

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114090.D
 Acq On : 2 May 2019 17:51
 Operator : JU/SJ
 Sample : K2652-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Manual Integrations
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Sohil
 5/3/2019 4:33:05 PM

Quant Time: May 03 04:16:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	75938	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	256707	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	139645	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	316818	20.00	ng	0.00
76) Chrysene-d12	14.06	240	234709	20.00	ng	-0.01
87) Perylene-d12	15.56	264	264535	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	706569	159.14	ng	0.00
7) Phenol-d6	6.53	99	906617	162.76	ng	0.00
23) Nitrobenzene-d5	7.45	82	487417	117.23	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	290955	171.03	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	975145	109.22	ng	-0.01
79) Terphenyl-d14	12.99	244	1242772	108.55	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	102526	48.987 ng	97
3) Pyridine	3.44	79	299990	52.512 ng	97
4) n-Nitrosodimethylamine	3.37	42	110080	56.291 ng	94
6) Aniline	6.55	93	218282	28.537 ng	99
8) 2-Chlorophenol	6.68	128	251631	49.641 ng	96
9) Benzaldehyde	6.43	77	46113	10.020 ng	94
10) Phenol	6.54	94	334805	50.264 ng	96
11) bis(2-Chloroethyl)ether	6.62	93	249046	49.686 ng	100
12) 1,3-Dichlorobenzene	6.83	146	274137	47.751 ng	99
13) 1,4-Dichlorobenzene	6.90	146	282750	48.966 ng	97
14) 1,2-Dichlorobenzene	7.06	146	271048	51.076 ng	99
15) Benzyl Alcohol	7.03	79	225834	60.196 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	267336	45.689 ng	96
17) 2-Methylphenol	7.15	107	201616	45.375 ng	98
18) Hexachloroethane	7.40	117	87850	43.400 ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	173381	48.064 ng	98
20) 3+4-Methylphenols	7.29	107	260217	51.834 ng	# 69
22) Acetophenone	7.30	105	346000	60.568 ng	# 95
24) Nitrobenzene	7.47	77	250216	54.466 ng	98
25) Isophorone	7.71	82	441724	51.924 ng	100
26) 2-Nitrophenol	7.79	139	122932	58.657 ng	98
27) 2,4-Dimethylphenol	7.82	122	199966	58.562 ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	279678	51.592 ng	99
29) 2,4-Dichlorophenol	8.03	162	213027	54.556 ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	229947	52.815 ng	99
31) Naphthalene	8.19	128	665881	54.603 ng	100
32) Benzoic acid	7.89	122	8141	3.530 ng	87
33) 4-Chloroaniline	8.24	127	113191	21.936 ng	94
34) Hexachlorobutadiene	8.31	225	135330	49.862 ng	99
35) Caprolactam	8.60	113	63039m	50.751 ng	
36) 4-Chloro-3-methylphenol	8.73	107	206063	53.267 ng	98
37) 2-Methylnaphthalene	8.89	142	452553	55.031 ng	99
38) 1-Methylnaphthalene	8.99	142	427723	53.889 ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	235021	51.811 ng	99

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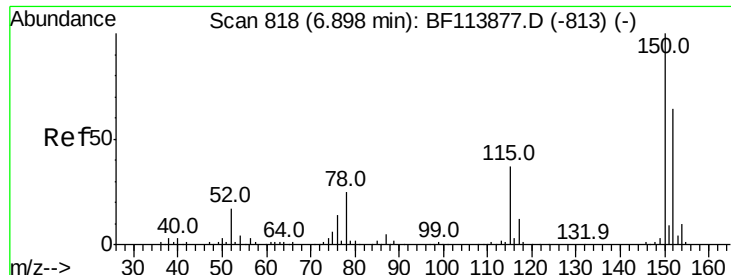
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	131227	51.878	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	159254	55.289	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	169535	52.474	nq	97
46) 1,1'-Biphenyl	9.35	154	565242	52.986	nq	98
47) 2-Chloronaphthalene	9.37	162	456263	52.594	nq	98
48) 2-Nitroaniline	9.46	65	129857	57.100	nq	98
49) Acenaphthylene	9.79	152	709674	52.254	nq	97
50) Dimethylphthalate	9.65	163	638584	63.230	nq	99
51) 2,6-Dinitrotoluene	9.70	165	122922	56.733	nq	92
52) Acenaphthene	9.96	154	418562	52.149	nq	97
53) 3-Nitroaniline	9.87	138	88091	38.691	nq	95
54) 2,4-Dinitrophenol	9.99	184	13281	21.013	nq	# 2
55) Dibenzofuran	10.13	168	733821	61.035	nq	99
56) 4-Nitrophenol	10.05	139	203750	113.024	nq	99
57) 2,4-Dinitrotoluene	10.11	165	195060	71.324	nq	99
58) Fluorene	10.47	166	528379	58.373	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	156681	55.185	nq	99
60) Diethylphthalate	10.35	149	574775	59.931	nq	100
61) 4-Chlorophenyl-phenylether	10.46	204	277897	57.971	nq	96
62) 4-Nitroaniline	10.49	138	129847	58.441	nq	99
63) Azobenzene	10.63	77	521174	56.070	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	35033	27.760	nq	97
66) n-Nitrosodiphenylamine	10.58	169	504640	53.085	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	174988	45.721	nq	92
68) Hexachlorobenzene	11.03	284	202475	48.142	nq	99
69) Atrazine	11.11	200	166552	53.858	nq	99
70) Pentachlorophenol	11.22	266	176096	73.950	nq	98
71) Phenanthrene	11.44	178	785222	49.317	nq	99
72) Anthracene	11.49	178	833938	51.867	nq	98
73) Carbazole	11.64	167	774707	54.008	nq	99
74) Di-n-butylphthalate	11.97	149	901142	53.405	nq	99
75) Fluoranthene	12.63	202	898609	51.730	nq	96
77) Benzidine	12.74	184	273141	39.058	nq	97
78) Pyrene	12.86	202	881600	53.712	nq	99
80) Butylbenzylphthalate	13.46	149	377537	58.462	nq	98
81) Benzo(a)anthracene	14.05	228	756596	54.712	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	208994	41.233	nq	99
83) Chrysene	14.09	228	718473	53.347	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	532122	64.763	nq	100
85) Di-n-octyl phthalate	14.66	149	823073	63.999	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	800510	62.750	nq	98
88) Benzo(b)fluoranthene	15.13	252	744330	44.472	nq	100
89) Benzo(k)fluoranthene	15.16	252	830146	57.662	nq	98
90) Benzo(a)pyrene	15.50	252	782505	54.053	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	668595	49.199	nq	100
92) Benzo(g,h,i)perylene	17.52	276	654513	47.726	nq	99

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



#1

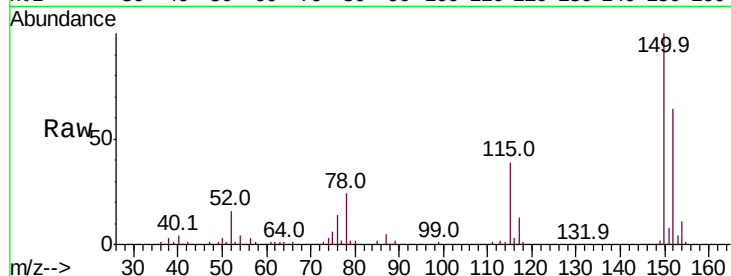
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.9	188.9
115	60.2	45.9	68.9

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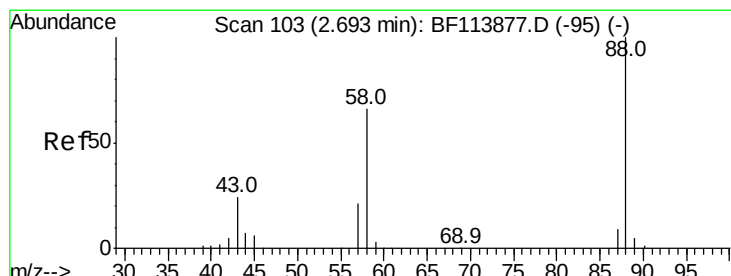
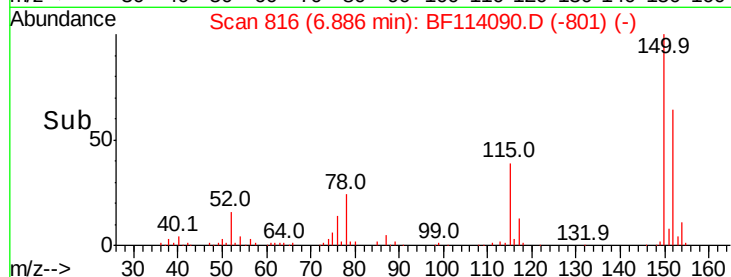
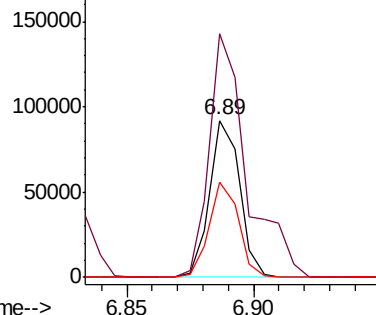


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

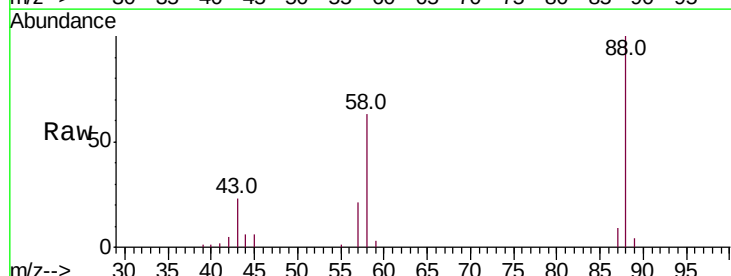
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.987 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.03 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	53.3	79.9
43	24.0	19.0	28.4

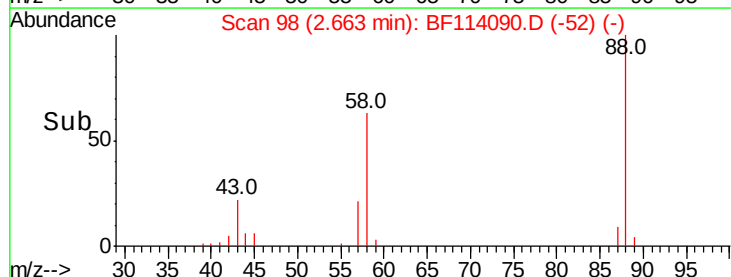
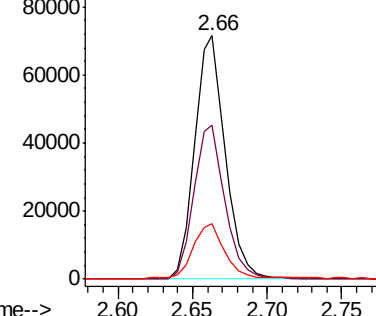


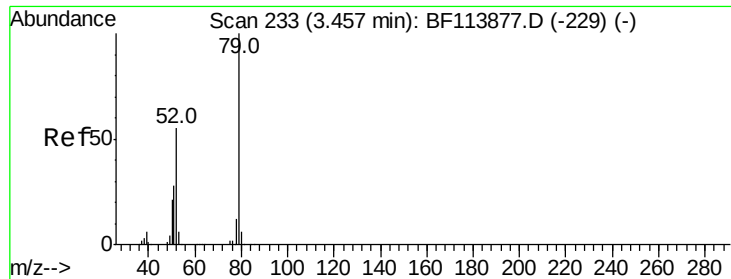
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 52.512 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.02 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

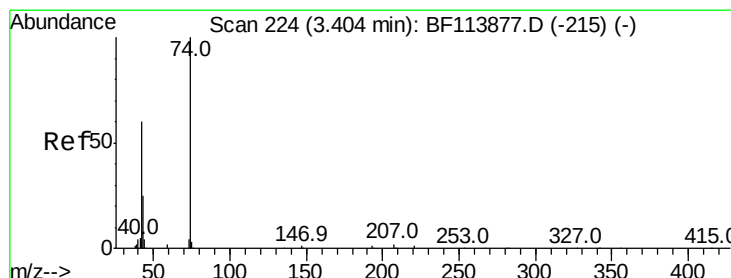
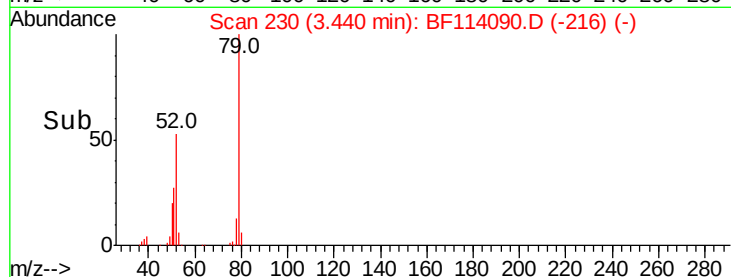
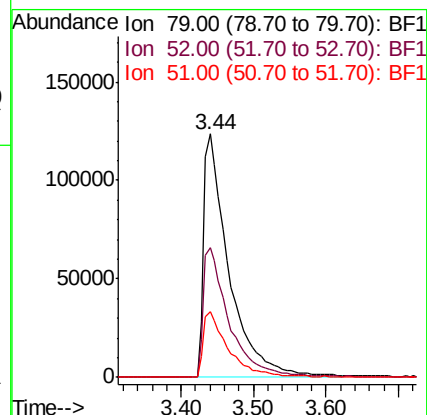
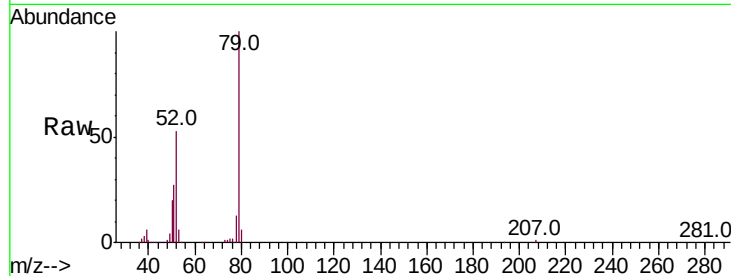
ClientSampleId :

DRUM-1-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		299990		
52	53.3	45.3	67.9		
51	27.1	22.1	33.1		

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#4

n-Nitrosodimethylamine

Concen: 56.291 ng

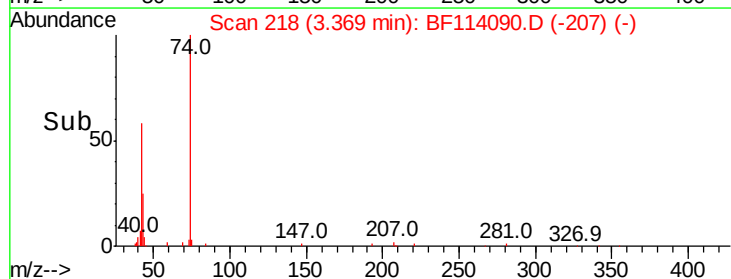
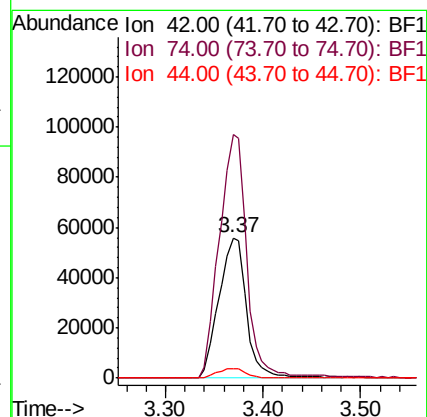
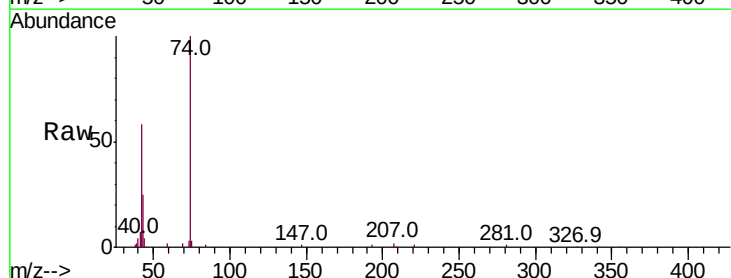
RT: 3.37 min Scan# 218

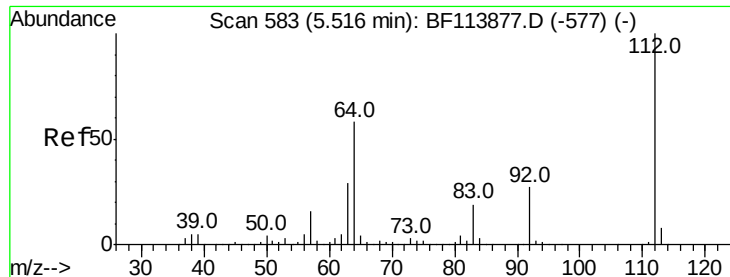
Delta R.T. -0.04 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		110080		
74	173.9	132.6	198.8		
44	6.9	5.8	8.8		





#5

2-Fluorophenol

Concen: 159.141 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

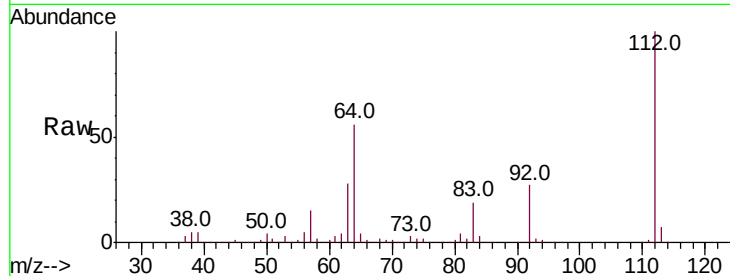
ClientSampleId :

DRUM-1-4MSD

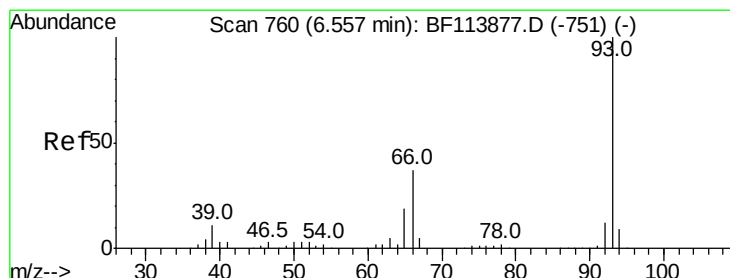
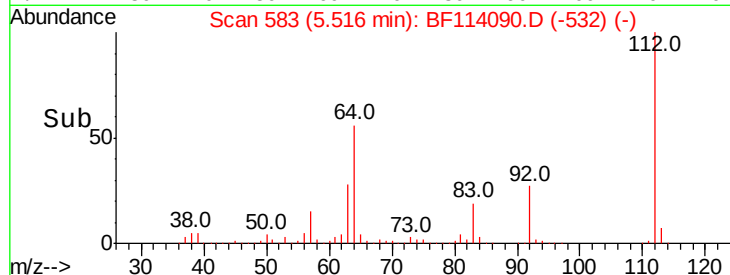
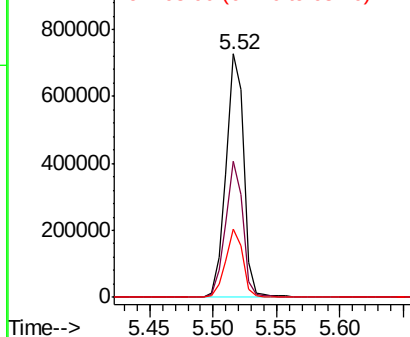
Tot Ion:	112	Resp:	706569
Ion Ratio	Lower	Upper	
112	100		
64	55.8	46.6	69.8
63	27.9	23.1	34.7

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.537 ng

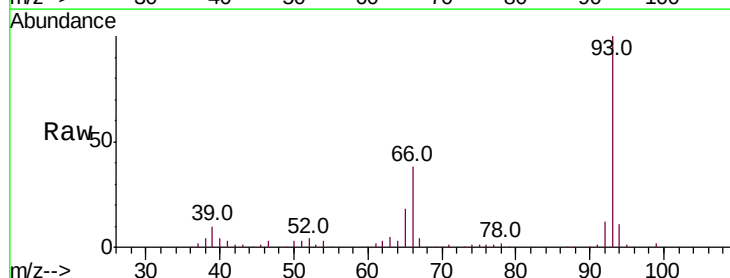
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

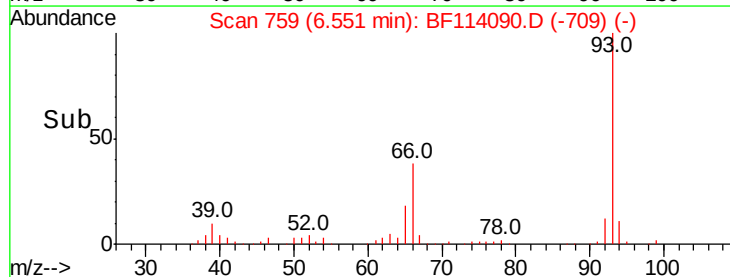
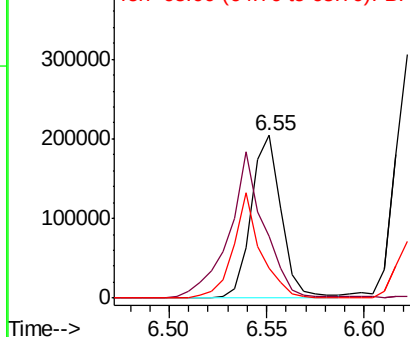
Lab File: BF114090.D

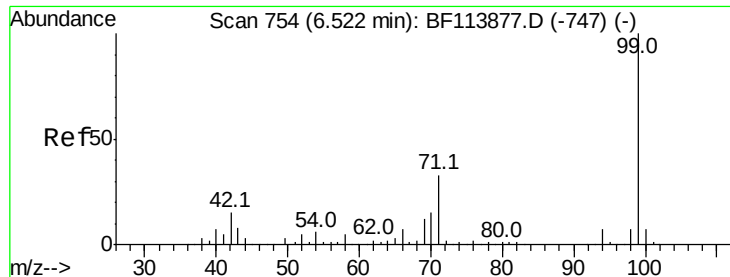
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Tgt Ion:	93	Resp:	218282
Ion Ratio	Lower	Upper	
93	100		
66	38.1	29.8	44.6
65	18.3	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 162.757 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

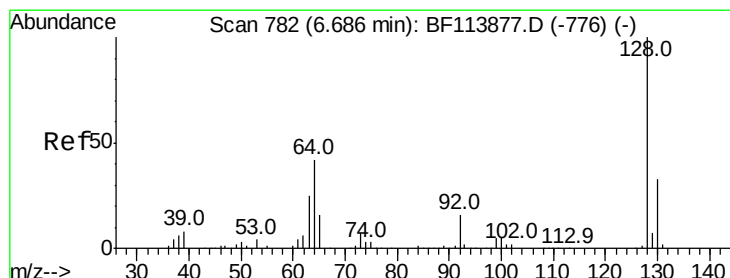
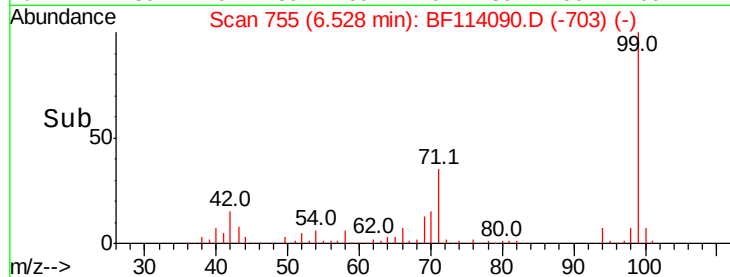
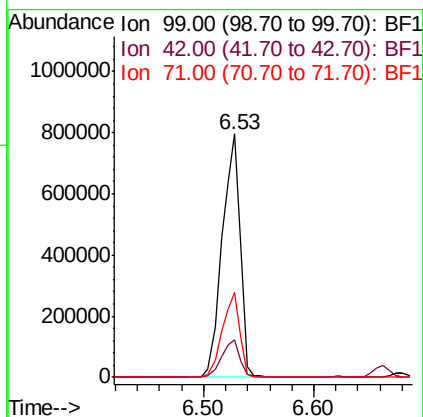
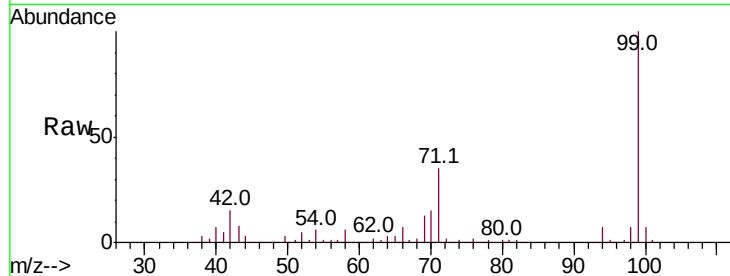
ClientSampleId :

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Tot Ion:	99	Resp:	906617
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.5	18.7
71	34.7	26.9	40.3

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#8

2-Chlorophenol

Concen: 49.641 ng

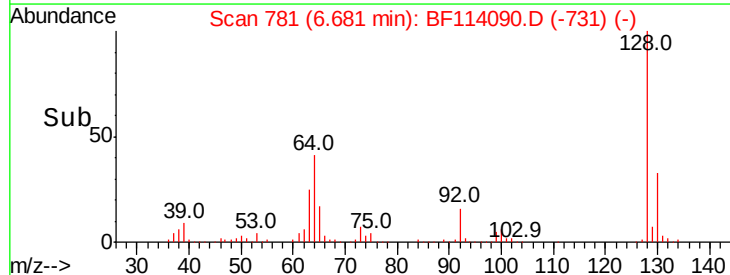
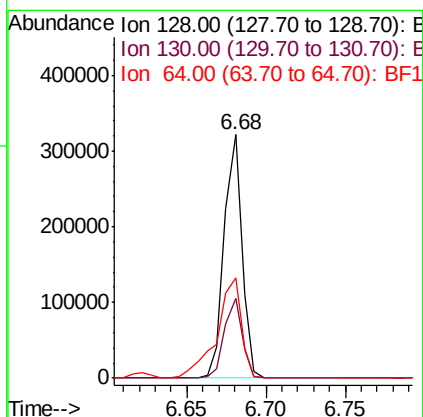
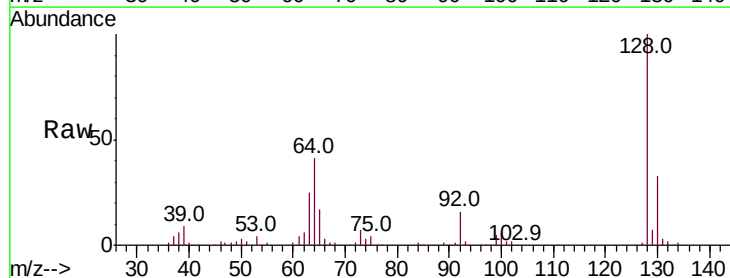
RT: 6.68 min Scan# 781

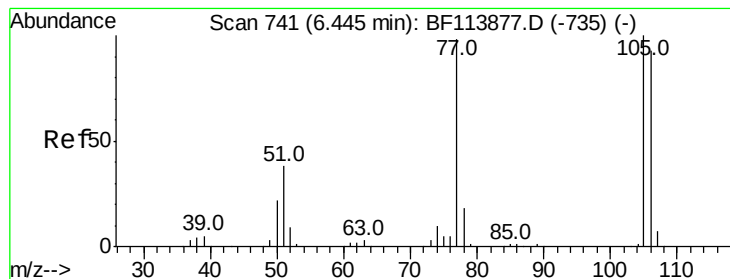
Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion:	128	Resp:	251631
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.3	52.3
64	41.4	26.1	66.1





#9

Benzaldehyde

Concen: 10.020 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

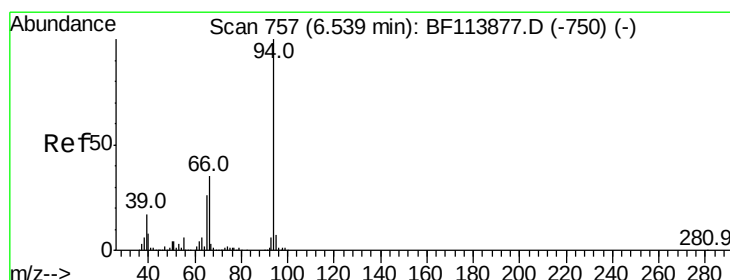
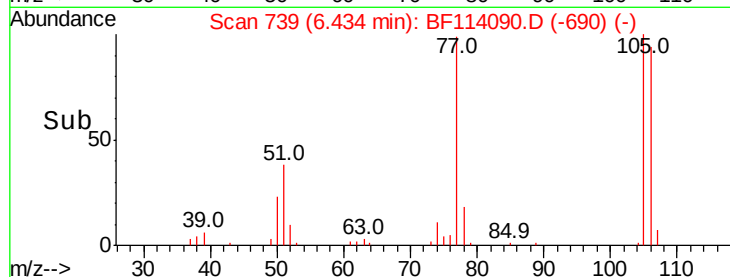
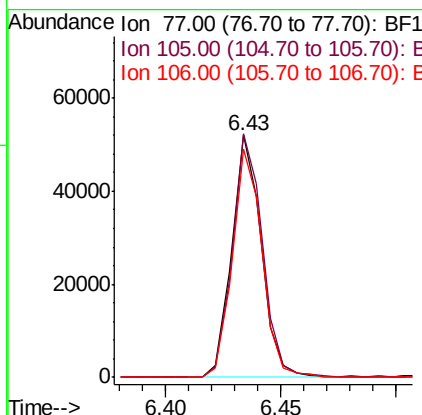
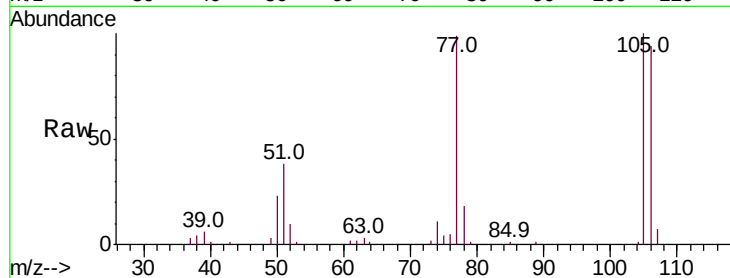
ClientSampleId :

DRUM-1-4MSD

Tot Ion:	77	Resp:	46113
Ion Ratio	Lower	Upper	
77	100		
105	100.7	74.1	114.1
106	94.3	70.3	110.3

