

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098539.D
 Acq On : 14 Sep 2017 20:27
 Operator : SJ/JU
 Sample : I5161-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Manual Integrations
 APPROVED

Quant Time: Sep 15 05:50:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139632	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	581073	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	258378	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	414300	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	269567	20.00	ng	-0.01
86) Perylene-d12	15.20	264	304067	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	779629	82.55	ng	-0.01
7) Phenol-d6	6.31	99	972316	81.09	ng	-0.01
23) Nitrobenzene-d5	7.22	82	566512	54.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	159821	92.68	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	895006	58.71	ng	-0.02
78) Terphenyl-d14	12.74	244	582795	46.67	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	92074	18.889	ng	90
3) Pyridine	2.97	79	217461	16.799	ng	# 84
4) n-Nitrosodimethylamine	2.92	42	136503	21.509	ng	96
6) Aniline	6.33	93	75269	5.004	ng	# 1
8) 2-Chlorophenol	6.45	128	285826	27.523	ng	99
9) Benzaldehyde	6.20	77	168561	21.504	ng	98
10) Phenol	6.32	94	401944	28.860	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	414347	39.459	ng	97
12) 1,3-Dichlorobenzene	6.59	146	267897	25.630	ng	98
13) 1,4-Dichlorobenzene	6.66	146	270961m	25.308	ng	
14) 1,2-Dichlorobenzene	6.82	146	258573	26.508	ng	99
15) Benzyl Alcohol	6.80	79	240620	30.152	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	407506	23.586	ng	# 25
17) 2-Methylphenol	6.93	107	227038	26.811	ng	# 88
18) Hexachloroethane	7.16	117	93345	22.766	ng	91
19) n-Nitroso-di-n-propylamine	7.07	70	206192	27.338	ng	96
20) 3+4-Methylphenols	7.09	107	365875	34.237	ng	# 63
22) Acetophenone	7.06	105	407258	27.118	ng	# 91
24) Nitrobenzene	7.24	77	292852	24.667	ng	95
25) Isophorone	7.47	82	531888	25.222	ng	99
26) 2-Nitrophenol	7.56	139	145977	30.453	ng	92
27) 2,4-Dimethylphenol	7.60	122	223998	24.513	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	339350	26.372	ng	99
29) 2,4-Dichlorophenol	7.81	162	228550	30.073	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	232489	28.122	ng	99
31) Naphthalene	7.96	128	839219	29.215	ng	99
32) Benzoic acid	7.73	122	92808	20.596	ng	99
33) 4-Chloroaniline	8.03	127	207061	17.736	ng	98
34) Hexachlorobutadiene	8.07	225	115509	27.217	ng	96
35) Caprolactam	8.38	113	73284	27.963	ng	# 65
36) 4-Chloro-3-methylphenol	8.51	107	252563	26.797	ng	85
37) 2-Methylnaphthalene	8.65	142	514882	29.591	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	212431	26.394	ng	99
40) Hexachlorocyclopentadiene	8.79	237	18420	16.686	ng	96

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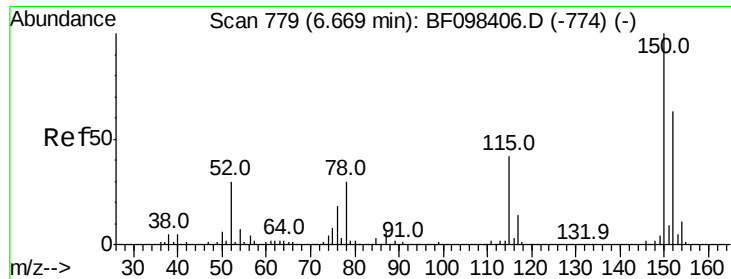
Manual Integrations
 APPROVED

Quant Time: Sep 15 05:50:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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 QLast Update : Tue Sep 12 02:14:50 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	8.93	196	149256	31.573	nq	93	
43) 2,4,5-Trichlorophenol	8.98	196	153018	30.968	nq	95	
45) 1,1'-Biphenyl	9.11	154	603442	26.093	nq	99	9/15/2017 5:43:53 PM
46) 2-Chloronaphthalene	9.13	162	460558	27.885	nq	94	
47) 2-Nitroaniline	9.24	65	163494	25.791	nq	96	
48) Acenaphthylene	9.55	152	676214	27.536	nq	99	
49) Dimethylphthalate	9.42	163	708430	35.420	nq	99	
50) 2,6-Dinitrotoluene	9.48	165	120928	29.435	nq	#	78
51) Acenaphthene	9.72	154	445985	28.570	nq	96	
52) 3-Nitroaniline	9.65	138	106035	21.381	nq	92	
53) 2,4-Dinitrophenol	9.77	184	17706	16.671	nq	#	77
54) Dibenzofuran	9.89	168	603689	29.355	nq	98	
55) 4-Nitrophenol	9.83	139	144821	50.827	nq	#	50
56) 2,4-Dinitrotoluene	9.89	165	144769	28.985	nq	#	53
57) Fluorene	10.23	166	494126	29.029	nq	99	
58) 2,3,4,6-Tetrachlorophenol	10.02	232	106730	32.140	nq	94	
59) Diethylphthalate	10.11	149	527540	27.734	nq	99	
60) 4-Chlorophenyl-phenylether	10.22	204	217250	27.633	nq	91	
61) 4-Nitroaniline	10.26	138	104499	20.865	nq	89	
62) Azobenzene	10.38	77	491116	23.956	nq	95	
64) 4,6-Dinitro-2-methylphenol	10.30	198	24396	13.572	nq	86	
65) n-Nitrosodiphenylamine	10.35	169	416136	30.934	nq	98	
66) 4-Bromophenyl-phenylether	10.71	248	124969	31.782	nq	99	
67) Hexachlorobenzene	10.78	284	117476	29.454	nq	#	90
68) Atrazine	10.87	200	129484	31.265	nq	99	
69) Pentachlorophenol	10.98	266	86160	51.507	nq	96	
70) Phenanthrene	11.19	178	1131105	51.500	nq	99	
71) Anthracene	11.24	178	715047	31.710	nq	99	
72) Carbazole	11.40	167	569962	27.121	nq	98	
73) Di-n-butylphthalate	11.73	149	692553	27.504	nq	99	
74) Fluoranthene	12.38	202	1220435	55.507	nq	98	
77) Pyrene	12.60	202	1119106	52.626	nq	99	
79) Butylbenzylphthalate	13.22	149	235280	25.504	nq	#	80
80) Benzo(a)anthracene	13.79	228	741336	46.907	nq	99	
81) 3,3'-Dichlorobenzidine	13.76	252	101484	16.523	nq	#	93
82) Chrysene	13.83	228	686348	42.963	nq	99	
83) Bis(2-ethylhexyl)phthalate	13.78	149	356993	30.833	nq	#	98
84) Di-n-octyl phthalate	14.39	149	601696	30.290	nq	99	
85) Indeno(1,2,3-cd)pyrene	16.54	276	574670	51.272	nq	94	
87) Benzo(b)fluoranthene	14.81	252	824152	43.107	nq	97	
88) Benzo(k)fluoranthene	14.83	252	586923m	32.883	nq		
89) Benzo(a)pyrene	15.14	252	720005	42.271	nq	99	
90) Dibenzo(a,h)anthracene	16.55	278	392598	31.686	nq	98	
91) Benzo(g,h,i)perylene	16.95	276	461777	37.054	nq	#	93

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



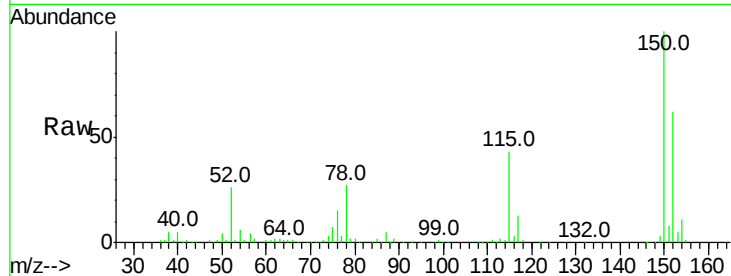
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

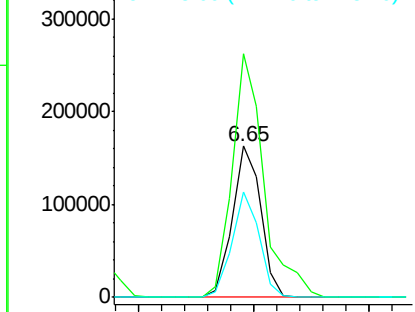
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	69.8	52.2	78.2

Manual Integrations
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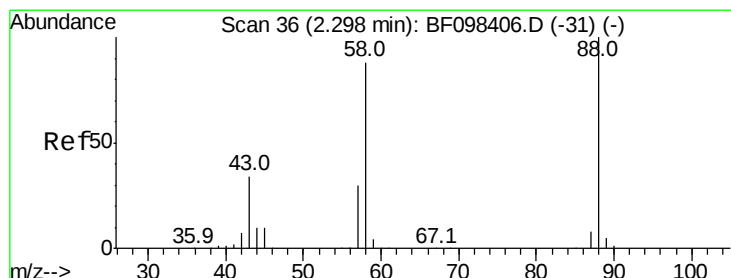
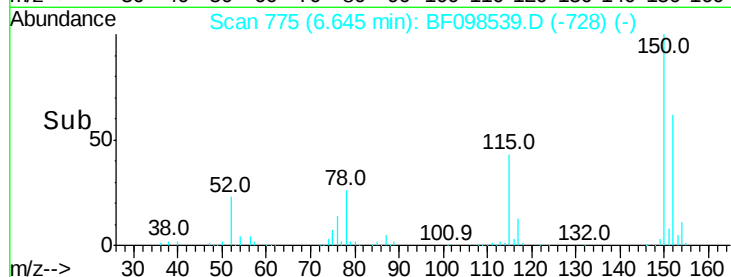


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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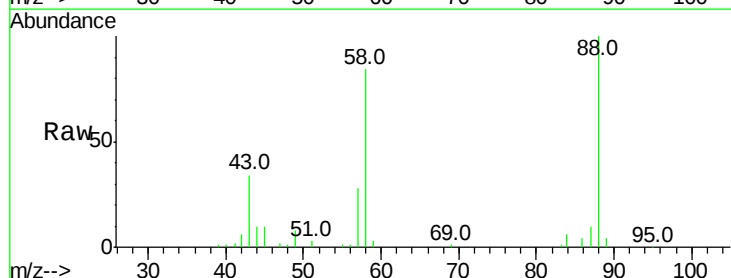
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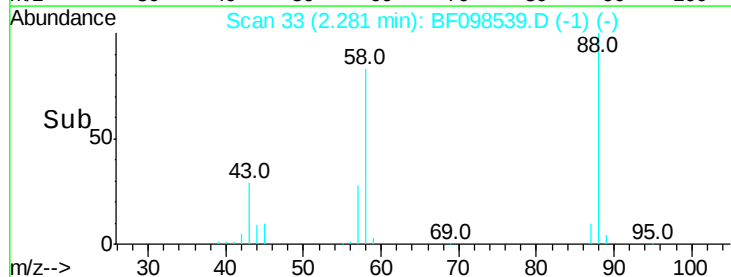
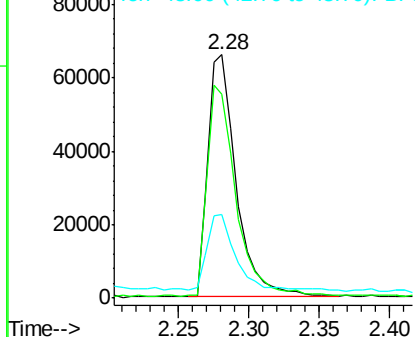
#2

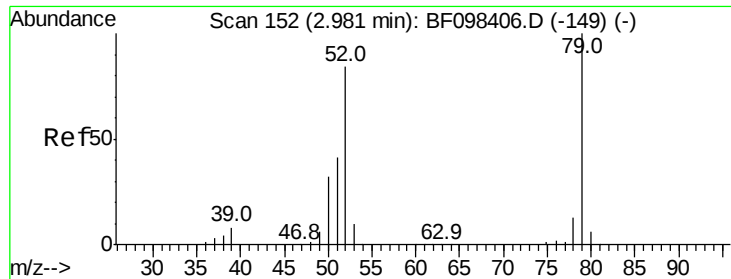
1,4-Dioxane
Concen: 18.889 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	61.4	92.0
43	30.1	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 16.799 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

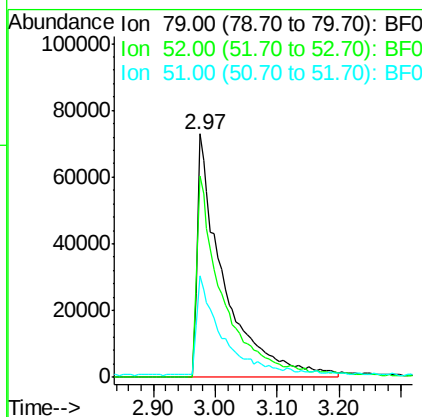
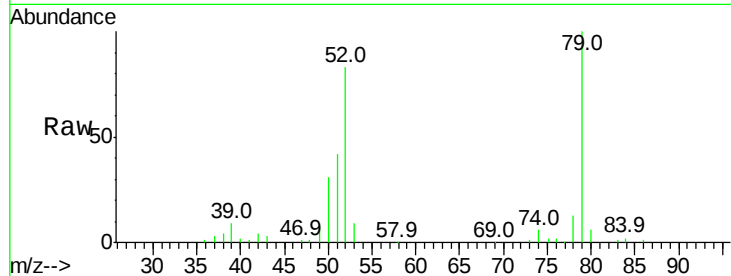
BNA_F

ClientSampleId :

RL-15-0-17.5MSD

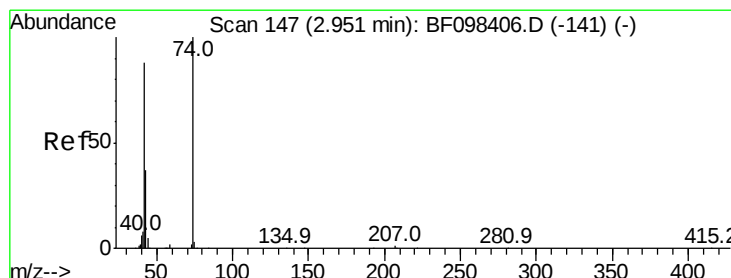
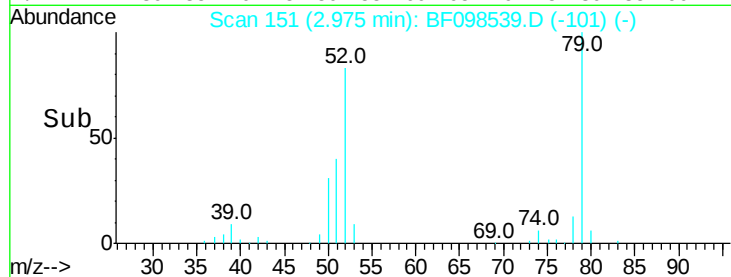
Tot Ion:	79	Resp:	217461
Ion Ratio	Lower	Upper	
79	100		
52	82.6	54.8	82.2#
51	41.5	27.0	40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 21.509 ng

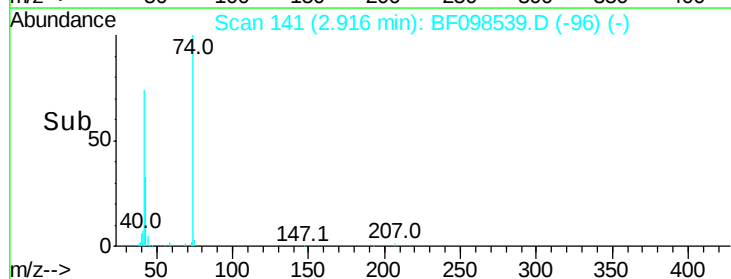
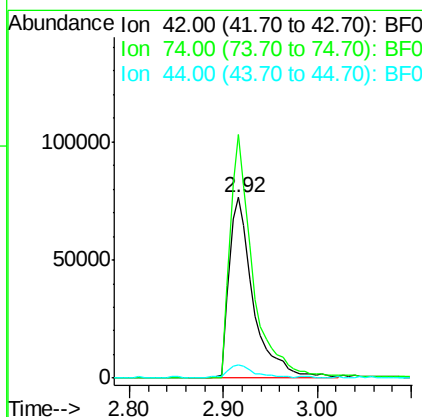
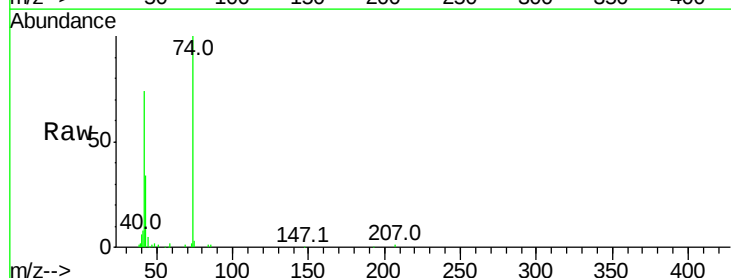
RT: 2.92 min Scan# 141

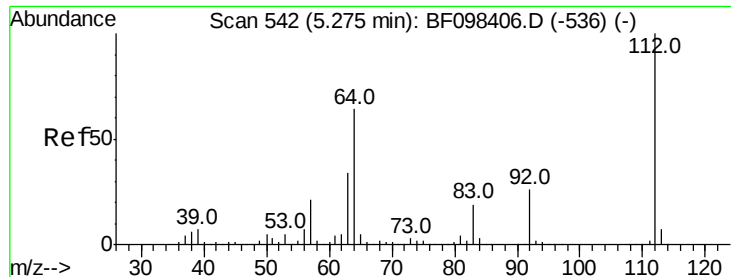
Delta R.T. -0.04 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:	42	Resp:	136503
Ion Ratio	Lower	Upper	
42	100		
74	135.0	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 82.553 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

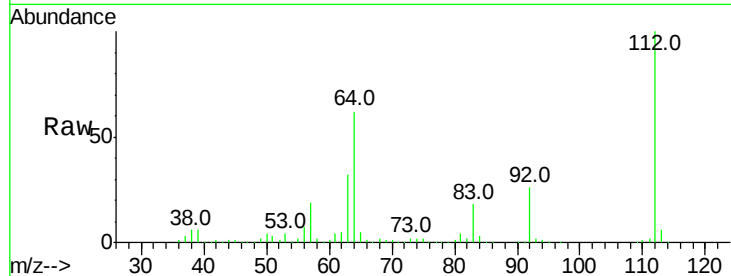
BNA_F

ClientSampleId :

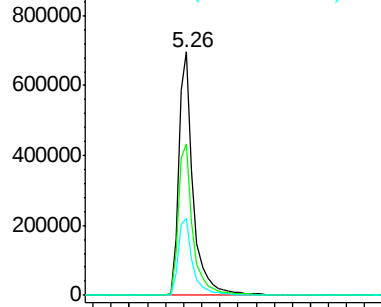
RL-15-0-17.5MSD

Tot Ion:	112	Resp:	779629
Ion Ratio	Lower	Upper	
112	100		
64	62.0	46.0	69.0
63	31.8	23.4	35.0

Manual Integrations
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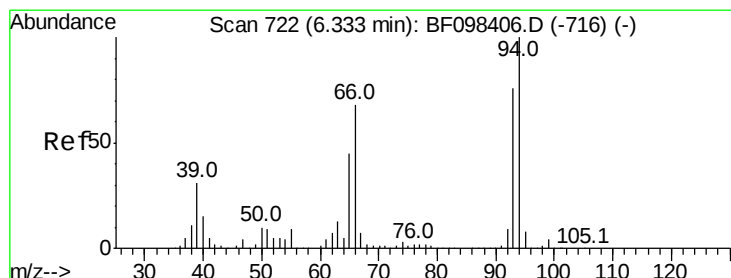
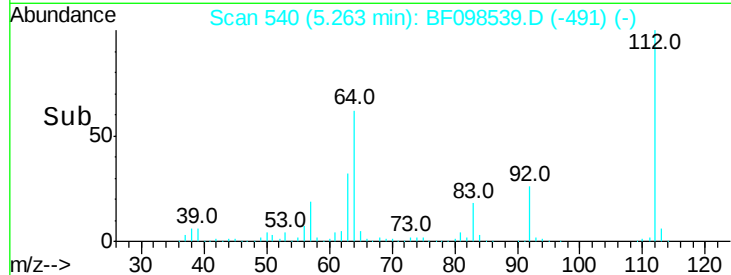


Abundance Ion 112.00 (111.70 to 112.70): E



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#6

Aniline

Concen: 5.004 ng

RT: 6.33 min Scan# 722

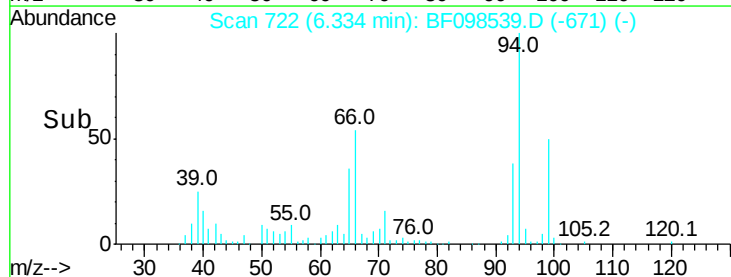
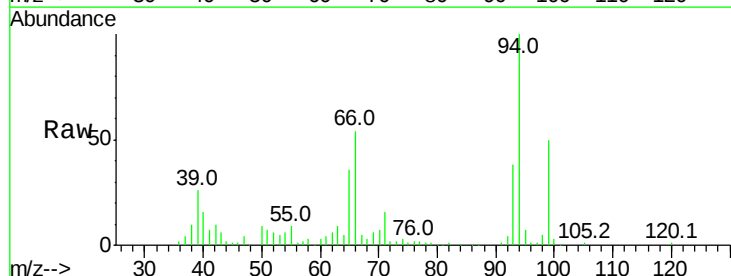
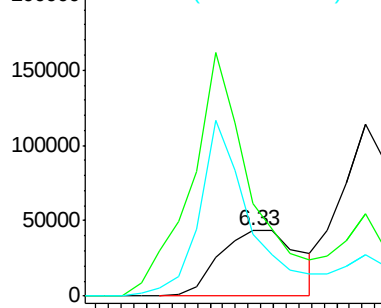
Delta R.T. 0.00 min

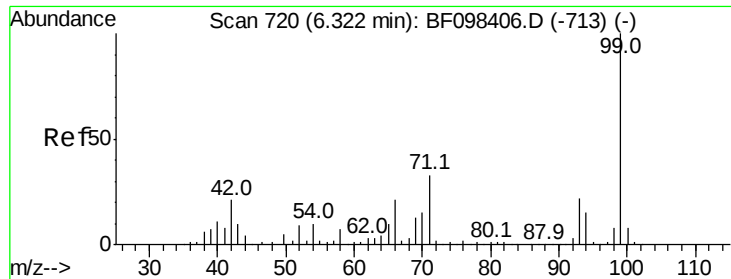
Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:	93	Resp:	75269
Ion Ratio	Lower	Upper	
93	100		
66	141.2	32.9	49.3#
65	93.5	16.0	24.0#

Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 81.089 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

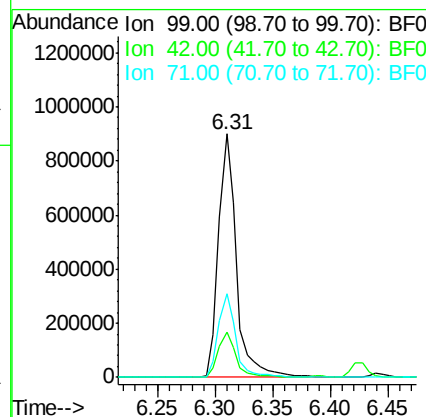
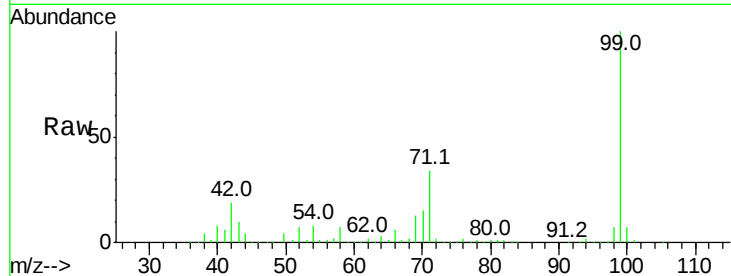
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ClientSampleId :

RL-15-0-17.5MSD

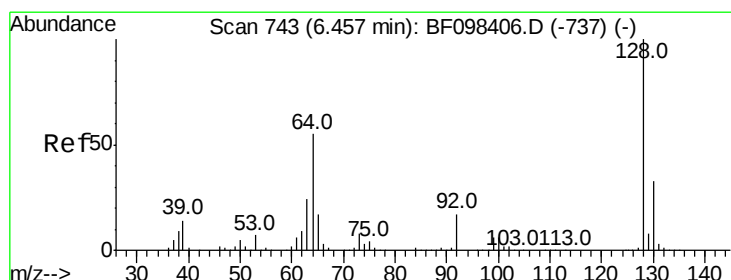
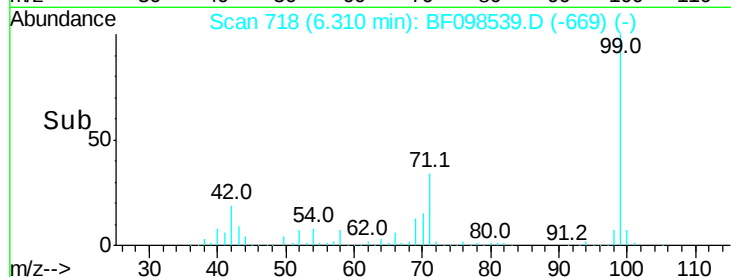
Tot Ion:	99	Resp:	972316
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.5	20.3
71	34.3	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 27.523 ng

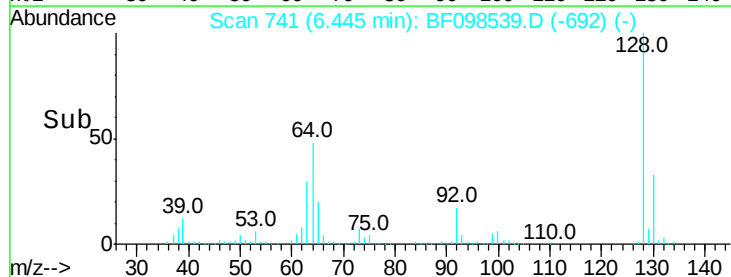
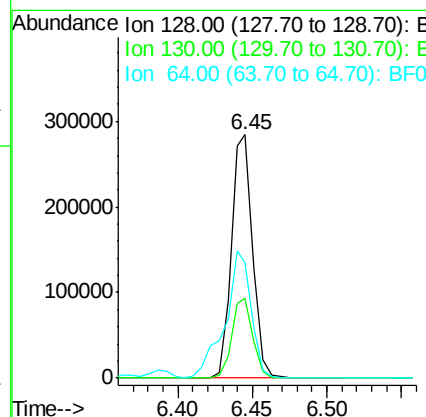
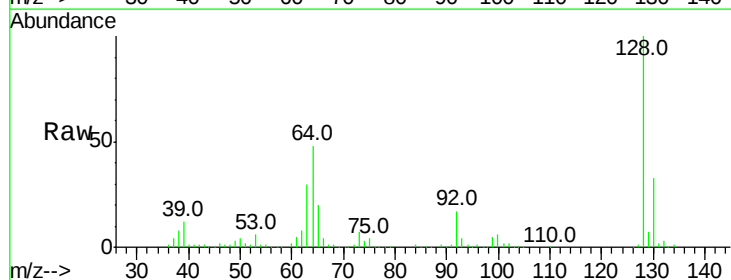
RT: 6.45 min Scan# 741

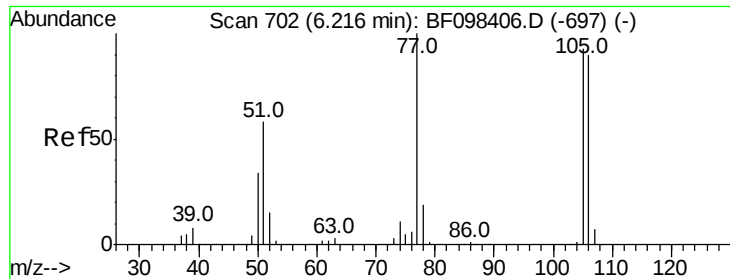
Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:	128	Resp:	285826
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	47.7	28.4	68.4





#9

Benzaldehyde

Concen: 21.504 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

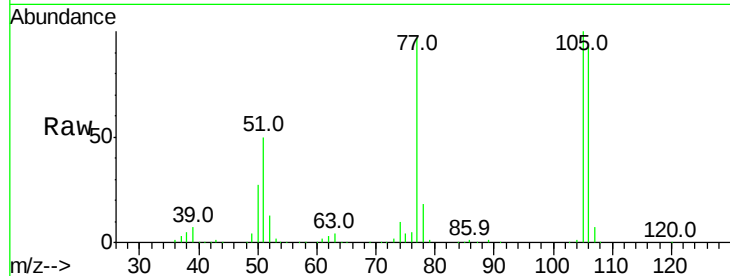
BNA_F

ClientSampleId :

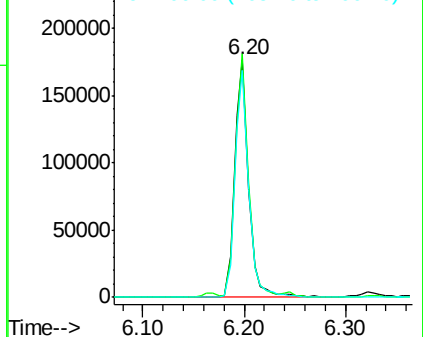
RL-15-0-17.5MSD

Tot Ion:	77	Resp:	168561
Ion Ratio	Lower	Upper	
77	100		
105	102.6	83.8	123.8
106	95.5	79.1	119.1

Manual Integrations
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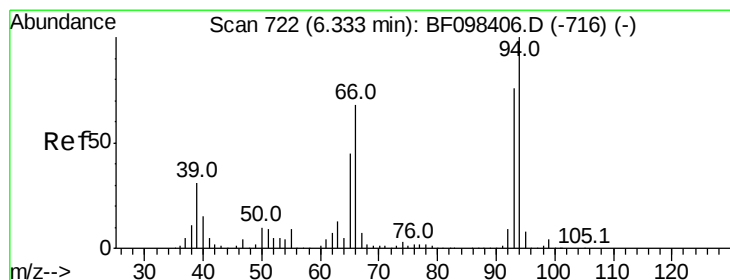
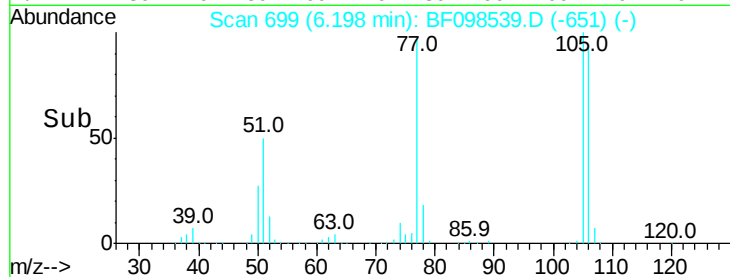


