

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112036.D
 Acq On : 12 Jan 2019 1:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:10:46 PM

Quant Time: Jan 12 02:44:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	98188	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	321058	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	144210	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	274554	20.00	ng	0.00
76) Chrysene-d12	14.04	240	214959	20.00	ng	0.00
87) Perylene-d12	15.52	264	154370	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	467738	81.50	ng	0.00
7) Phenol-d6	6.52	99	560980	75.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	506116	84.25	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	146599	78.16	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	903096	91.32	ng	0.00
79) Terphenyl-d14	12.99	244	1034444	91.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	109784	43.747	ng	94
3) Pyridine	3.38	79	326002	50.120	ng	99
4) n-Nitrosodimethylamine	3.32	42	159162	49.182	ng	100
6) Aniline	6.54	93	331611	37.075	ng	# 79
8) 2-Chlorophenol	6.67	128	252283	39.587	ng	93
9) Benzaldehyde	6.42	77	161772	38.944	ng	98
10) Phenol	6.53	94	301414	37.490	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	235132	37.804	ng	98
12) 1,3-Dichlorobenzene	6.82	146	293624	39.744	ng	97
13) 1,4-Dichlorobenzene	6.89	146	295244	39.381	ng	98
14) 1,2-Dichlorobenzene	7.05	146	273077	38.105	ng	98
15) Benzyl Alcohol	7.02	79	211287	36.100	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	362572	34.190	ng	96
17) 2-Methylphenol	7.13	107	186820	36.474	ng	98
18) Hexachloroethane	7.39	117	72195	27.581	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	169882	35.346	ng	97
20) 3+4-Methylphenols	7.29	107	241384	37.867	ng	98
22) Acetophenone	7.28	105	341272	41.986	ng	# 95
24) Nitrobenzene	7.46	77	253151	41.658	ng	100
25) Isophorone	7.69	82	380225	39.087	ng	100
26) 2-Nitrophenol	7.77	139	110084	36.791	ng	95
27) 2,4-Dimethylphenol	7.82	122	178203	41.191	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	268035	41.280	ng	99
29) 2,4-Dichlorophenol	8.02	162	194466	39.091	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	223605	40.744	ng	97
31) Naphthalene	8.18	128	619792	40.667	ng	100
32) Benzoic acid	7.92	122	69469m	24.744	ng	
33) 4-Chloroaniline	8.23	127	263691	40.024	ng	99
34) Hexachlorobutadiene	8.30	225	143072	41.877	ng	99
35) Caprolactam	8.59	113	61619	37.911	ng	92
36) 4-Chloro-3-methylphenol	8.72	107	185050	37.412	ng	96
37) 2-Methylnaphthalene	8.87	142	387900	41.074	ng	99
38) 1-Methylnaphthalene	8.97	142	377321	41.656	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	209672	45.606	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
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Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

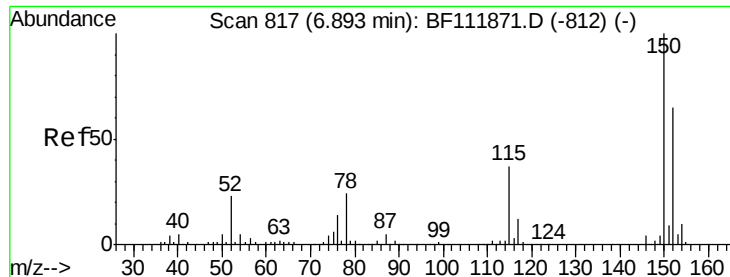
Manual Integrations
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Quant Time: Jan 12 02:44:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1401	0.527	nq	81
43) 2,4,6-Trichlorophenol	9.15	196	127677	40.944	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	133031	40.718	nq	98
46) 1,1'-Biphenyl	9.33	154	529097	43.861	nq	98
47) 2-Chloronaphthalene	9.36	162	405534	42.835	nq	99
48) 2-Nitroaniline	9.45	65	127238	43.958	nq	98
49) Acenaphthylene	9.77	152	592415	42.325	nq	98
50) Dimethylphthalate	9.63	163	471611	43.534	nq	100
51) 2,6-Dinitrotoluene	9.69	165	95303	39.340	nq	97
52) Acenaphthene	9.95	154	348415	38.612	nq	99
53) 3-Nitroaniline	9.86	138	116292	44.826	nq	99
54) 2,4-Dinitrophenol	9.97	184	2713	2.645	nq	# 76
55) Dibenzofuran	10.12	168	544181	41.468	nq	99
56) 4-Nitrophenol	10.04	139	66986	36.543	nq	95
57) 2,4-Dinitrotoluene	10.10	165	115415	36.871	nq	99
58) Fluorene	10.46	166	394375	41.301	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	102804	37.346	nq	97
60) Diethylphthalate	10.33	149	454440	43.347	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	222774	41.604	nq	99
62) 4-Nitroaniline	10.47	138	118622	48.207	nq	97
63) Azobenzene	10.61	77	411565	41.095	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	5816	3.433	nq	87
66) n-Nitrosodiphenylamine	10.57	169	379392	41.178	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	139592	39.254	nq	97
68) Hexachlorobenzene	11.02	284	152449	38.682	nq	95
69) Atrazine	11.09	200	121158	37.428	nq	95
70) Pentachlorophenol	11.21	266	79051	35.249	nq	99
71) Phenanthrene	11.43	178	601240	40.959	nq	100
72) Anthracene	11.47	178	612002	41.071	nq	99
73) Carbazole	11.63	167	599759	41.378	nq	98
74) Di-n-butylphthalate	11.96	149	707469	42.020	nq	99
75) Fluoranthene	12.62	202	643518	42.704	nq	98
77) Benzidine	12.73	184	330870	51.513	nq	97
78) Pyrene	12.85	202	656664	44.398	nq	99
80) Butylbenzylphthalate	13.45	149	303573	48.549	nq	96
81) Benzo(a)anthracene	14.03	228	497349	40.202	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	220367	48.250	nq	98
83) Chrysene	14.07	228	474684	40.242	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	416622	50.734	nq	# 99
85) Di-n-octyl phthalate	14.62	149	589133	50.131	nq	98
86) Indeno(1,2,3-cd)pyrene	17.02	276	345474	40.174	nq	98
88) Benzo(b)fluoranthene	15.09	252	375608	40.675	nq	98
89) Benzo(k)fluoranthene	15.12	252	345992	39.860	nq	99
90) Benzo(a)pyrene	15.46	252	326869	40.258	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	292501	44.790	nq	98
92) Benzo(g,h,i)perylene	17.46	276	277042	43.374	nq	100

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



#1

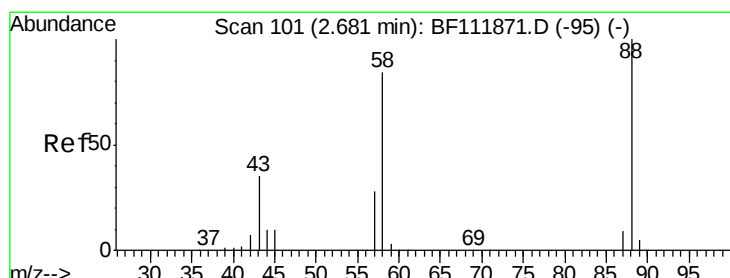
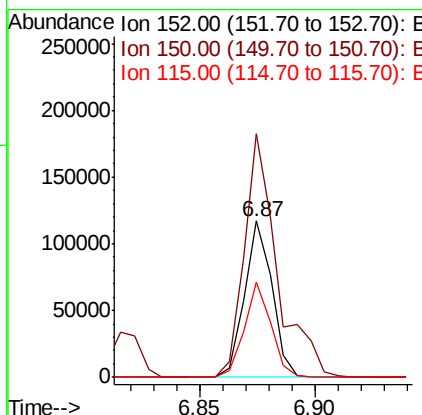
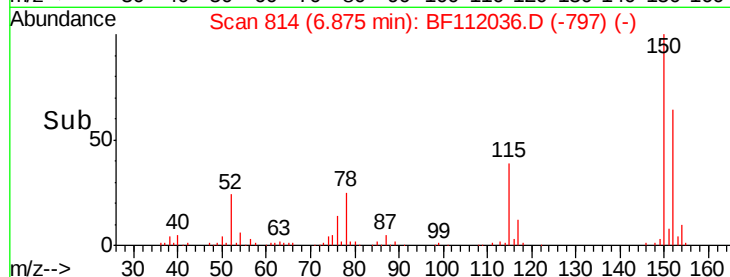
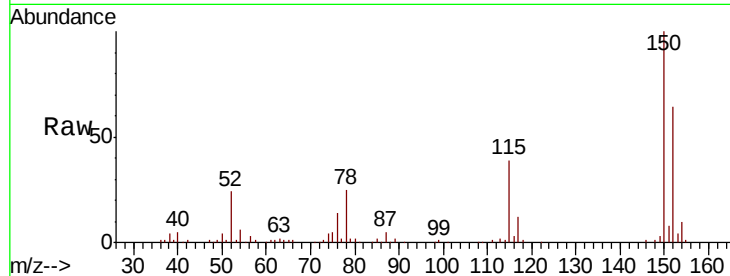
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	61.0	45.2	67.8

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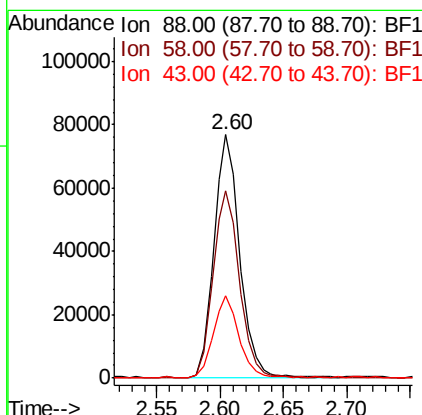
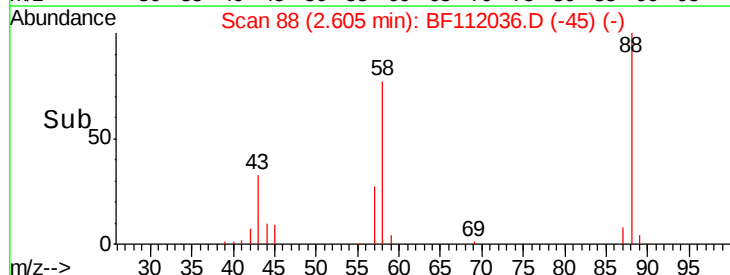
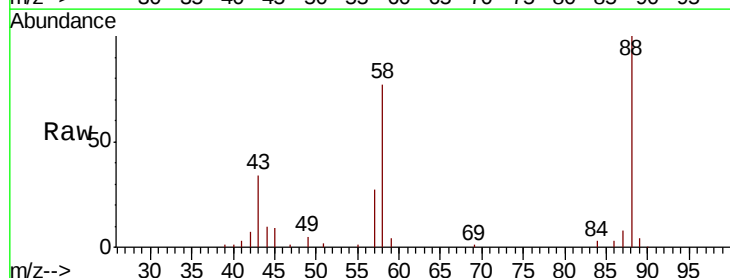
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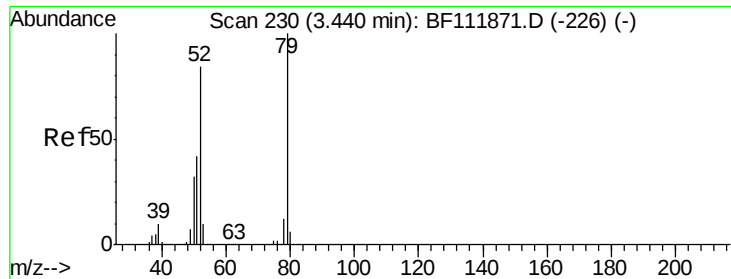


#2

1,4-Dioxane
Concen: 43.747 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.05 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	67.6	101.4
43	33.6	29.0	43.6





#3

Pvridine

Concen: 50.120 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.04 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

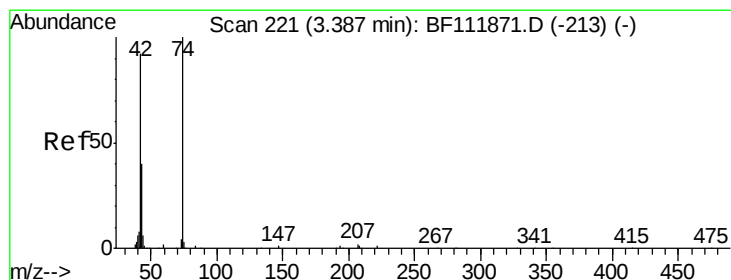
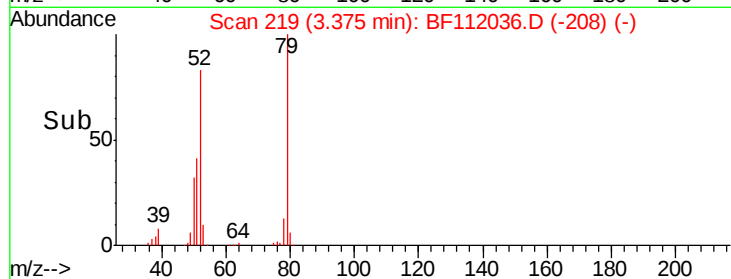
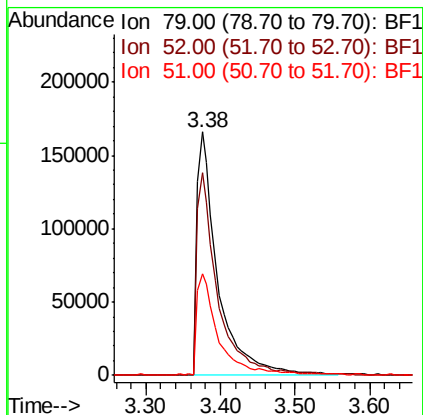
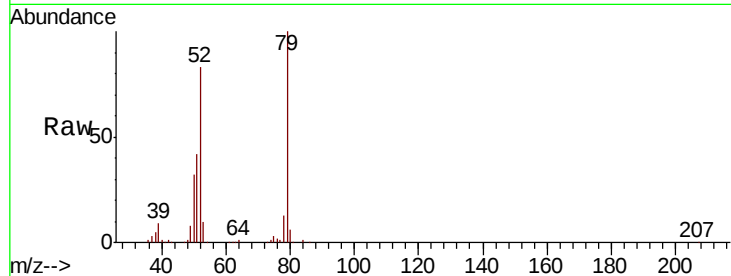
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	326002
Ion Ratio	Lower	Upper	
79	100		
52	83.0	67.0	100.6
51	41.6	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 49.182 ng

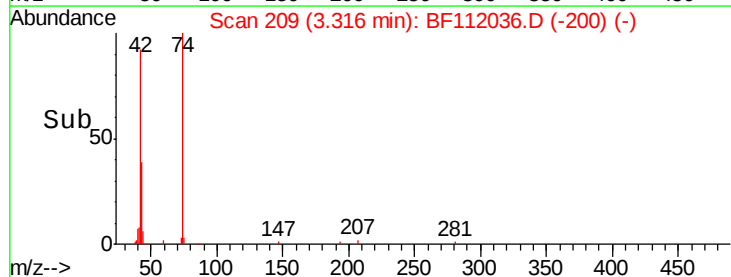
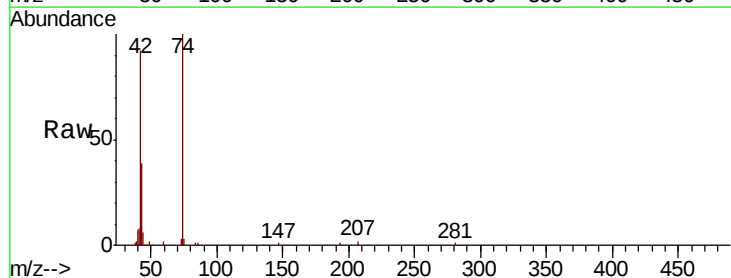
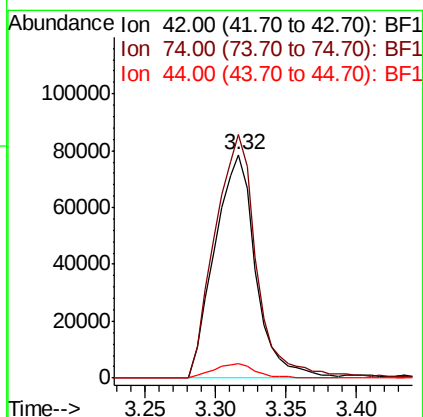
RT: 3.32 min Scan# 209

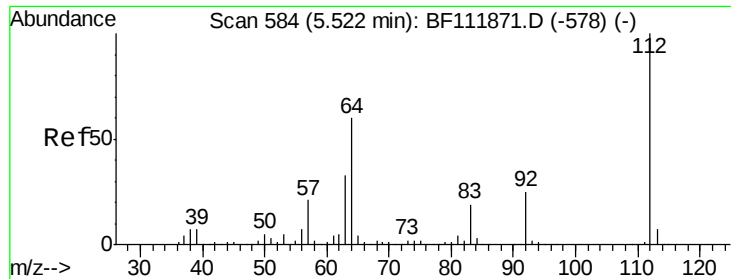
Delta R.T. -0.05 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	42	Resp:	159162
Ion Ratio	Lower	Upper	
42	100		
74	109.1	87.0	130.6
44	6.4	5.5	8.3





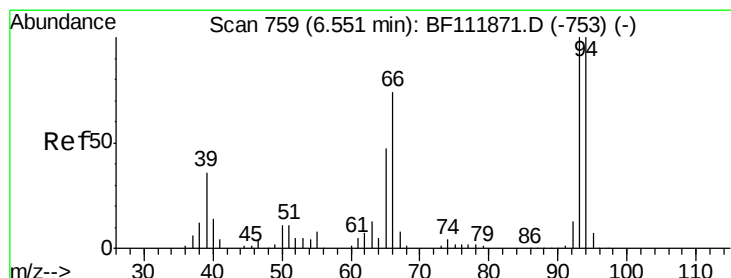
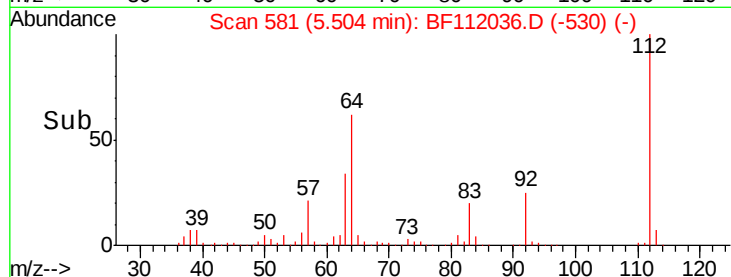
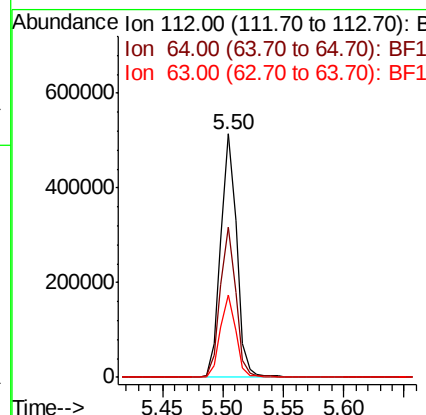
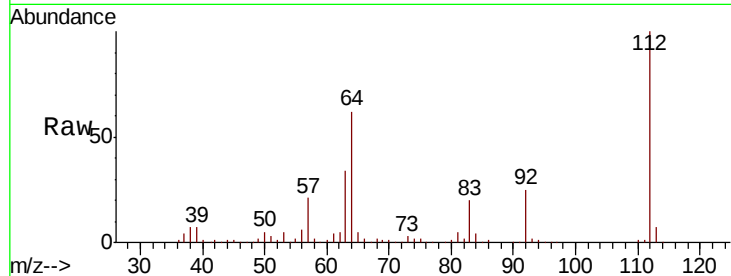
#5
2-Fluorophenol
Concen: 81.498 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.9	48.3	72.5
63	33.8	26.1	39.1

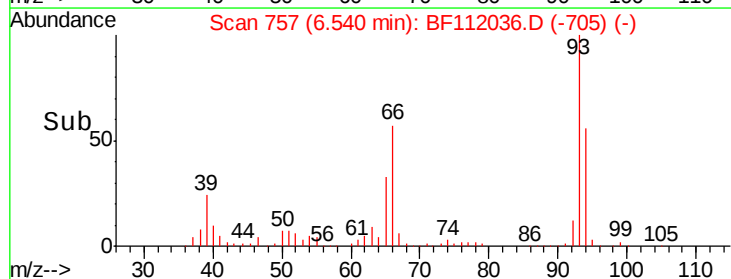
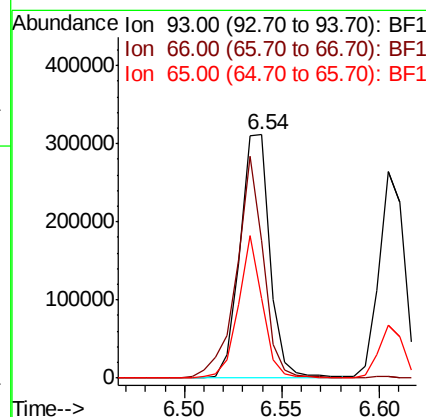
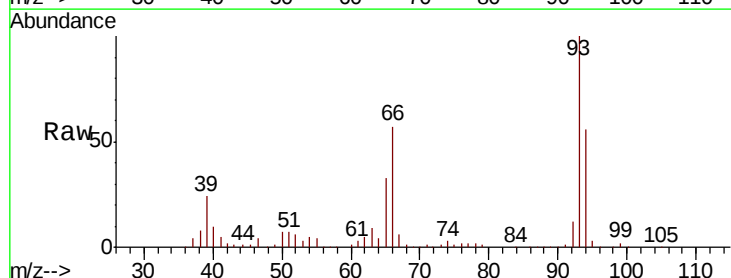
Manual Integrations
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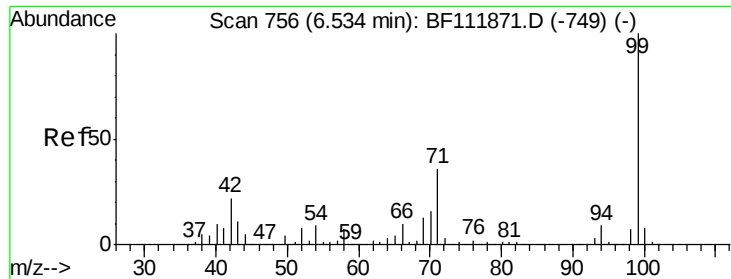
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#6
Aniline
Concen: 37.075 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	56.7	60.0	90.0#
65	32.9	37.5	56.3#