Manual Integrations
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#10

Phenol

Concen: 50.264 ng

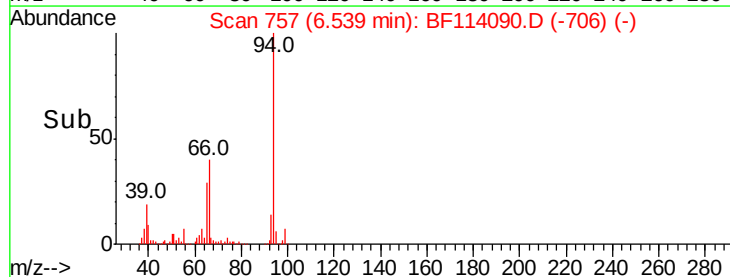
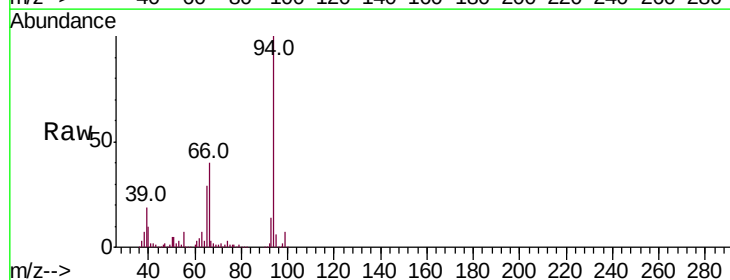
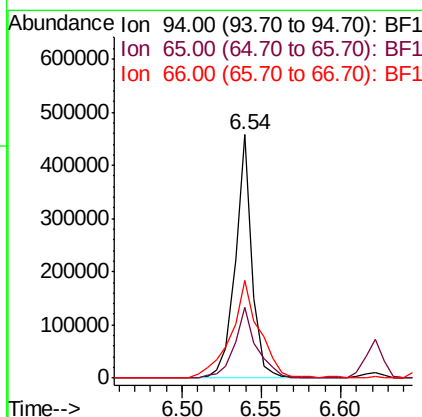
RT: 6.54 min Scan# 757

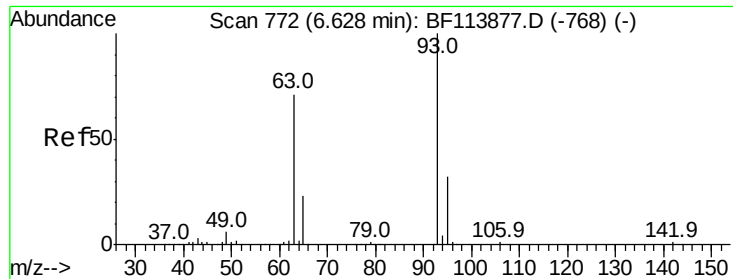
Delta R.T. 0.00 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion:	94	Resp:	334805
Ion Ratio	Lower	Upper	
94	100		
65	28.9	8.1	48.1
66	40.1	16.6	56.6





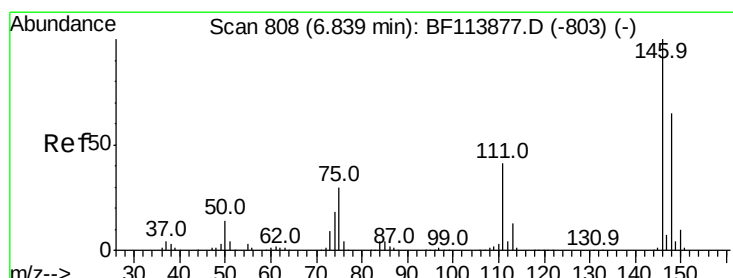
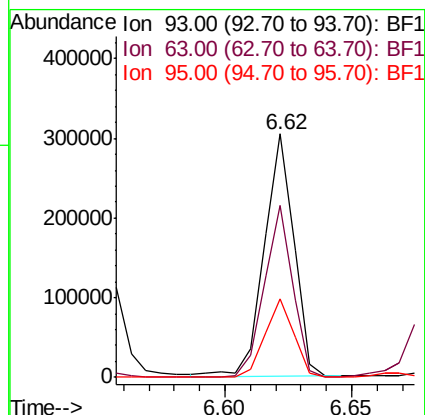
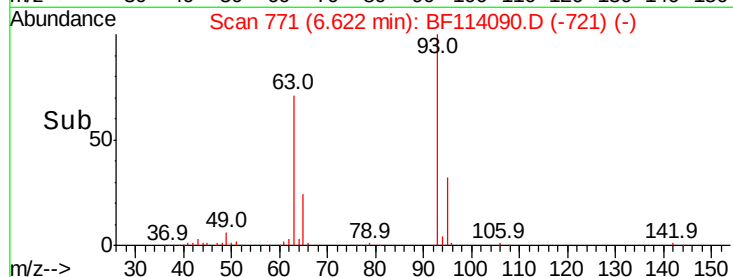
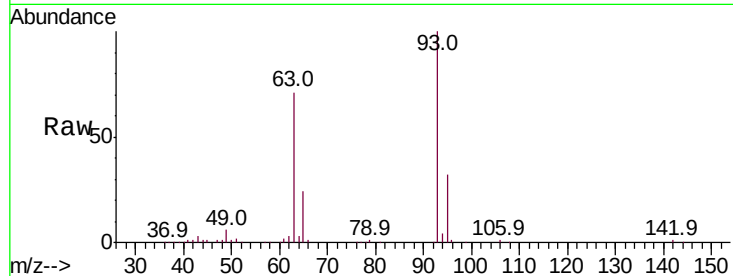
#11
bis(2-Chloroethyl)ether
Concen: 49.686 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.7	90.7
95	32.1	12.3	52.3

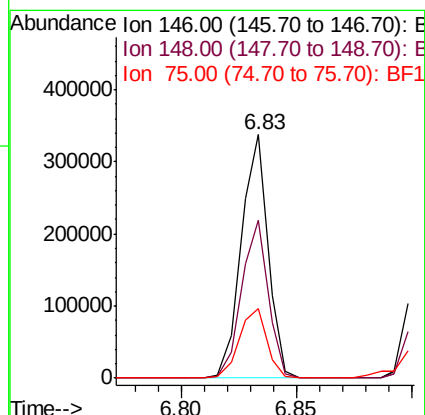
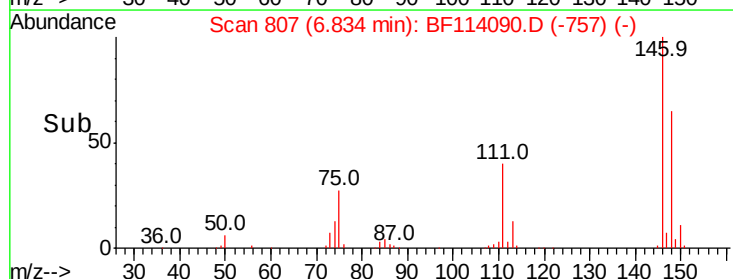
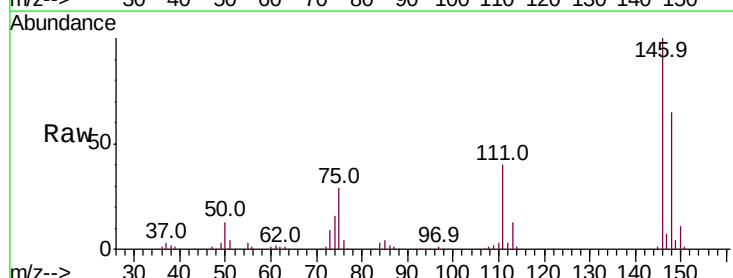
Manual Integrations
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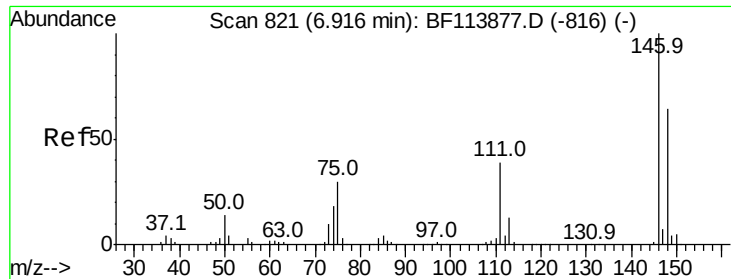
Sohil
5/3/2019 4:33:05 PM



#12
1,3-Dichlorobenzene
Concen: 47.751 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
75	28.8	23.8	35.8





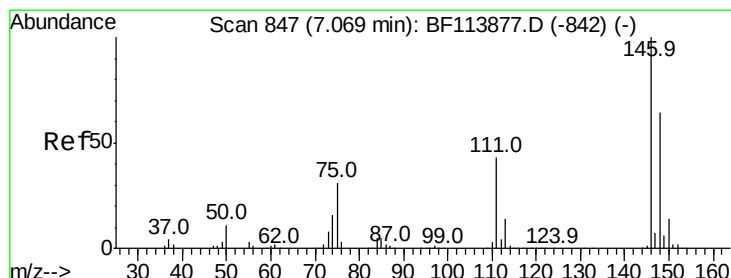
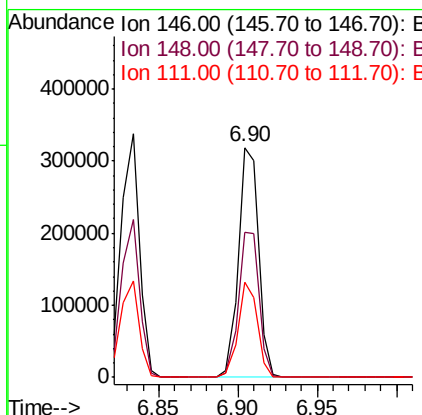
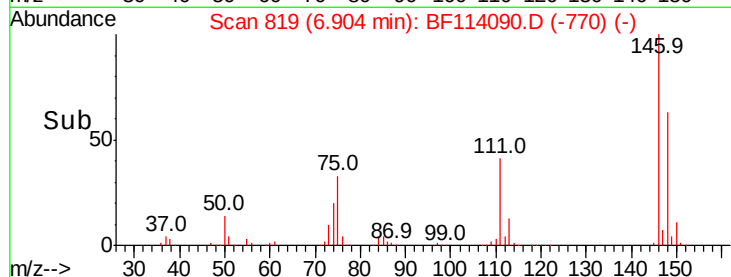
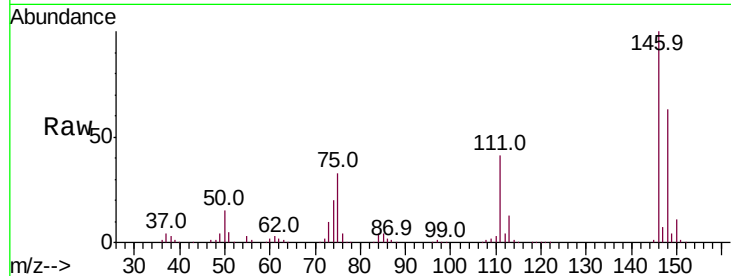
#13
 1,4-Dichlorobenzene
 Concen: 48.966 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
111	41.4	30.9	46.3

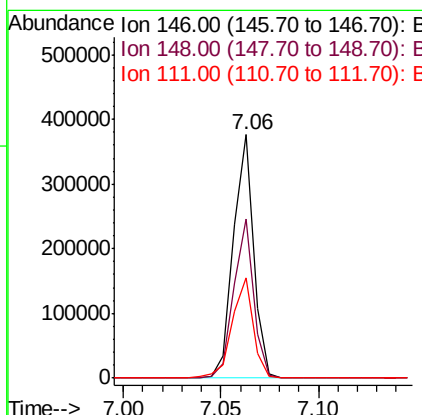
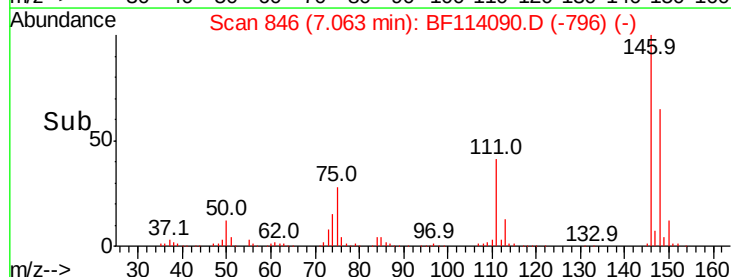
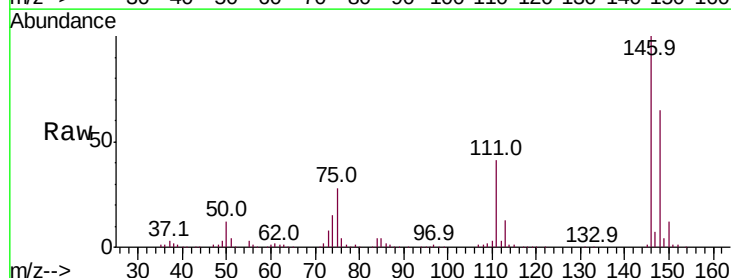
Manual Integrations
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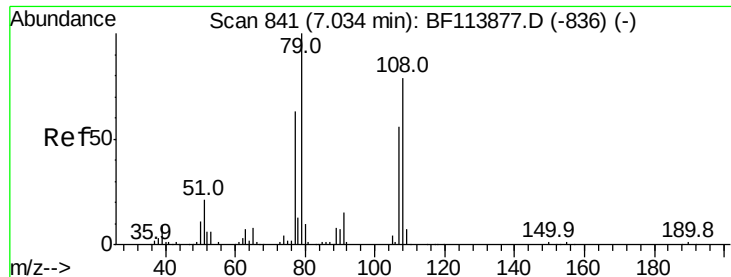
Sohil
 5/3/2019 4:33:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 51.076 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
111	41.0	34.2	51.4





#15

Benzyl Alcohol

Concen: 60.196 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

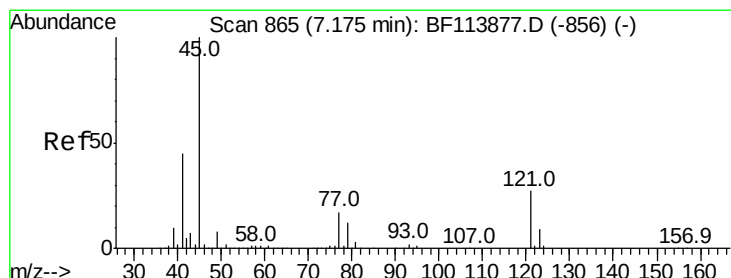
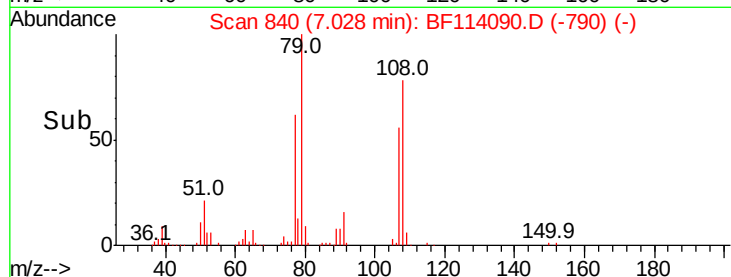
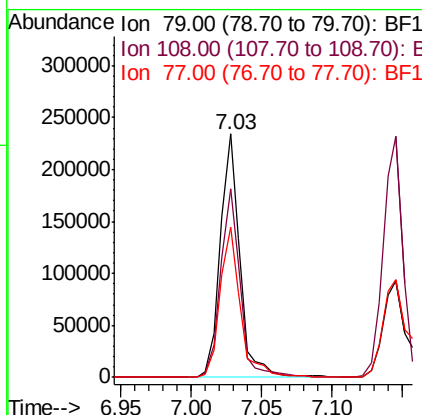
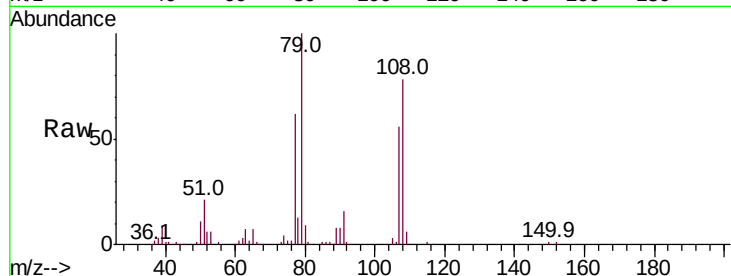
ClientSampleId :

DRUM-1-4MSD

Tot Ion:	79	Resp:	225834
Ion Ratio	Lower	Upper	
79	100		
108	77.6	61.4	92.0
77	61.9	51.6	77.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.689 ng

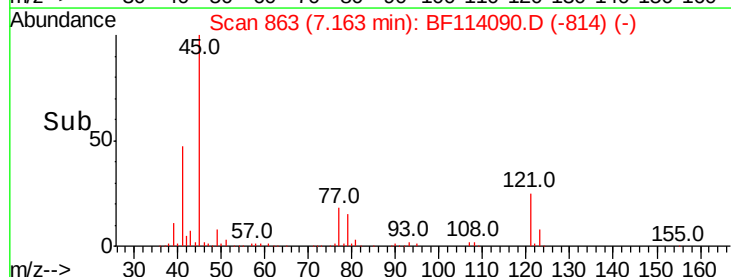
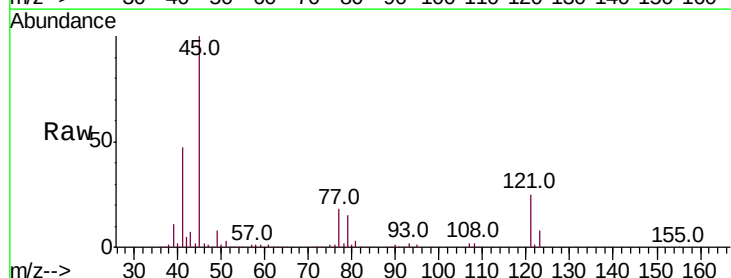
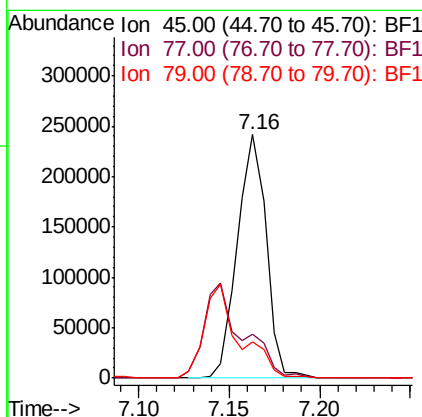
RT: 7.16 min Scan# 863

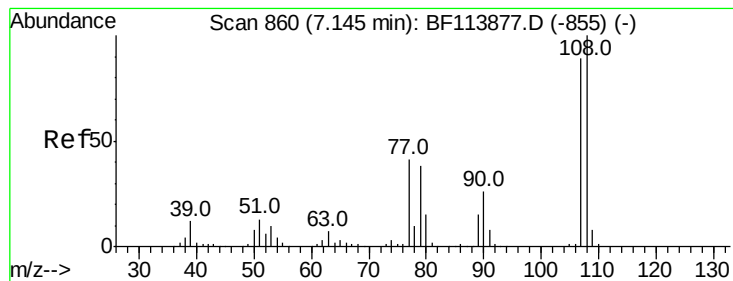
Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion:	45	Resp:	267336
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	37.0
79	14.6	0.0	32.7





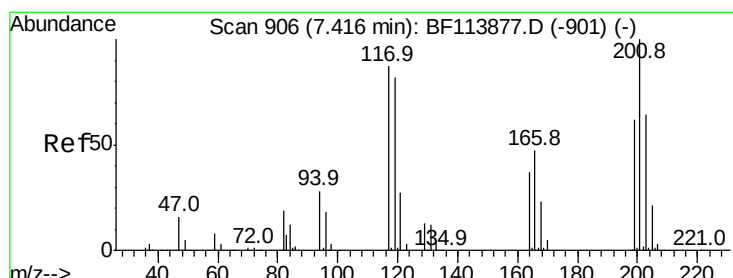
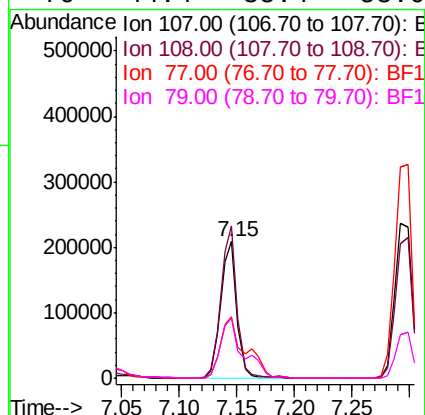
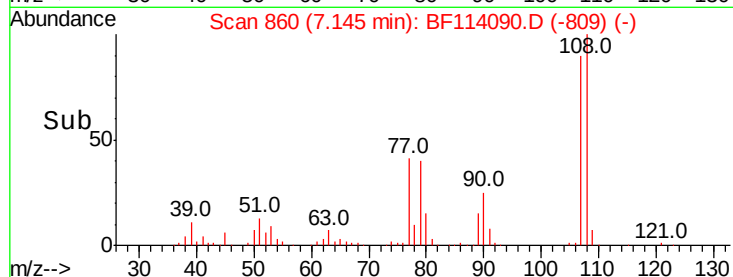
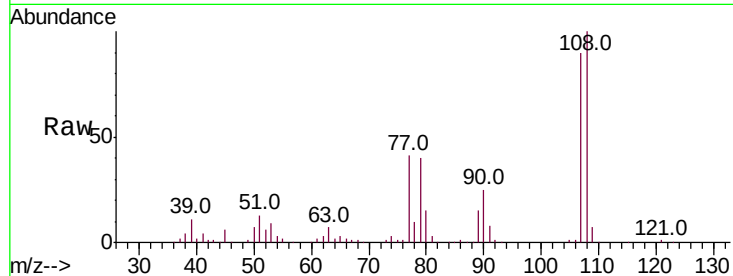
#17
2-Methylphenol
Concen: 45.375 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.5	137.3	
77	45.3	36.2	54.4	
79	44.4	35.4	53.0	

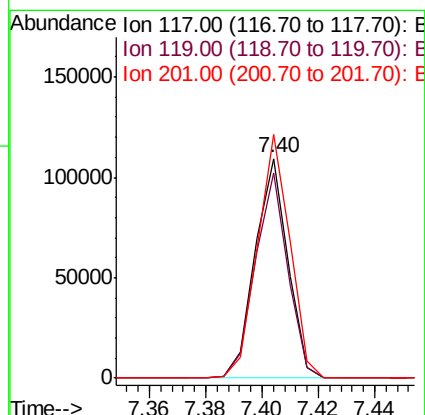
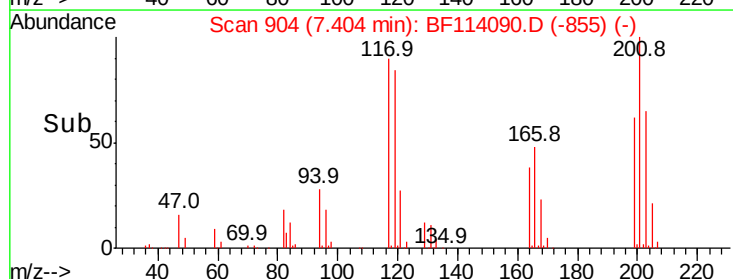
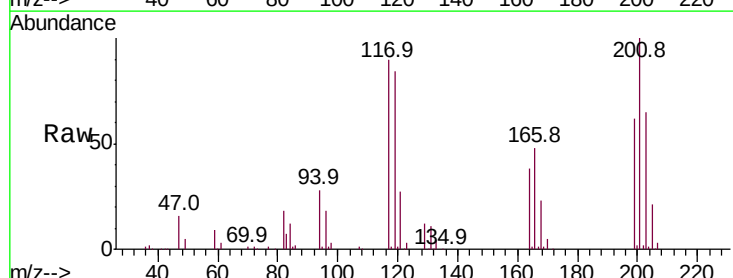
Manual Integrations
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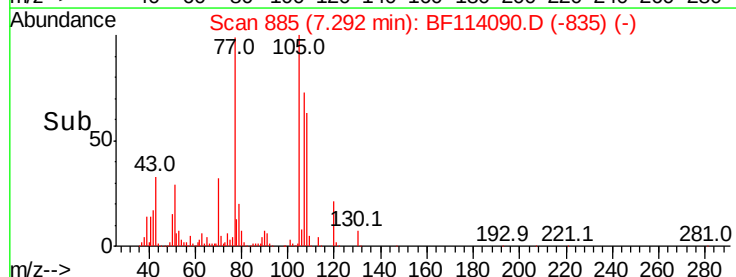
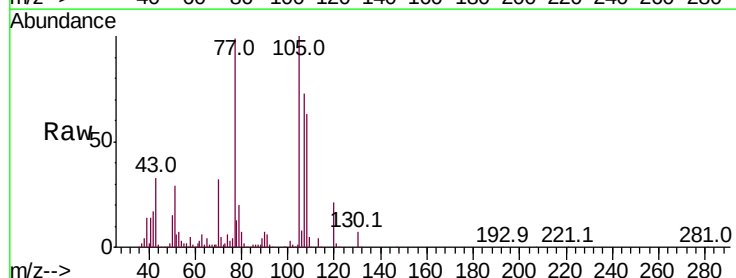
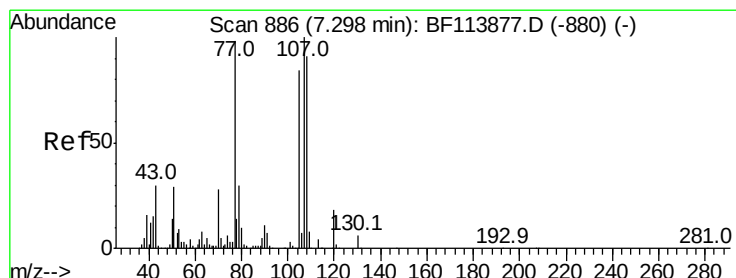
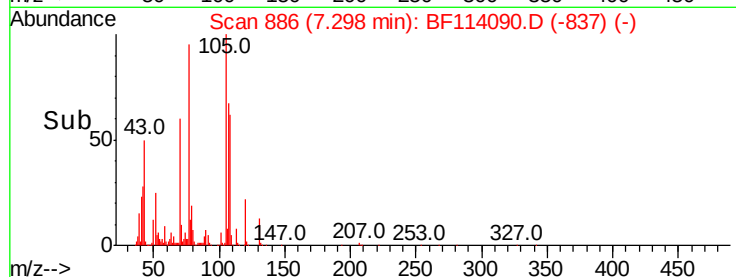
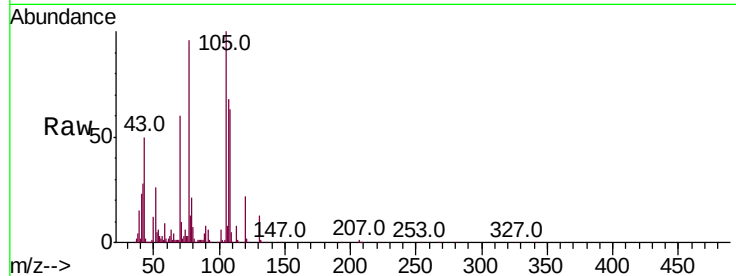
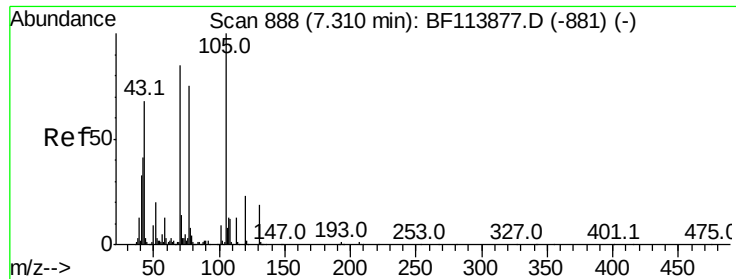
Sohil
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#18
Hexachloroethane
Concen: 43.400 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	74.4	111.6	
201	110.9	90.2	135.2	





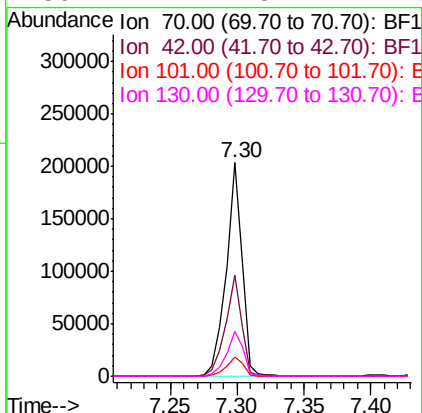
#19
n-Nitroso-di-n-propylamine
Concen: 48.064 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	37.3	55.9
101	9.2	7.8	11.8
130	21.1	18.2	27.2

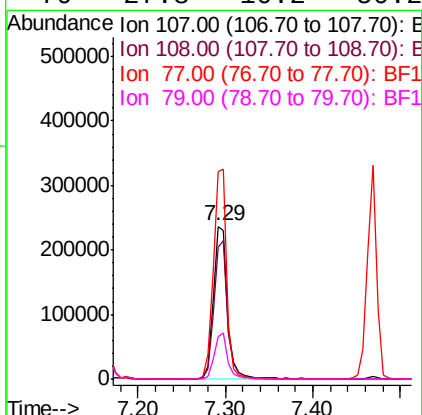
Manual Integrations
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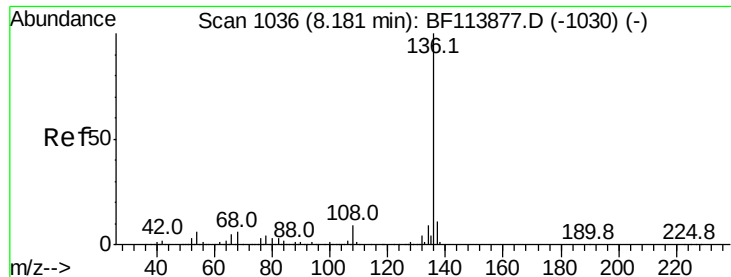
Sohil
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#20
3+4-Methylphenols
Concen: 51.834 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.1	110.1
77	136.1	52.9	92.9#
79	27.8	10.2	50.2





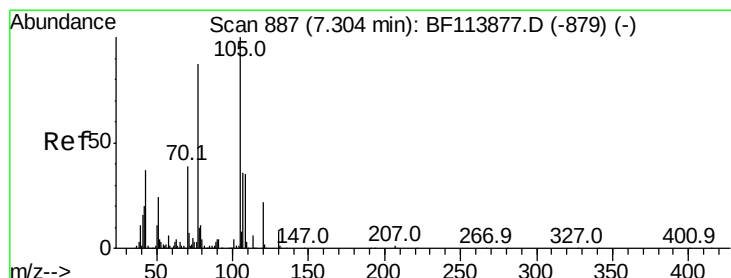
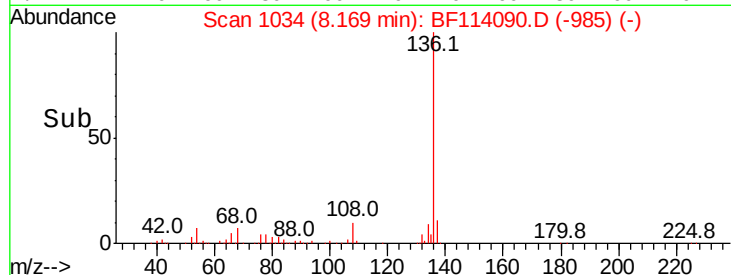
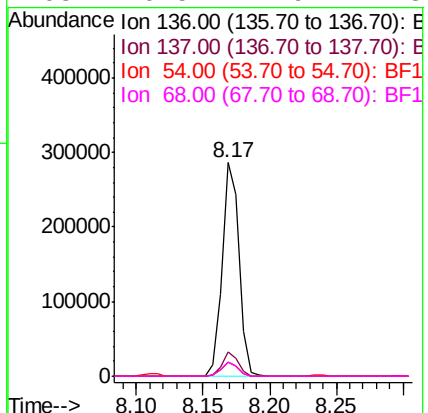
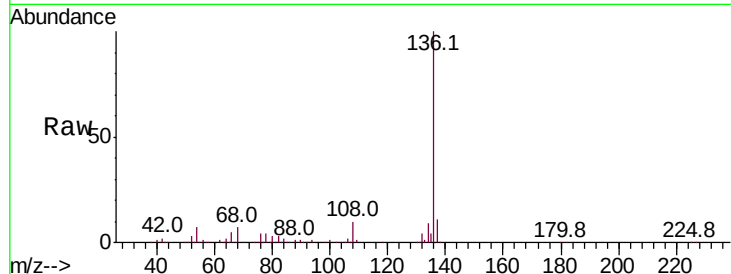
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	256707		
137	11.2	8.6	12.8	
54	6.8	5.0	7.6	
68	6.5	4.9	7.3	

