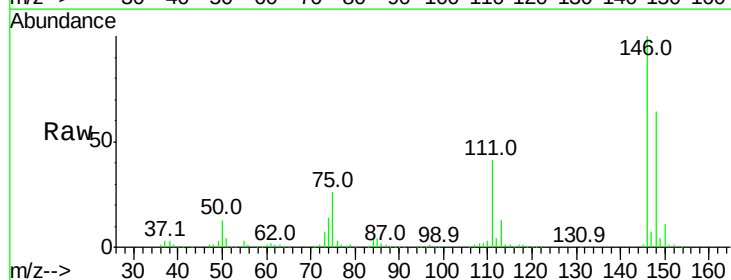
RT: 7.04 min Scan# 842

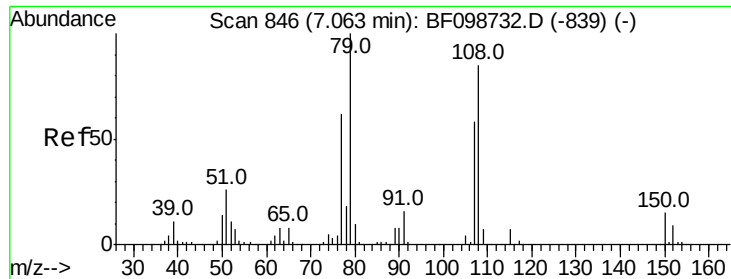
Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	146	Resp:	279044
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	41.5	36.0	54.0





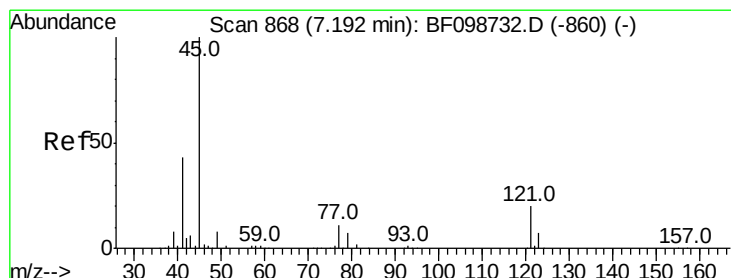
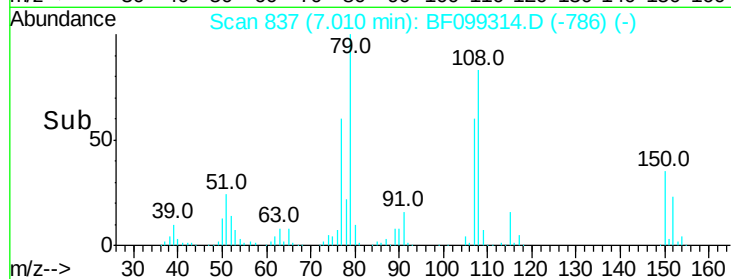
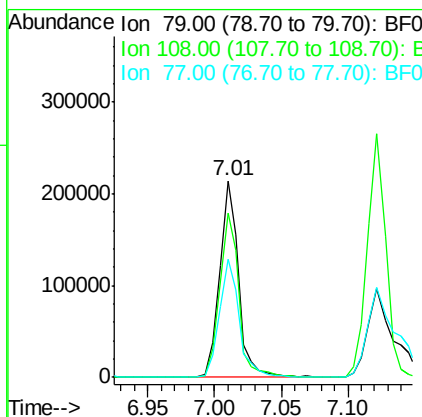
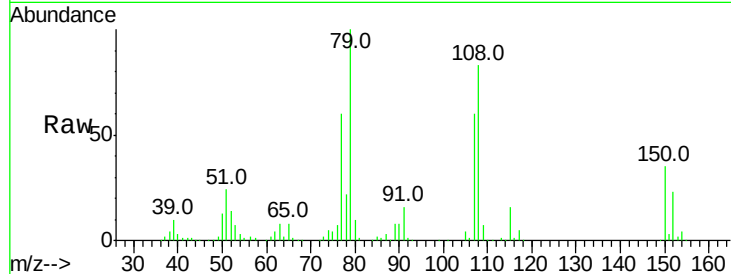
#15
Benzyl Alcohol
Concen: 41.896 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion: 79 Resp: 214264
Ion Ratio Lower Upper
79 100
108 83.2 65.1 97.7
77 60.1 50.6 75.8

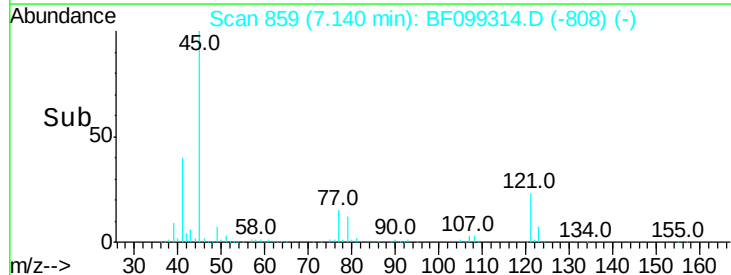
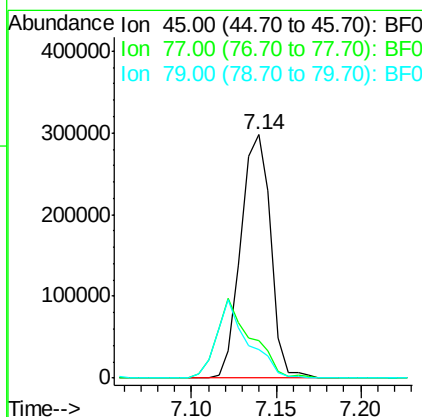
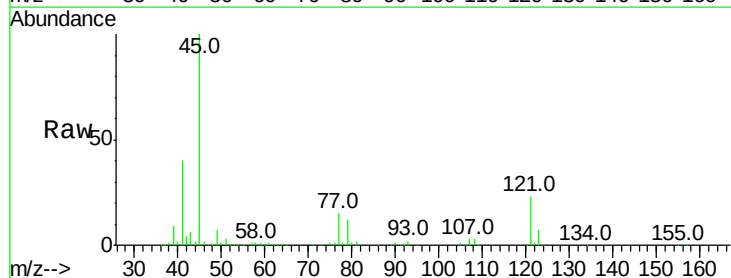
Manual Integrations
APPROVED

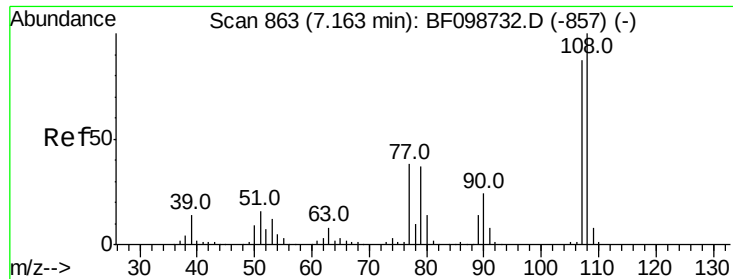
Sohil
10/11/2017 7:24:03 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.757 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion: 45 Resp: 365999
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.9
79 11.9 0.0 29.6





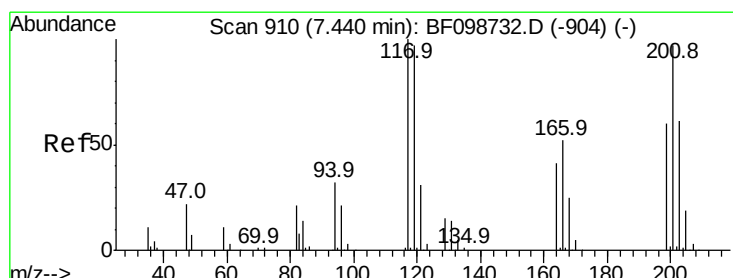
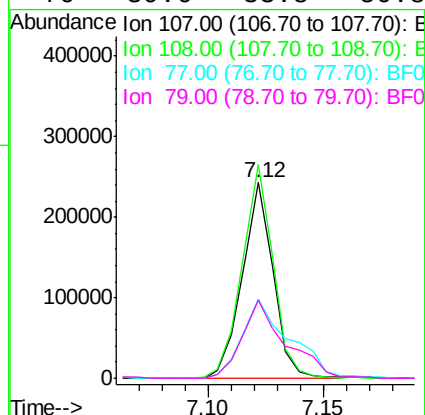
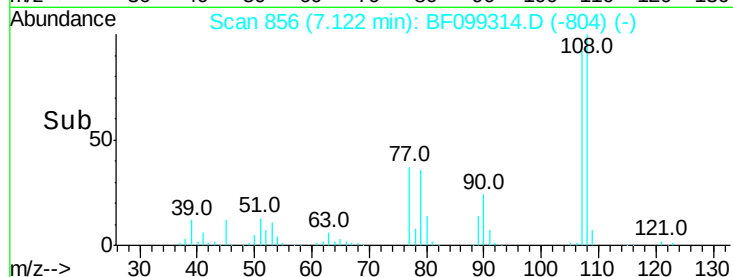
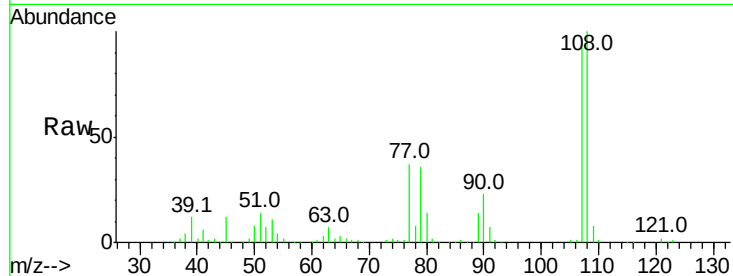
#17
2-Methylphenol
Concen: 43.331 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	91.7	137.5	
77	40.4	33.8	50.8	
79	39.6	33.8	50.8	

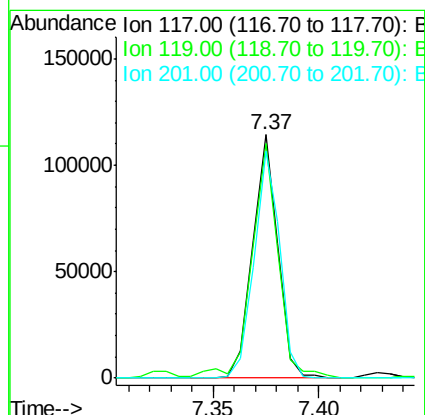
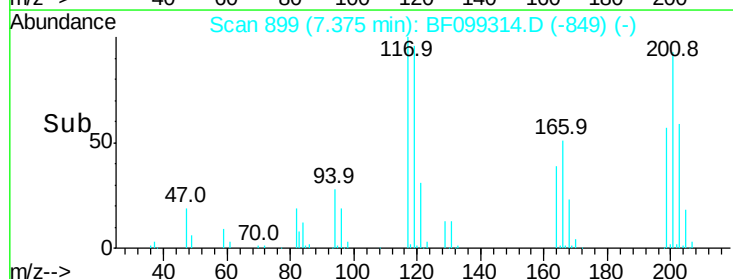
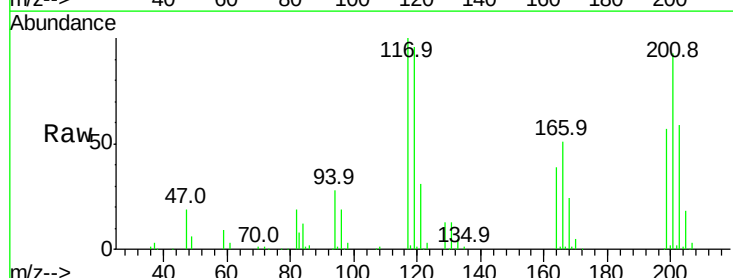
Manual Integrations
APPROVED

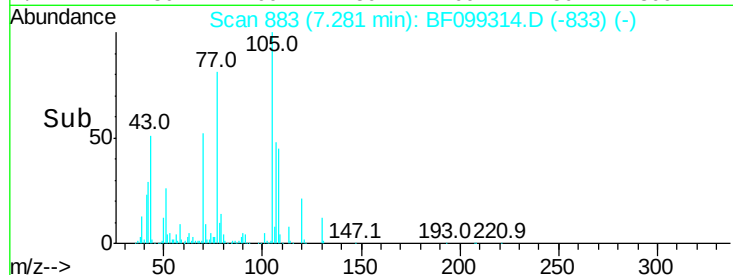
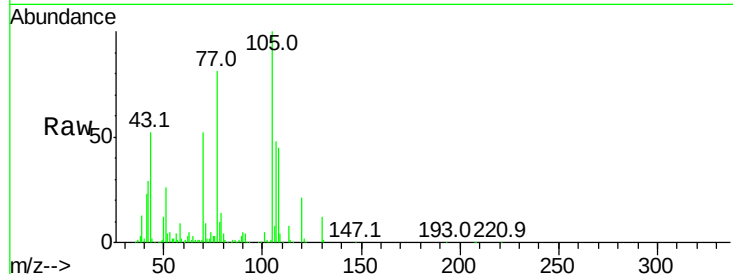
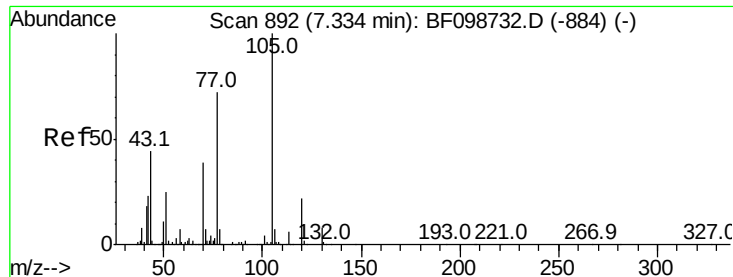
Sohil
10/11/2017 7:24:03 PM



#18
Hexachloroethane
Concen: 38.696 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	93.2	75.7	113.5	





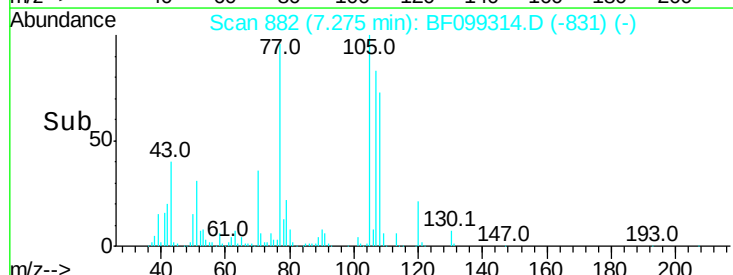
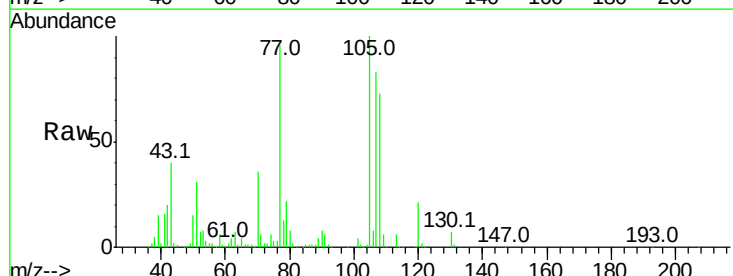
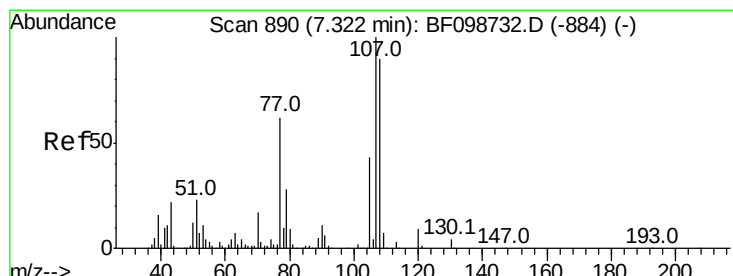
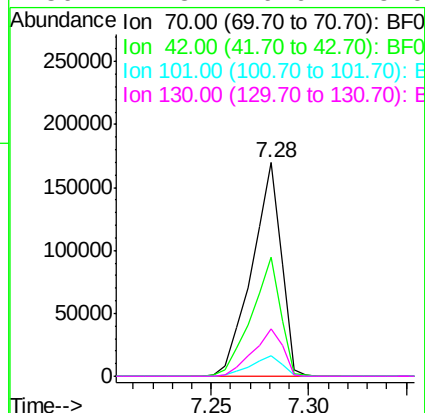
#19
n-Nitroso-di-n-propylamine
Concen: 39.791 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	70	Resp	177105
Ion Ratio	Lower	Upper	
70	100		
42	55.5	47.5	71.3
101	9.9	7.4	11.2
130	22.3	16.6	25.0

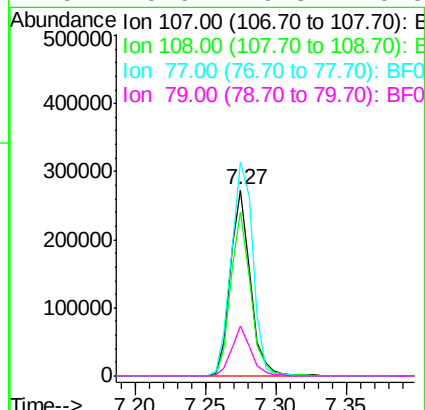
Manual Integrations
APPROVED

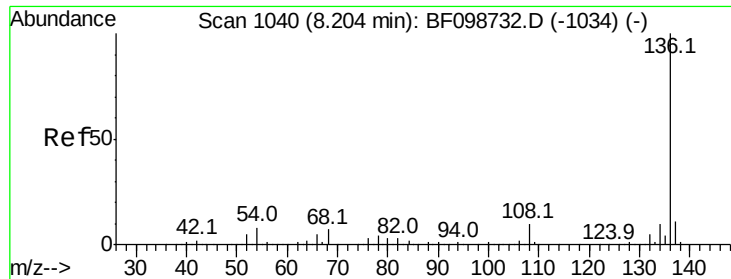
Sohil
10/11/2017 7:24:03 PM



#20
3+4-Methylphenols
Concen: 40.645 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	107	Resp	269250
Ion Ratio	Lower	Upper	
107	100		
108	88.1	68.2	108.2
77	114.9	26.7	66.7#
79	26.6	6.3	46.3





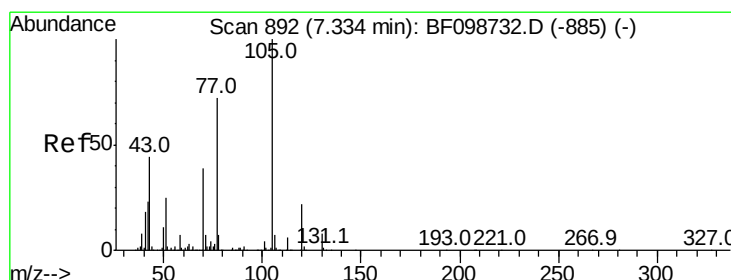
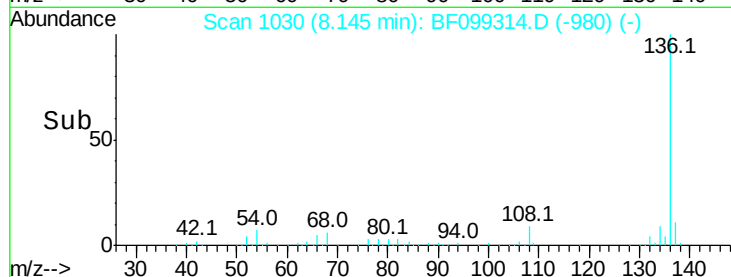
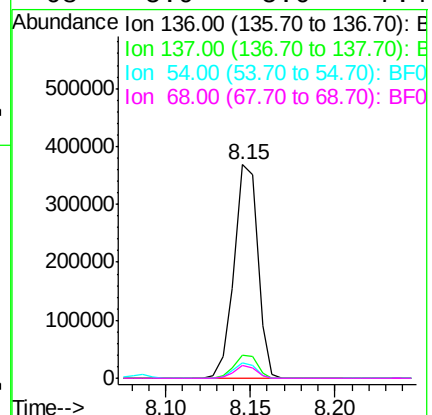
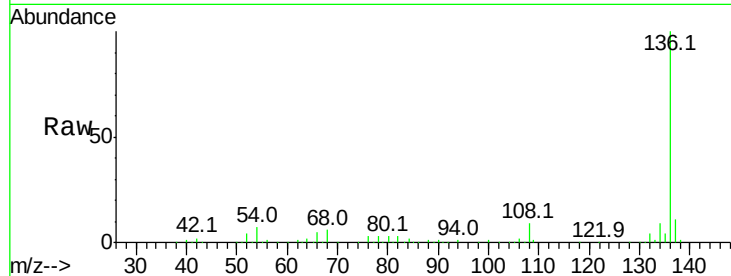
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	

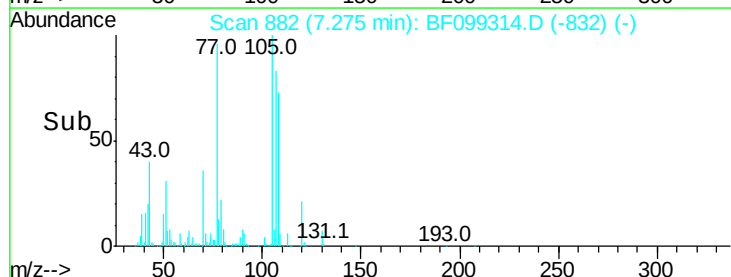
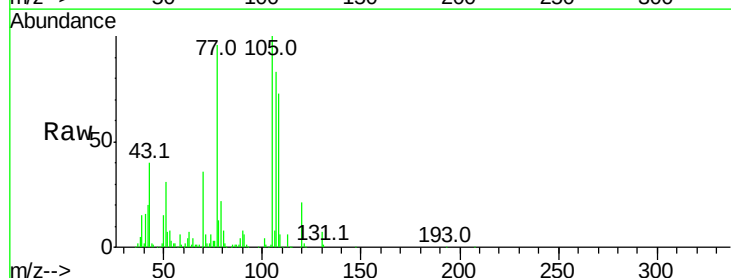
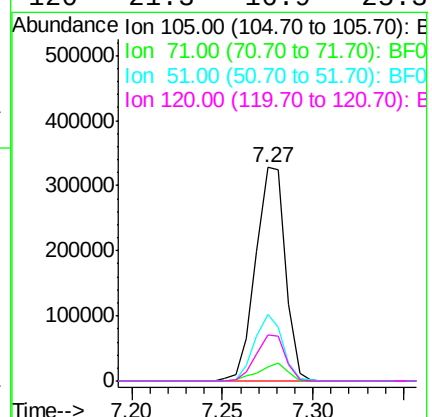
Manual Integrations
APPROVED

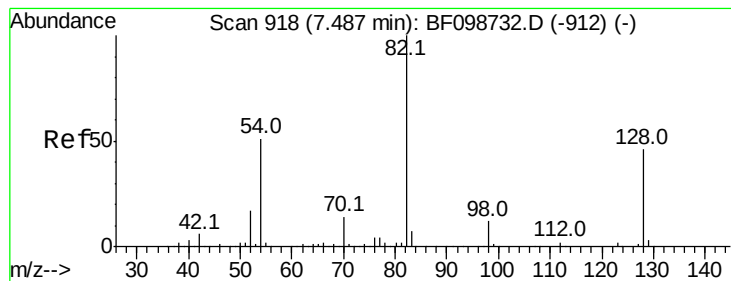
Sohil
10/11/2017 7:24:03 PM



#22
Acetophenone
Concen: 43.400 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	4.4	6.6	
51	31.1	22.3	33.5	
120	21.3	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 98.054 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

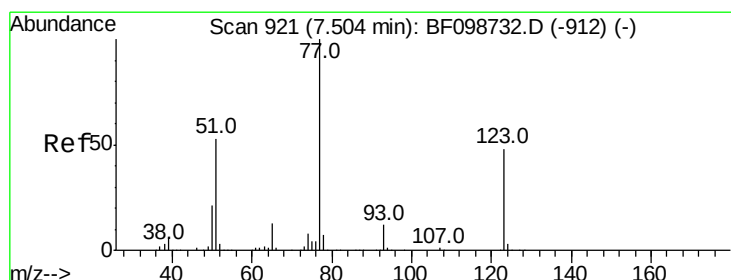
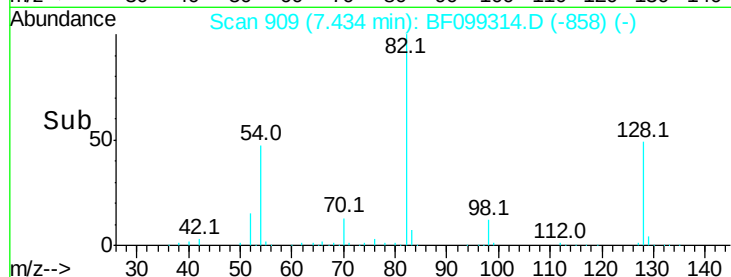
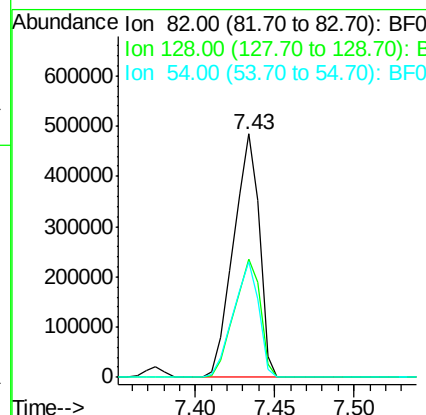
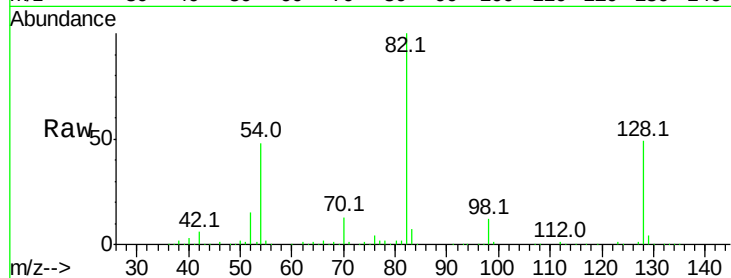
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	82	Resp:	547817
Ion Ratio	Lower	Upper	
82	100		
128	48.8	36.1	54.1
54	47.7	41.4	62.2