#7

Phenol-d6

Concen: 75.837 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

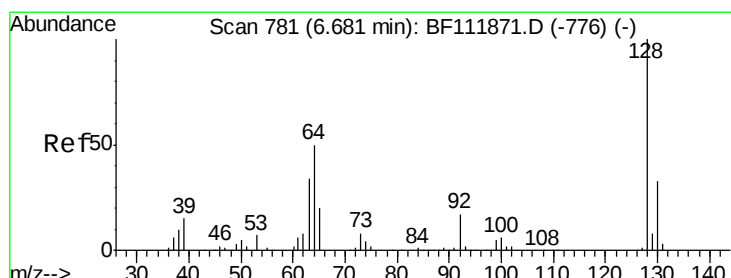
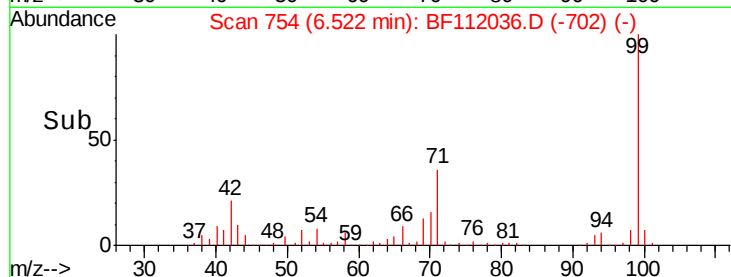
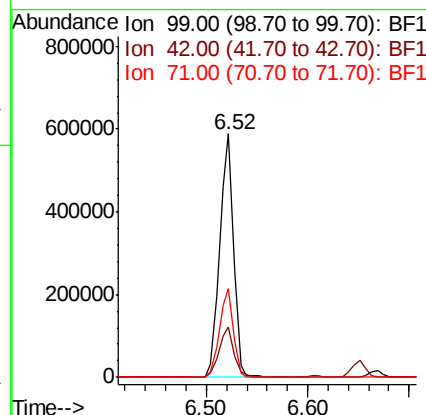
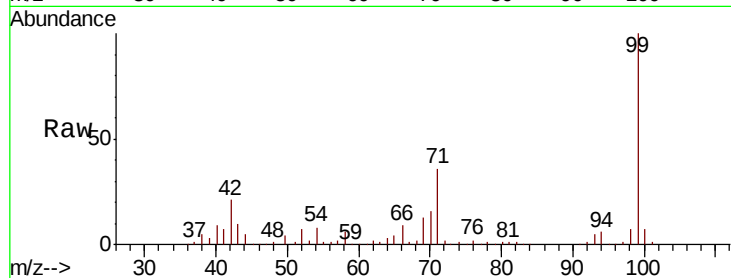
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	560980
Ion Ratio	Lower	Upper	
99	100		
42	20.7	17.9	26.9
71	36.2	28.7	43.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.587 ng

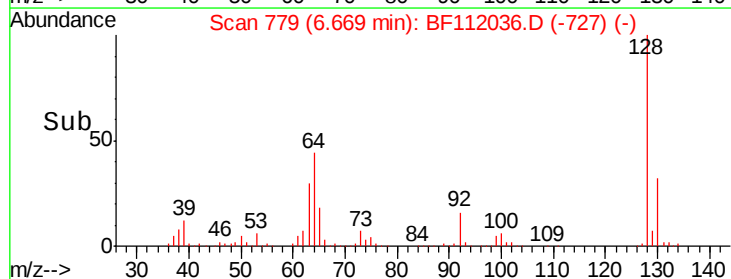
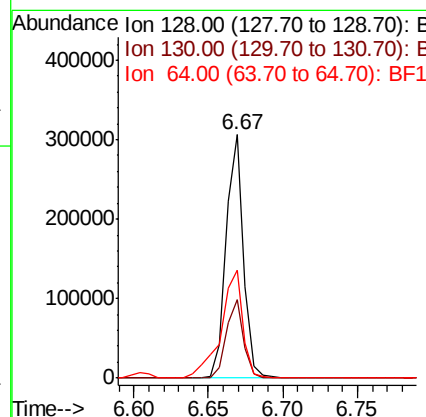
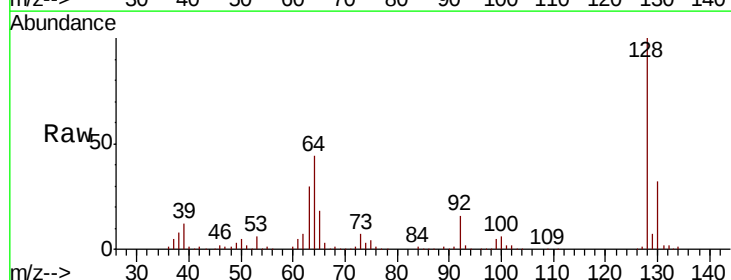
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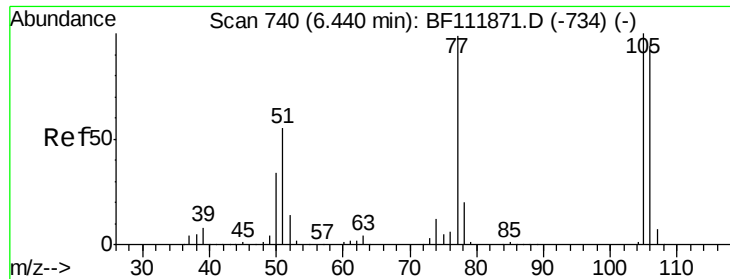
Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	128	Resp:	252283
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.7	52.7
64	44.2	31.8	71.8





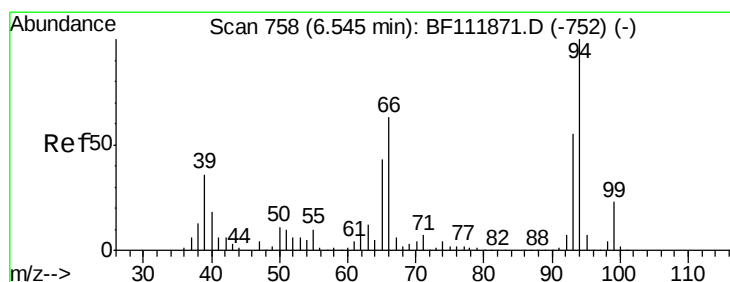
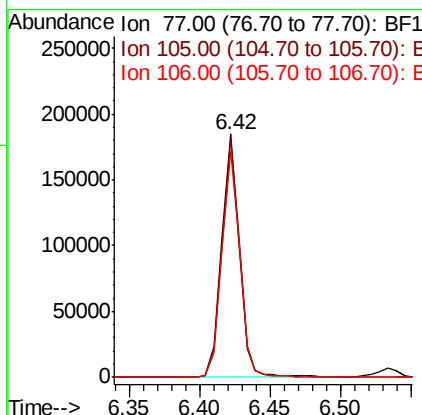
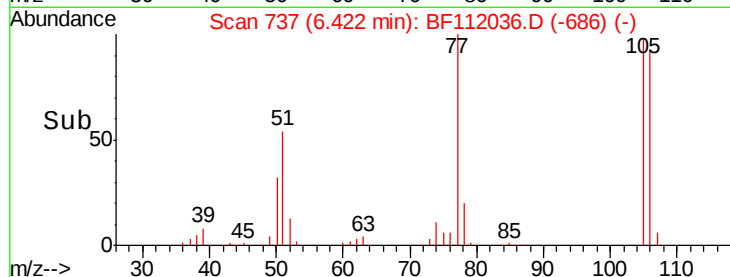
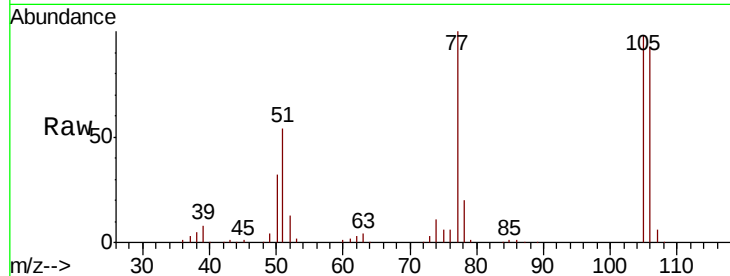
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Benzaldehyde
Concen: 38.944 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.6	120.6
106	92.8	74.6	114.6

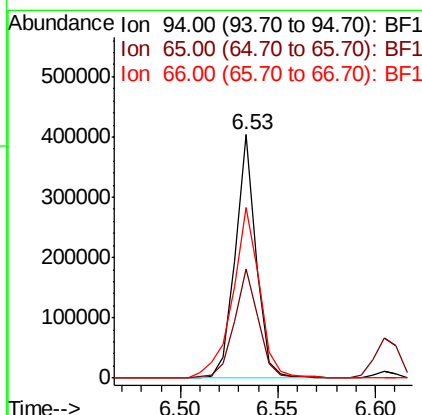
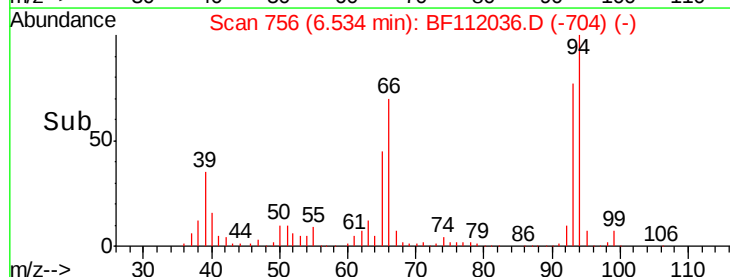
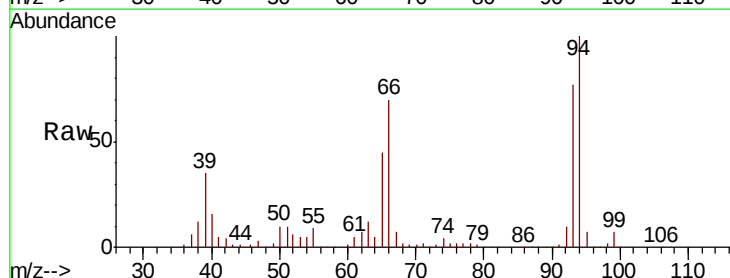
Manual Integrations
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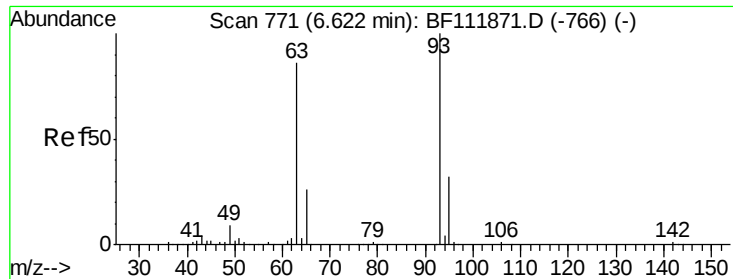
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#10
Phenol
Concen: 37.490 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.1	22.8	62.8
66	70.2	43.3	83.3





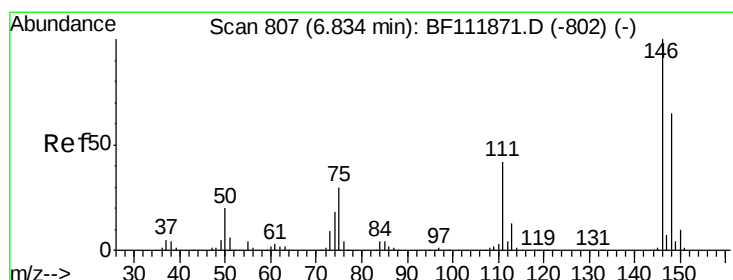
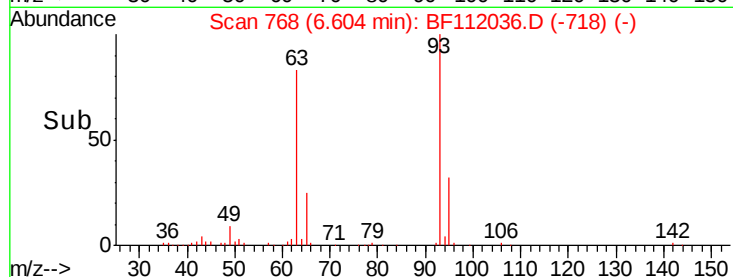
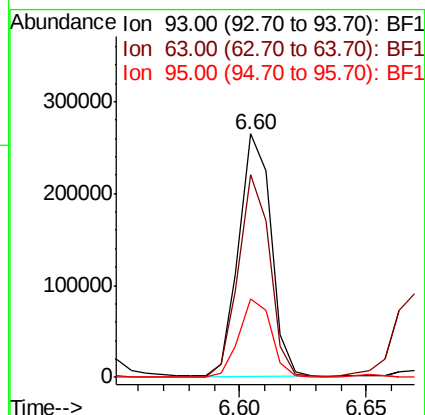
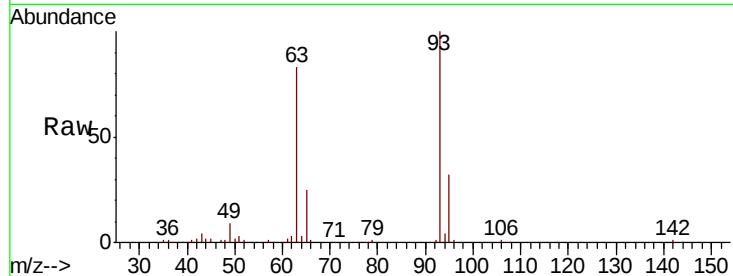
#11
bis(2-Chloroethyl)ether
Concen: 37.804 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.2	65.2	105.2	
95	32.4	11.9	51.9	

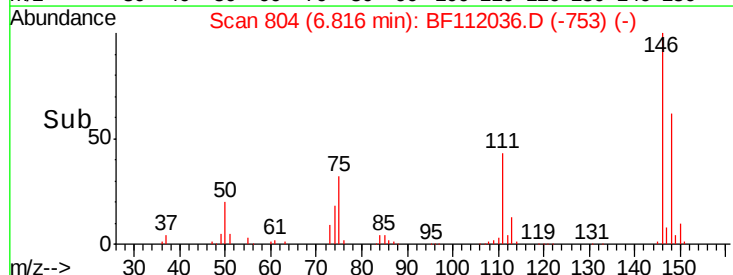
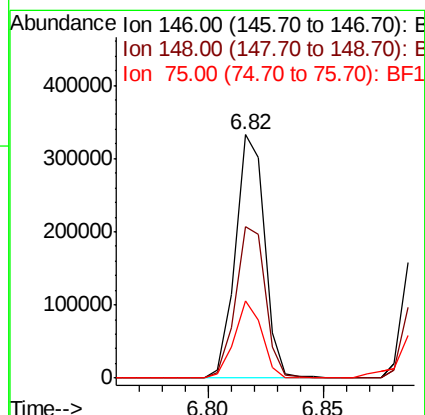
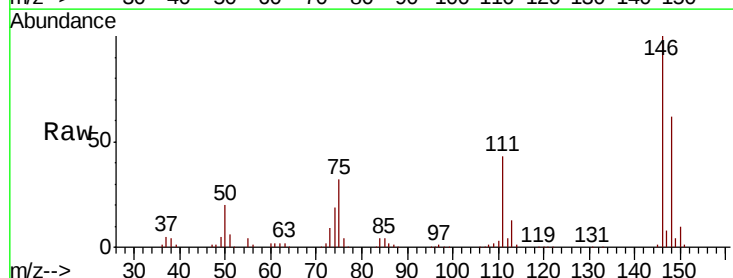
Manual Integrations
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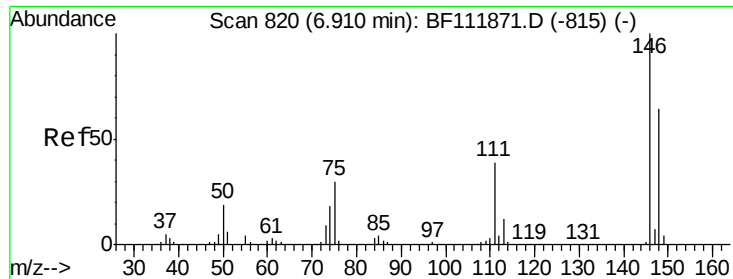
Sohil
1/14/2019 4:10:46 PM



#12
1,3-Dichlorobenzene
Concen: 39.744 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.4	51.8	77.6	
75	31.9	24.3	36.5	





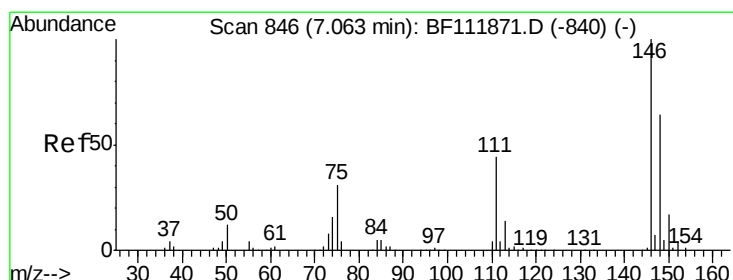
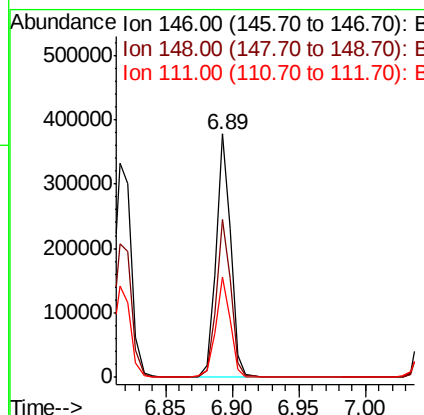
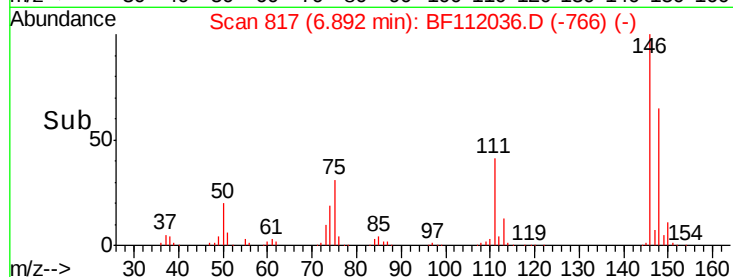
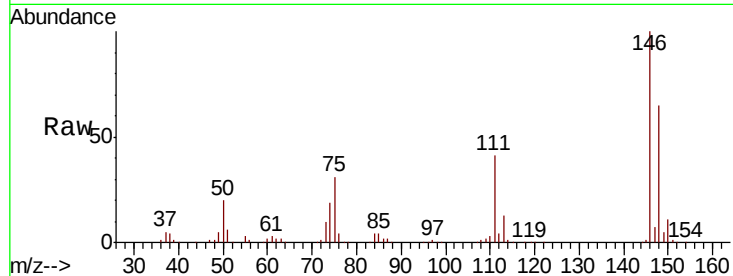
#13
1,4-Dichlorobenzene
Concen: 39.381 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	41.3	31.5	47.3

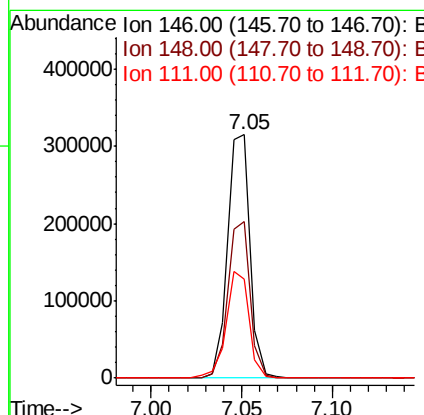
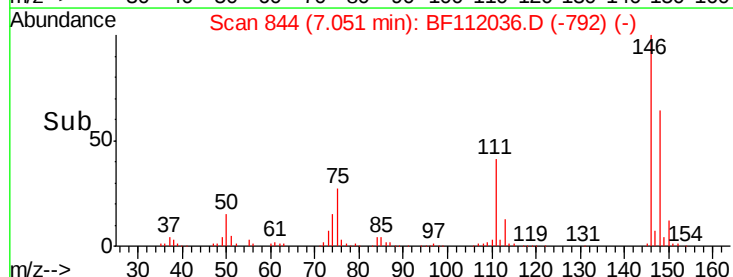
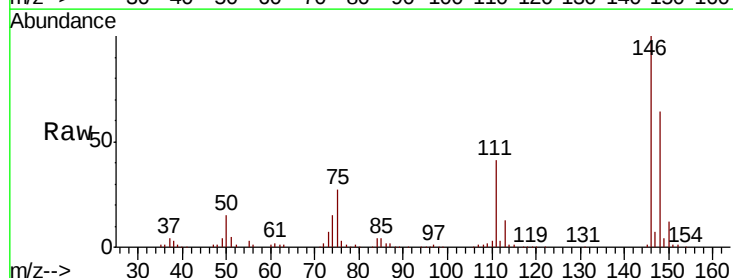
Manual Integrations
APPROVED

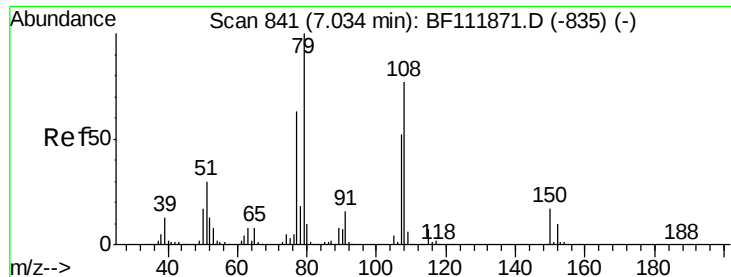
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.105 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	40.7	35.5	53.3





#15

Benzyl Alcohol

Concen: 36.100 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

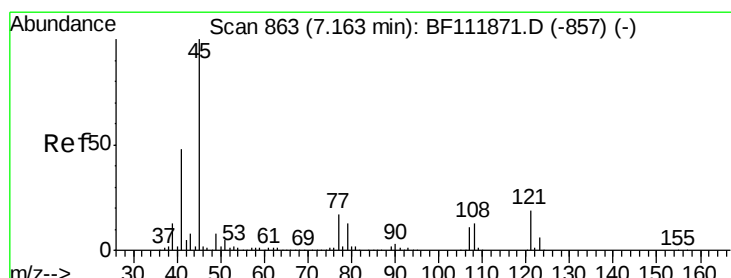
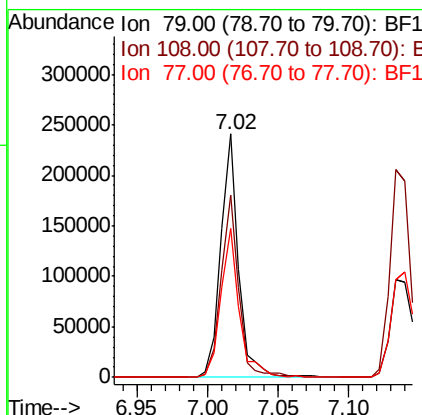
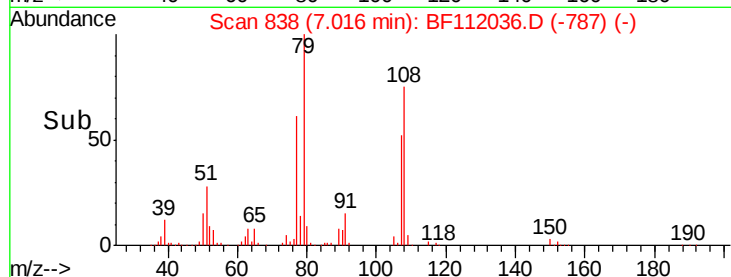
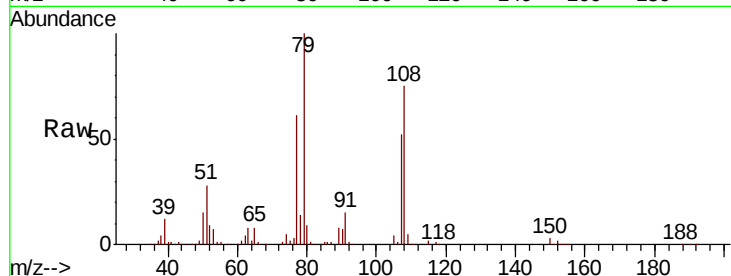
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	211287
Ion Ratio	Lower	Upper	
79	100		
108	74.8	61.4	92.0
77	61.2	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.190 ng