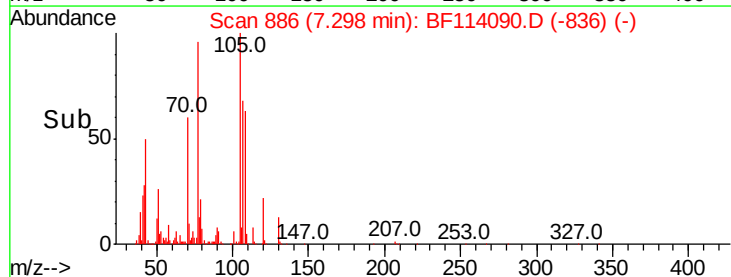
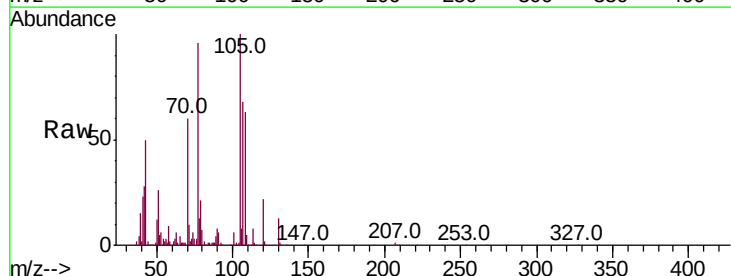
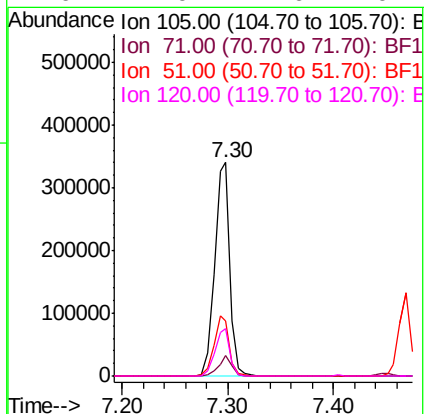
Manual Integrations
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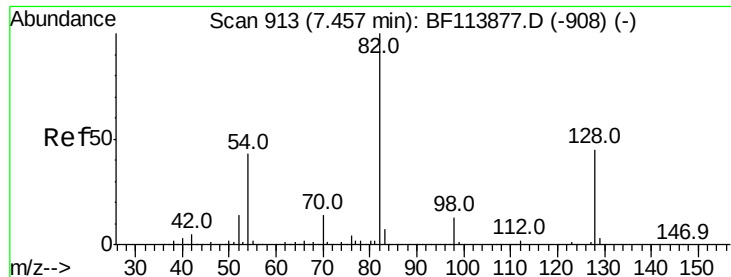
Sohil
5/3/2019 4:33:05 PM



#22
Acetophenone
Concen: 60.568 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	346000		
71	9.9	6.1	9.1#	
51	25.7	16.8	25.2#	
120	22.0	17.6	26.4	





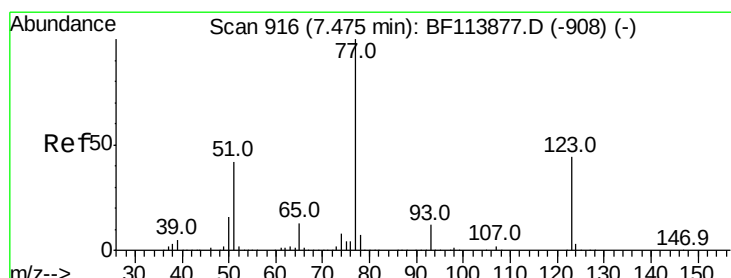
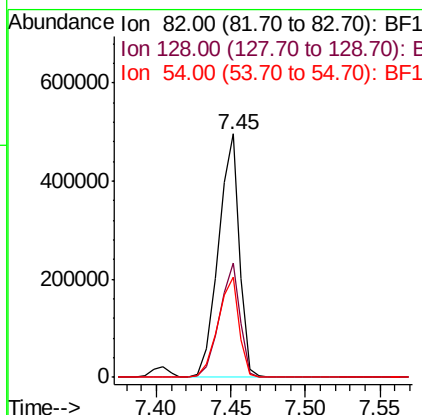
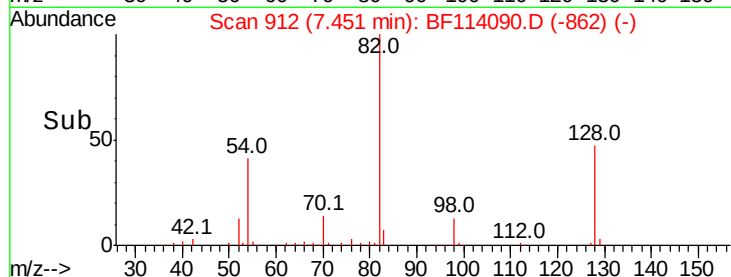
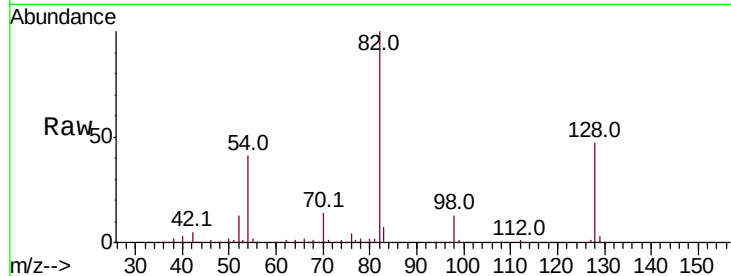
#23
 Nitrobenzene-d5
 Concen: 117.235 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.8	55.2
54	41.3	33.8	50.6

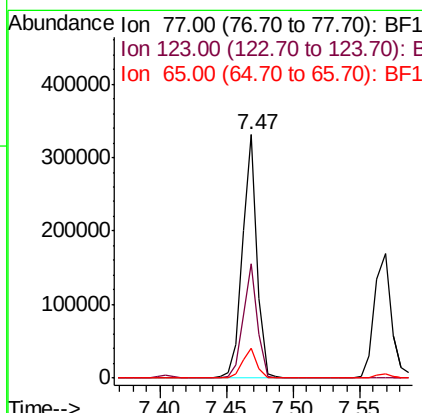
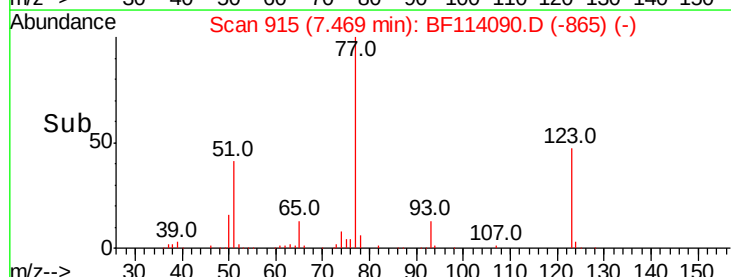
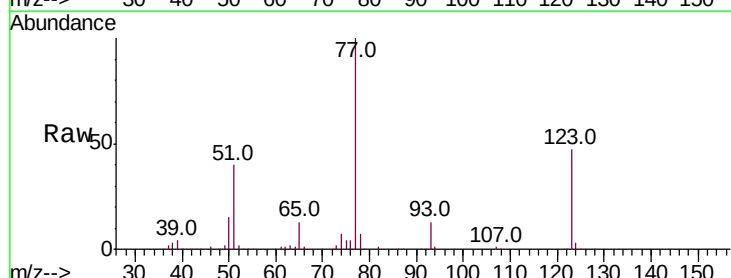
Manual Integrations
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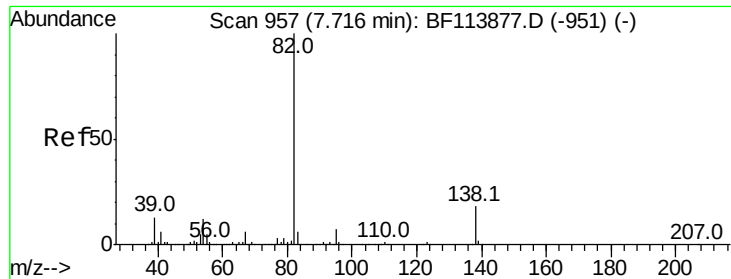
Sohil
 5/3/2019 4:33:05 PM



#24
 Nitrobenzene
 Concen: 54.466 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	36.3	54.5
65	12.5	10.3	15.5





#25

Isophorone

Concen: 51.924 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

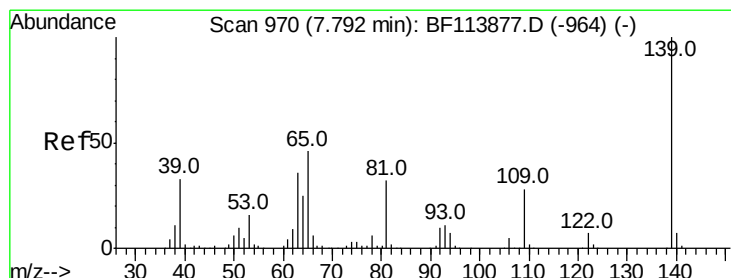
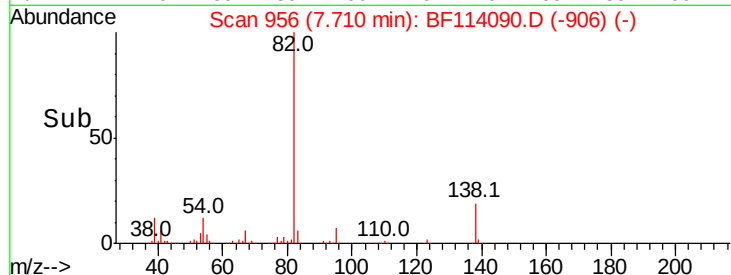
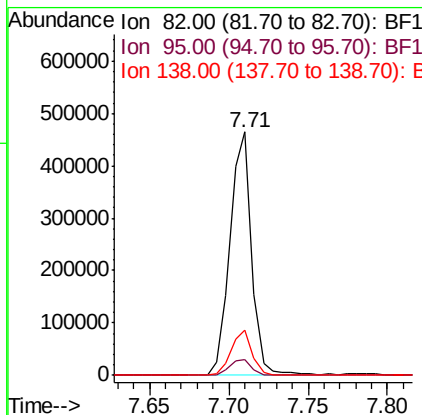
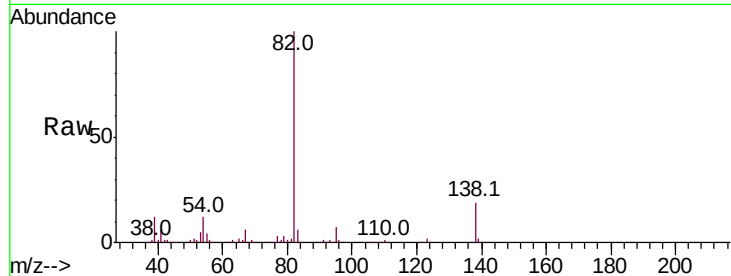
ClientSampleId :

DRUM-1-4MSD

Tot Ion:	82	Resp:	441724
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 58.657 ng

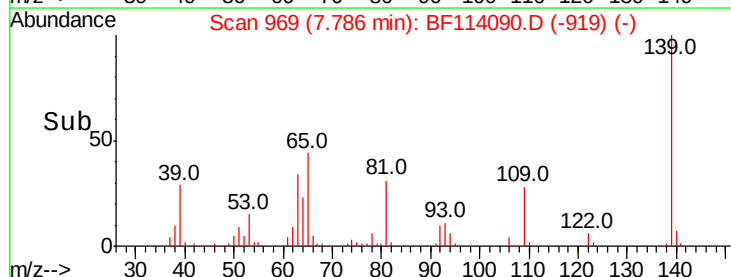
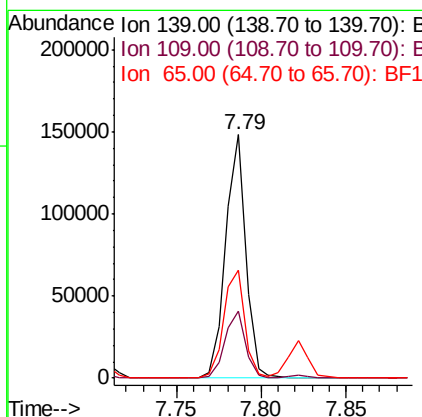
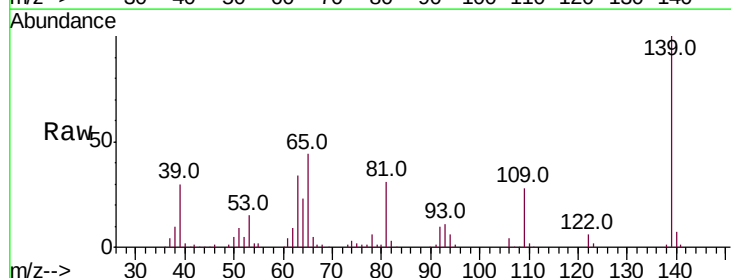
RT: 7.79 min Scan# 969

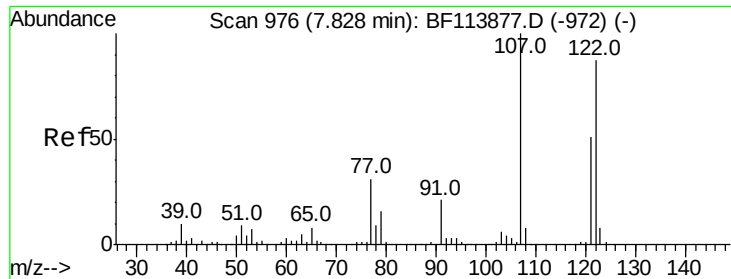
Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion:	139	Resp:	122932
Ion Ratio	Lower	Upper	
139	100		
109	27.6	20.6	31.0
65	44.5	34.6	52.0





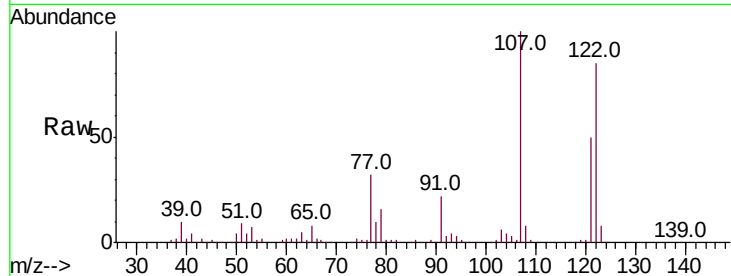
#27
2,4-Dimethylphenol
Concen: 58.562 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

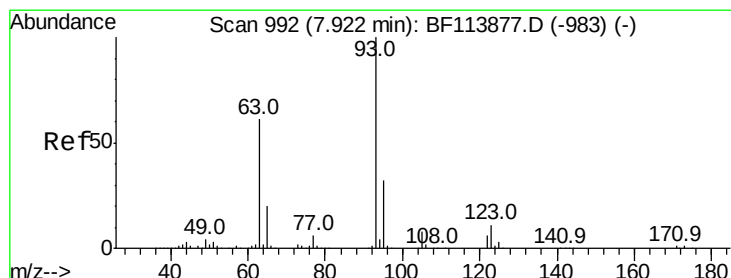
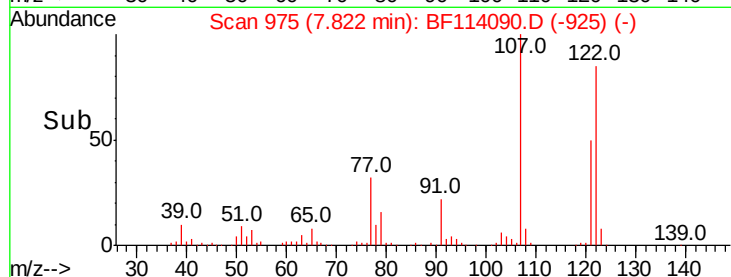
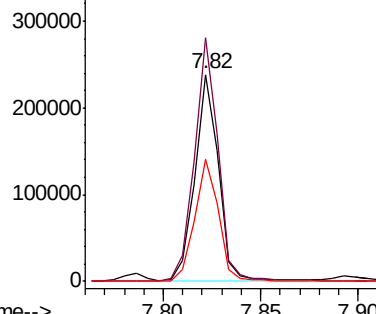
Tot Ion	Ratio	Resp	Lower	Upper
122	100	199966		
107	117.6	91.2	136.8	
121	58.8	46.4	69.6	

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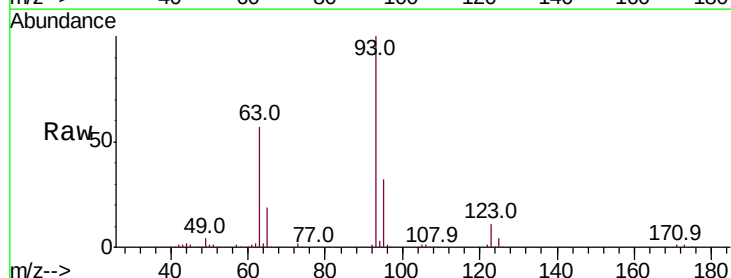


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

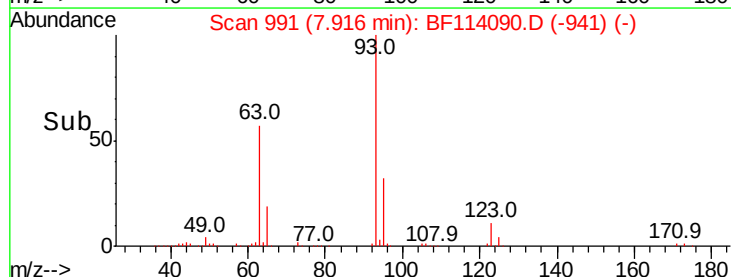
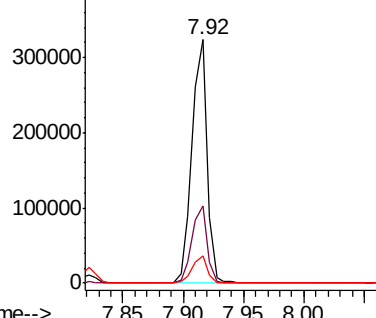


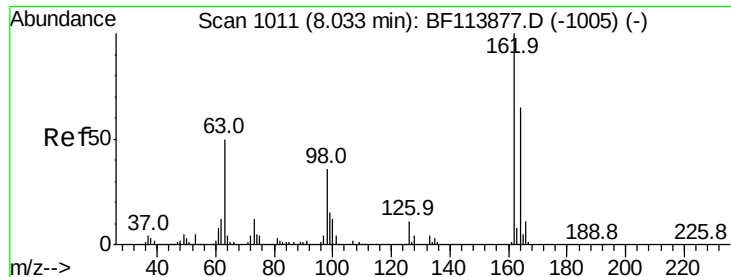
#28
bis(2-Chloroethoxy)methane
Concen: 51.592 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279678		
95	31.9	25.8	38.6	
123	11.0	9.0	13.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





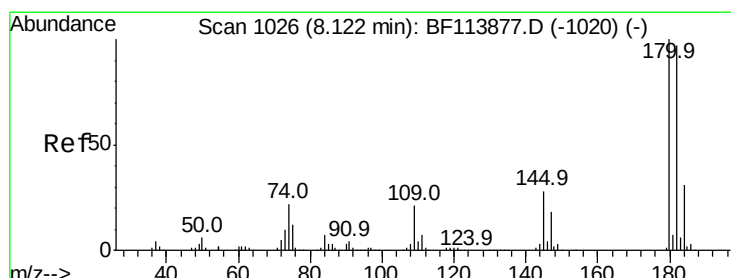
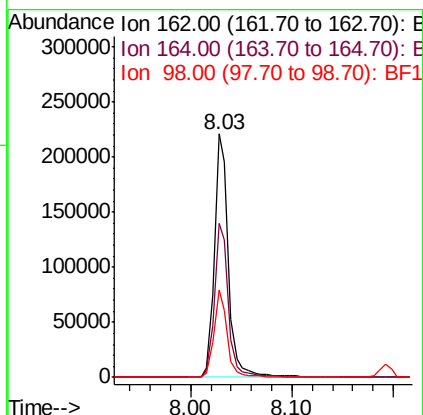
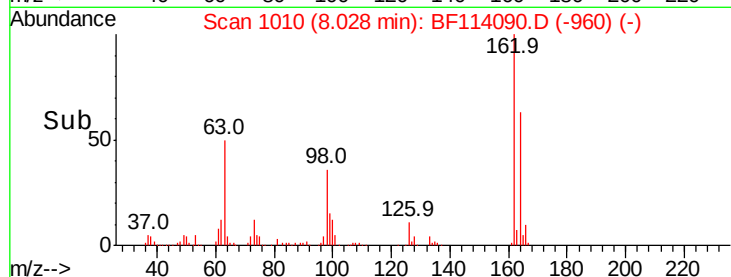
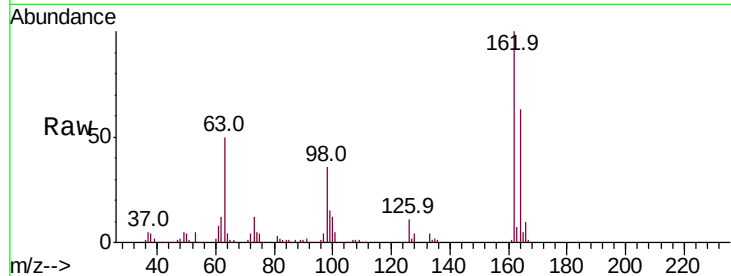
#29
2,4-Dichlorophenol
Concen: 54.556 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	213027		
164	63.3	43.7	83.7	
98	36.0	15.5	55.5	

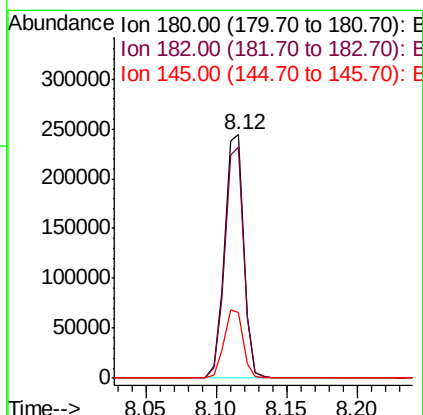
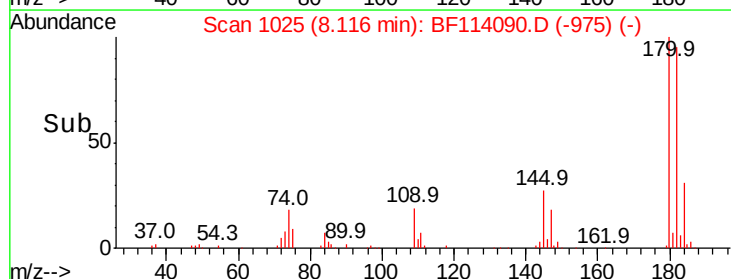
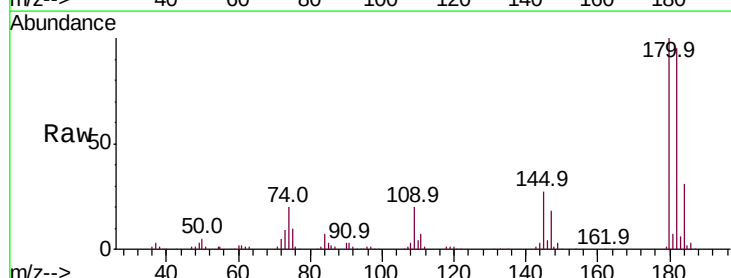
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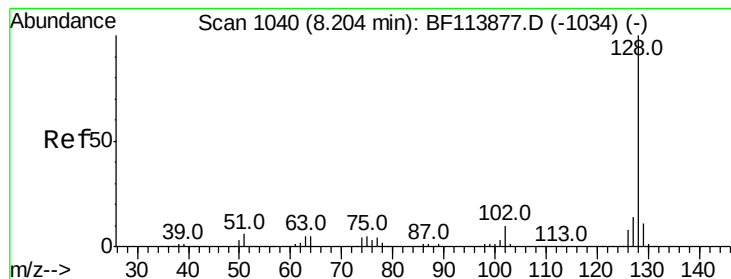
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#30
1,2,4-Trichlorobenzene
Concen: 52.815 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229947		
182	94.8	75.4	113.0	
145	27.2	23.0	34.4	





#31

Naphthalene

Concen: 54.603 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

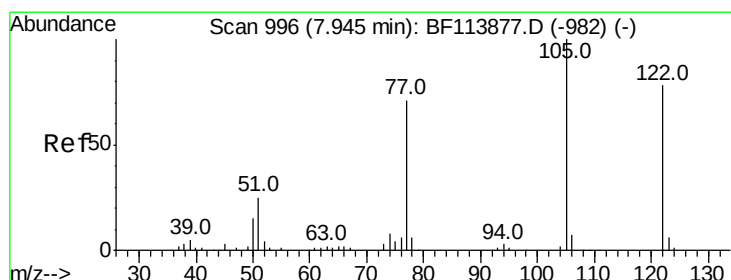
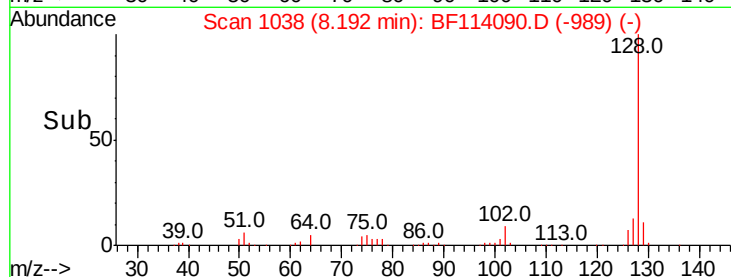
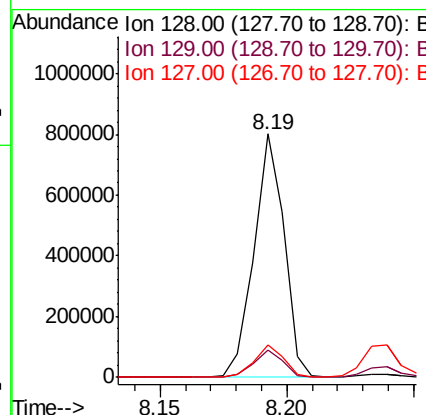
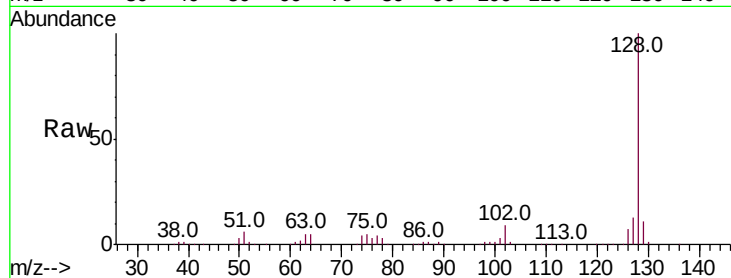
ClientSampleId :

DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.5	10.8	16.2

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#32

Benzoic acid

Concen: 3.530 ng

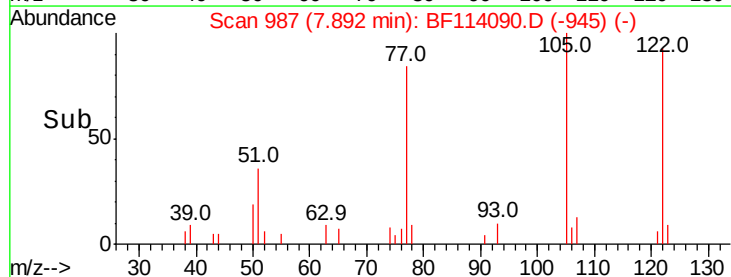
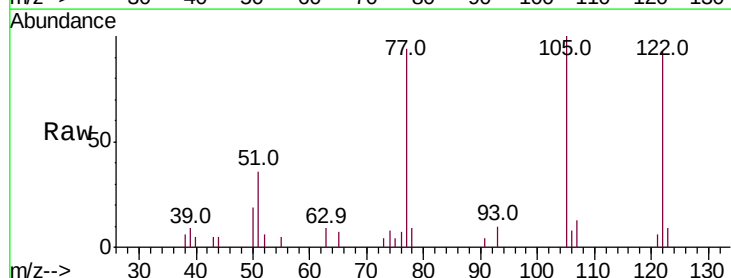
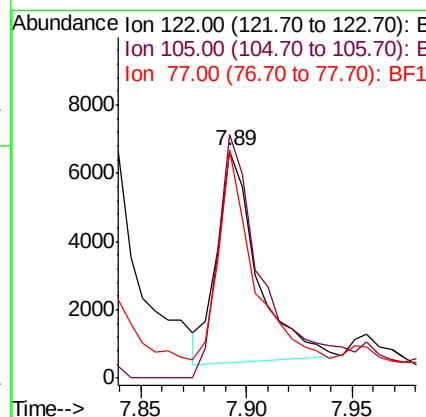
RT: 7.89 min Scan# 987

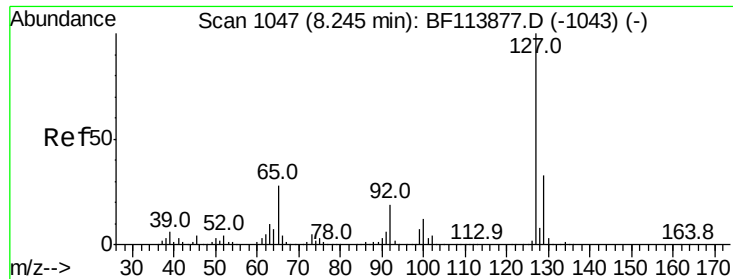
Delta R.T. -0.05 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.1	104.3	144.3
77	100.6	70.4	110.4





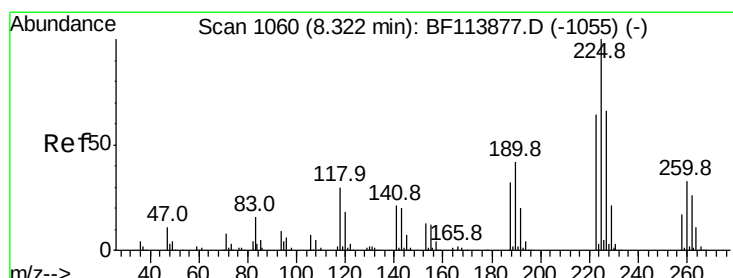
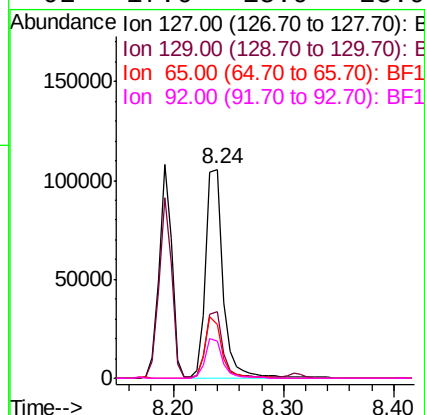
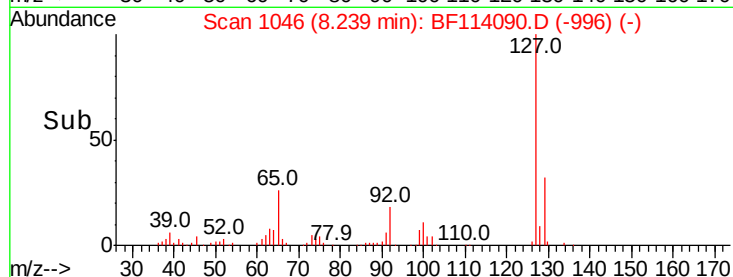
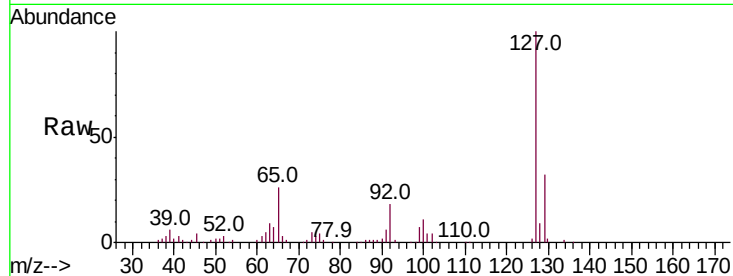
#33
4-Chloroaniline
Concen: 21.936 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.4	39.6		
65	25.8	24.9	37.3		
92	17.6	15.9	23.9		