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#24

Nitrobenzene

Concen: 43.356 ng

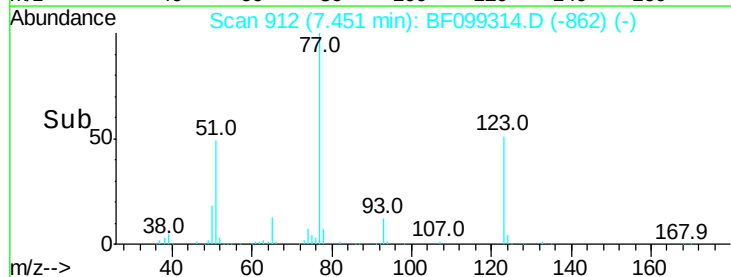
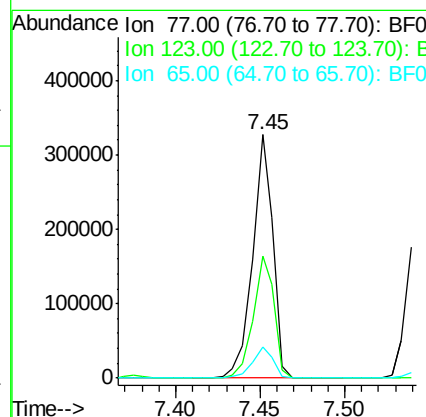
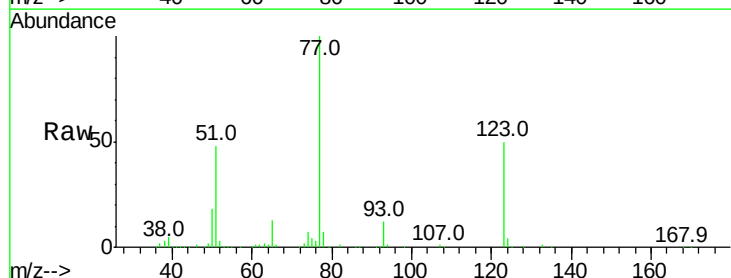
RT: 7.45 min Scan# 912

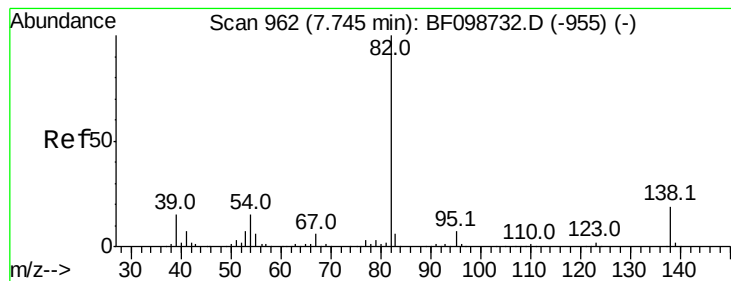
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	77	Resp:	274773
Ion Ratio	Lower	Upper	
77	100		
123	50.3	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 43.148 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

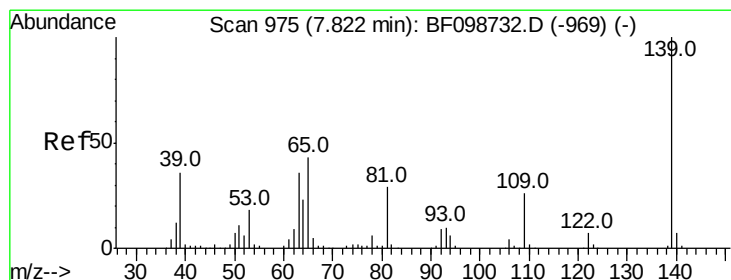
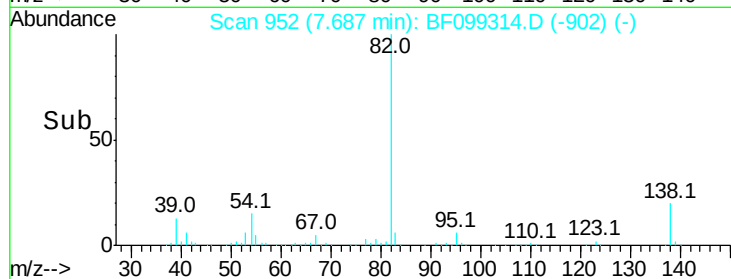
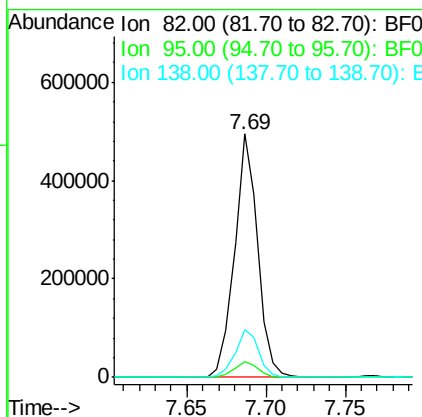
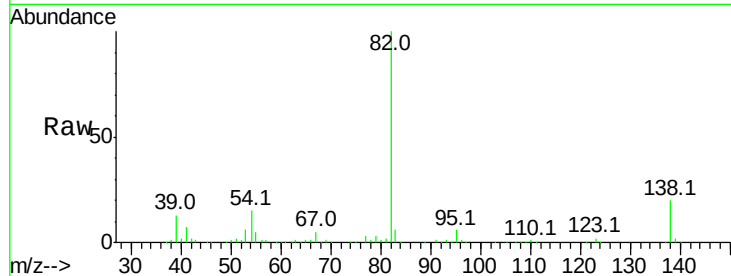
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	82	Resp:	498402
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	19.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#26

2-Nitrophenol

Concen: 48.885 ng

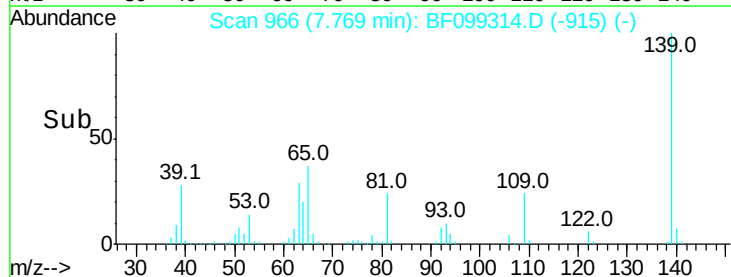
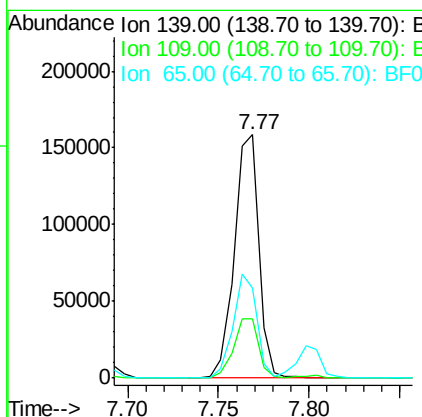
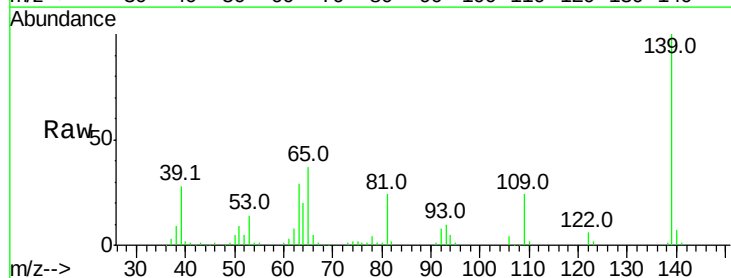
RT: 7.77 min Scan# 966

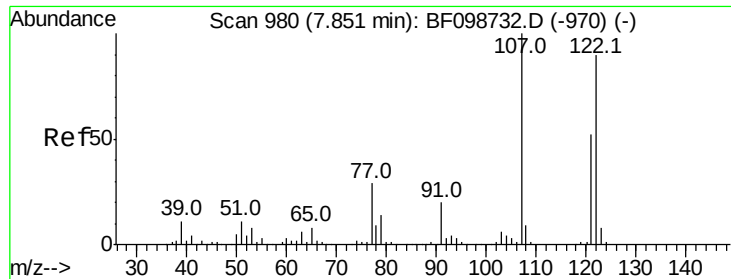
Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	139	Resp:	148984
Ion Ratio	Lower	Upper	
139	100		
109	24.3	22.7	34.1
65	37.0	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 41.663 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

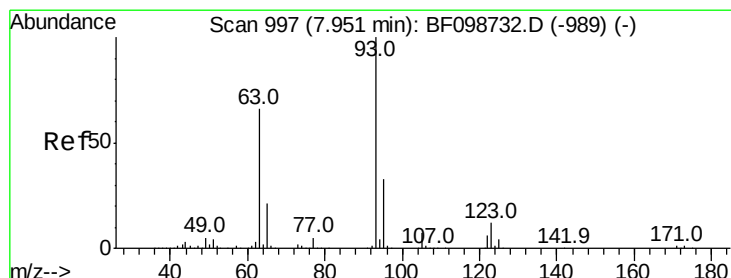
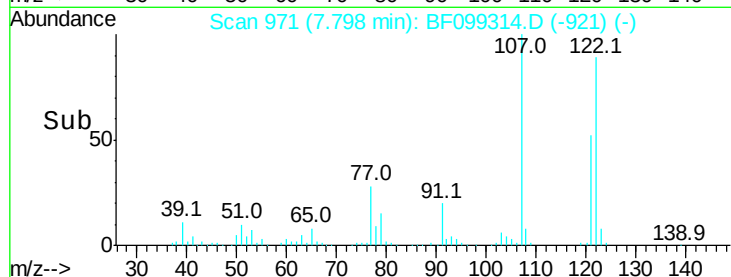
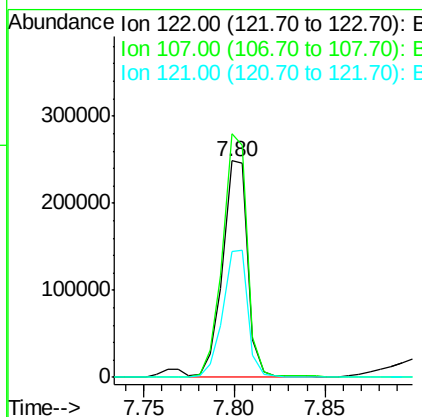
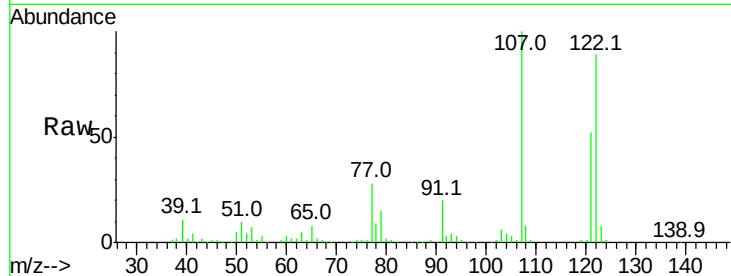
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	122	Resp:	239788
Ion Ratio	Lower	Upper	
122	100		
107	112.6	91.2	136.8
121	58.1	47.2	70.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#28

bis(2-Chloroethoxy)methane

Concen: 45.357 ng

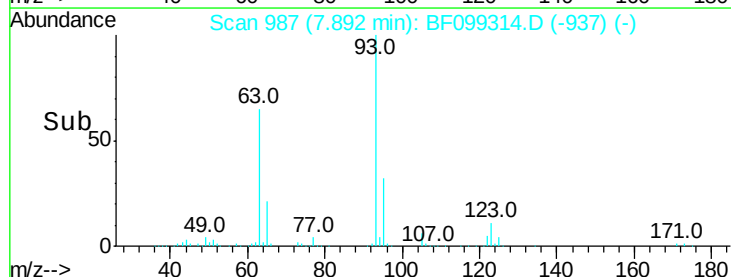
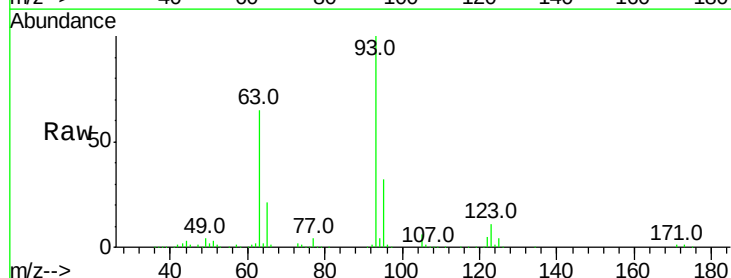
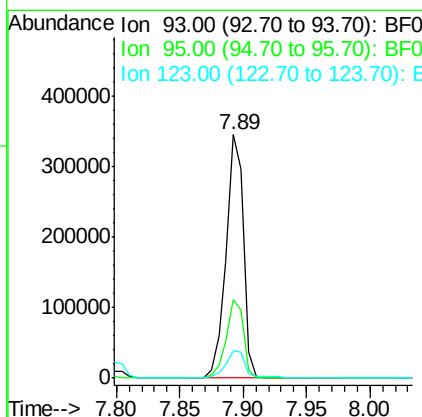
RT: 7.89 min Scan# 987

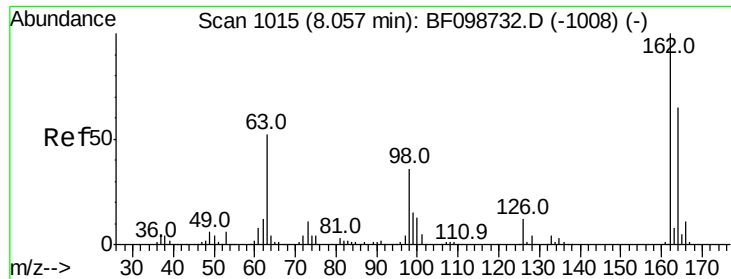
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	93	Resp:	326494
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.4	9.8	14.6





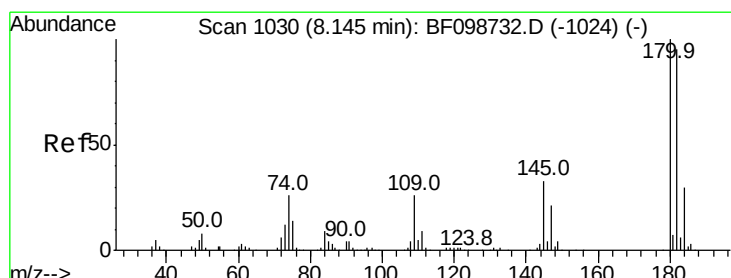
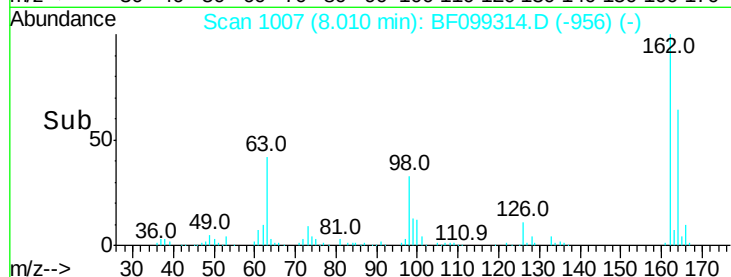
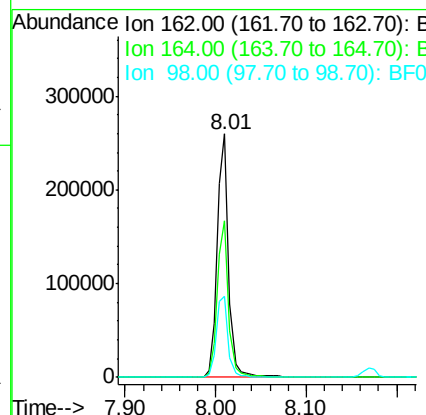
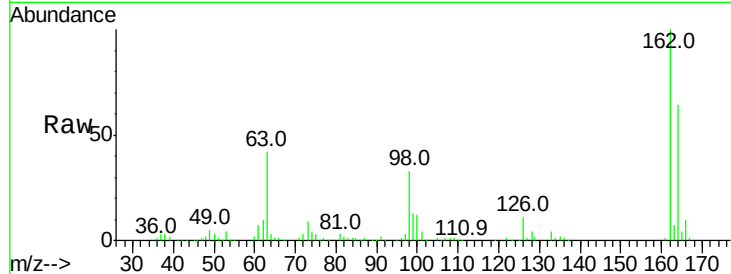
#29
2,4-Dichlorophenol
Concen: 46.493 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229744		
164	64.2	42.7	82.7	
98	33.1	18.1	58.1	

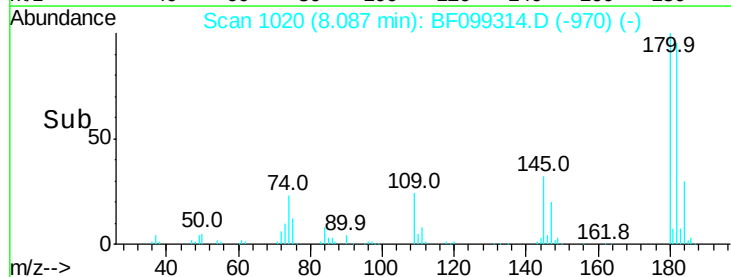
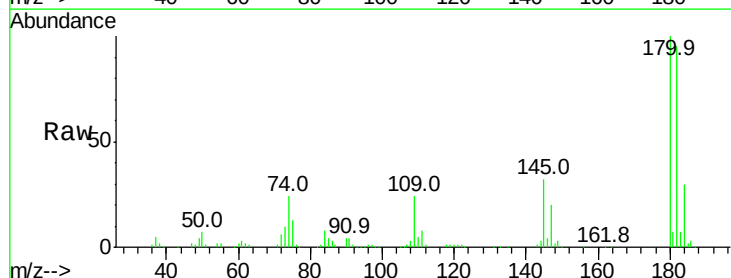
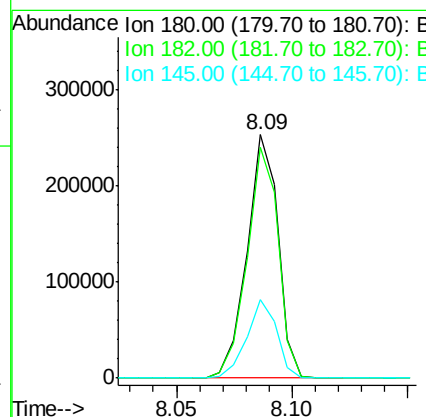
Manual Integrations
APPROVED

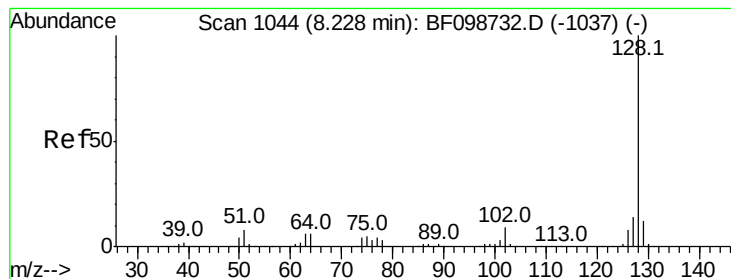
Sohil
10/11/2017 7:24:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.183 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238134		
182	95.1	76.8	115.2	
145	32.2	26.5	39.7	





#31

Naphthalene

Concen: 47.380 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

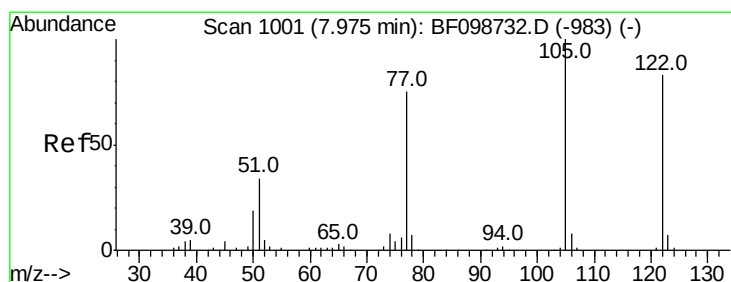
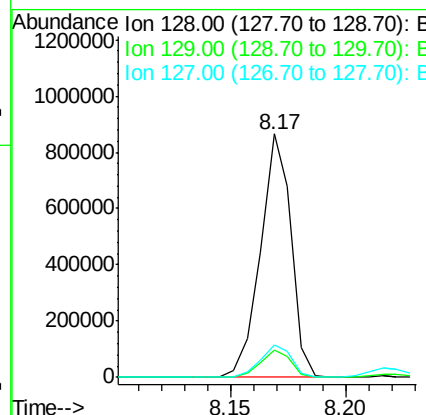
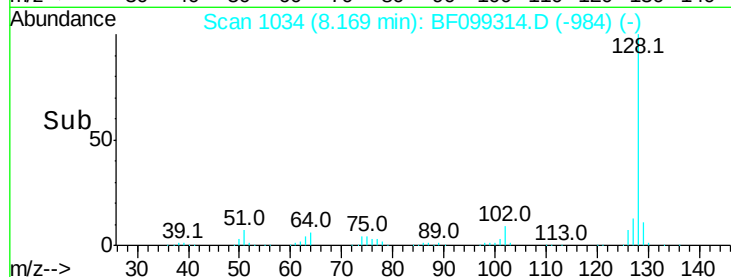
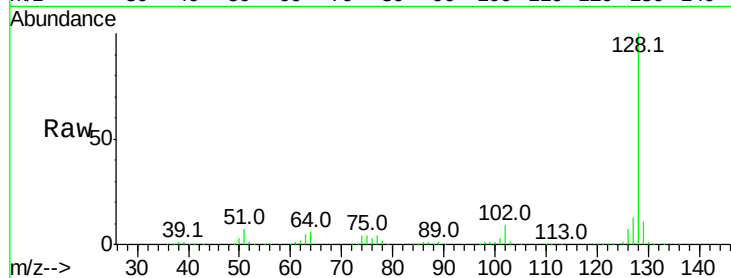
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	128	Resp:	797282
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#32

Benzoic acid

Concen: 19.897 ng

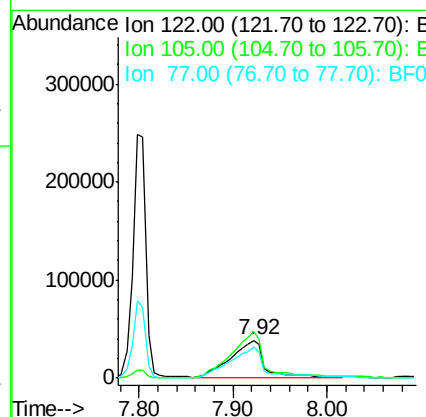
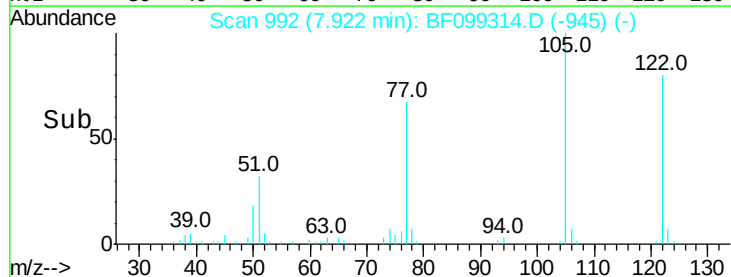
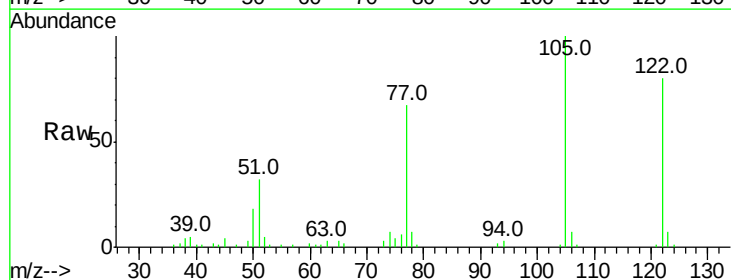
RT: 7.92 min Scan# 992

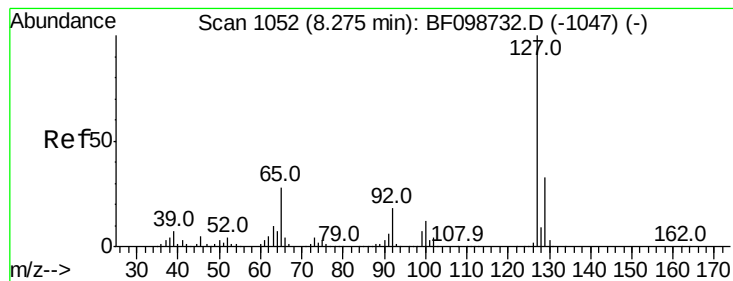
Delta R.T. -0.02 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	122	Resp:	94066
Ion Ratio	Lower	Upper	
122	100		
105	124.6	101.1	141.1
77	84.1	70.7	110.7