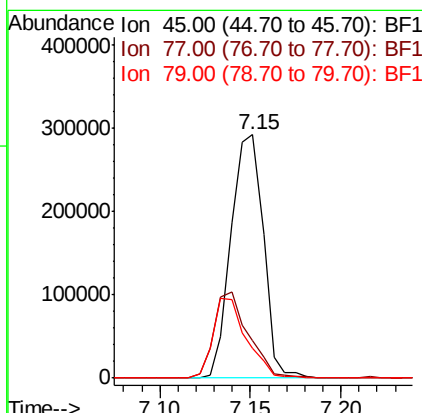
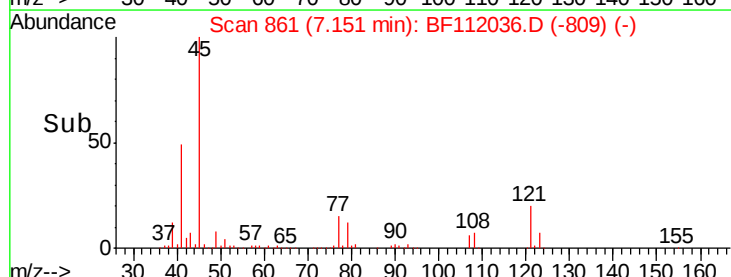
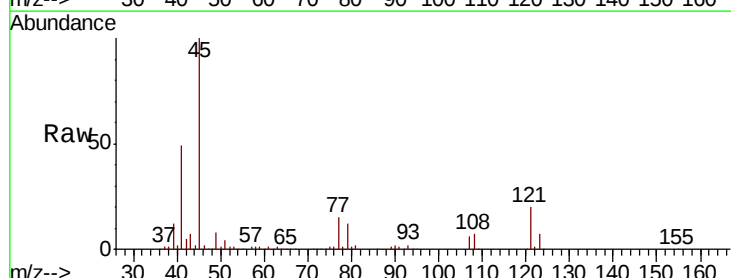
RT: 7.15 min Scan# 861

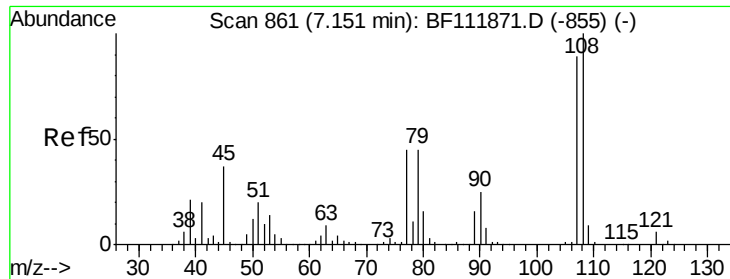
Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	45	Resp:	362572
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	37.1
79	12.0	0.0	33.9





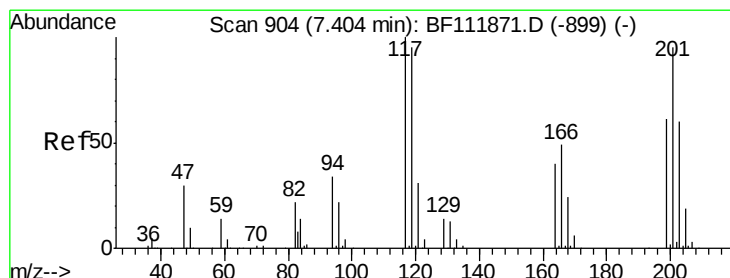
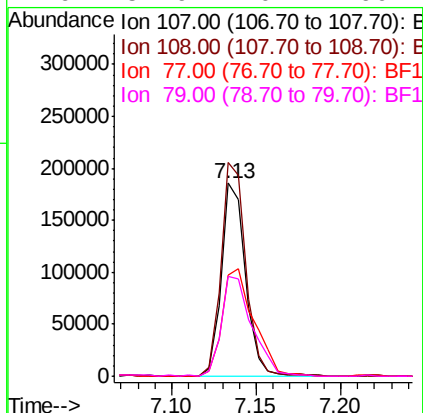
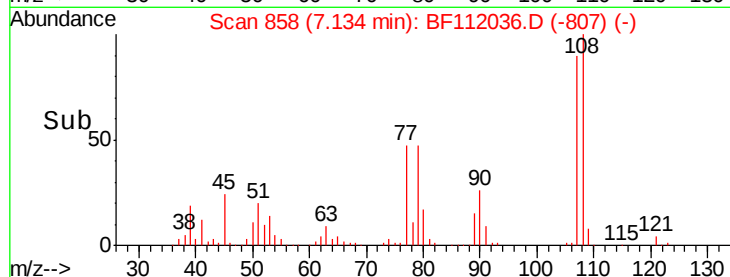
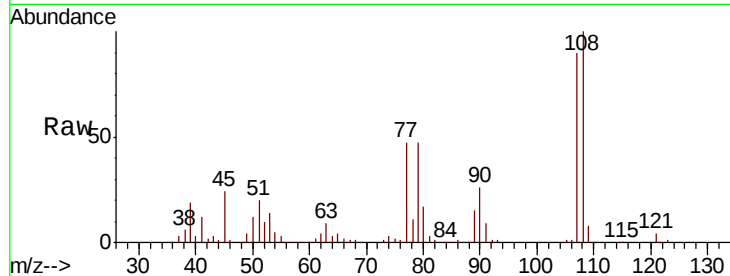
#17
2-Methylphenol
Concen: 36.474 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	89.7	134.5	
77	52.3	40.6	60.8	
79	51.9	40.2	60.2	

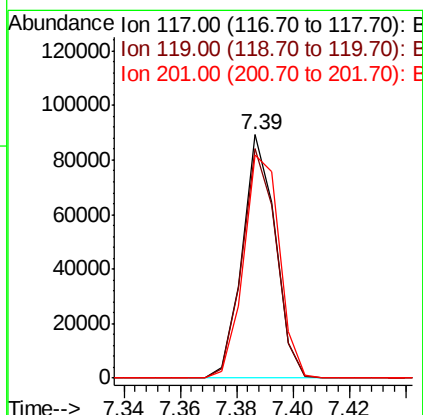
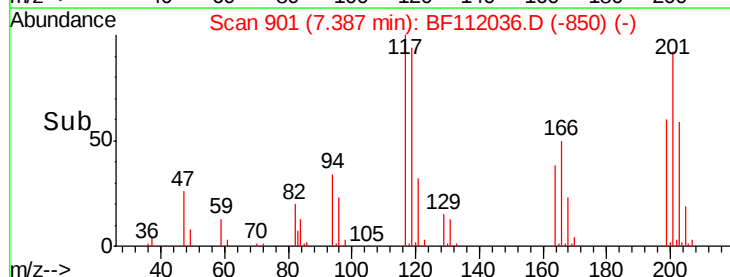
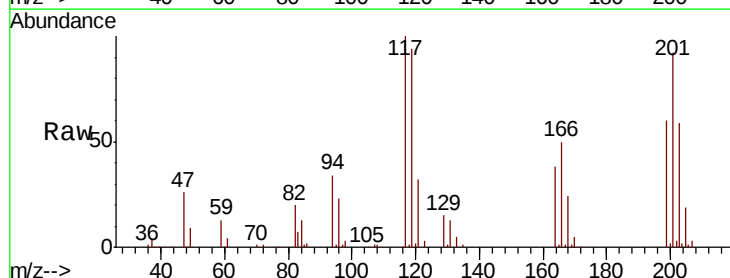
Manual Integrations
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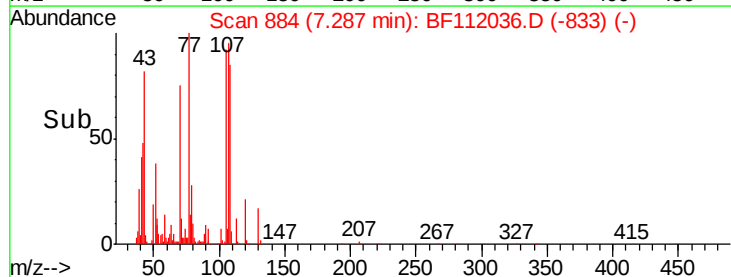
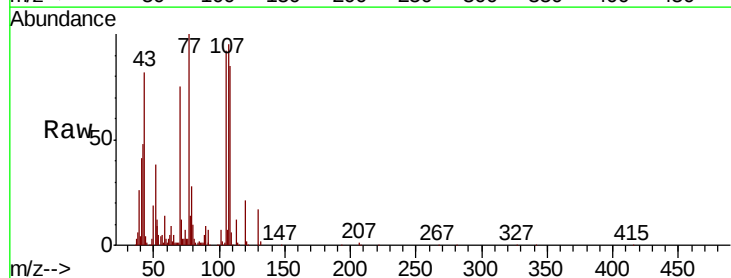
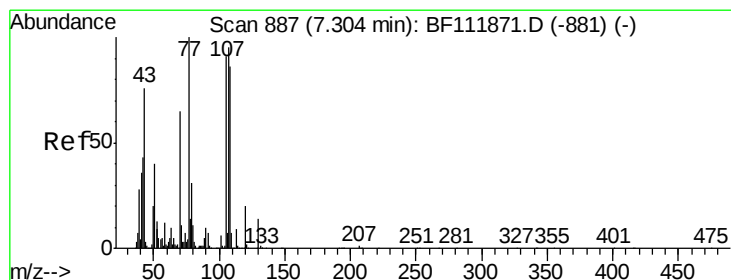
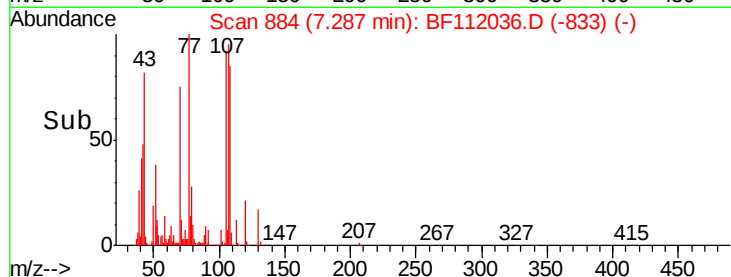
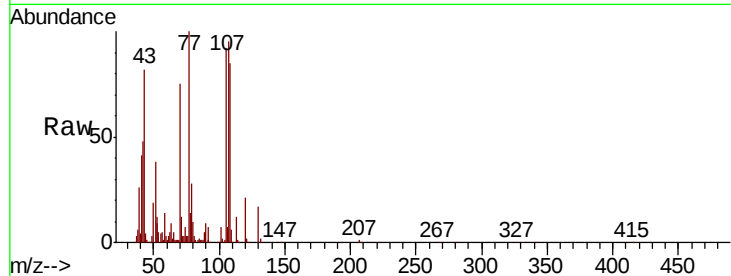
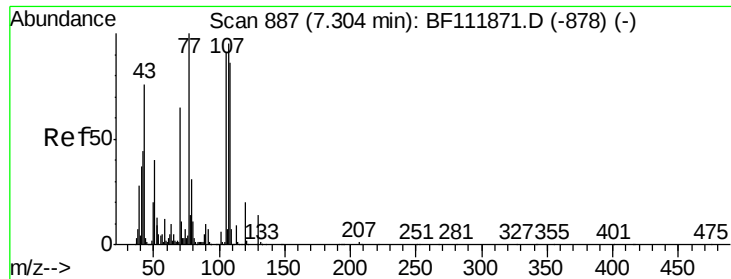
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#18
Hexachloroethane
Concen: 27.581 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

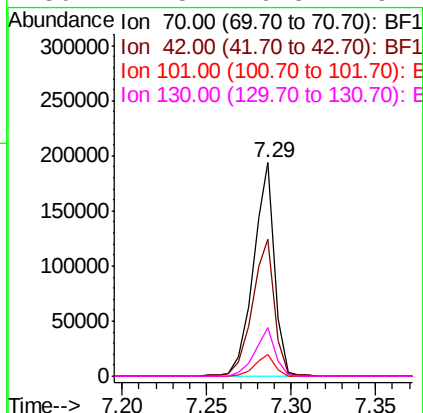
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	76.2	114.2	
201	91.7	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 35.346 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.6	80.4
101	10.0	7.3	10.9
130	22.8	16.8	25.2



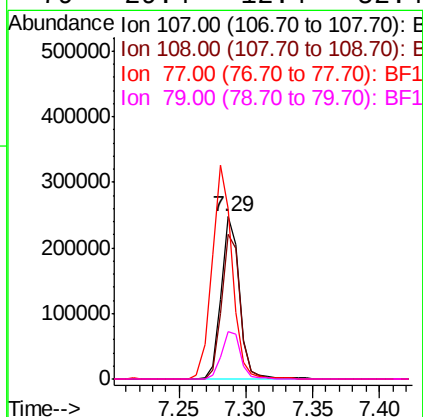
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

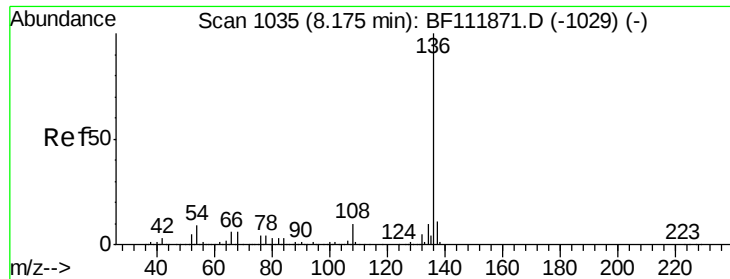
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APPROVED

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#20
3+4-Methylphenols
Concen: 37.867 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.1	111.1
77	104.8	85.4	125.4
79	29.4	12.4	52.4





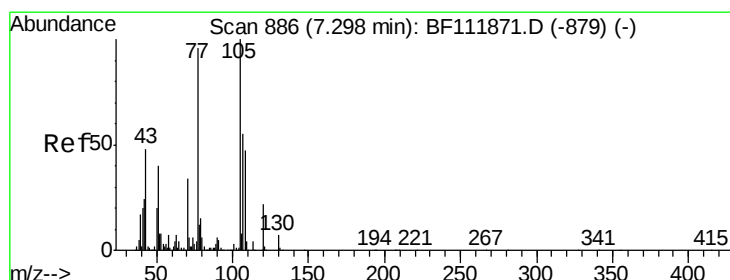
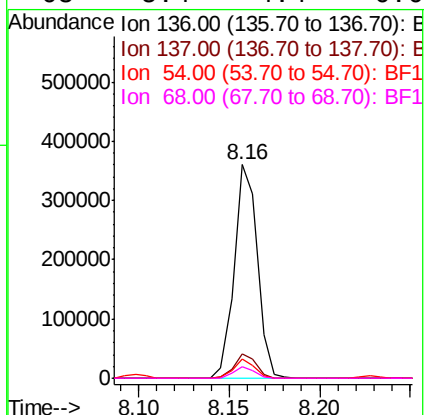
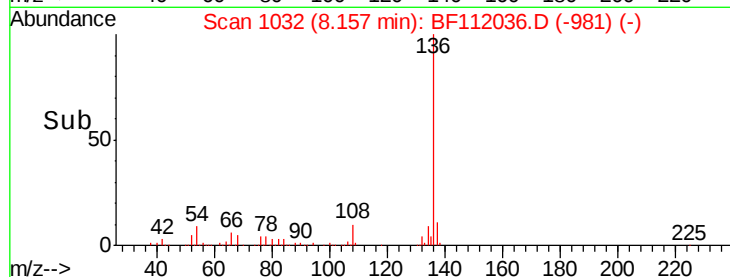
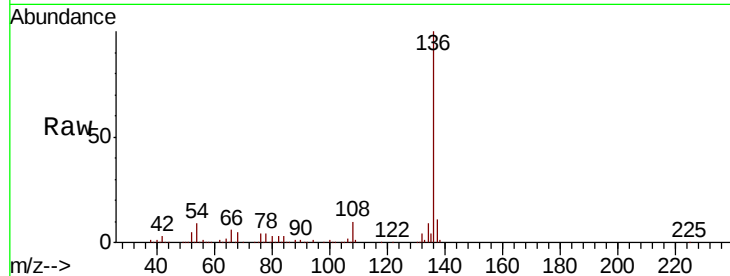
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4		9.1	13.7	
54	8.9		7.2	10.8	
68	5.4		4.4	6.6	

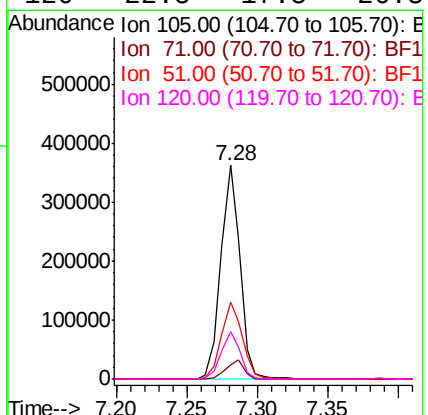
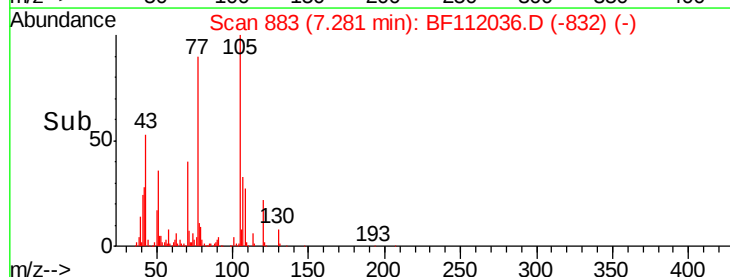
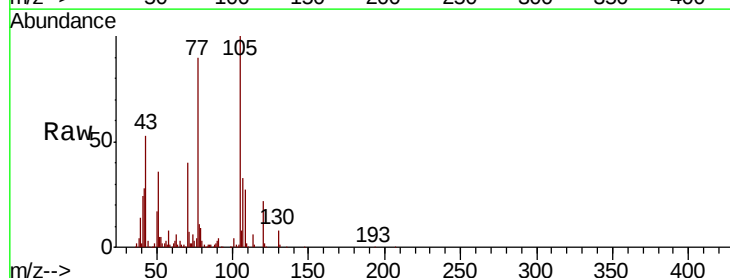
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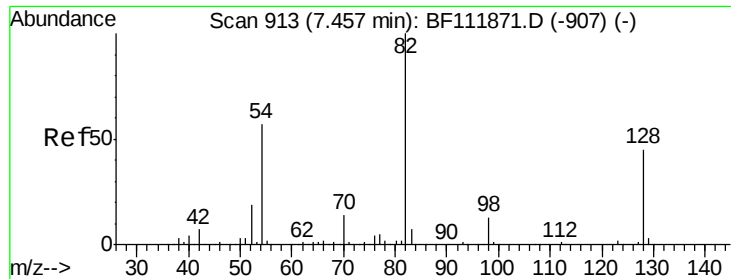
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#22
Acetophenone
Concen: 41.986 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	6.9		4.6	6.8#	
51	35.8		32.2	48.2	
120	22.5		17.5	26.3	





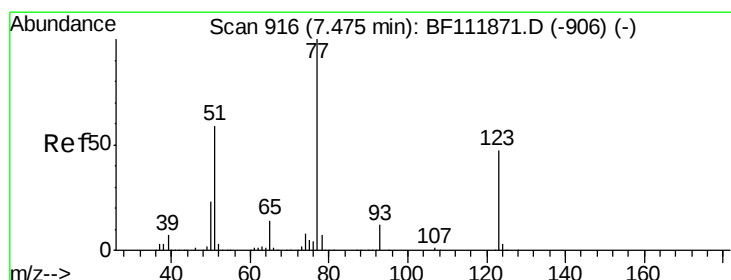
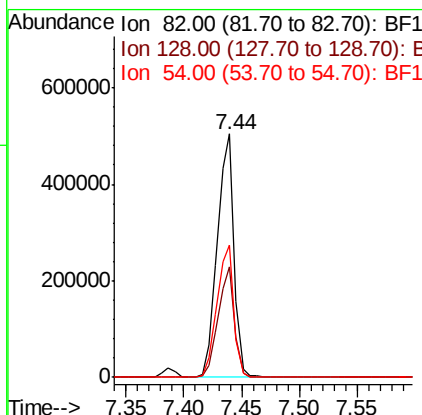
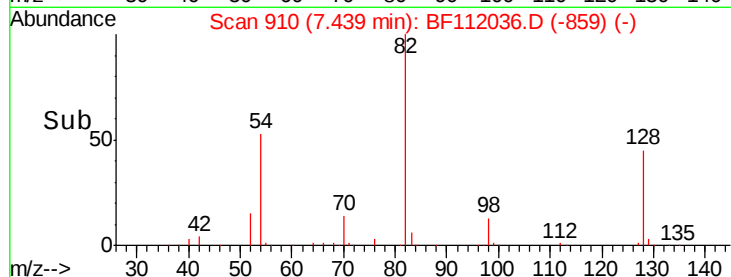
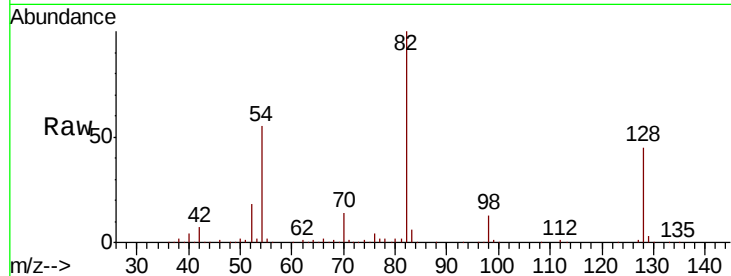
#23
Nitrobenzene-d5
Concen: 84.251 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	54.6	45.8	68.8

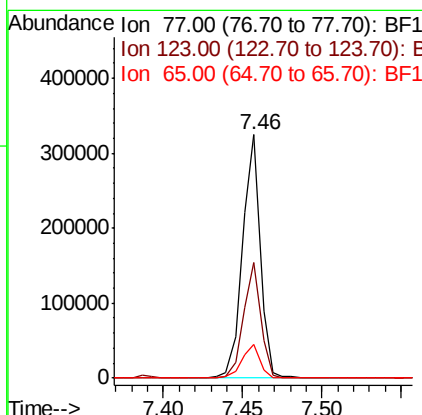
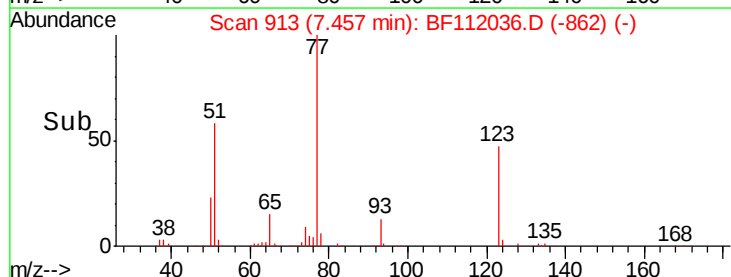
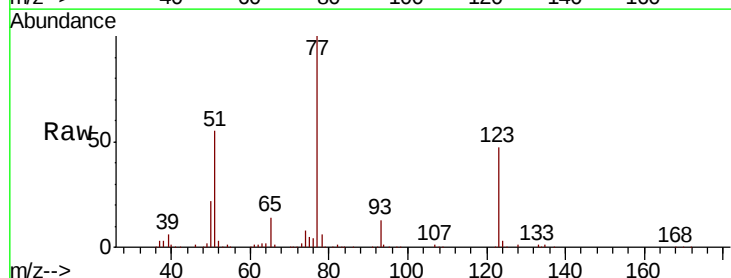
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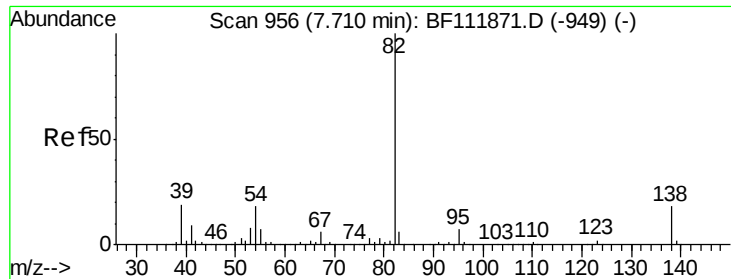
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#24
Nitrobenzene
Concen: 41.658 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.1	57.1
65	13.7	11.0	16.4