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 28.860 ng

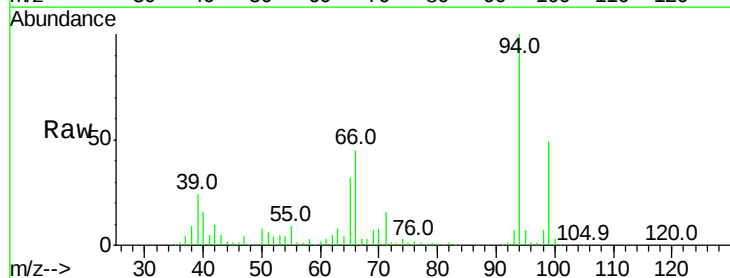
RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

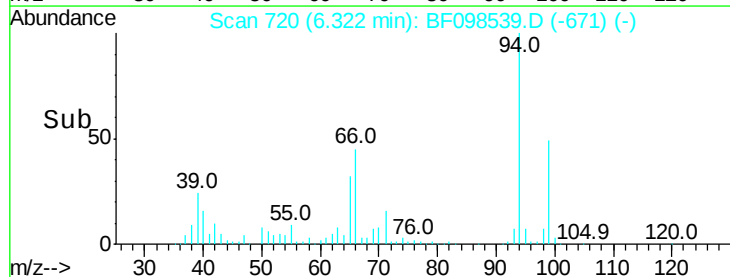
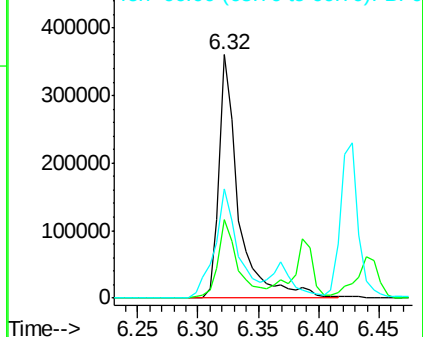
Lab File: BF098539.D

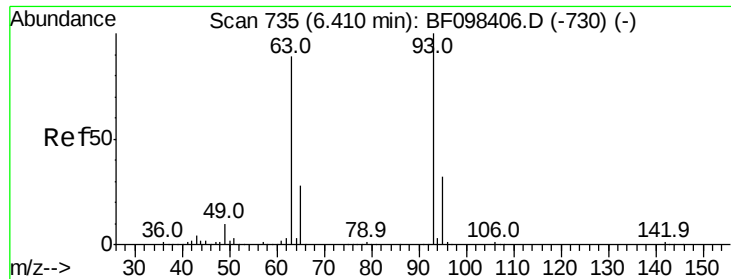
Acq: 14 Sep 2017 20:27

Tgt Ion:	94	Resp:	401944
Ion Ratio	Lower	Upper	
94	100		
65	32.3	9.9	49.9
66	44.8	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



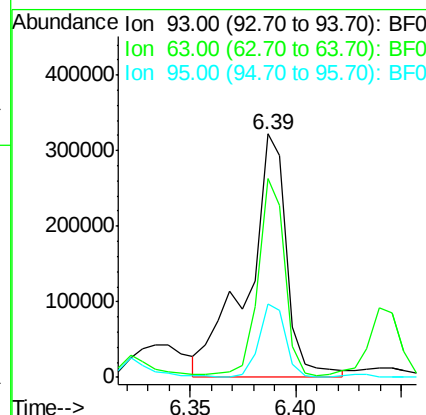
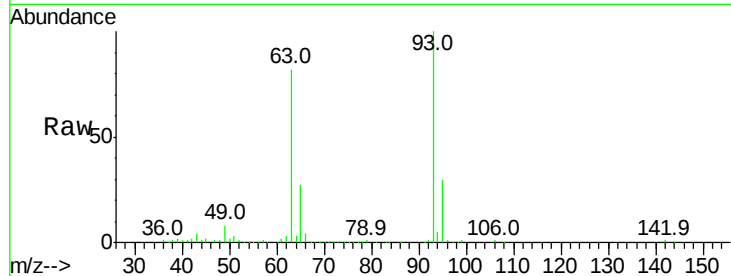


#11
bis(2-Chloroethyl)ether
Concen: 39.459 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

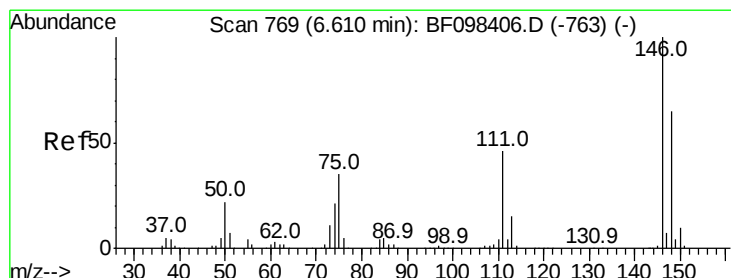
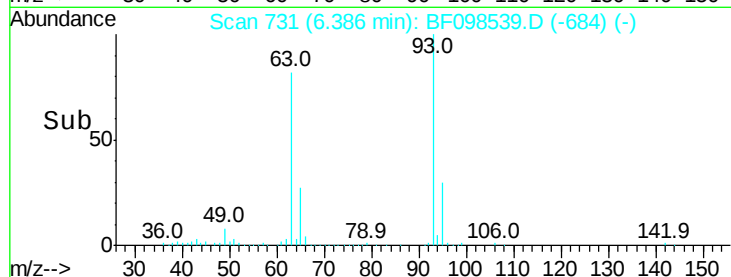
Tot Ion	93	Resp	414347
Ion Ratio	100	Lower	Upper
93	100		
63	81.8	59.2	99.2
95	30.4	12.8	52.8

Manual Integrations
APPROVED



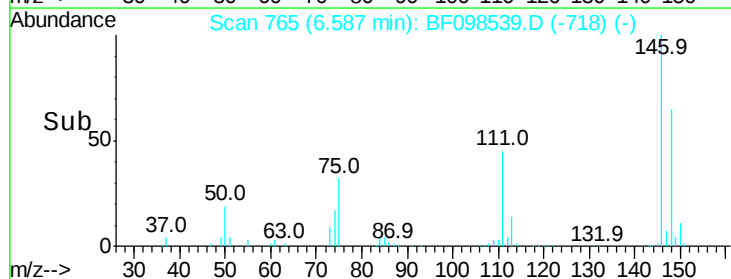
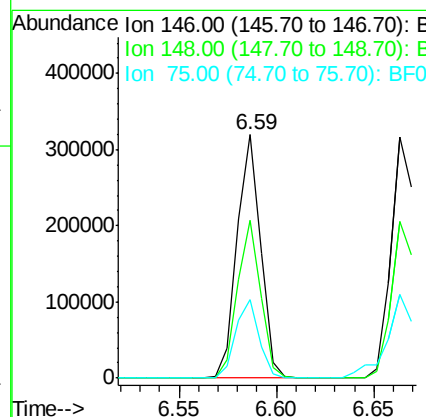
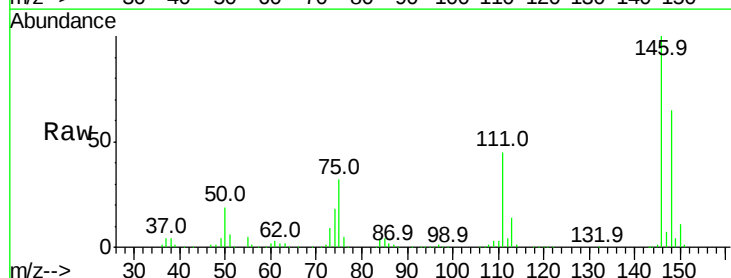
Sohil

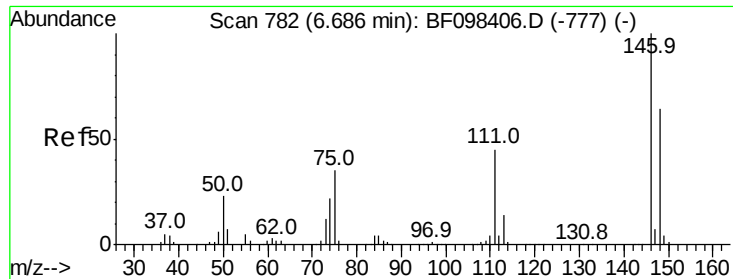
9/15/2017 5:43:53 PM



#12
1,3-Dichlorobenzene
Concen: 25.630 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	146	Resp	267897
Ion Ratio	100	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	32.3	23.1	34.7



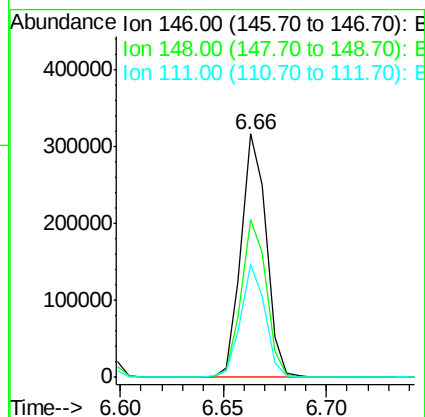
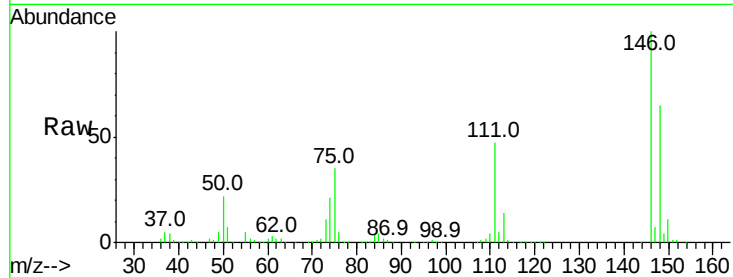


#13
 1,4-Dichlorobenzene
 Concen: 25.308 ng/mL
 RT: 6.66 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

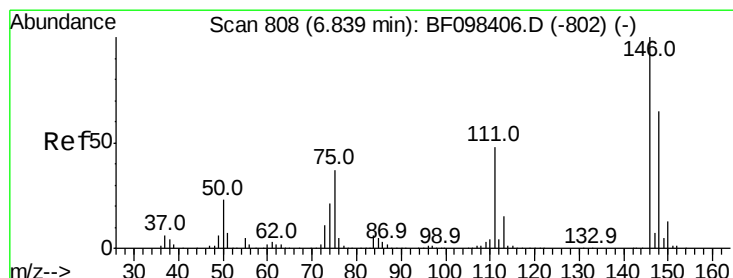
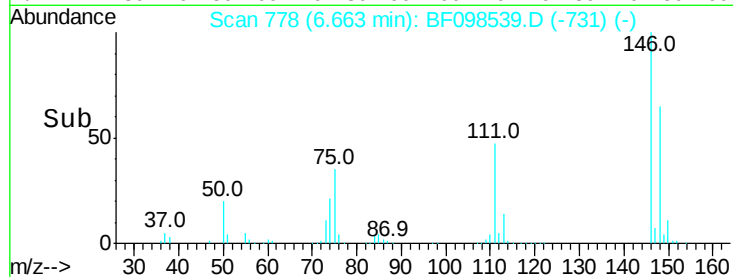
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	46.6	30.3	45.5

Manual Integrations
 APPROVED



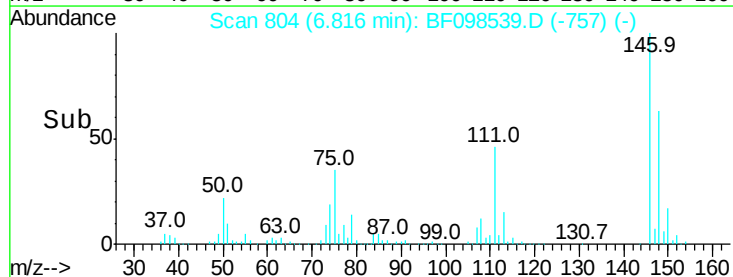
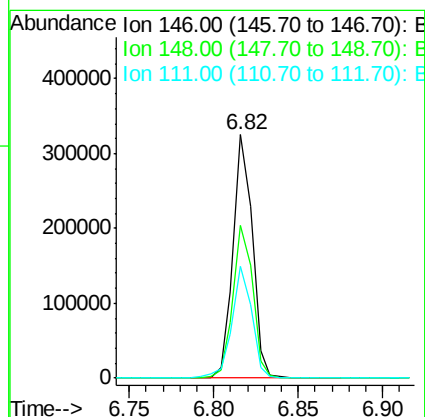
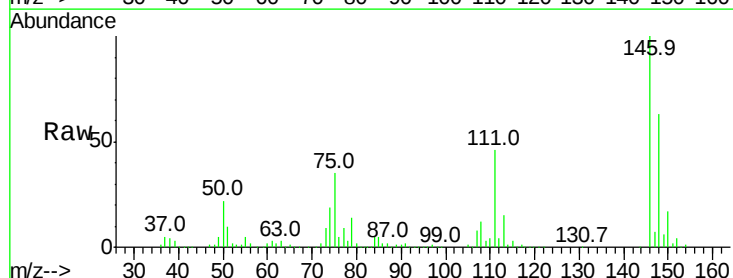
Sohil

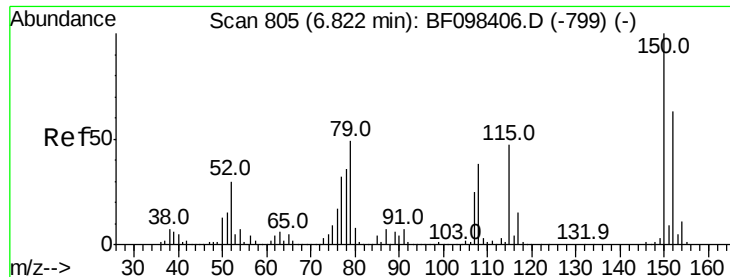
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#14
 1,2-Dichlorobenzene
 Concen: 26.508 ng/mL
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	46.0	38.2	57.4



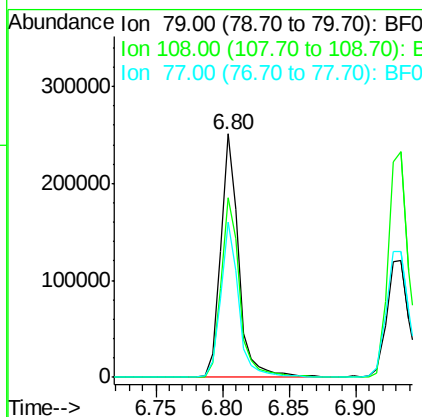
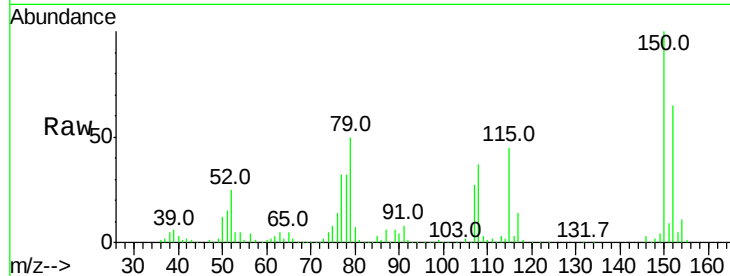


#15
Benzyl Alcohol
Concen: 30.152 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

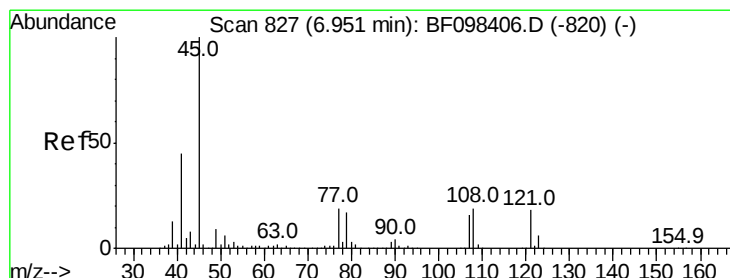
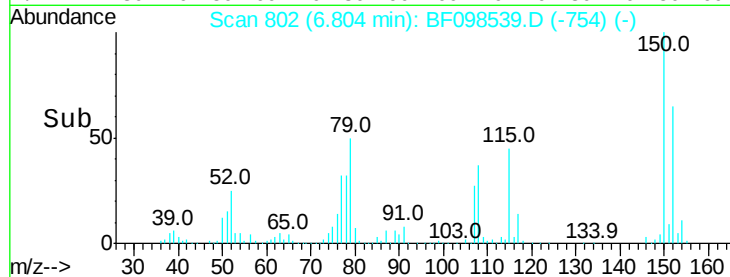
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.9	63.4	95.0
77	63.6	49.2	73.8

Manual Integrations
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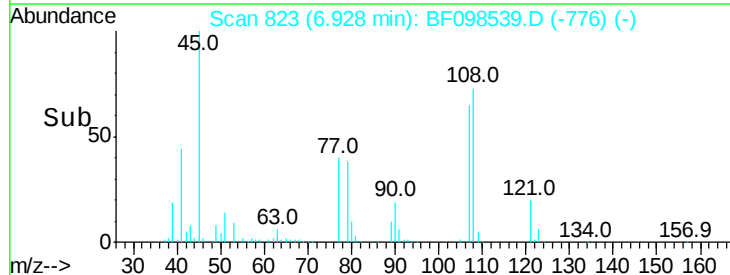
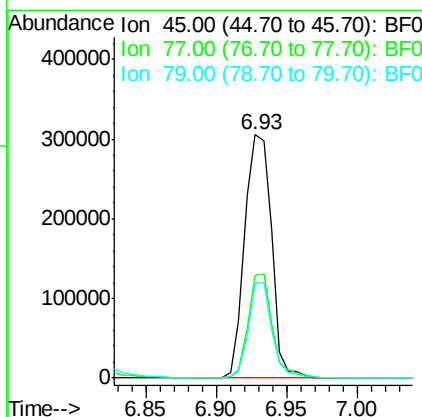
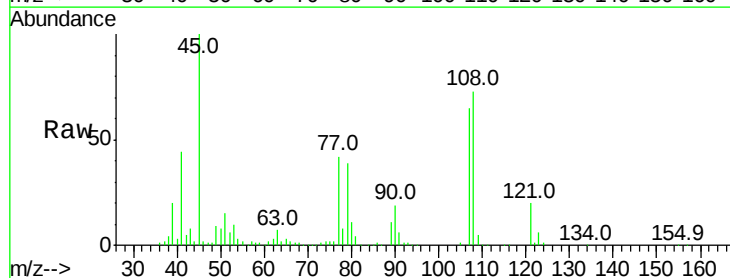
Sohil

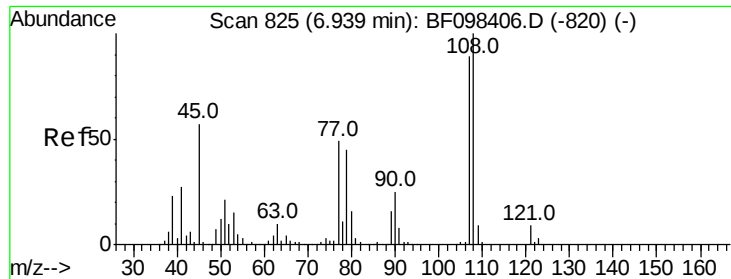
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.586 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.3	0.0	33.2#
79	39.1	0.0	30.0#





#17
2-Methylphenol
Concen: 26.811 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

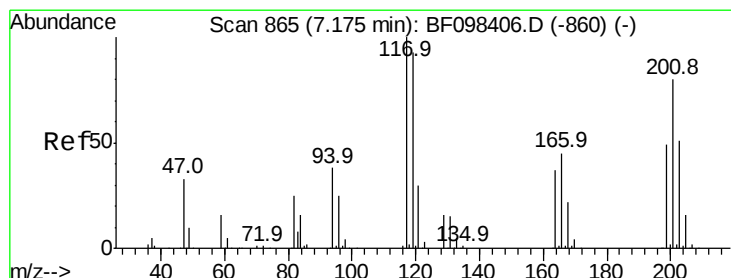
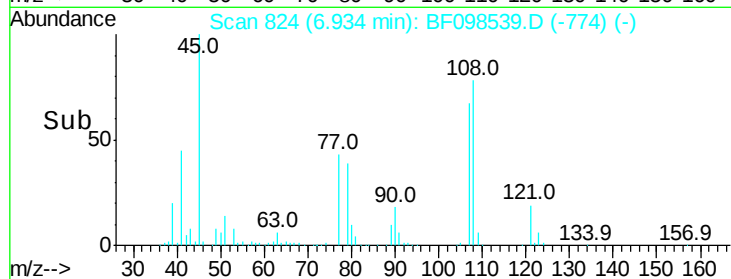
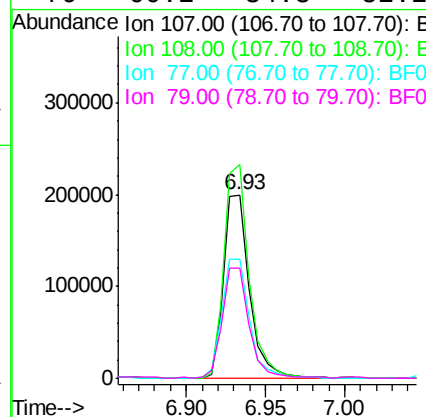
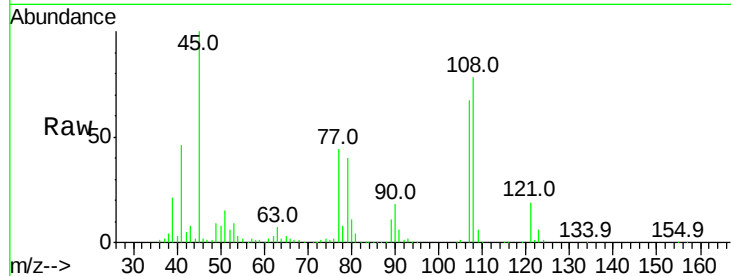
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	93.4	140.0	
77	65.2	35.8	53.6#	
79	60.2	34.8	52.2#	

Manual Integrations
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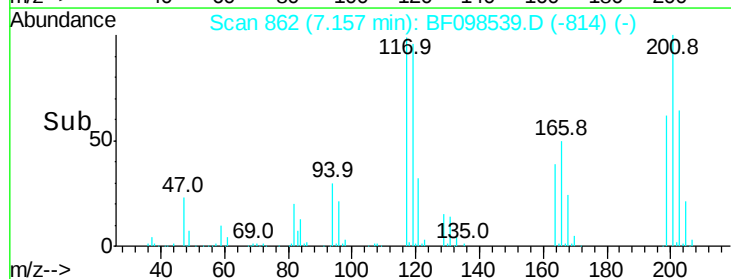
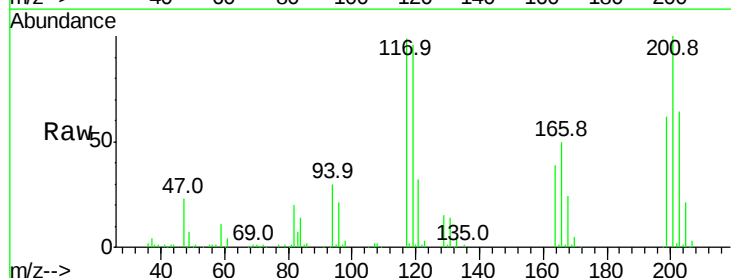
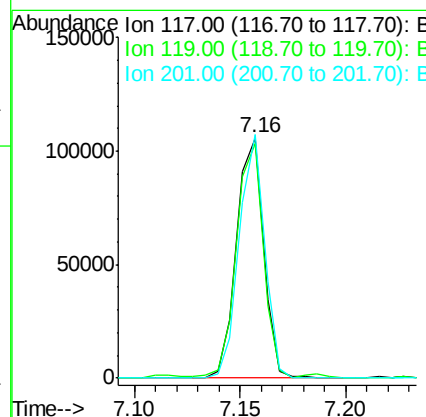
Sohil

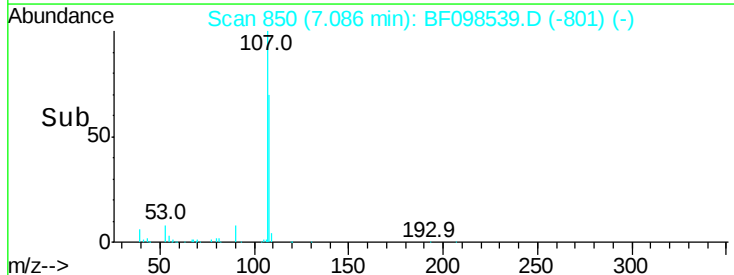
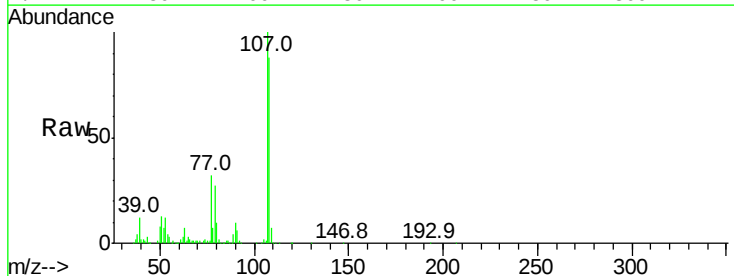
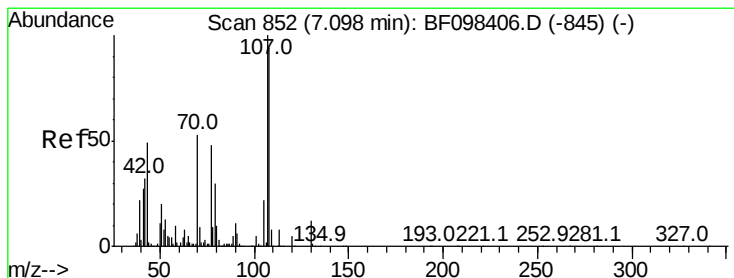
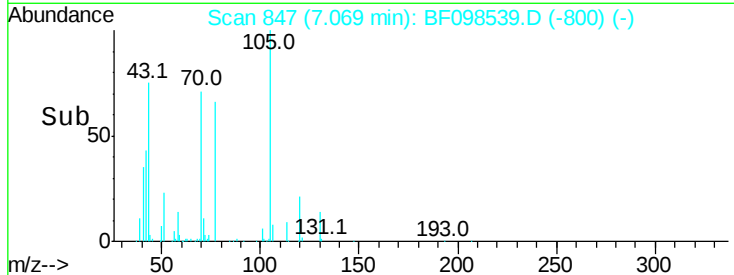
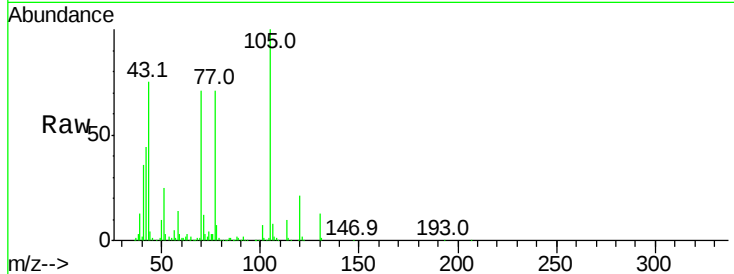
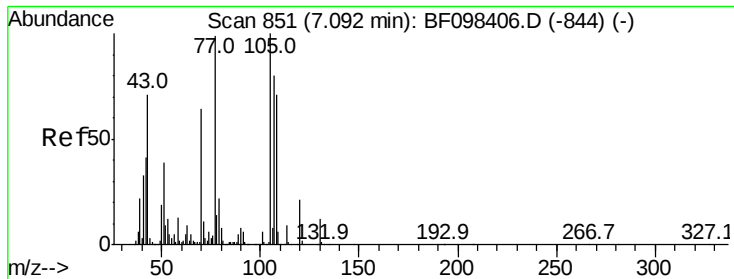
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#18
Hexachloroethane
Concen: 22.766 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.4	116.0	
201	101.5	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 27.338 ng

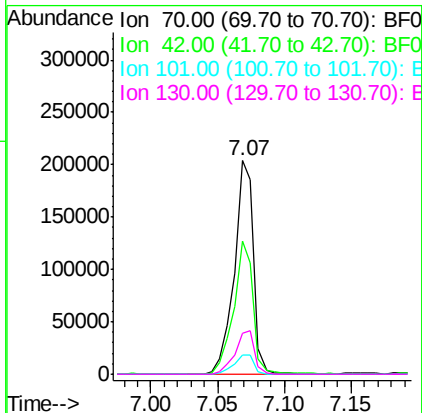
RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	47.2	70.8	
101	9.2	7.2	10.8	
130	19.1	15.9	23.9	



Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

Manual Integrations
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Sohil

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#20

3+4-Methylphenols

Concen: 34.237 ng

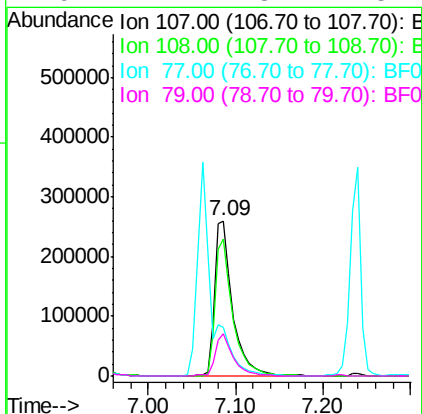
RT: 7.09 min Scan# 850

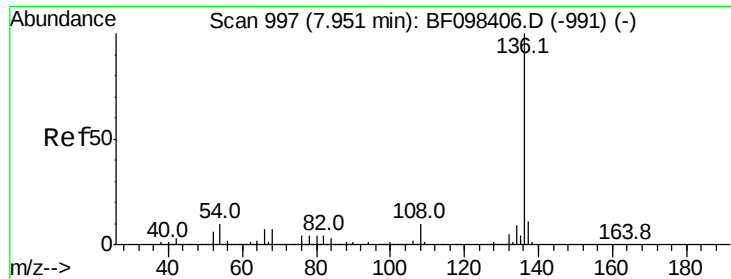
Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	71.0	111.0	
77	31.6	90.5	130.5#	
79	27.2	8.4	48.4	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