#33

4-Chloroaniline

Concen: 7.349 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

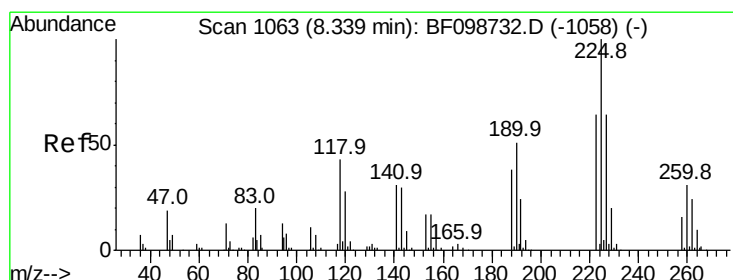
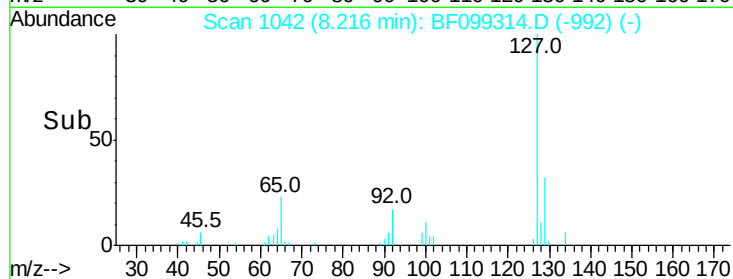
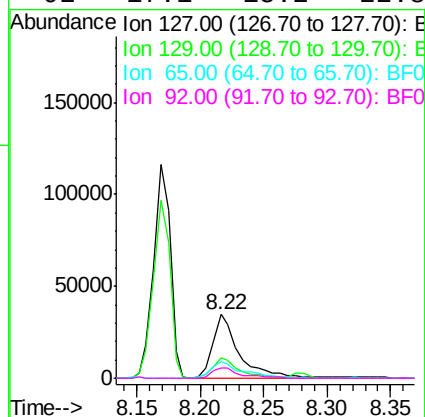
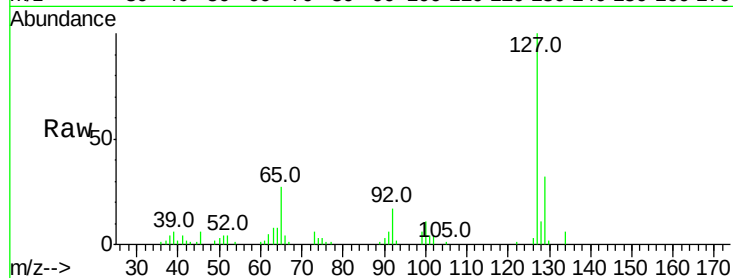
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	127	Resp:	51642
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.9	38.9
65	26.7	25.0	37.4
92	17.1	15.2	22.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#34

Hexachlorobutadiene

Concen: 46.452 ng

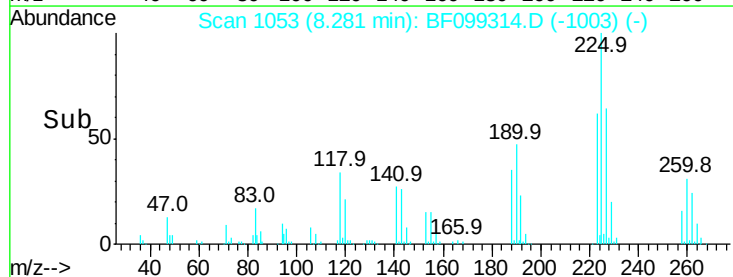
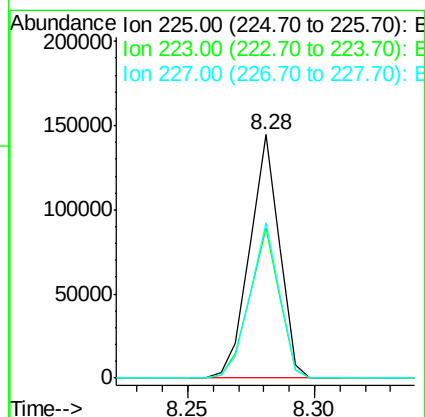
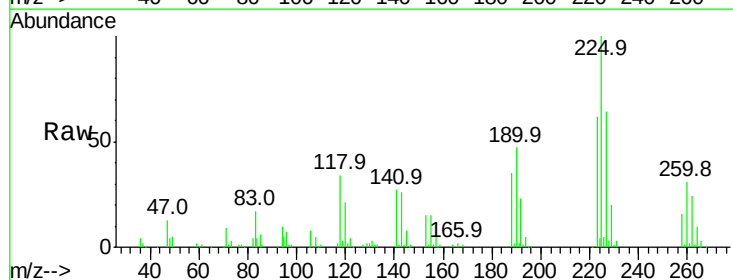
RT: 8.28 min Scan# 1053

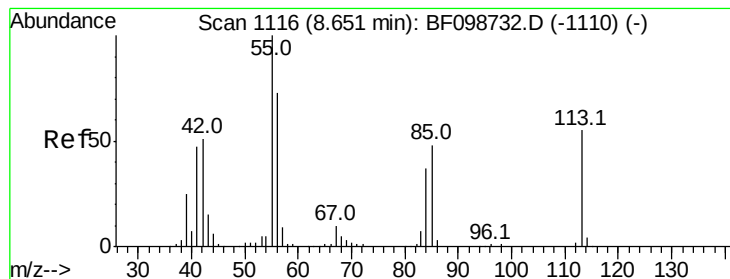
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	225	Resp:	118249
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.6	76.0
227	63.7	51.9	77.9





#35

Caprolactam

Concen: 37.446 ng/ml

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMSD

Tot Ion:113 Resp: 59356

Ion Ratio Lower Upper

113 100

55 160.2 163.3 203.3#

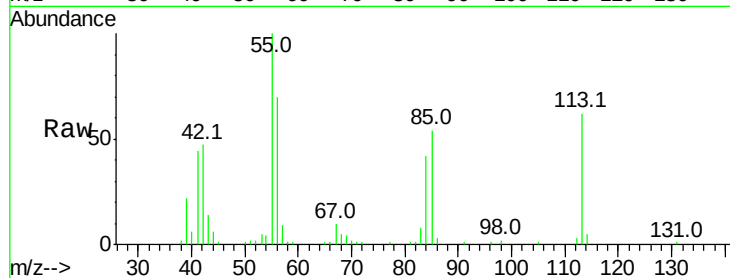
56 112.8 115.7 155.7#

Manual Integrations

APPROVED

Sohil

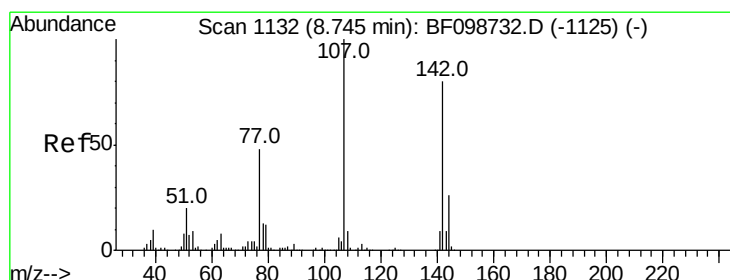
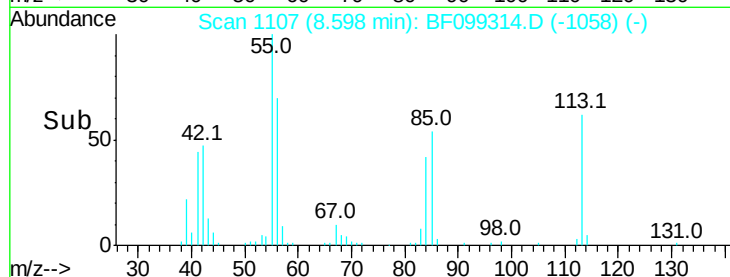
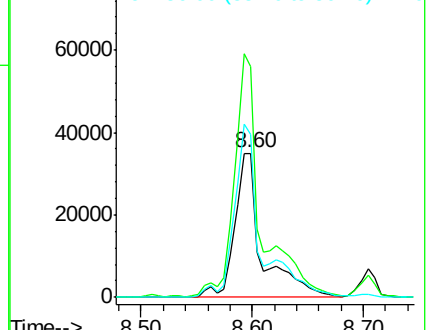
10/11/2017 7:24:03 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.061 ng/ml

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

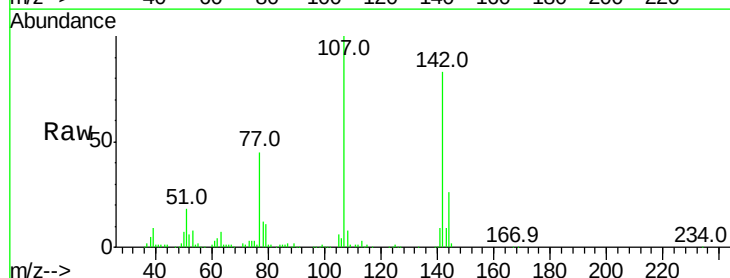
Tgt Ion:107 Resp: 228059

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

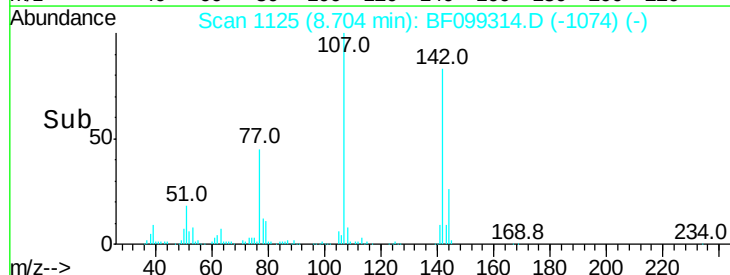
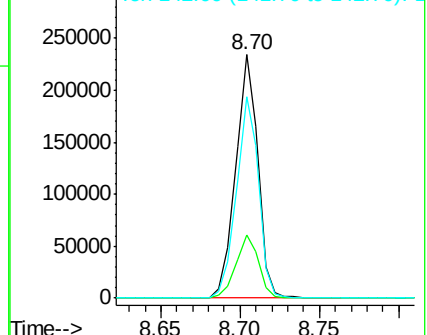
142 82.5 62.0 93.0

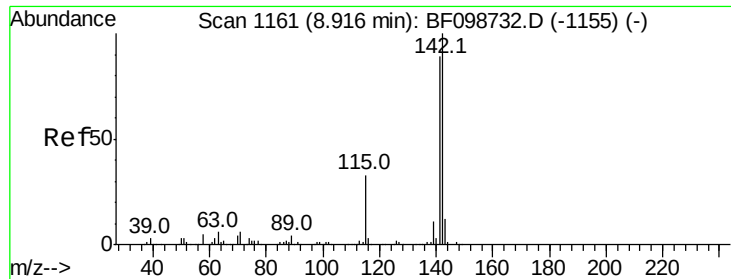


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





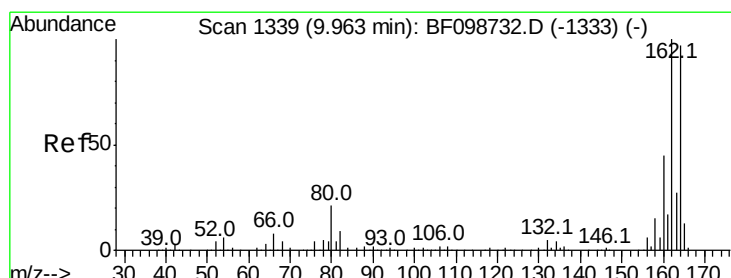
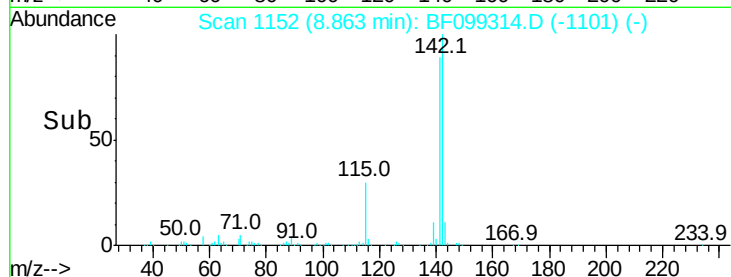
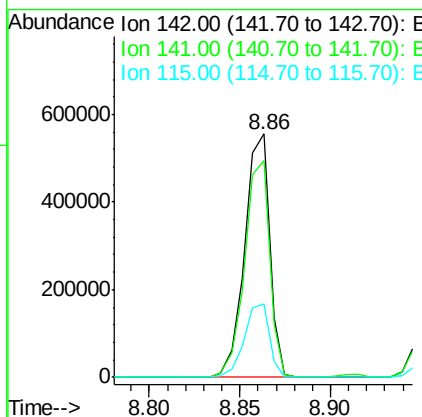
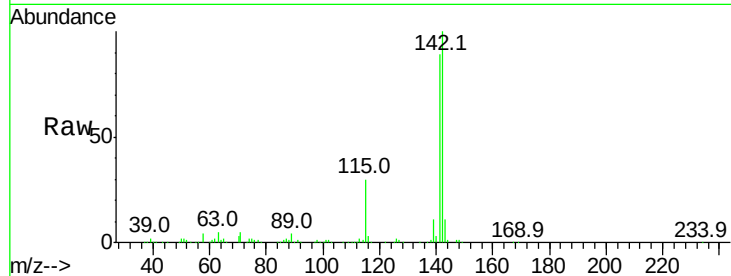
#37
2-Methylnaphthalene
Concen: 48.866 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	29.9	26.1	39.1

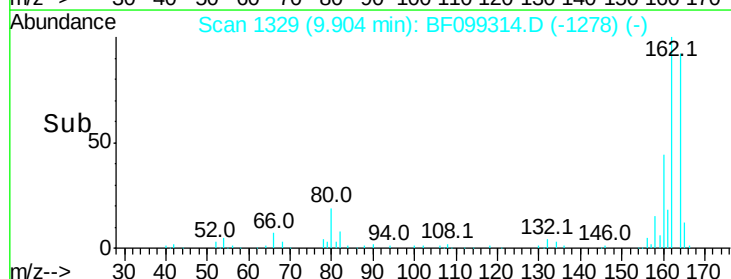
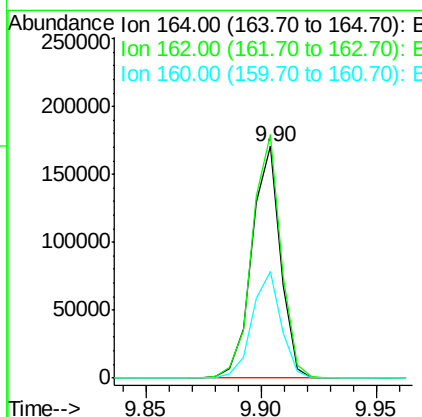
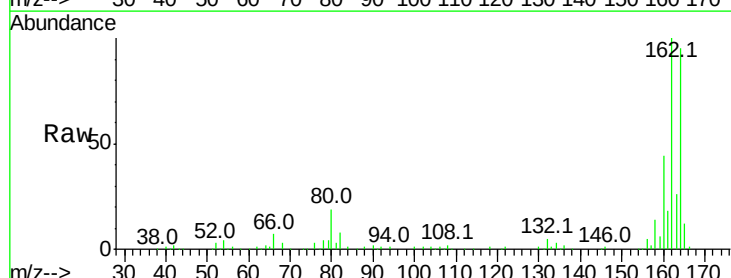
Manual Integrations
APPROVED

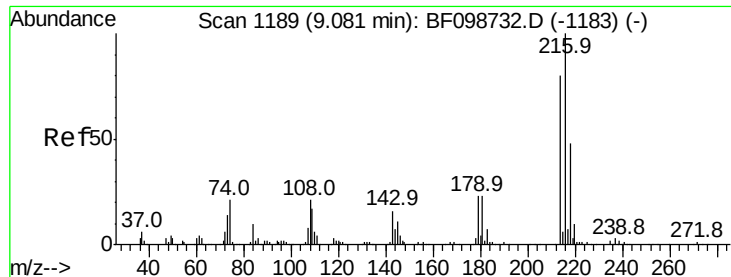
Sohil
10/11/2017 7:24:03 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.837 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

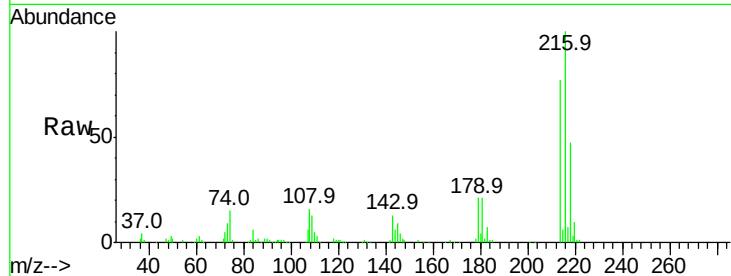
ClientSampleId :

HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	215965		
214	78.2	63.0	94.4	
179	22.3	18.1	27.1	
108	18.0	17.2	25.8	

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM

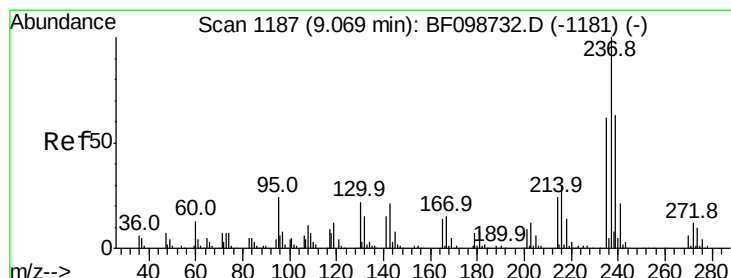
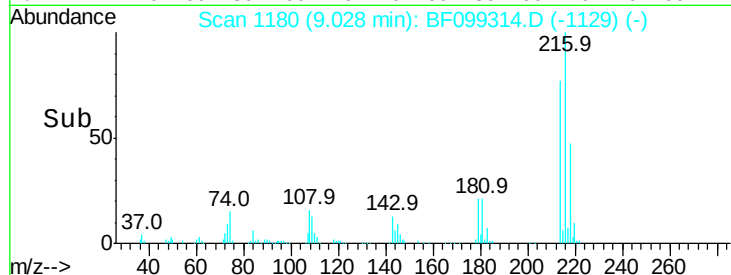
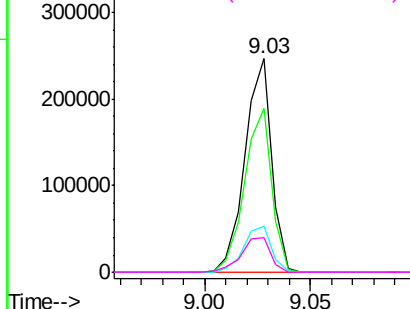


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 15.193 ng

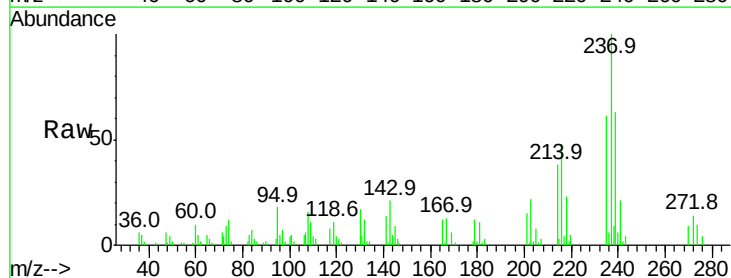
RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

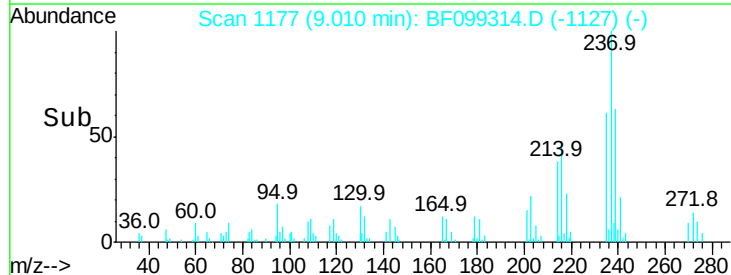
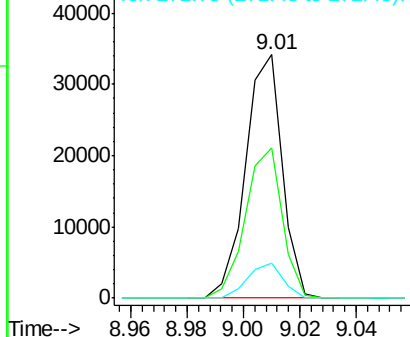
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	30704		
235	61.5	44.8	84.8	
272	14.3	0.0	33.3	

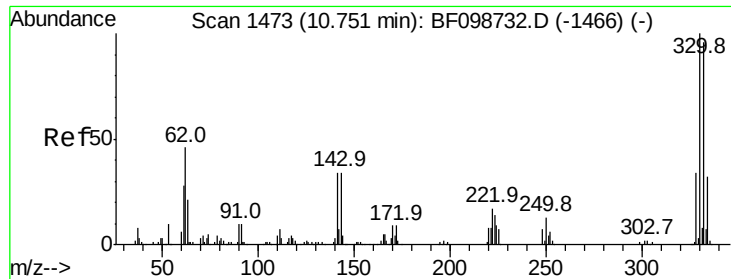


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 132.047 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

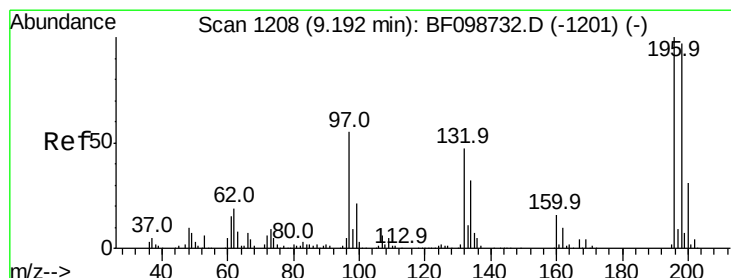
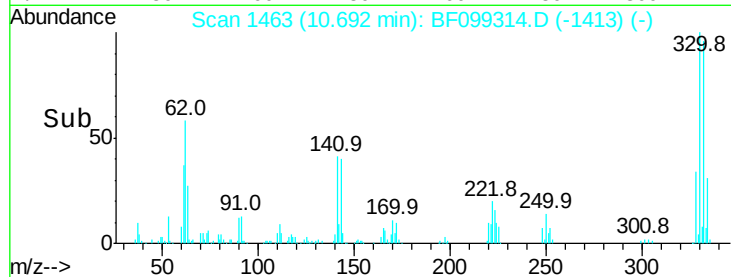
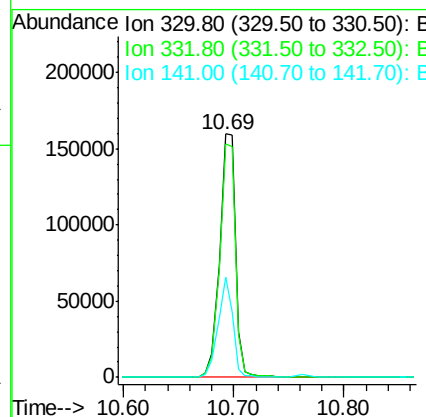
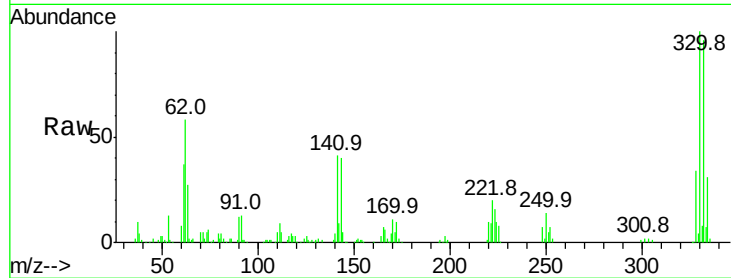
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	330	Resp:	160217
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.0	115.6
141	37.7	29.9	44.9

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#42

2,4,6-Trichlorophenol

Concen: 46.284 ng

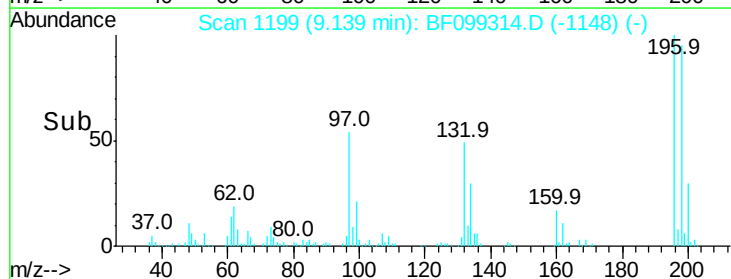
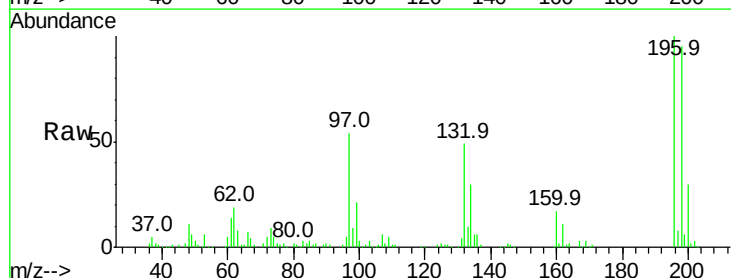
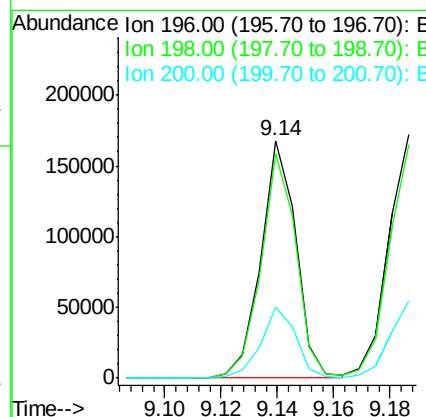
RT: 9.14 min Scan# 1199

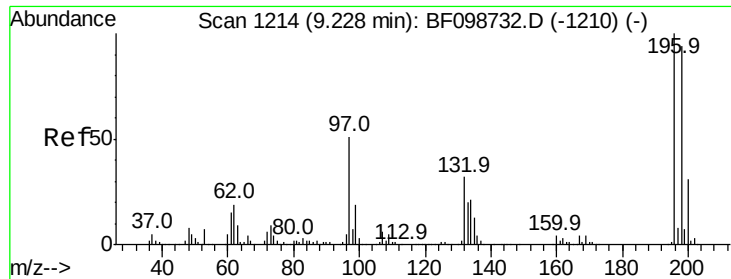
Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	196	Resp:	144998
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.7	113.5
200	29.8	24.5	36.7