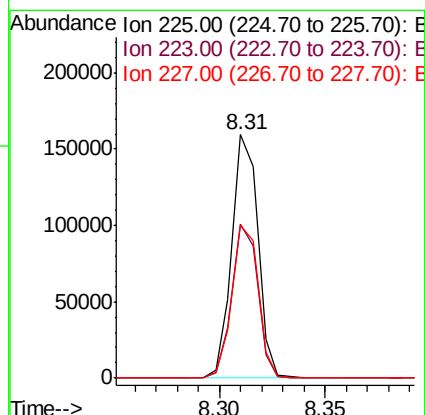
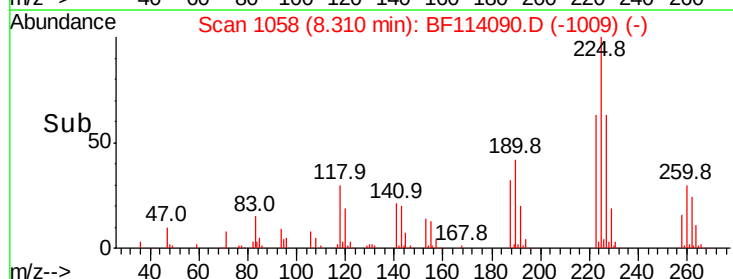
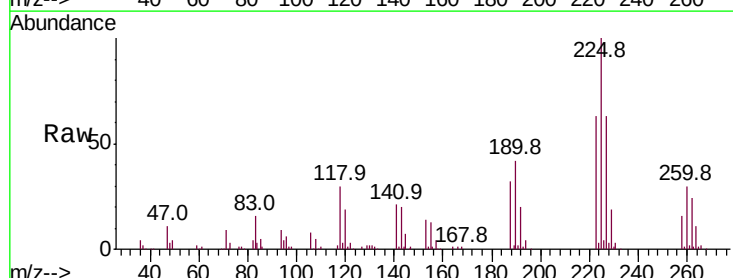
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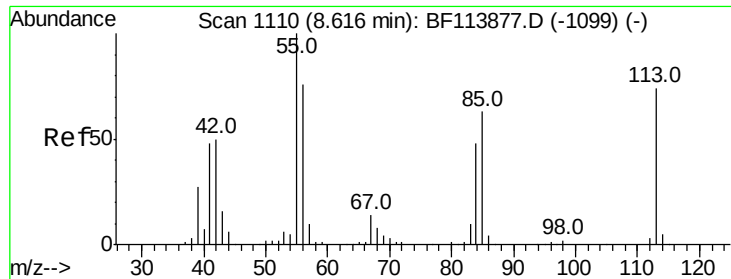
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#34
Hexachlorobutadiene
Concen: 49.862 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.1	76.7		
227	62.8	49.9	74.9		





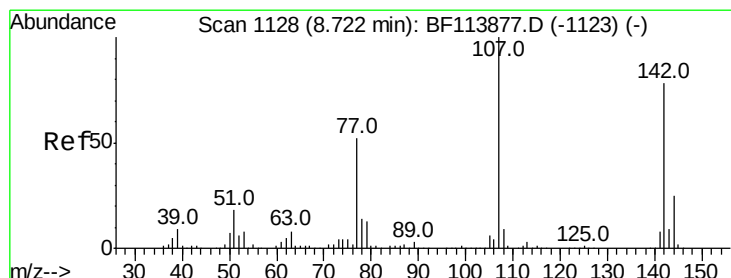
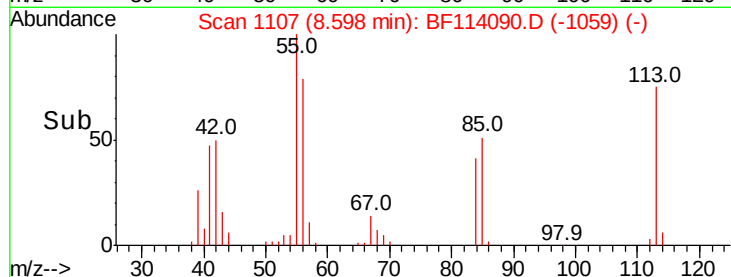
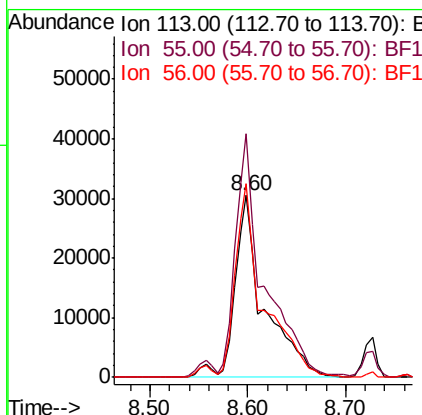
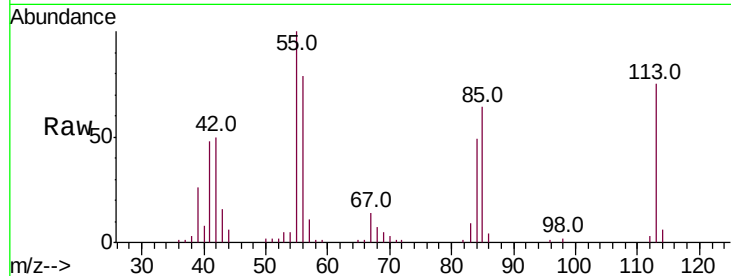
#35
 Caprolactam
 Concen: 50.751 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	134.0	128.6	168.6	
56	106.4	91.9	131.9	

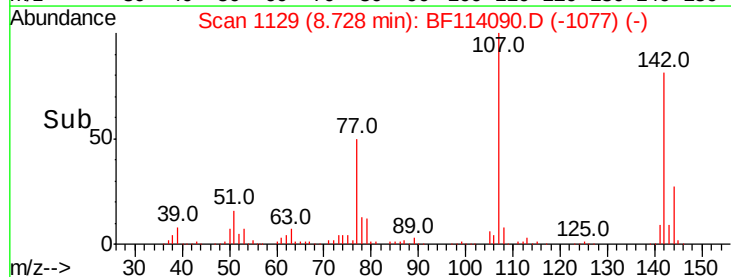
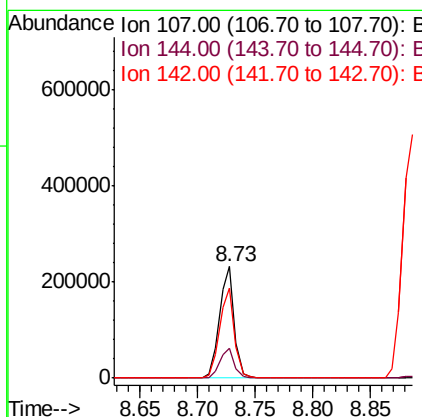
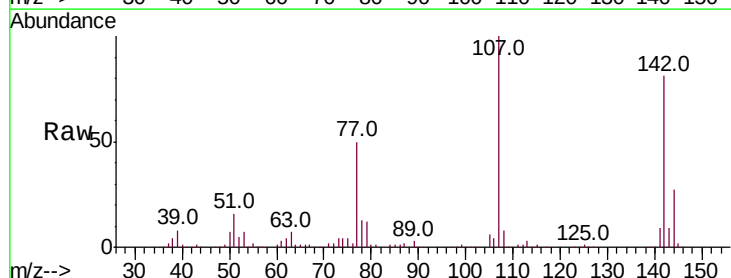
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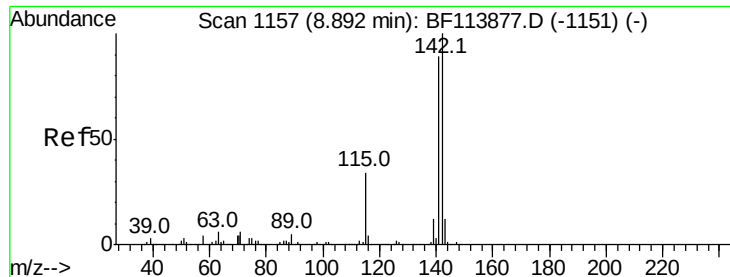
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#36
 4-Chloro-3-methylphenol
 Concen: 53.267 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.3	20.5	30.7	
142	81.4	64.2	96.4	





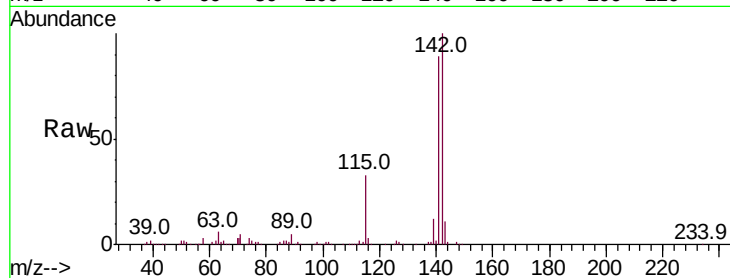
#37
2-Methylnaphthalene
Concen: 55.031 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	33.3	26.3	39.5

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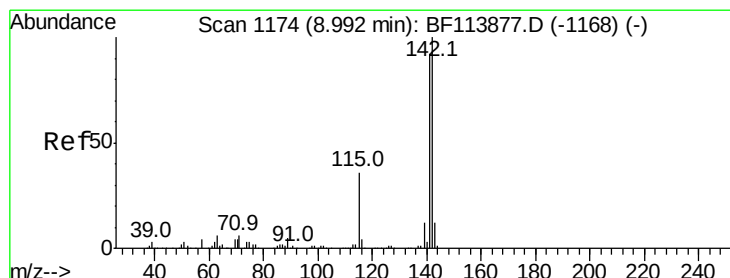
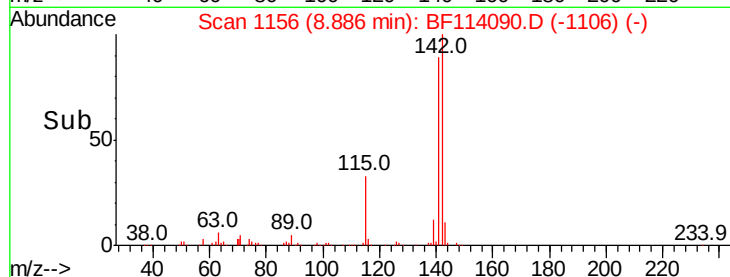
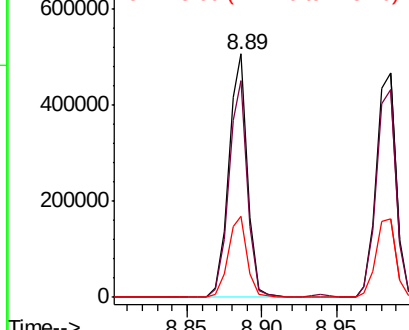


Abundance

Ion 142.00 (141.70 to 142.70): E

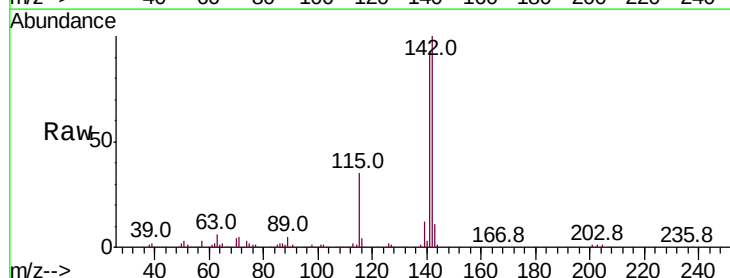
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 53.889 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5
116	3.7	3.0	4.4

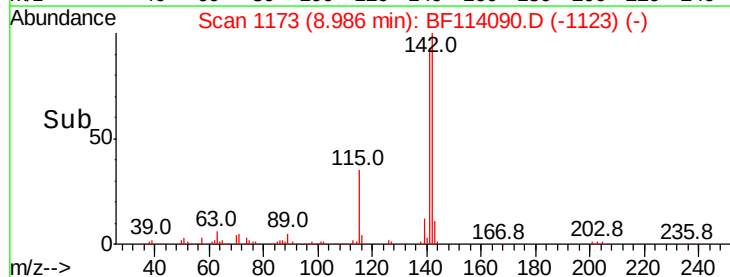
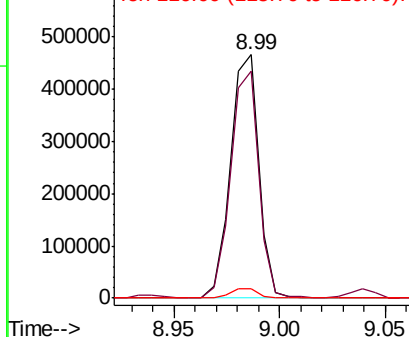


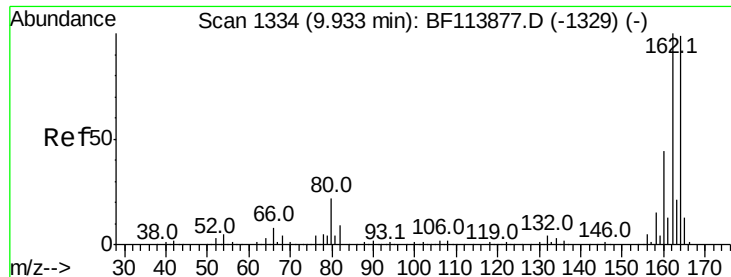
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





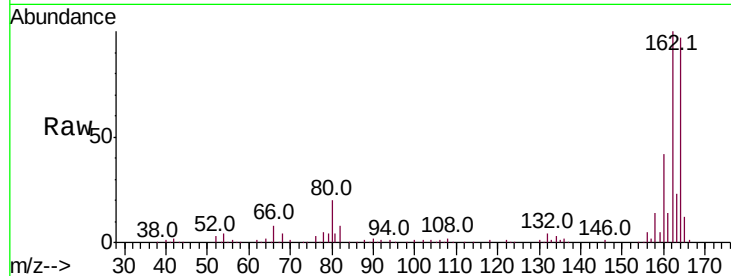
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	139645		
162	102.6	81.1	121.7	
160	43.0	35.8	53.6	

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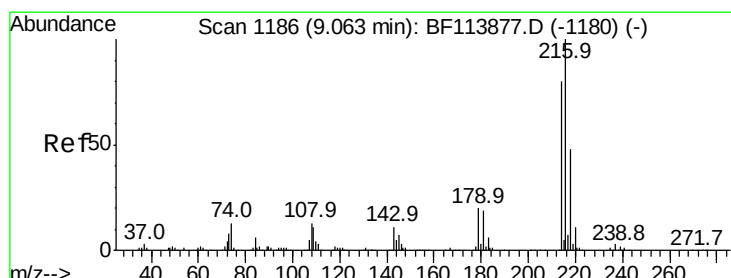
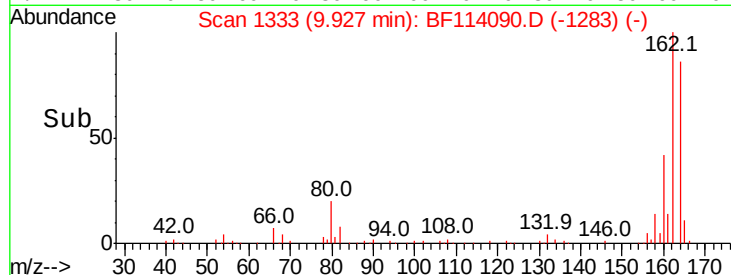
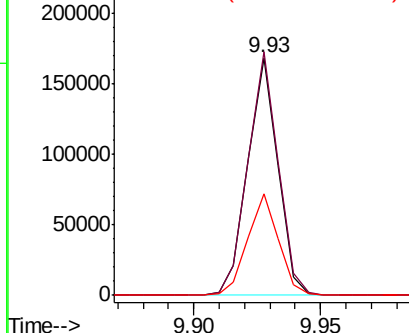


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.811 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	235021		
214	78.4	63.5	95.3	
179	20.3	16.1	24.1	
108	16.0	13.4	20.0	

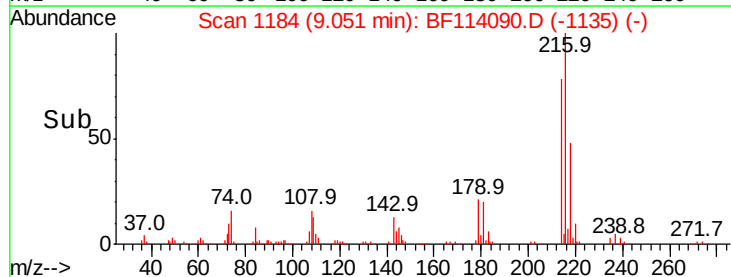
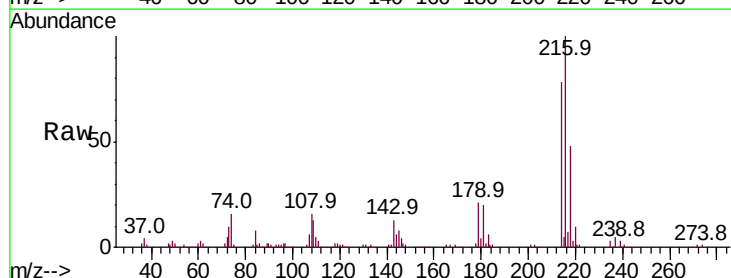
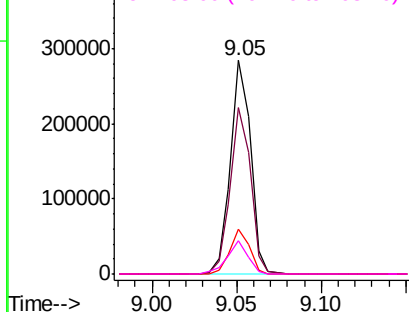
Abundance

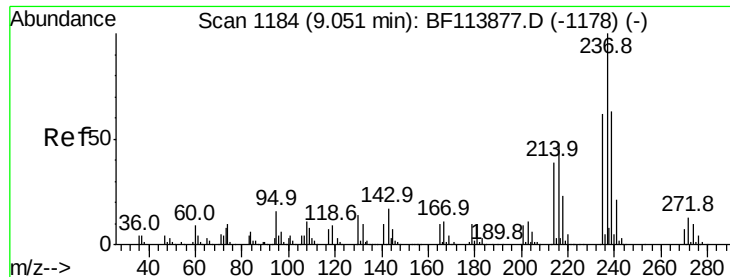
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





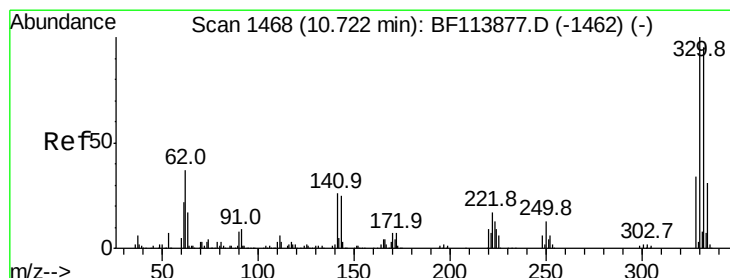
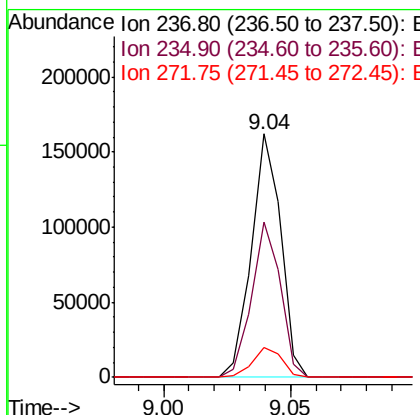
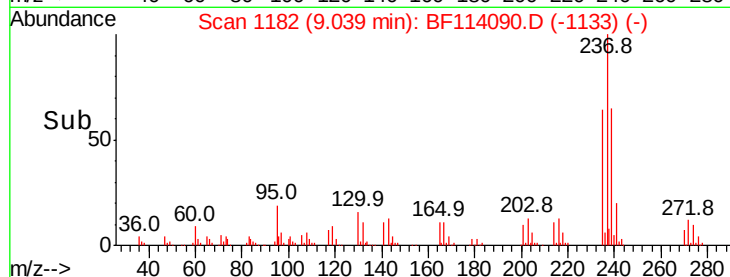
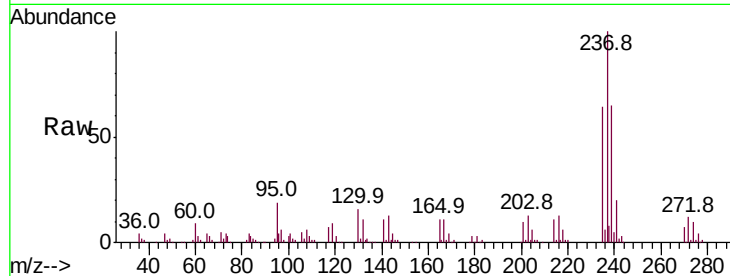
#41
 Hexachlorocyclopentadiene
 Concen: 51.878 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	131227		
235	63.6	42.6	82.6	
272	12.4	0.0	33.8	

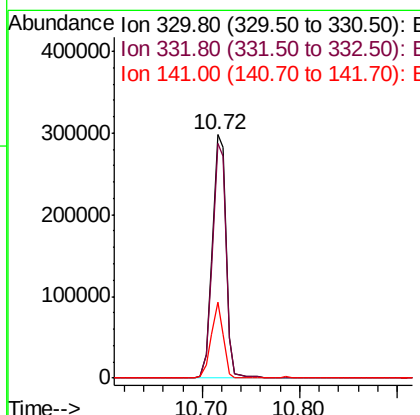
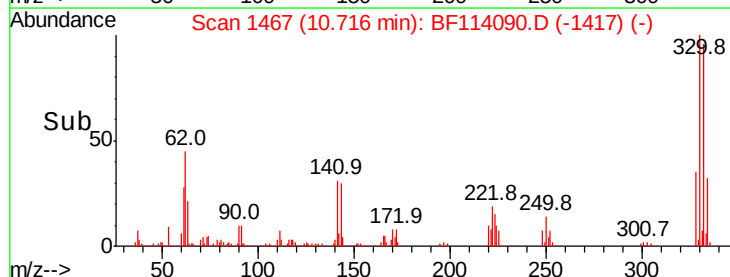
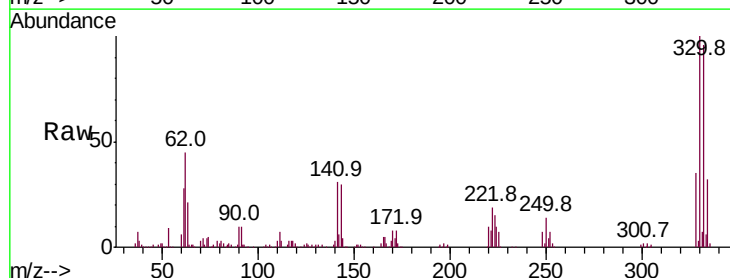
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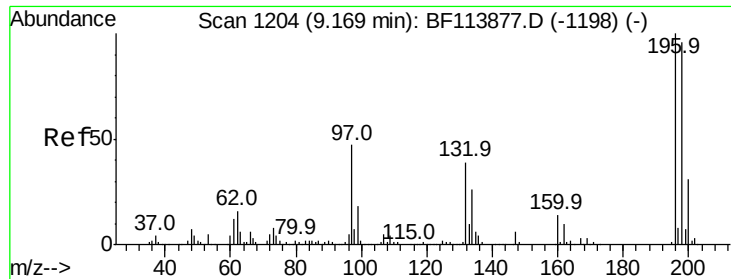
Sohil
 5/3/2019 4:33:05 PM



#42
 2,4,6-Tribromophenol
 Concen: 171.033 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	290955		
332	96.1	77.5	116.3	
141	27.6	22.2	33.2	





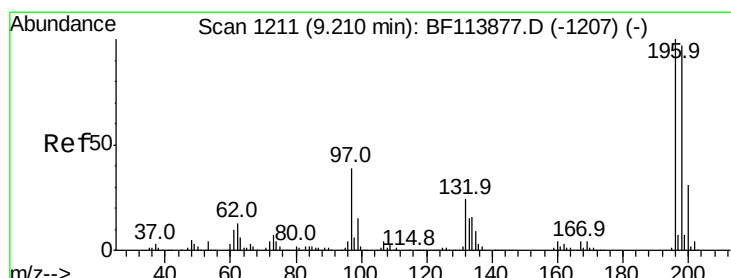
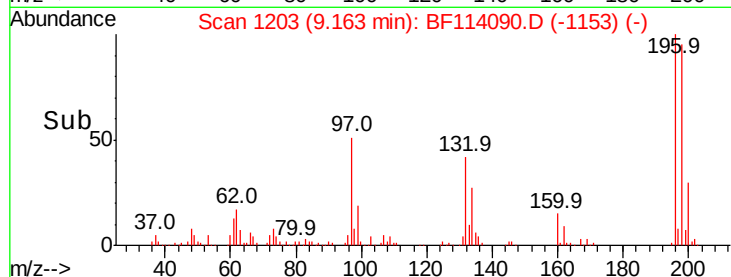
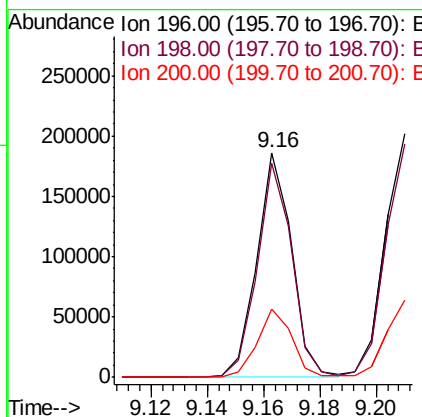
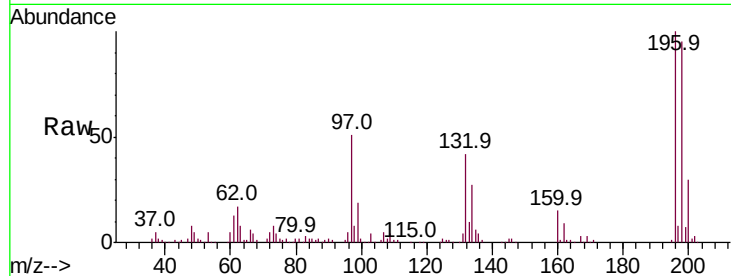
#43
 2,4,6-Trichlorophenol
 Concen: 55.289 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159254		
198	95.2	75.6	113.4	
200	30.4	24.7	37.1	

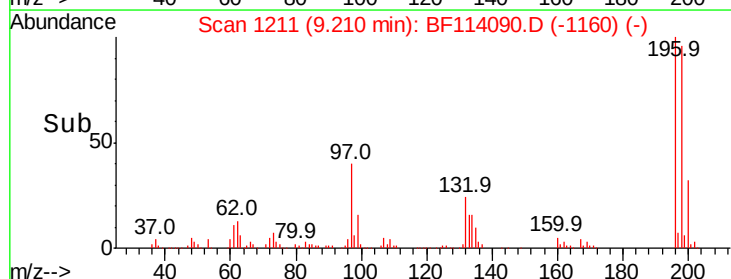
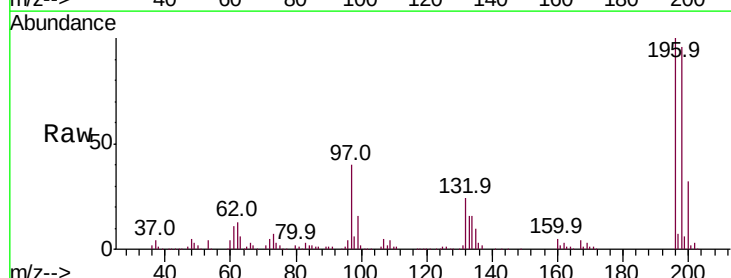
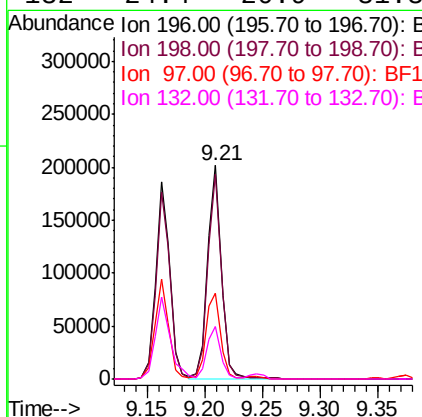
Manual Integrations
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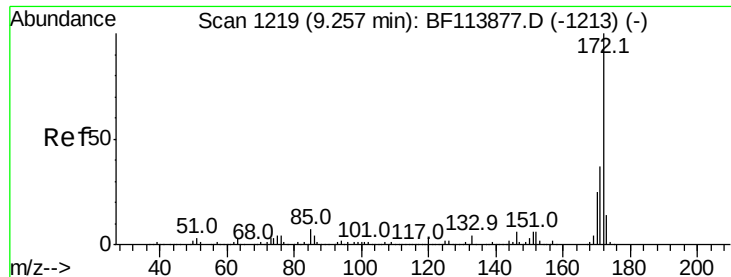
Sohil
 5/3/2019 4:33:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.474 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169535		
198	96.1	76.2	114.4	
97	40.3	35.8	53.8	
132	24.4	20.9	31.3	





#45

2-Fluorobiphenyl

Concen: 109.216 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

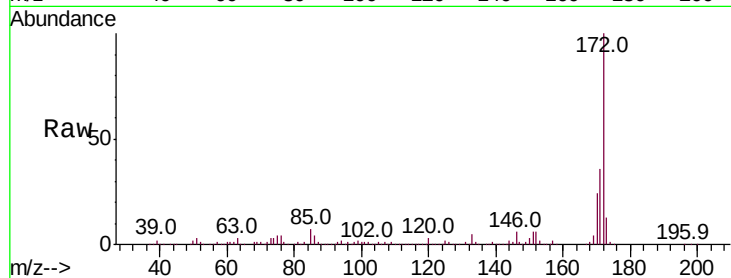
ClientSampleId :