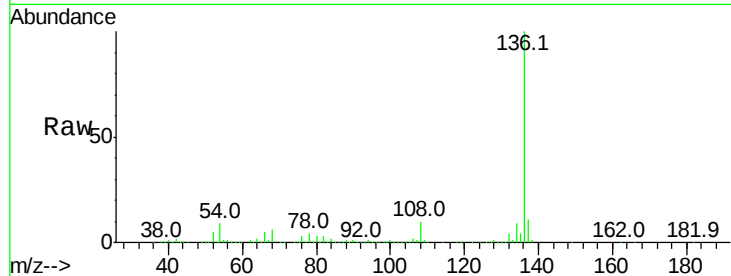
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	8.8	4.9	7.3	
68	6.0	4.1	6.1	

Manual Integrations
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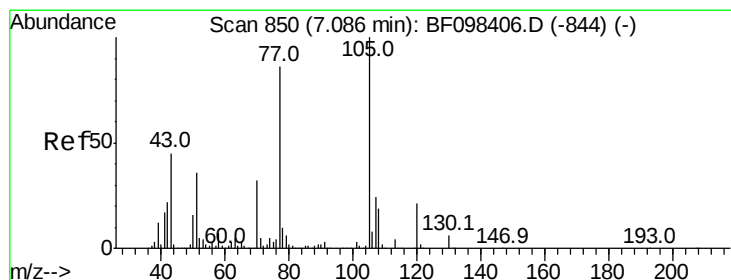
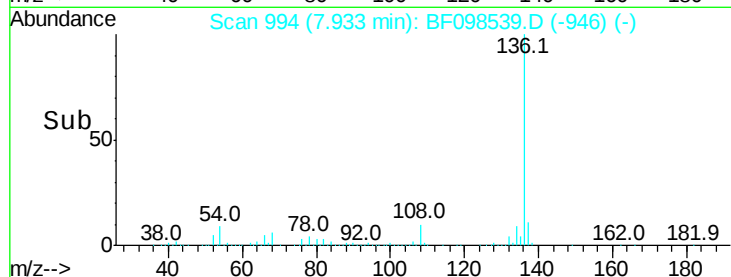
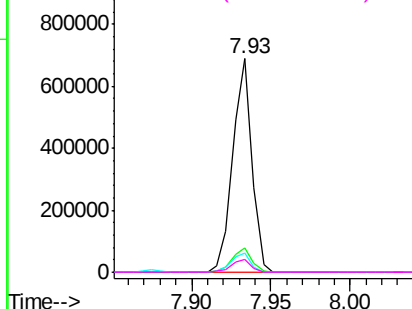
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 27.118 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	2.8	4.2	
51	29.1	30.7	46.1	
120	21.6	17.4	26.0	

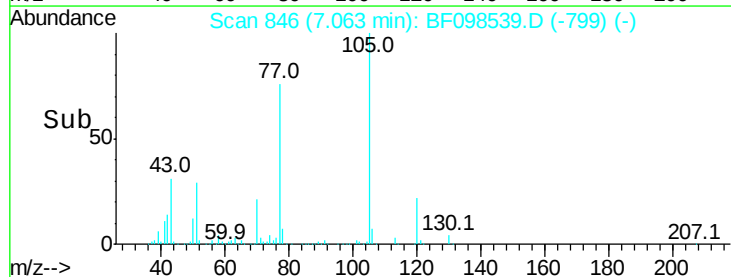
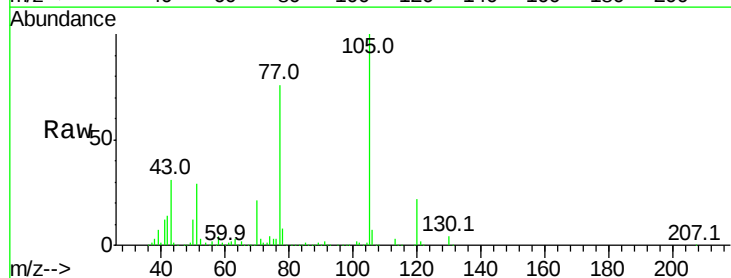
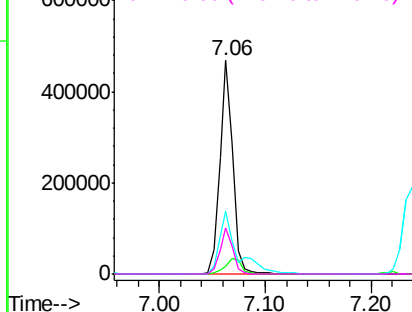
Abundance

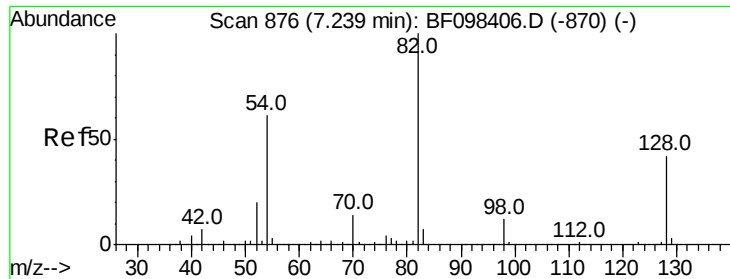
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



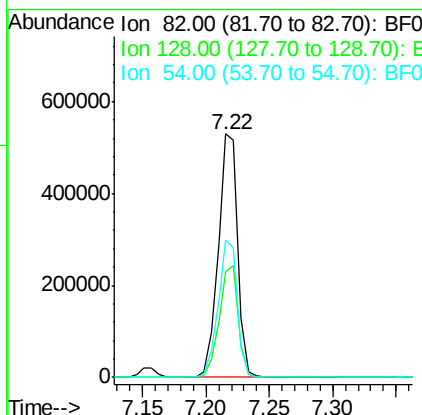
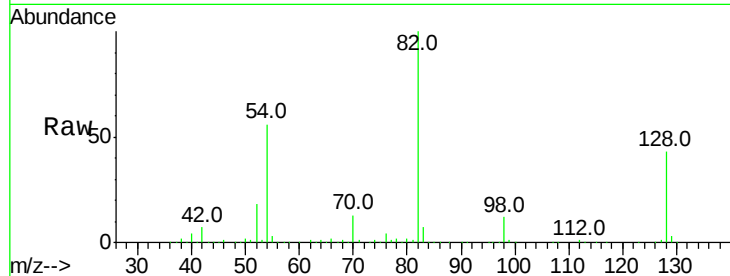


#23
Nitrobenzene-d5
Concen: 54.353 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

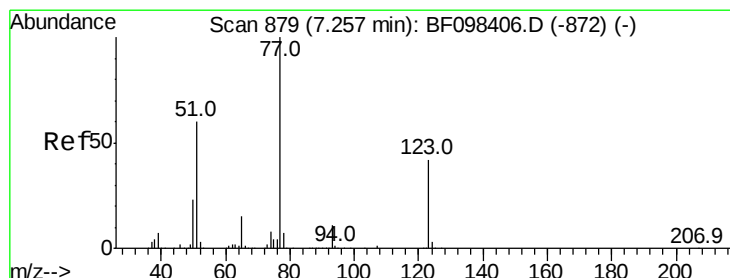
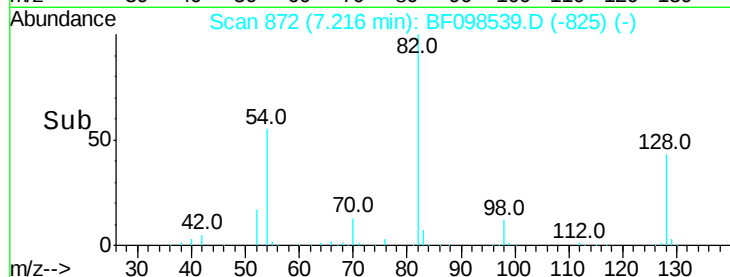
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	34.0	51.0	
54	56.2	42.2	63.2	

Manual Integrations
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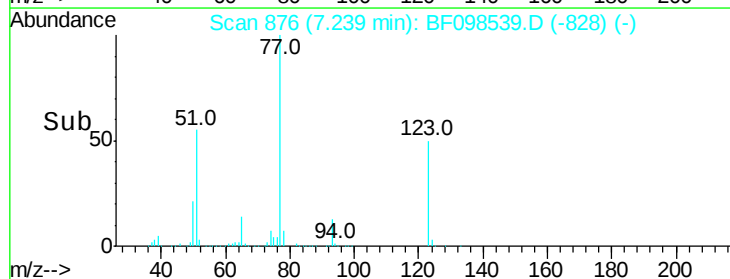
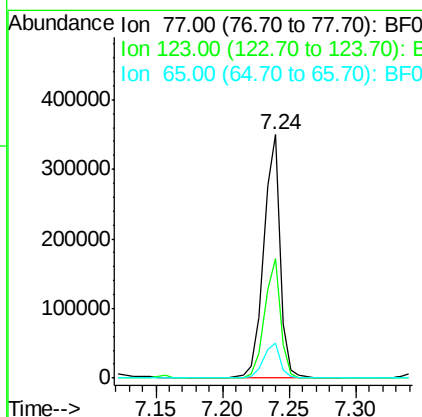
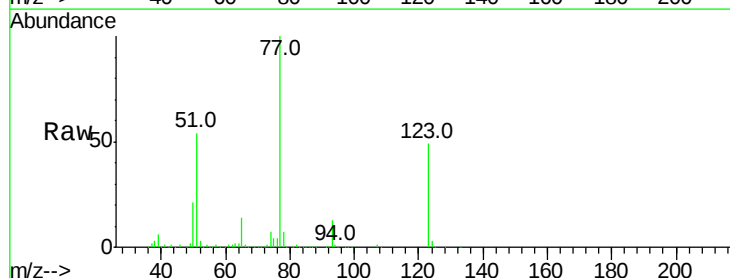
Sohil

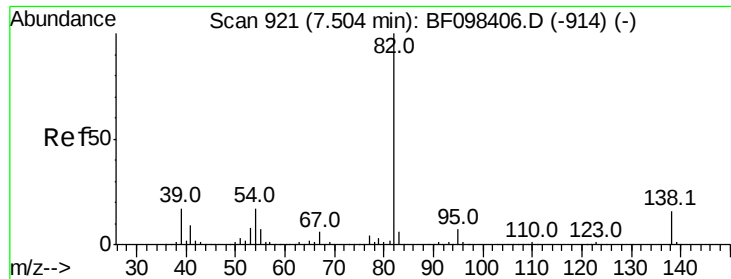
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#24
Nitrobenzene
Concen: 24.667 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	35.8	53.8	
65	14.2	10.6	15.8	





#25

Isophorone

Concen: 25.222 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

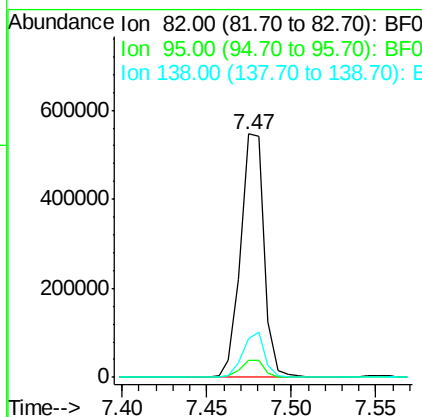
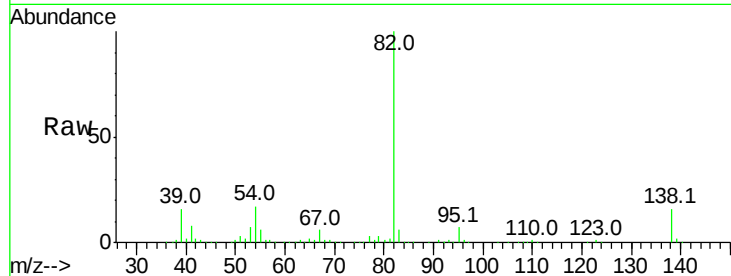
BNA_F

ClientSampleId :

RL-15-0-17.5MSD

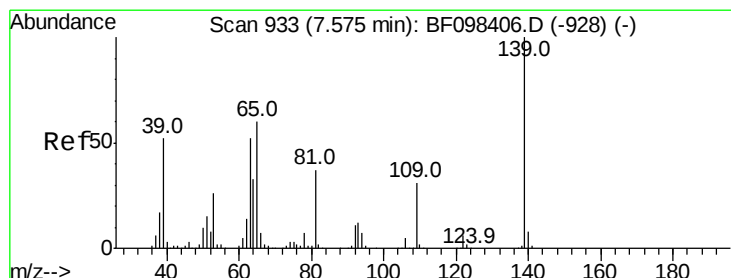
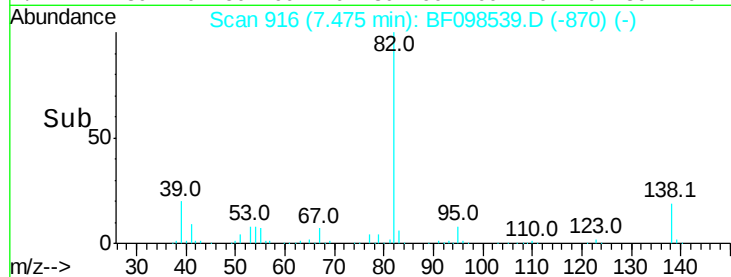
Tot Ion:	82	Resp:	531888
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	15.8	13.1	19.7

Manual Integrations
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Sohil

9/15/2017 5:43:53 PM



#26

2-Nitrophenol

Concen: 30.453 ng

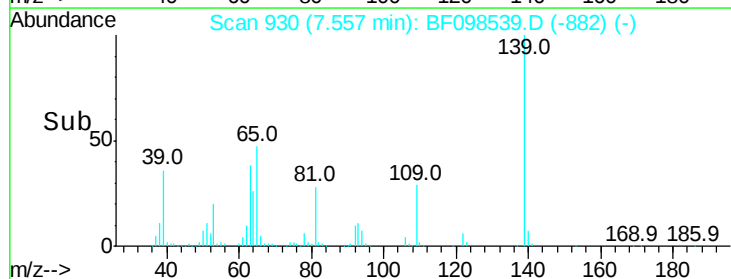
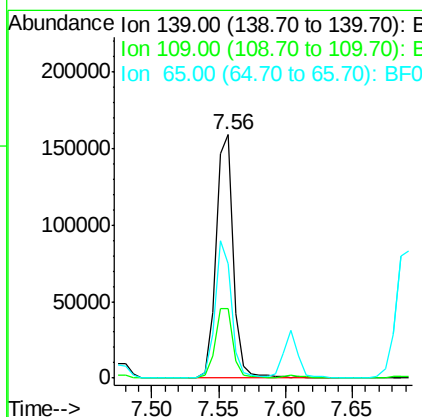
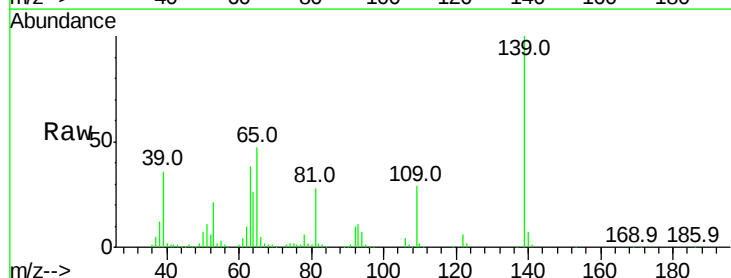
RT: 7.56 min Scan# 930

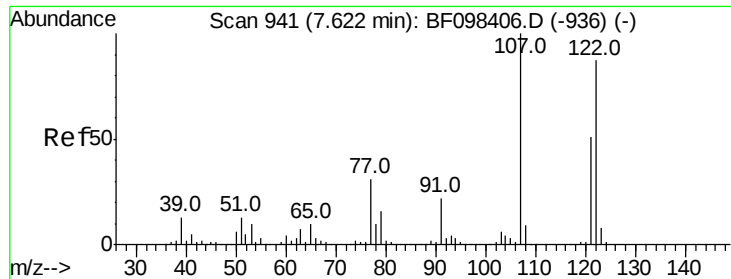
Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:	139	Resp:	145977
Ion Ratio	Lower	Upper	
139	100		
109	28.8	21.0	31.6
65	47.2	33.0	49.6



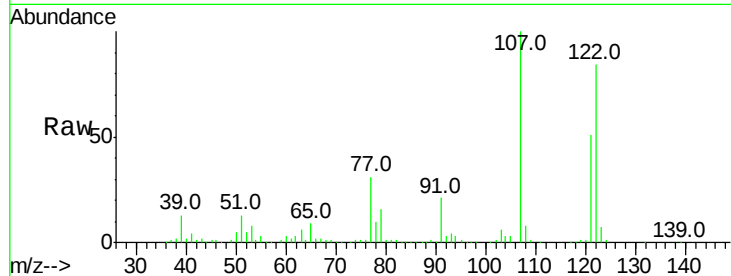


#27
 2,4-Dimethylphenol
 Concen: 24.513 ng
 RT: 7.60 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

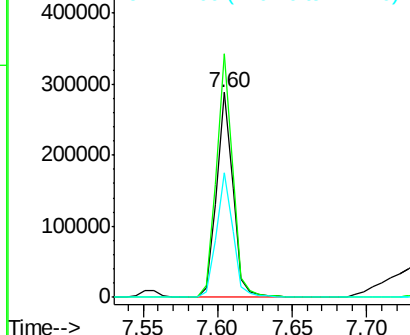
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		223998		
107	119.0	89.2		133.8	
121	60.9	45.2		67.8	

Manual Integrations
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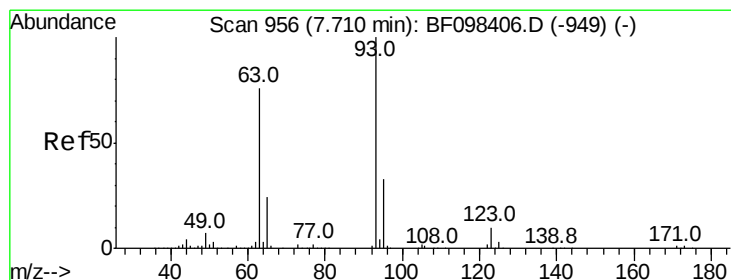
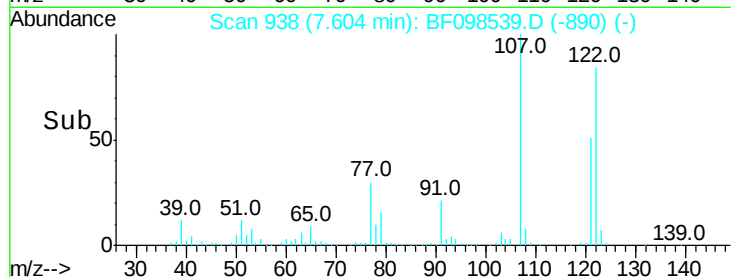


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



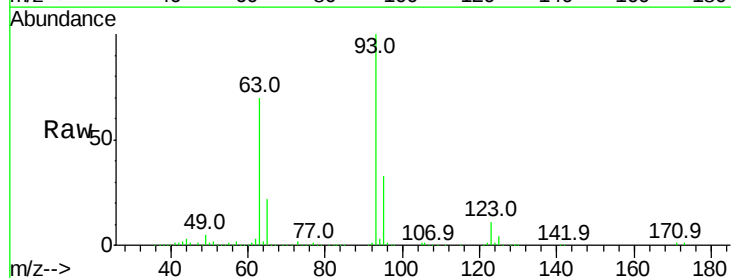
Sohil

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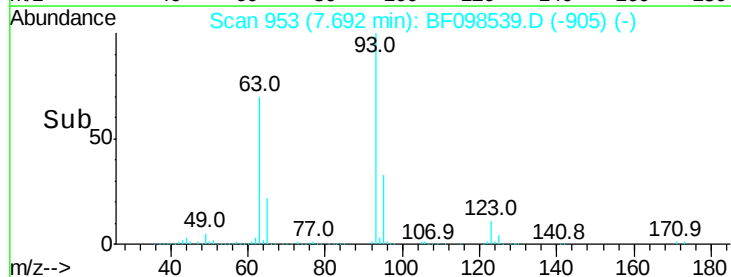
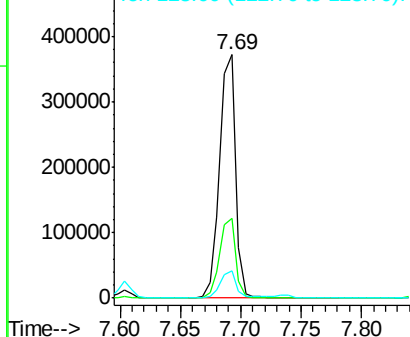


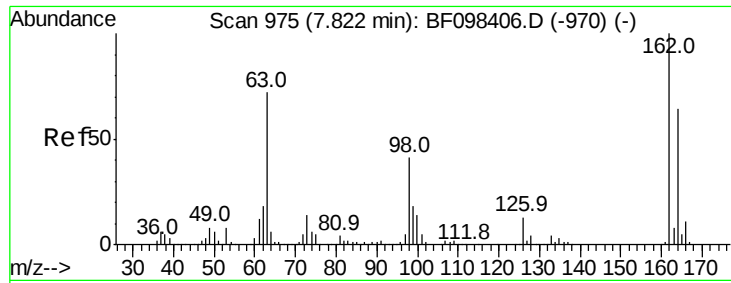
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.372 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		339350		
95	32.7	26.5		39.7	
123	11.5	9.0		13.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



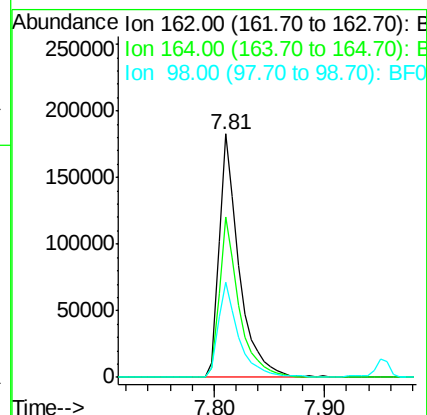
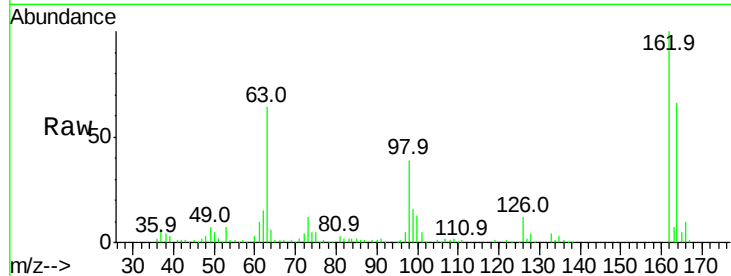


#29
 2,4-Dichlorophenol
 Concen: 30.073 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

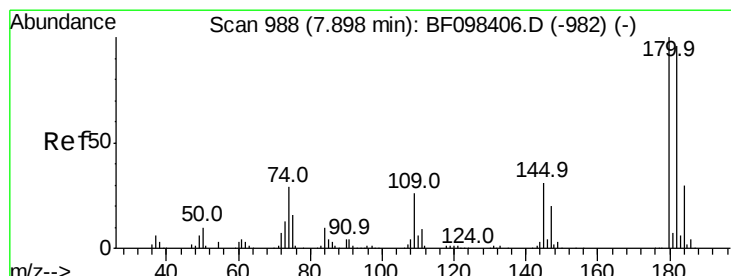
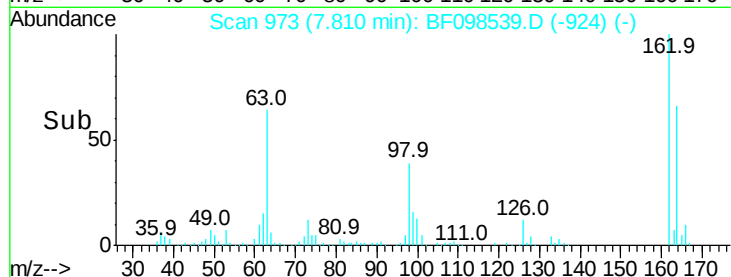
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		228550		
164	65.8		44.6	84.6	
98	38.9		14.8	54.8	

Manual Integrations
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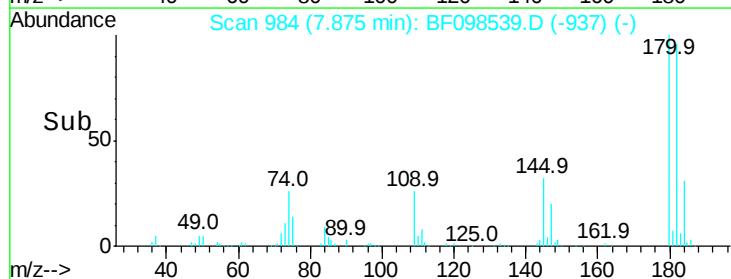
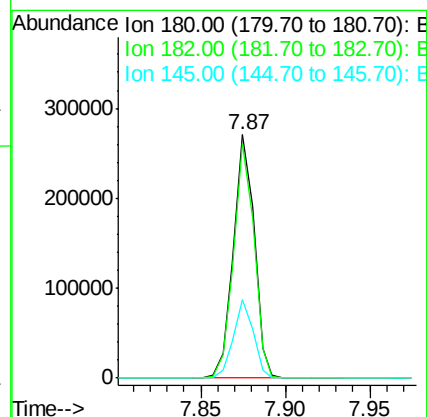
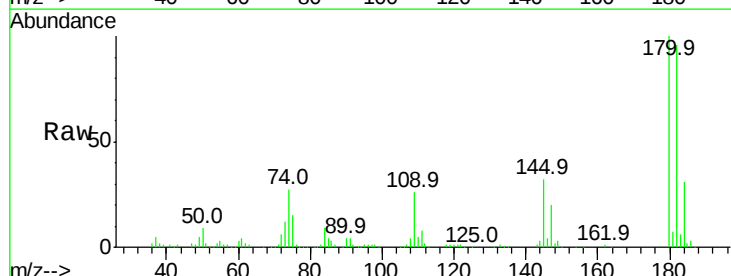
Sohil

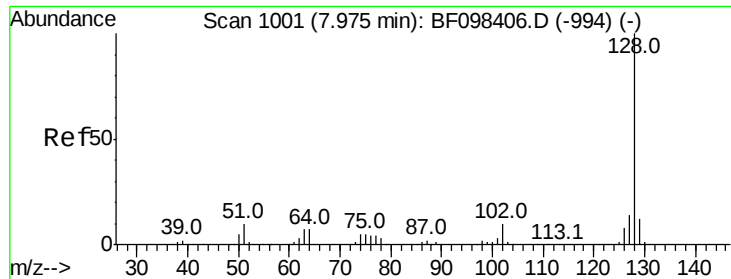
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#30
 1,2,4-Trichlorobenzene
 Concen: 28.122 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		232489		
182	96.2		75.8	113.6	
145	32.3		25.3	37.9	



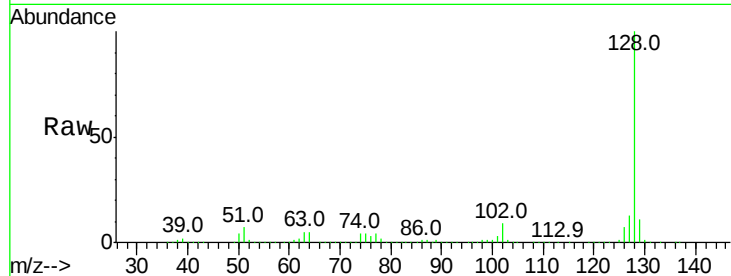


#31
Naphthalene
Concen: 29.215 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.1	10.8	16.2

Manual Integrations
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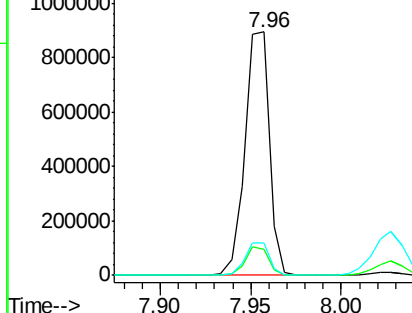


Abundance

Ion 128.00 (127.70 to 128.70): E

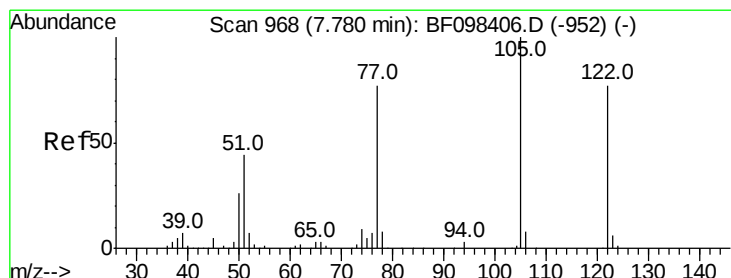
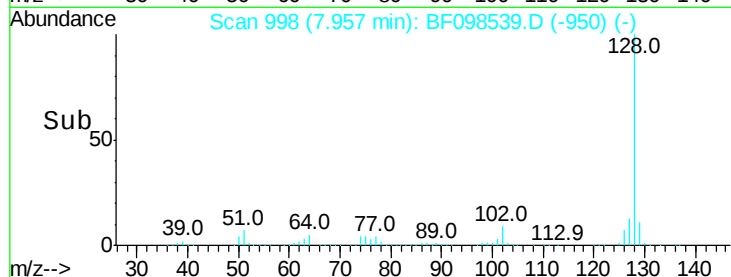
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



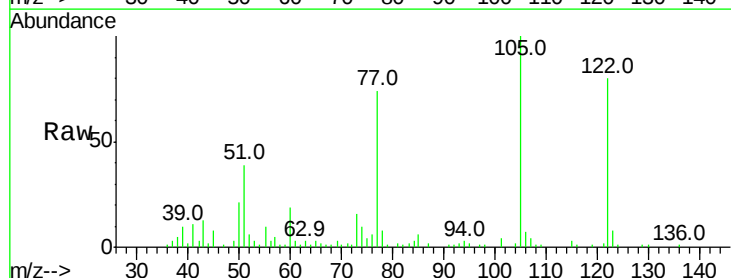
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#32
Benzoic acid
Concen: 20.596 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.05 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	103.3	143.3
77	92.5	73.7	113.7

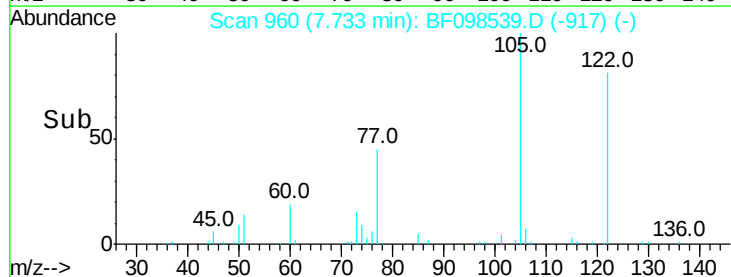
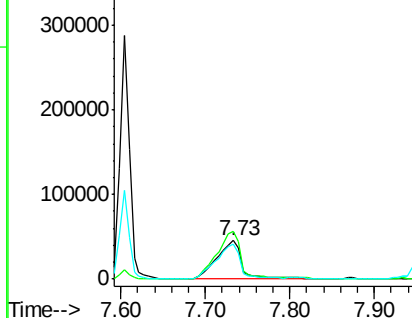