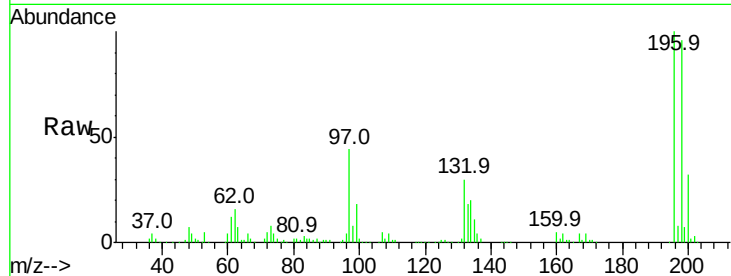
#43
 2,4,5-Trichlorophenol
 Concen: 48.496 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151663		
198	95.9	74.6	112.0	
97	44.0	42.9	64.3	
132	30.0	26.3	39.5	

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:24:03 PM



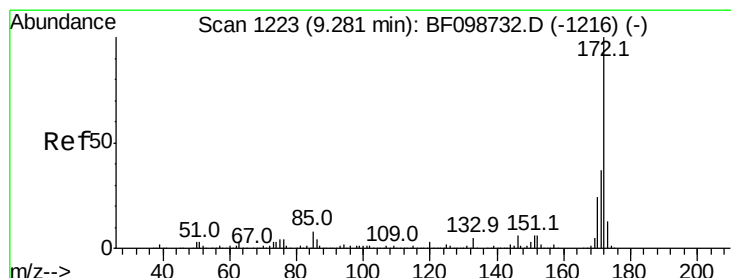
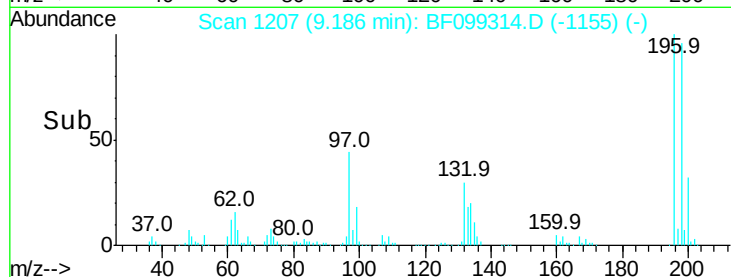
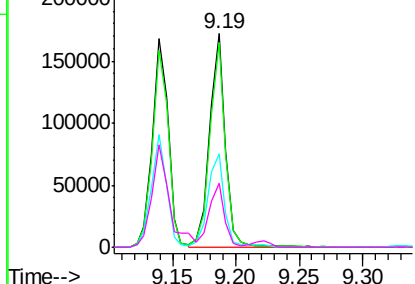
Abundance

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: 114.121 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

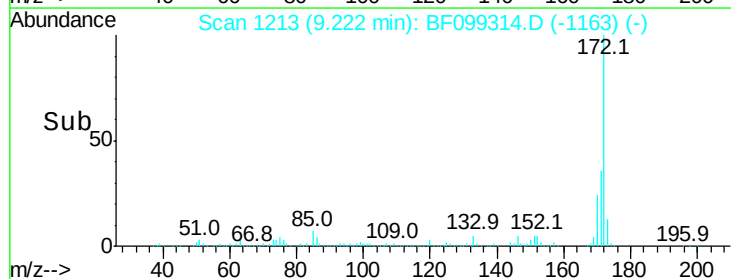
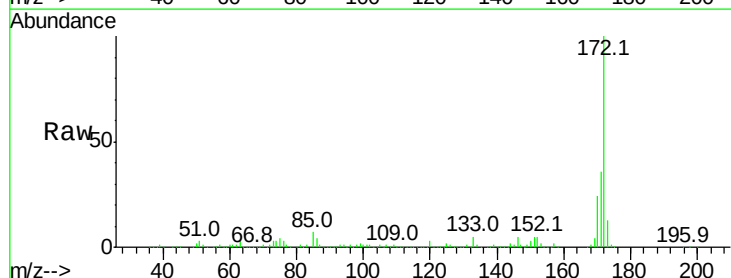
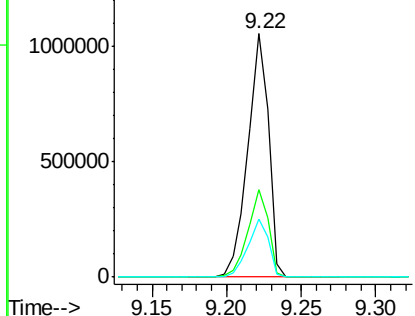
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1013643		
171	36.0	29.7	44.5	
170	23.6	19.6	29.4	

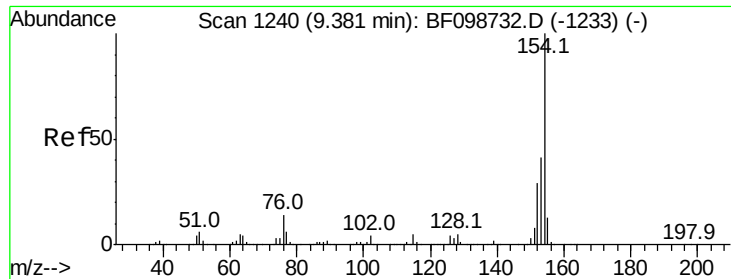
Abundance

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





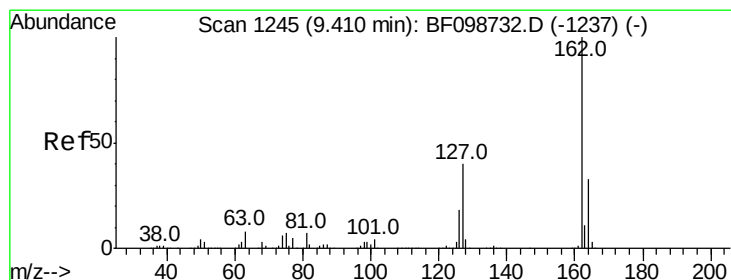
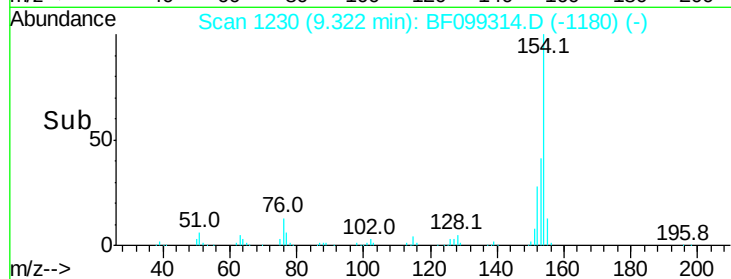
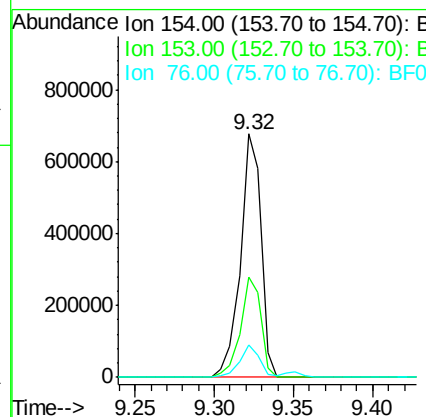
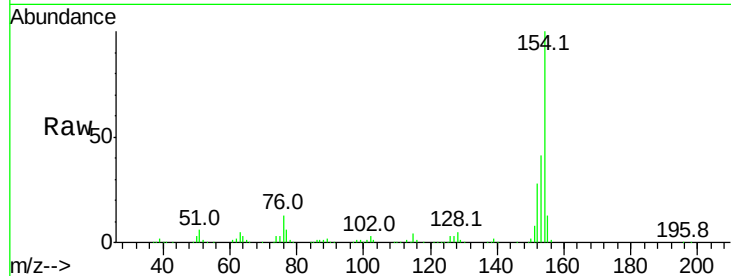
#45
 1,1'-Biphenyl
 Concen: 47.794 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.3	0.0	34.0

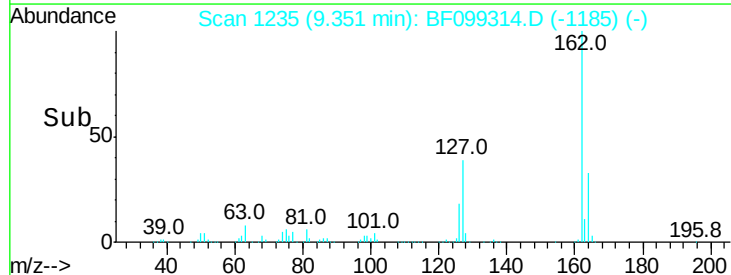
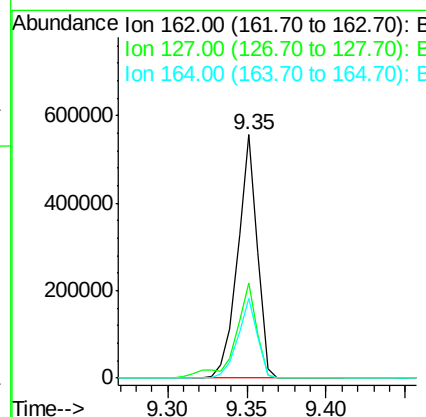
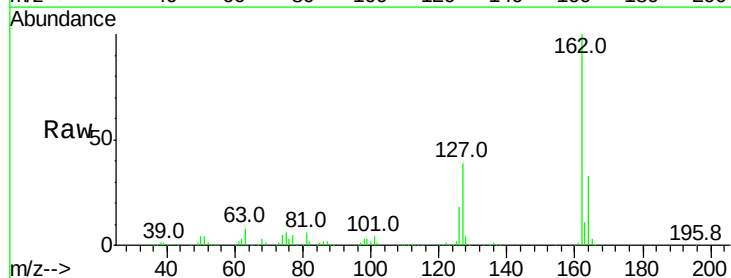
Manual Integrations
 APPROVED

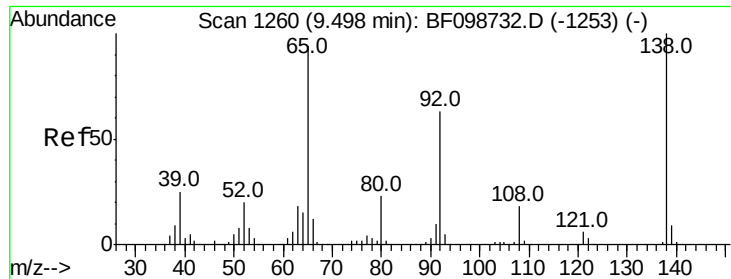
Sohil
 10/11/2017 7:24:03 PM



#46
 2-Chloronaphthalene
 Concen: 49.555 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	32.5	26.5	39.7





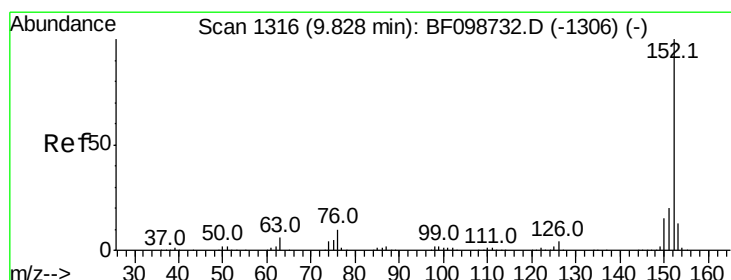
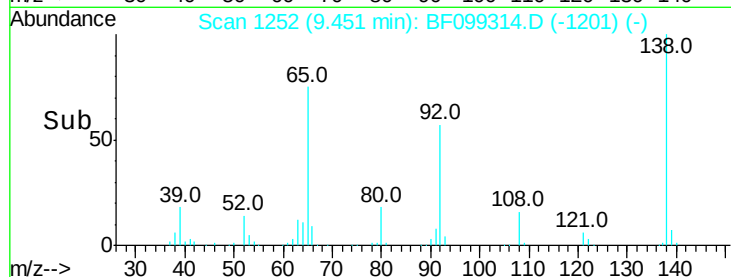
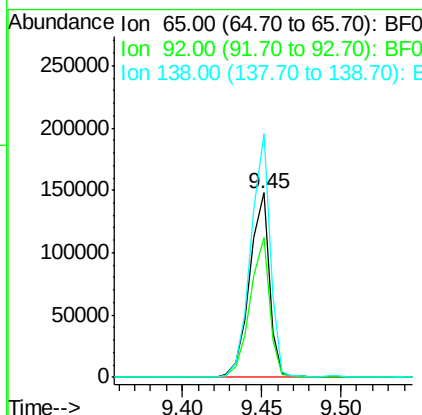
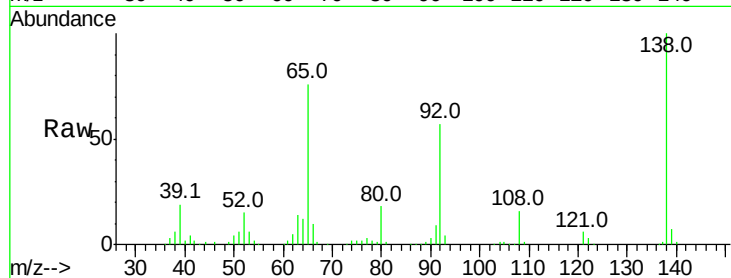
#47
2-Nitroaniline
Concen: 43.734 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.8	55.8	83.6
138	132.2	91.2	136.8

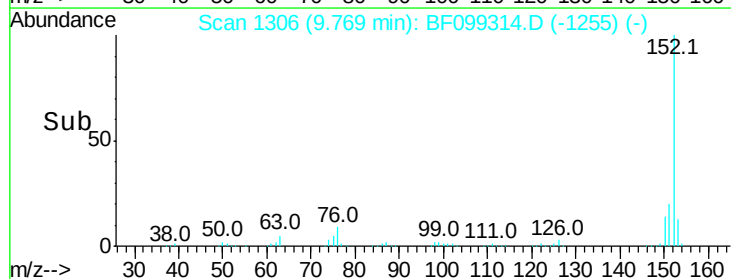
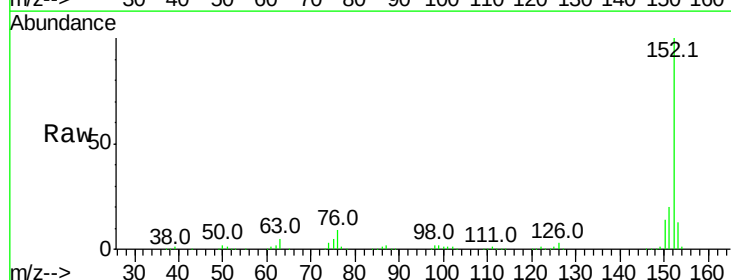
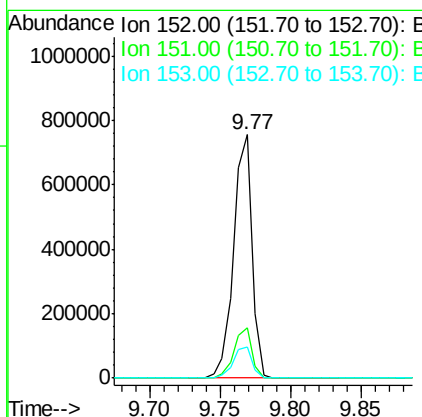
Manual Integrations
APPROVED

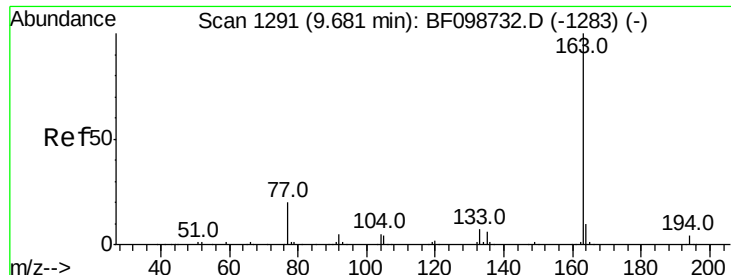
Sohil
10/11/2017 7:24:03 PM



#48
Acenaphthylene
Concen: 46.825 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1





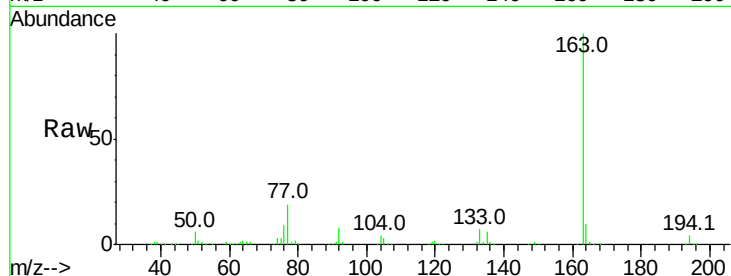
#49
Dimethylphthalate
Concen: 49.010 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

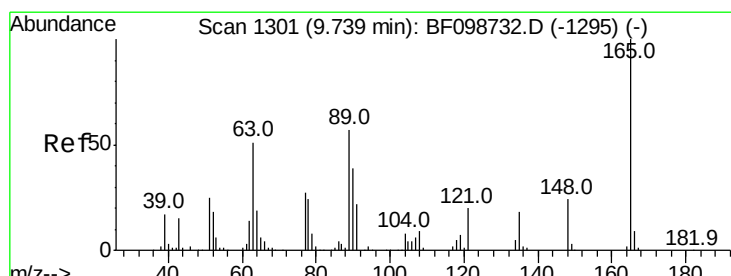
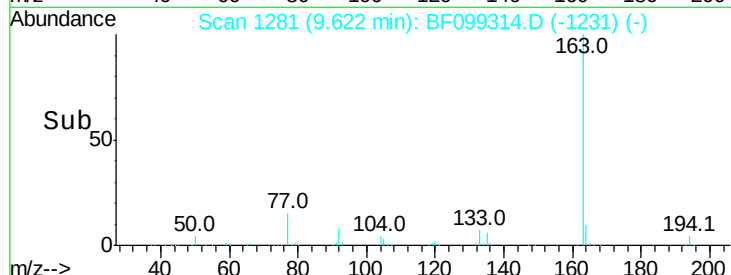
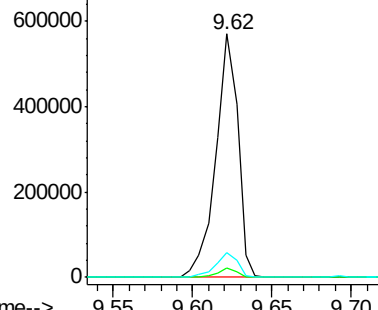
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.3	8.2	12.2	

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM

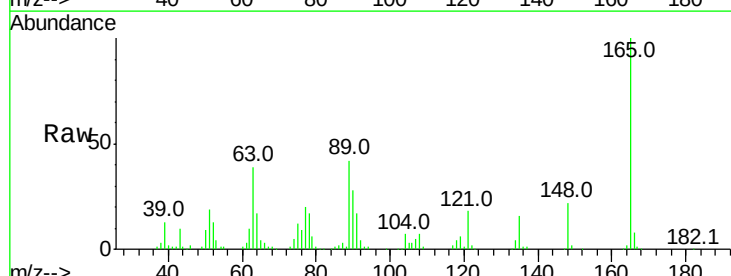


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

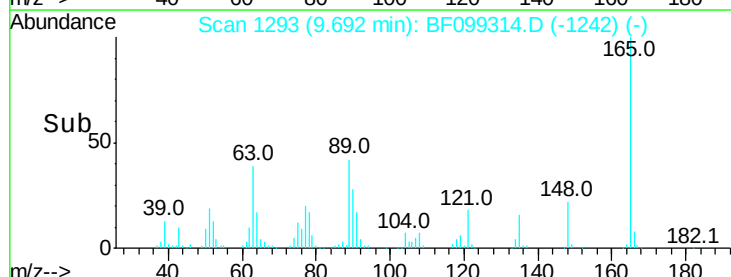
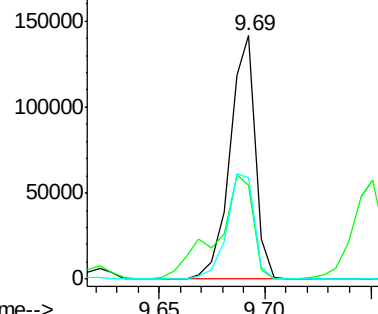


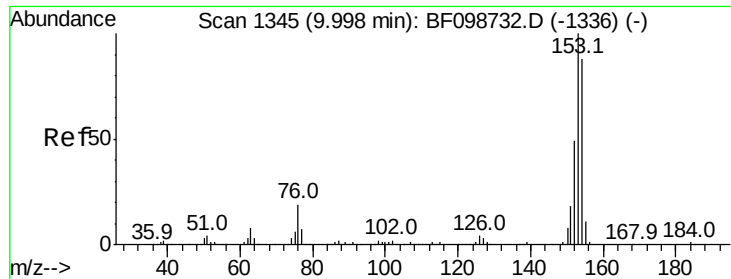
#50
2,6-Dinitrotoluene
Concen: 48.663 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.6	44.7	67.1#	
89	41.8	44.0	66.0#	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.284 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

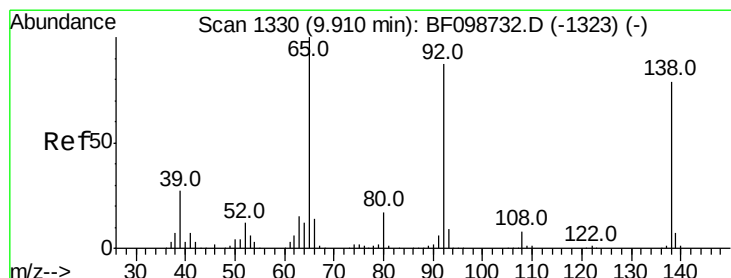
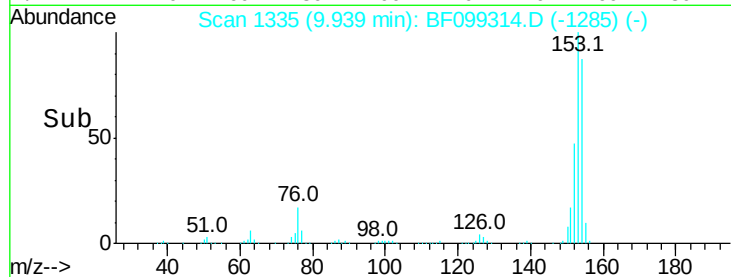
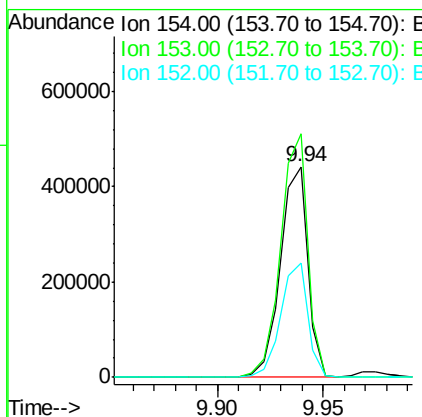
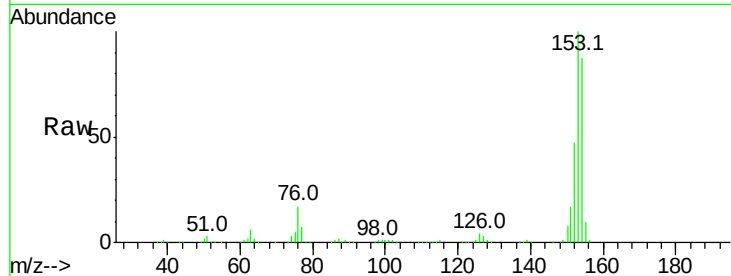
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:154	Resp:	401606
Ion Ratio	Lower	Upper
154	100	
153	115.4	91.2 136.8
152	54.3	43.8 65.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#52

3-Nitroaniline

Concen: 21.492 ng

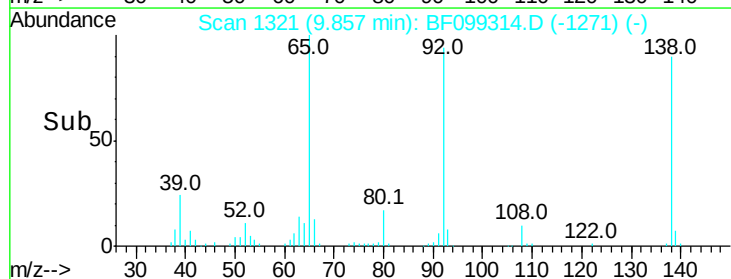
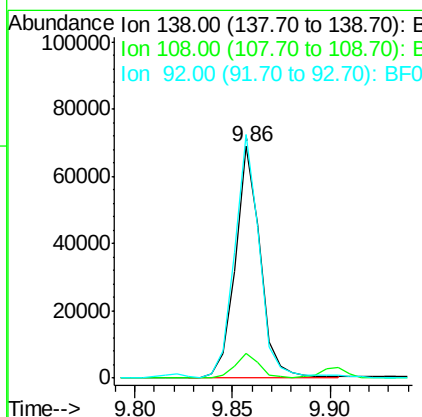
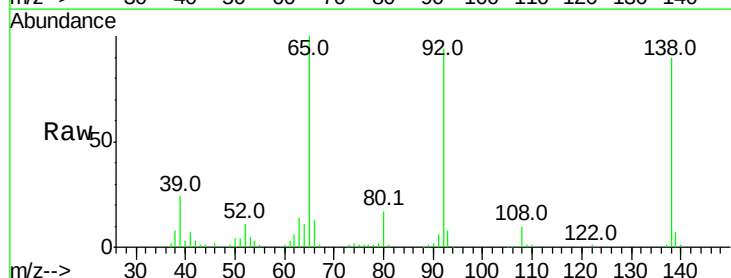
RT: 9.86 min Scan# 1321