DRUM-1-4MSD

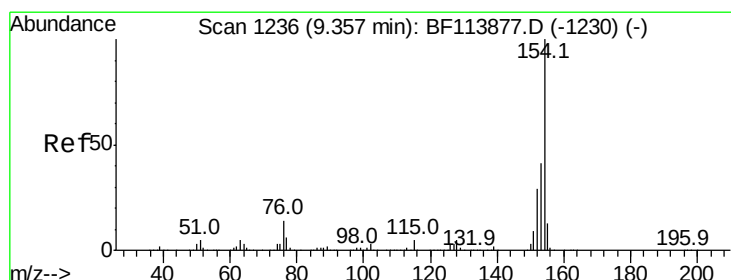
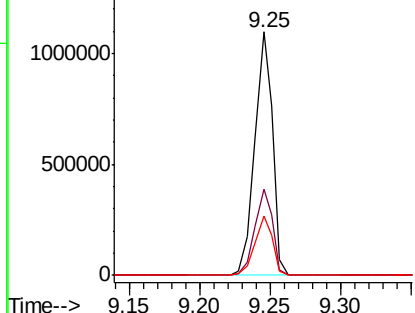
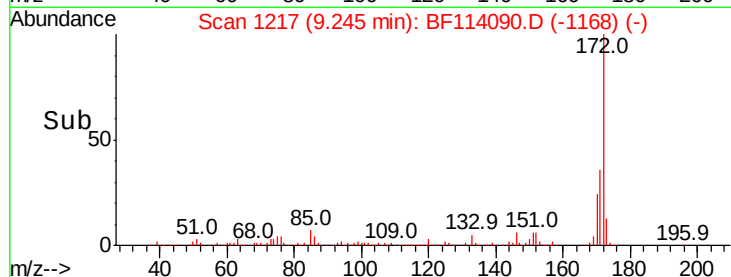
Tot Ion:	172	Resp:	975145
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.4	44.0
170	24.3	19.9	29.9

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Abundance Ion 172.00 (171.70 to 172.70): E
1500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 52.986 ng

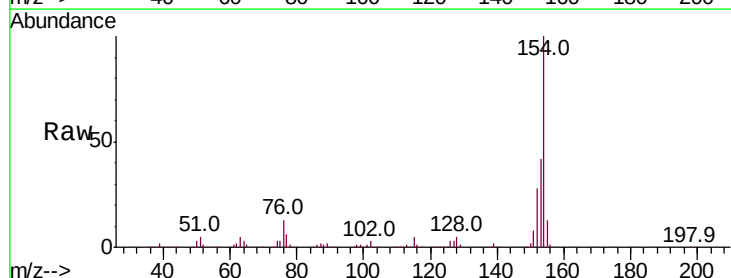
RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

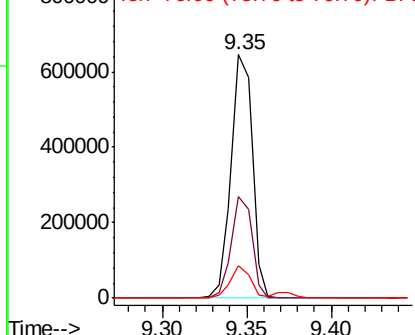
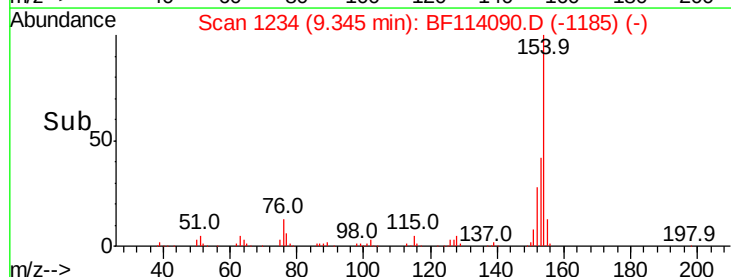
Lab File: BF114090.D

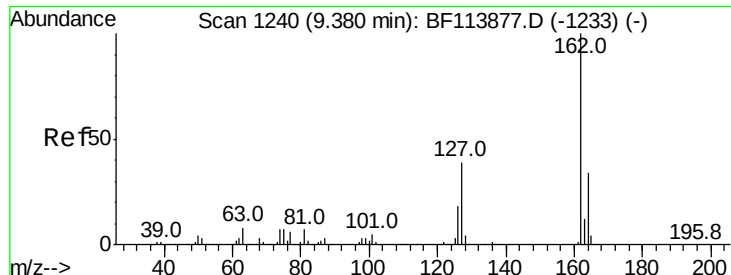
Acq: 2 May 2019 17:51

Tgt Ion:	154	Resp:	565242
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.8	60.8
76	13.2	0.0	35.2



Abundance Ion 154.00 (153.70 to 154.70): E
800000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





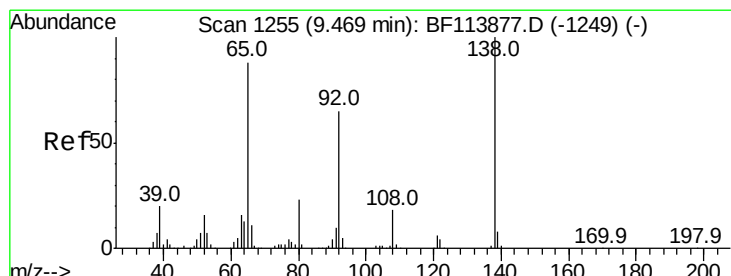
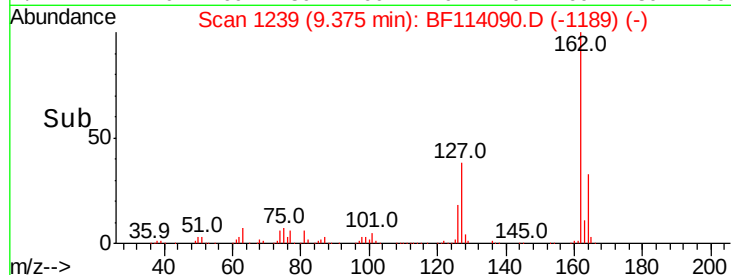
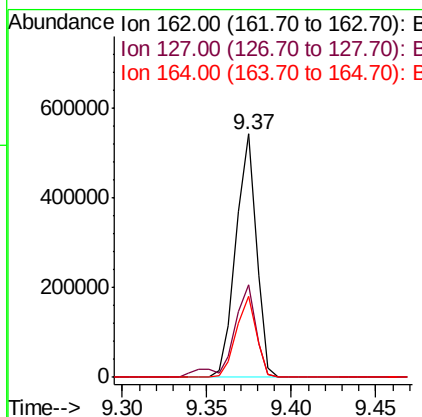
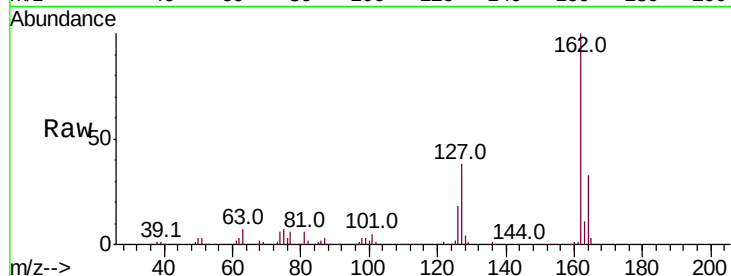
#47
 2-Chloronaphthalene
 Concen: 52.594 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion:	162	Resp:	456263
Ion Ratio	Lower	Upper	
162	100		
127	37.9	29.3	43.9
164	33.4	27.1	40.7

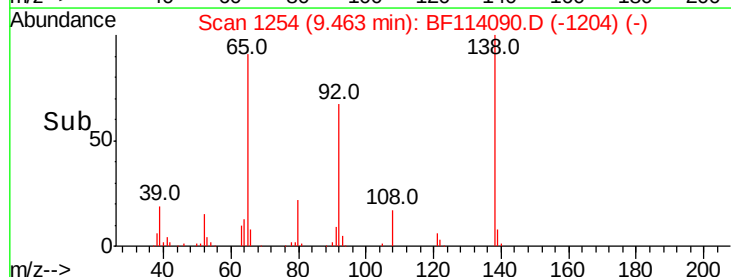
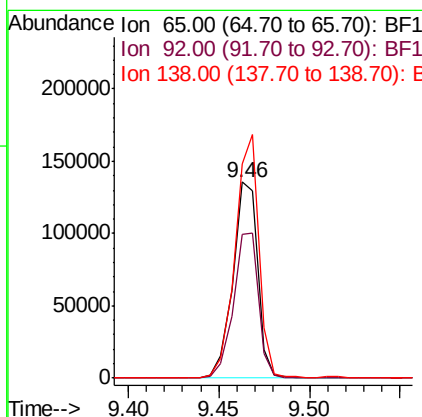
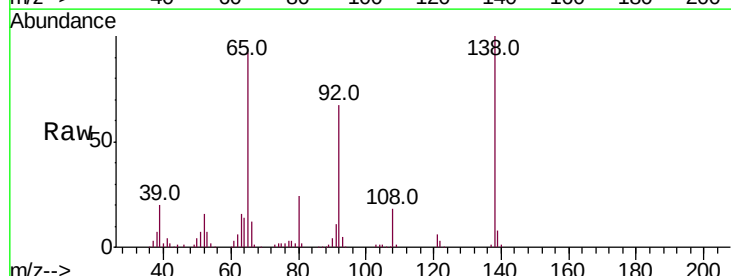
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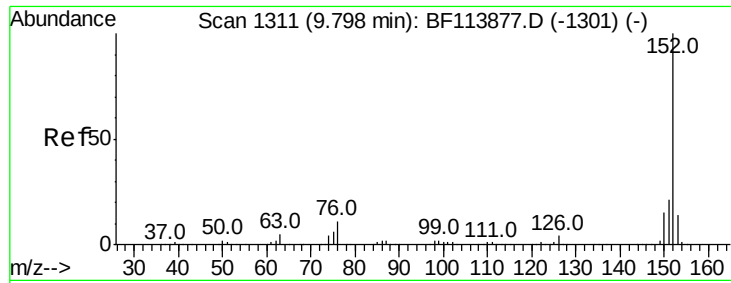
Sohil
 5/3/2019 4:33:05 PM



#48
 2-Nitroaniline
 Concen: 57.100 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion:	65	Resp:	129857
Ion Ratio	Lower	Upper	
65	100		
92	73.3	57.4	86.0
138	109.1	85.4	128.0





#49

Acenaphthylene

Concen: 52.254 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

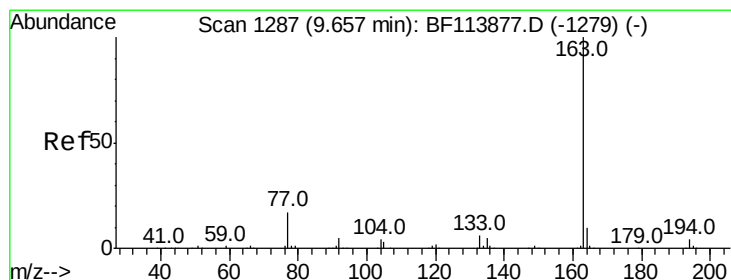
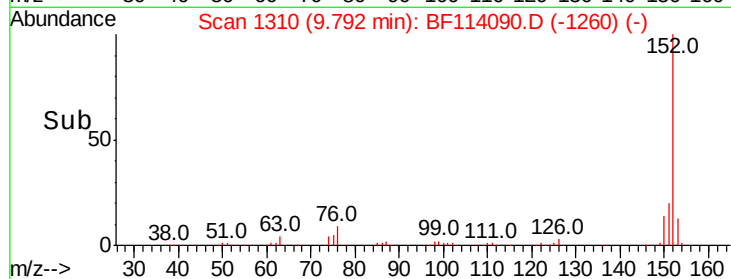
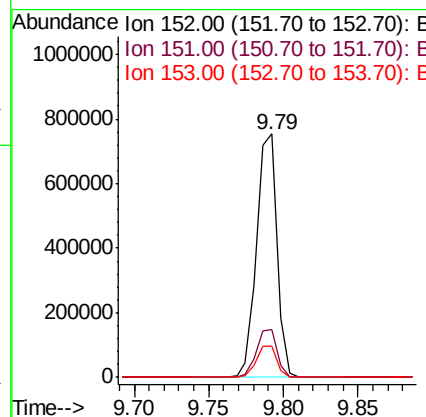
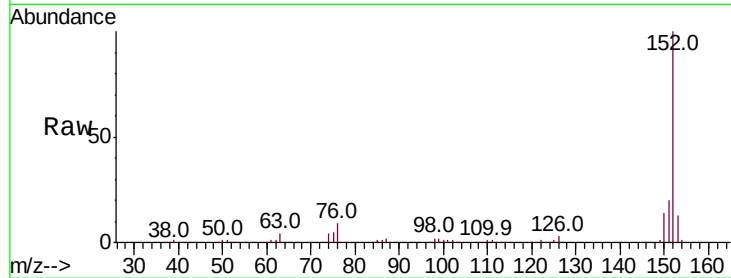
ClientSampleId :

DRUM-1-4MSD

Tot Ion:	152	Resp:	709674
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.0	25.4
153	12.9	11.0	16.6

Manual Integrations
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5/3/2019 4:33:05 PM



#50

Dimethylphthalate

Concen: 63.230 ng

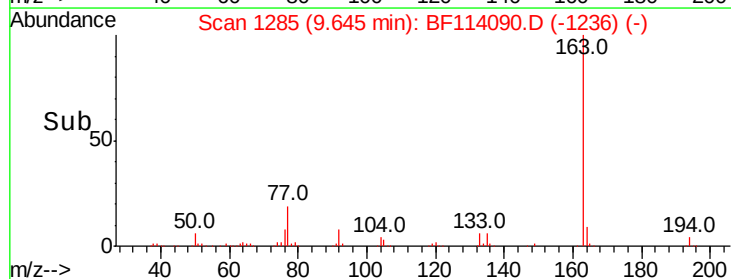
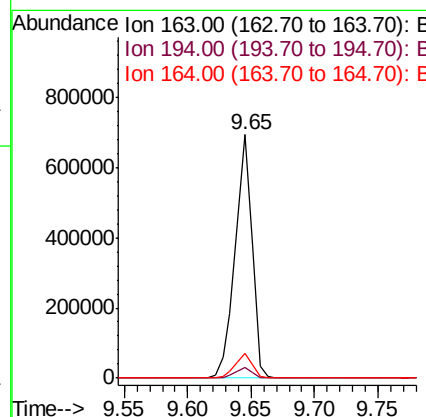
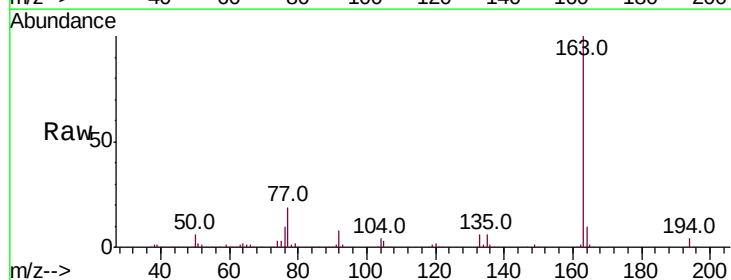
RT: 9.65 min Scan# 1285

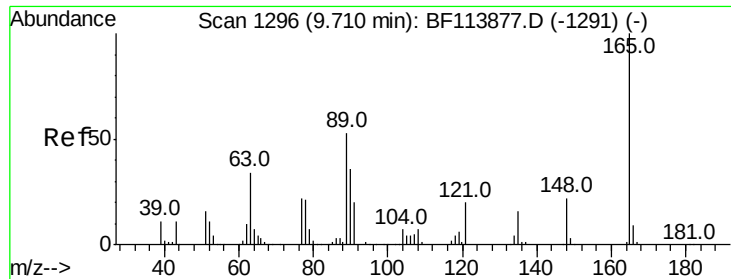
Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion:	163	Resp:	638584
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.2	8.5	12.7





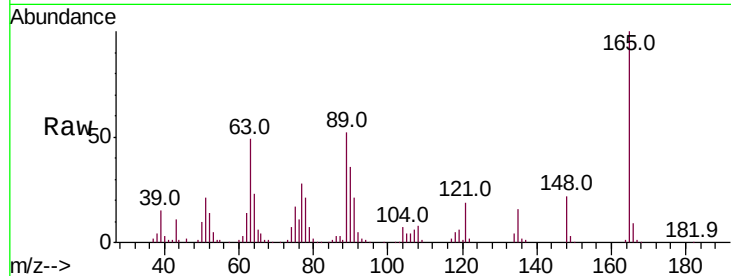
#51
2,6-Dinitrotoluene
Concen: 56.733 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	122922		
63	48.9		33.8	50.8
89	52.2		38.2	57.2

Manual Integrations
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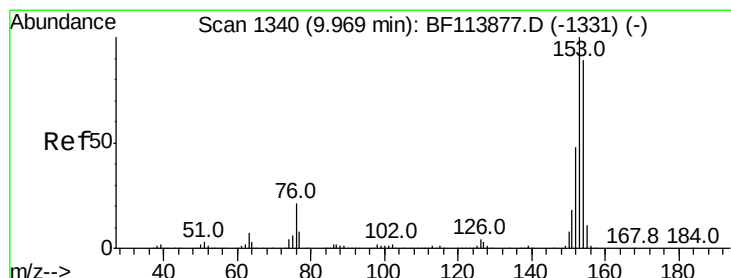
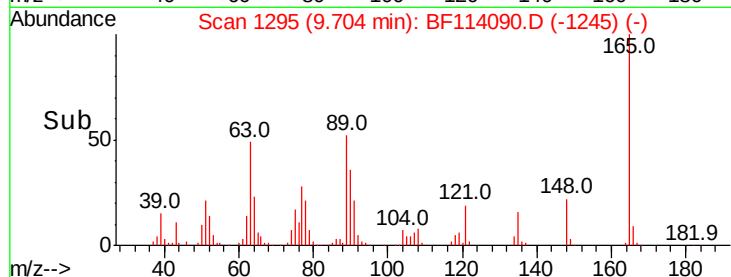
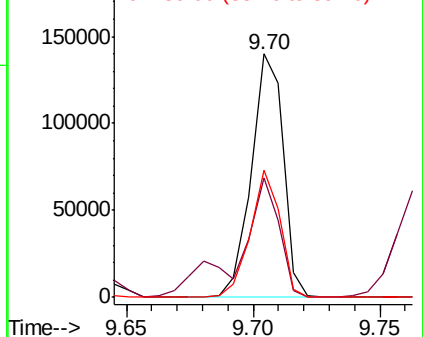


Abundance

Ion 165.00 (164.70 to 165.70): E

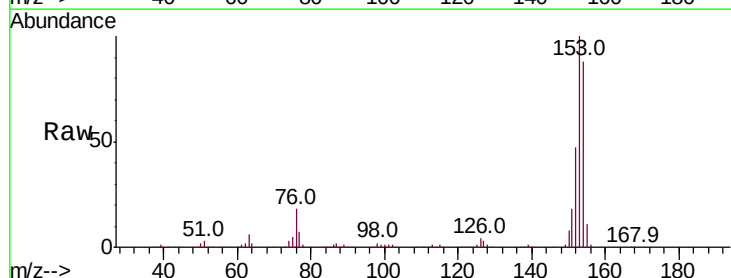
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 52.149 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	418562		
153	113.8		87.2	130.8
152	53.8		42.3	63.5

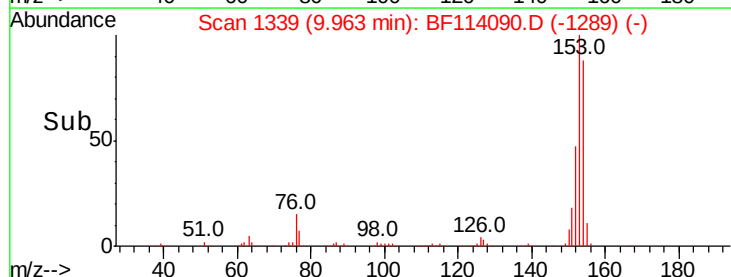
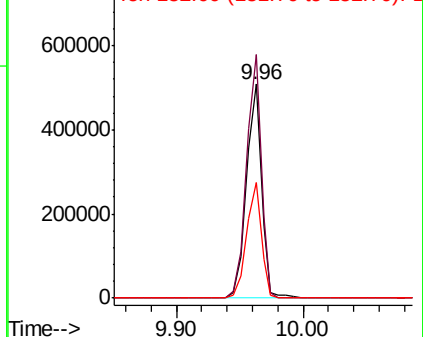


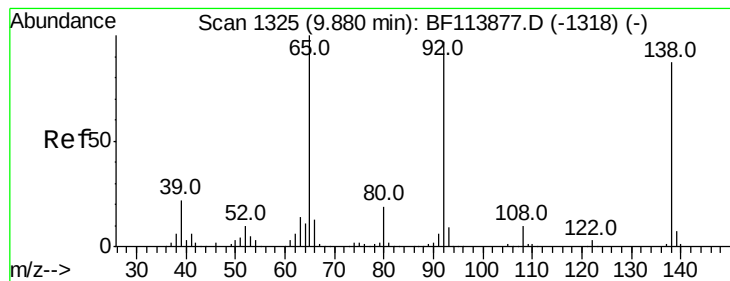
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.691 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

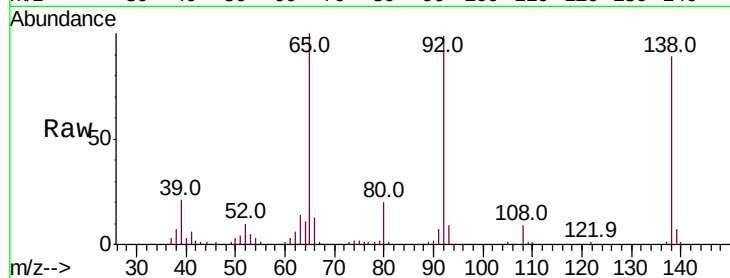
ClientSampleId :

DRUM-1-4MSD

Tot Ion:	138	Resp:	88091
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.2
92	111.9	94.1	141.1

Manual Integrations
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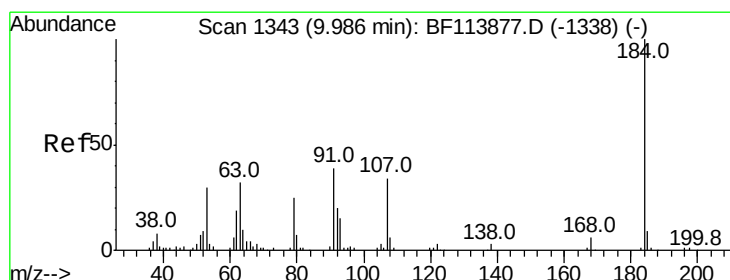
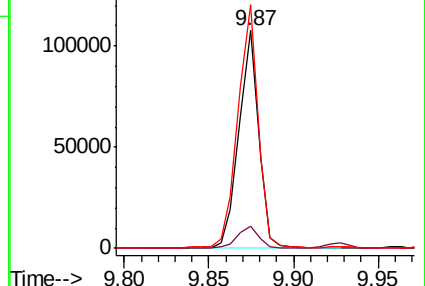
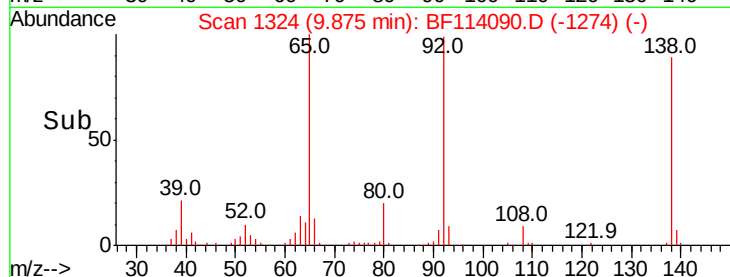
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 21.013 ng

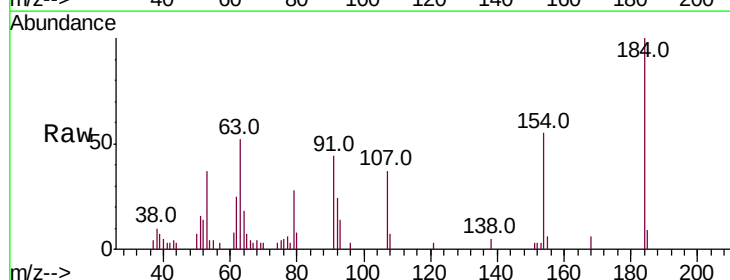
RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

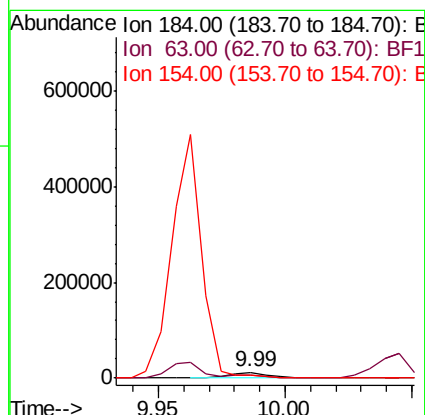
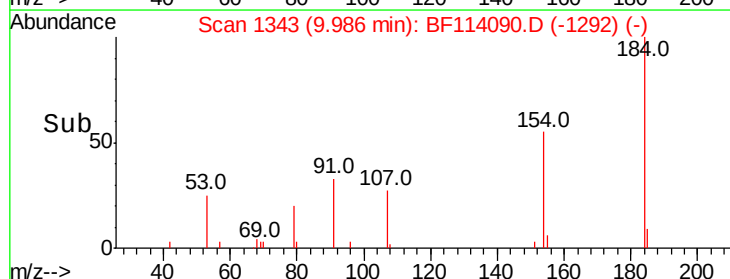
Tgt Ion:	184	Resp:	13281
Ion Ratio	Lower	Upper	
184	100		
63	52.2	54.6	81.8#
154	55.4	218.6	328.0#

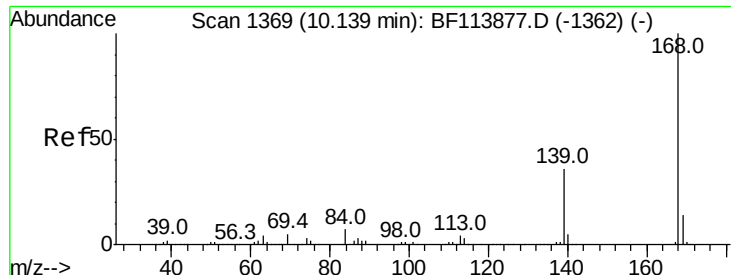


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





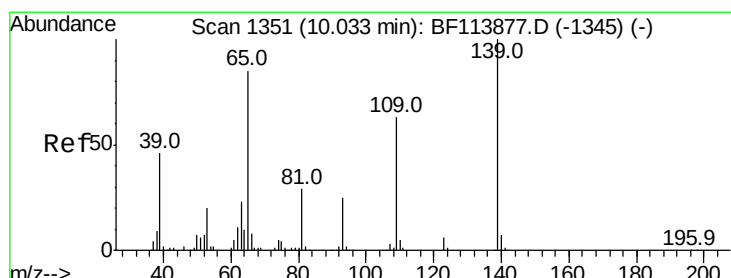
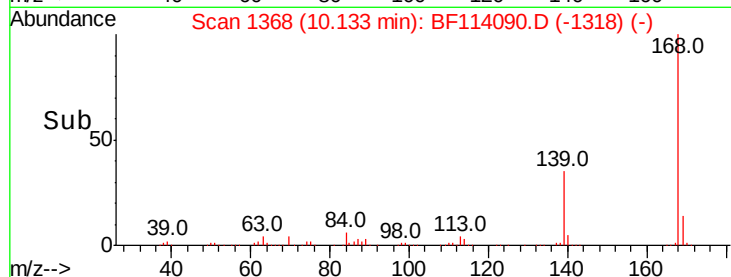
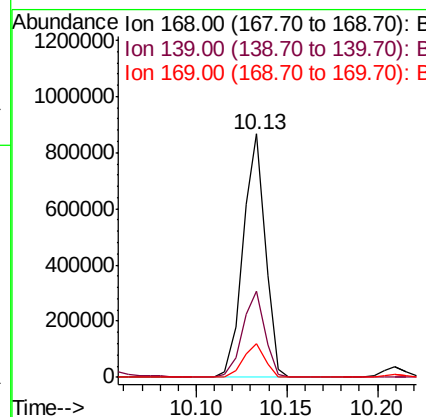
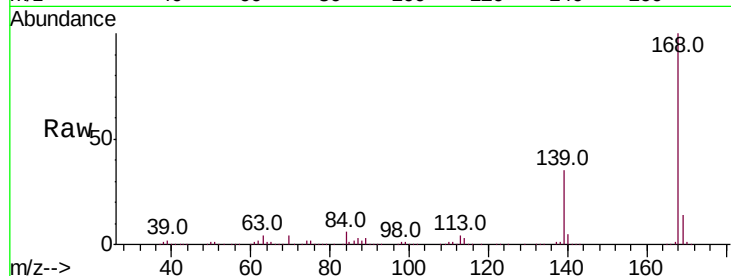
#55
Dibenzofuran
Concen: 61.035 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.8	41.6
169	13.8	11.0	16.6

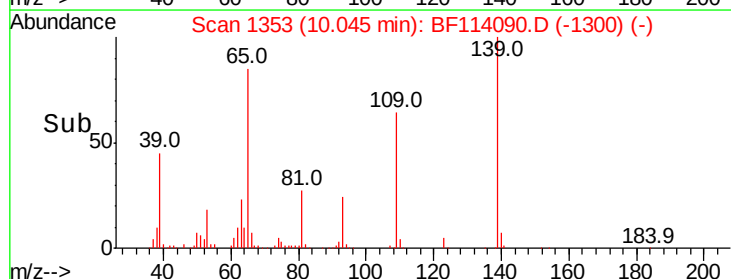
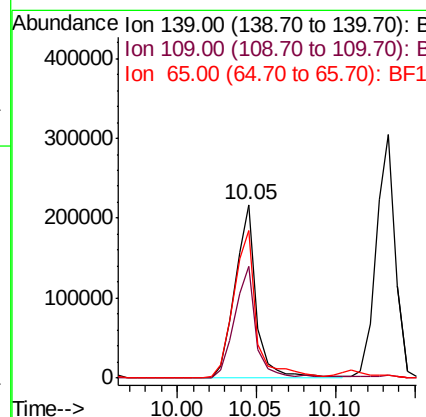
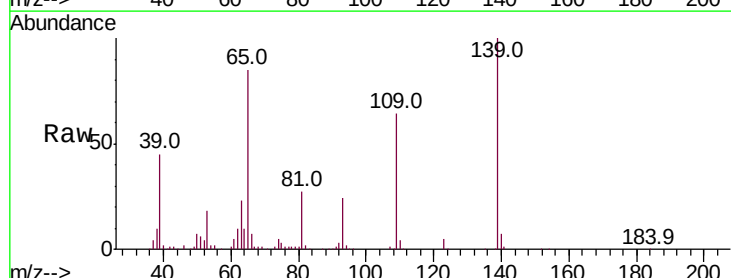
Manual Integrations
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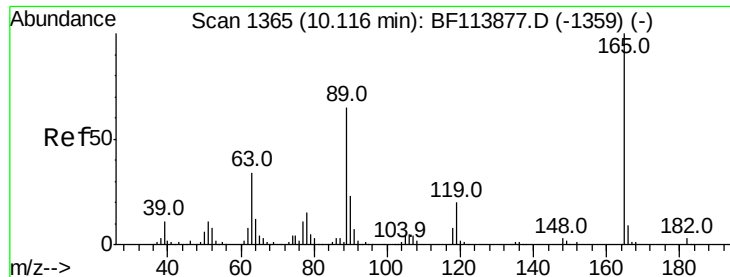
Sohil
5/3/2019 4:33:05 PM



#56
4-Nitrophenol
Concen: 113.024 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.9	82.9
65	85.2	64.4	104.4