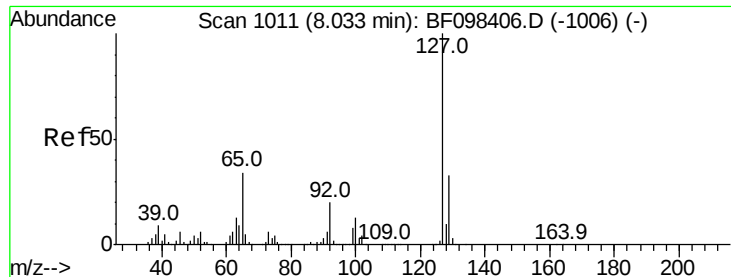
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 17.736 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

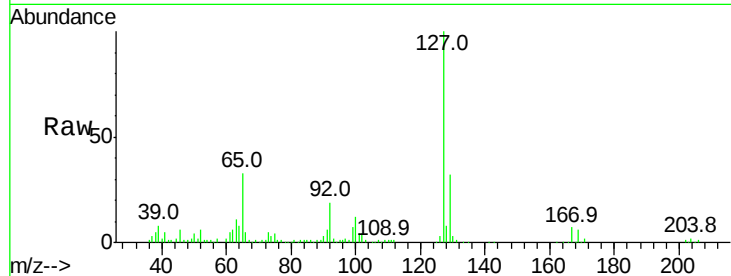
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	32.9	27.8	41.8	
92	19.3	16.8	25.2	

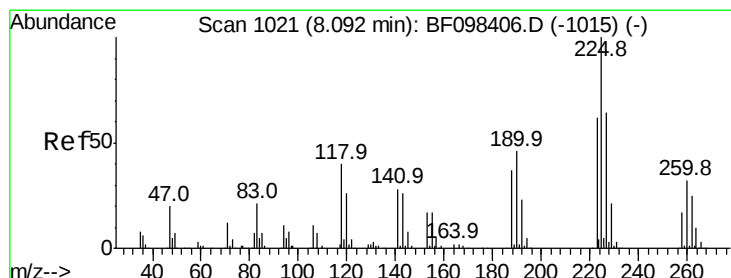
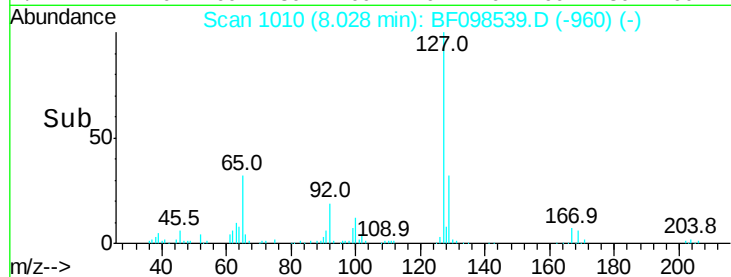
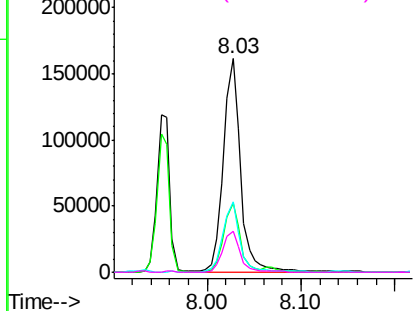
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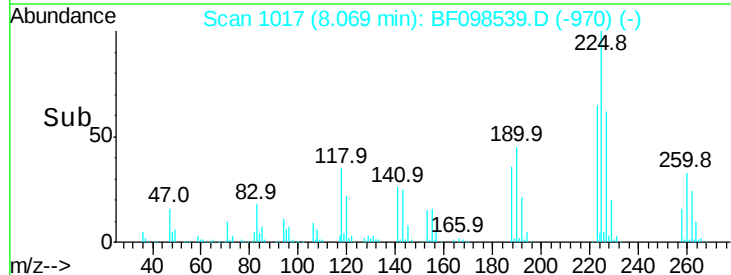
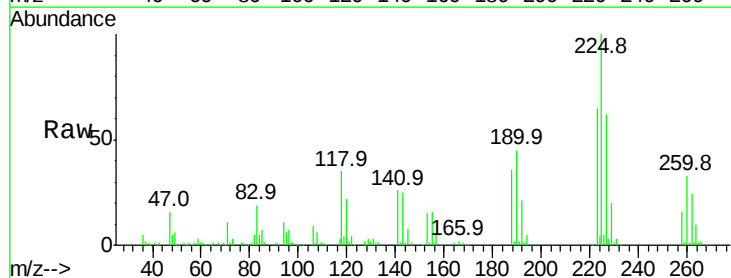
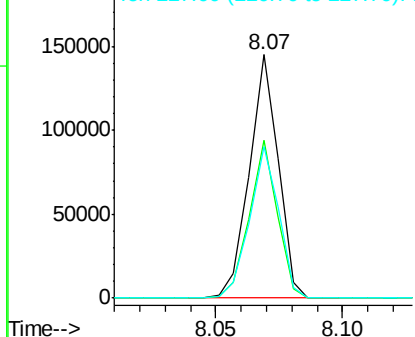
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

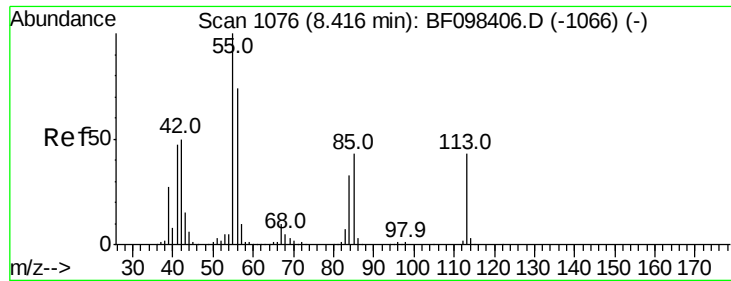


#34
Hexachlorobutadiene
Concen: 27.217 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	48.8	73.2	
227	62.3	51.1	76.7	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.963 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.04 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

Tot Ion:113 Resp: 73284

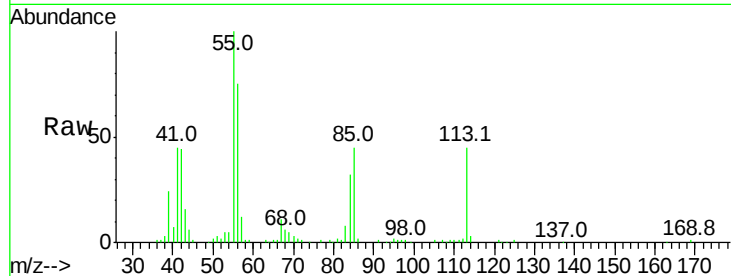
Ion Ratio Lower Upper

113 100

55 220.8 150.2 190.2#

56 166.1 107.8 147.8#

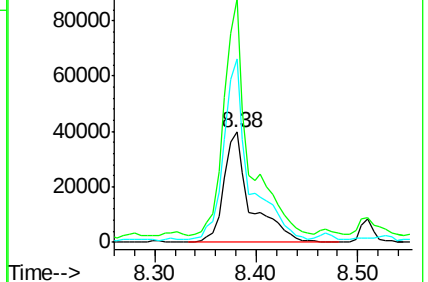
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Abundance Ion 113.00 (112.70 to 113.70): E

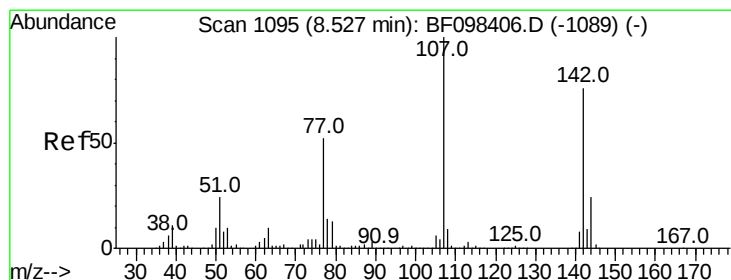
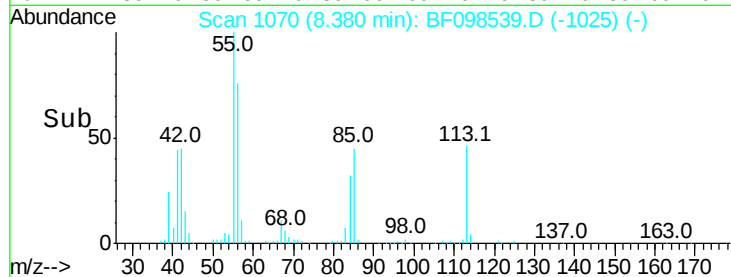
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



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#36

4-Chloro-3-methylphenol

Concen: 26.797 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

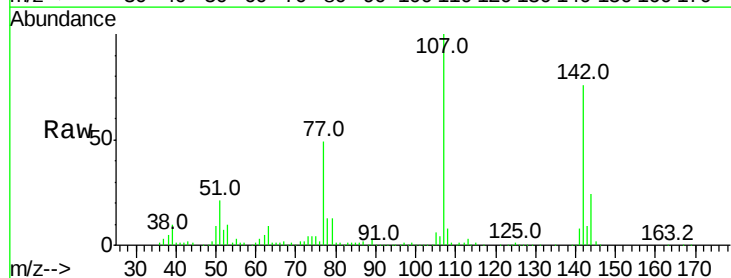
Tgt Ion:107 Resp: 252563

Ion Ratio Lower Upper

107 100

144 24.4 24.2 36.4

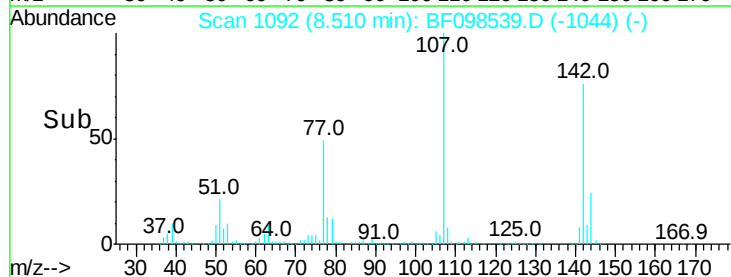
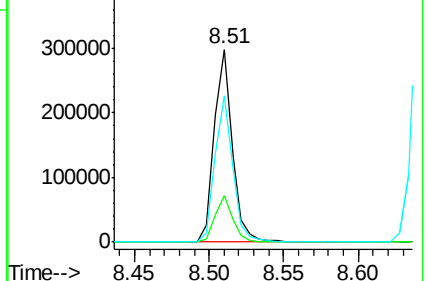
142 76.3 73.4 110.0

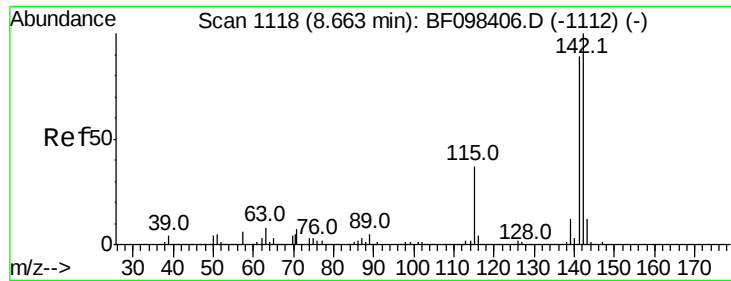


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



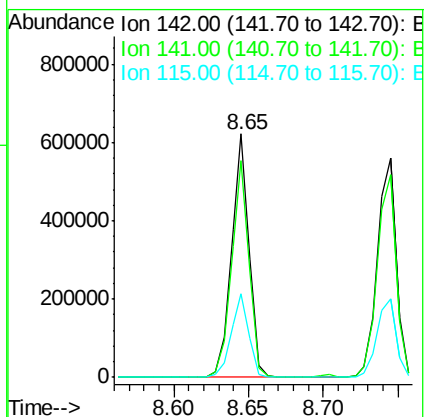
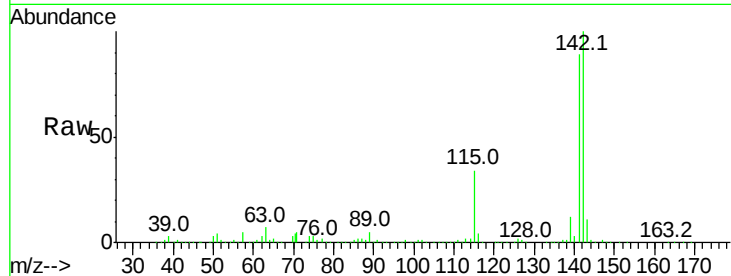


#37
2-Methylnaphthalene
Concen: 29.591 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

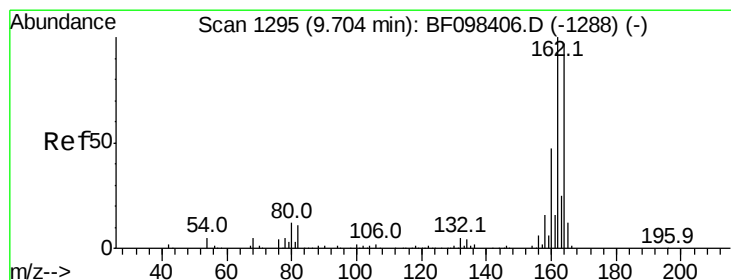
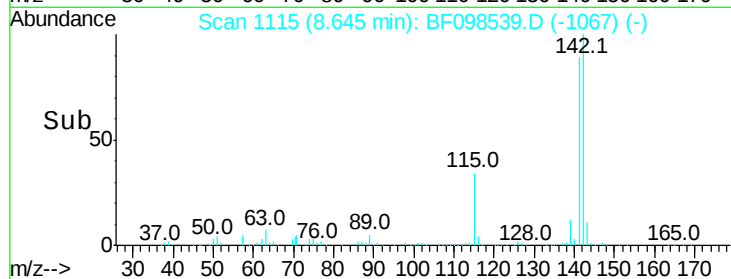
Tot Ion	Ratio	Resp	Lower	Upper
142	100	514882		
141	89.2	71.3	106.9	
115	34.2	27.1	40.7	

Manual Integrations
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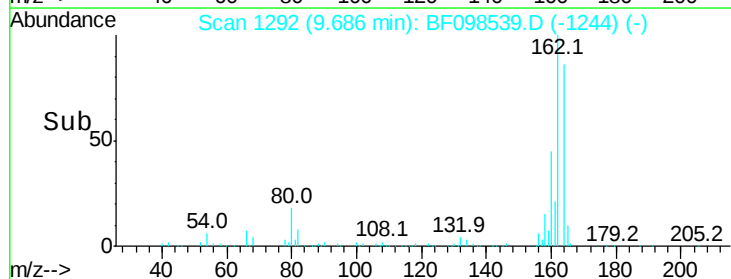
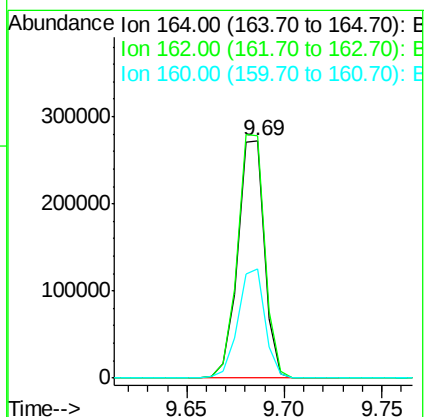
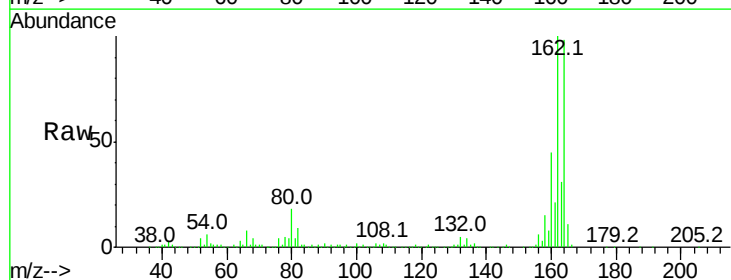
Sohil

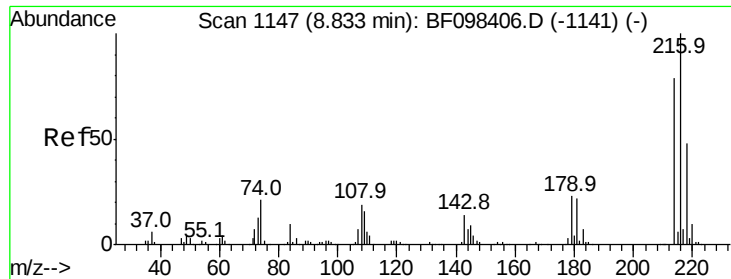
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258378		
162	102.1	82.6	123.8	
160	45.8	36.2	54.2	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.394 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

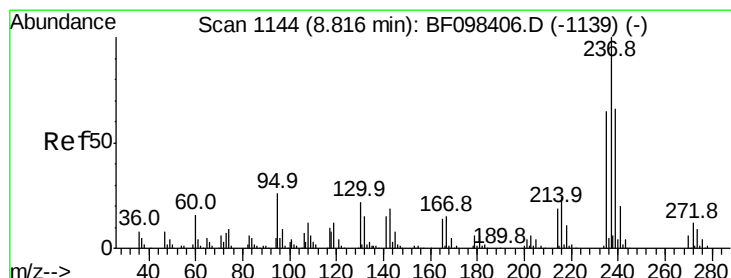
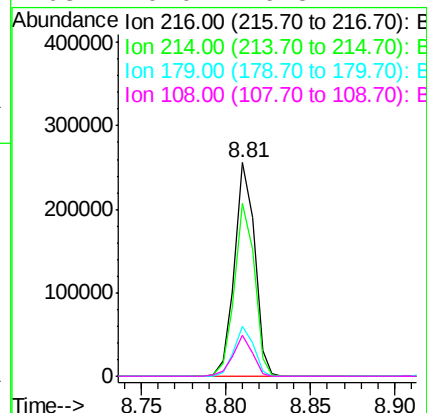
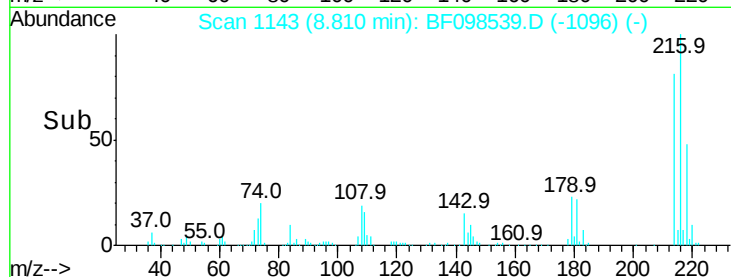
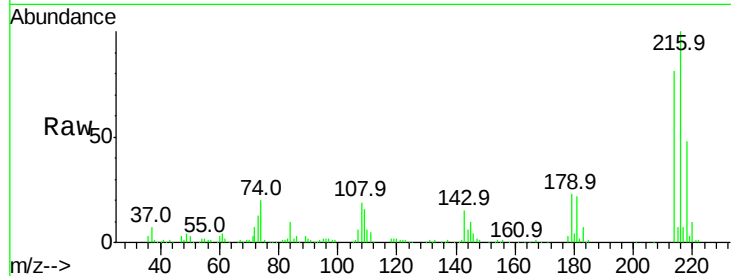
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.9	17.9	26.9
108	19.0	16.5	24.7

Manual Integrations
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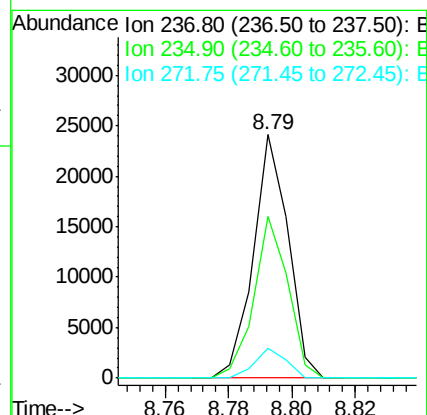
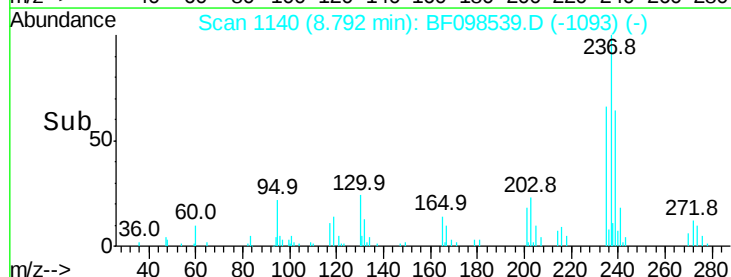
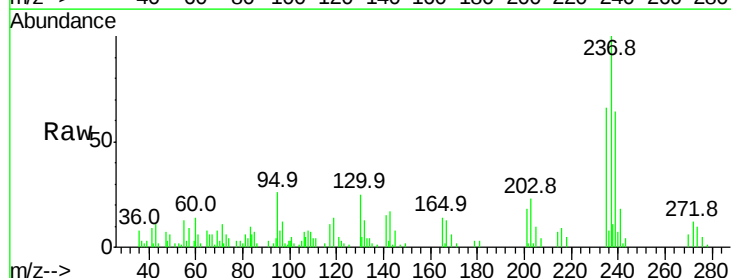
Sohil

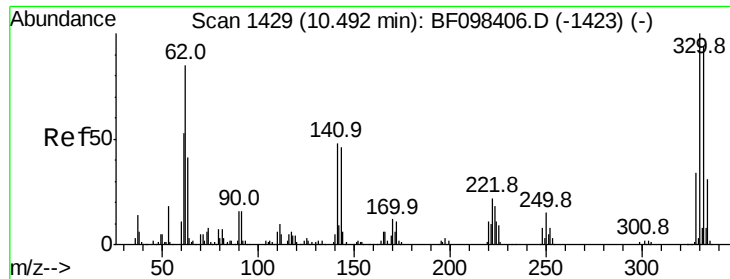
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#40
 Hexachlorocyclopentadiene
 Concen: 16.686 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.4	42.6	82.6
272	12.4	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 92.679 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

Tot Ion:330 Resp: 159821

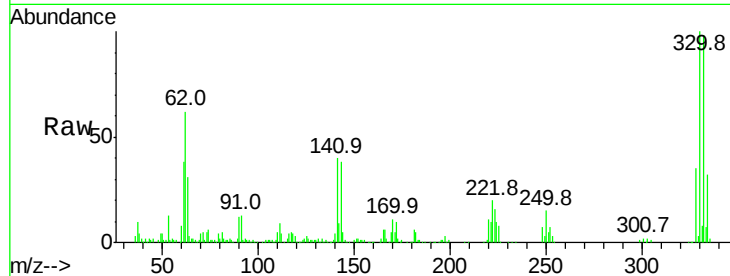
Ion Ratio Lower Upper

330 100

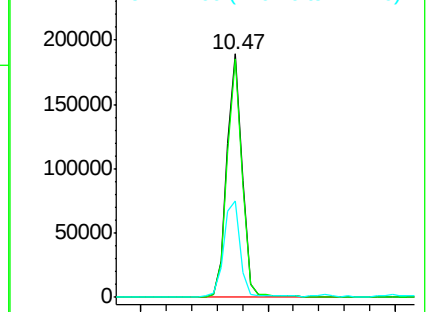
332 96.6 76.6 115.0

141 42.7 31.4 47.2

Manual Integrations
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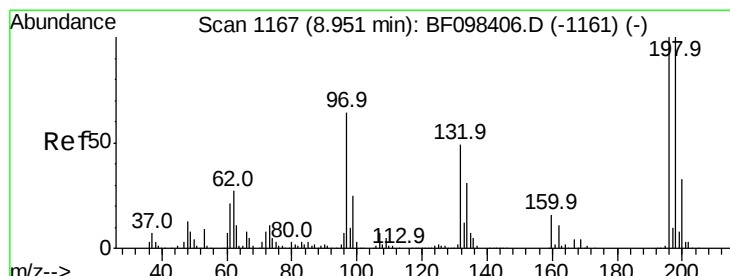
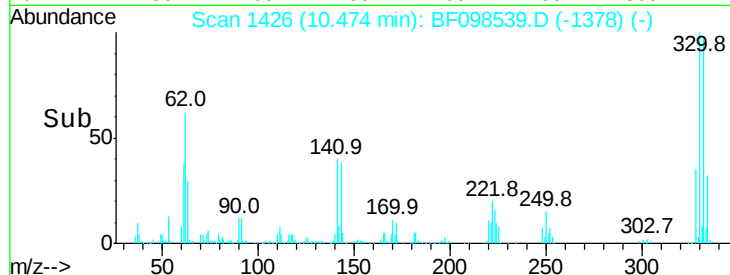


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Sohil

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#42

2,4,6-Trichlorophenol

Concen: 31.573 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

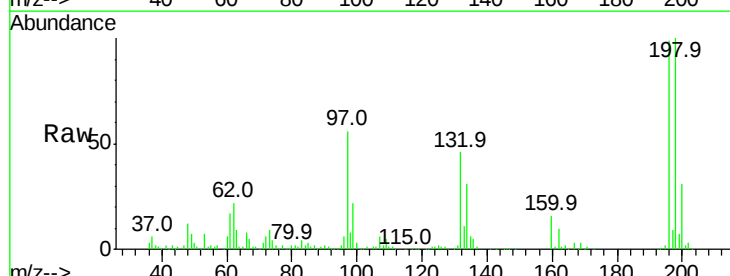
Tgt Ion:196 Resp: 149256

Ion Ratio Lower Upper

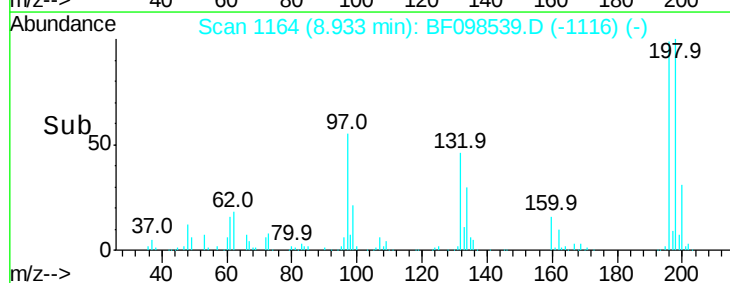
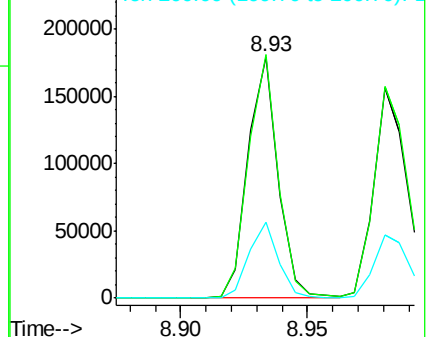
196 100

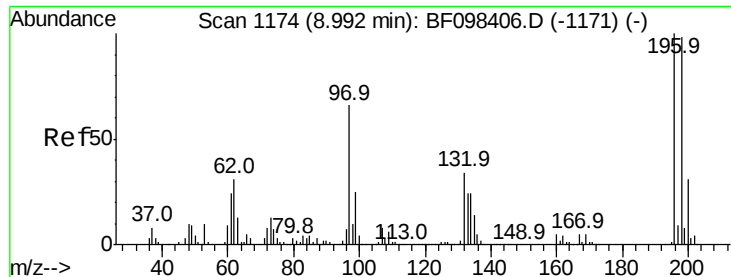
198 101.0 74.2 111.4

200 31.5 24.0 36.0



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





#43
 2,4,5-Trichlorophenol
 Concen: 30.968 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

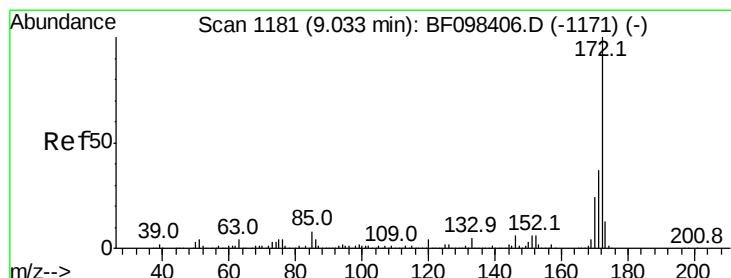
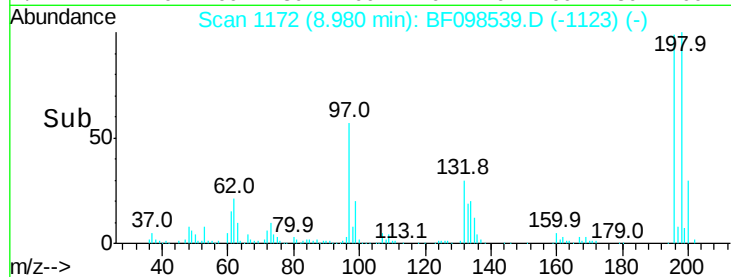
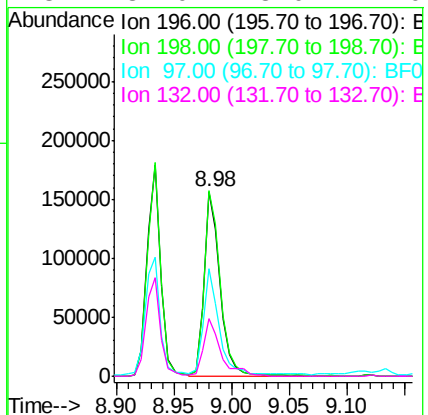
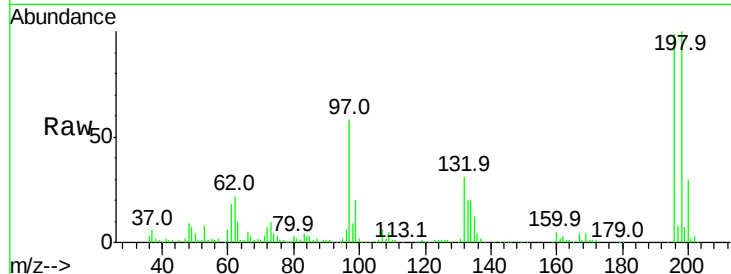
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

Tot Ion	196	Resp	153018
Ion Ratio	Lower	Upper	
196	100		
198	100.7	75.7	113.5
97	58.1	47.7	71.5
132	31.0	28.0	42.0