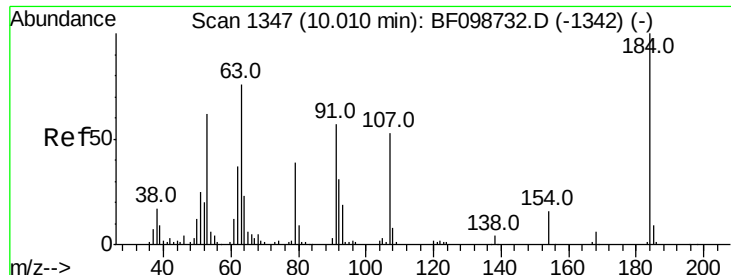
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:138	Resp:	61055
Ion Ratio	Lower	Upper
138	100	
108	10.8	9.4 14.0
92	105.1	89.4 134.2





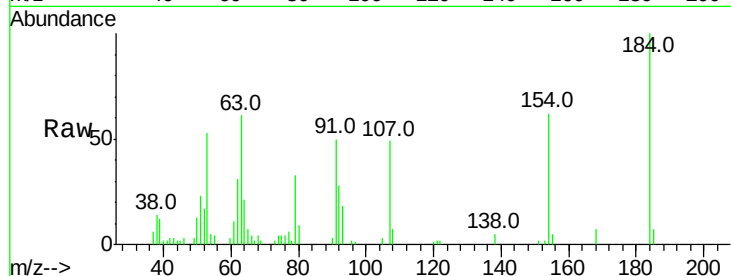
#53
2,4-Dinitrophenol
Concen: 22.314 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

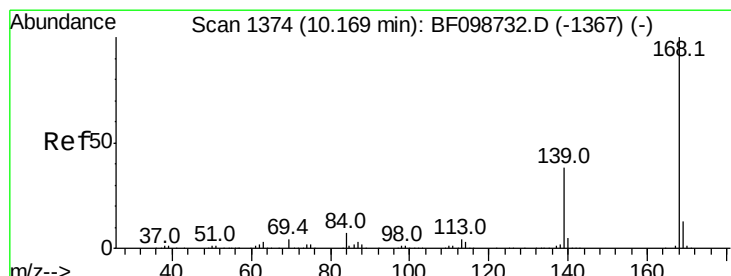
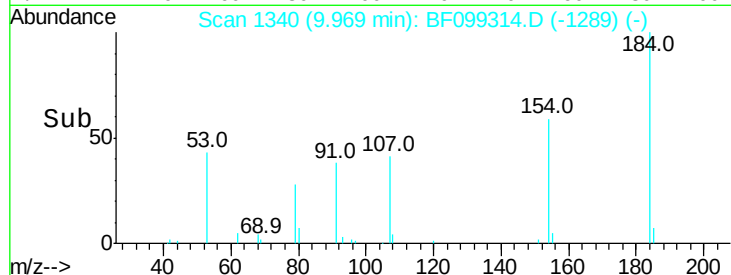
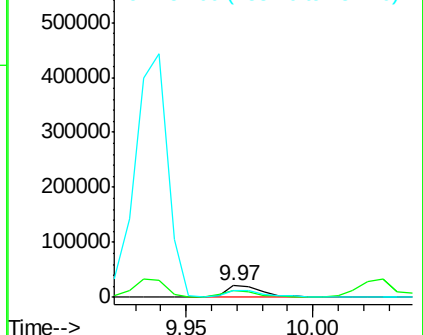
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.2	54.2	81.2	
154	61.5	53.5	80.3	

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



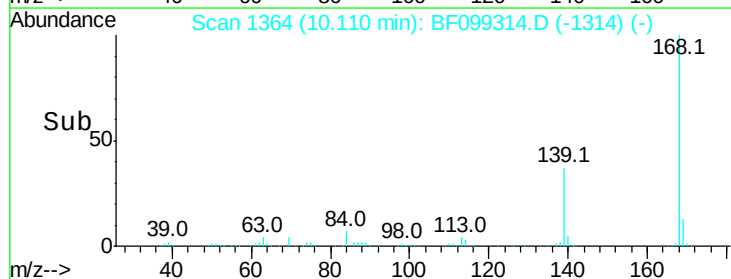
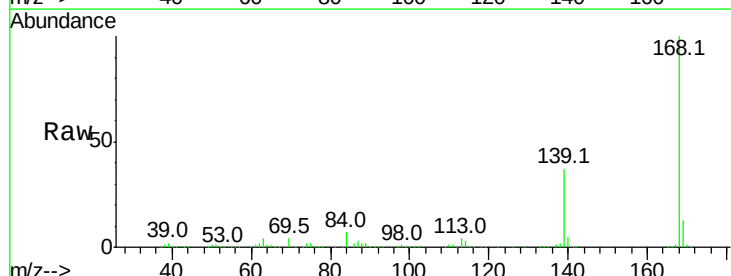
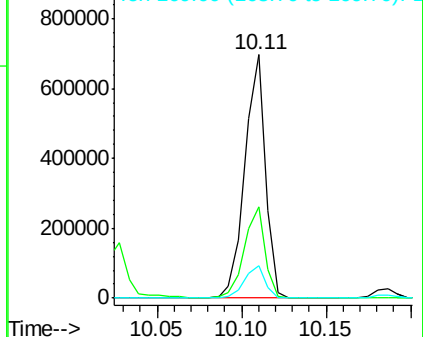
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

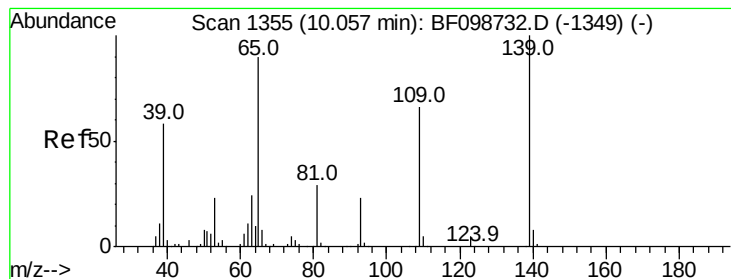


#54
Dibenzofuran
Concen: 48.200 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.3	30.1	45.1	
169	13.2	10.9	16.3	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 61.435 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMSD

Tot Ion:139 Resp: 147577

Ion Ratio Lower Upper

139 100

109 57.3 48.4 88.4

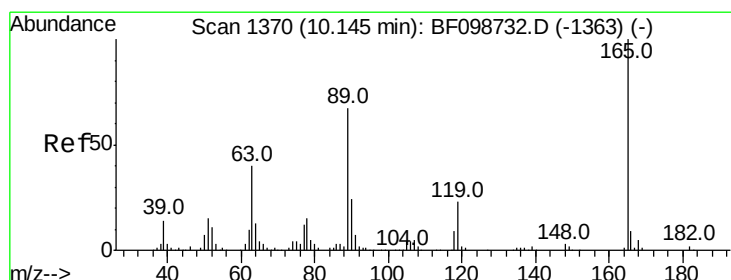
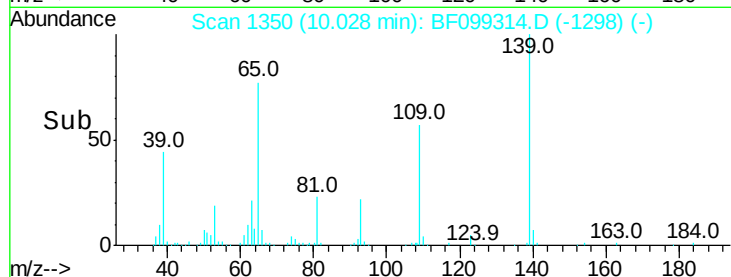
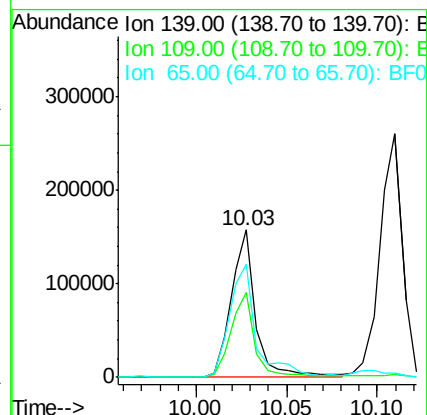
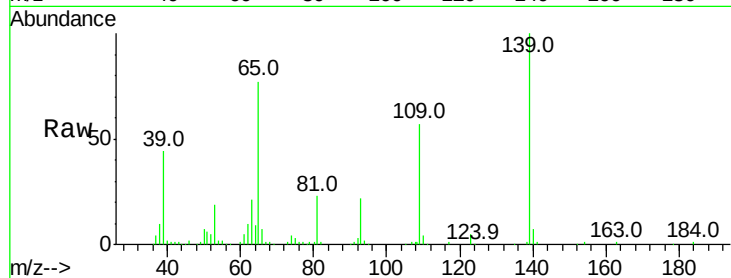
65 76.7 72.6 112.6

Manual Integrations

APPROVED

Sohil

10/11/2017 7:24:03 PM



#56

2,4-Dinitrotoluene

Concen: 44.397 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:165 Resp: 140385

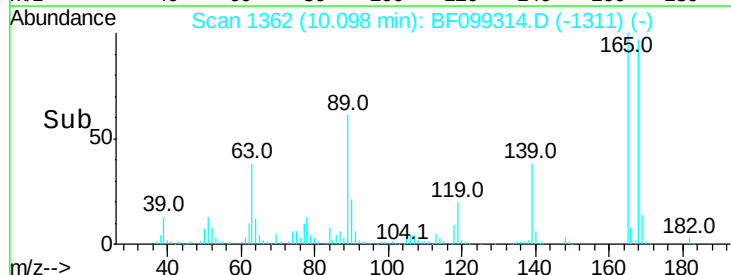
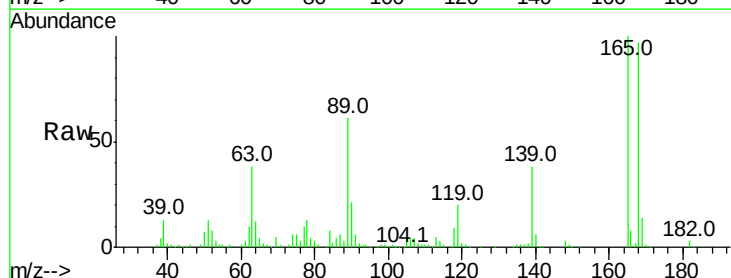
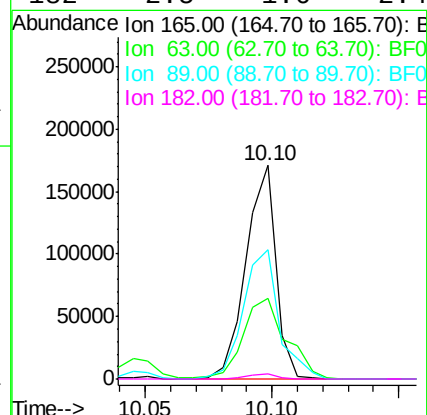
Ion Ratio Lower Upper

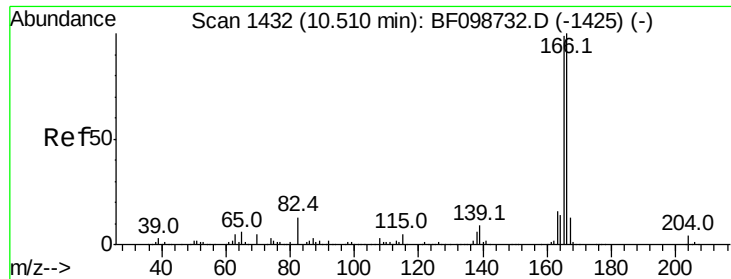
165 100

63 37.8 36.4 54.6

89 60.7 57.8 86.6

182 2.5 1.6 2.4#





#57

Fluorene

Concen: 45.435 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

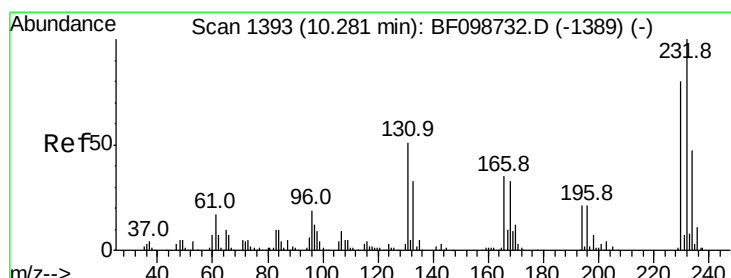
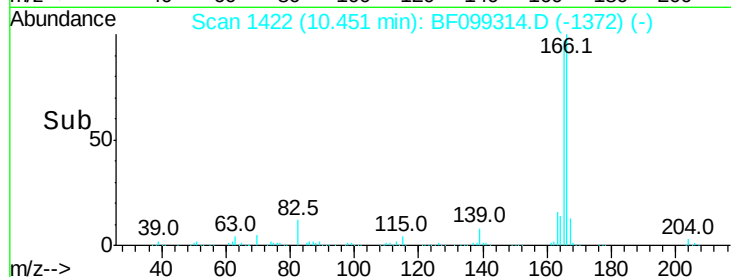
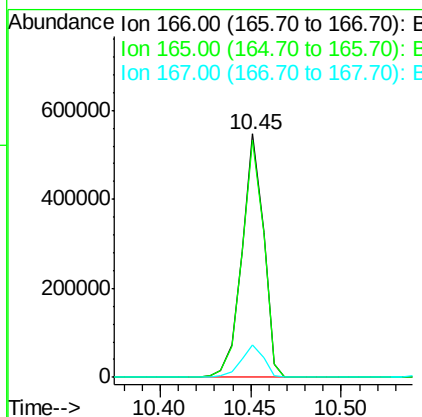
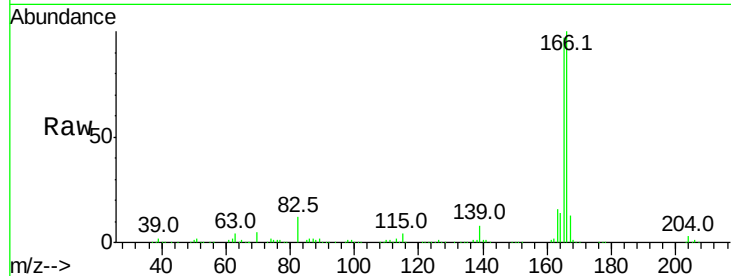
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	166	Resp:	451148
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.8	119.8
167	13.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.092 ng

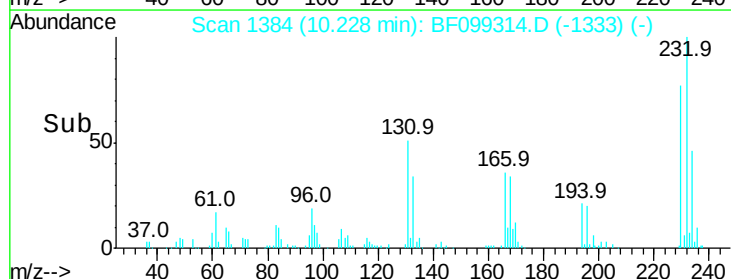
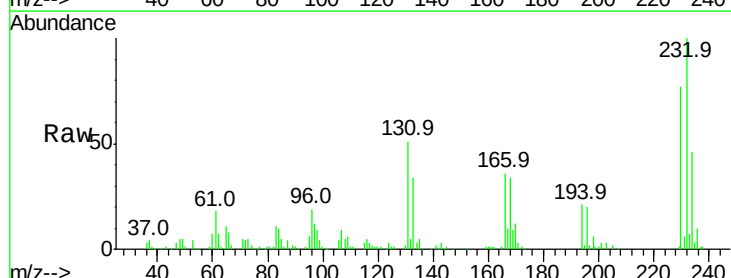
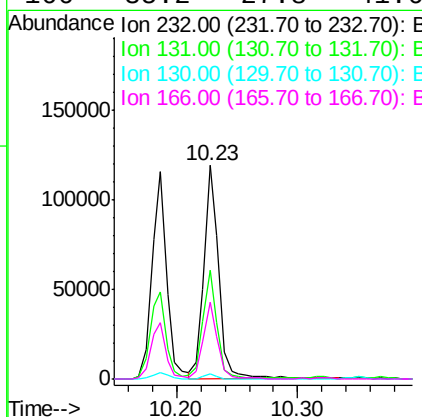
RT: 10.23 min Scan# 1384

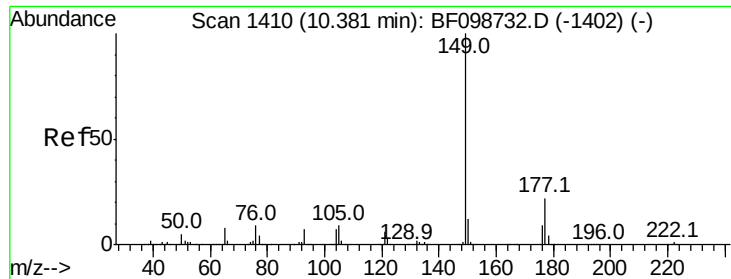
Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	232	Resp:	101734
Ion Ratio	Lower	Upper	
232	100		
131	49.0	43.8	65.8
130	2.1	2.1	3.1
166	35.2	27.8	41.6





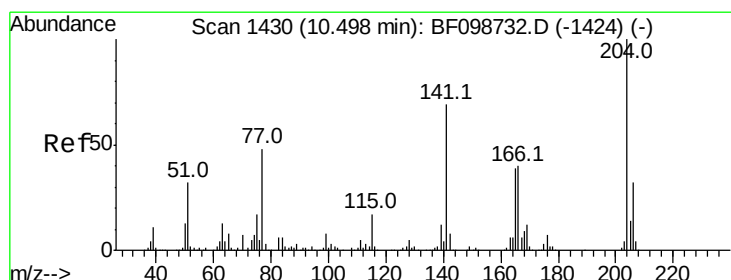
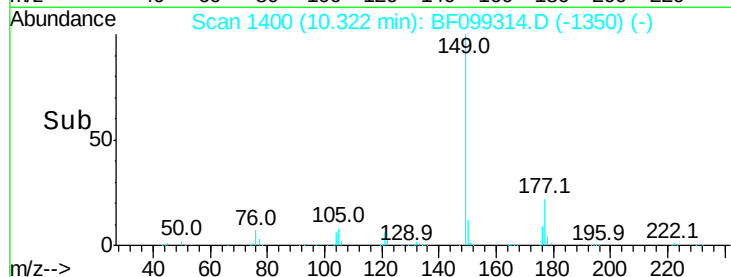
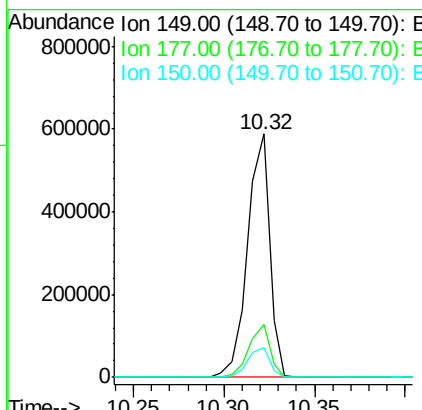
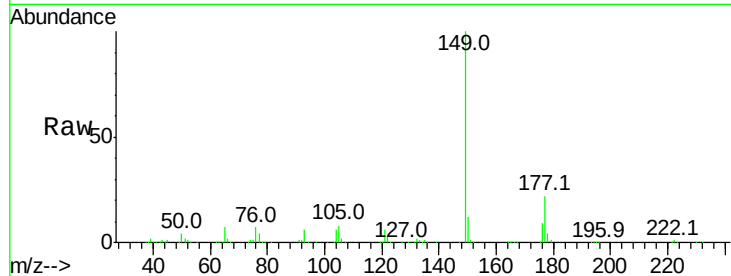
#59
Diethylphthalate
Concen: 45.842 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	501308		
177	21.9	16.1	24.1	
150	12.2	10.1	15.1	

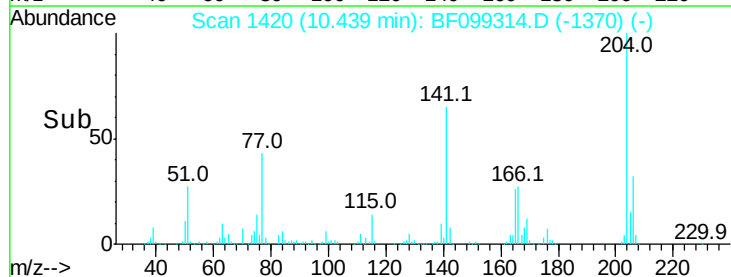
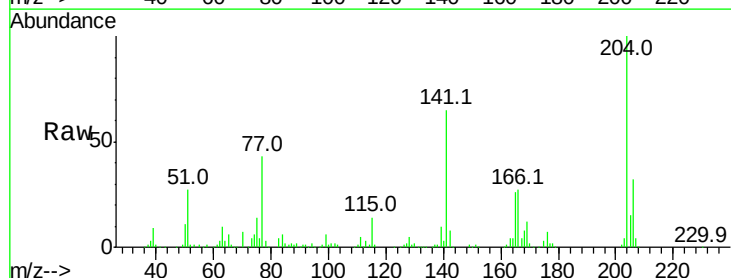
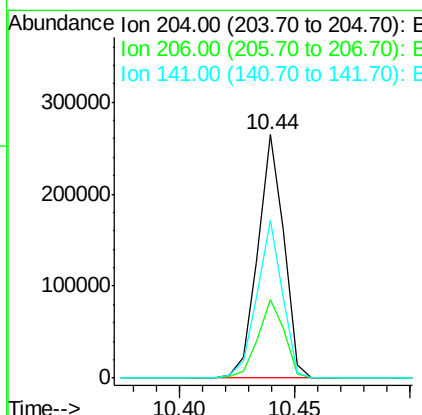
Manual Integrations
APPROVED

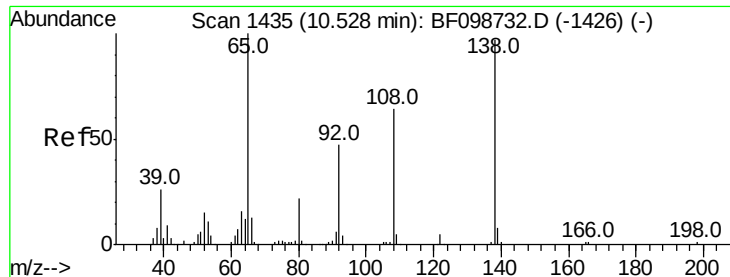
Sohil
10/11/2017 7:24:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.935 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	209349		
206	32.3	26.5	39.7	
141	65.0	54.6	81.8	





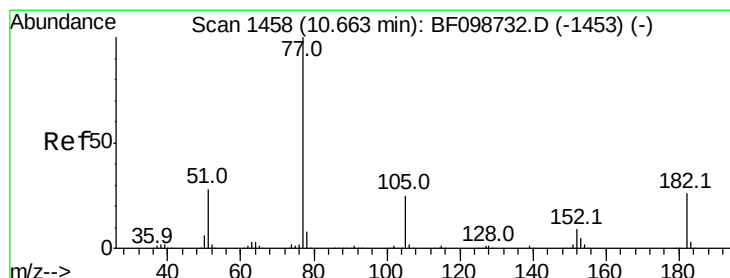
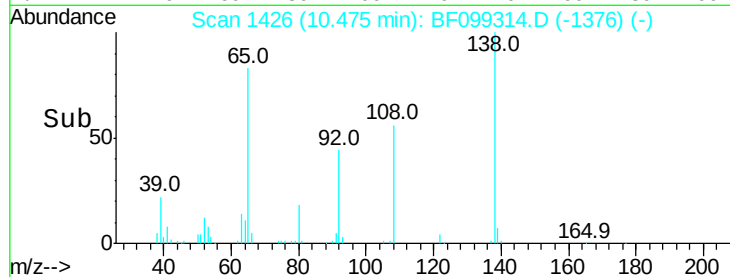
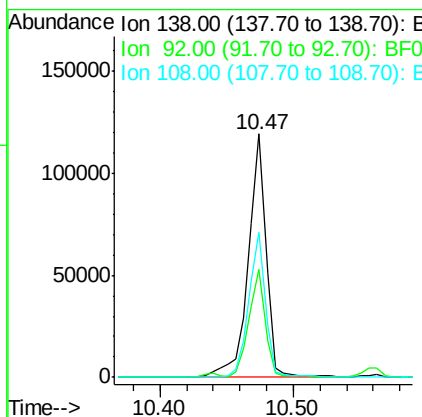
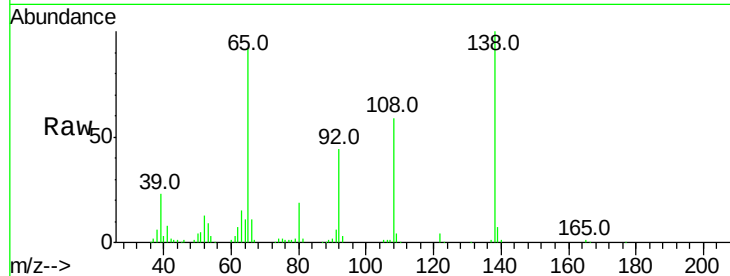
#61
4-Nitroaniline
Concen: 40.046 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	109757		
92	44.4	30.2	70.2	
108	59.4	52.5	92.5	

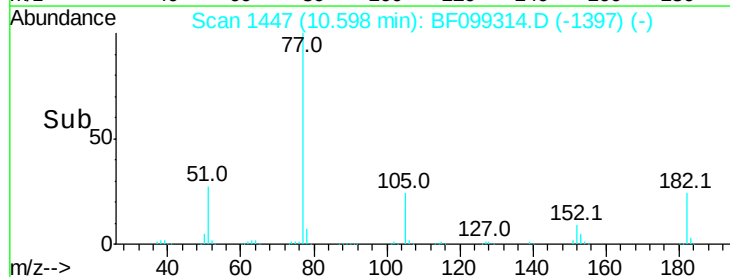
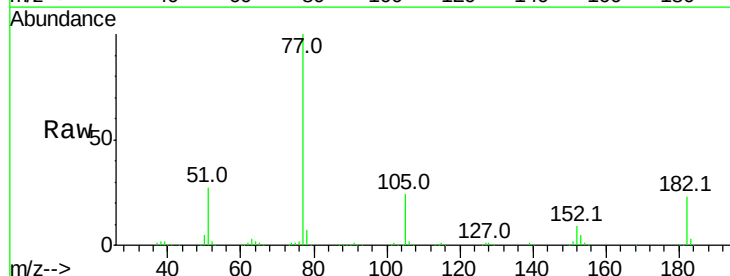
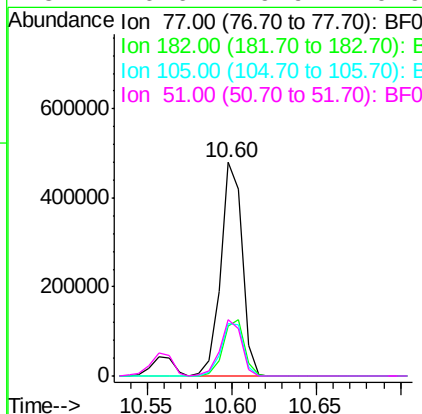
Manual Integrations
APPROVED