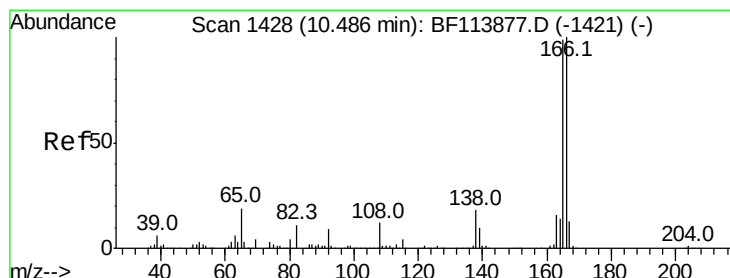
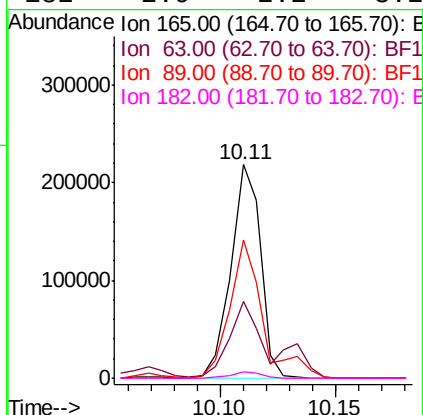
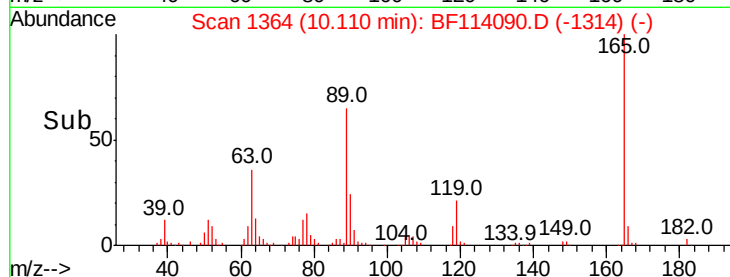
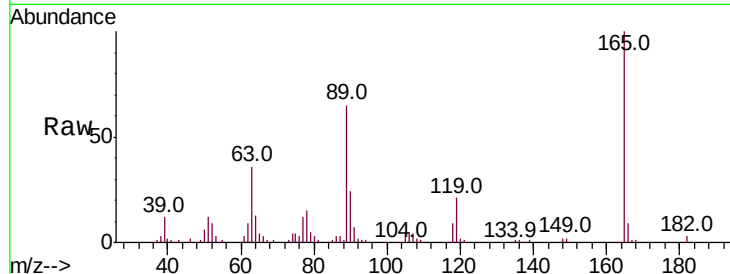
#57
2,4-Dinitrotoluene
Concen: 71.324 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195060		
63	36.0		27.4	41.0
89	64.9		51.8	77.6
182	2.9		2.2	3.2

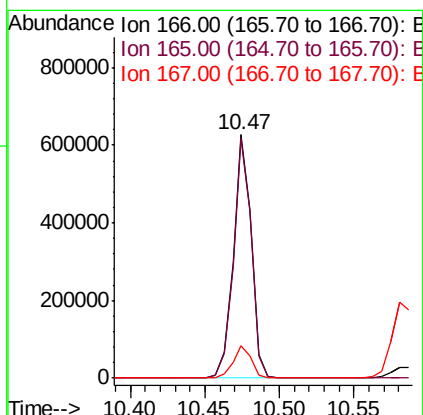
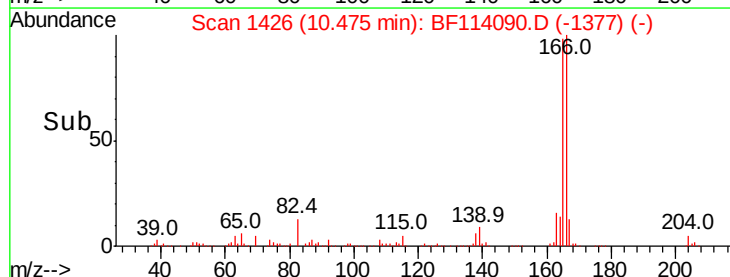
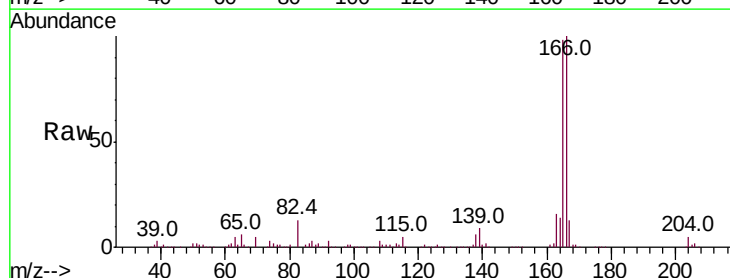
Manual Integrations
APPROVED

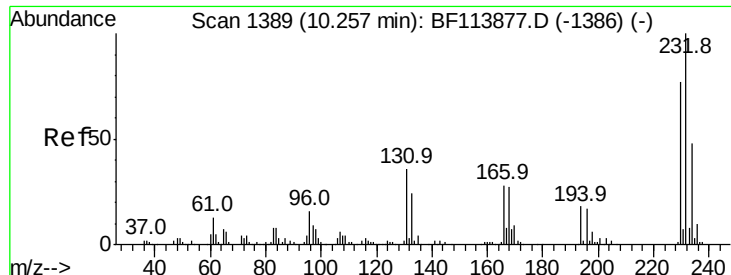
Sohil
5/3/2019 4:33:05 PM



#58
Fluorene
Concen: 58.373 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	528379		
165	98.4		78.4	117.6
167	13.2		10.9	16.3





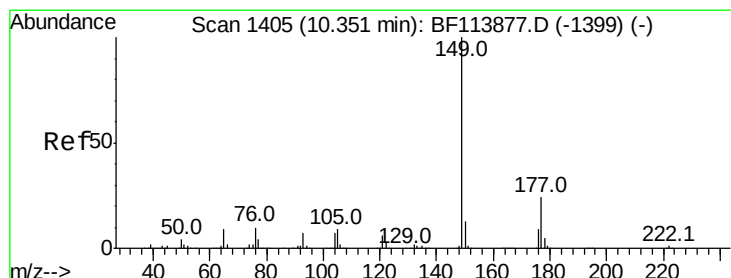
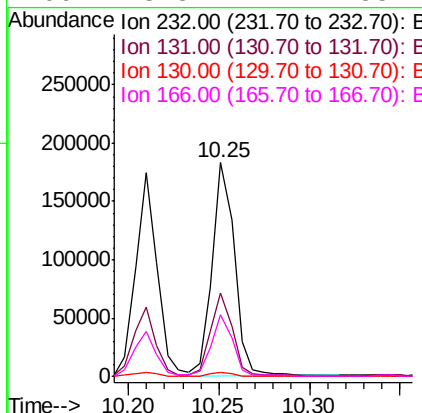
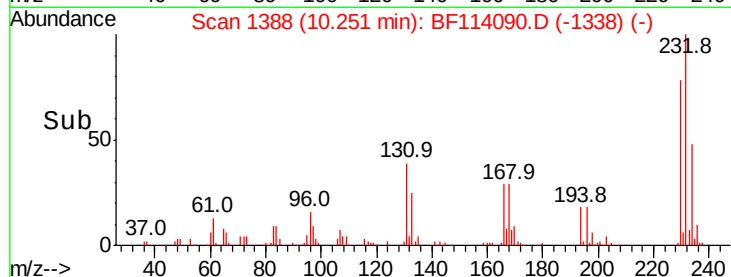
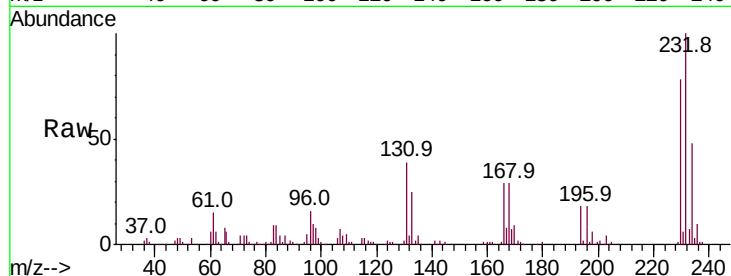
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.185 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	156681		
131	38.4	30.2	45.2	
130	1.7	1.5	2.3	
166	28.3	22.2	33.4	

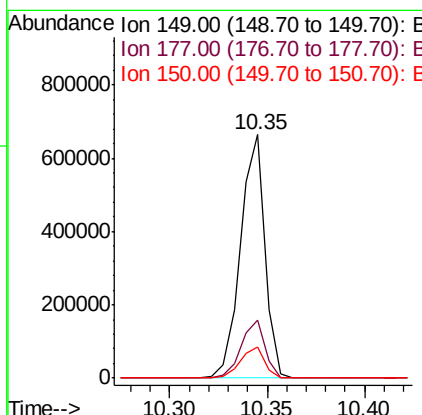
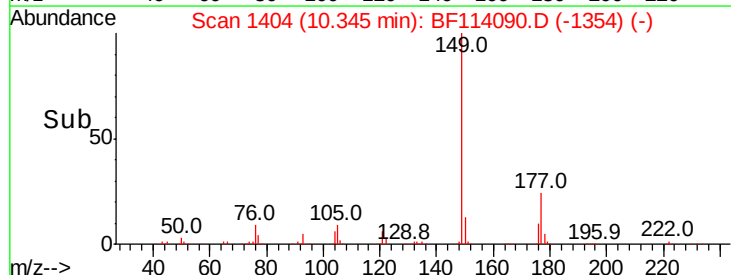
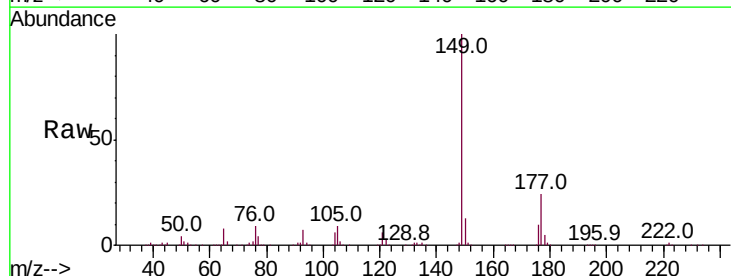
Manual Integrations
 APPROVED

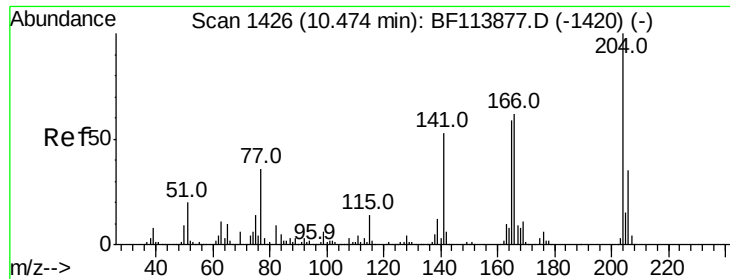
Sohil
 5/3/2019 4:33:05 PM



#60
 Diethylphthalate
 Concen: 59.931 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	574775		
177	24.0	19.2	28.8	
150	12.6	10.3	15.5	





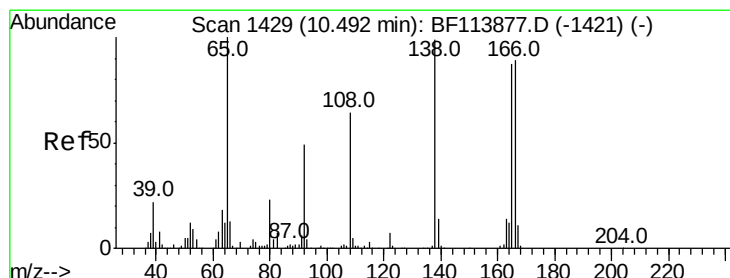
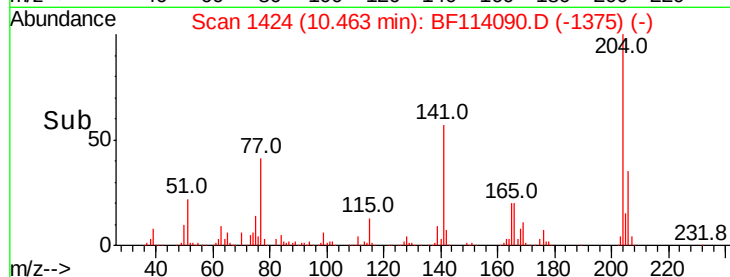
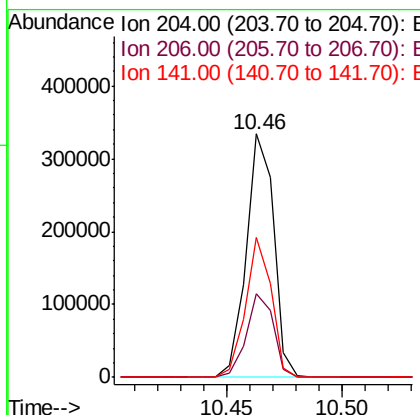
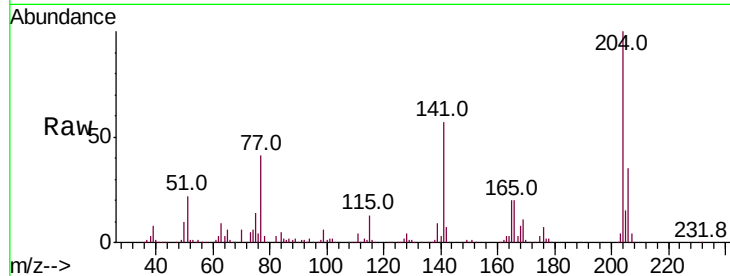
#61
 4-Chlorophenyl-phenylether
 Concen: 57.971 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion:	204	Resp:	277897
Ion Ratio	Lower	Upper	
204	100		
206	34.6	27.4	41.2
141	57.3	42.6	63.8

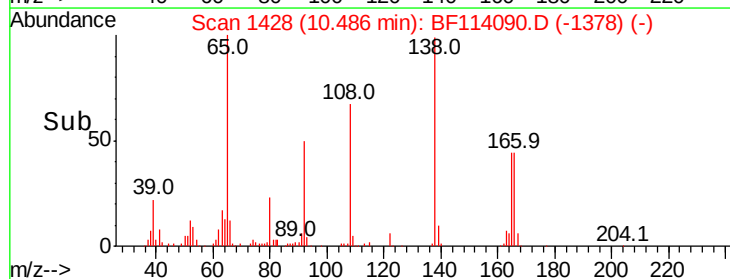
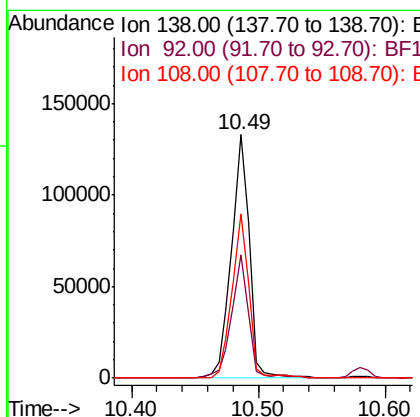
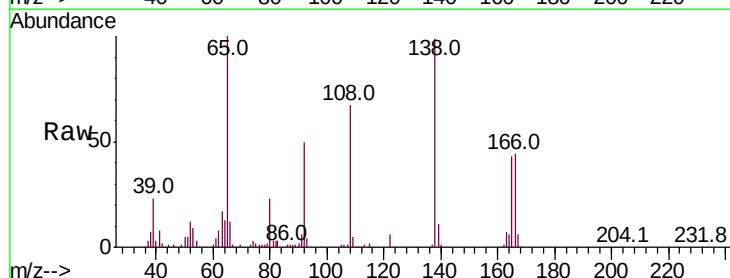
Manual Integrations
 APPROVED

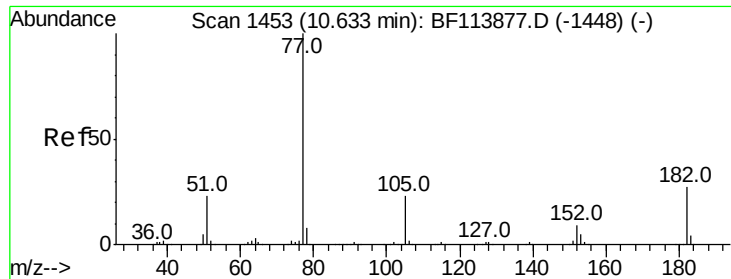
Sohil
 5/3/2019 4:33:05 PM



#62
 4-Nitroaniline
 Concen: 58.441 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion:	138	Resp:	129847
Ion Ratio	Lower	Upper	
138	100		
92	50.5	31.3	71.3
108	67.6	48.9	88.9





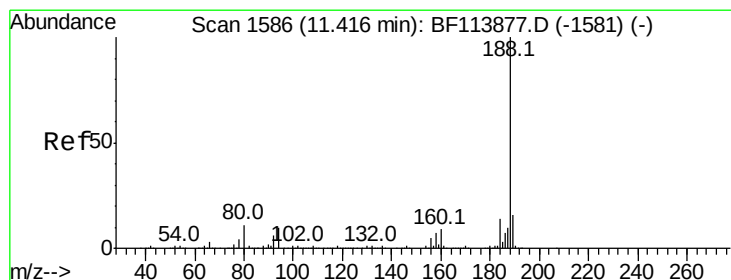
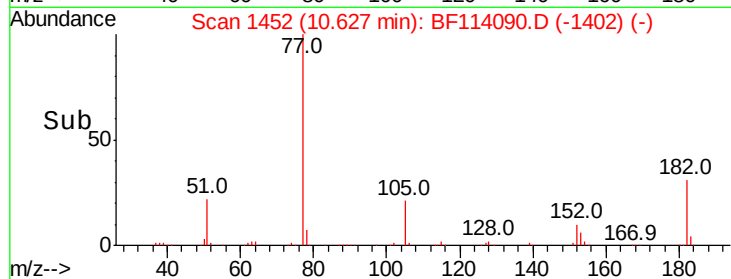
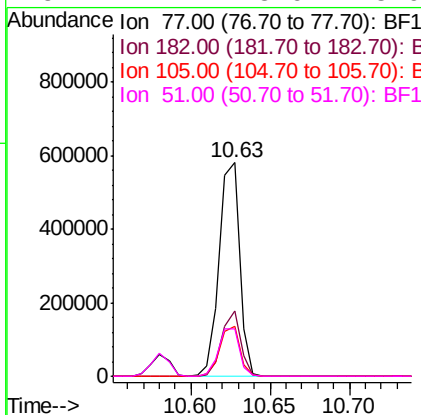
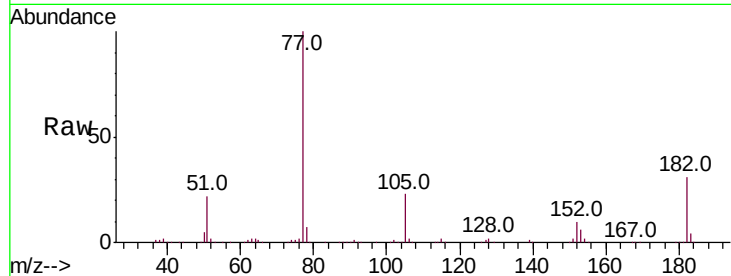
#63
Azobenzene
Concen: 56.070 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.8	4.4	44.4	
105	23.1	2.2	42.2	
51	22.2	3.9	43.9	

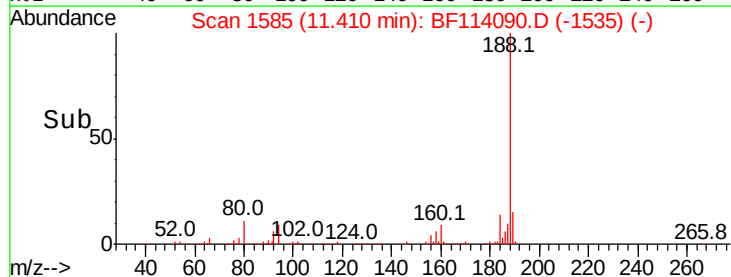
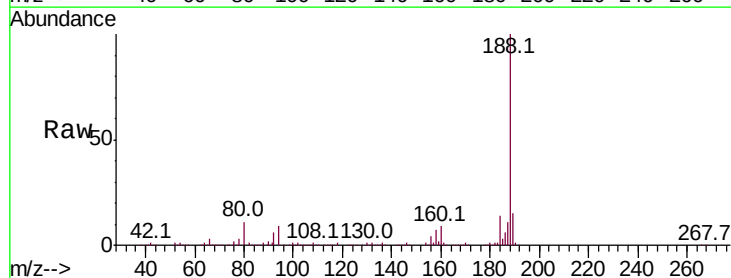
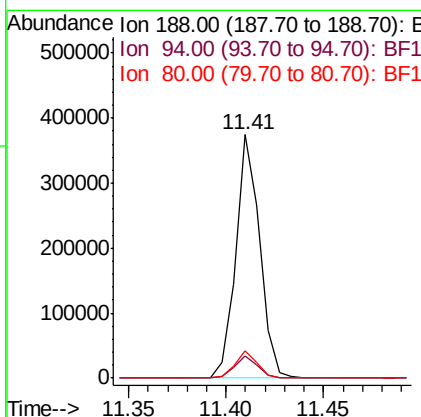
Manual Integrations
APPROVED

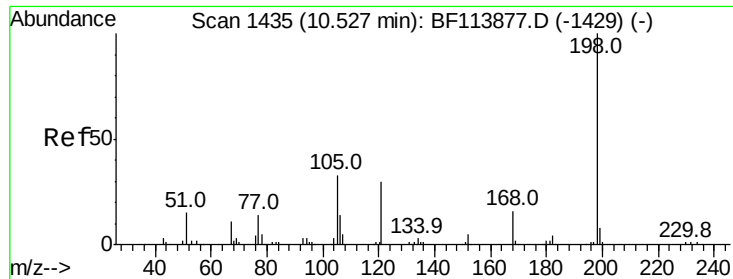
Sohil
5/3/2019 4:33:05 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	8.2	12.4	
80	11.1	9.0	13.6	





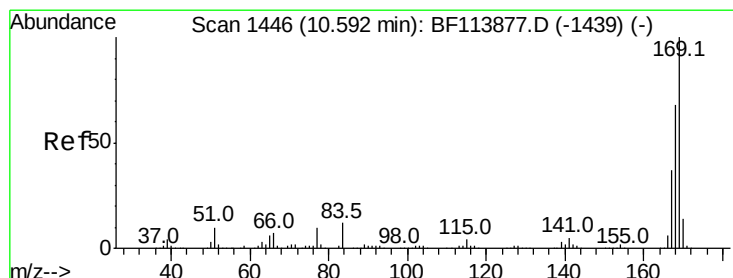
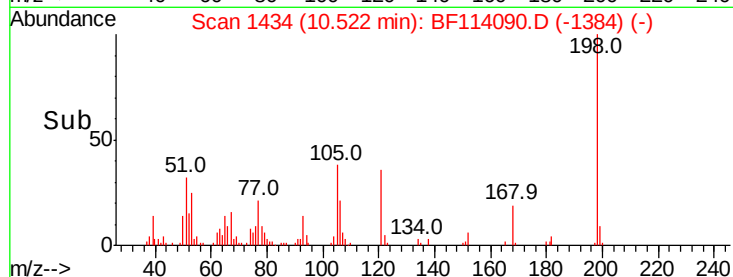
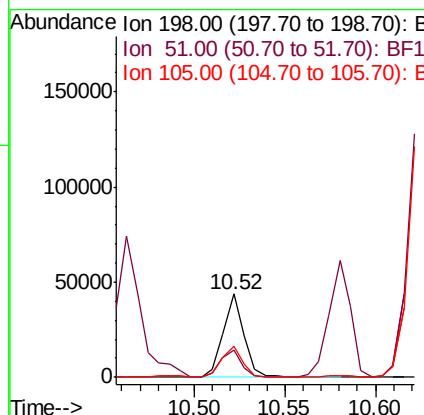
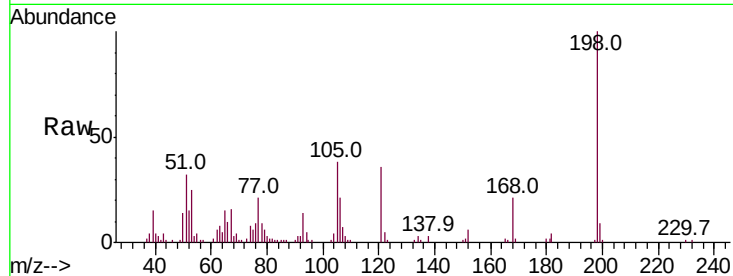
#65
4,6-Dinitro-2-methylphenol
Concen: 27.760 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	35033		
51	32.1		11.1	51.1
105	38.1		20.7	60.7

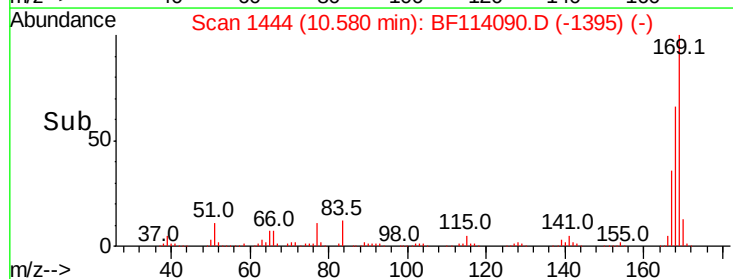
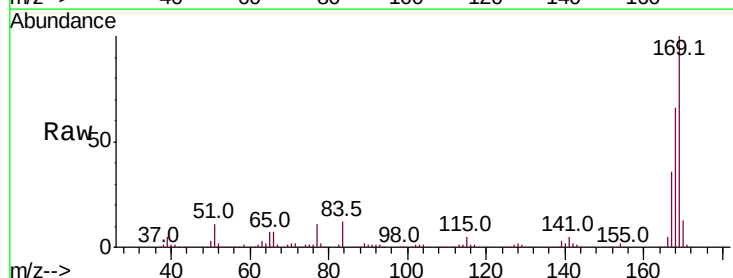
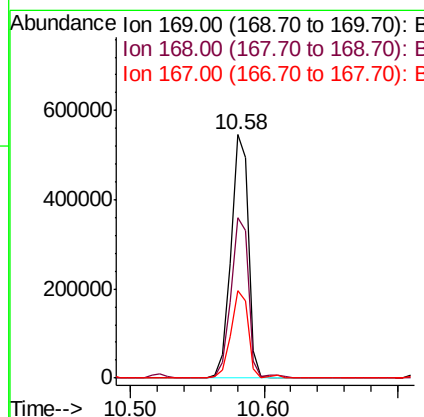
Manual Integrations
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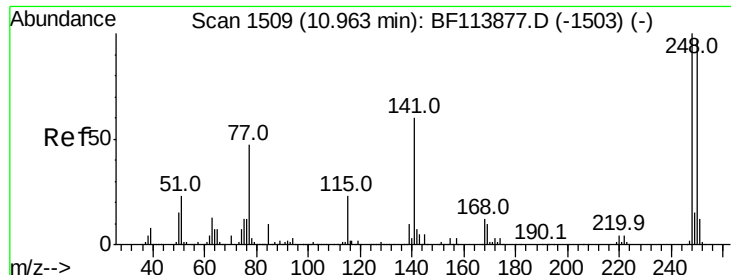
Sohil
5/3/2019 4:33:05 PM



#66
n-Nitrosodiphenylamine
Concen: 53.085 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	504640		
168	65.9		54.3	81.5
167	35.8		29.4	44.0





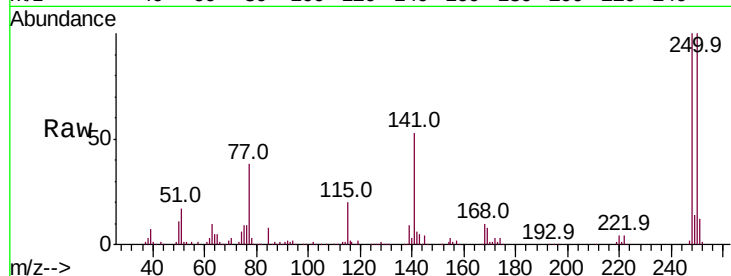
#67
 4-Bromophenyl-phenylether
 Concen: 45.721 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion:	248	Resp:	174988
Ion Ratio	Lower	Upper	
248	100		
250	99.7	75.8	113.6
141	52.8	50.2	75.4

Manual Integrations
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 5/3/2019 4:33:05 PM

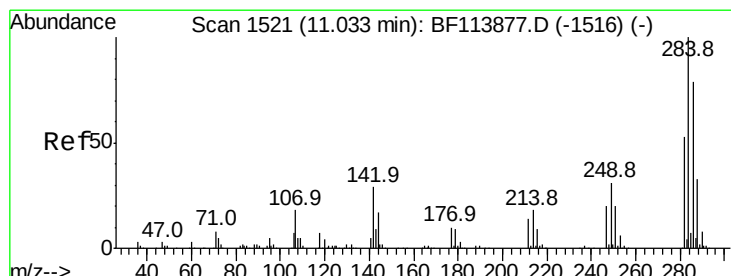
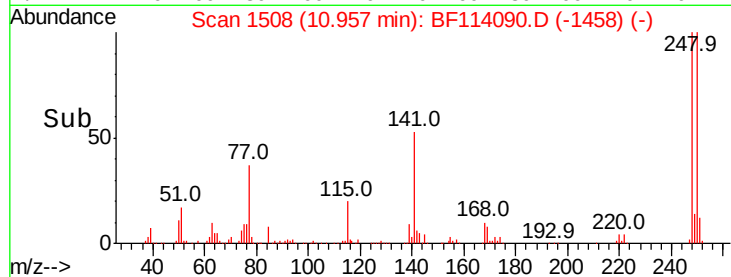
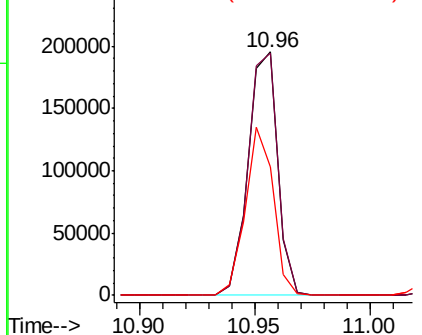


Abundance

Ion 248.00 (247.70 to 248.70): E

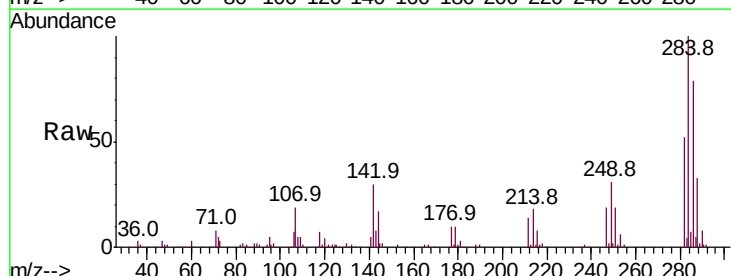
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 48.142 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion:	284	Resp:	202475
Ion Ratio	Lower	Upper	
284	100		
142	29.5	23.0	34.4
249	30.8	24.4	36.6

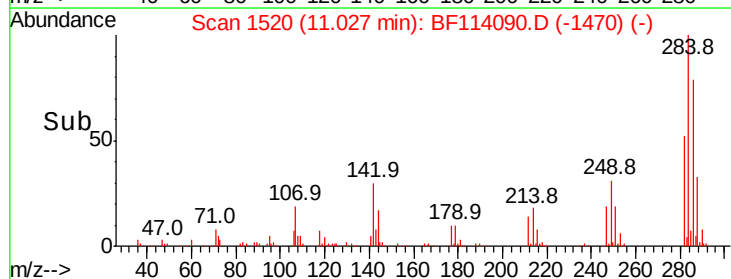
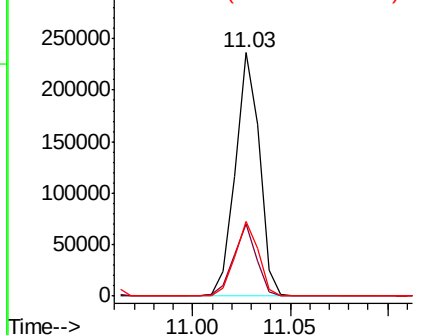