Manual Integrations
 APPROVED

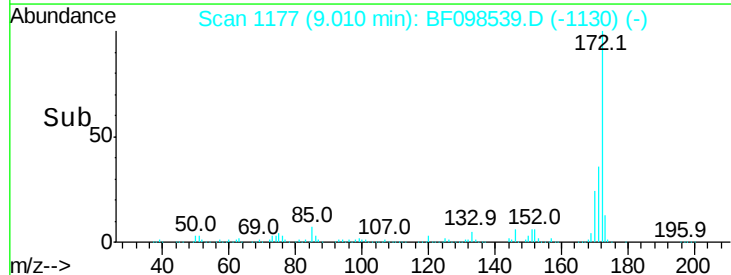
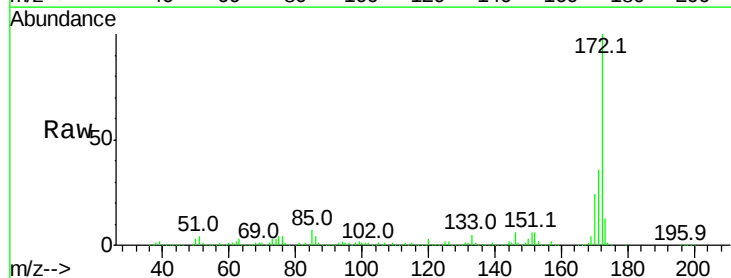
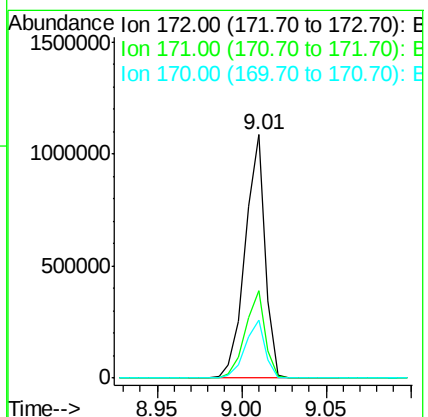
Sohil

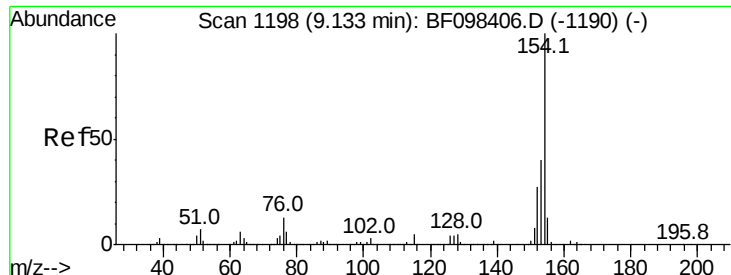
9/15/2017 5:43:53 PM



#44
 2-Fluorobiphenyl
 Concen: 58.711 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	172	Resp	895006
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8



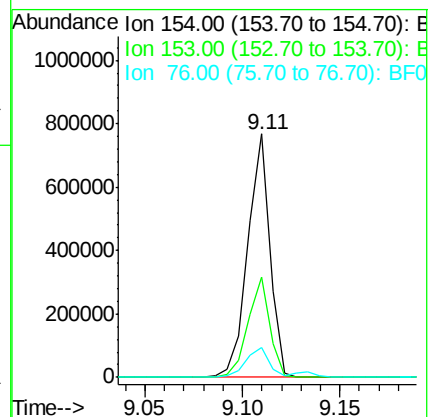
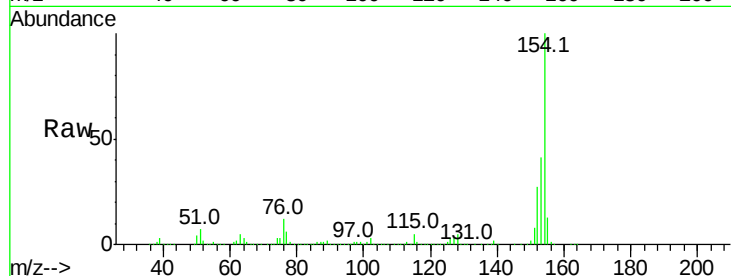


#45
 1,1'-Biphenyl
 Concen: 26.093 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

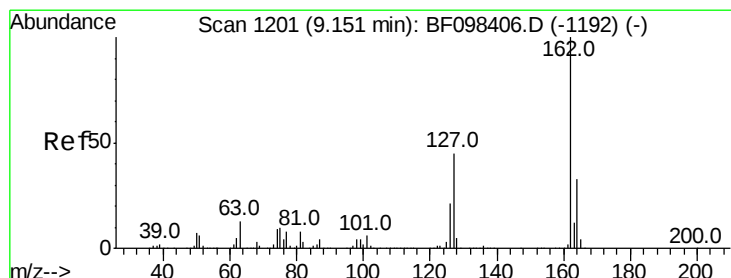
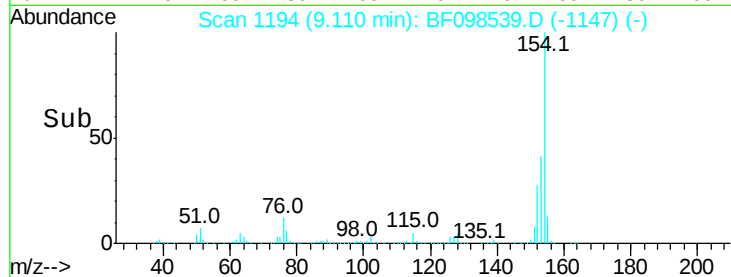
Tot Ion:	154	Resp:	603442
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	12.5	0.0	29.9

Manual Integrations
 APPROVED



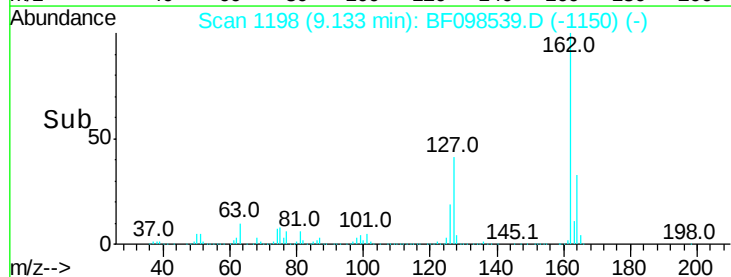
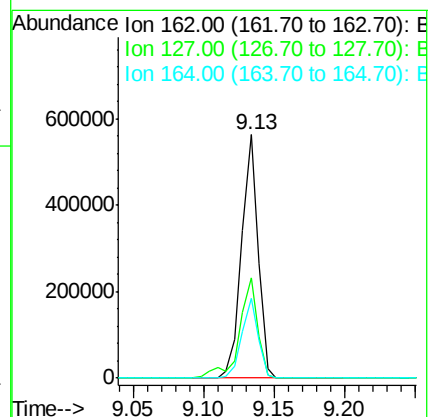
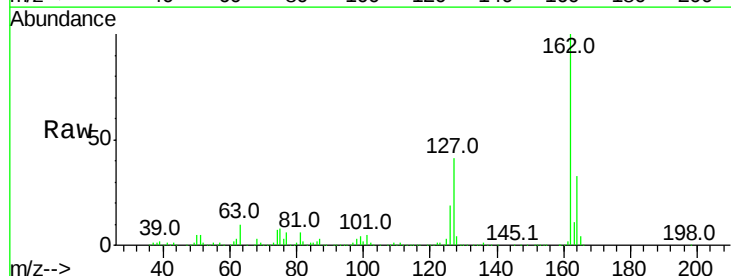
Sohil

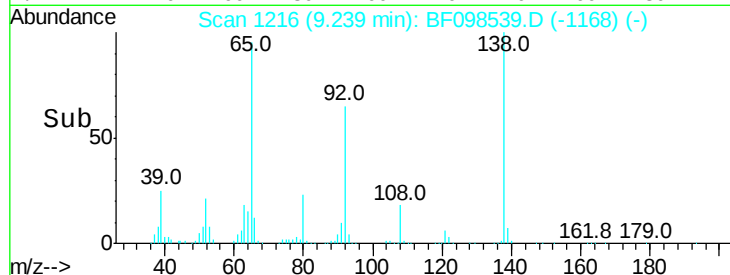
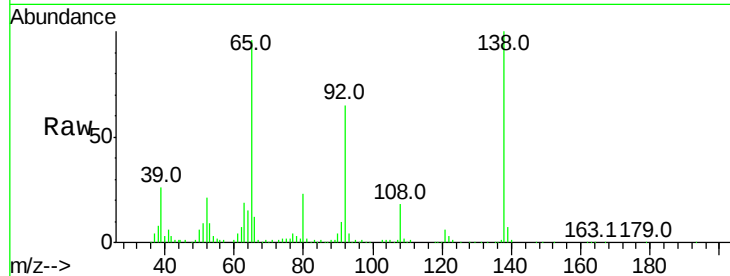
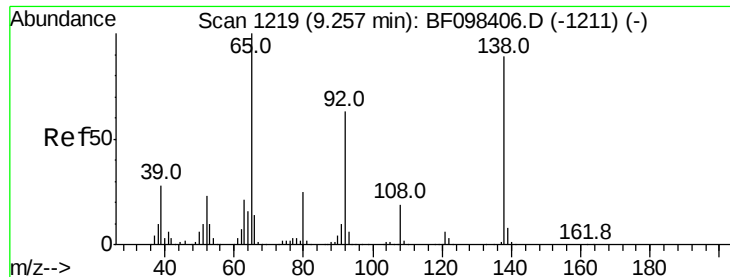
9/15/2017 5:43:53 PM



#46
 2-Chloronaphthalene
 Concen: 27.885 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:	162	Resp:	460558
Ion Ratio	Lower	Upper	
162	100		
127	41.4	28.3	42.5
164	32.7	27.0	40.4





#47
2-Nitroaniline
Concen: 25.791 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

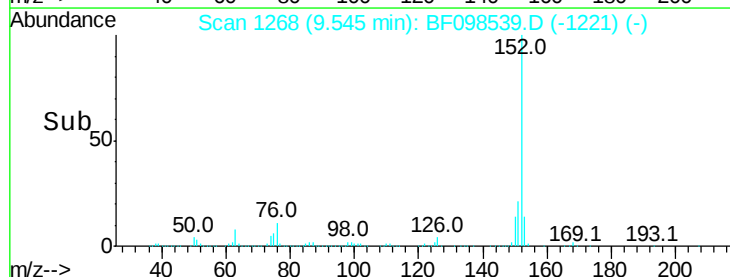
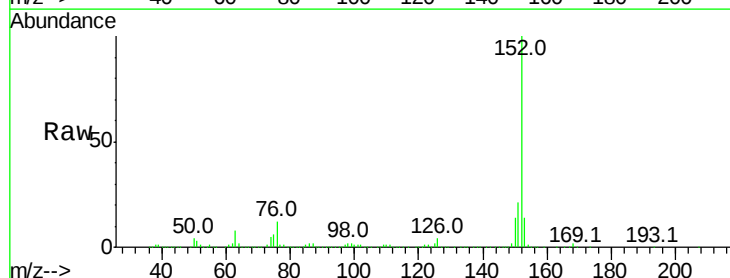
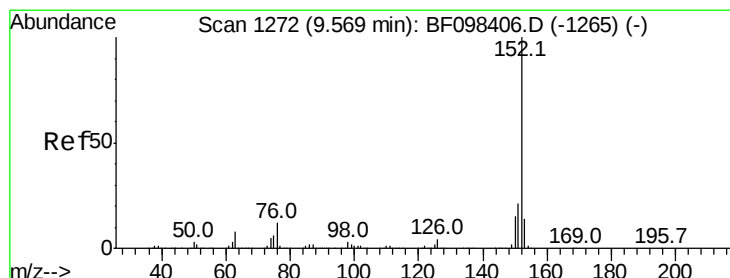
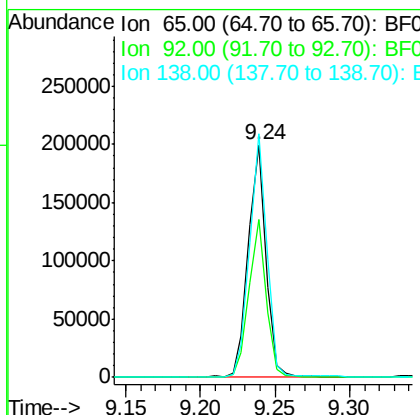
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.9	80.9
138	104.6	78.8	118.2

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Manual Integrations
APPROVED

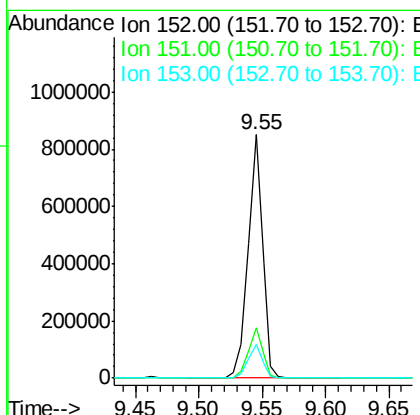
Sohil

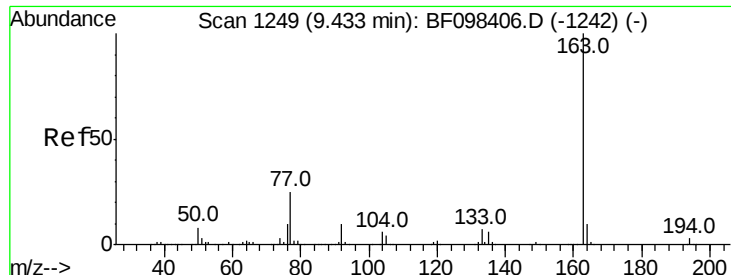
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#48
Acenaphthylene
Concen: 27.536 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.9	10.8	16.2



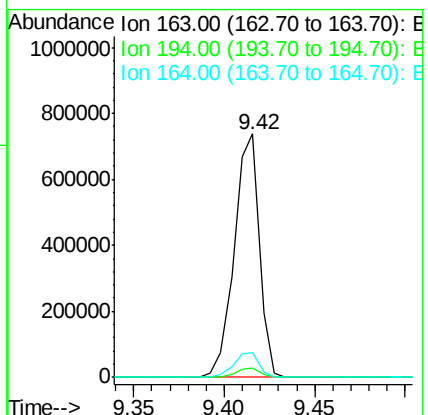
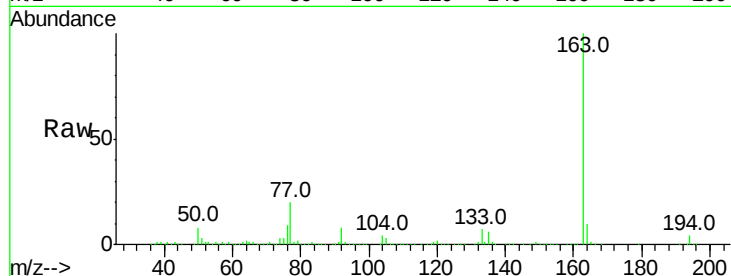


#49
Dimethylphthalate
Concen: 35.420 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

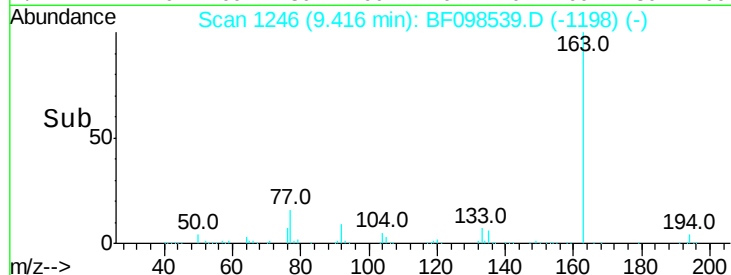
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.3	8.4	12.6	

Manual Integrations
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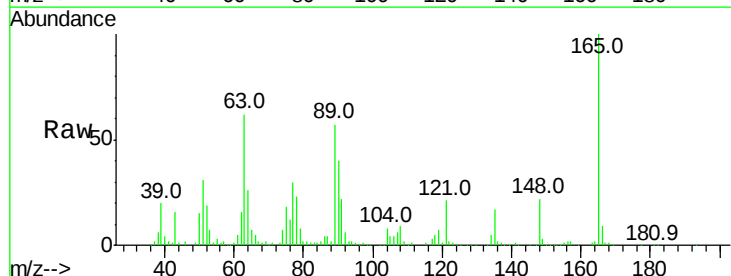
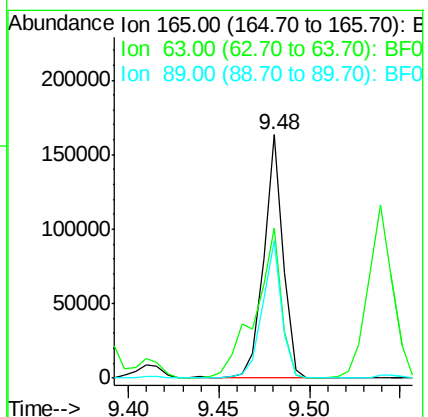
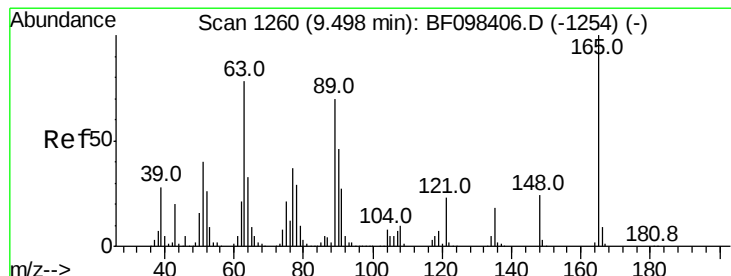
Sohil

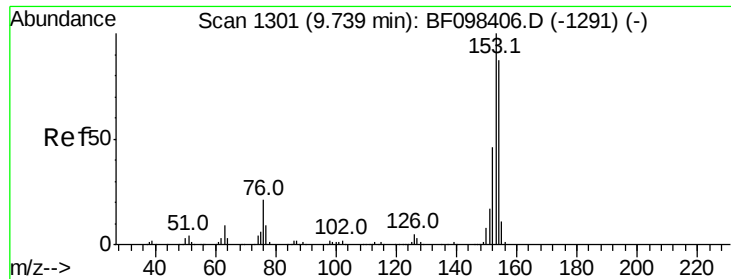
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#50
2,6-Dinitrotoluene
Concen: 29.435 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.7	34.3	51.5#	
89	56.6	37.1	55.7#	



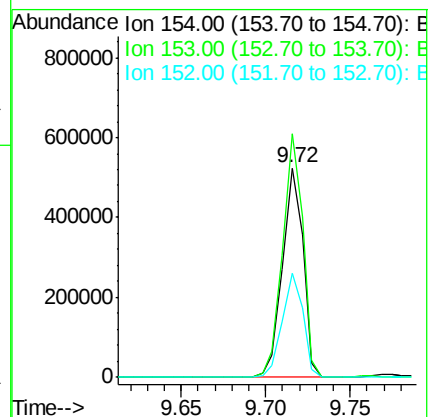
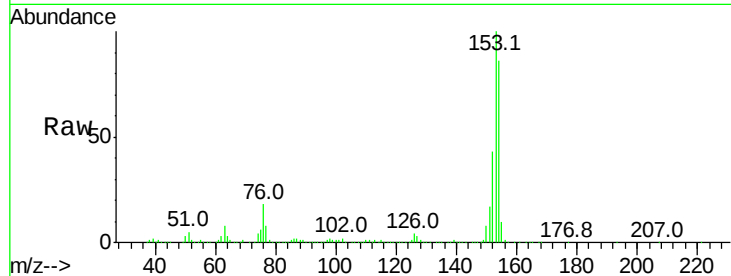


#51
Acenaphthene
Concen: 28.570 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

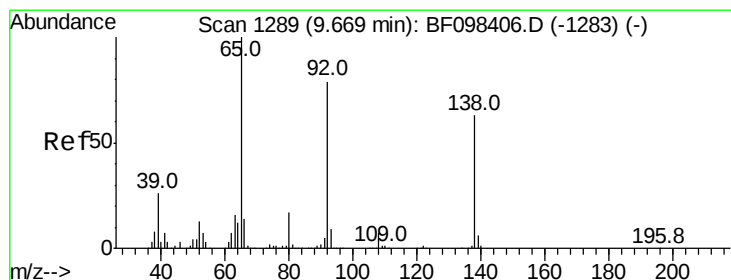
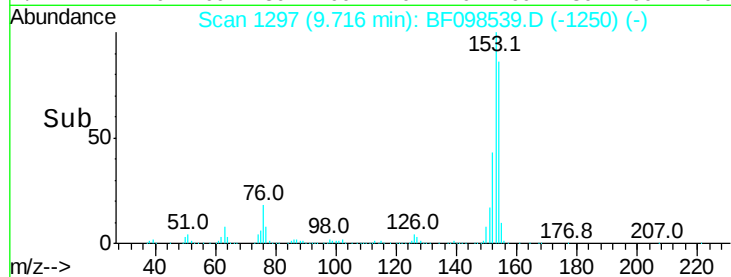
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.5	135.7
152	49.8	43.6	65.4

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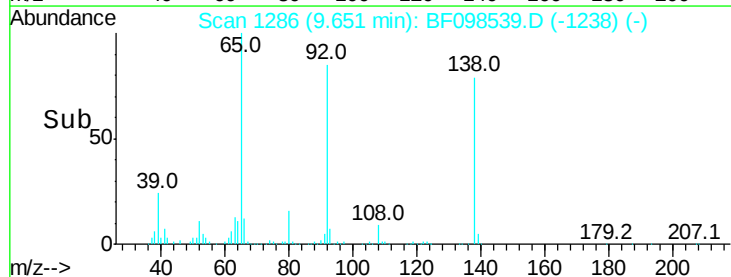
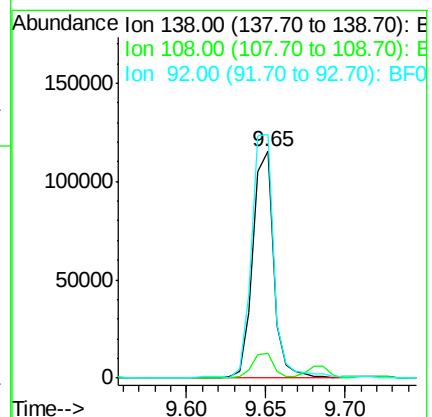
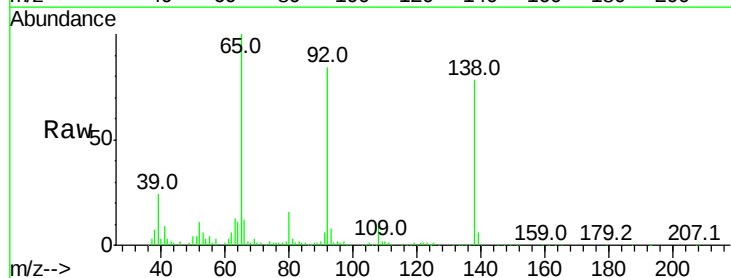
Sohil

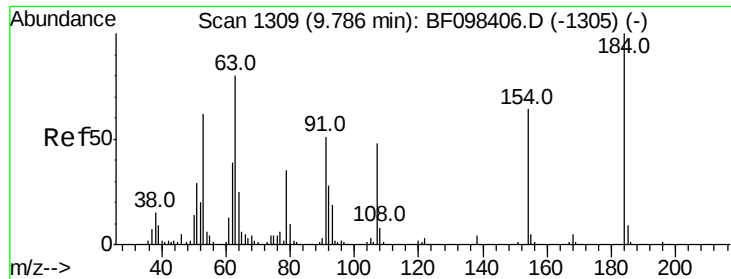
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#52
3-Nitroaniline
Concen: 21.381 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	107.4	93.8	140.6



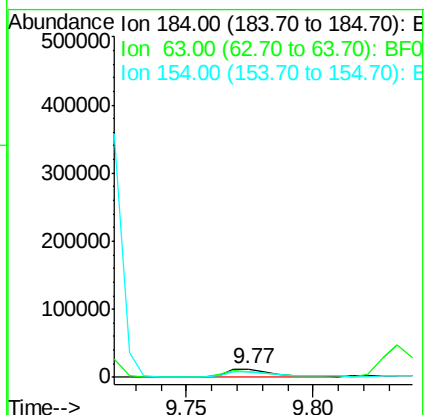
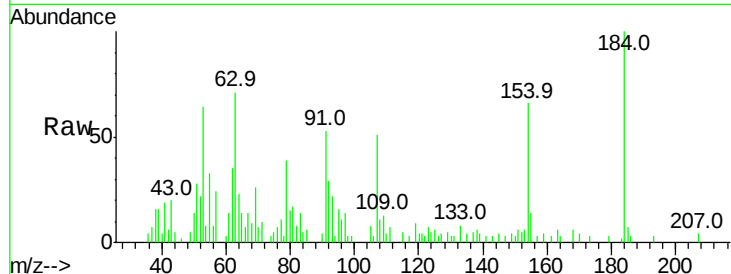


#53
2,4-Dinitrophenol
Concen: 16.671 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

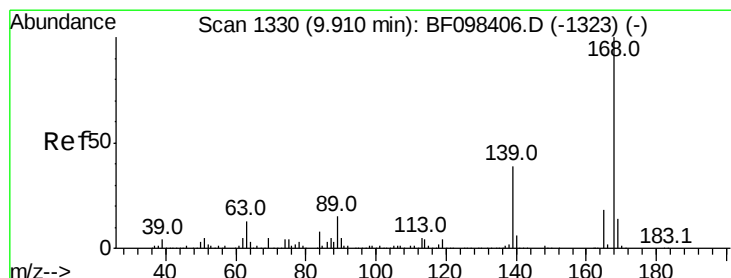
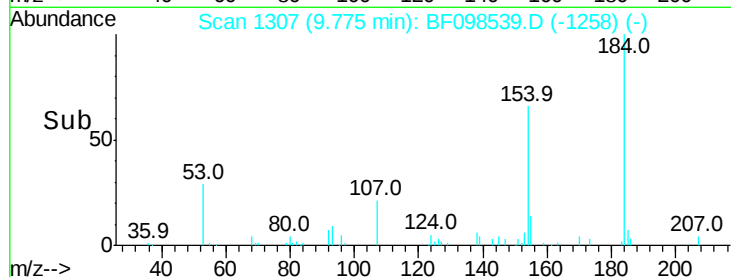
Tot Ion	Ratio	Lower	Upper
184	100		
63	70.8	62.7	94.1
154	66.5	81.1	121.7

Manual Integrations
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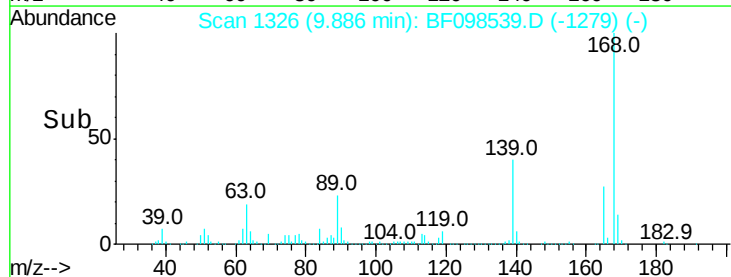
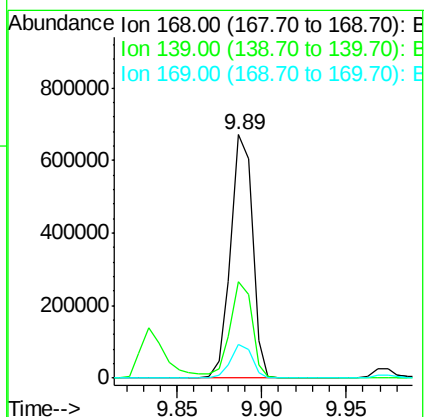
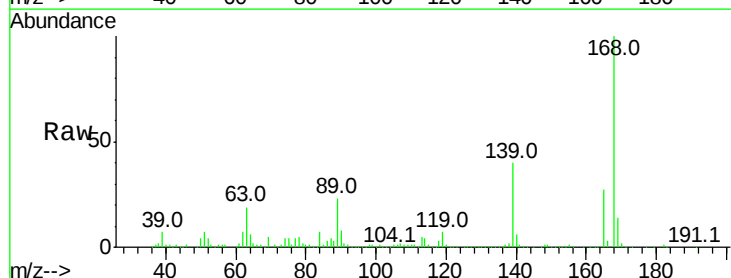
Sohil

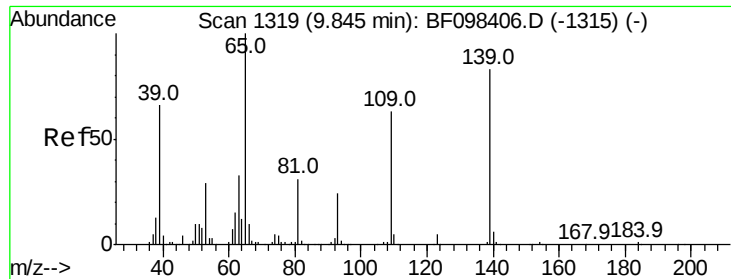
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#54
Dibenzofuran
Concen: 29.355 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.6	45.8
169	13.6	10.8	16.2



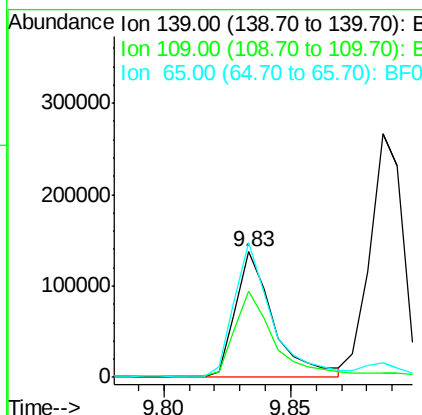
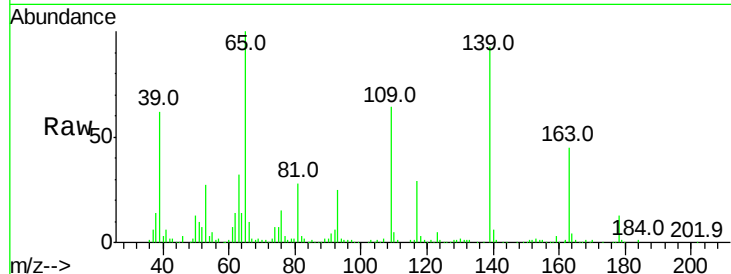


#55
4-Nitrophenol
Concen: 50.827 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