#25

Isophorone

Concen: 39.087 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

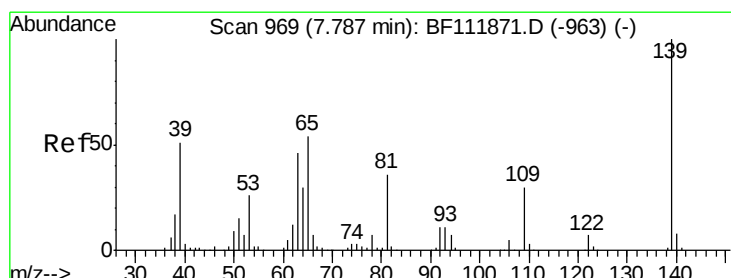
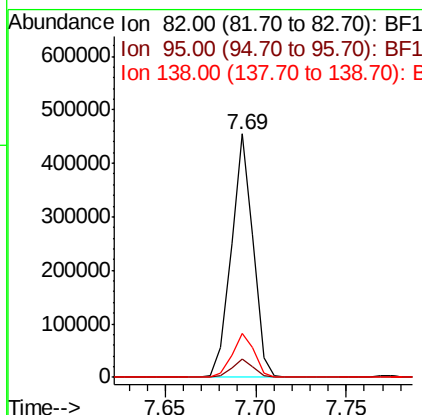
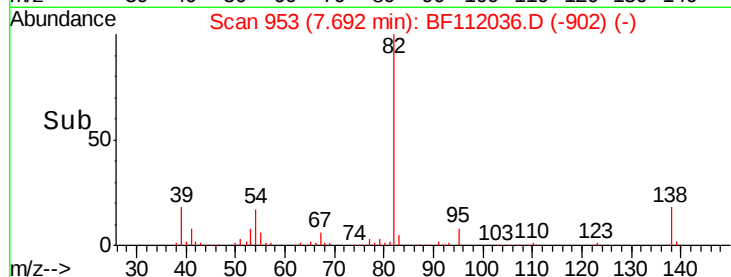
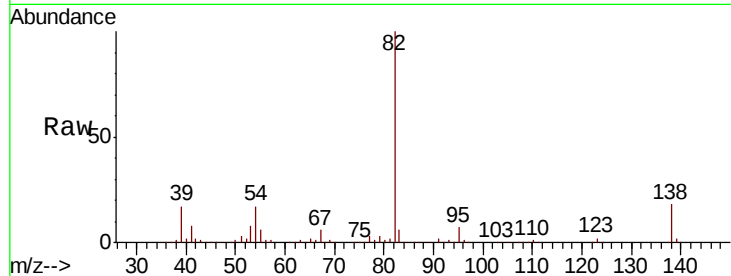
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	380225
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	17.9	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.791 ng

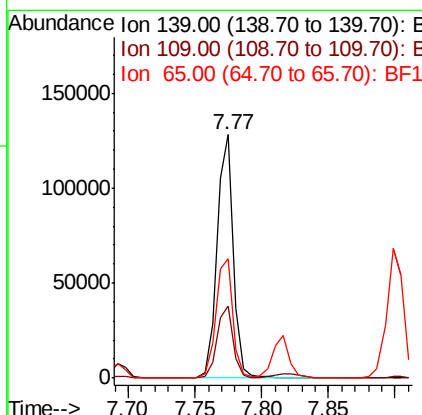
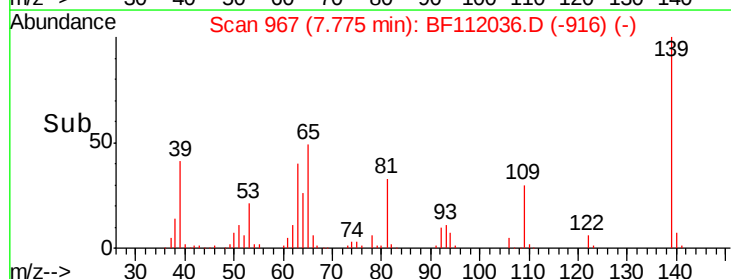
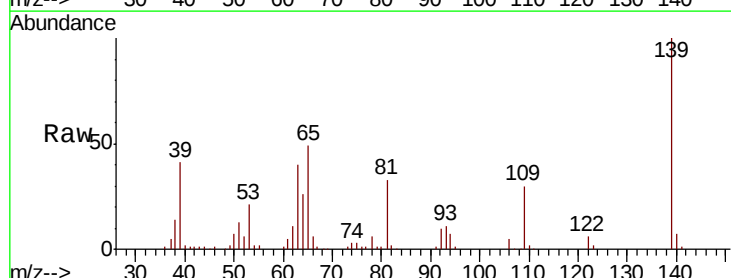
RT: 7.77 min Scan# 967

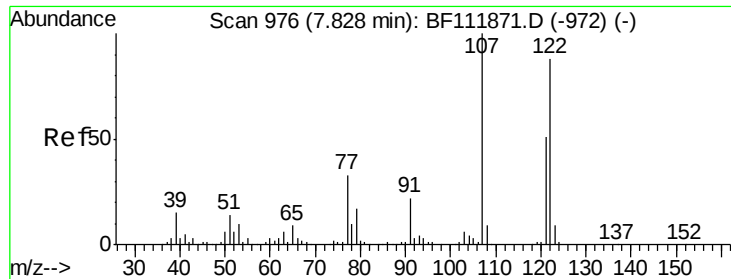
Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	139	Resp:	110084
Ion Ratio	Lower	Upper	
139	100		
109	29.6	24.1	36.1
65	49.0	43.6	65.4





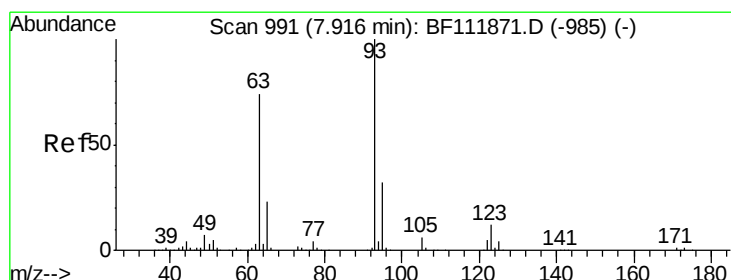
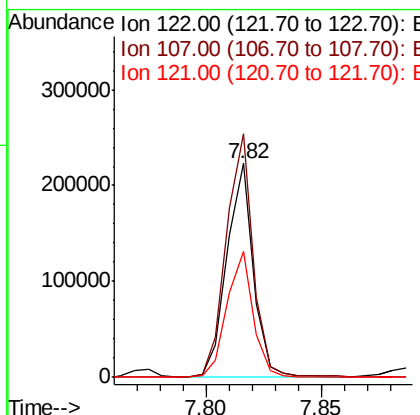
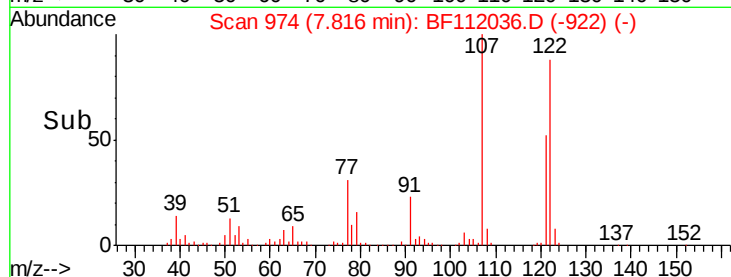
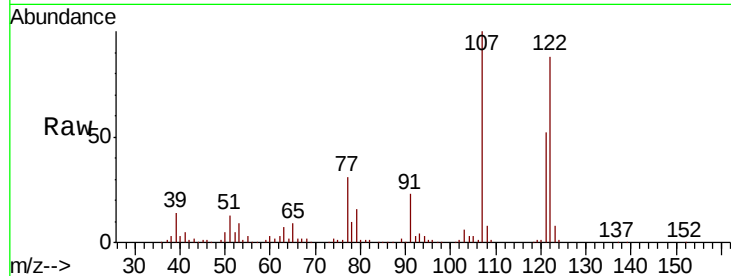
#27
2,4-Dimethylphenol
Concen: 41.191 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.0	136.6
121	58.8	46.8	70.2

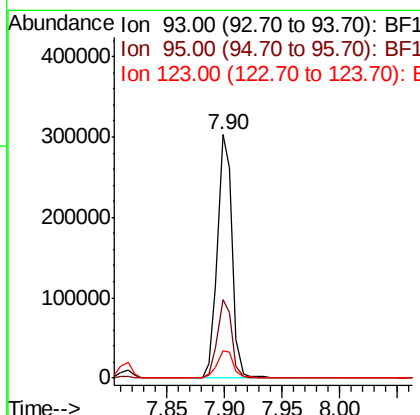
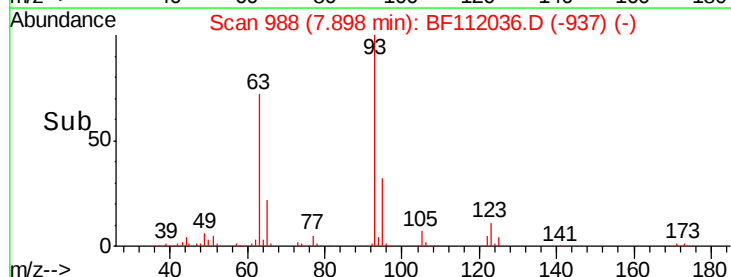
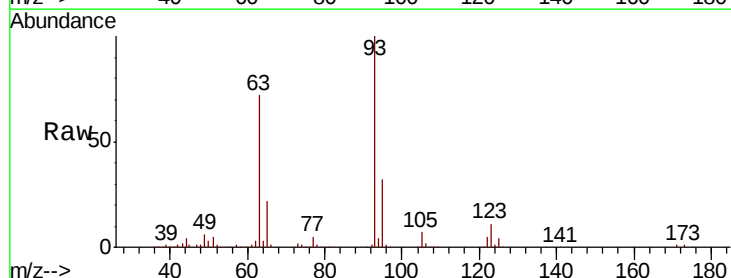
Manual Integrations
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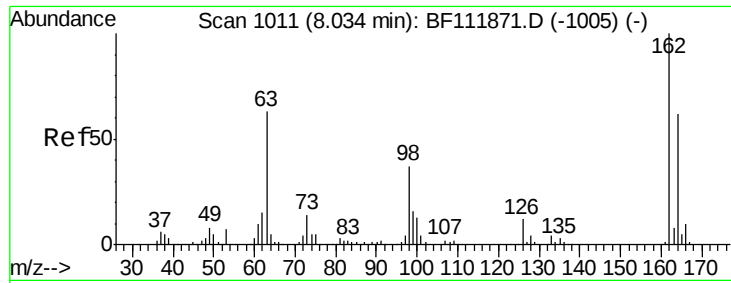
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.280 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.4	9.5	14.3





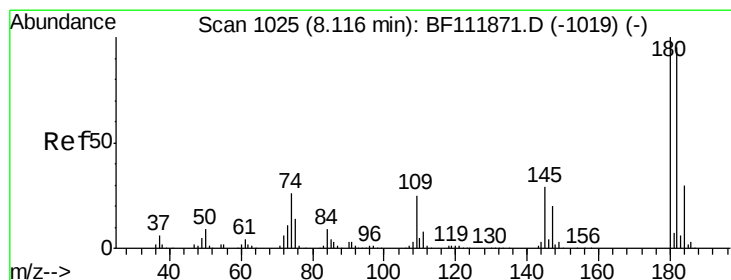
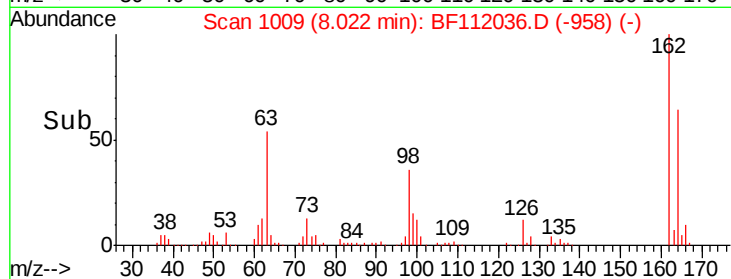
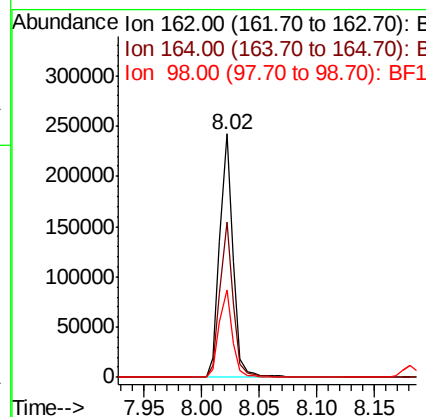
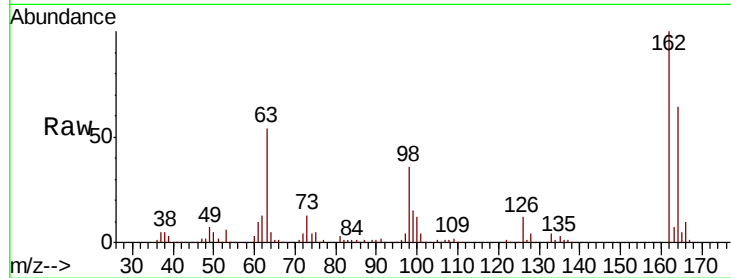
#29
2,4-Dichlorophenol
Concen: 39.091 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	42.1	82.1
98	36.1	17.2	57.2

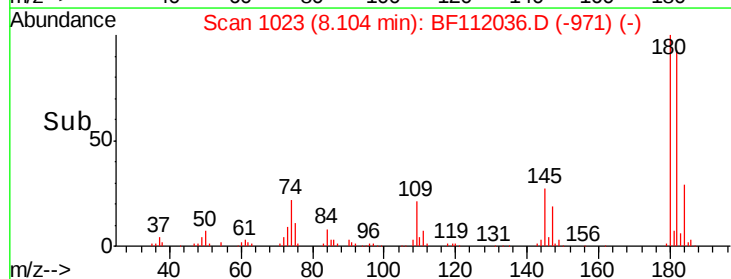
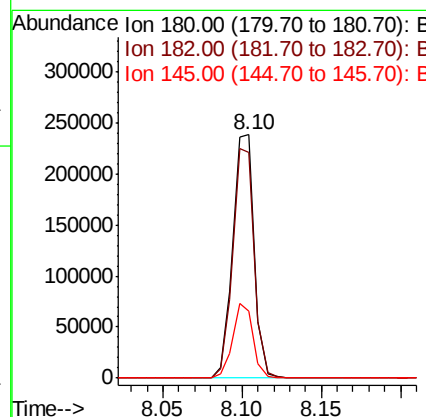
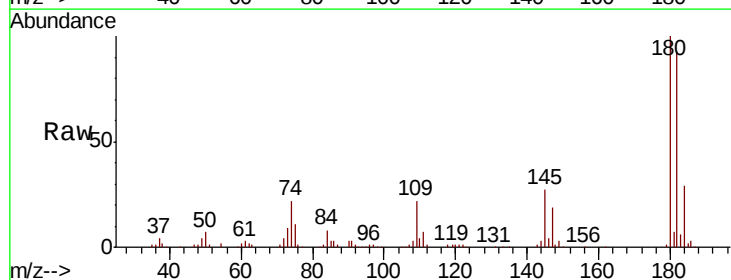
Manual Integrations
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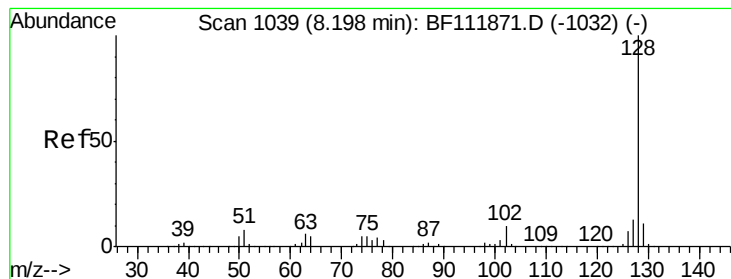
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.744 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.8	76.2	114.4
145	27.3	23.4	35.2





#31

Naphthalene

Concen: 40.667 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

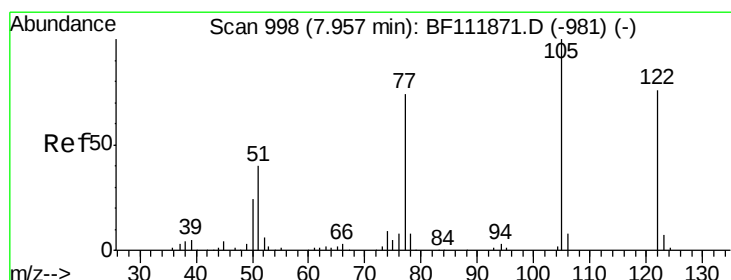
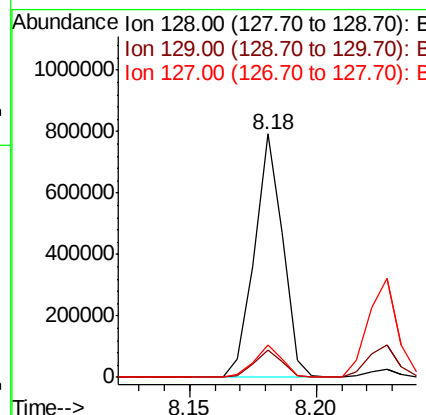
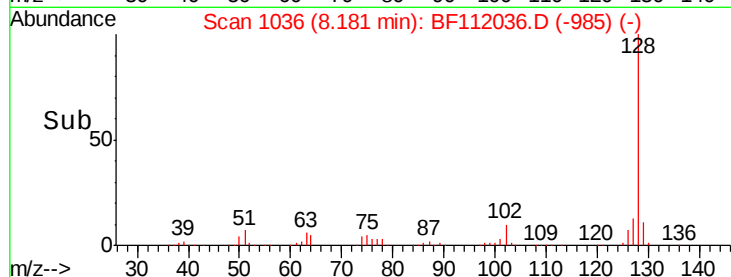
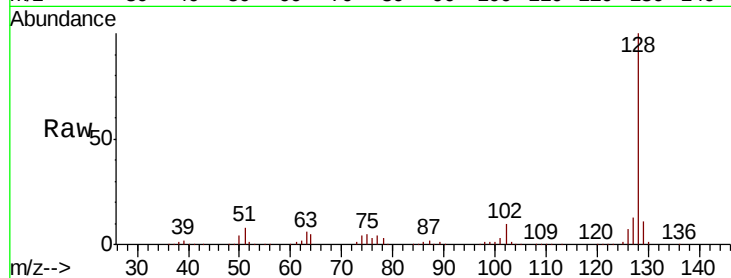
ClientSampleID :

SSTDCCC040

Tot Ion:	128	Resp:	619792
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	13.5	10.7	16.1

Manual Integrations
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#32

Benzoic acid

Concen: 24.744 ng m

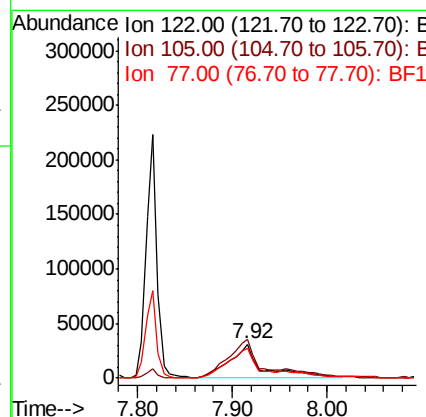
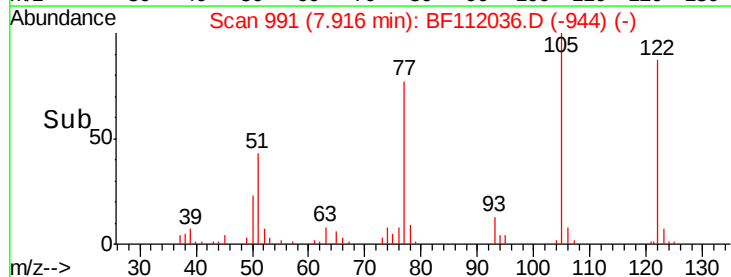
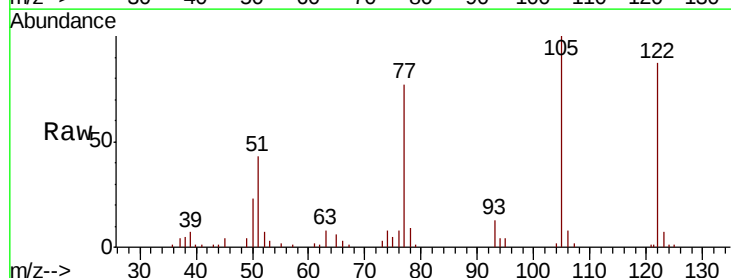
RT: 7.92 min Scan# 991

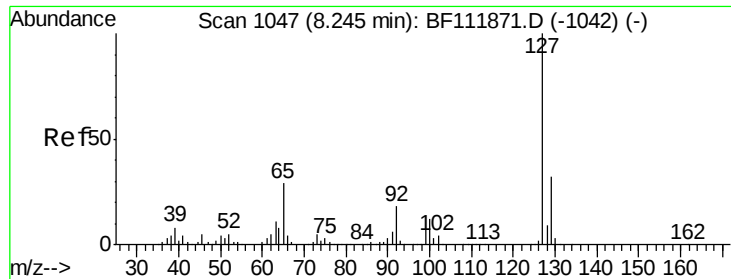
Delta R.T. -0.02 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	122	Resp:	69469
Ion Ratio	Lower	Upper	
122	100		
105	115.1	107.9	147.9
77	88.1	76.6	116.6





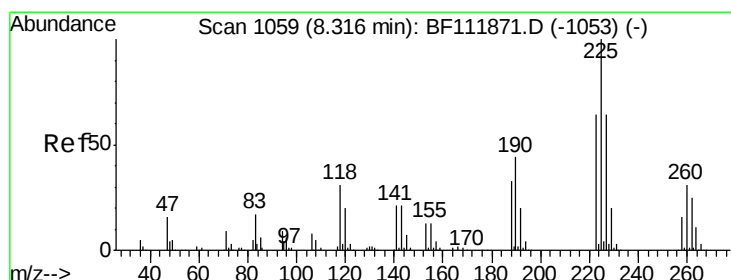
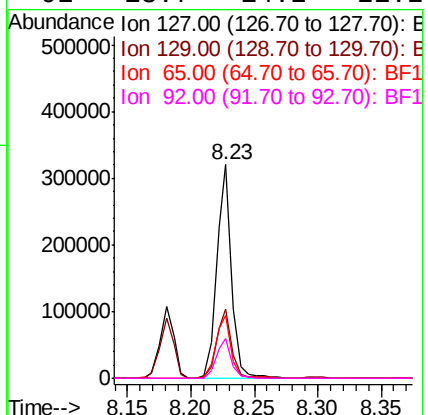
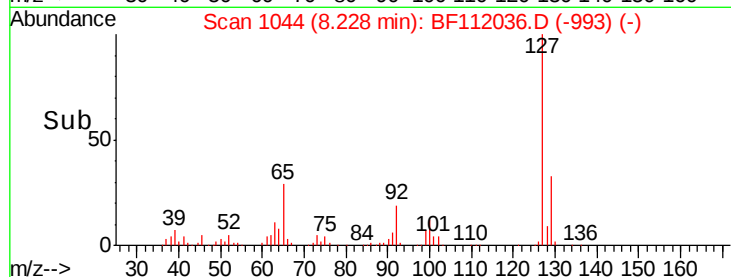
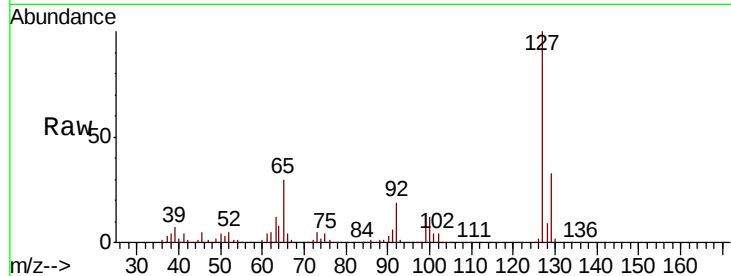
#33
4-Chloroaniline
Concen: 40.024 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	25.8	38.6
65	29.7	23.5	35.3
92	18.7	14.2	21.2