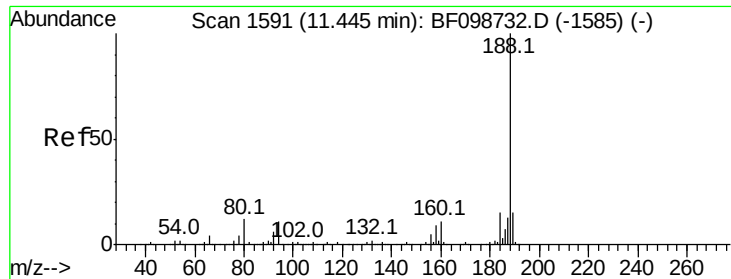
Sohil
10/11/2017 7:24:03 PM



#62
Azobenzene
Concen: 42.478 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	427114		
182	23.4	1.7	41.7	
105	24.4	3.0	43.0	
51	26.6	9.9	49.9	





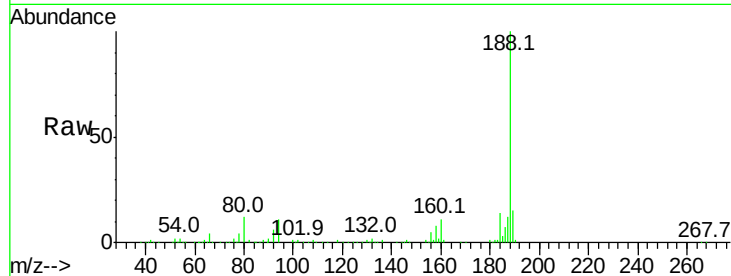
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	8.5	12.7	
80	12.3	9.2	13.8	

Manual Integrations
APPROVED

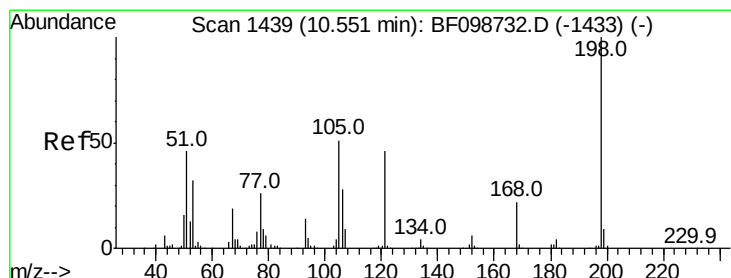
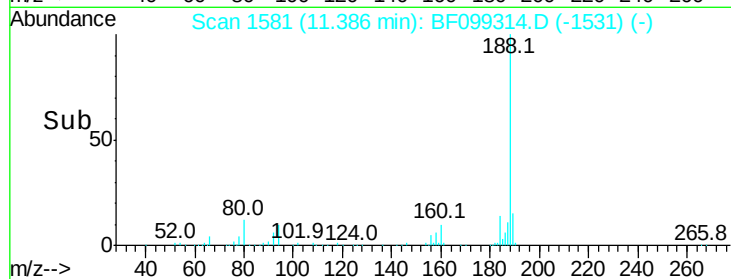
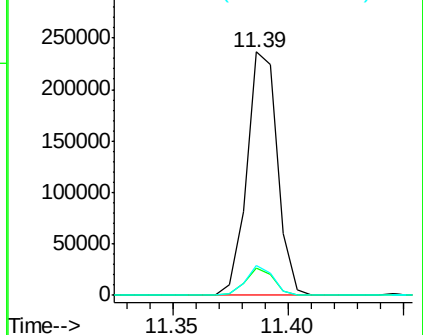
Sohil
10/11/2017 7:24:03 PM



Abundance Ion 188.00 (187.70 to 188.70): E

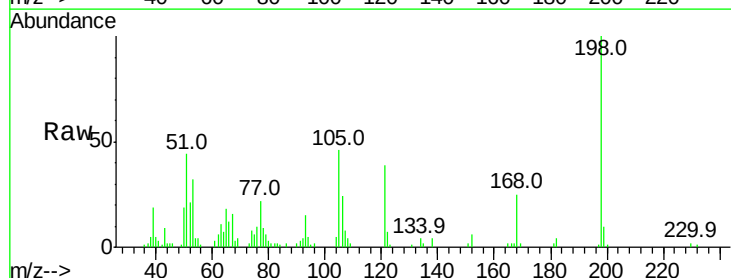
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 14.869 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

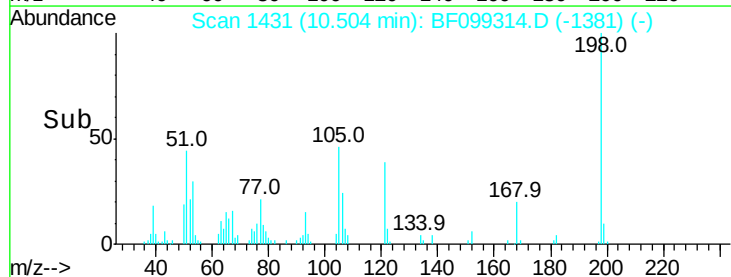
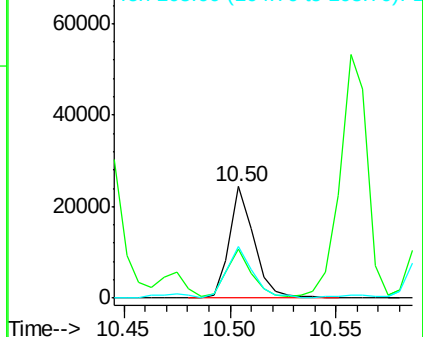
Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.8	37.7	77.7	
105	46.0	36.3	76.3	

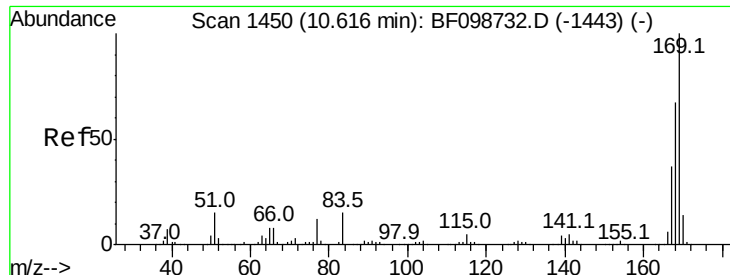


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





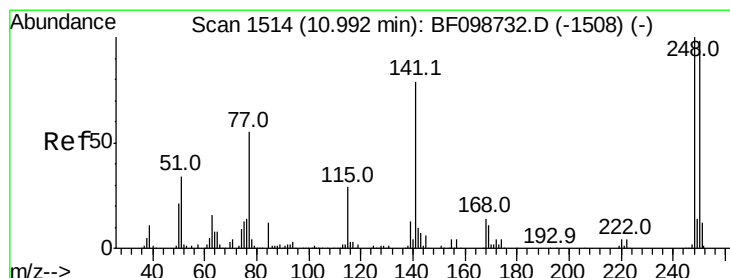
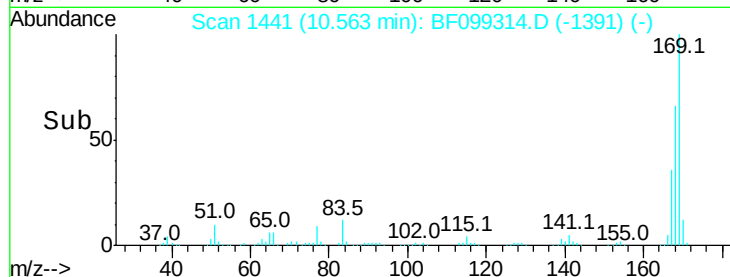
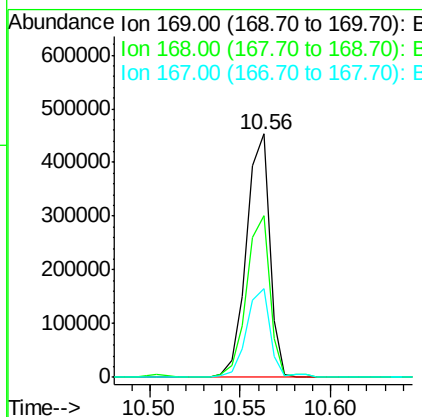
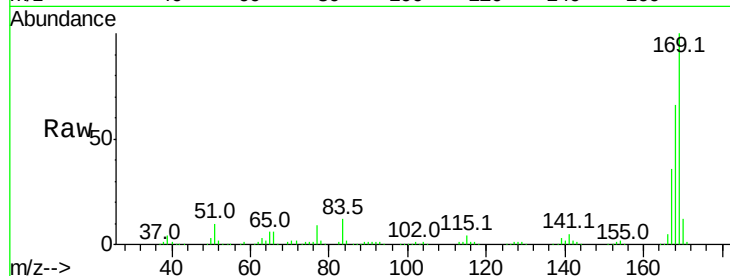
#65
 n-Nitrosodiphenylamine
 Concen: 53.495 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.4	54.4	81.6	
167	36.4	29.8	44.6	

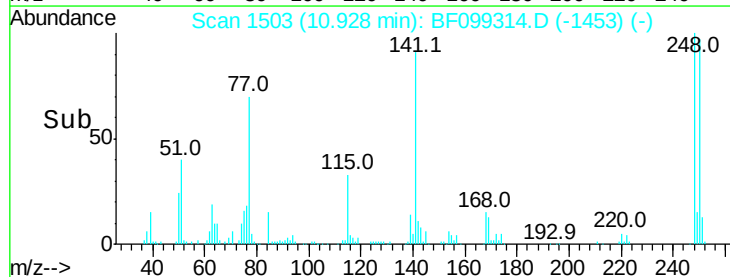
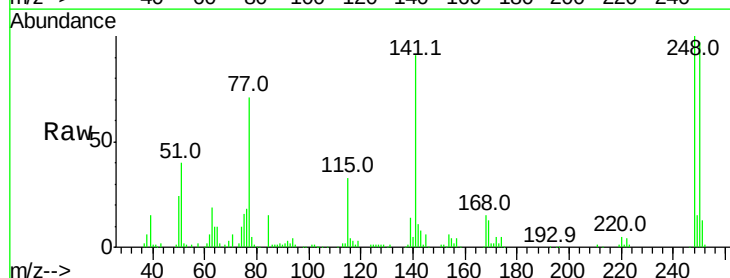
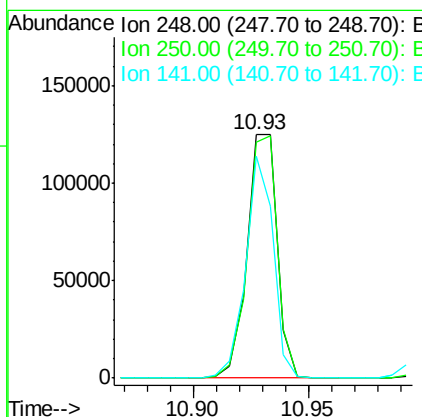
Manual Integrations
 APPROVED

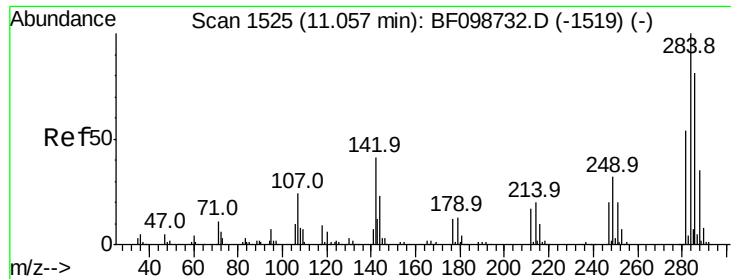
Sohil
 10/11/2017 7:24:03 PM



#66
 4-Bromophenyl-phenylether
 Concen: 53.527 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.7	76.9	115.3	
141	91.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 48.603 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

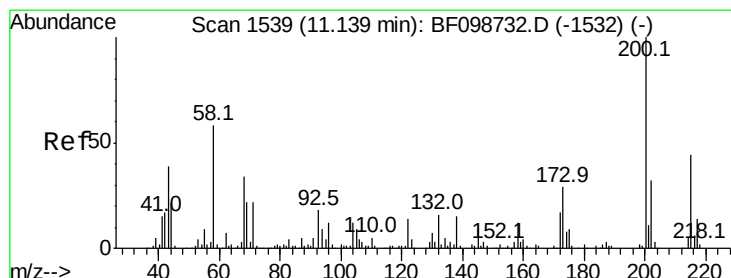
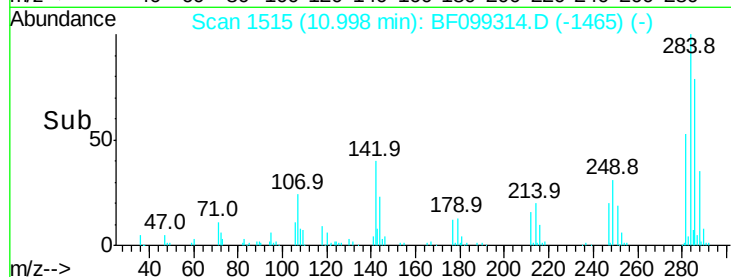
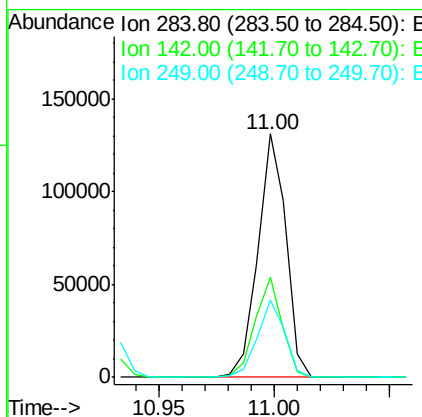
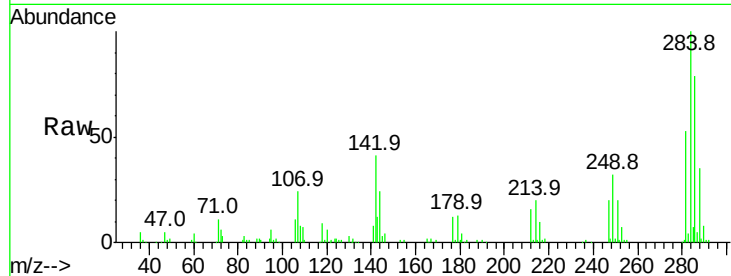
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	284	Resp:	111170
Ion Ratio	Lower	Upper	
284	100		
142	41.1	34.6	52.0
249	31.7	24.8	37.2

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#68

Atrazine

Concen: 51.357 ng

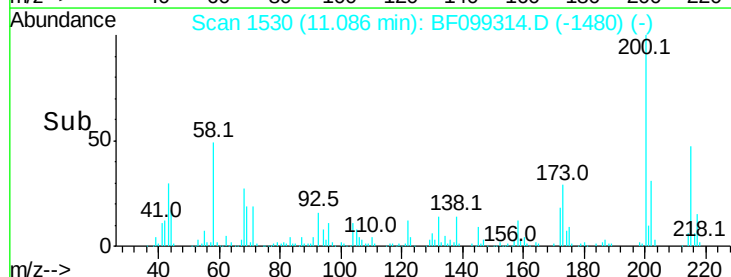
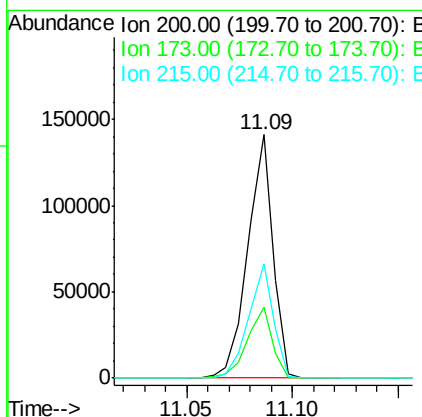
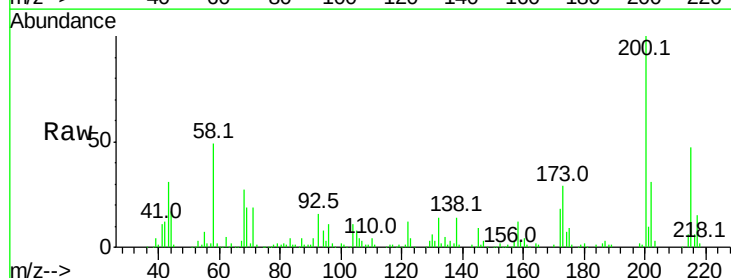
RT: 11.09 min Scan# 1530

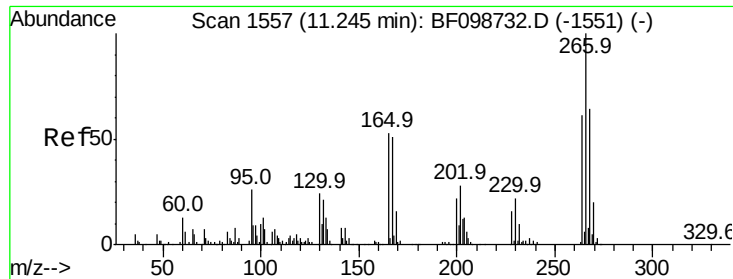
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	200	Resp:	117116
Ion Ratio	Lower	Upper	
200	100		
173	29.3	8.6	48.6
215	46.9	25.1	65.1





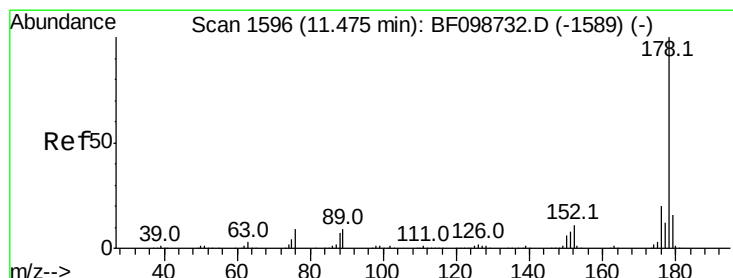
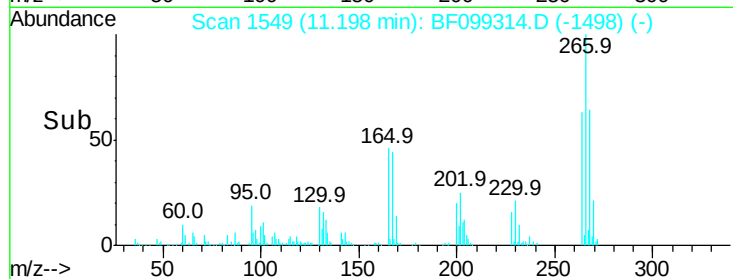
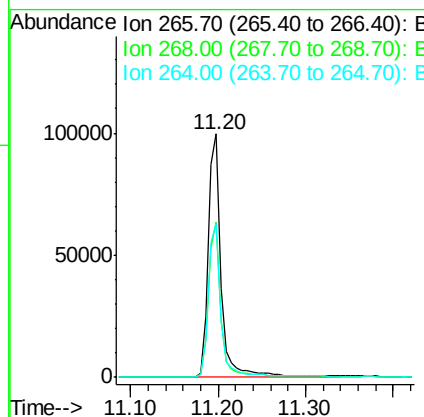
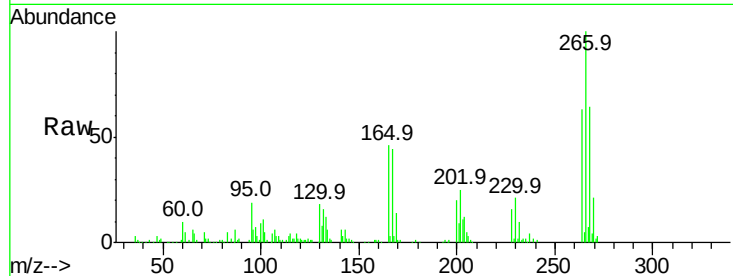
#69
 Pentachlorophenol
 Concen: 72.831 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	103677		
268	63.7	51.1	76.7	
264	63.5	49.5	74.3	

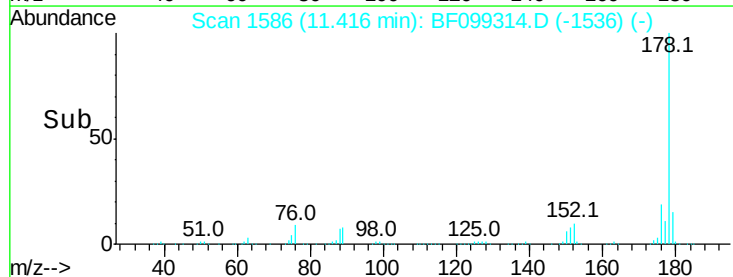
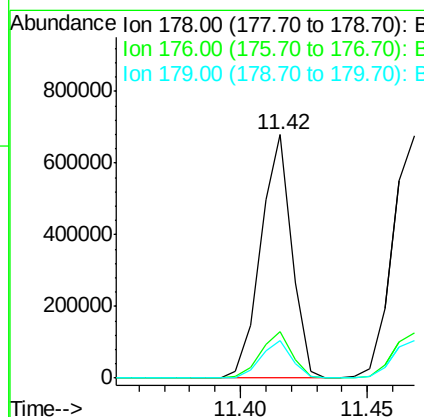
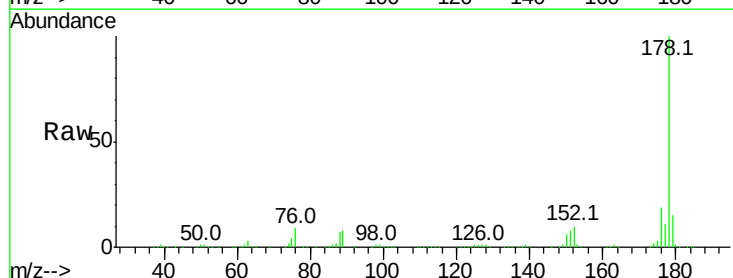
Manual Integrations
 APPROVED

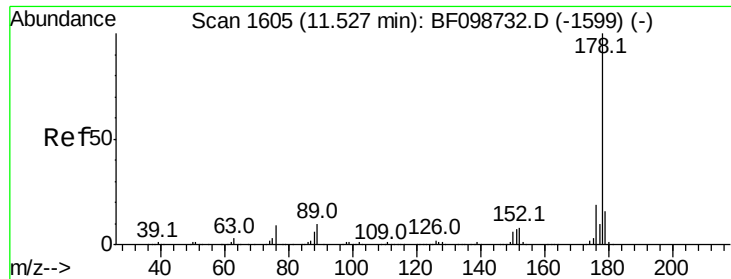
Sohil
 10/11/2017 7:24:03 PM



#70
 Phenanthrene
 Concen: 49.181 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	575965		
176	19.1	15.8	23.8	
179	15.4	13.0	19.6	





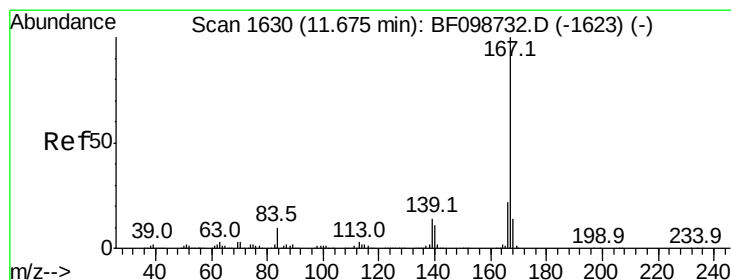
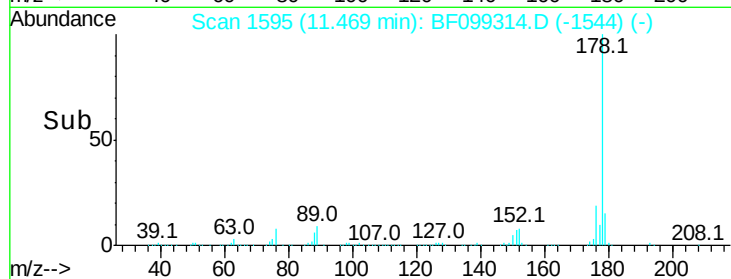
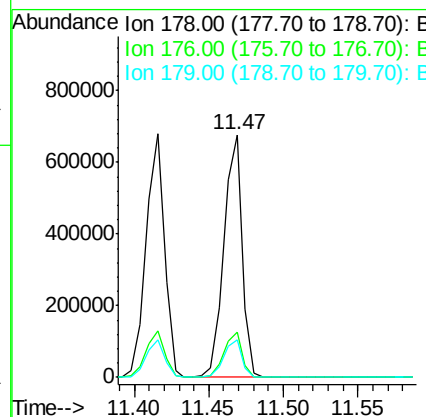
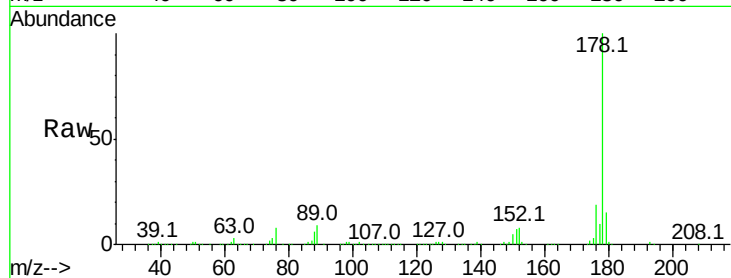
#71
 Anthracene
 Concen: 49.002 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	19.0