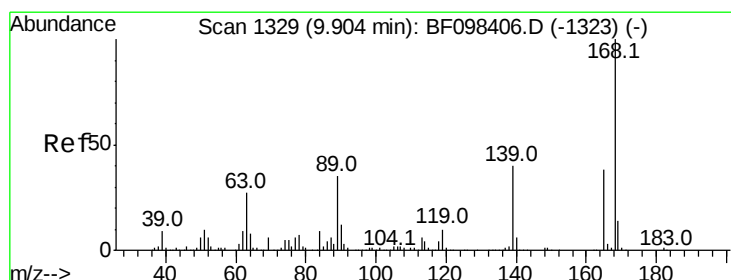
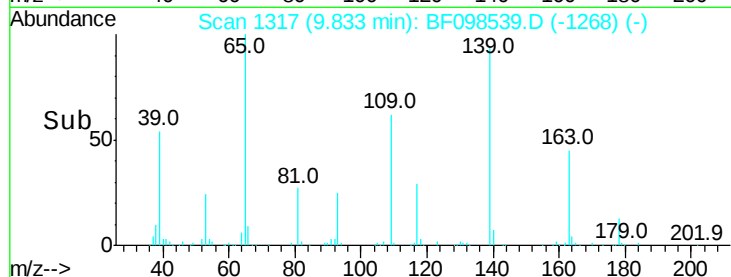
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.0	34.1	74.1	
65	107.4	31.4	71.4	

Manual Integrations
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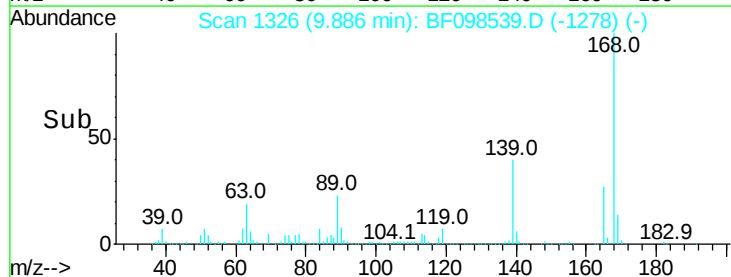
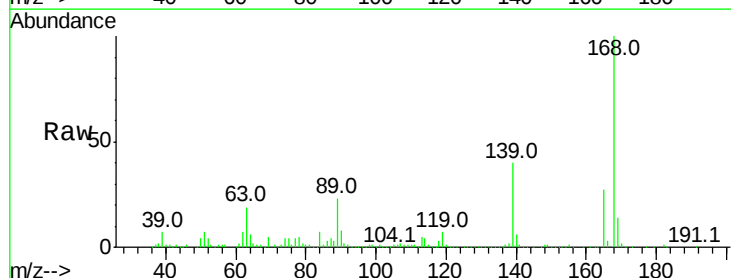
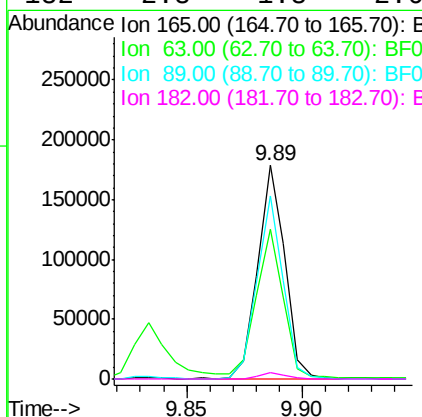
Sohil

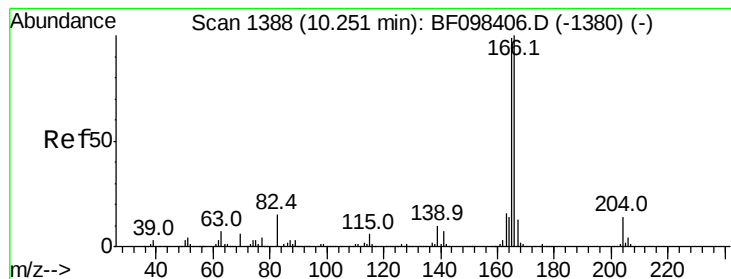
9/15/2017 5:43:53 PM



#56
2,4-Dinitrotoluene
Concen: 28.985 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.1	25.4	38.0	
89	85.7	46.4	69.6	
182	2.8	1.8	2.6	





#57

Fluorene

Concen: 29.029 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

Tot Ion:166 Resp: 494126

Ion Ratio Lower Upper

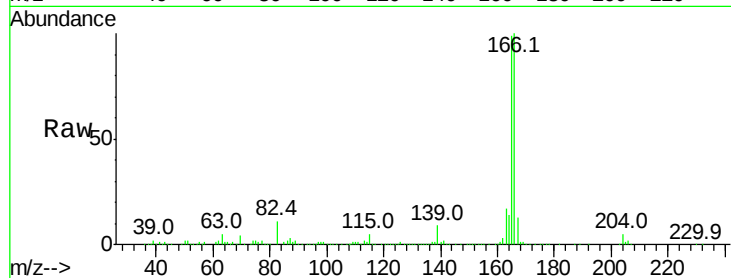
166 100

165 99.2 78.8 118.2

167 13.2 10.6 16.0

Manual Integrations

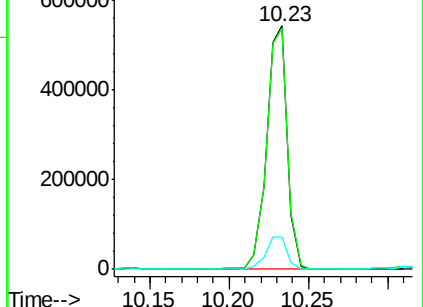
APPROVED



Abundance Ion 166.00 (165.70 to 166.70): E

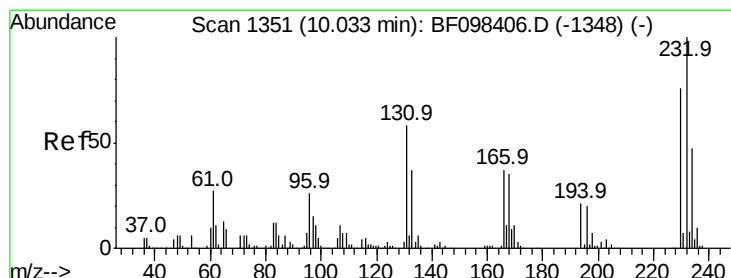
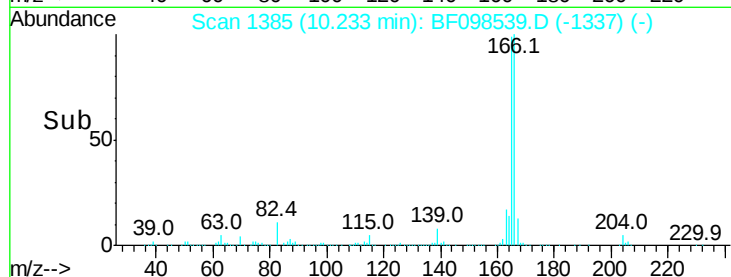
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Sohil

9/15/2017 5:43:53 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.140 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:232 Resp: 106730

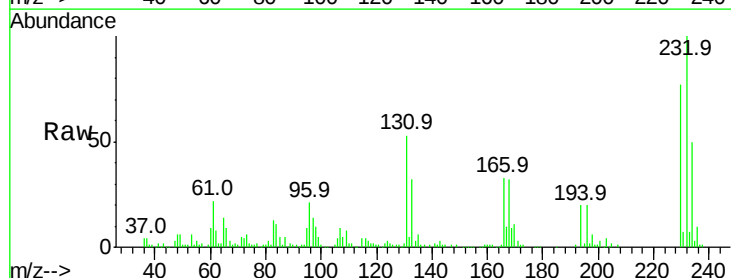
Ion Ratio Lower Upper

232 100

131 51.1 44.8 67.2

130 3.1 2.3 3.5

166 33.4 29.0 43.4

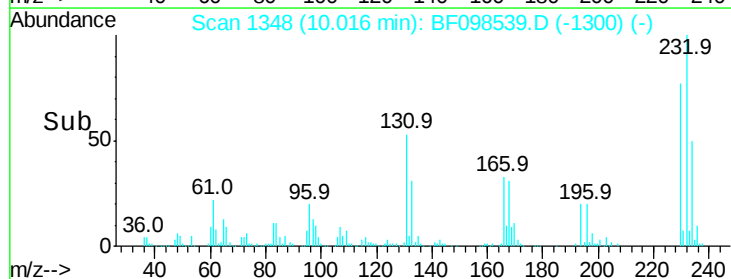
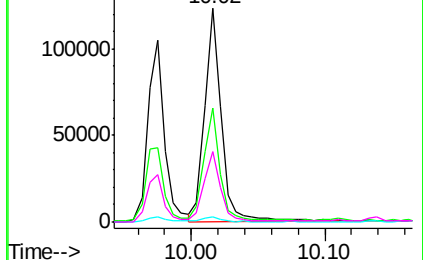


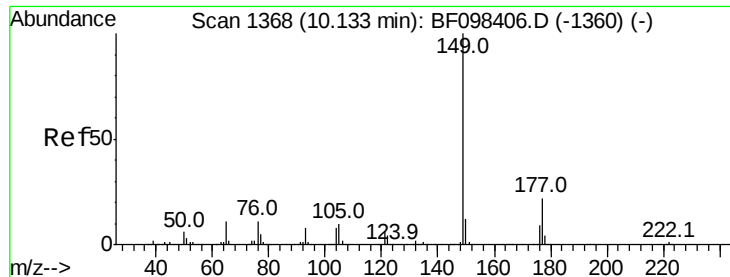
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



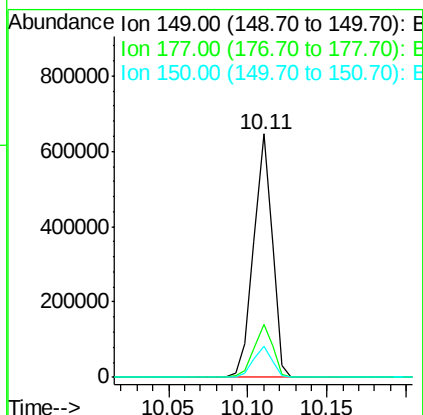
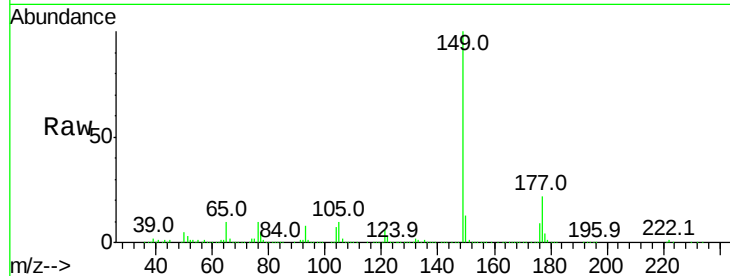


#59
Diethylphthalate
Concen: 27.734 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

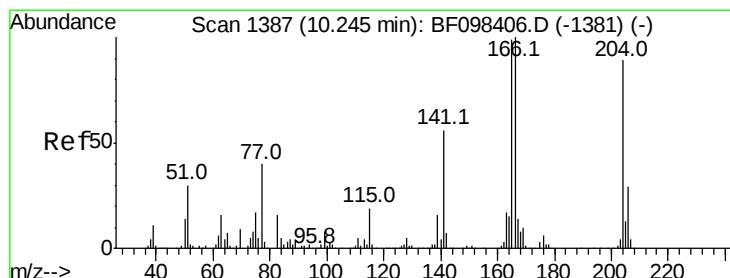
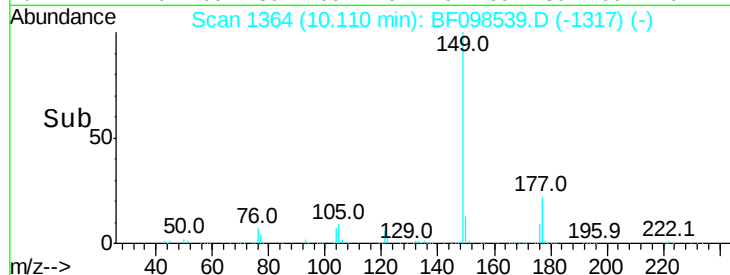
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.5	10.2	15.2

Manual Integrations
APPROVED



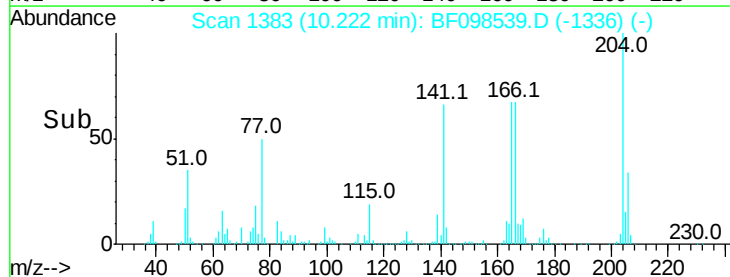
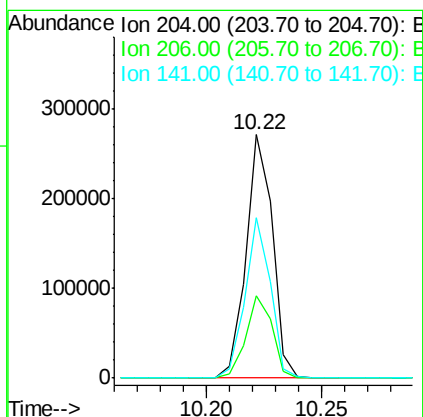
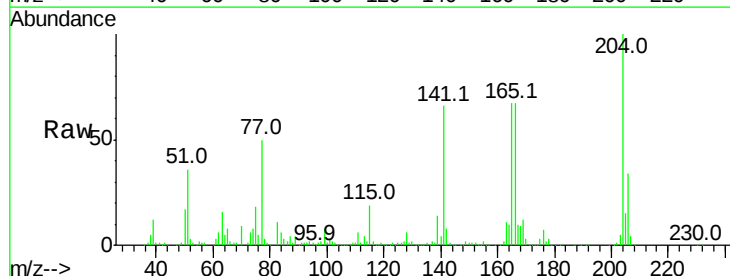
Sohil

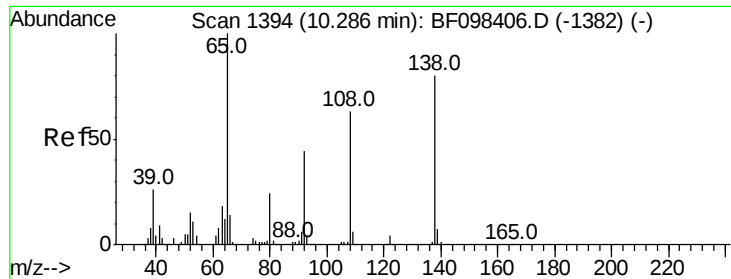
9/15/2017 5:43:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 27.633 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	65.9	60.8	91.2



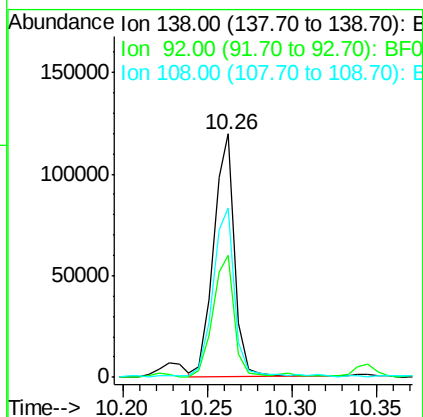
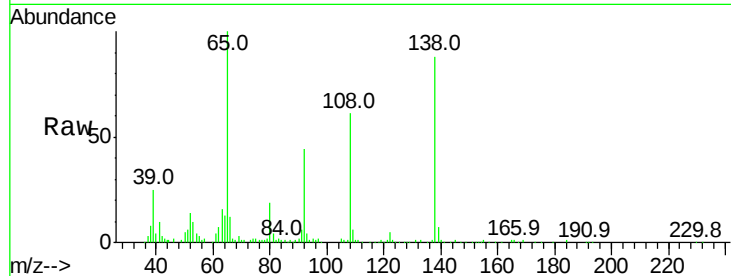


#61
4-Nitroaniline
Concen: 20.865 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

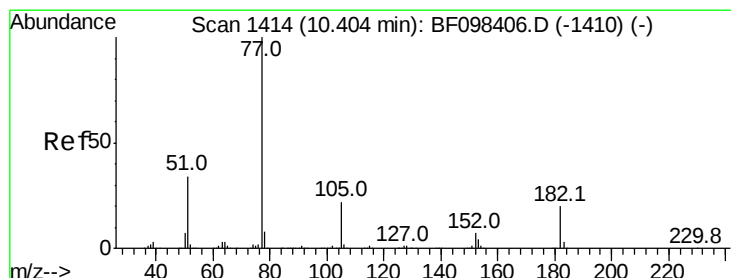
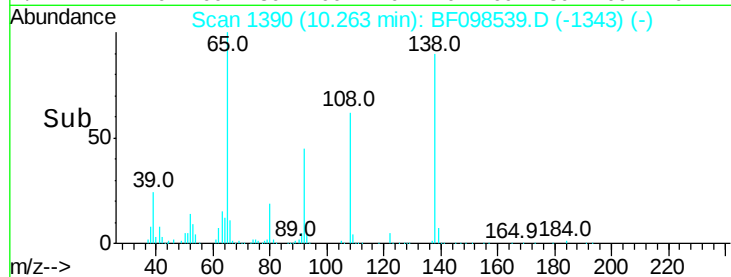
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.9	21.8	61.8	
108	69.5	42.3	82.3	

Manual Integrations
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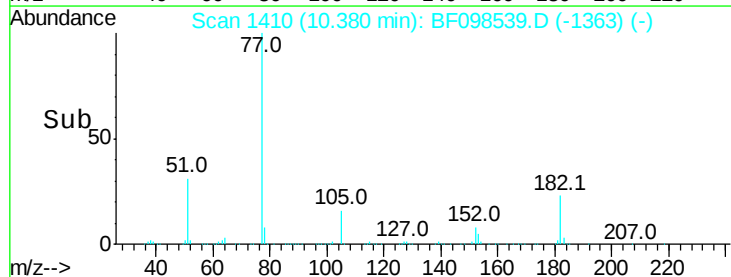
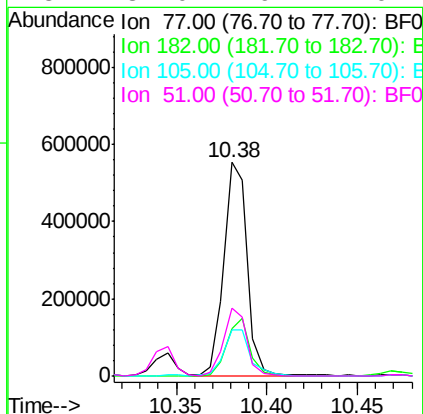
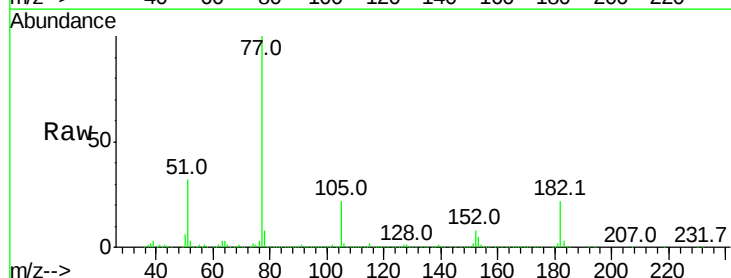
Sohil

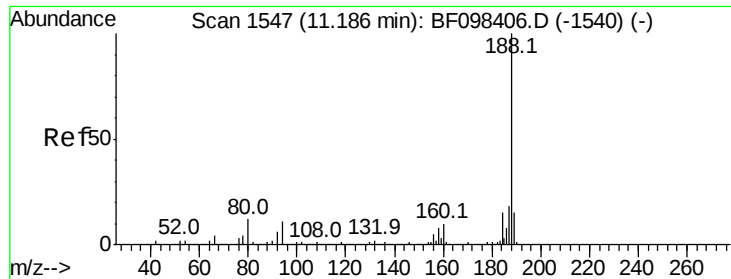
9/15/2017 5:43:53 PM



#62
Azobenzene
Concen: 23.956 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.3	0.1	40.1	
105	21.7	3.6	43.6	
51	32.0	9.4	49.4	



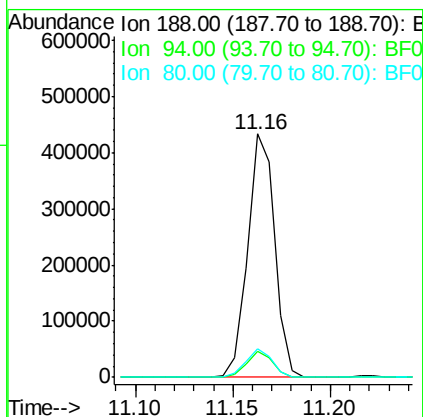
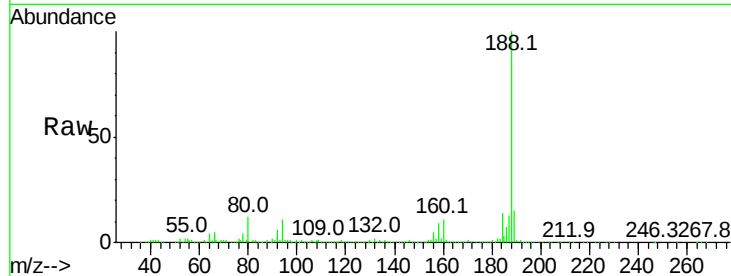


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

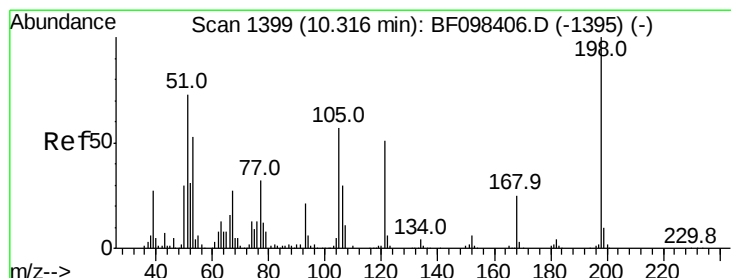
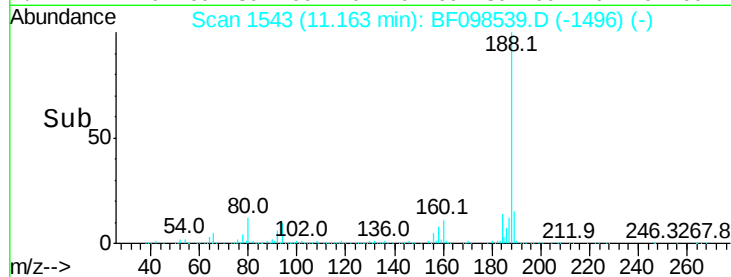
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	11.6	10.2	15.2	

Manual Integrations
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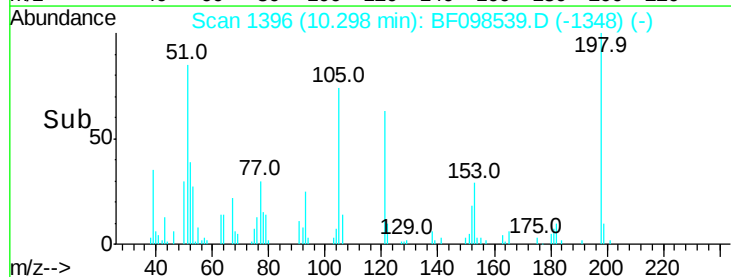
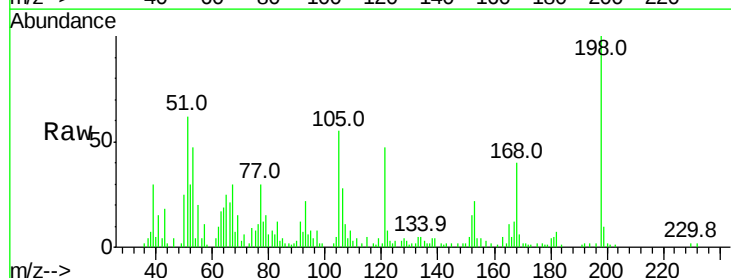
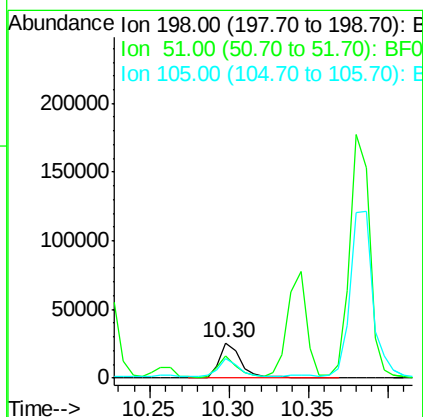
Sohil

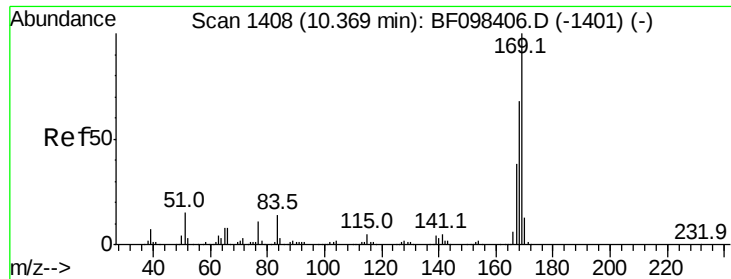
9/15/2017 5:43:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.572 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.6	53.2	93.2	
105	54.8	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 30.934 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MSD

Tot Ion:169 Resp: 416136

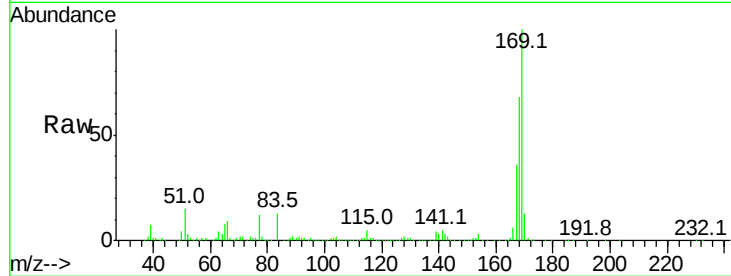
Ion Ratio Lower Upper

169 100

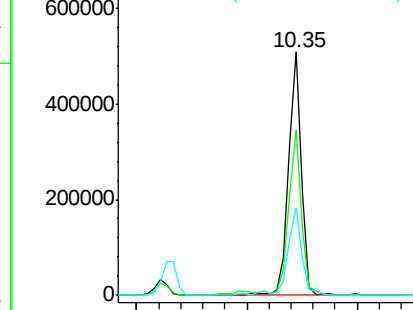
168 67.8 53.2 79.8

167 35.9 29.5 44.3

Manual Integrations
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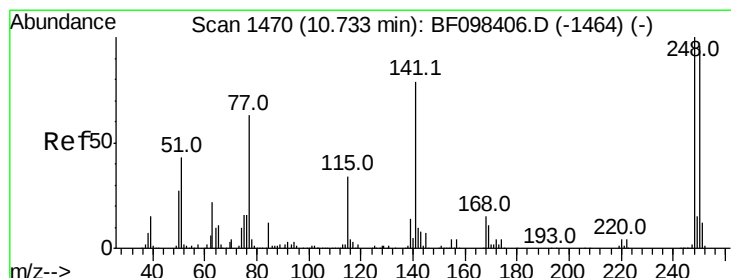
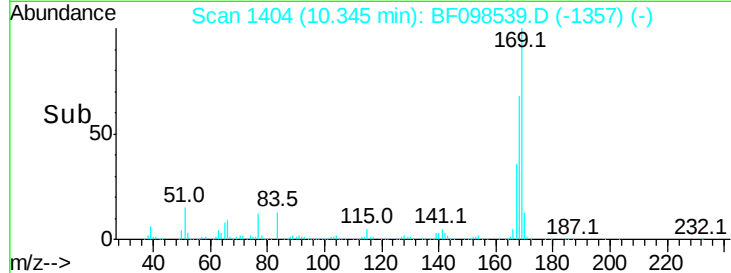


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Sohil

9/15/2017 5:43:53 PM



#66

4-Bromophenyl-phenylether

Concen: 31.782 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

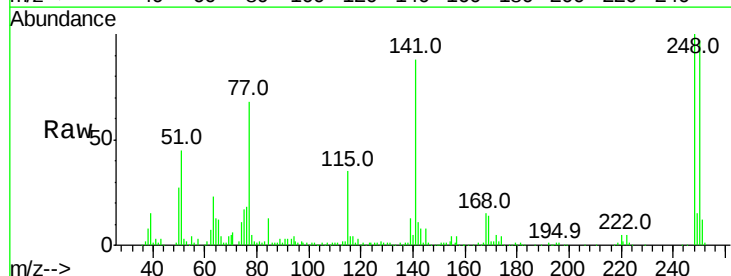
Tgt Ion:248 Resp: 124969

Ion Ratio Lower Upper

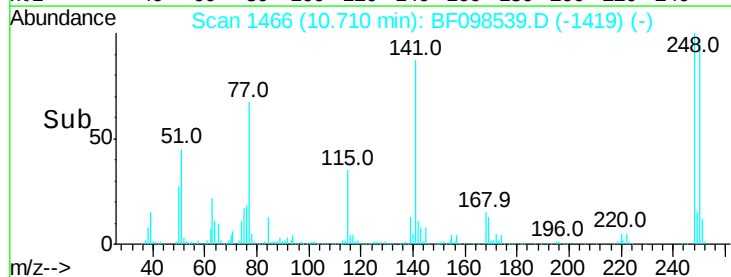
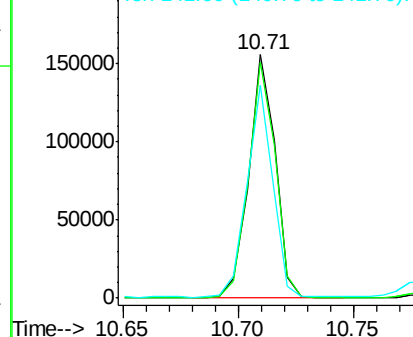
248 100

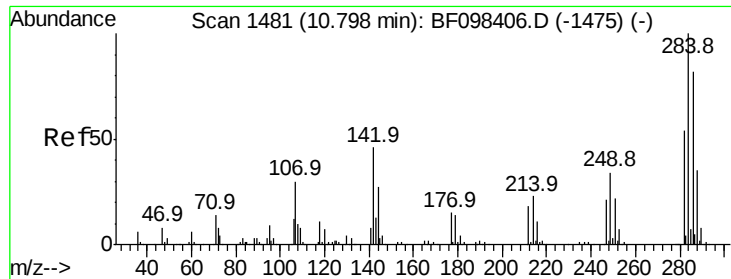
250 96.9 76.8 115.2

141 87.6 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



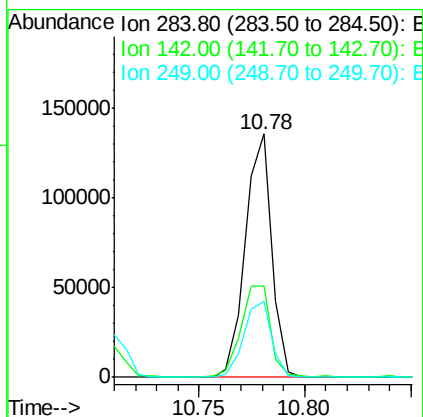
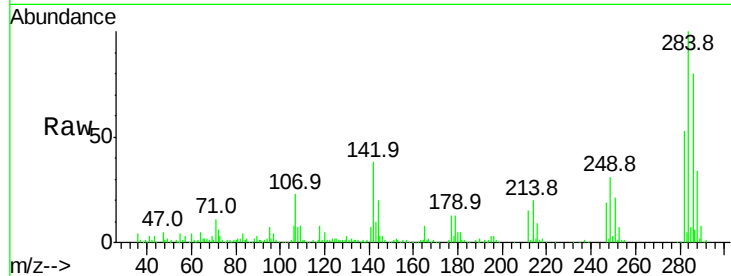