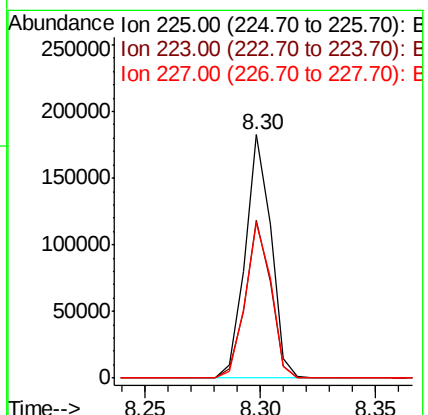
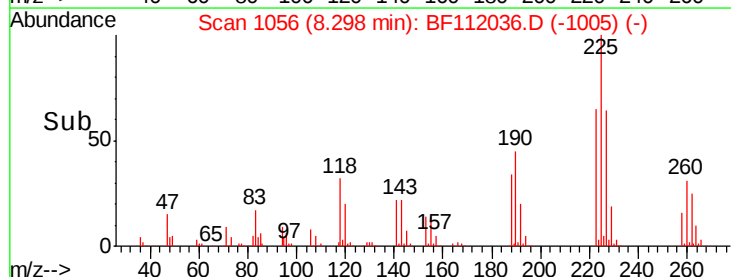
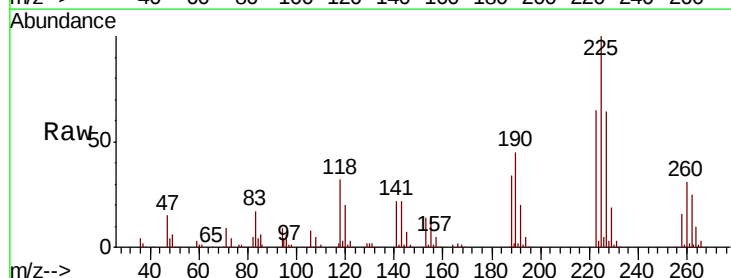
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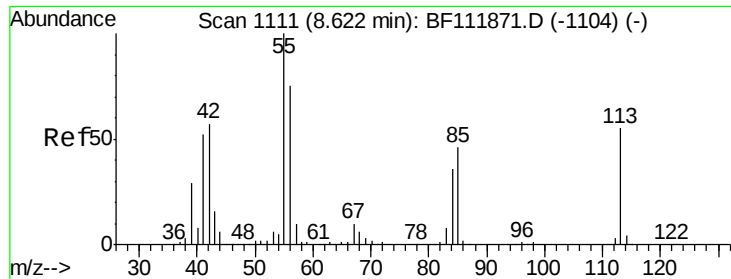
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#34
Hexachlorobutadiene
Concen: 41.877 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.6	50.9	76.3
227	63.5	51.4	77.0





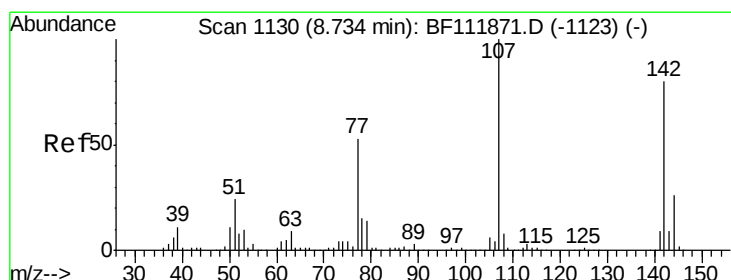
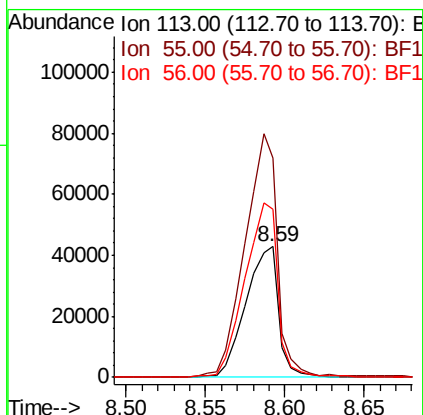
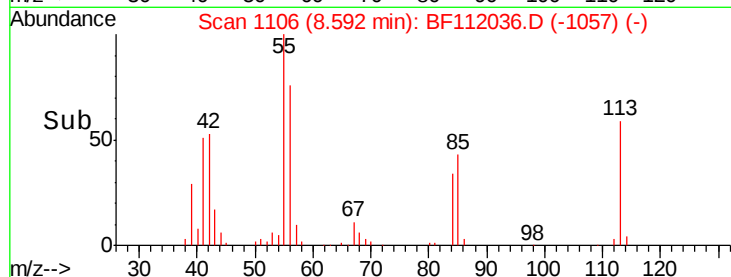
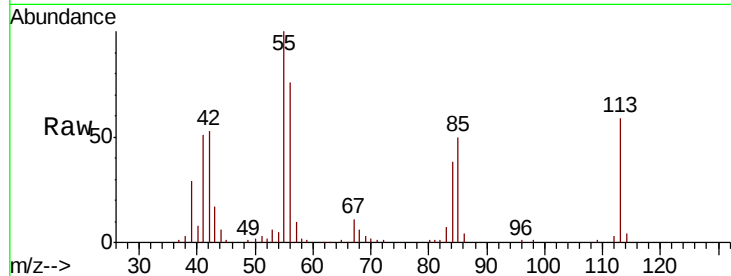
#35
Caprolactam
Concen: 37.911 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.4	162.0	202.0
56	128.7	116.0	156.0

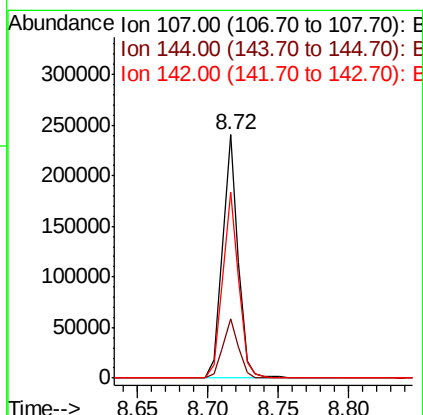
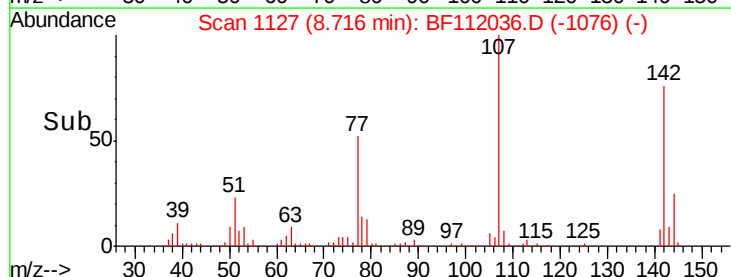
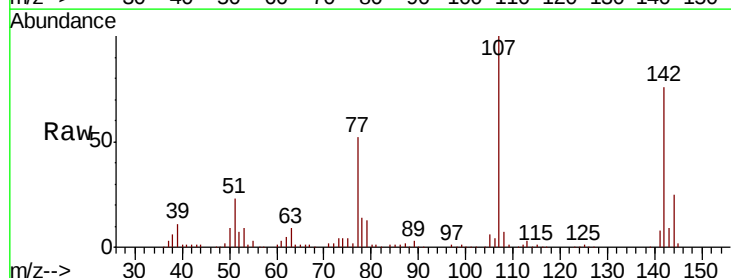
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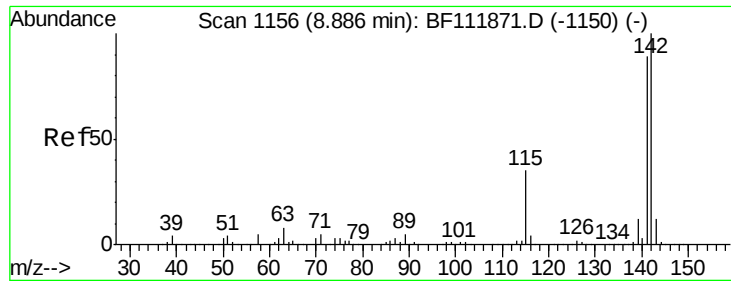
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#36
4-Chloro-3-methylphenol
Concen: 37.412 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.7	31.1
142	76.5	63.9	95.9





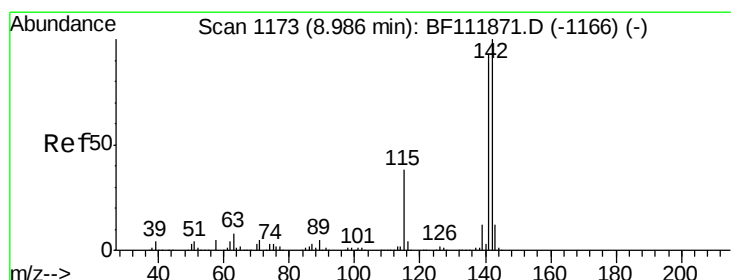
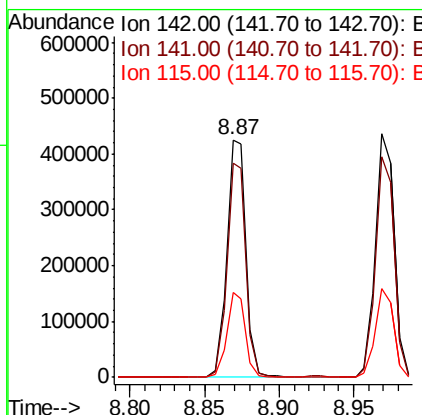
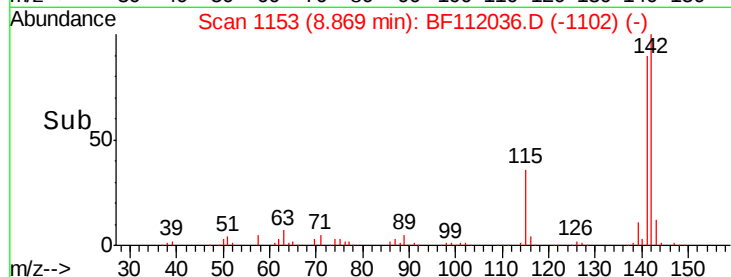
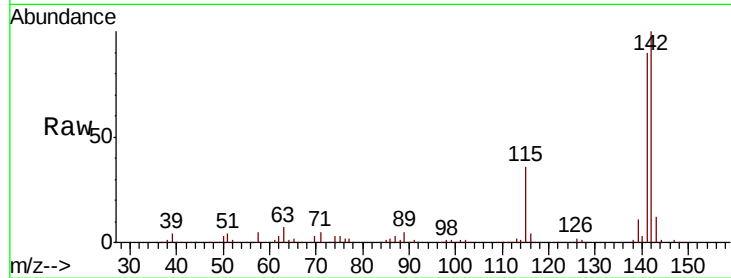
#37
2-Methylnaphthalene
Concen: 41.074 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	35.7	28.3	42.5

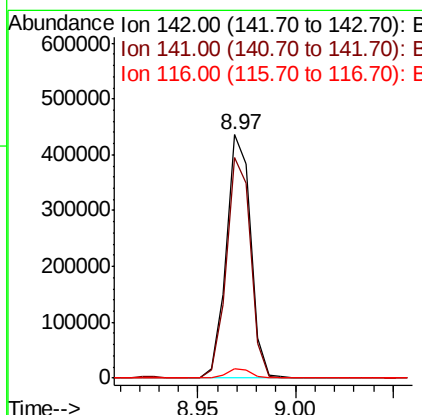
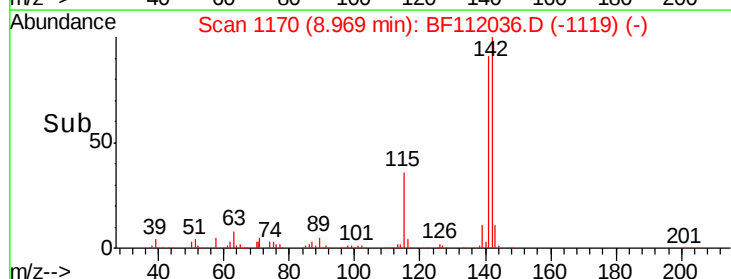
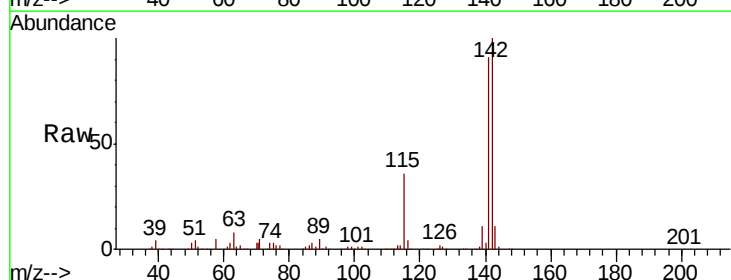
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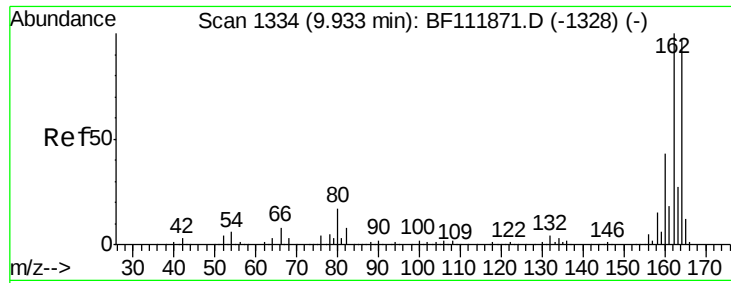
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#38
1-Methylnaphthalene
Concen: 41.656 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.8	112.2
116	4.1	3.1	4.7





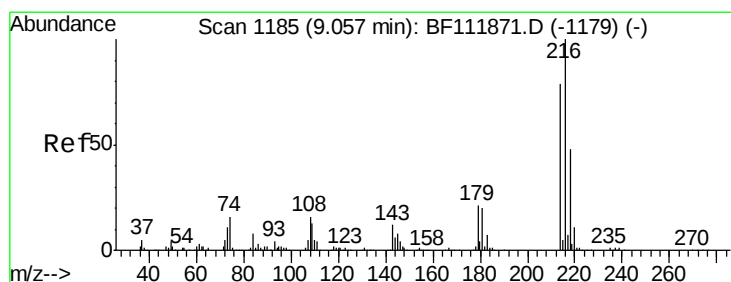
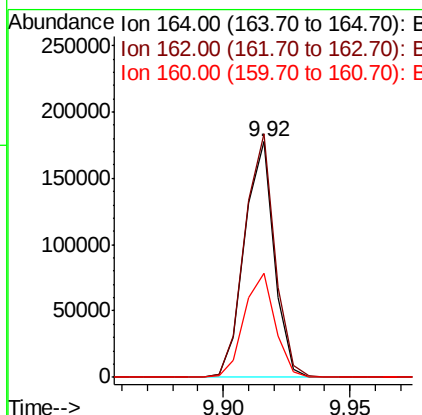
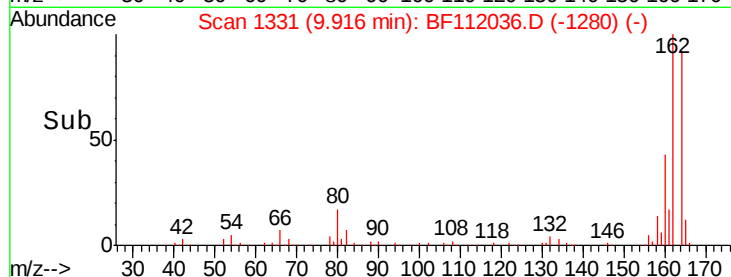
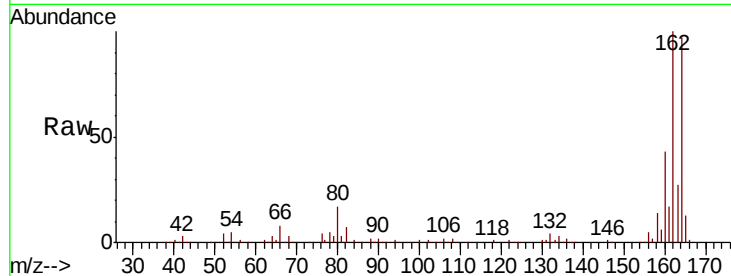
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	164	Resp:	144210
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.2	123.2
160	44.4	35.5	53.3

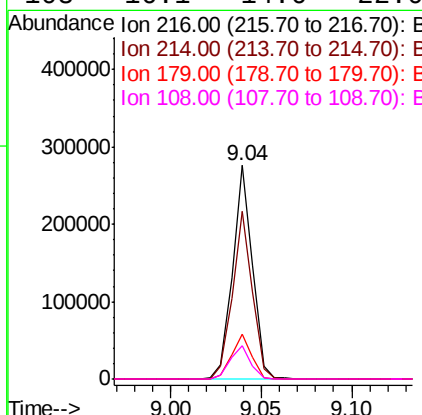
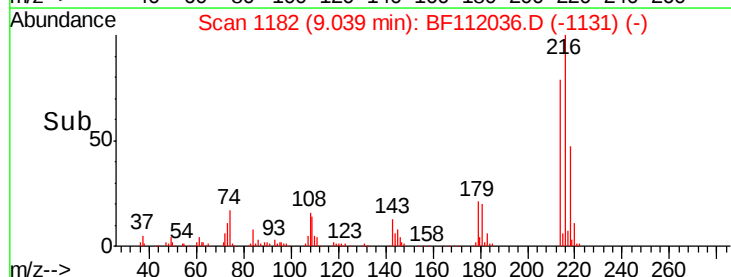
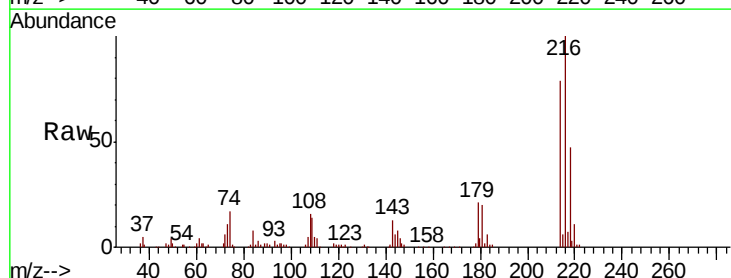
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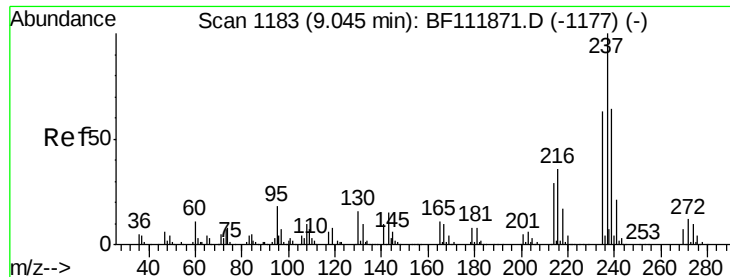
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.606 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion:	216	Resp:	209672
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.5	95.3
179	21.2	17.0	25.6
108	16.1	14.6	22.0





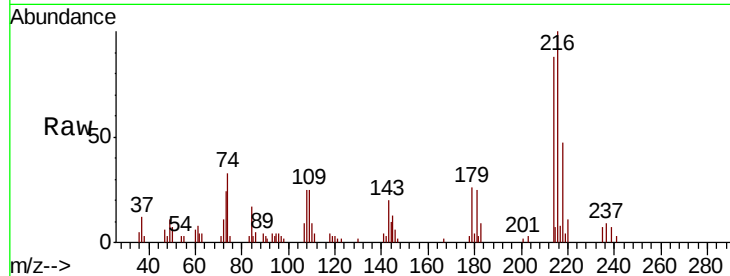
#41
Hexachlorocyclopentadiene
Concen: 0.527 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

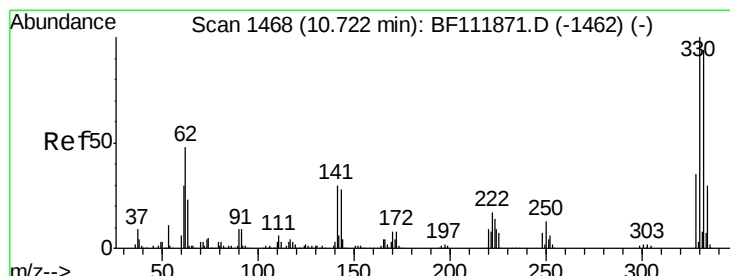
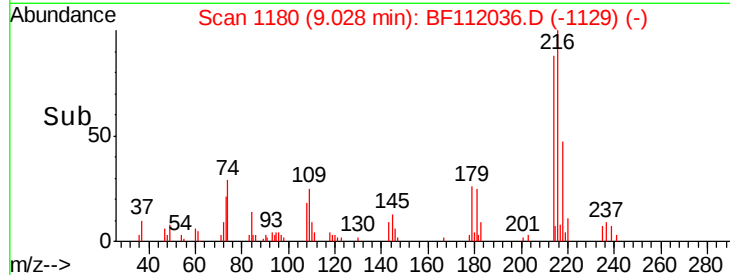
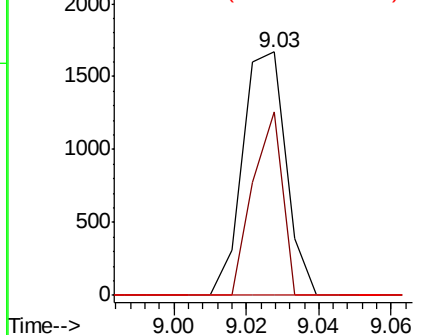
Tot Ion	Ratio	Lower	Upper
237	100		
235	75.2	42.6	82.6
272	0.0	0.0	32.3

Manual Integrations
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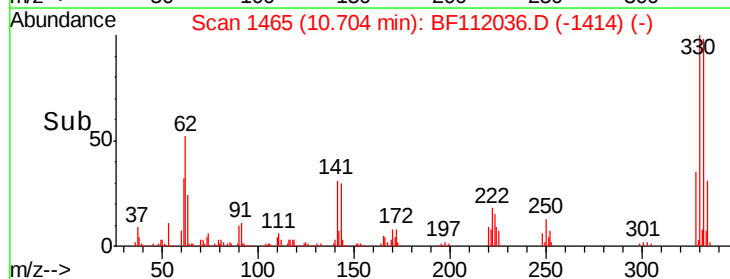
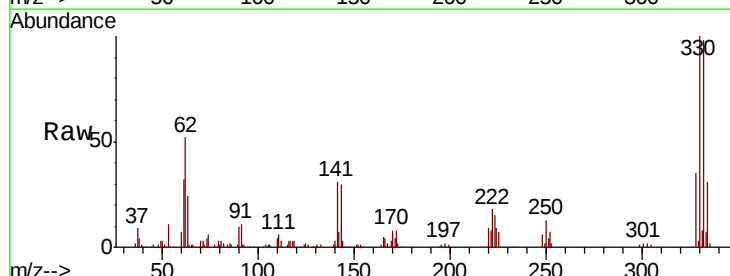
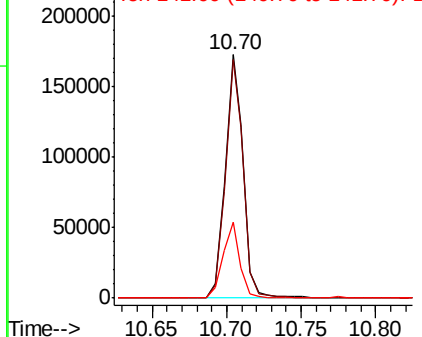
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