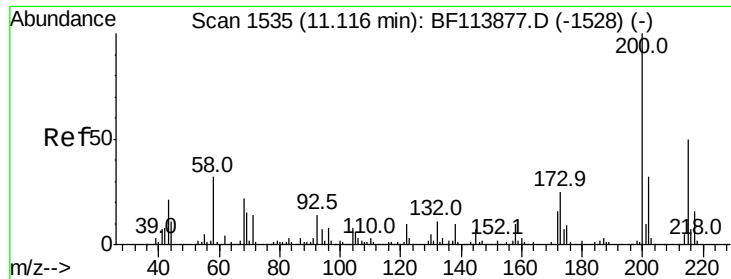
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





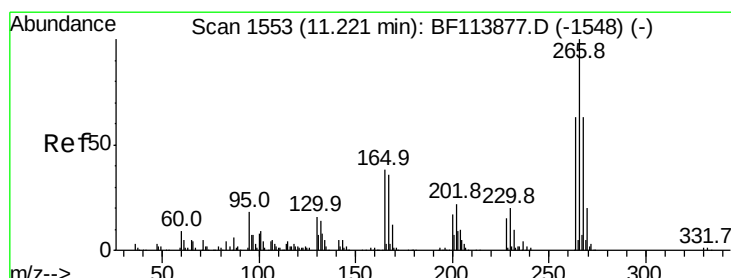
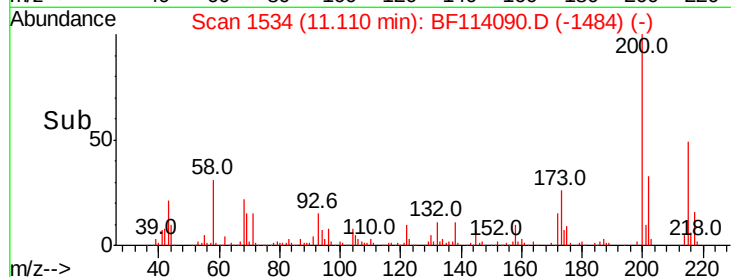
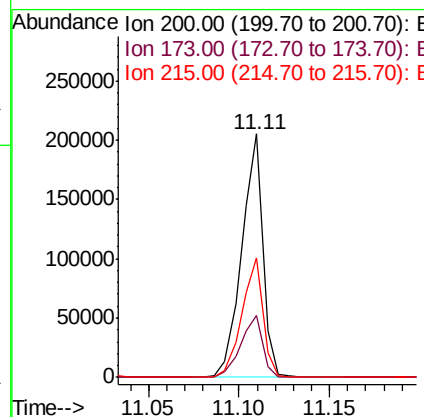
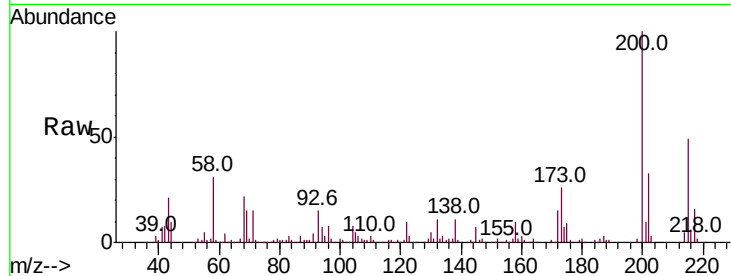
#69
Atrazine
Concen: 53.858 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.6	5.9	45.9
215	48.9	29.3	69.3

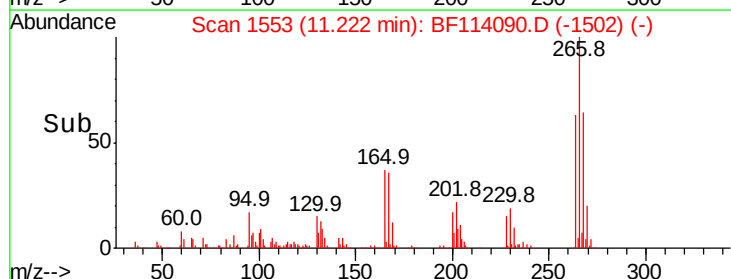
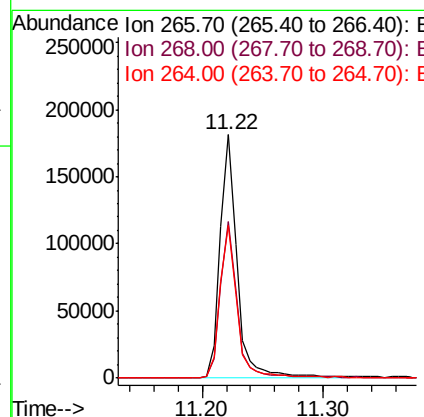
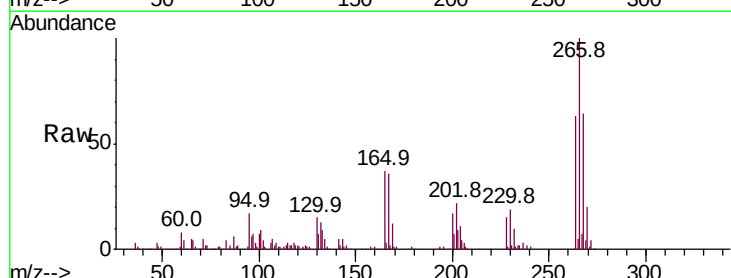
Manual Integrations
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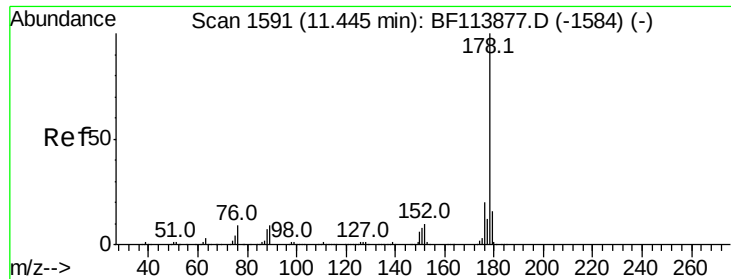
Sohil
5/3/2019 4:33:05 PM



#70
Pentachlorophenol
Concen: 73.950 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	53.5	80.3
264	62.6	51.0	76.6





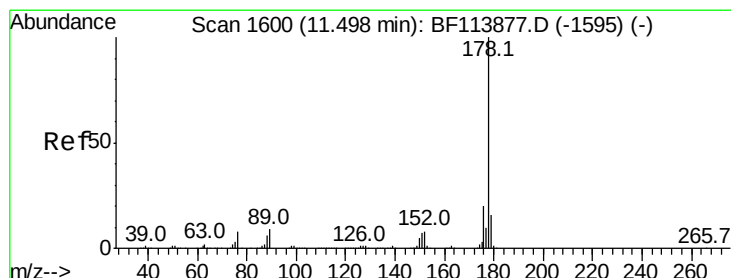
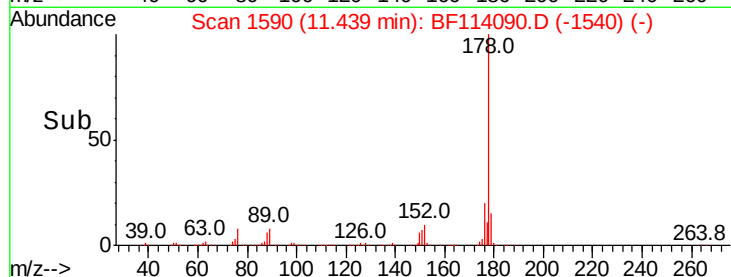
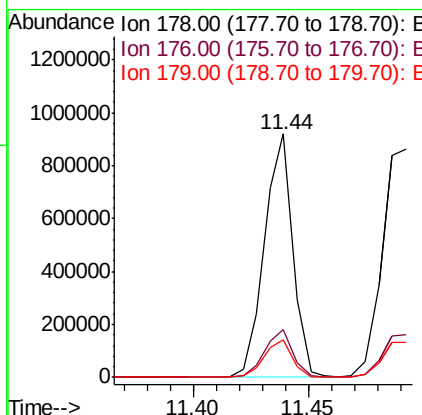
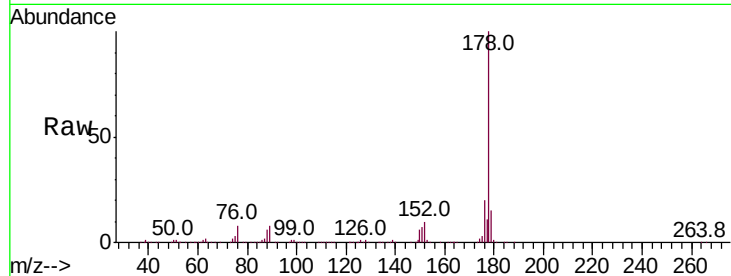
#71
Phenanthrene
Concen: 49.317 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.5	12.8	19.2

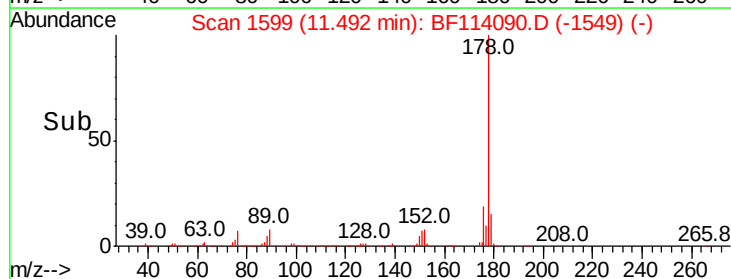
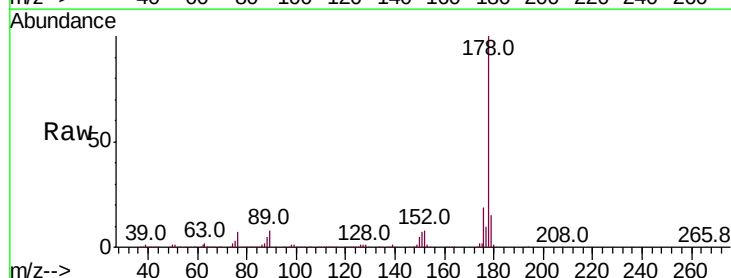
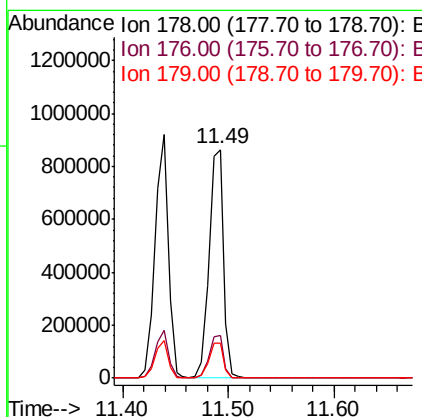
Manual Integrations
APPROVED

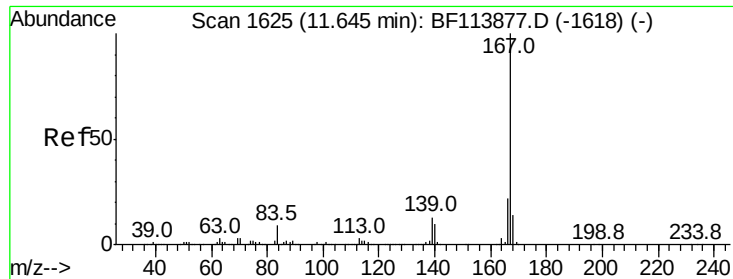
Sohil
5/3/2019 4:33:05 PM



#72
Anthracene
Concen: 51.867 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.2	13.0	19.4





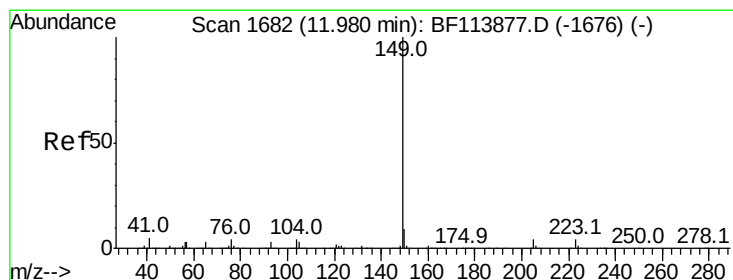
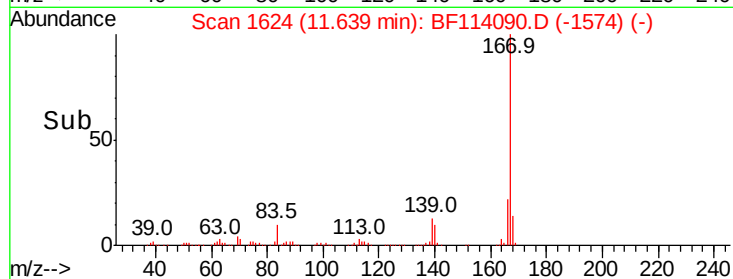
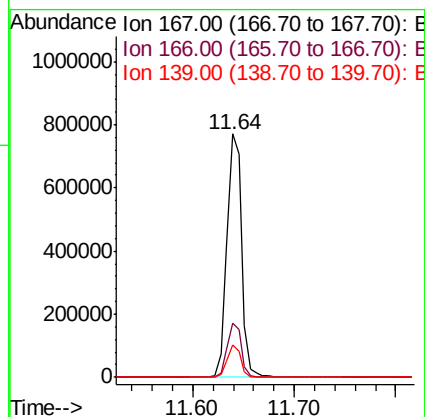
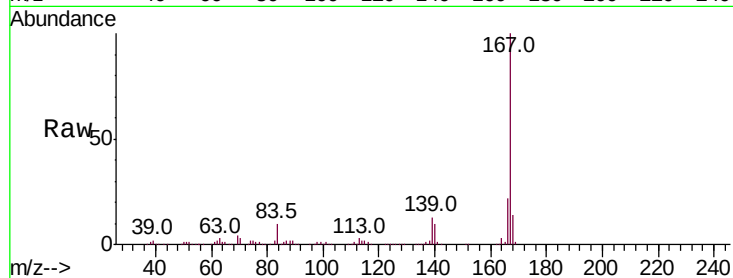
#73
 Carbazole
 Concen: 54.008 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.2	10.0	15.0

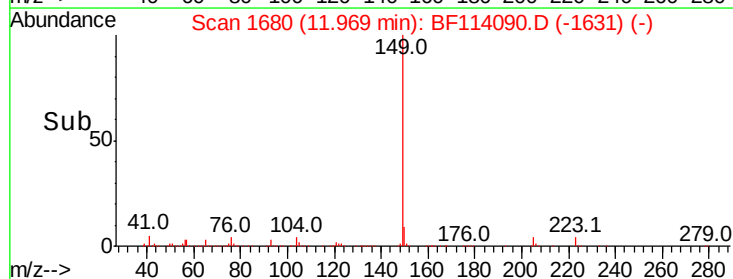
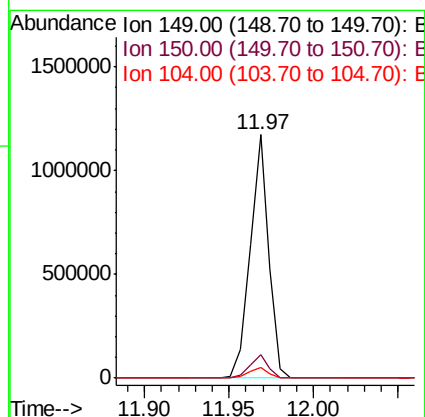
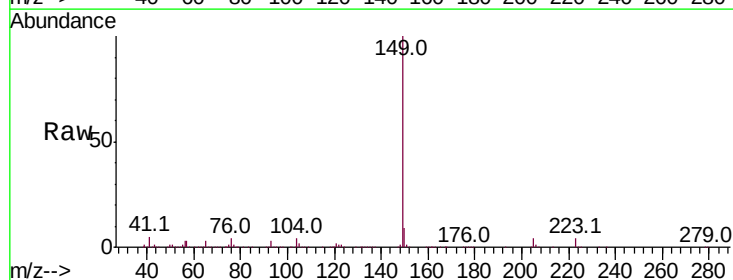
Manual Integrations
 APPROVED

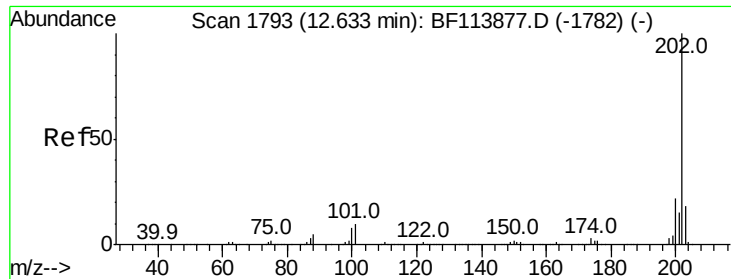
Sohil
 5/3/2019 4:33:05 PM



#74
 Di-n-butylphthalate
 Concen: 53.405 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.5	3.8	5.8





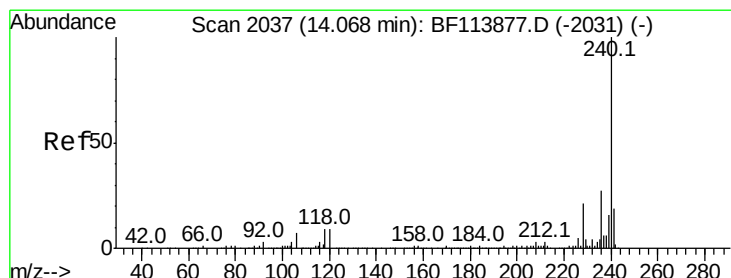
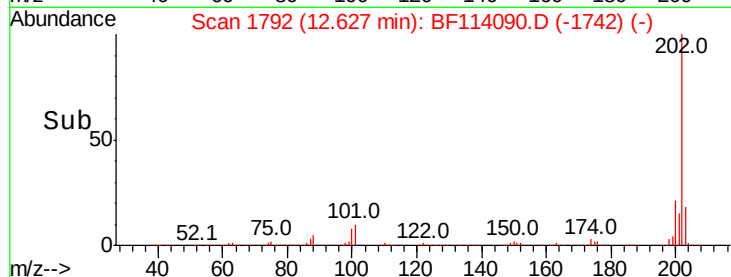
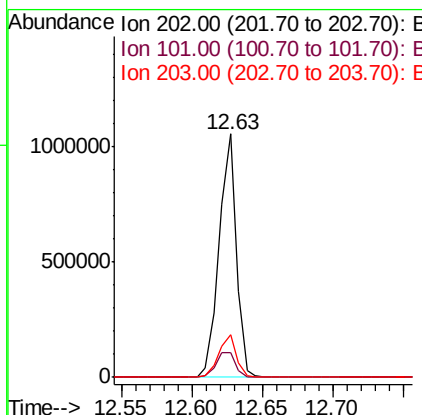
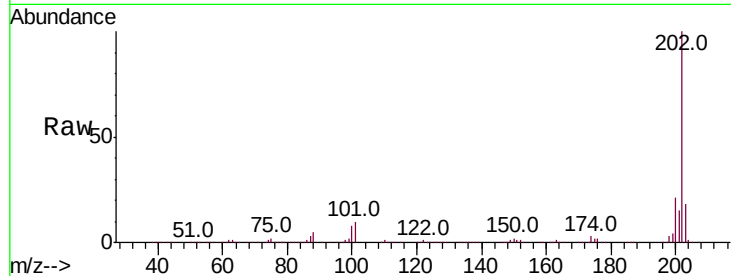
#75
 Fluoranthene
 Concen: 51.730 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampled :
 DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	898609		
101	10.2	0.0	32.9	
203	17.6	0.0	38.2	

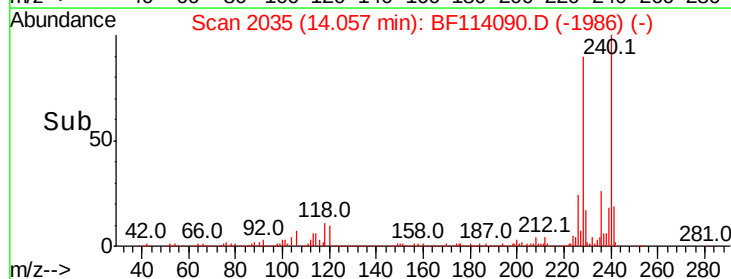
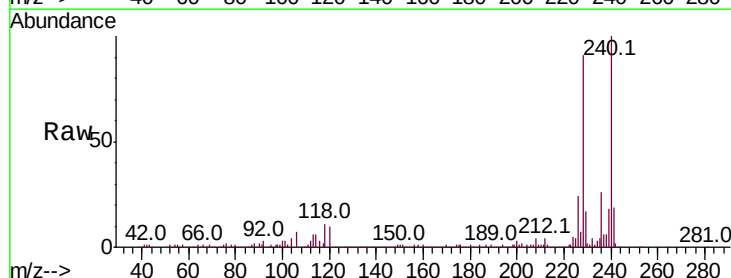
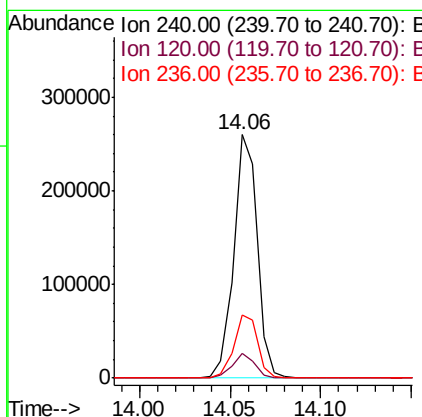
Manual Integrations
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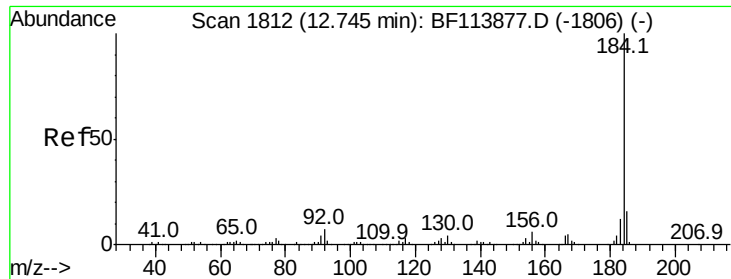
Sohil
 5/3/2019 4:33:05 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	234709		
120	10.3	9.3	13.9	
236	26.1	21.2	31.8	





#77

Benzidine

Concen: 39.058 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

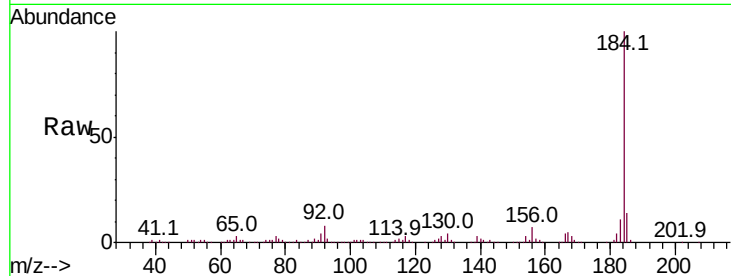
ClientSampleId :

DRUM-1-4MSD

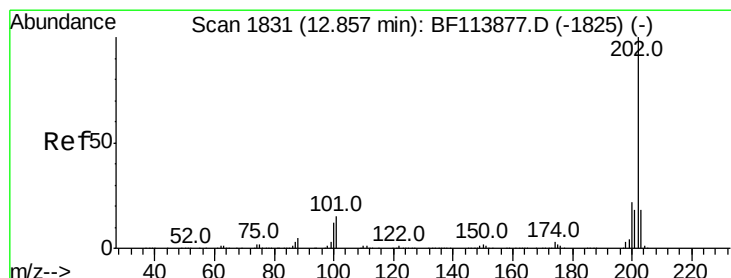
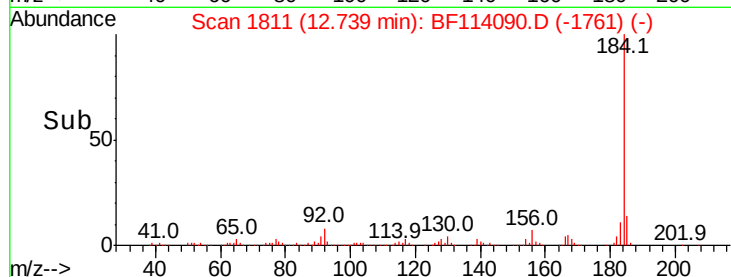
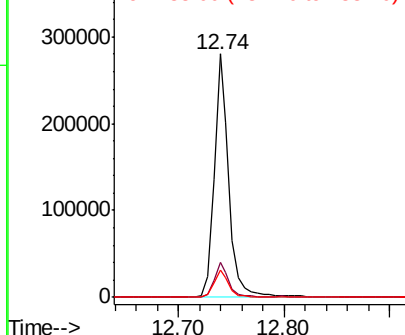
Tot Ion:	184	Resp:	273141
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.6
183	11.3	9.4	14.0

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Sohil
5/3/2019 4:33:05 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.712 ng

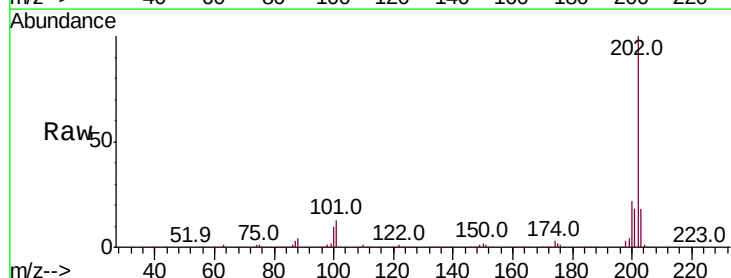
RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

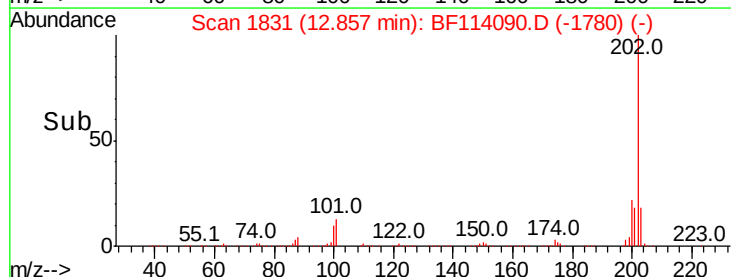
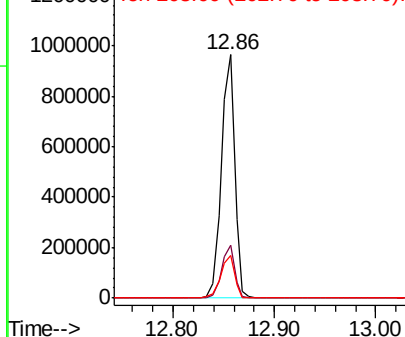
Lab File: BF114090.D

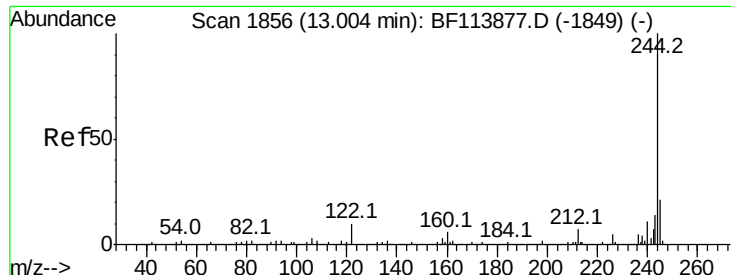
Acq: 2 May 2019 17:51

Tgt Ion:	202	Resp:	881600
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	17.7	15.0	22.6



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





#79

Terphenyl-d14

Concen: 108.553 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4MSD

Tot Ion:244 Resp: 1242772

Ion Ratio Lower Upper

244 100

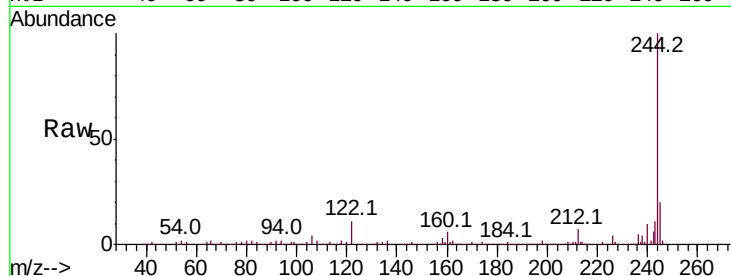
212 6.8 5.4 8.2

122 11.1 7.6 11.4

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Sohil

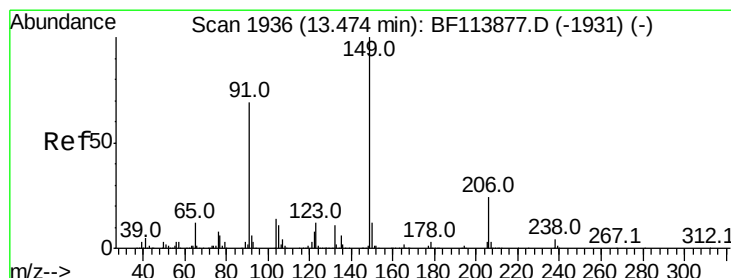
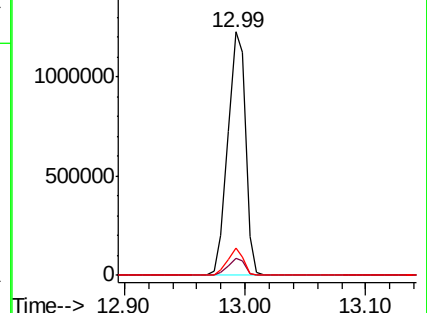
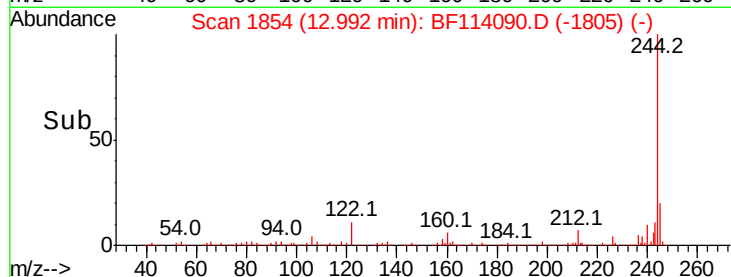
5/3/2019 4:33:05 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 58.462 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