#67
Hexachlorobenzene
Concen: 29.454 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

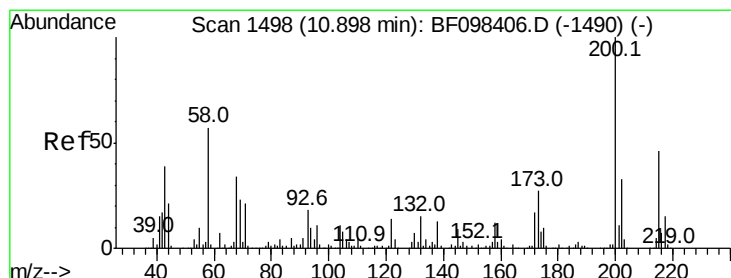
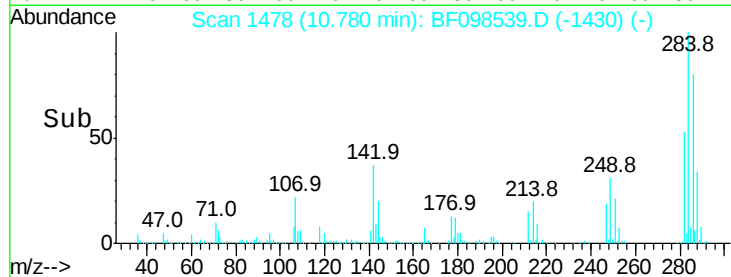
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.5	22.8	34.2#	
249	31.4	24.0	36.0	

Manual Integrations
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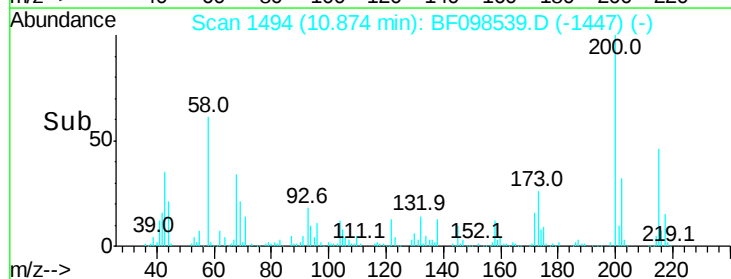
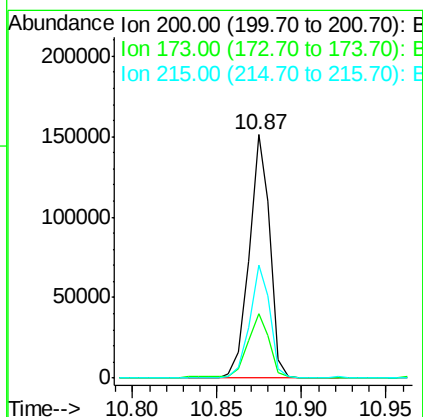
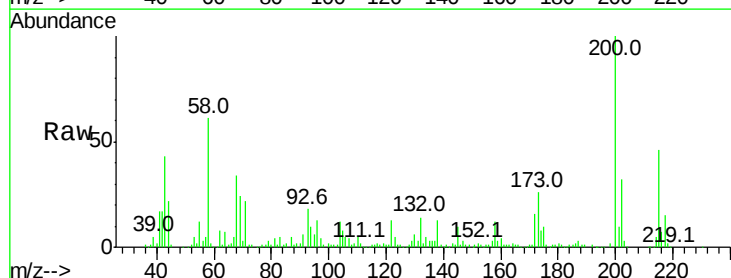
Sohil

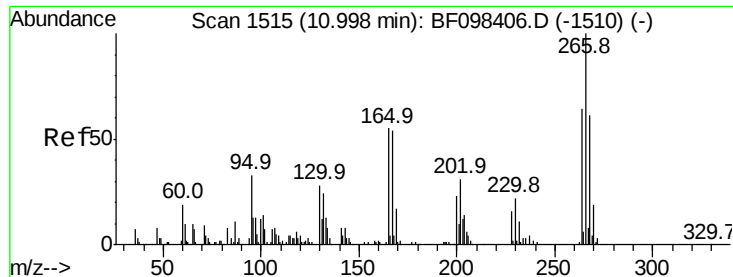
9/15/2017 5:43:53 PM



#68
Atrazine
Concen: 31.265 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	6.3	46.3	
215	46.3	27.2	67.2	



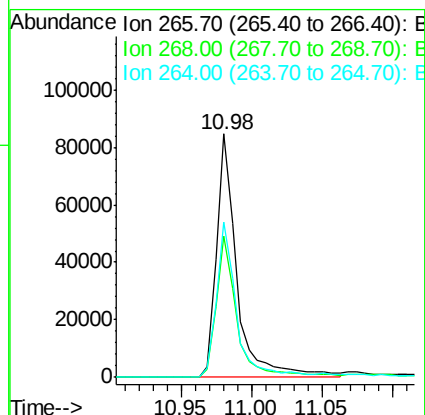
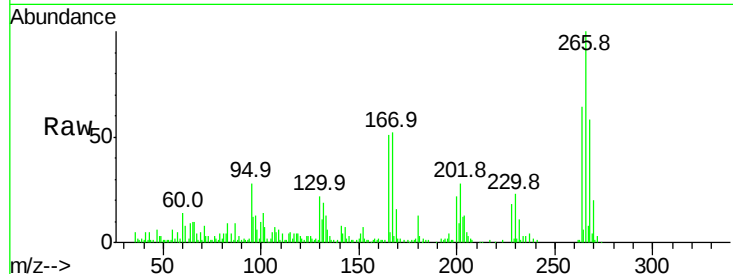


#69
 Pentachlorophenol
 Concen: 51.507 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

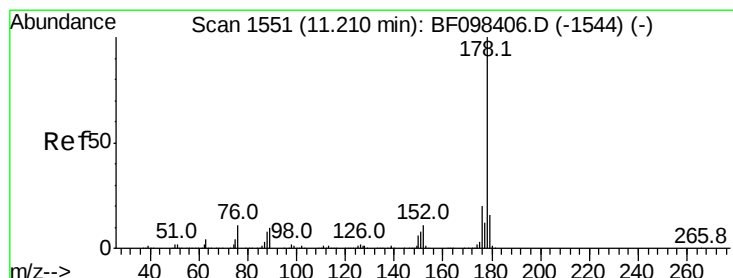
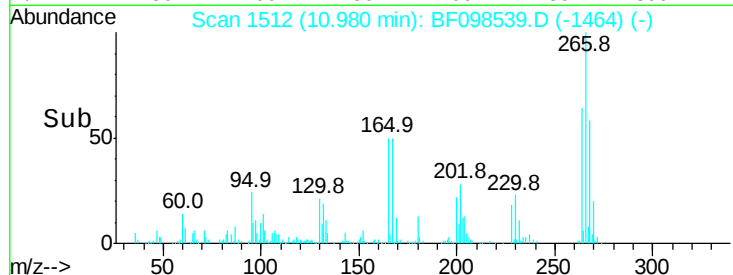
Tot Ion	Ratio	Lower	Upper
266	100		
268	58.1	51.1	76.7
264	63.9	51.7	77.5

Manual Integrations
 APPROVED



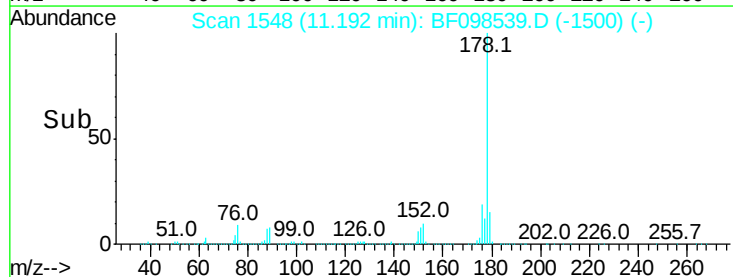
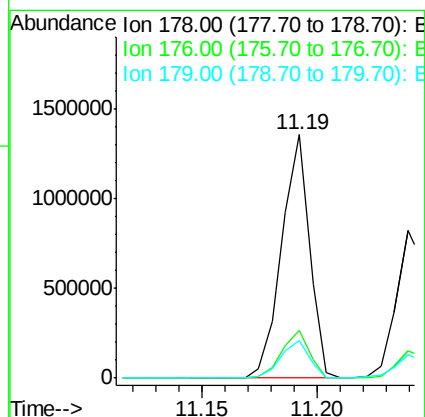
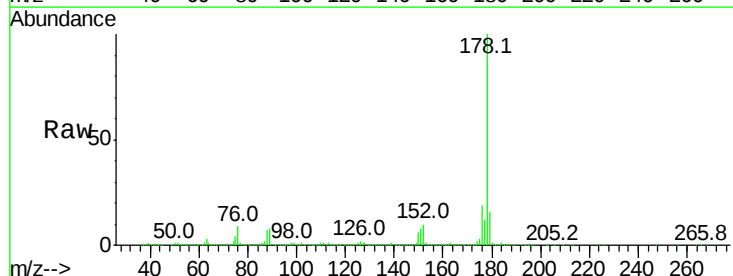
Sohil

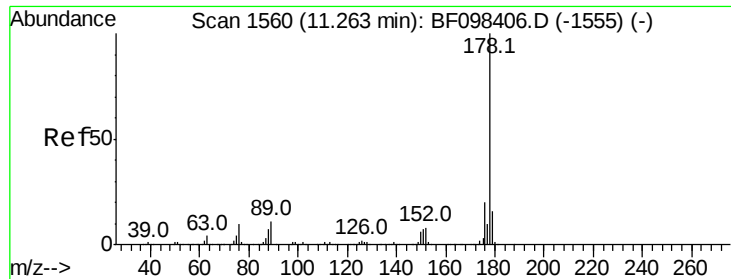
9/15/2017 5:43:53 PM



#70
 Phenanthrene
 Concen: 51.500 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.5	12.6	19.0



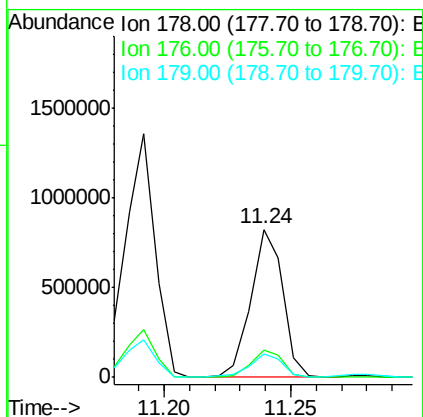
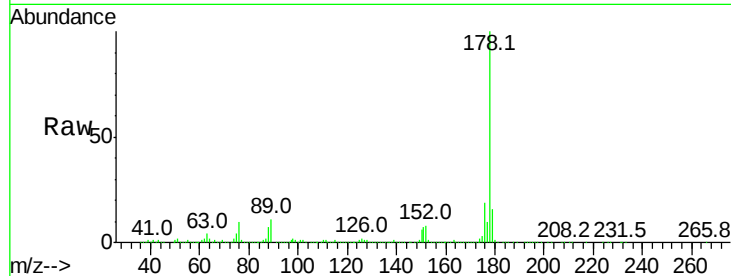


#71
 Anthracene
 Concen: 31.710 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

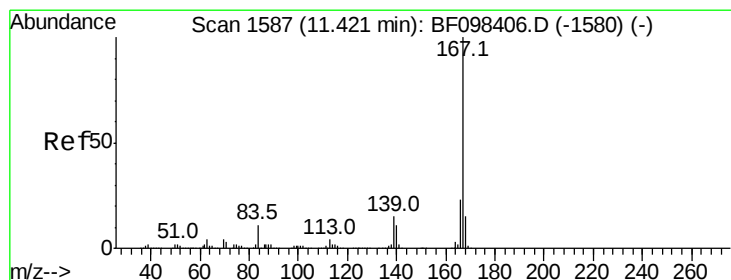
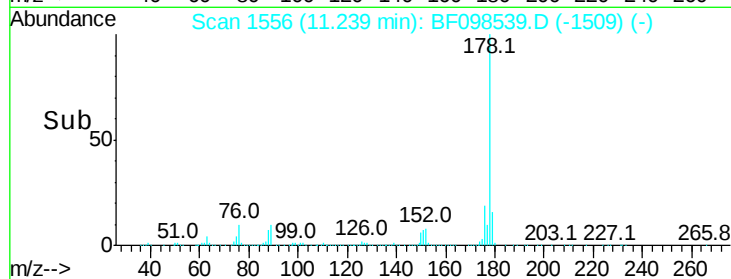
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.8	12.7	19.1

Manual Integrations
 APPROVED



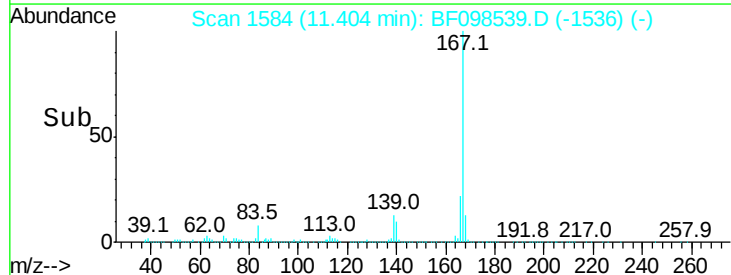
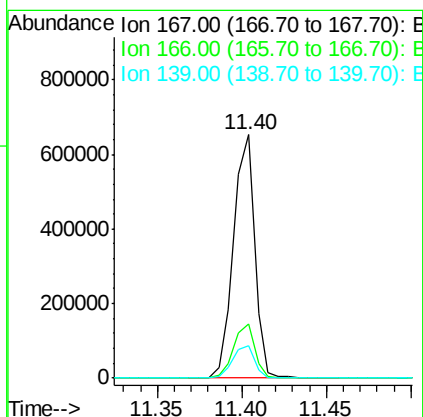
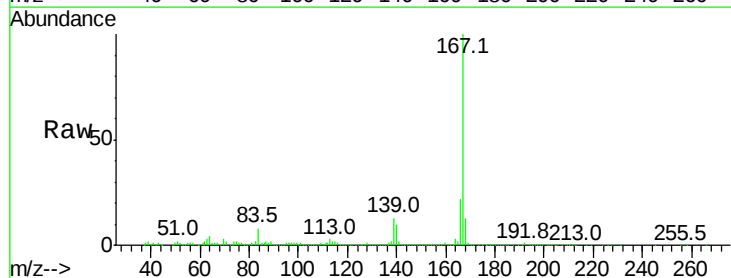
Sohil

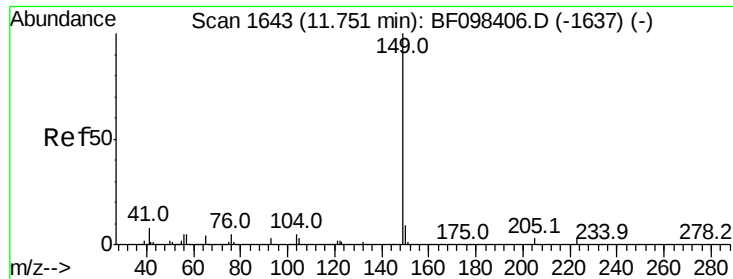
9/15/2017 5:43:53 PM



#72
 Carbazole
 Concen: 27.121 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 27.504 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

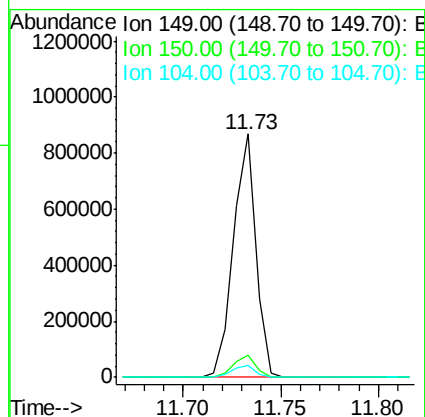
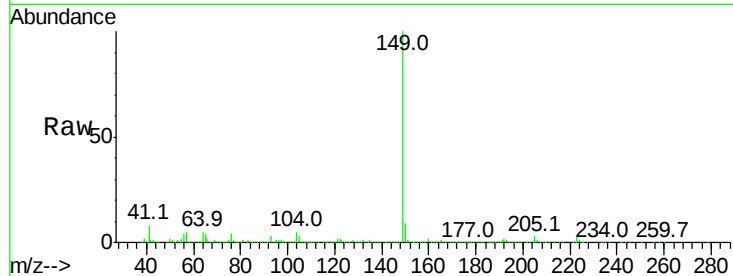
BNA_F

ClientSampleId :

RL-15-0-17.5MSD

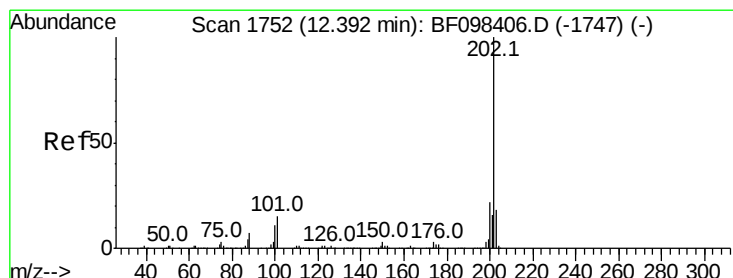
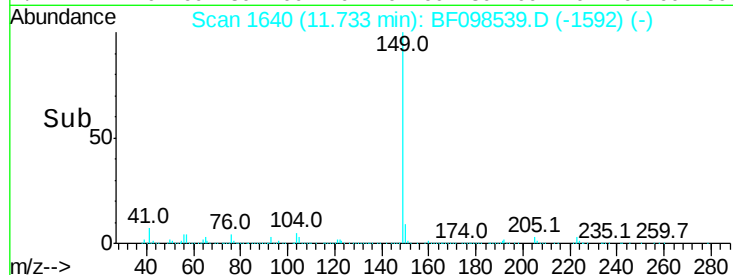
Tot Ion:	149	Resp:	692553
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.9	4.0	6.0

Manual Integrations
APPROVED



Sohil

9/15/2017 5:43:53 PM



#74

Fluoranthene

Concen: 55.507 ng

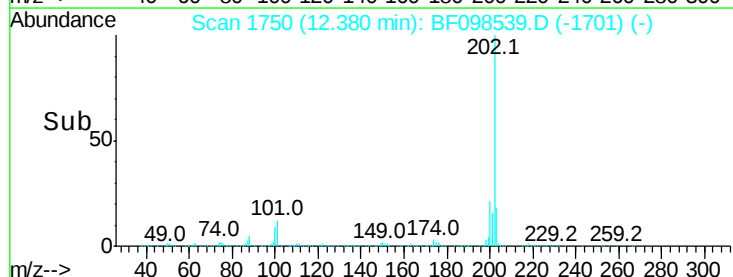
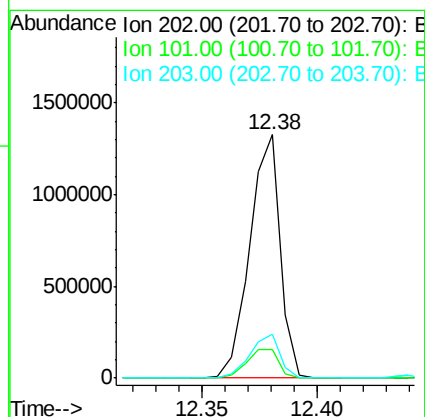
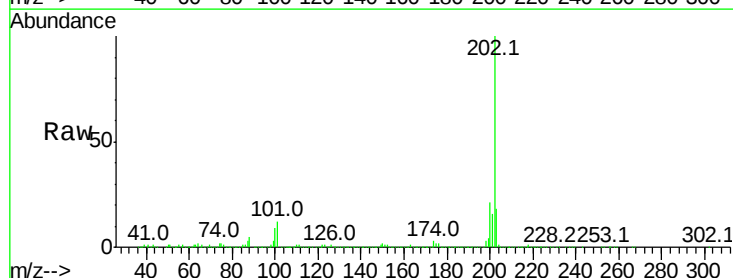
RT: 12.38 min Scan# 1750

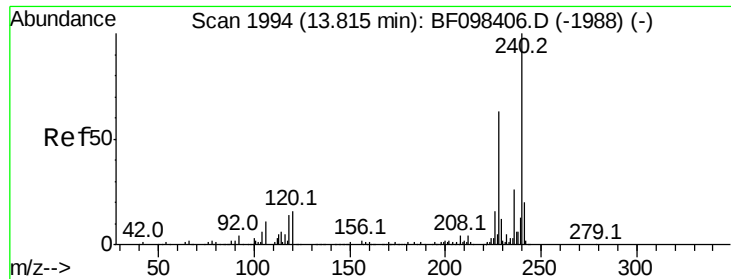
Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:	202	Resp:	1220435
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

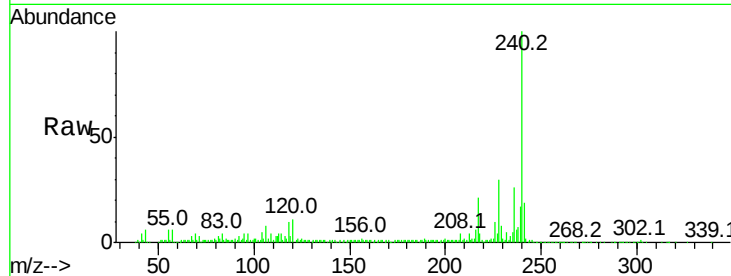
BNA_F

ClientSampleId :

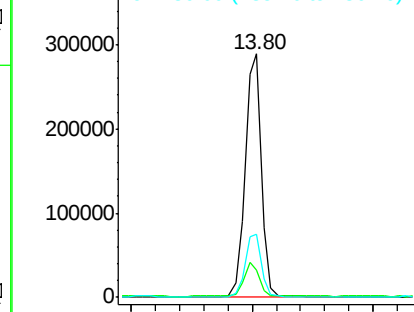
RL-15-0-17.5MSD

Tot Ion:	240	Resp:	269567
Ion Ratio	Lower	Upper	
240	100		
120	11.2	5.8	8.8#
236	26.2	20.5	30.7

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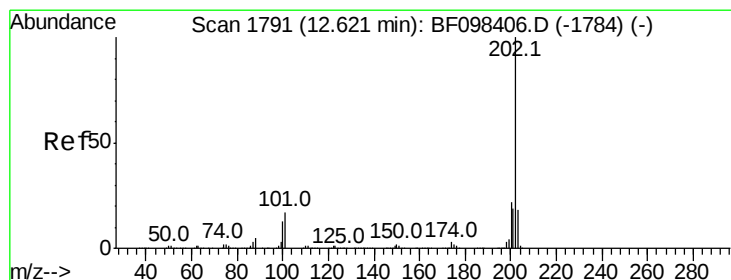
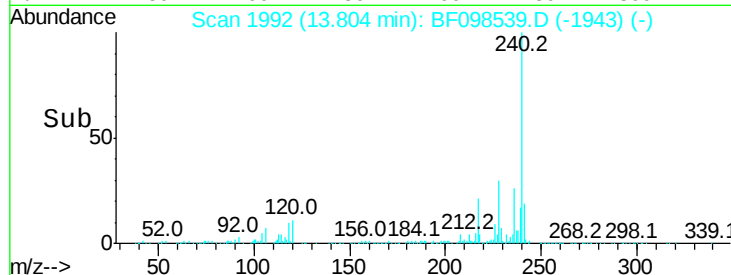


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 52.626 ng

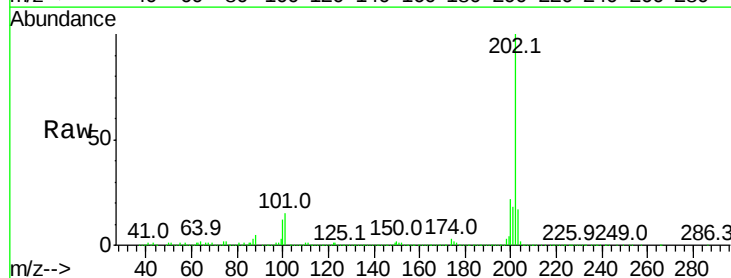
RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

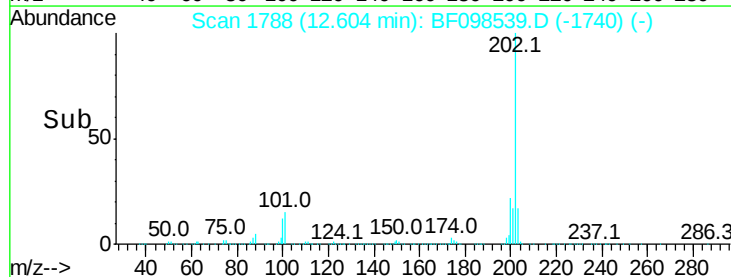
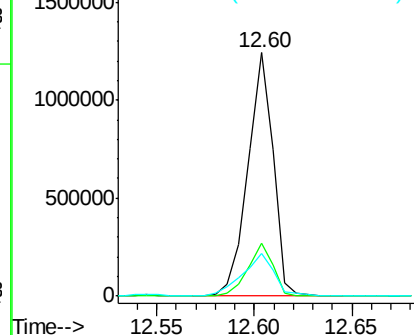
Lab File: BF098539.D

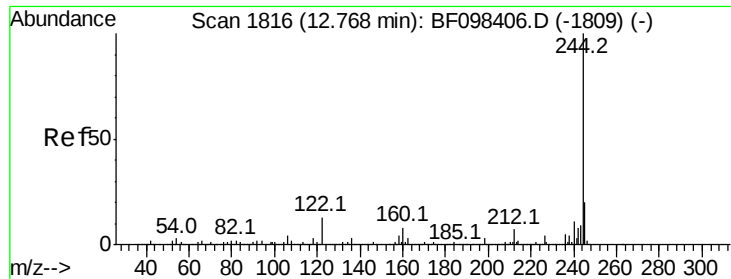
Acq: 14 Sep 2017 20:27

Tgt Ion:	202	Resp:	1119106
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	17.4	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



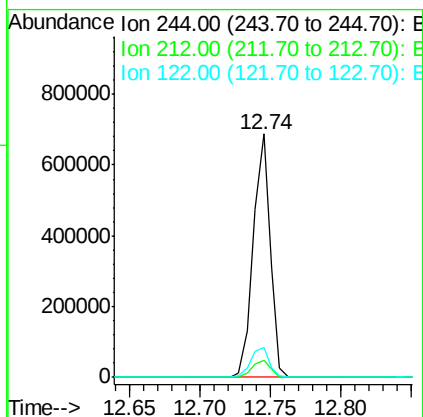
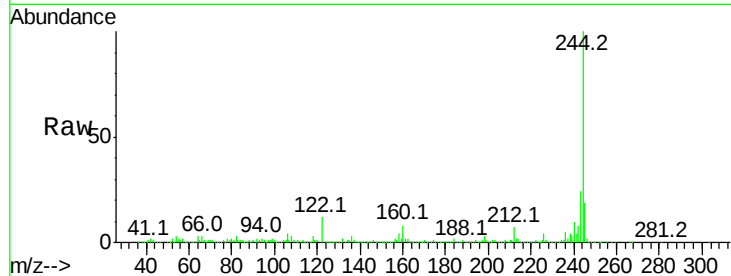


#78
 Terphenyl-d14
 Concen: 46.665 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MSD

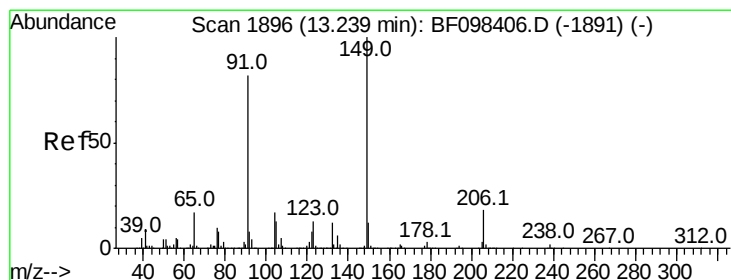
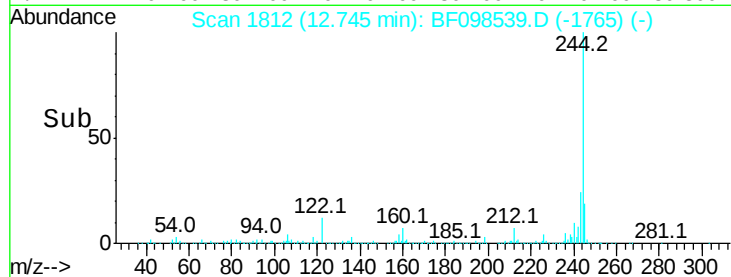
Tot Ion:244	Resp: 582795
Ion Ratio	Lower Upper
244 100	
212 7.2	6.0 9.0
122 12.2	10.3 15.5

Manual Integrations
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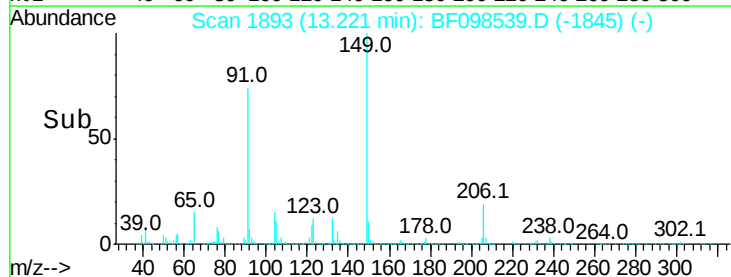
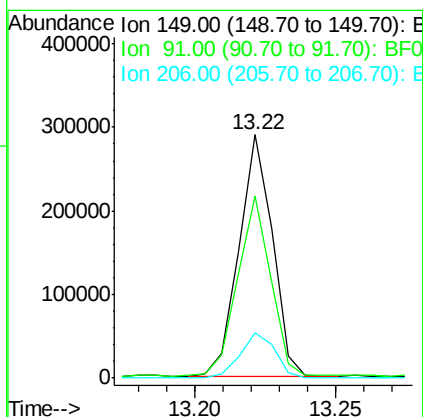
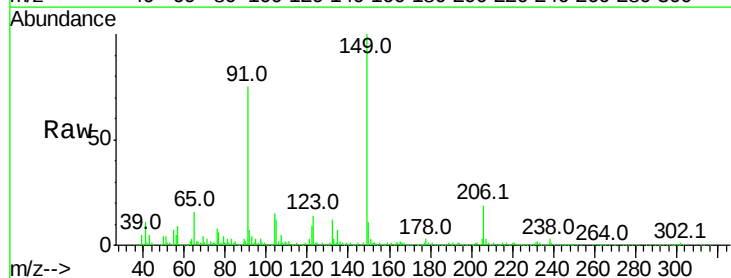
Sohil