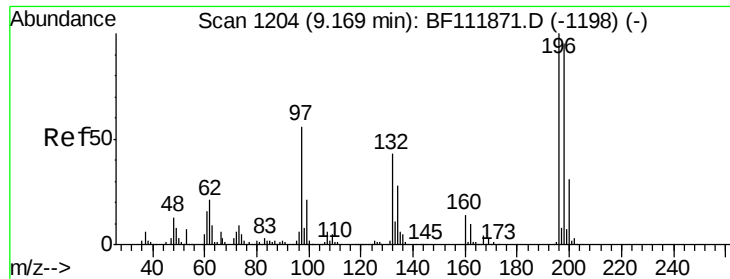


#42
2,4,6-Tribromophenol
Concen: 78.155 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	29.4	23.7	35.5

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





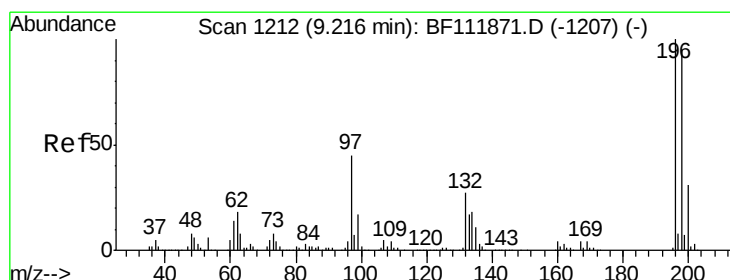
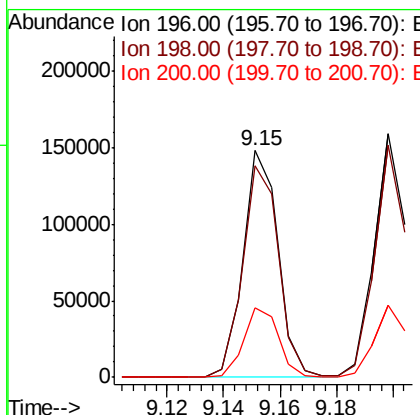
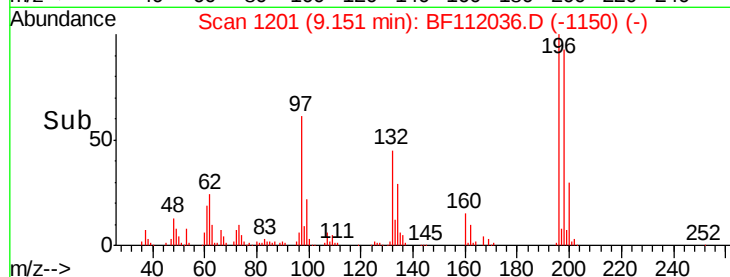
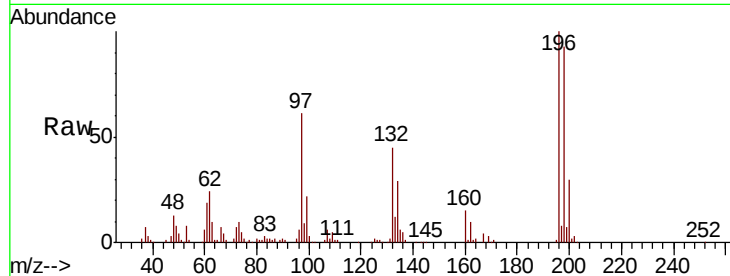
#43
 2,4,6-Trichlorophenol
 Concen: 40.944 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	127677
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.8	113.8
200	30.4	24.5	36.7

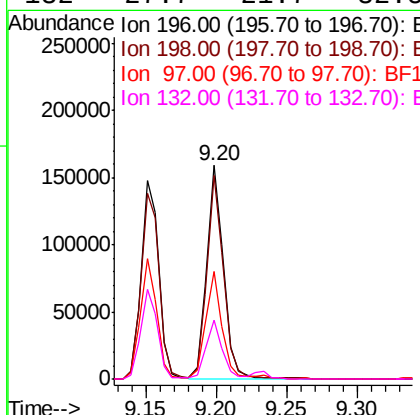
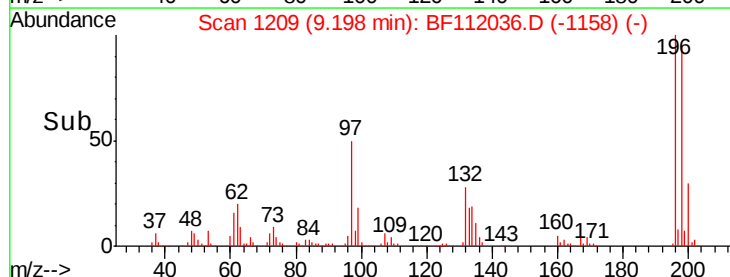
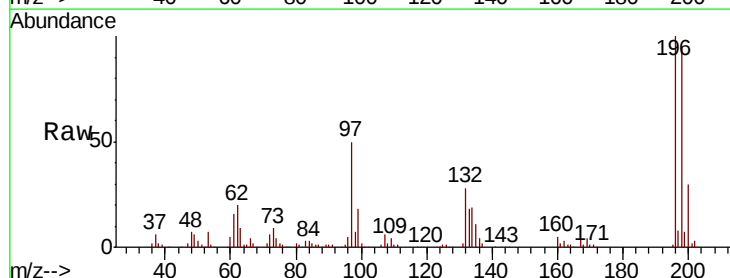
Manual Integrations
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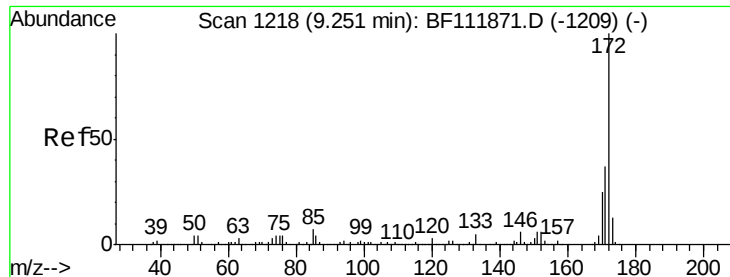
Sohil
 1/14/2019 4:10:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.718 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion:	196	Resp:	133031
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.2	114.2
97	50.1	36.4	54.6
132	27.7	21.7	32.5





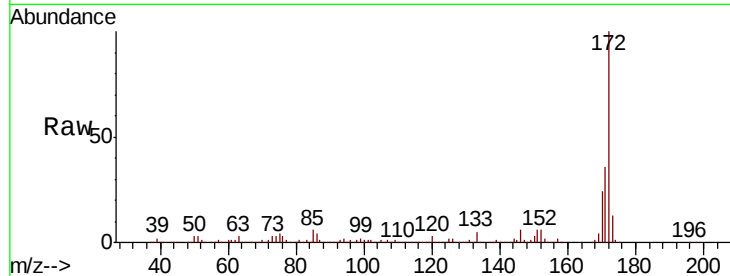
#45
2-Fluorobiphenyl
Concen: 91.318 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8

Manual Integrations
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1/14/2019 4:10:46 PM

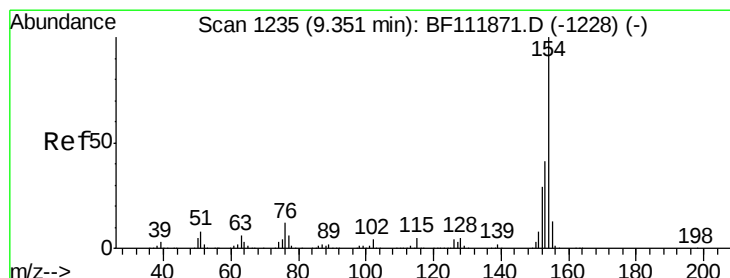
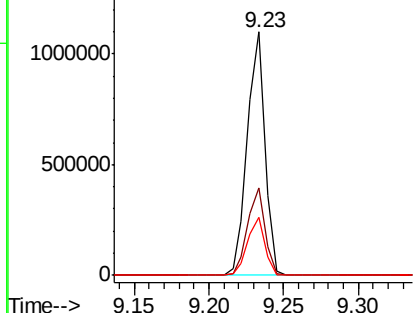
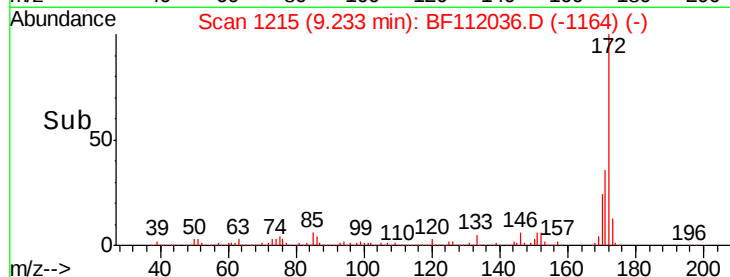


Abundance

Ion 172.00 (171.70 to 172.70): E

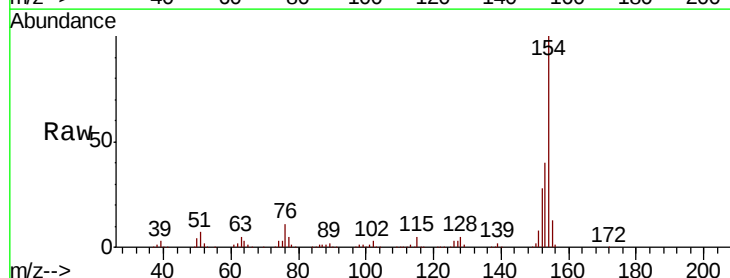
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.861 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	11.0	0.0	32.3

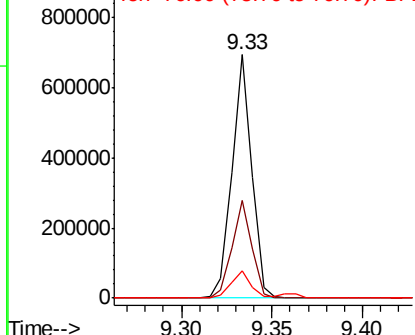
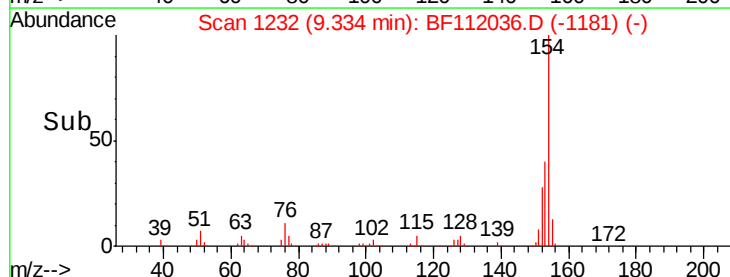


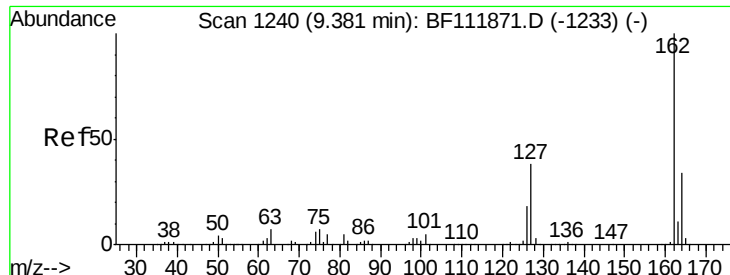
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





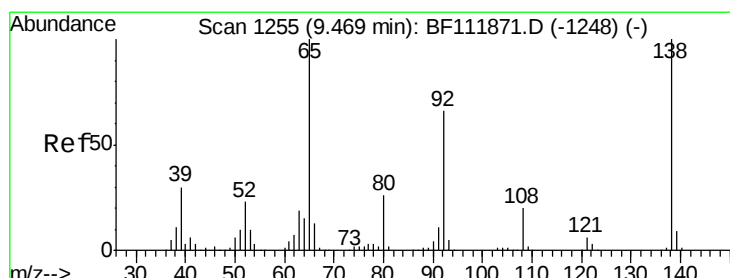
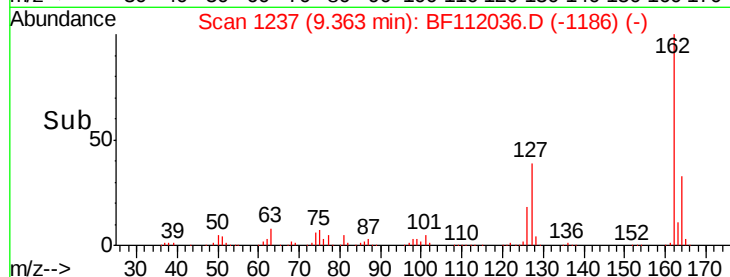
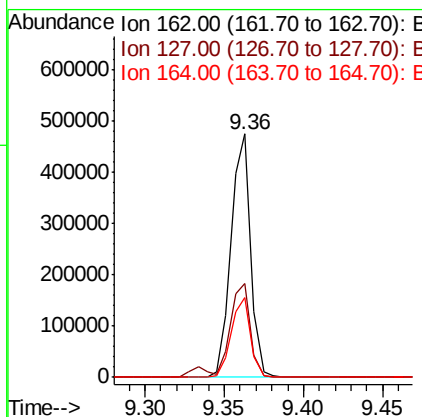
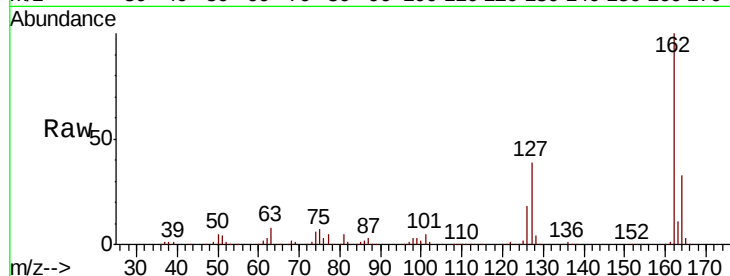
#47
 2-Chloronaphthalene
 Concen: 42.835 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.2	46.8
164	32.5	27.0	40.6

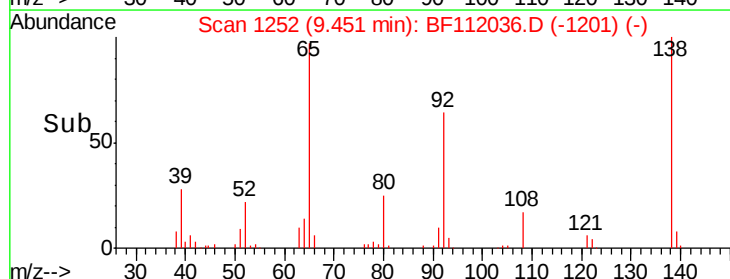
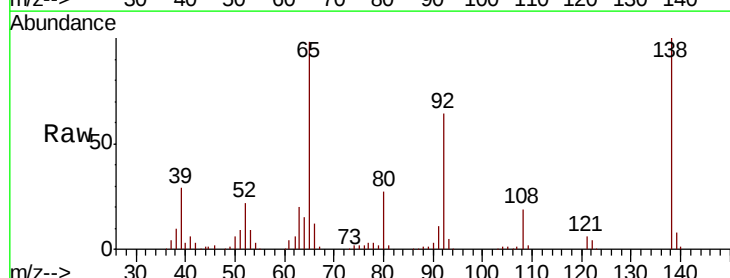
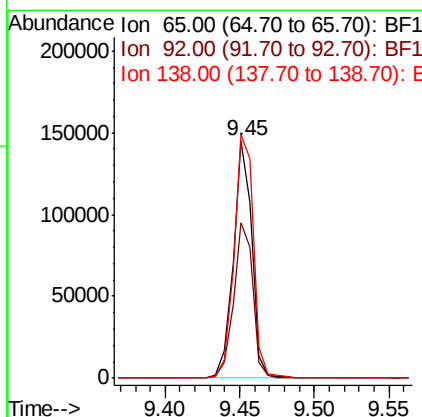
Manual Integrations
 APPROVED

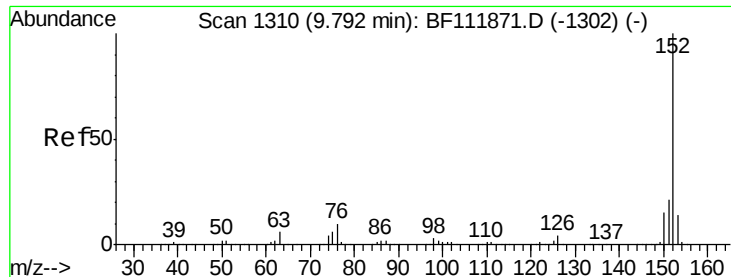
Sohil
 1/14/2019 4:10:46 PM



#48
 2-Nitroaniline
 Concen: 43.958 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.5	78.7
138	102.4	79.8	119.6





#49

Acenaphthylene

Concen: 42.325 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

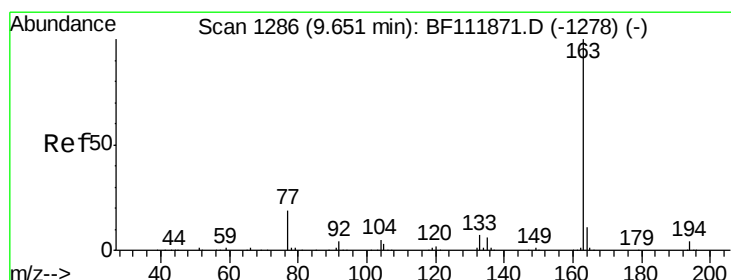
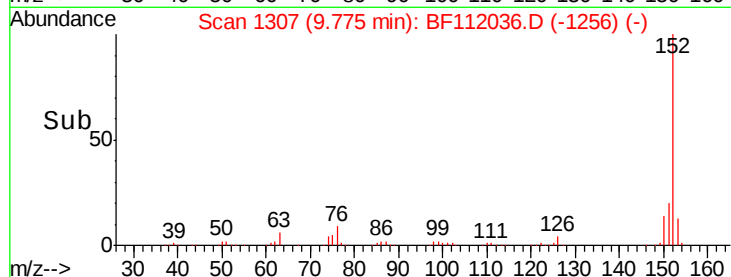
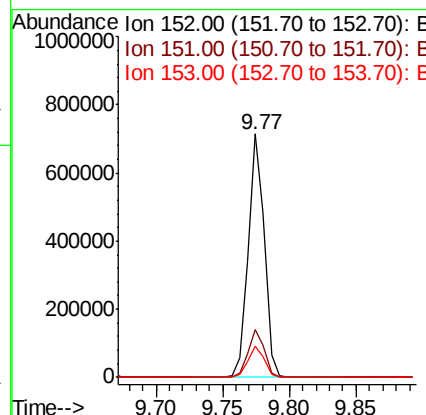
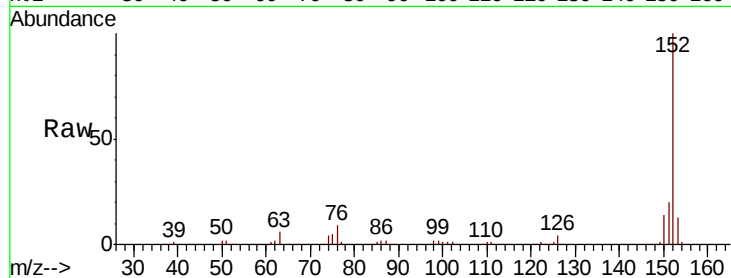
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	592415
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.6	25.0
153	13.0	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.534 ng

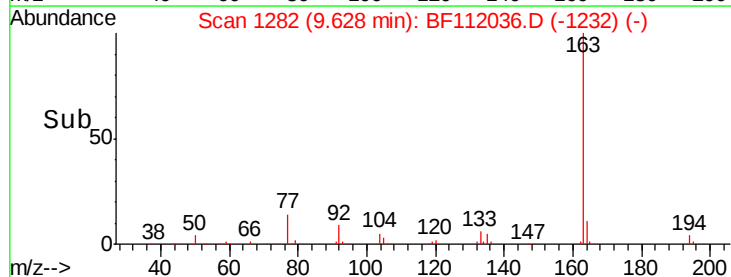
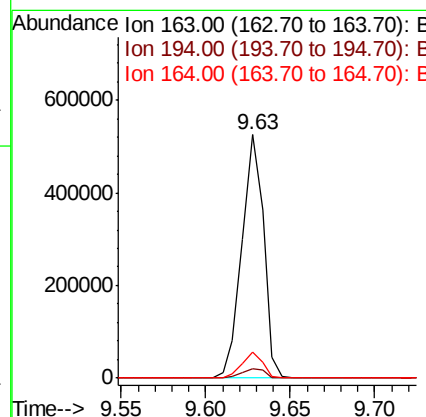
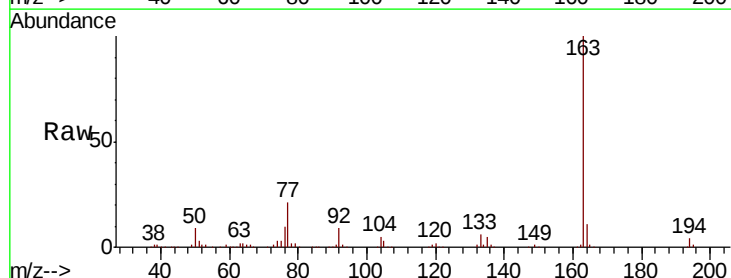
RT: 9.63 min Scan# 1282

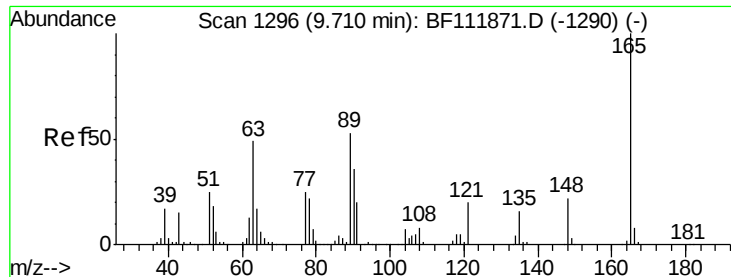
Delta R.T. -0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	163	Resp:	471611
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.7	8.5	12.7





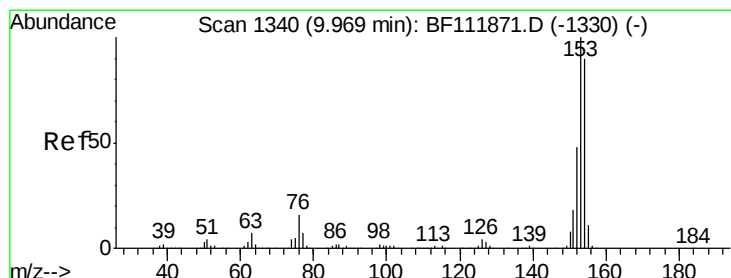
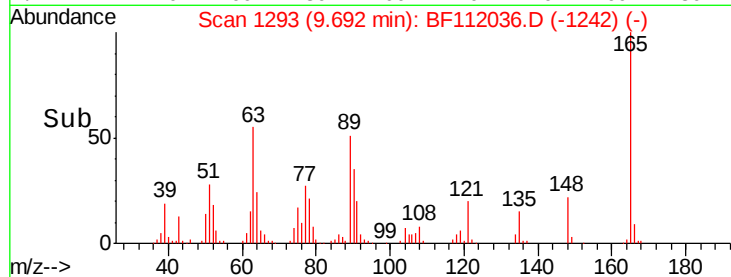
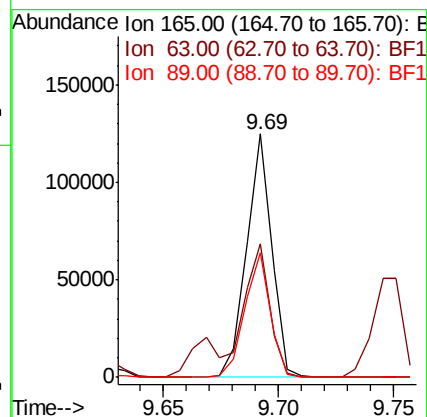
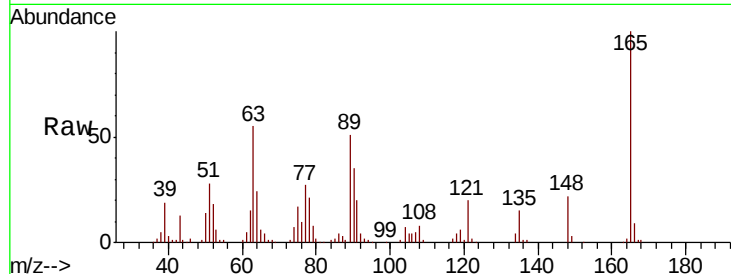
#51
2,6-Dinitrotoluene
Concen: 39.340 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.8	46.2	69.2
89	51.2	42.2	63.2