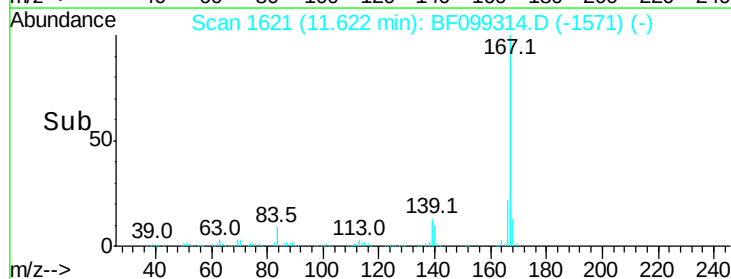
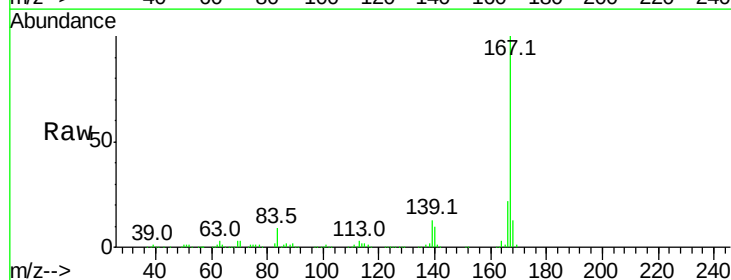
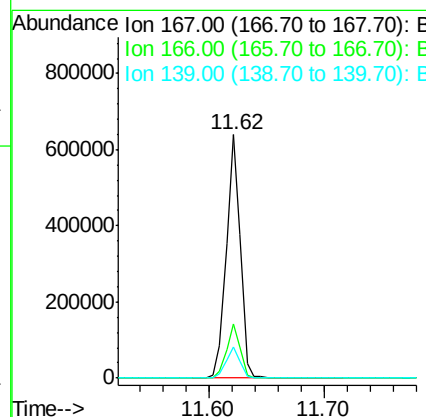
Manual Integrations
 APPROVED

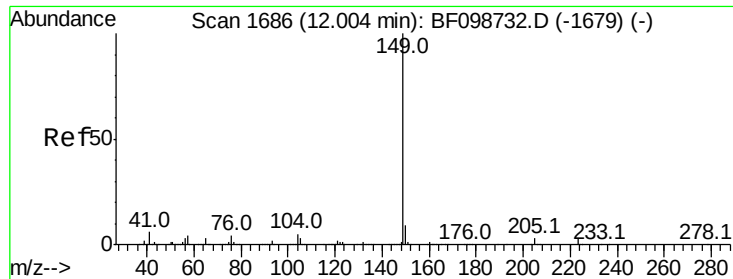
Sohil
 10/11/2017 7:24:03 PM



#72
 Carbazole
 Concen: 45.889 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.946 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

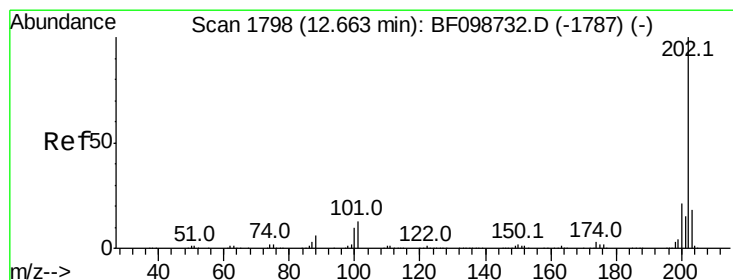
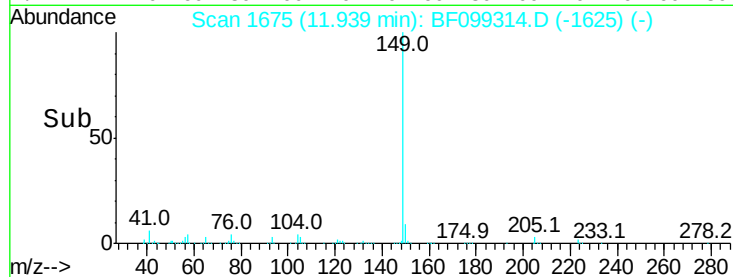
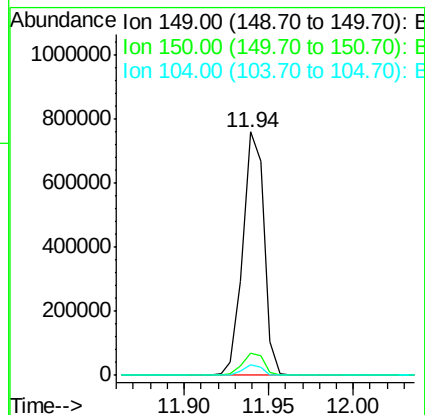
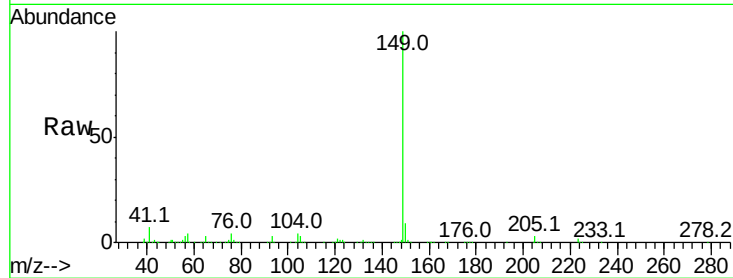
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	149	Resp:	663075
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.3	3.8	5.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#74

Fluoranthene

Concen: 47.444 ng

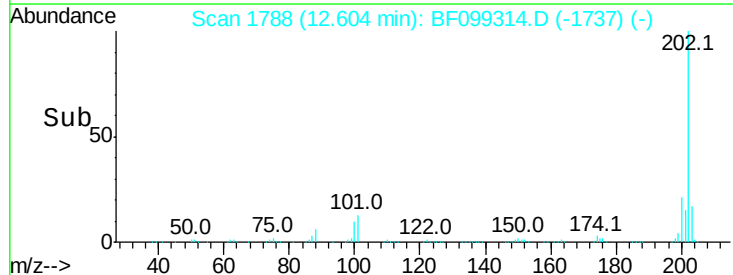
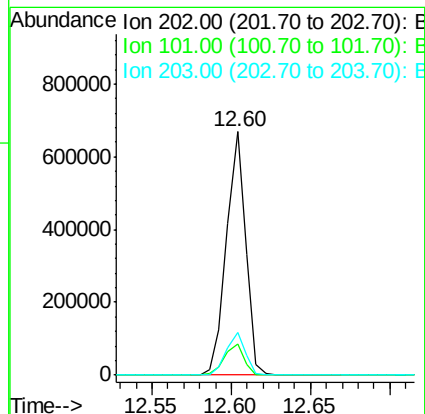
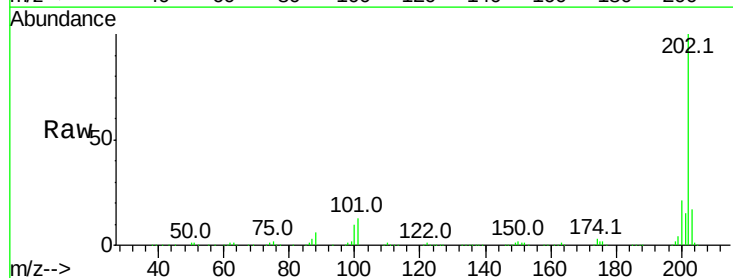
RT: 12.60 min Scan# 1788

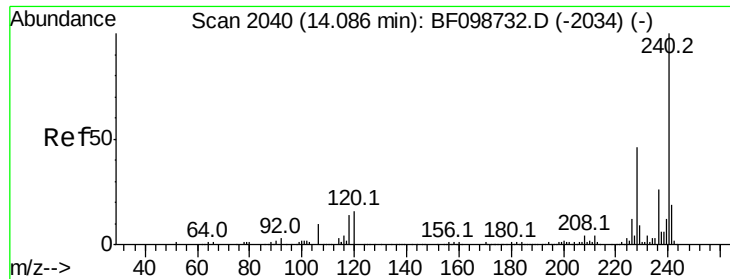
Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	202	Resp:	562626
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

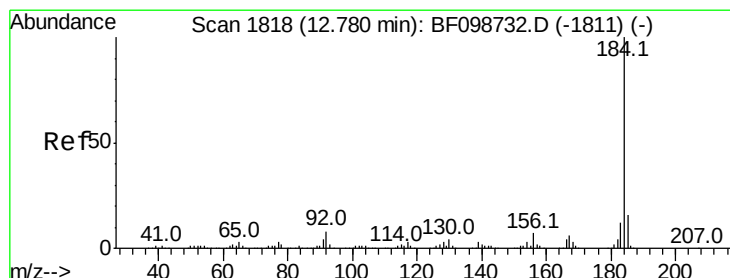
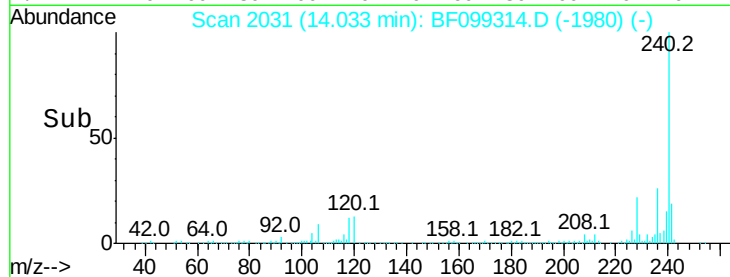
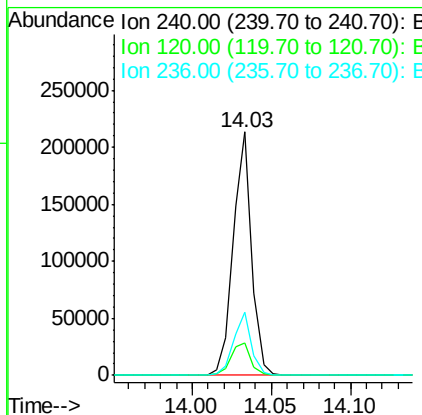
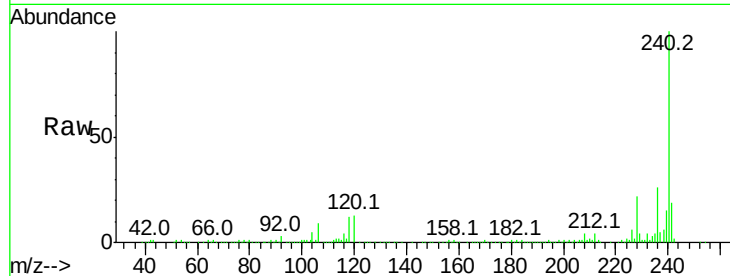
ClientSampleId :

HR-06-100617-AMSD

Tot Ion:	240	Resp:	171723
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#76

Benzidine

Concen: 30.675 ng

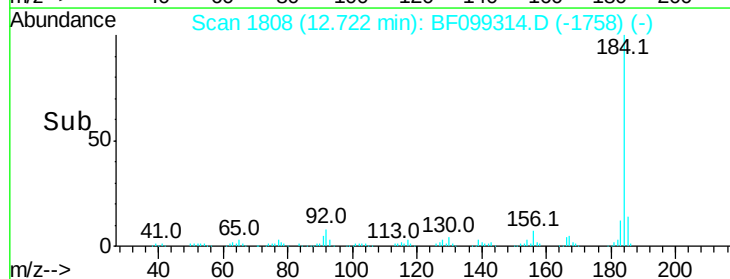
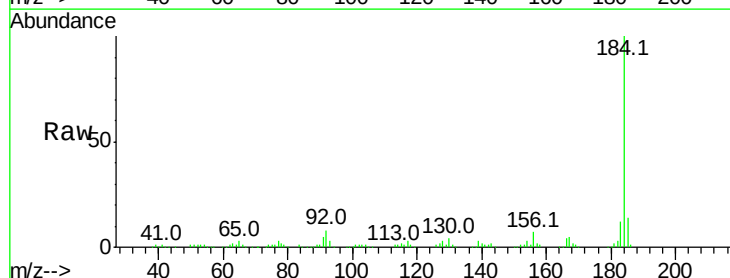
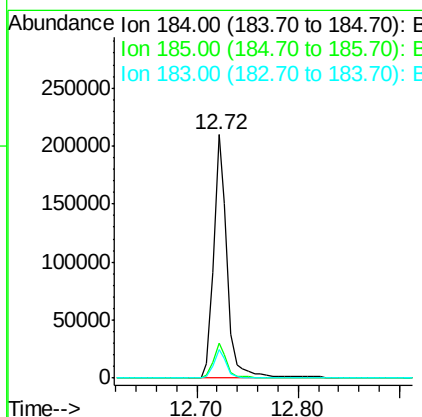
RT: 12.72 min Scan# 1808

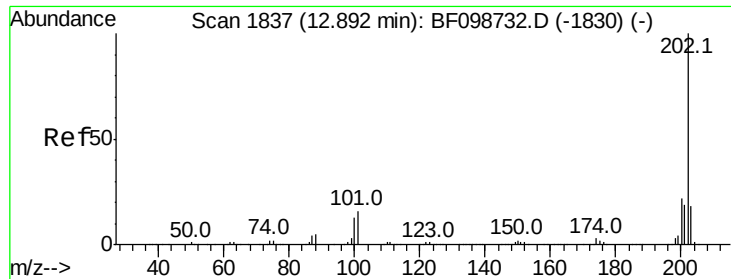
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion:	184	Resp:	194831
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 44.661 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Instrument :

BNA_F

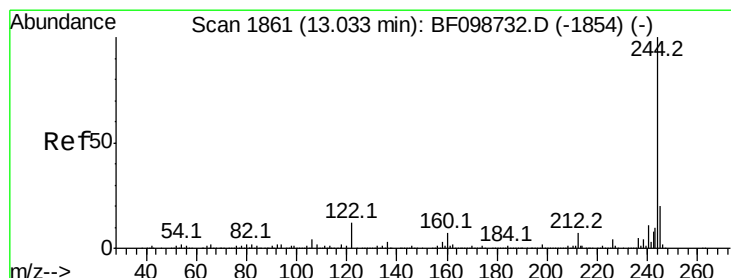
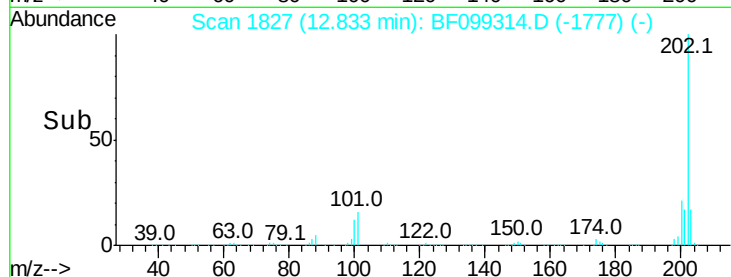
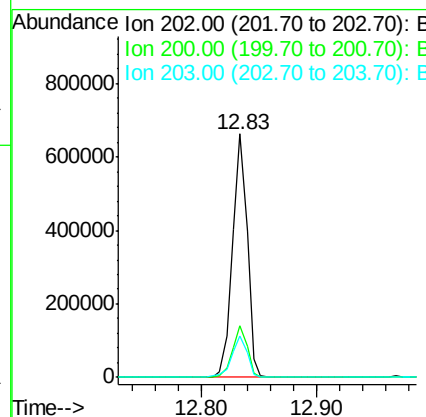
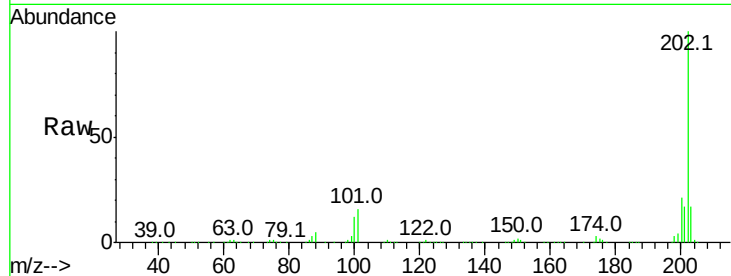
ClientSampleId :

HR-06-100617-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.2	
203	17.1	14.3	21.5	

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:03 PM



#78

Terphenyl-d14

Concen: 90.689 ng

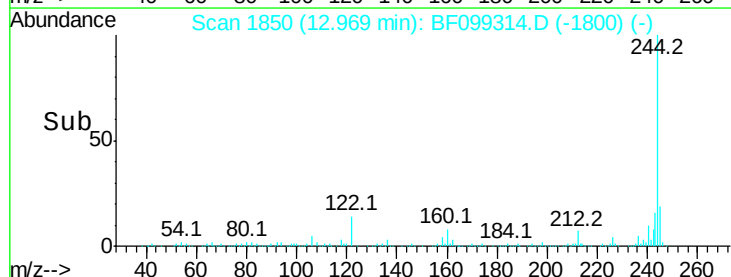
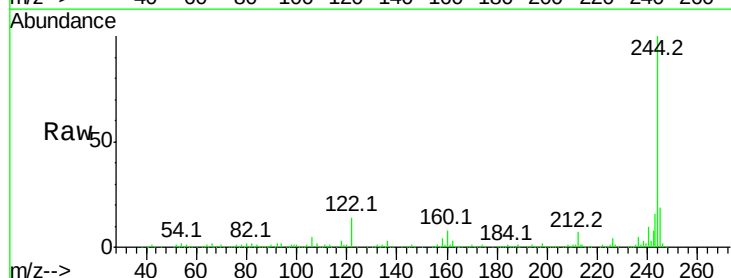
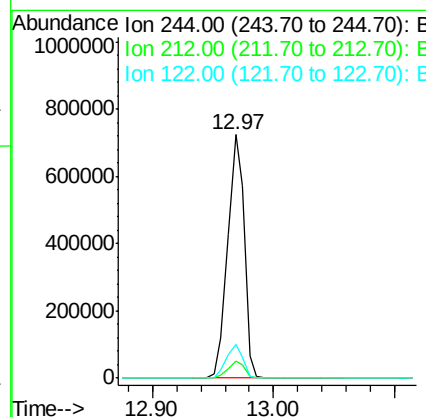
RT: 12.97 min Scan# 1850

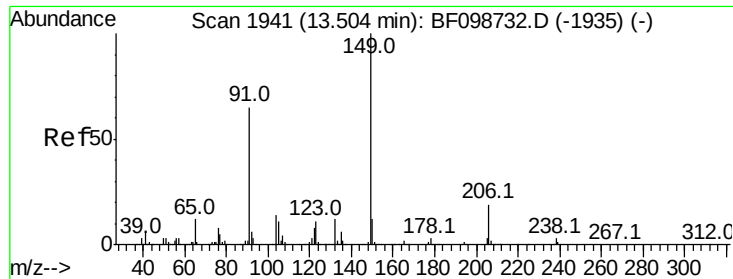
Delta R.T. -0.01 min

Lab File: BF099314.D

Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.4	8.0	
122	14.0	11.0	16.4	





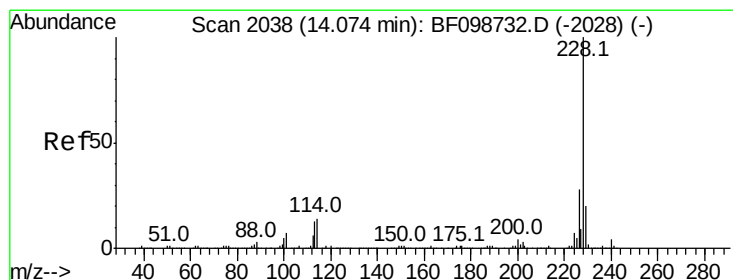
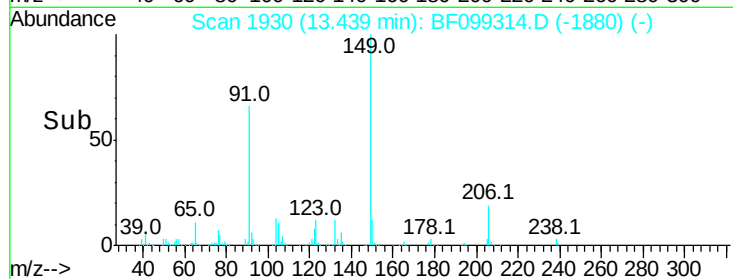
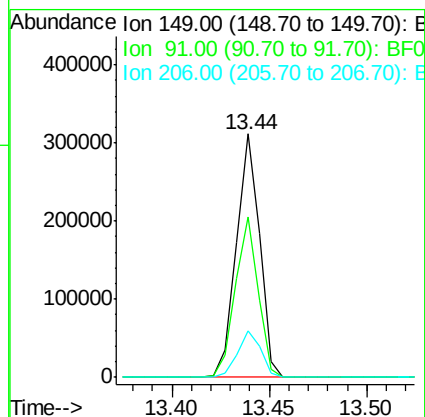
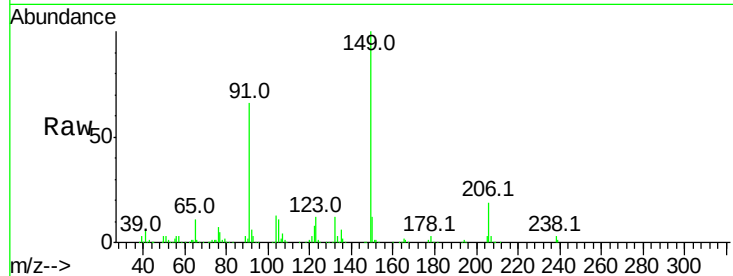
#79
Butylbenzylphthalate
Concen: 41.765 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	65.9	56.8	85.2
206	18.8	14.1	21.1

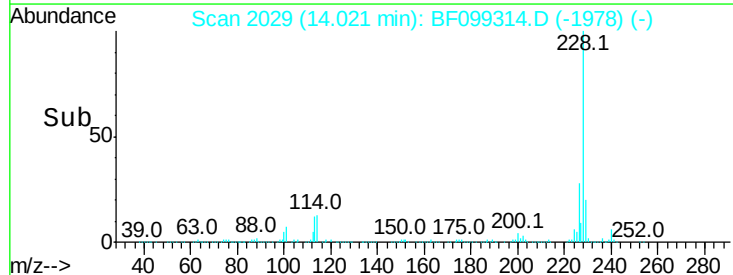
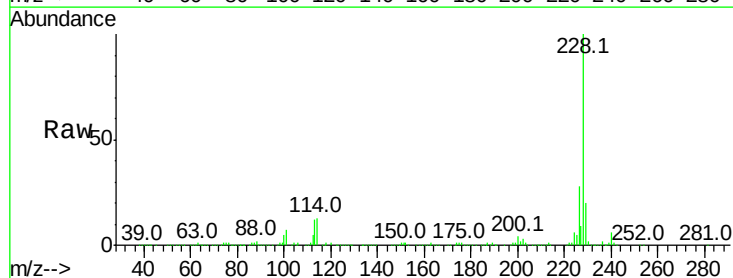
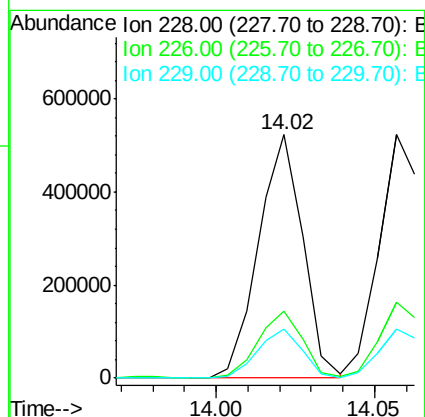
Manual Integrations
APPROVED

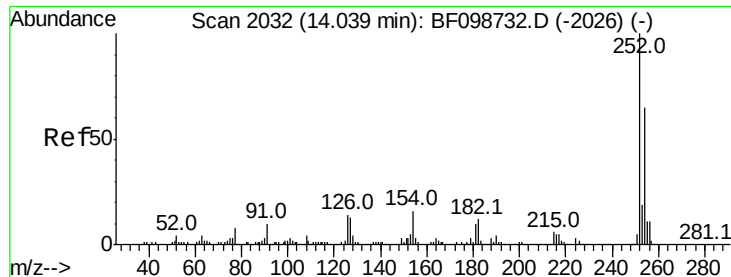
Sohil
10/11/2017 7:24:03 PM



#80
Benzo(a)anthracene
Concen: 48.764 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	15.8	23.6





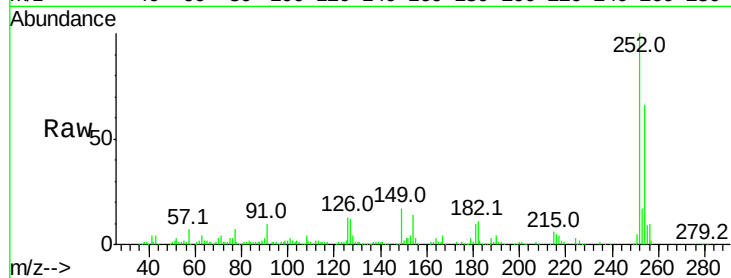
#81
 3,3'-Dichlorobenzidine
 Concen: 39.822 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