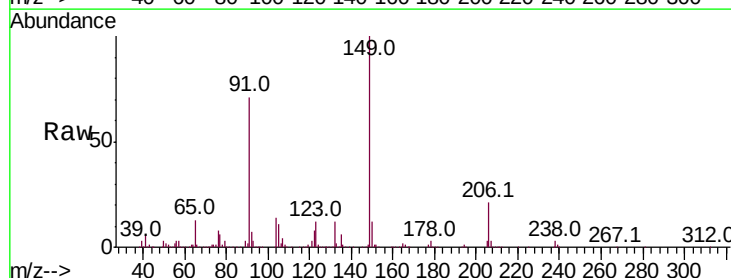
Tgt Ion:149 Resp: 377537

Ion Ratio Lower Upper

149 100

91 71.0 56.3 84.5

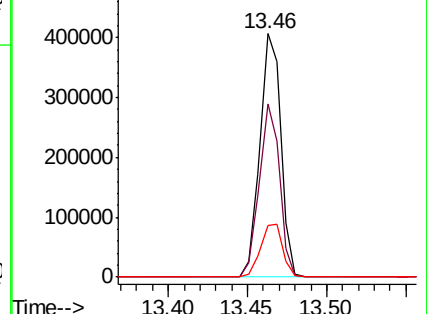
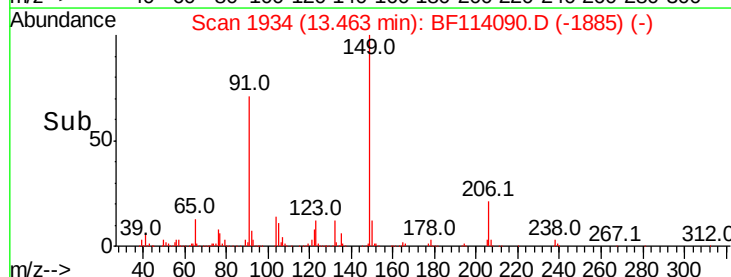
206 21.0 19.0 28.6

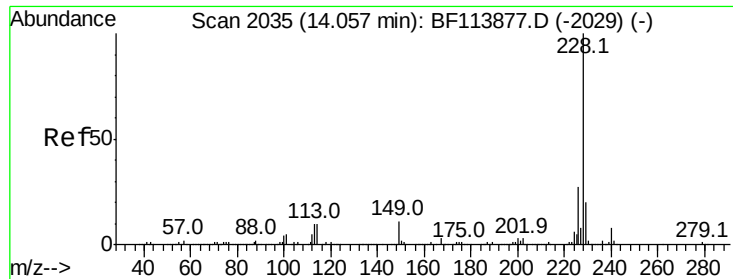


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





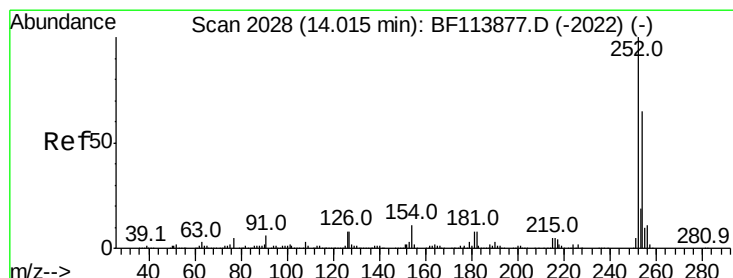
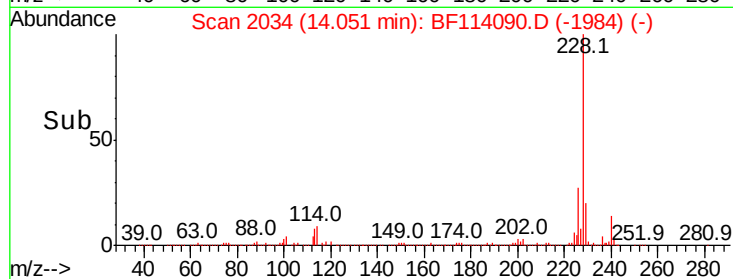
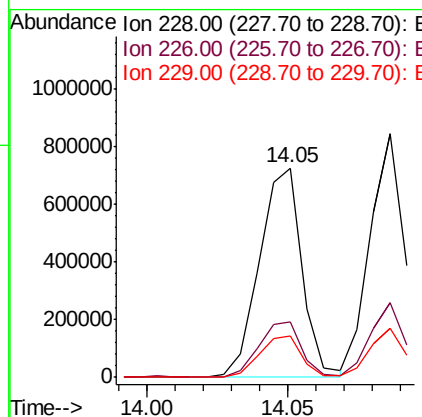
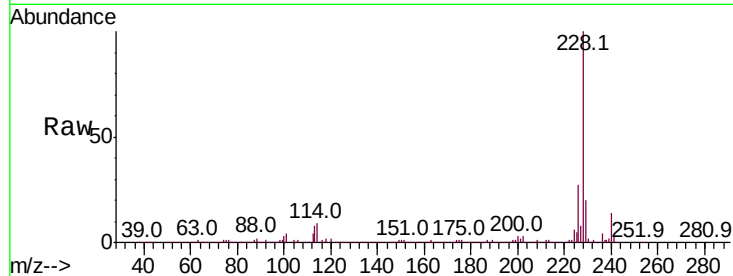
#81
Benzo(a)anthracene
Concen: 54.712 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	756596		
226	26.6		22.2	33.2
229	19.9		16.0	24.0

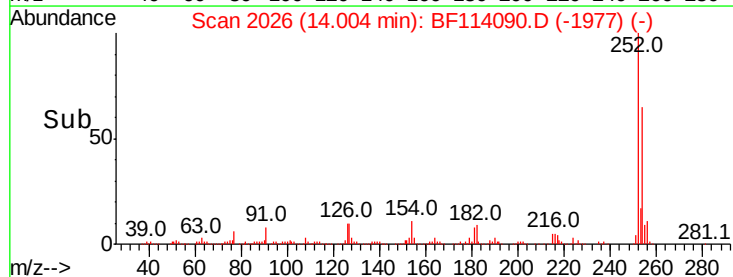
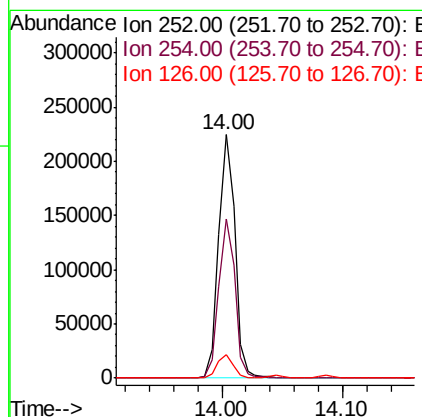
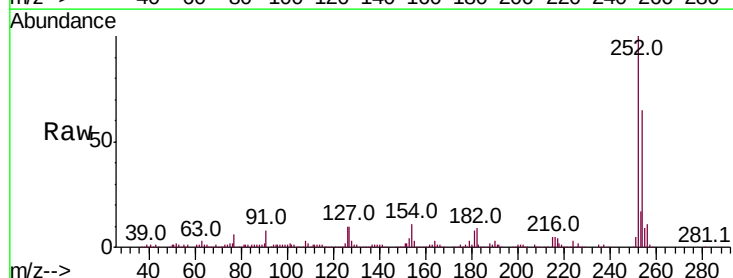
Manual Integrations
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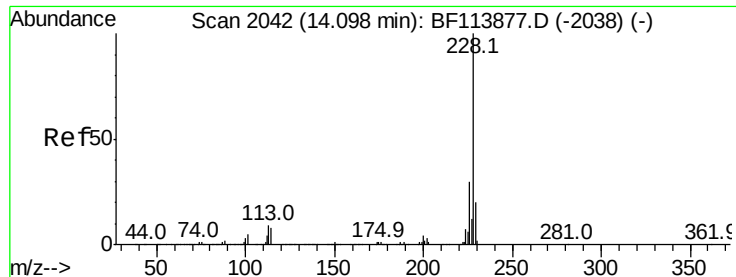
Sohil
5/3/2019 4:33:05 PM



#82
3,3'-Dichlorobenzidine
Concen: 41.233 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	208994		
254	65.1		52.1	78.1
126	9.9		9.3	13.9





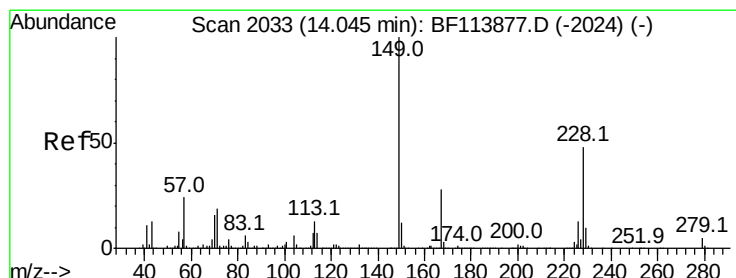
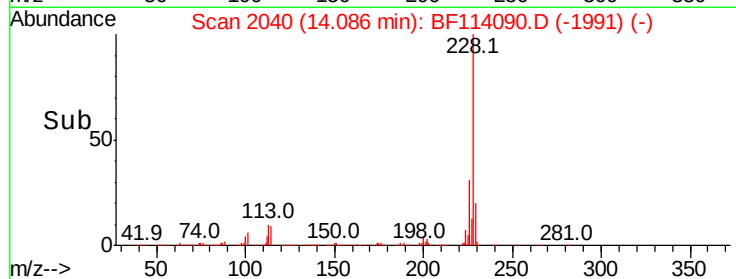
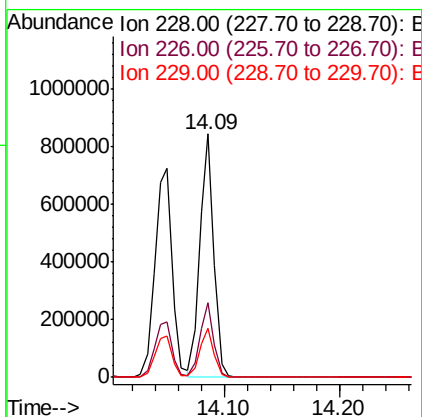
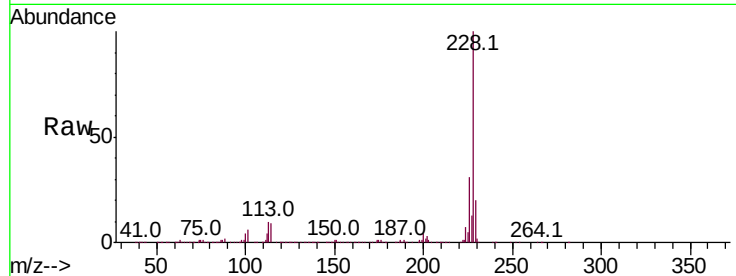
#83
 Chrysene
 Concen: 53.347 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	20.1	16.7	25.1

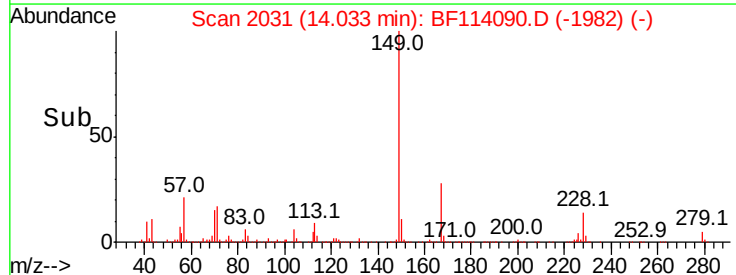
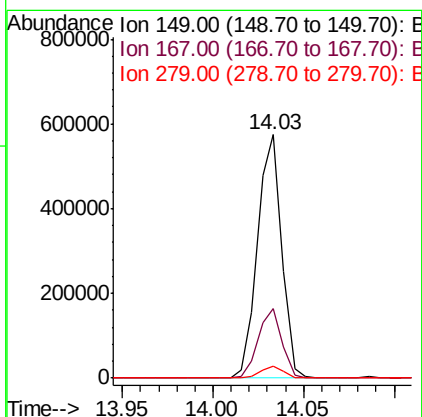
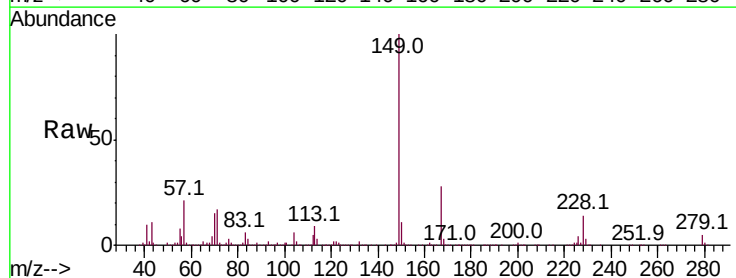
Manual Integrations
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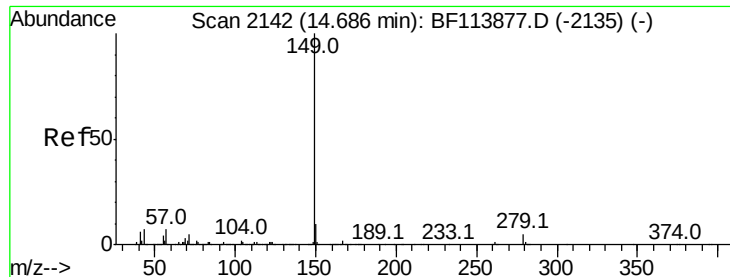
Sohil
 5/3/2019 4:33:05 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 64.763 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF114090.D
 Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.8	4.2	6.2





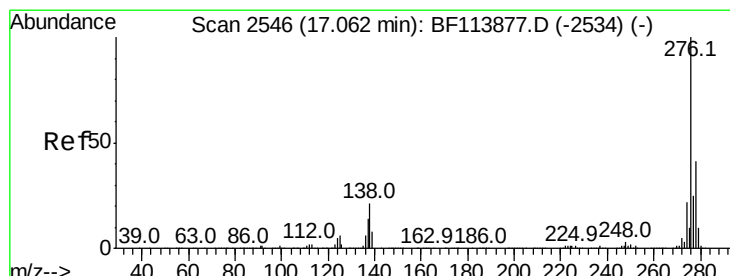
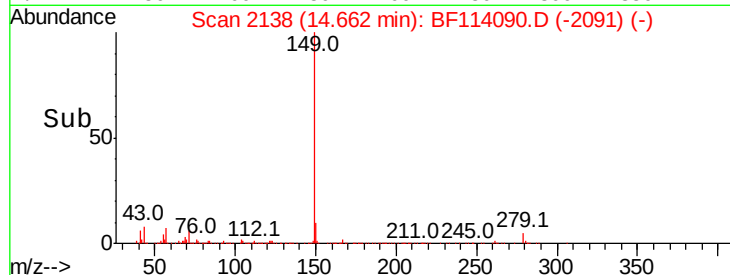
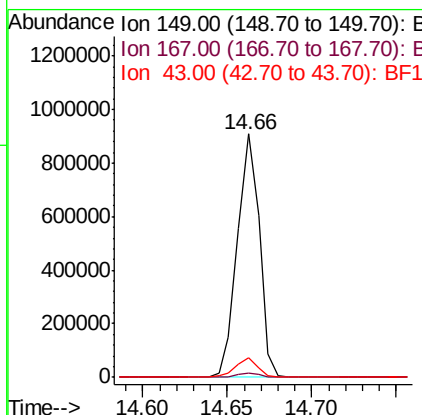
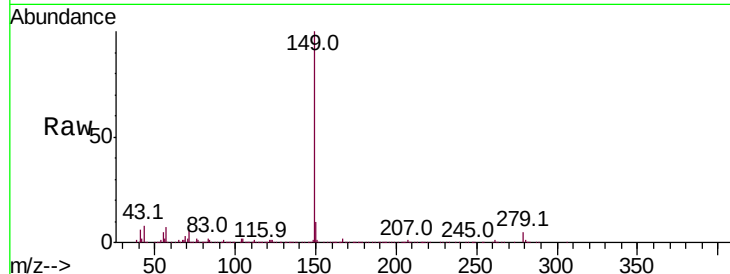
#85
Di-n-octyl phthalate
Concen: 63.999 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion:	149	Resp:	823073
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.5	6.6	10.0

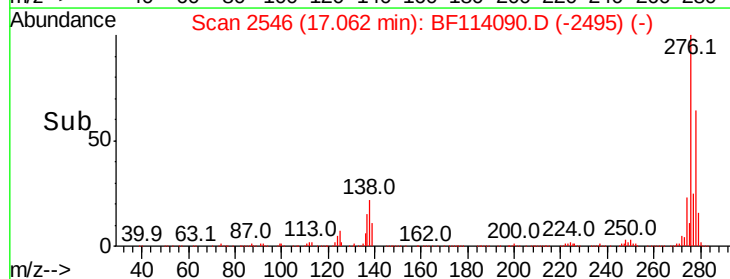
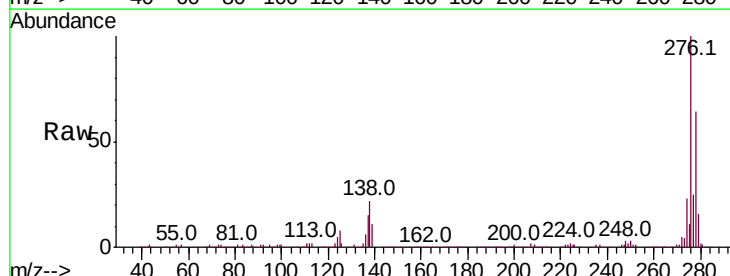
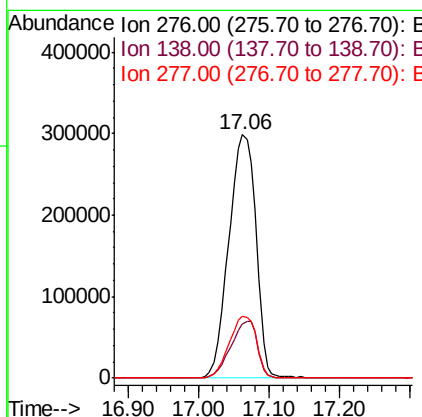
Manual Integrations
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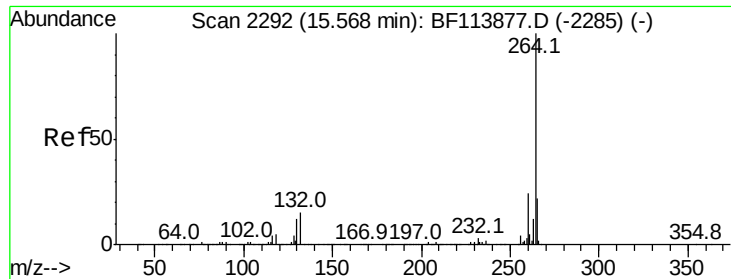
Sohil
5/3/2019 4:33:05 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 62.750 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion:	276	Resp:	800510
Ion Ratio	Lower	Upper	
276	100		
138	22.8	19.6	29.4
277	25.5	20.2	30.4





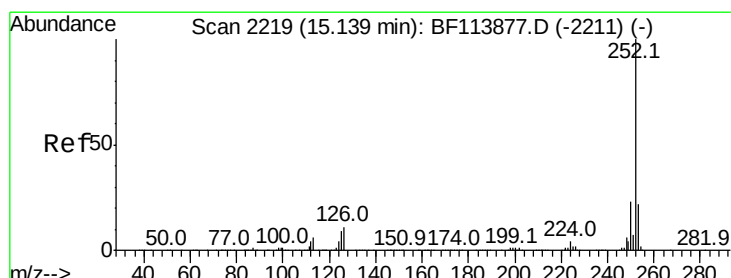
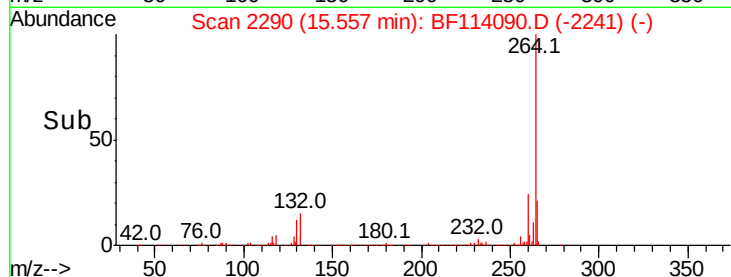
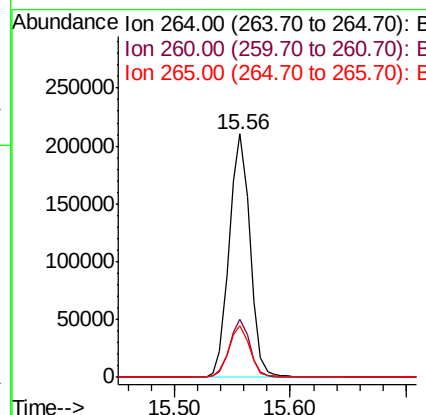
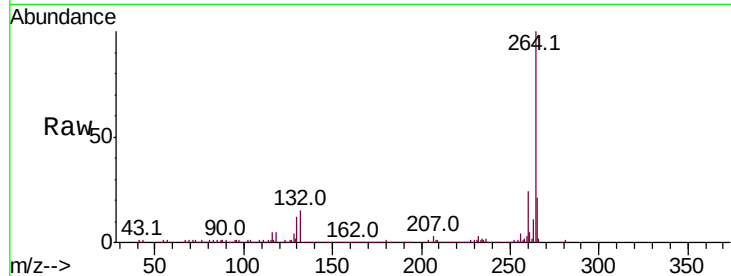
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	17.3	25.9

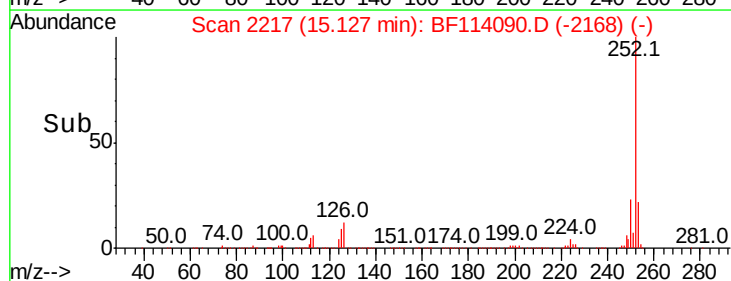
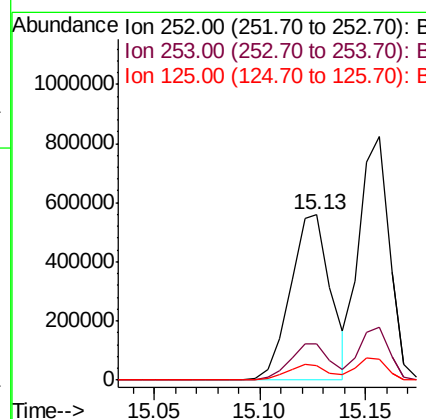
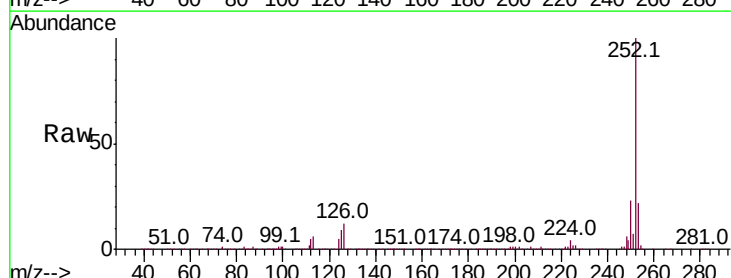
Manual Integrations
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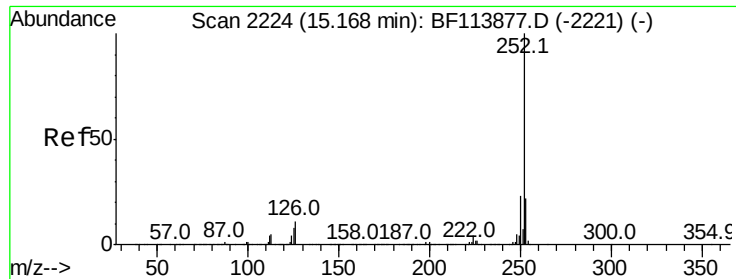
Sohil
5/3/2019 4:33:05 PM



#88
Benzo(b)fluoranthene
Concen: 44.472 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.8	7.0	10.6





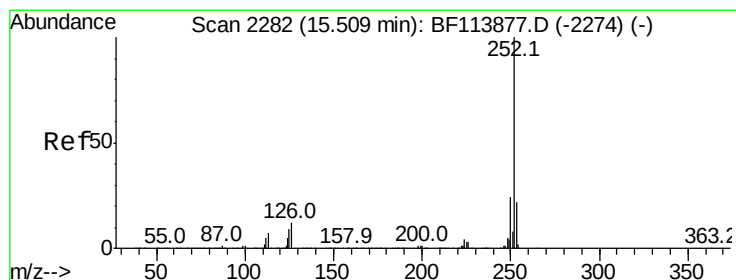
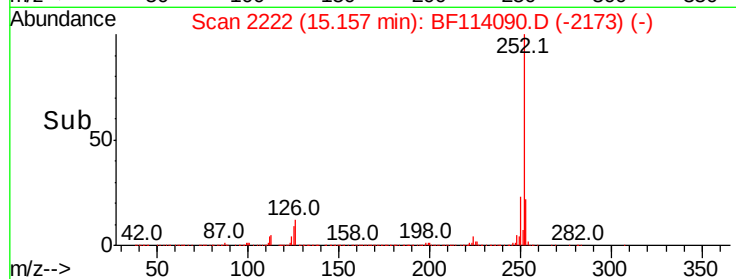
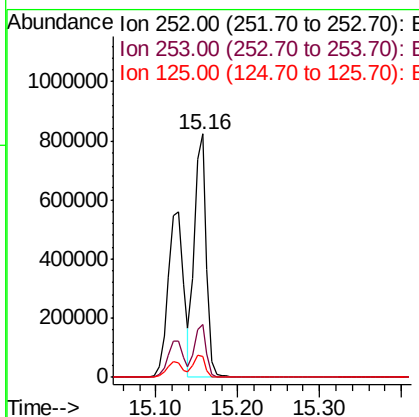
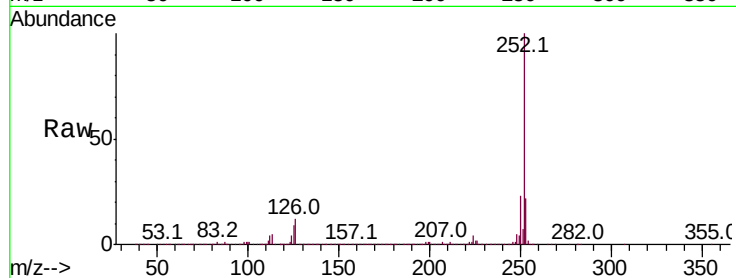
#89
Benzo(k)fluoranthene
Concen: 57.662 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	8.7	7.4	11.2

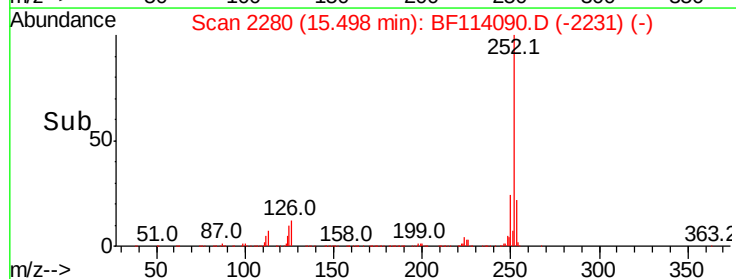
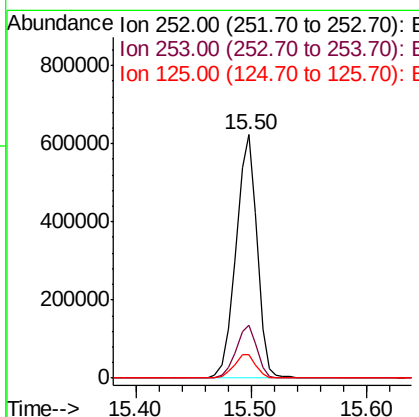
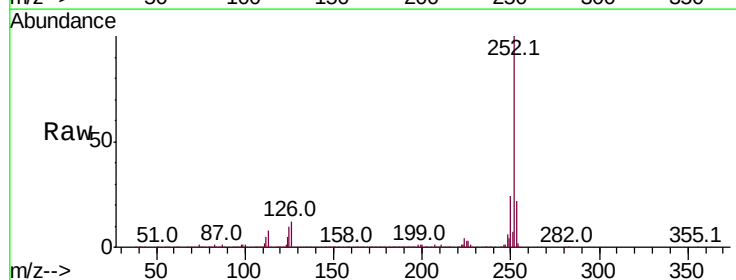
Manual Integrations
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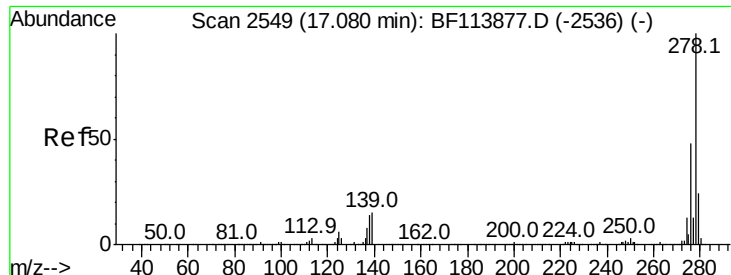
Sohil
5/3/2019 4:33:05 PM



#90
Benzo(a)pyrene
Concen: 54.053 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114090.D
Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.8	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 49.199 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Instrument :

BNA_F

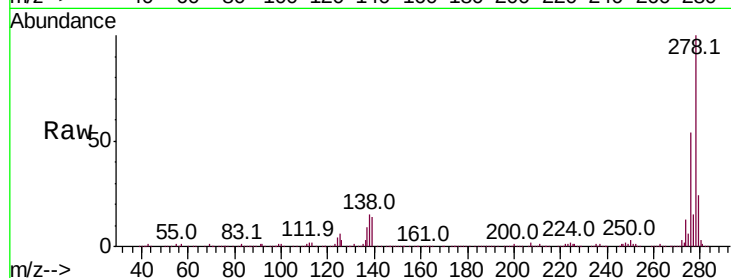
ClientSampleId :

DRUM-1-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	24.2	19.0	28.6

Manual Integrations
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Sohil
5/3/2019 4:33:05 PM

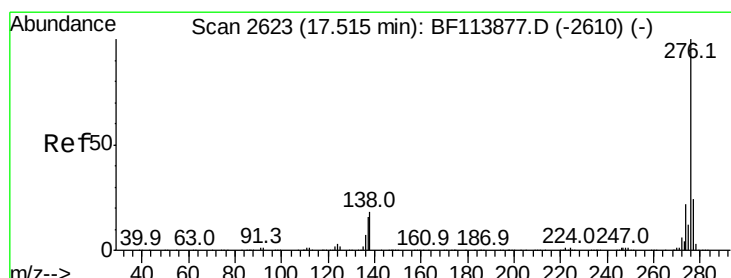
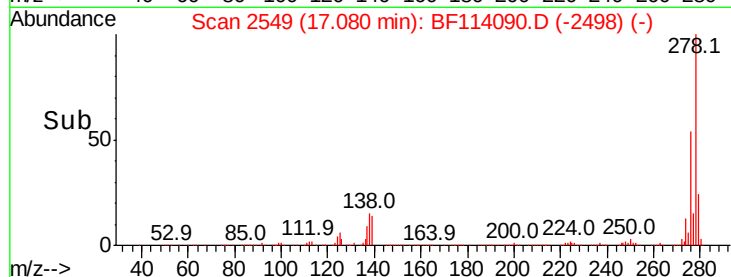
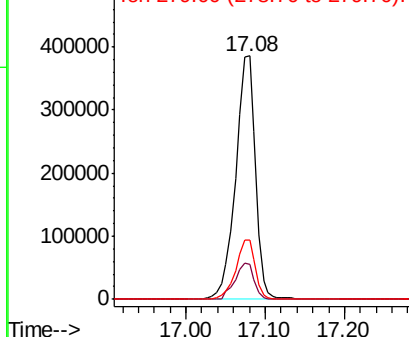


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.726 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF114090.D

Acq: 2 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	20.1	16.6	25.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