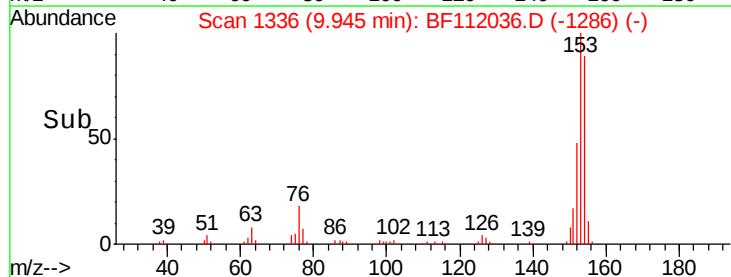
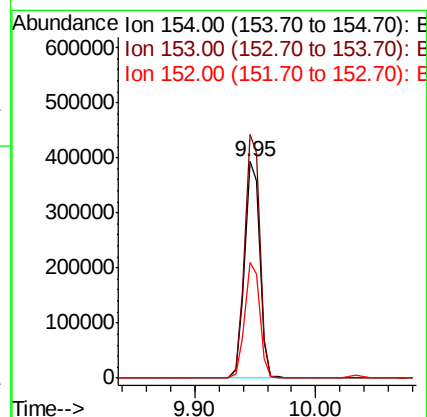
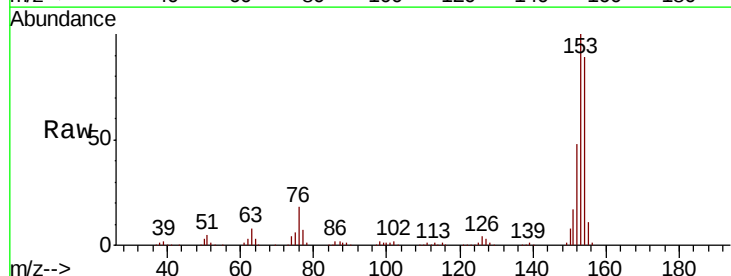
Manual Integrations
APPROVED

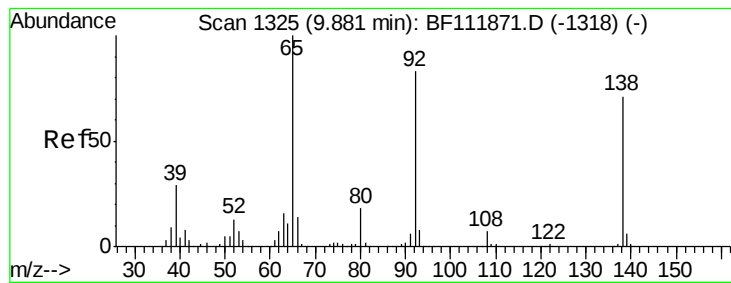
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#52
Acenaphthene
Concen: 38.612 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.7	89.4	134.0
152	53.6	43.1	64.7





#53

3-Nitroaniline

Concen: 44.826 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

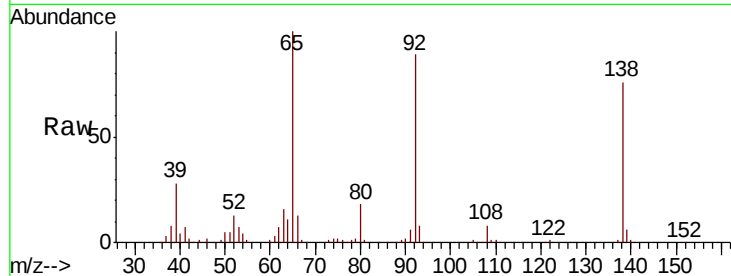
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	116292
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.2	12.4
92	117.7	93.5	140.3

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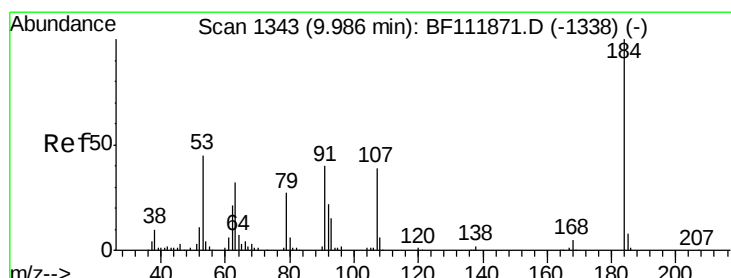
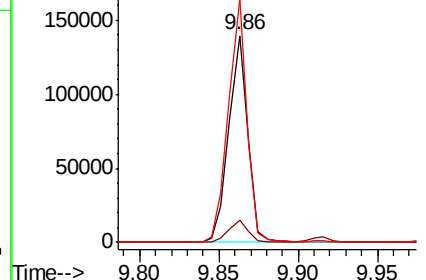
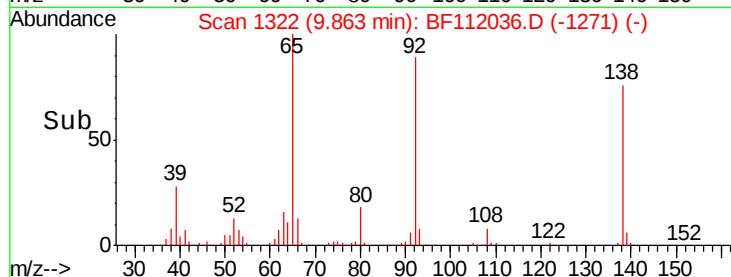
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 2.645 ng

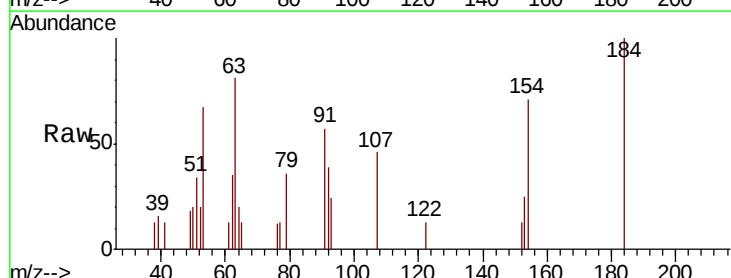
RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

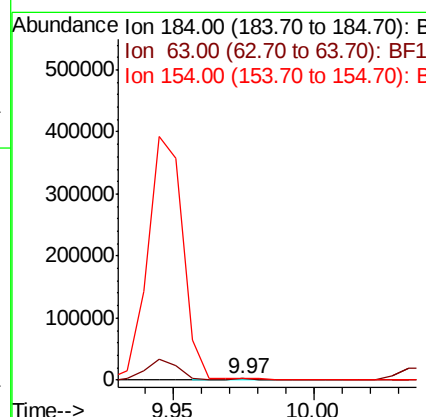
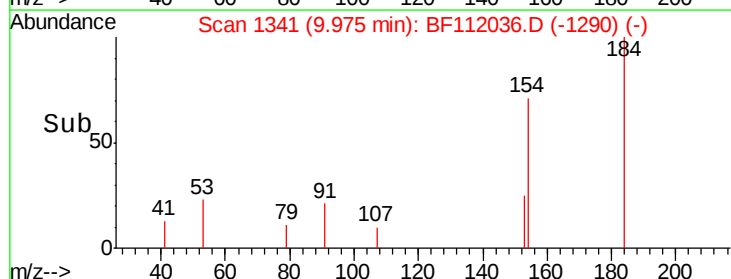
Tgt Ion:	184	Resp:	2713
Ion Ratio	Lower	Upper	
184	100		
63	81.3	46.9	70.3#
154	71.3	46.9	70.3#

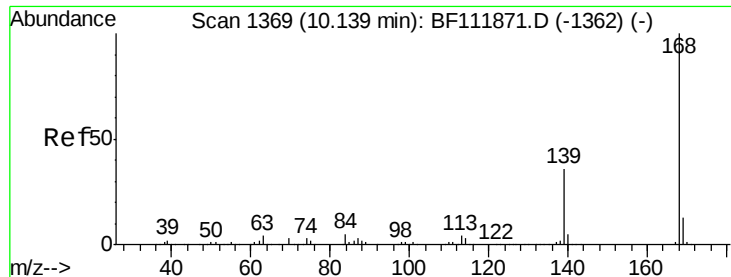


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.468 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

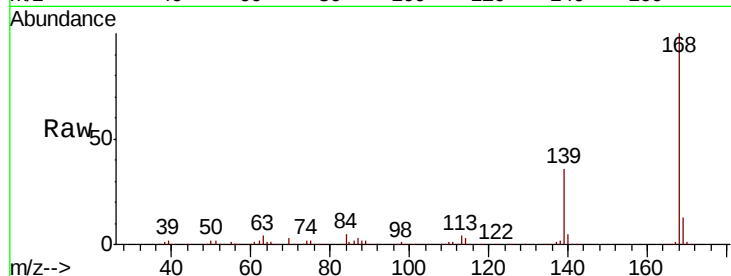
ClientSampleId :

SSTDCCC040

Tot Ion:	168	Resp:	544181
Ion Ratio	Lower	Upper	
168	100		
139	35.8	29.3	43.9
169	12.7	10.6	16.0

Manual Integrations
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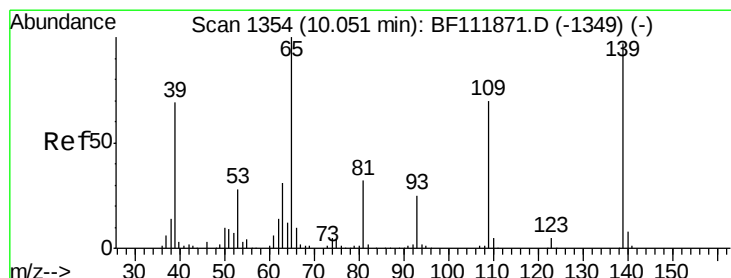
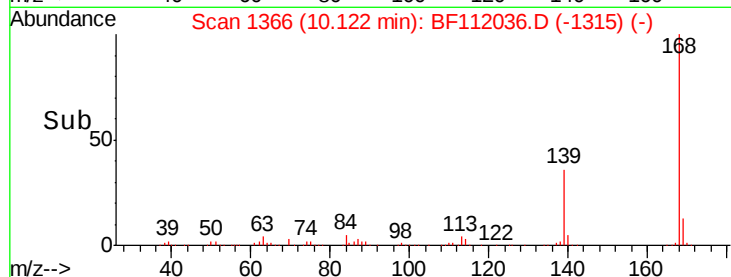
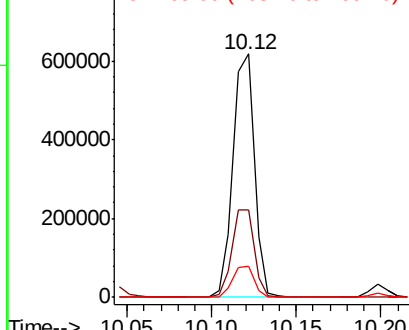


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.543 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

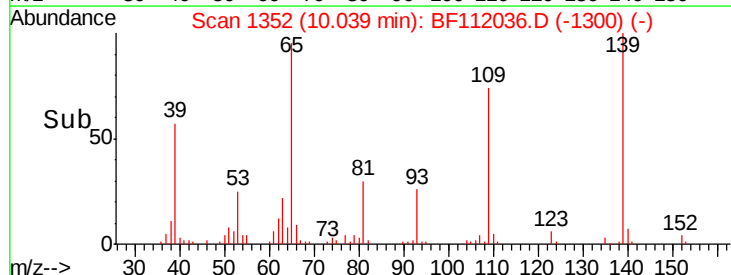
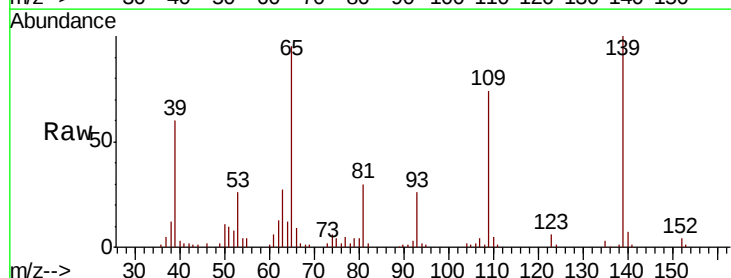
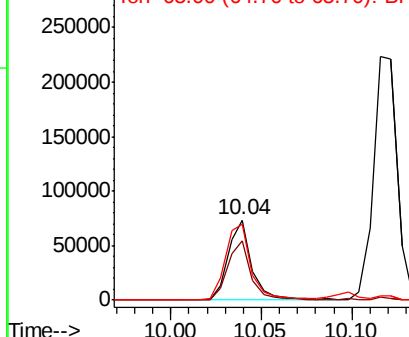
Tgt Ion:	139	Resp:	66986
Ion Ratio	Lower	Upper	
139	100		
109	73.7	52.2	92.2
65	95.2	83.1	123.1

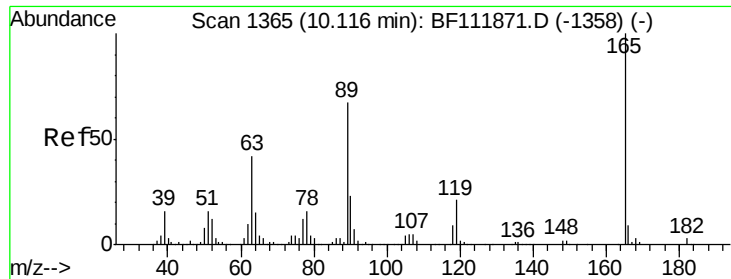
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





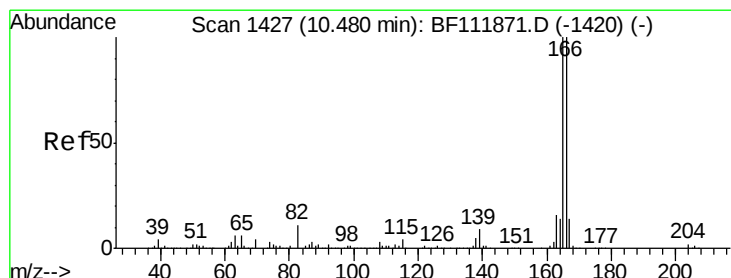
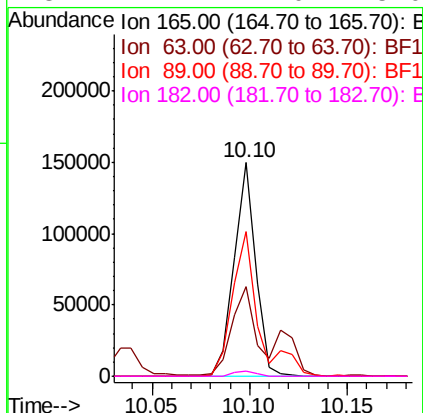
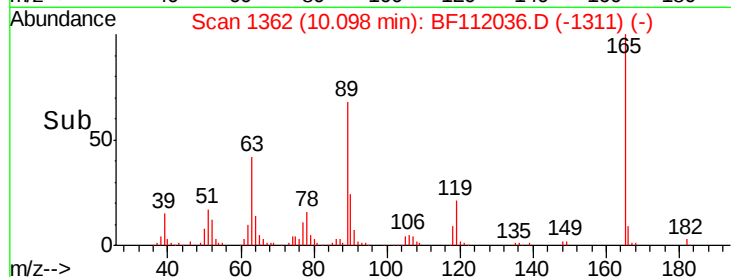
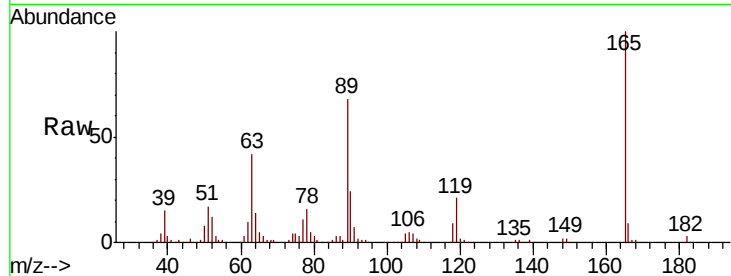
#57
2,4-Dinitrotoluene
Concen: 36.871 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		115415		
63	42.1	34.1	51.1		
89	67.7	53.5	80.3		
182	2.7	2.0	3.0		

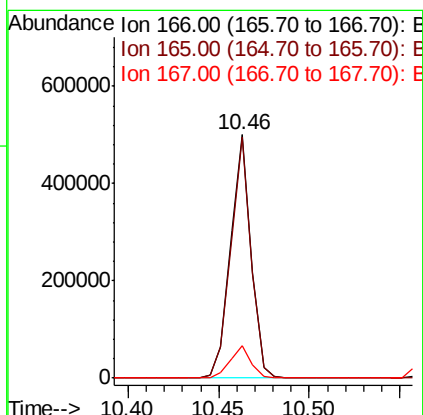
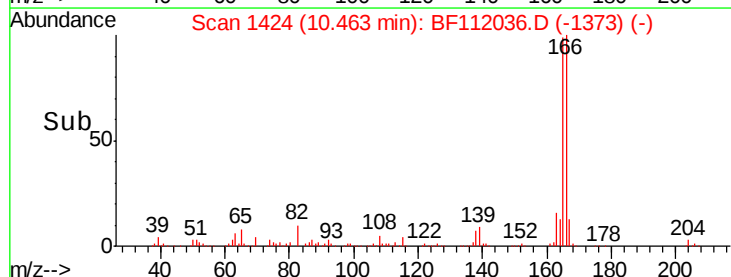
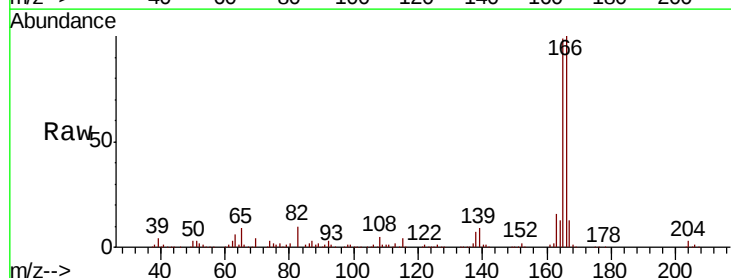
Manual Integrations
APPROVED

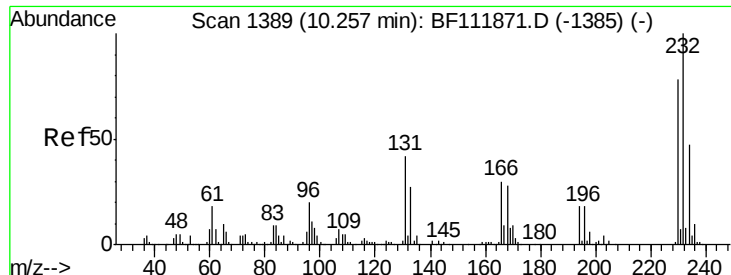
Sohil
1/14/2019 4:10:46 PM



#58
Fluorene
Concen: 41.301 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		394375		
165	99.0	79.7	119.5		
167	13.3	11.1	16.7		





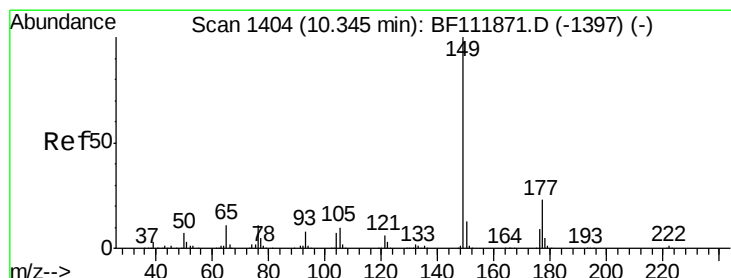
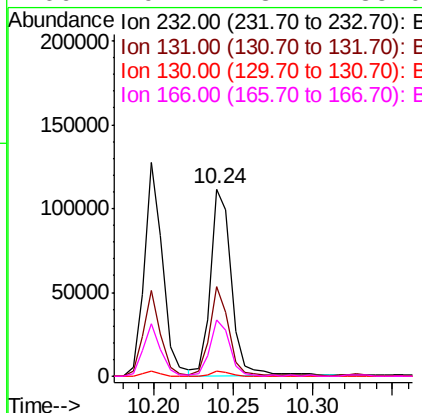
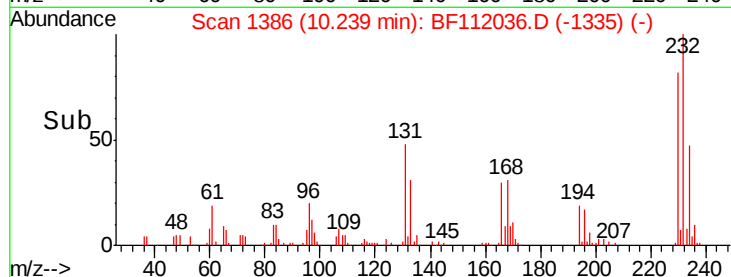
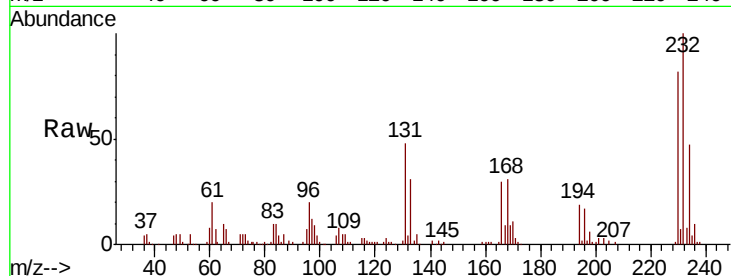
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.346 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	102804
Ion Ratio	Lower	Upper	
232	100		
131	45.2	34.0	51.0
130	2.2	1.6	2.4
166	29.4	23.4	35.0

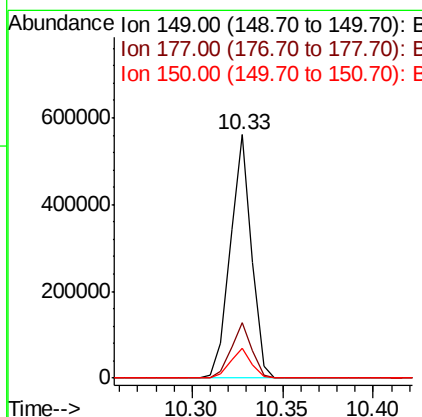
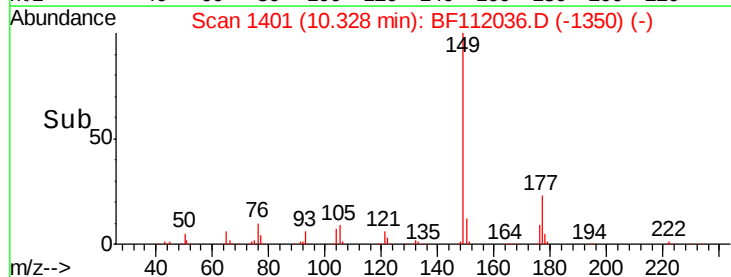
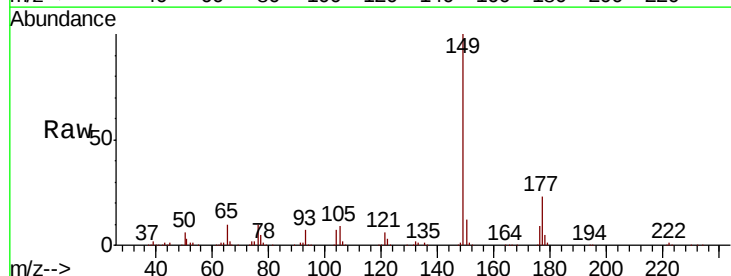
Manual Integrations
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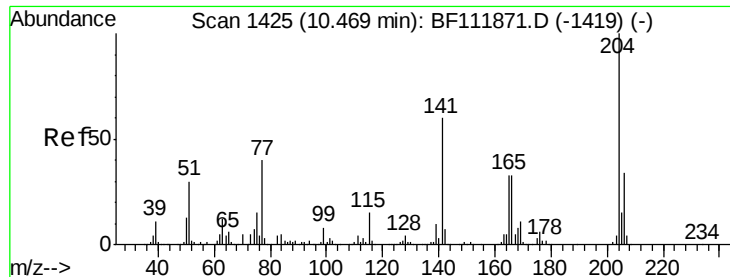
Sohil
1/14/2019 4:10:46 PM