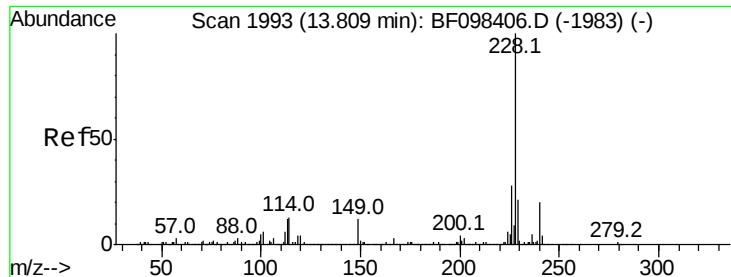
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#79
 Butylbenzylphthalate
 Concen: 25.504 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.02 min
 Lab File: BF098539.D
 Acq: 14 Sep 2017 20:27

Tgt Ion:149	Resp: 235280
Ion Ratio	Lower Upper
149 100	
91 74.8	45.0 67.4#
206 18.7	17.0 25.6



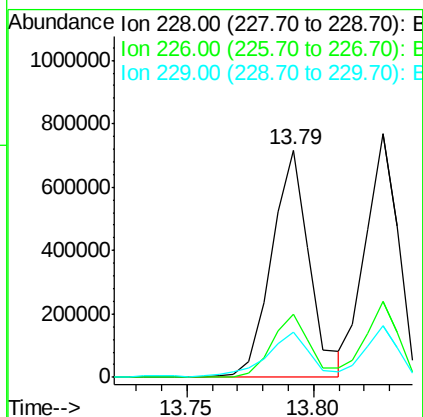
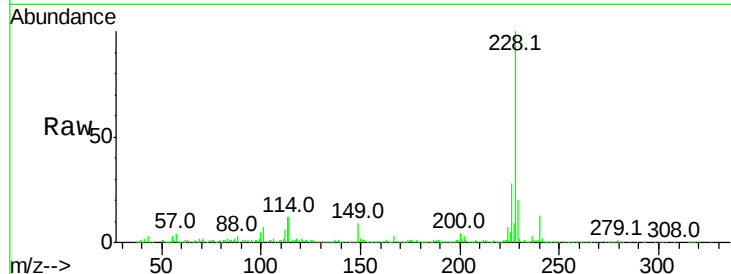


#80
Benzo(a)anthracene
Concen: 46.907 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

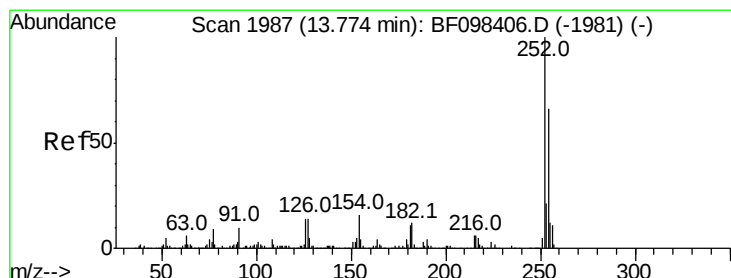
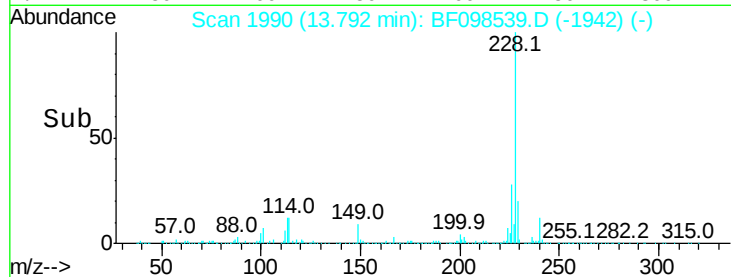
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	16.3	24.5

Manual Integrations
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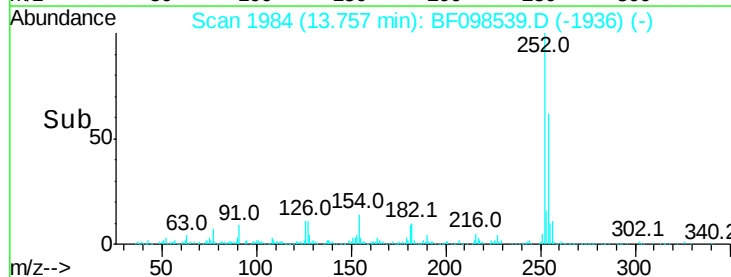
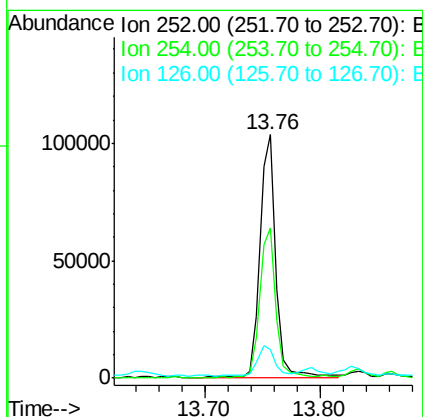
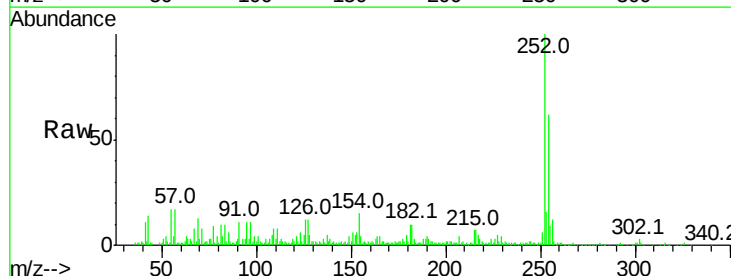
Sohil

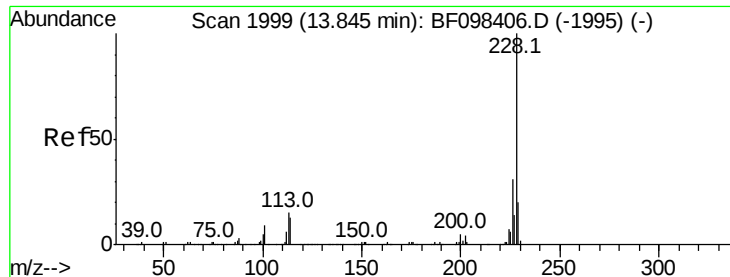
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#81
3,3'-Dichlorobenzidine
Concen: 16.523 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.5	77.3
126	11.9	15.8	23.8



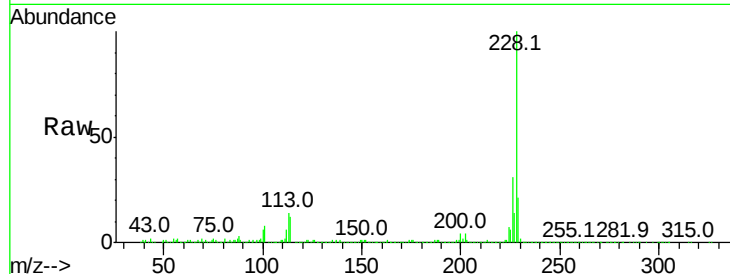


#82
Chrysene
Concen: 42.963 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

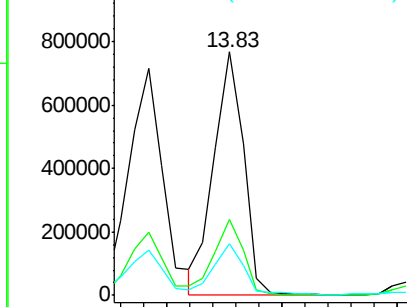
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.2	15.8	23.6

Manual Integrations
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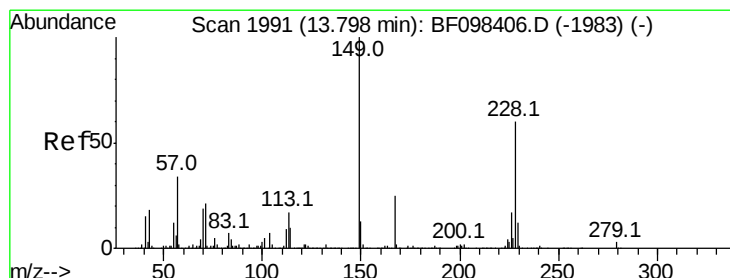
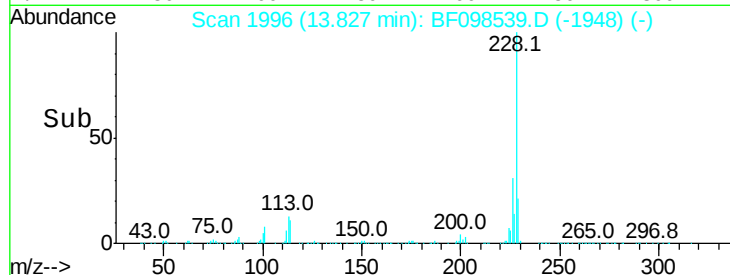


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



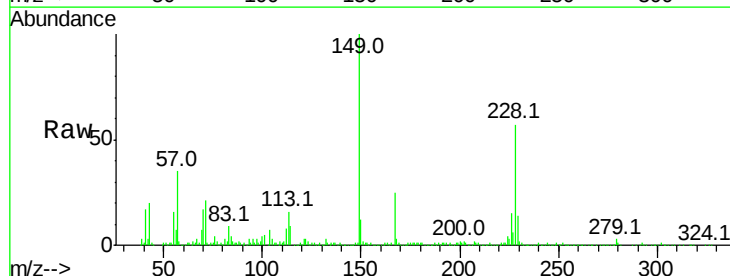
Sohil

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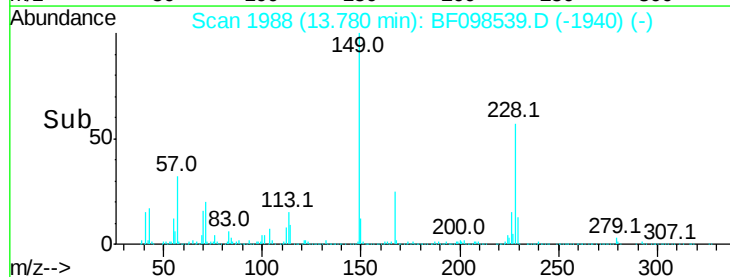
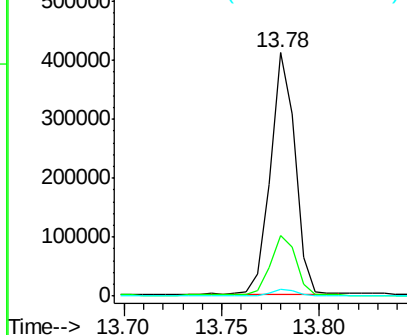


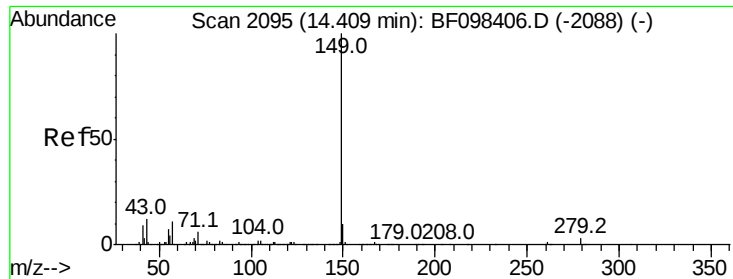
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.833 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	2.9	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 30.290 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Instrument :

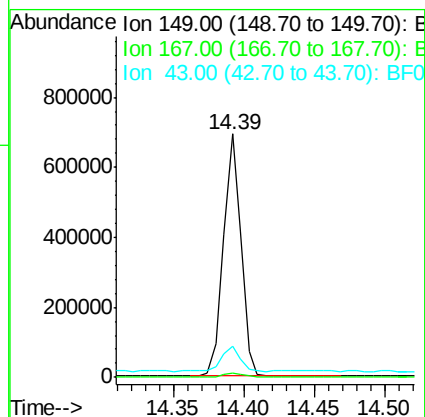
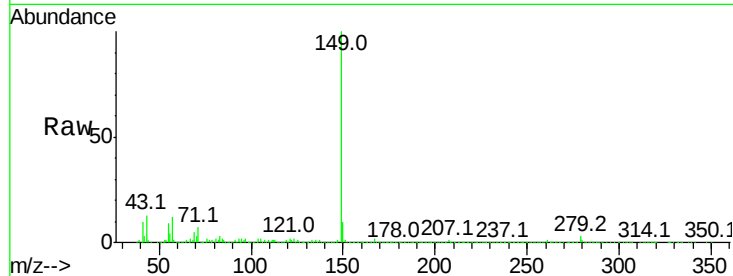
BNA_F

ClientSampleId :

RL-15-0-17.5MSD

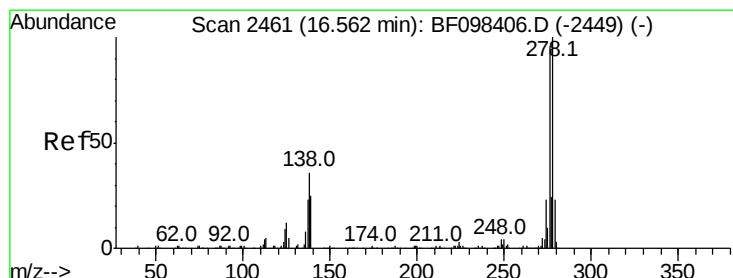
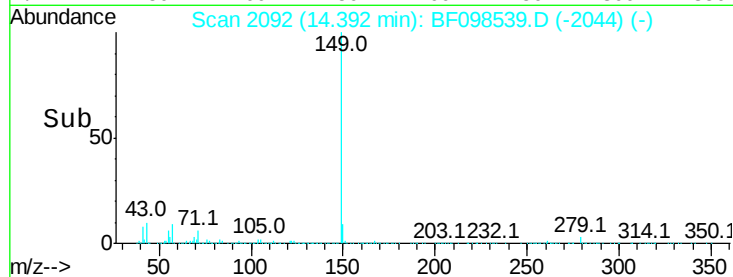
Tot Ion:	149	Resp:	601696
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.8	8.5	12.7

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#85

Indeno(1,2,3-cd)pyrene

Concen: 51.272 ng

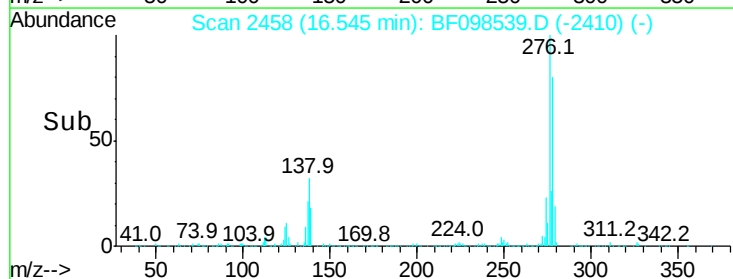
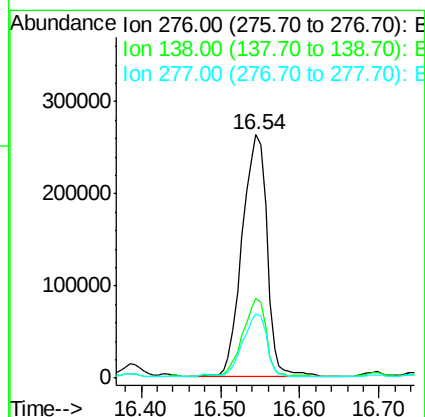
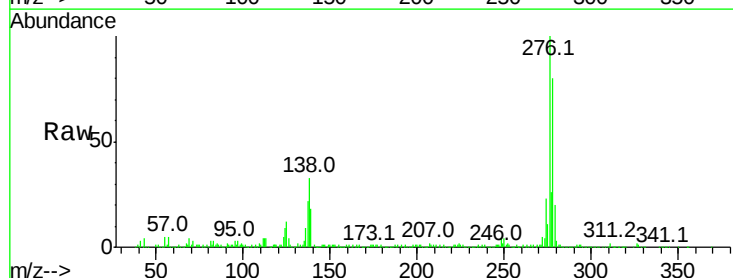
RT: 16.54 min Scan# 2458

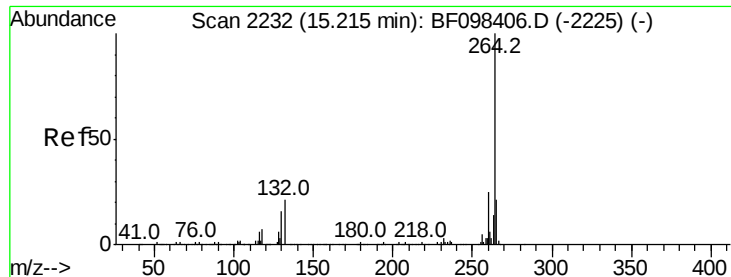
Delta R.T. -0.02 min

Lab File: BF098539.D

Acq: 14 Sep 2017 20:27

Tgt Ion:	276	Resp:	574670
Ion Ratio	Lower	Upper	
276	100		
138	29.1	27.8	41.6
277	25.0	20.2	30.4



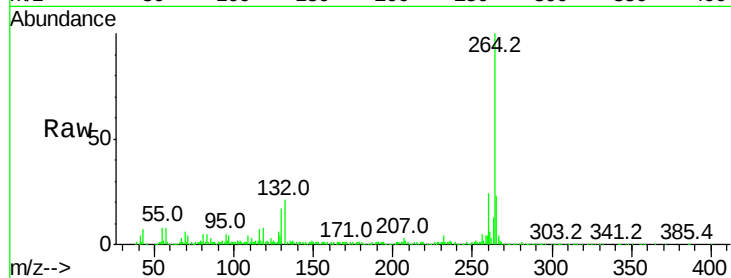


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

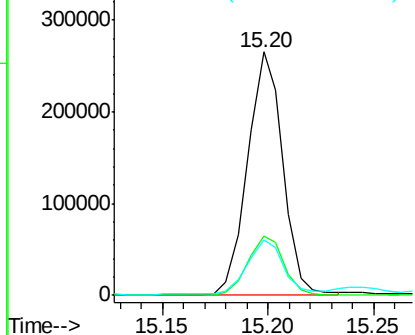
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.8	17.2	25.8

Manual Integrations
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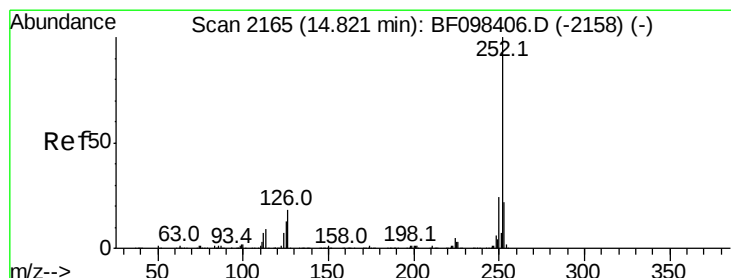
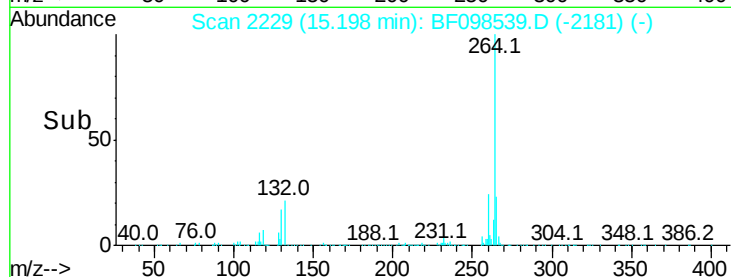


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



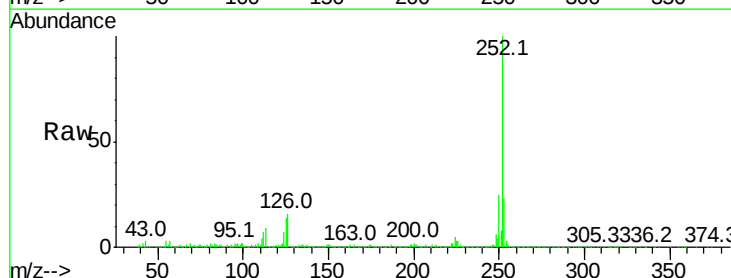
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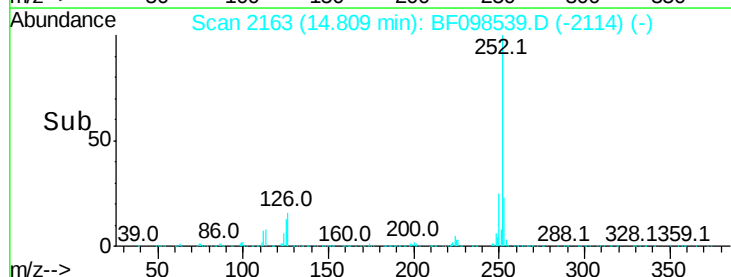
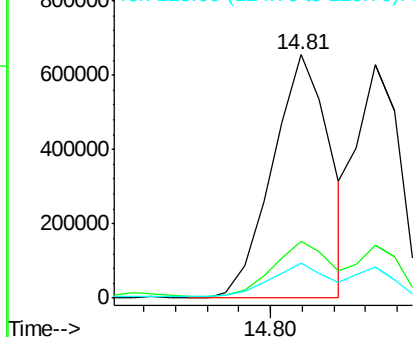


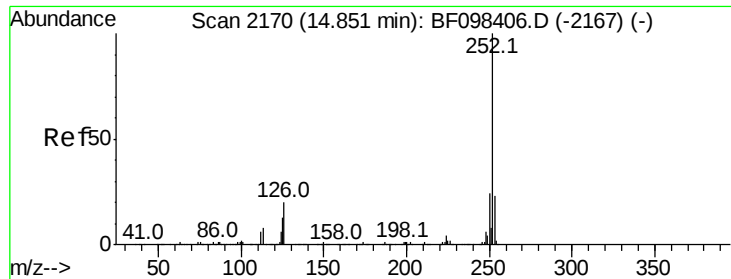
#87
Benzo(b)fluoranthene
Concen: 43.107 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	14.3	9.8	14.8



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



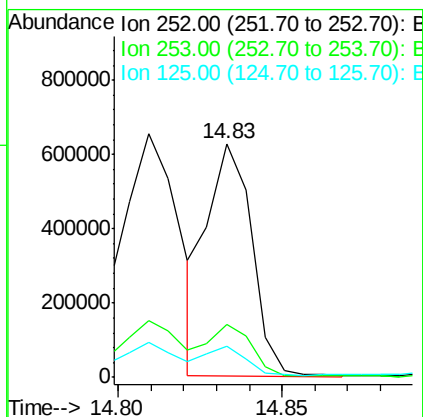
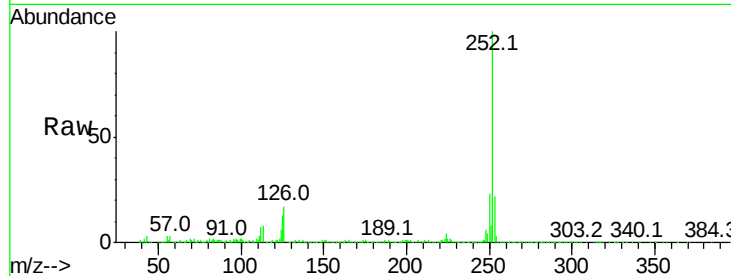


#88
Benzo(k)fluoranthene
Concen: 32.883 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

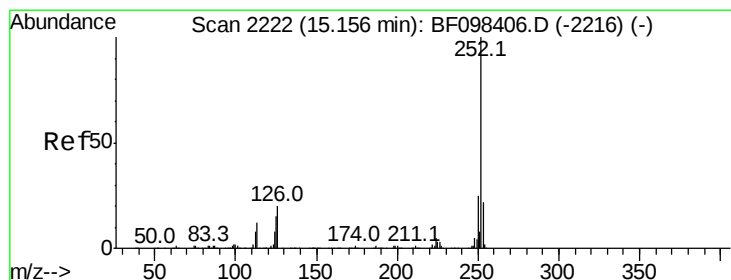
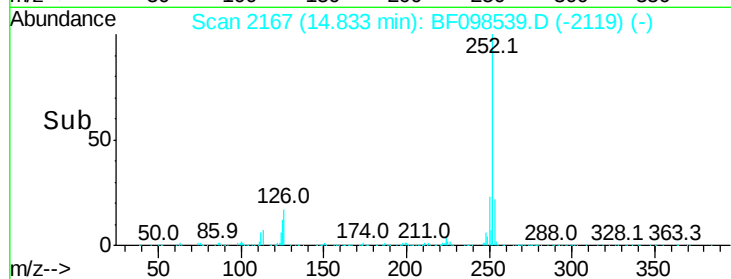
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.1	13.1	19.7

Manual Integrations
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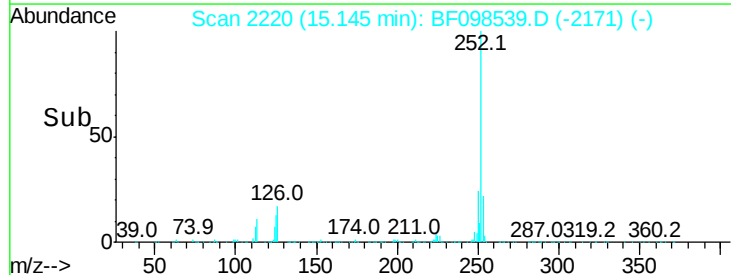
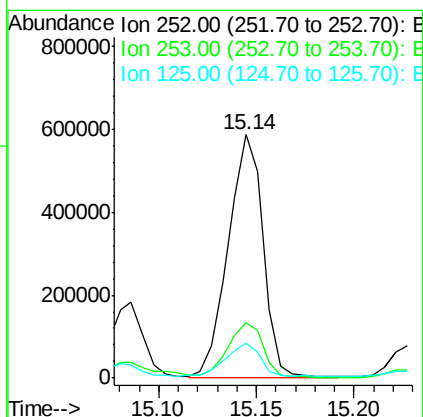
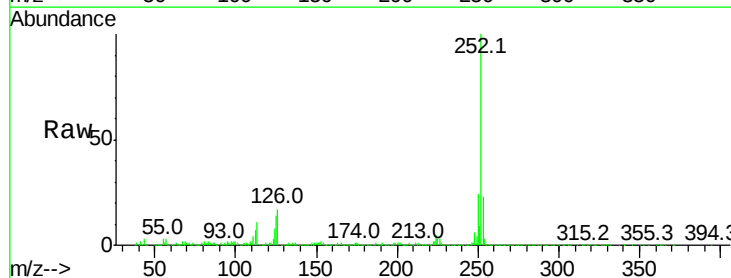
Sohil

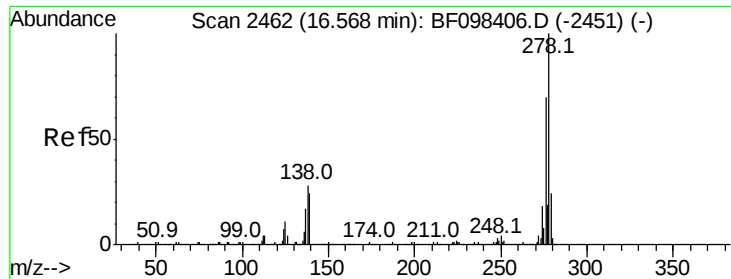
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#89
Benzo(a)pyrene
Concen: 42.271 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	14.2	11.0	16.4



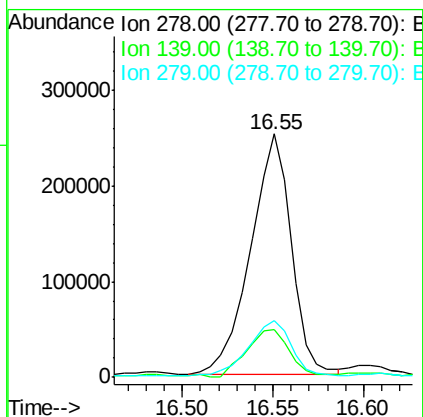
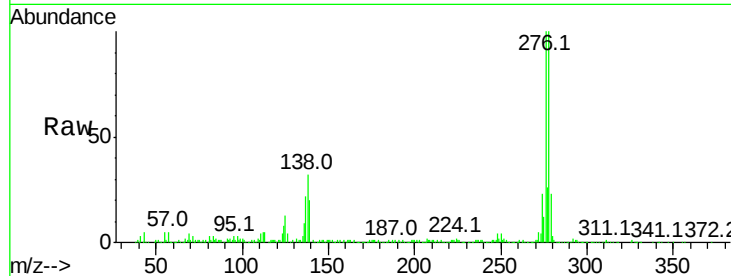


#90
Dibenzo(a,h)anthracene
Concen: 31.686 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

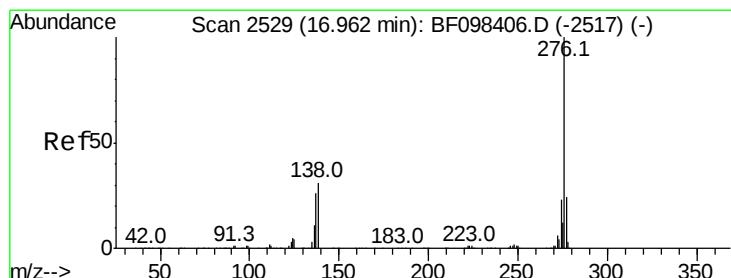
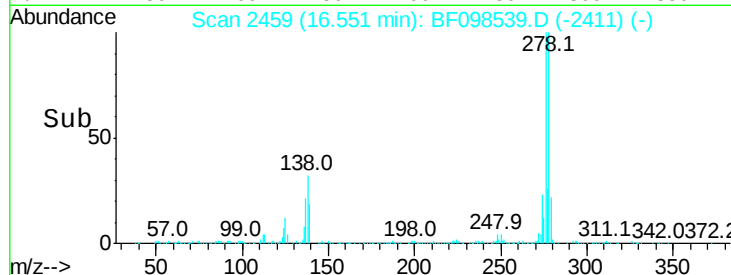
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.6	24.8
279	23.1	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 37.054 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF098539.D
Acq: 14 Sep 2017 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	24.6	25.4	38.0#