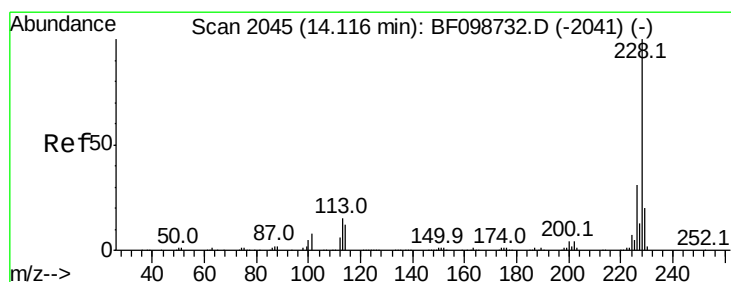
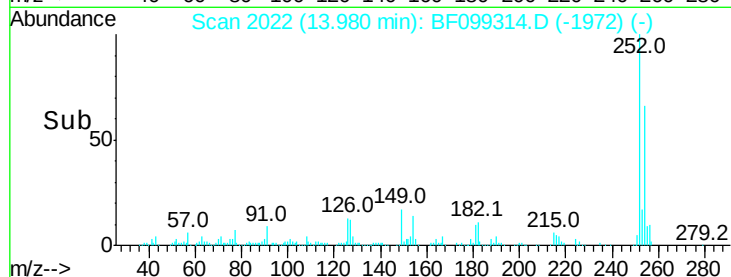
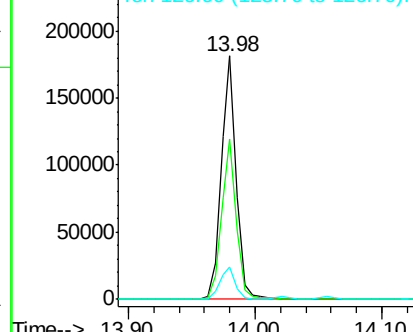
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	50.4	75.6
126	13.4	11.3	16.9

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:24:03 PM



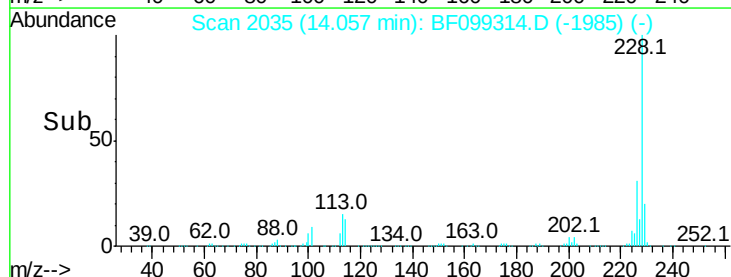
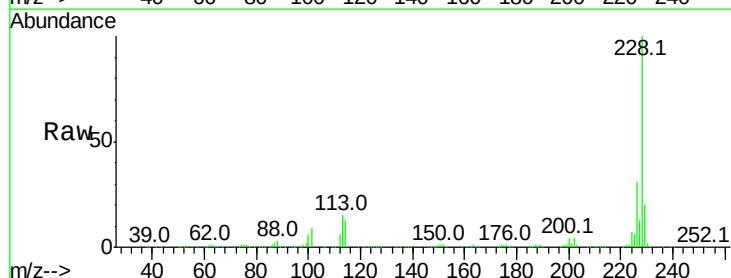
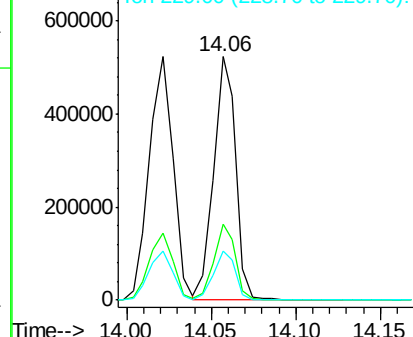
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

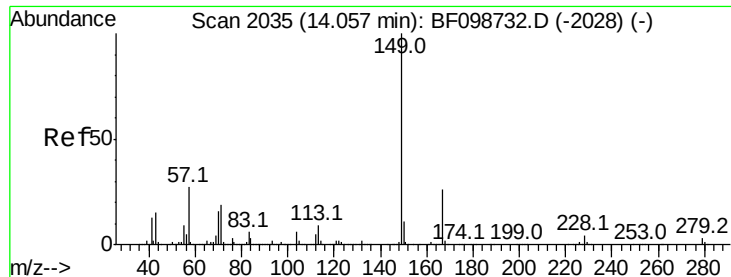


#82
 Chrysene
 Concen: 48.197 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4

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





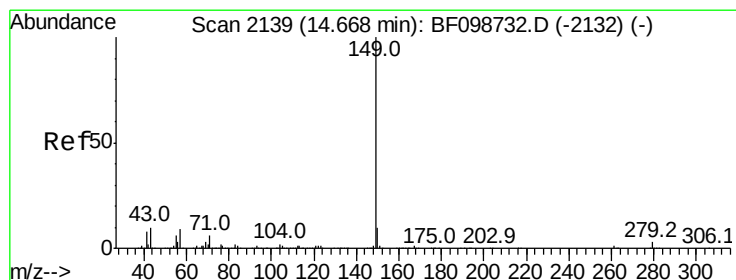
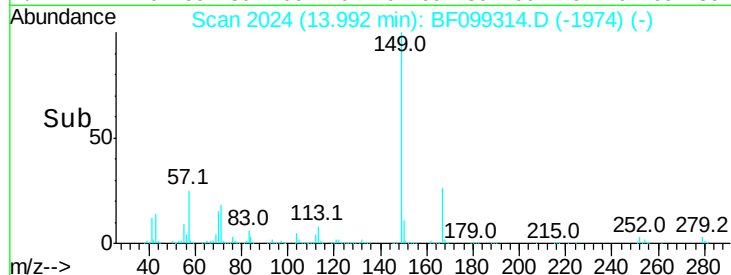
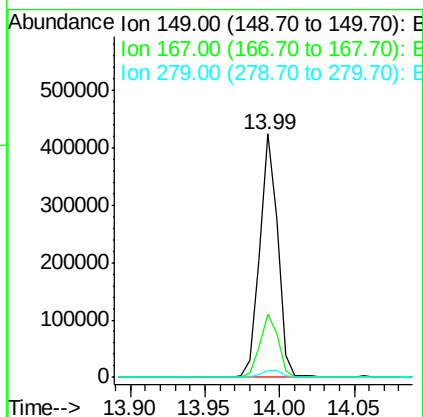
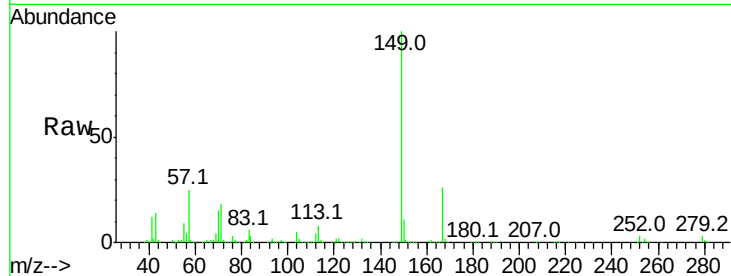
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.168 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.9	3.0	4.4#

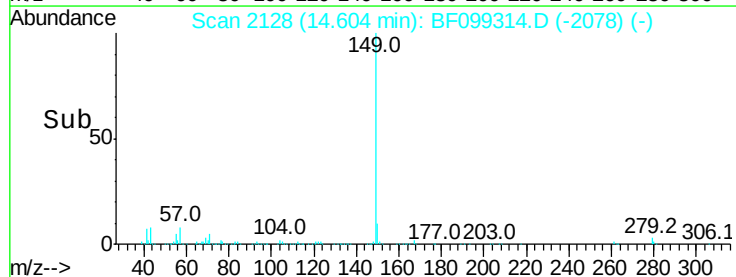
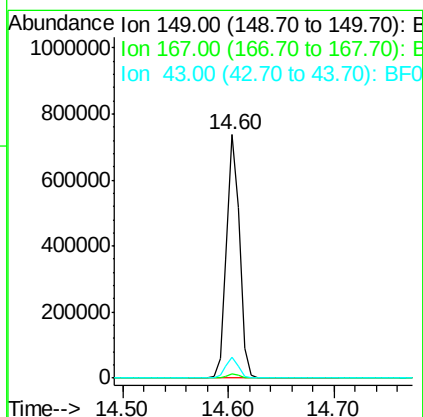
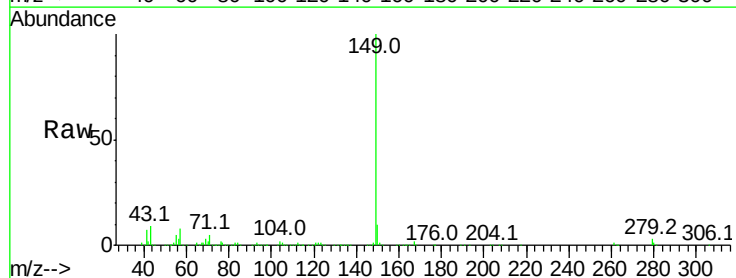
Manual Integrations
 APPROVED

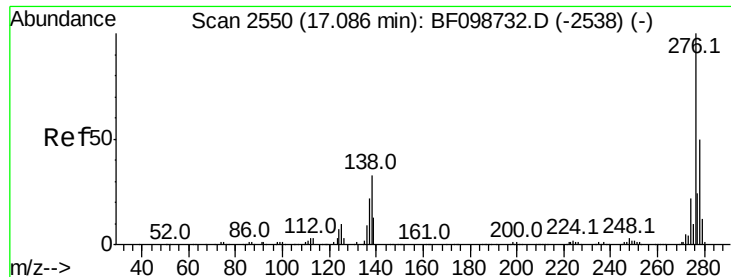
Sohil
 10/11/2017 7:24:03 PM



#84
 Di-n-octyl phthalate
 Concen: 46.243 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.2	8.4	12.6#





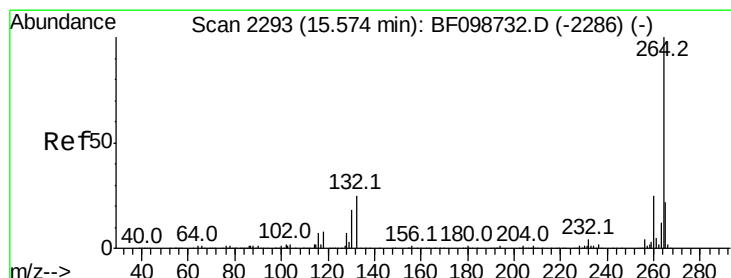
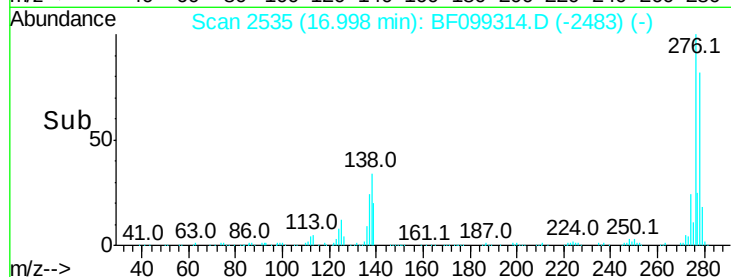
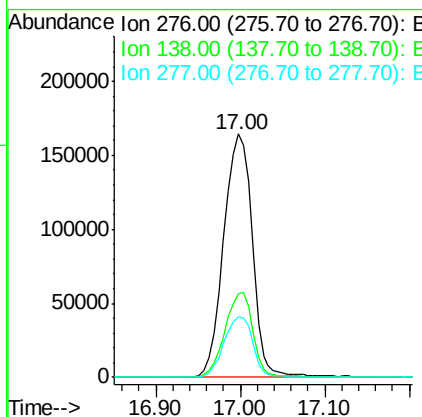
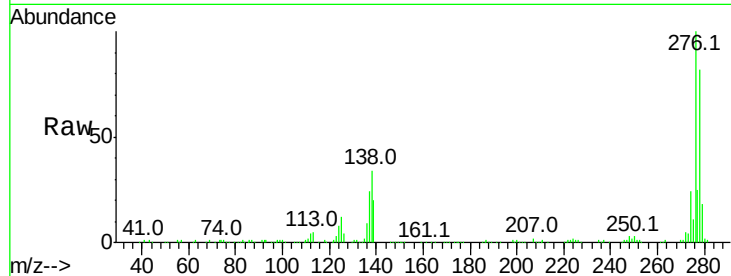
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.817 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.3	20.1	30.1

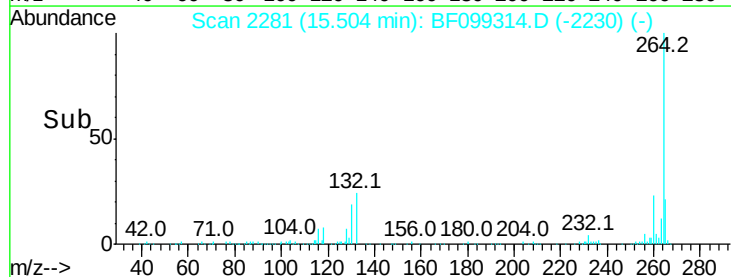
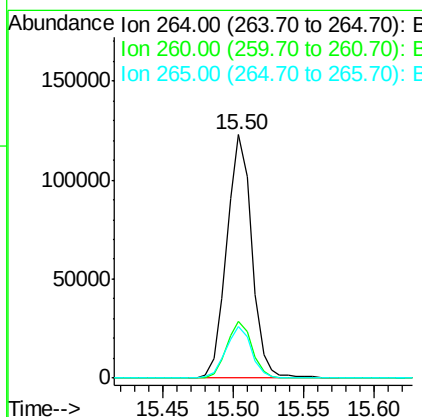
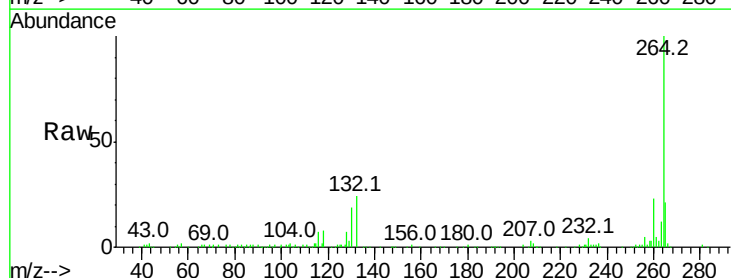
Manual Integrations
APPROVED

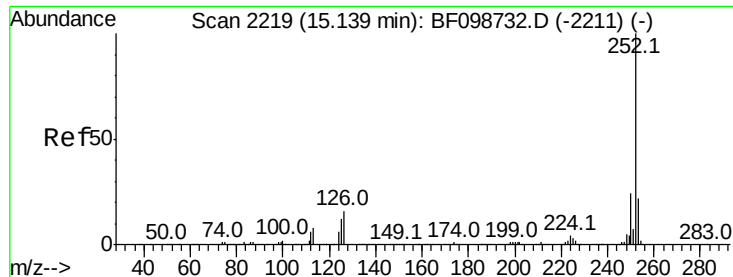
Sohil
10/11/2017 7:24:03 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3





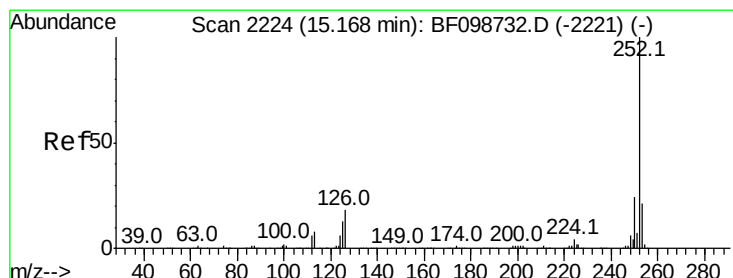
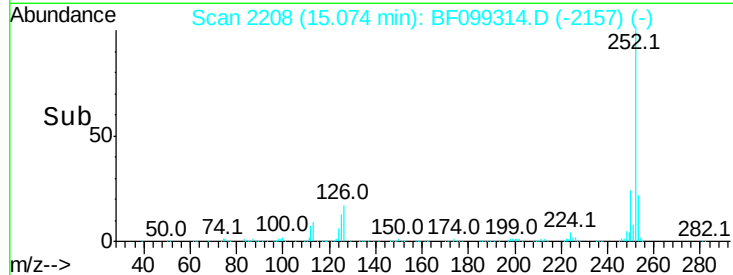
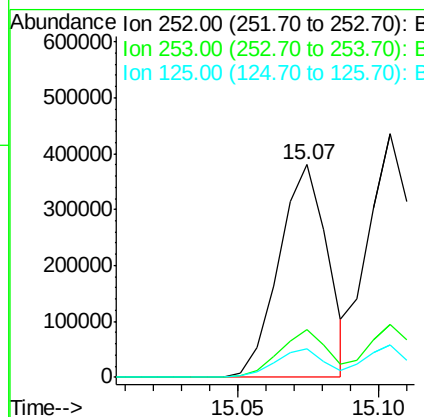
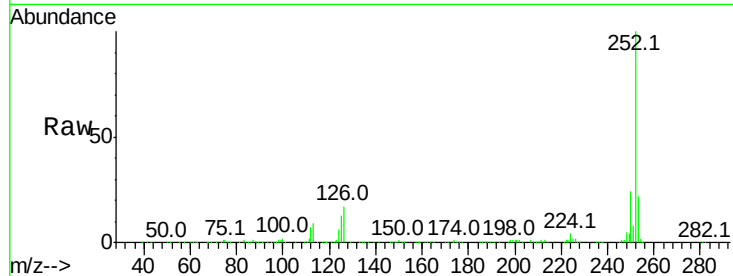
#87
Benzo(b)fluoranthene
Concen: 48.571 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.3	9.0	13.6

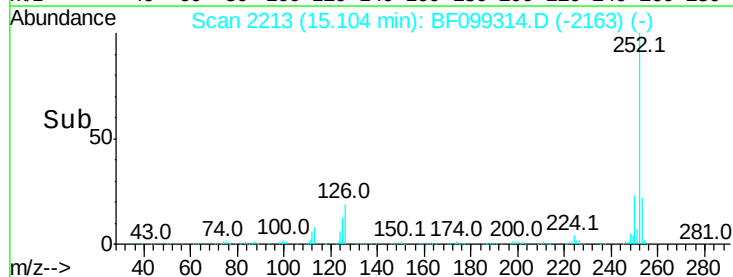
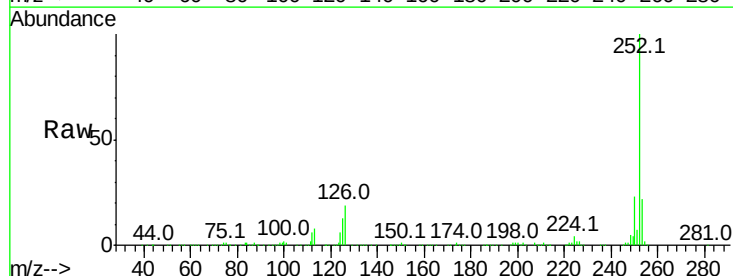
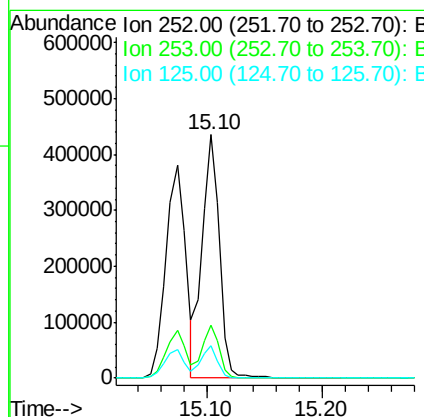
Manual Integrations
APPROVED

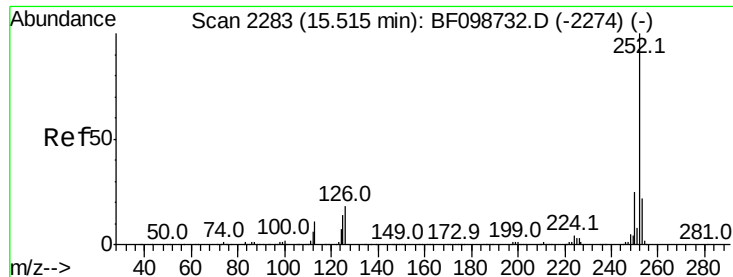
Sohil
10/11/2017 7:24:03 PM



#88
Benzo(k)fluoranthene
Concen: 49.725 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.1	10.2	15.2





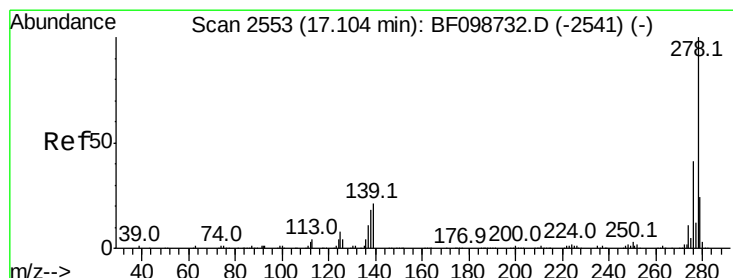
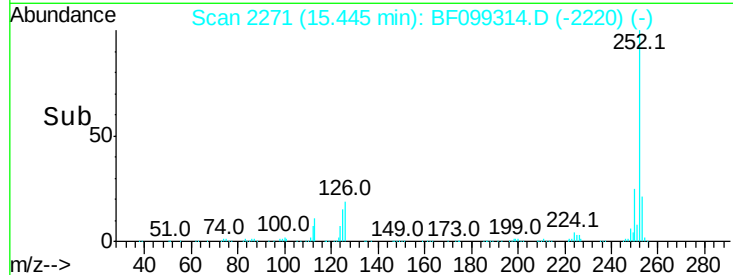
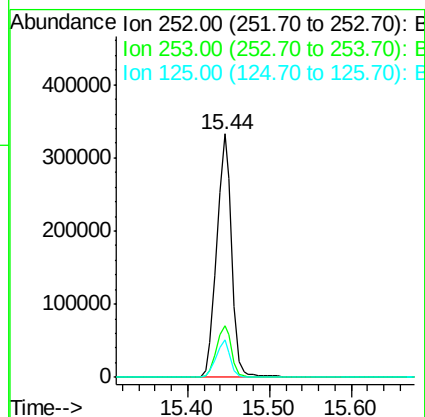
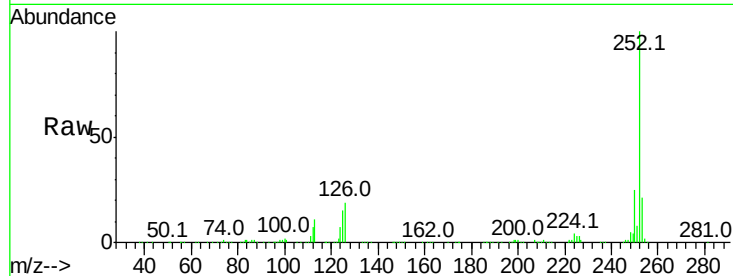
#89
Benzo(a)pyrene
Concen: 49.595 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	15.3	9.8	14.6

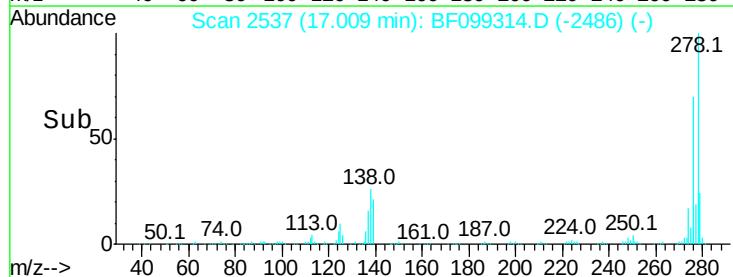
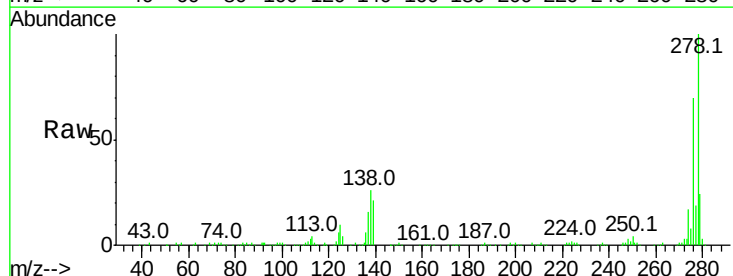
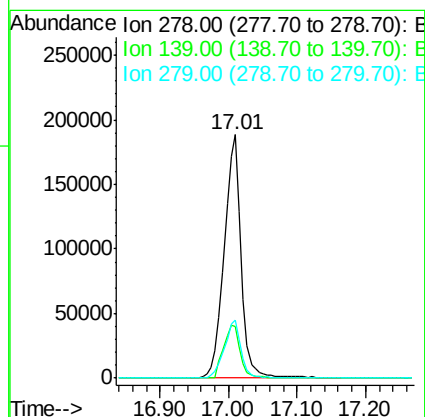
Manual Integrations
APPROVED

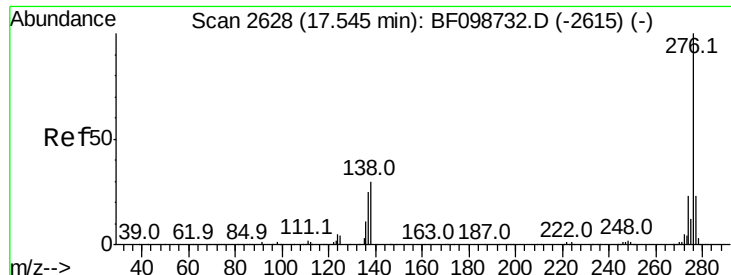
Sohil
10/11/2017 7:24:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.185 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF099314.D
Acq: 10 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	23.8	19.0	28.4





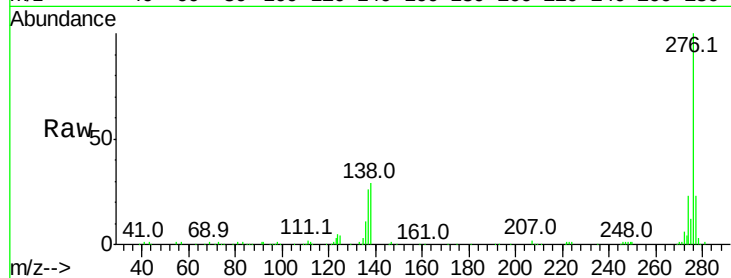
#91
 Benzo(a,h,i)perylene
 Concen: 45.991 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099314.D
 Acq: 10 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	29.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:24:03 PM



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