#60
Diethylphthalate
Concen: 43.347 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion:	149	Resp:	454440
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.3	27.5
150	12.2	10.2	15.4





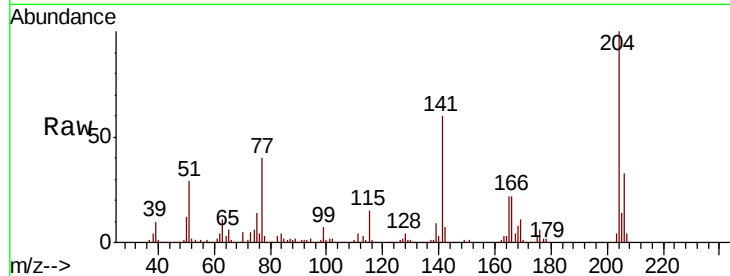
#61
4-Chlorophenyl-phenylether
Concen: 41.604 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.9	40.3
141	59.6	47.9	71.9

Manual Integrations
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Sohil
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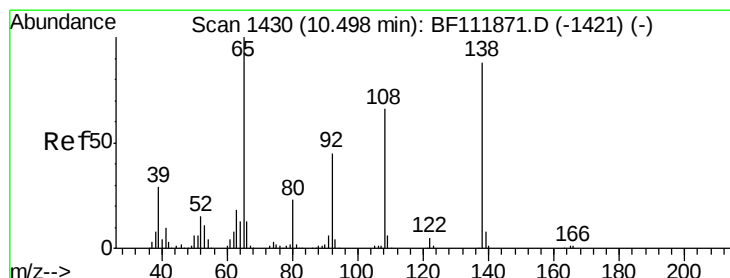
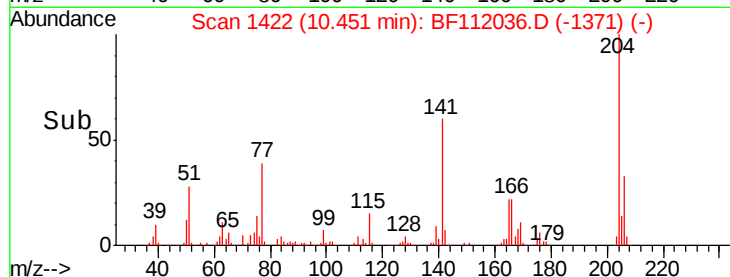
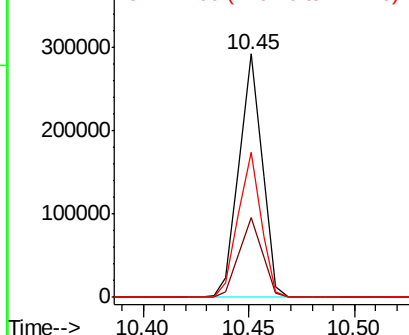


Abundance

Ion 204.00 (203.70 to 204.70): E

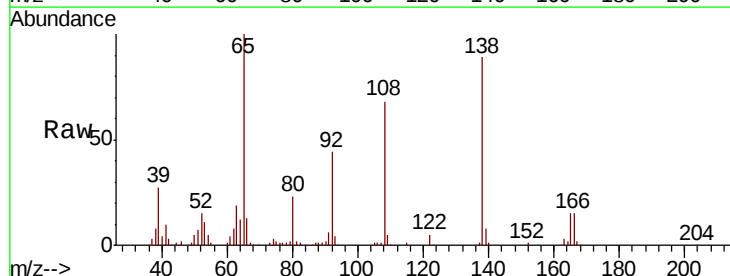
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.207 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.0	71.0
108	77.0	54.7	94.7

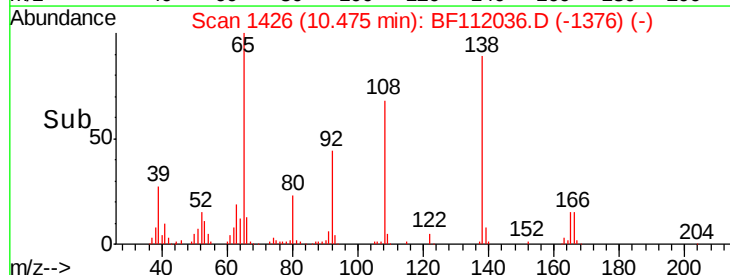
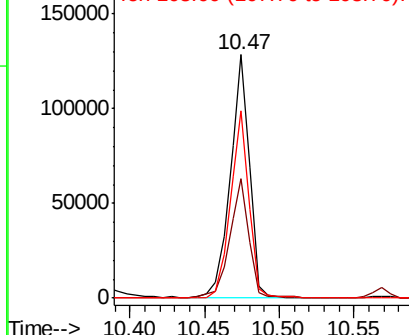


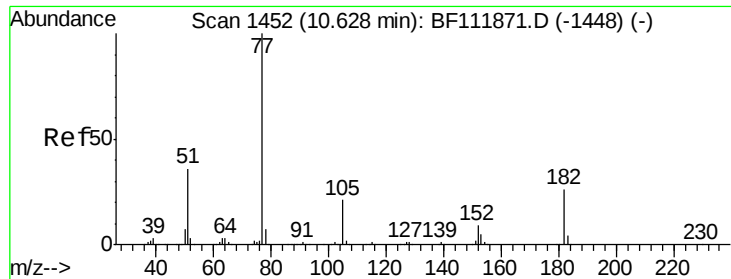
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





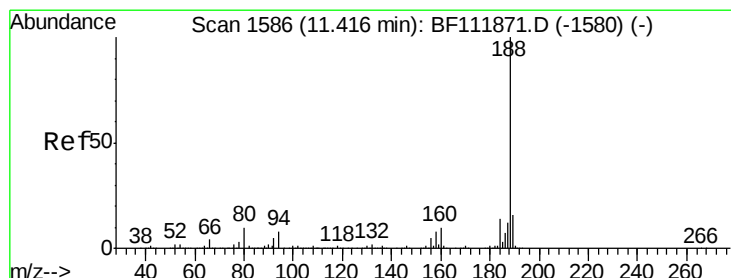
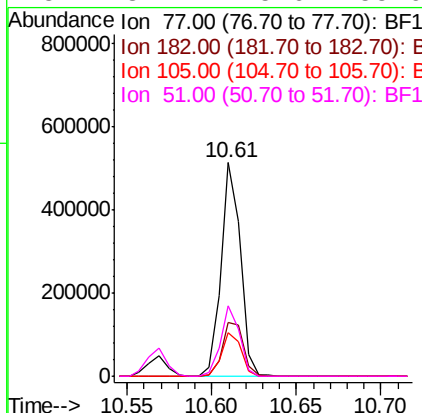
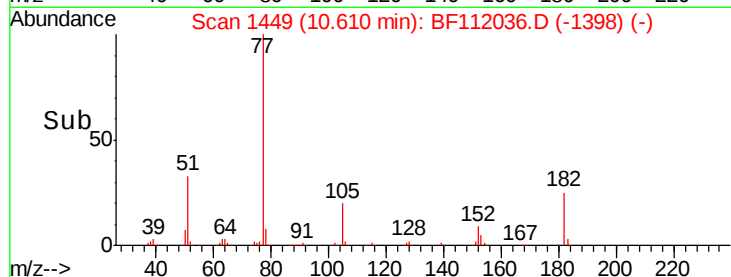
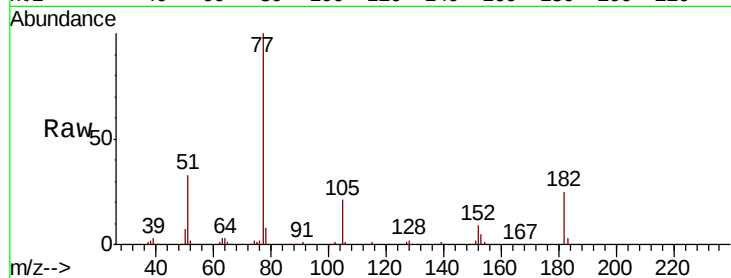
#63
Azobenzene
Concen: 41.095 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	5.7	45.7
105	20.6	0.8	40.8
51	32.7	15.6	55.6

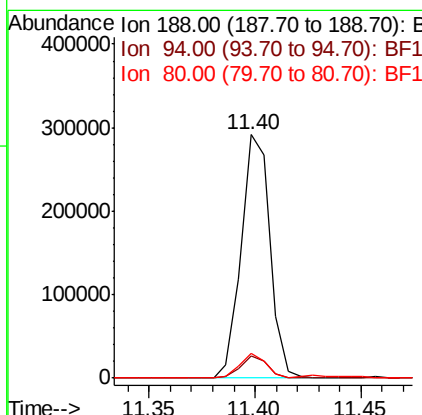
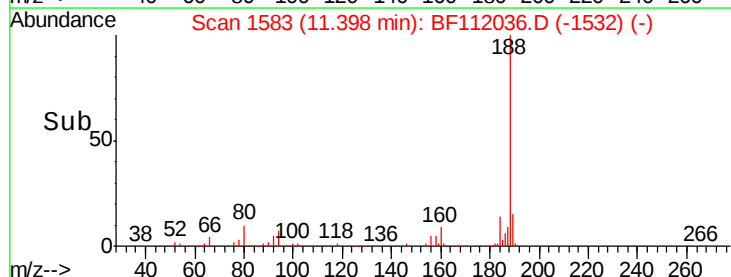
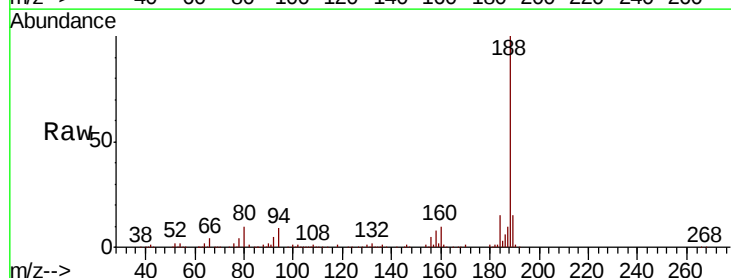
Manual Integrations
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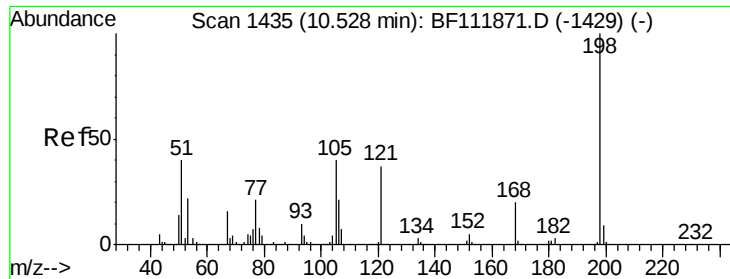
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	10.2	7.7	11.5





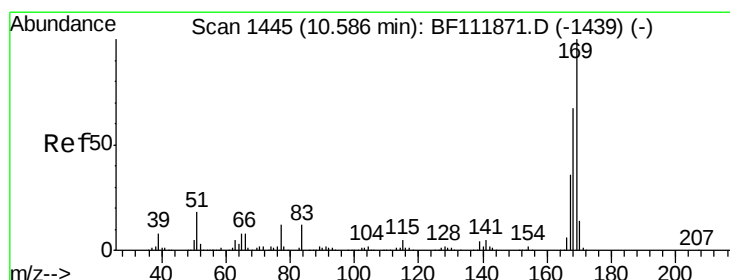
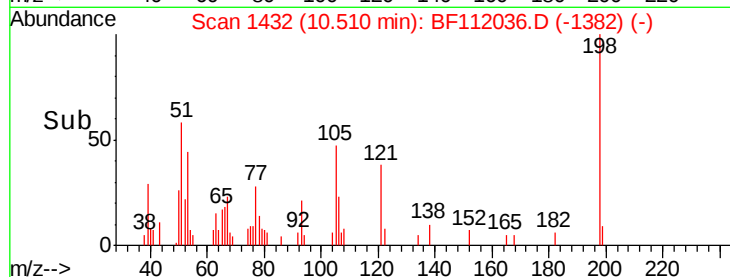
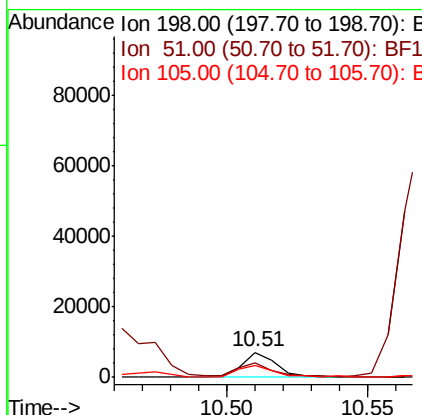
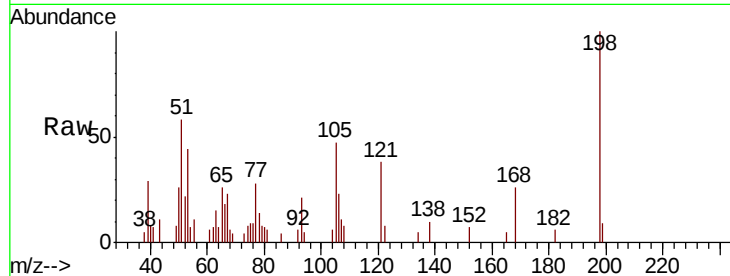
#65
4,6-Dinitro-2-methylphenol
Concen: 3.433 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	5816		
51	57.5		27.2	67.2
105	47.5		21.0	61.0

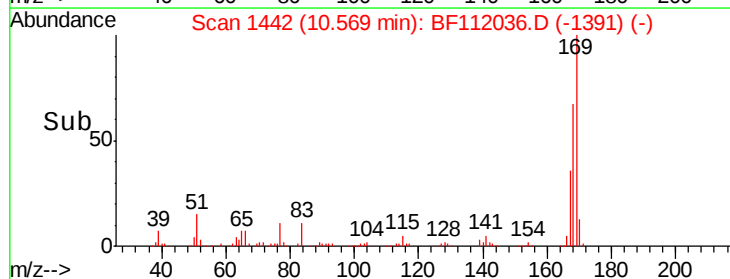
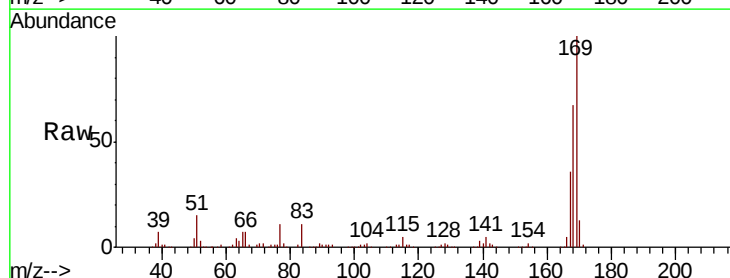
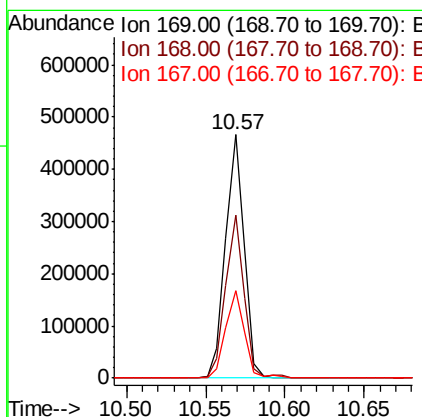
Manual Integrations
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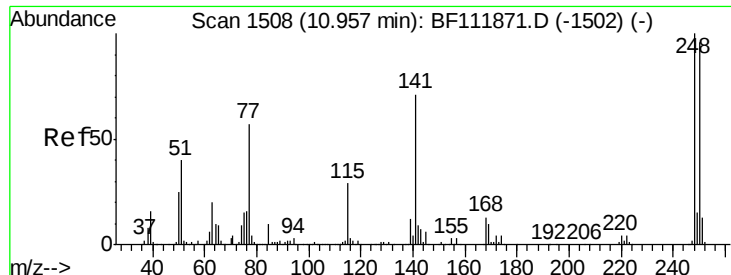
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#66
n-Nitrosodiphenylamine
Concen: 41.178 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	379392		
168	66.9		53.8	80.6
167	35.7		29.1	43.7





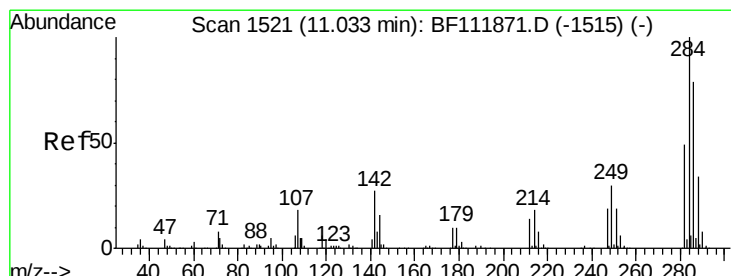
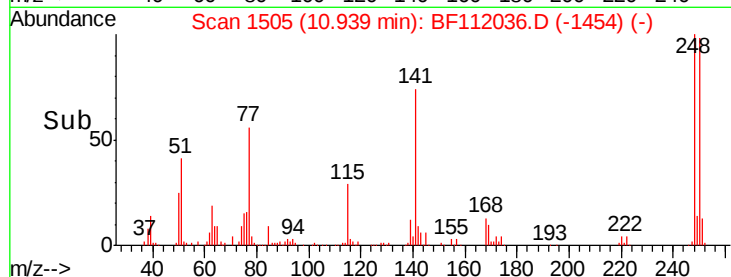
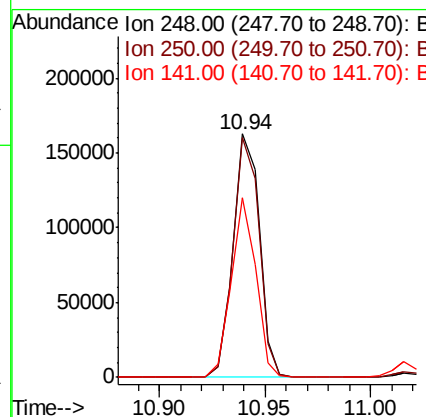
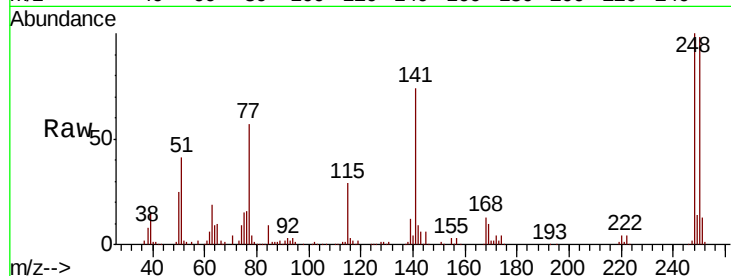
#67
 4-Bromophenyl-phenylether
 Concen: 39.254 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.8	115.2
141	74.0	57.0	85.6

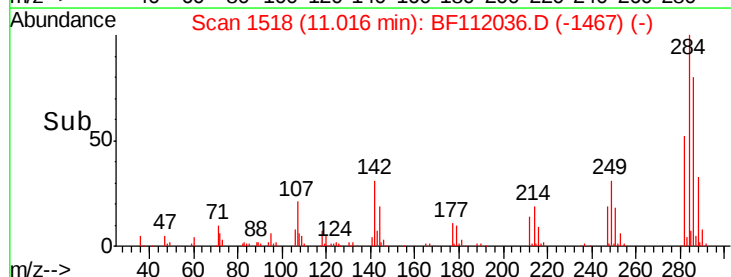
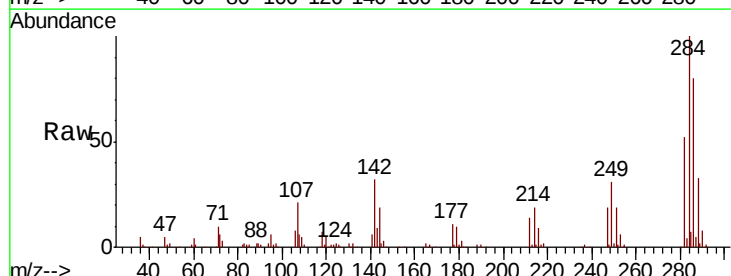
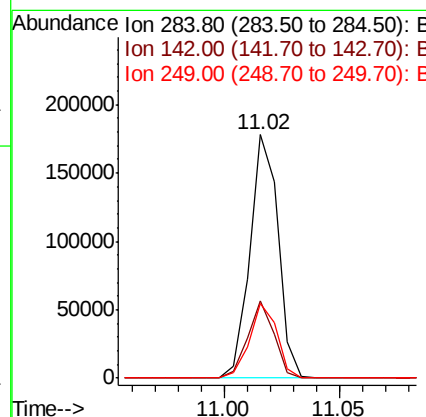
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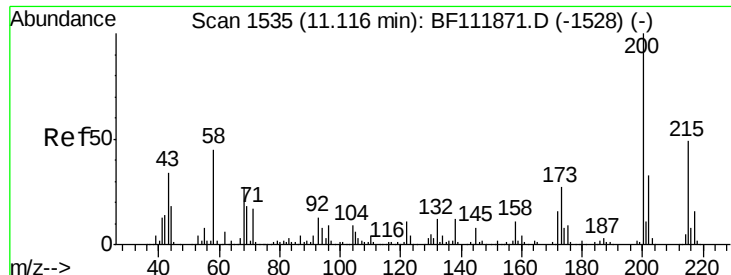
Sohil
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#68
 Hexachlorobenzene
 Concen: 38.682 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	21.8	32.6
249	30.8	23.8	35.6





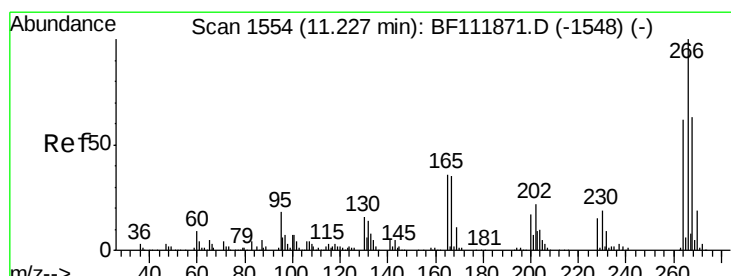
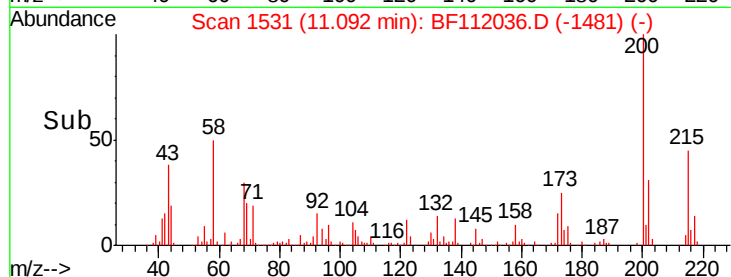
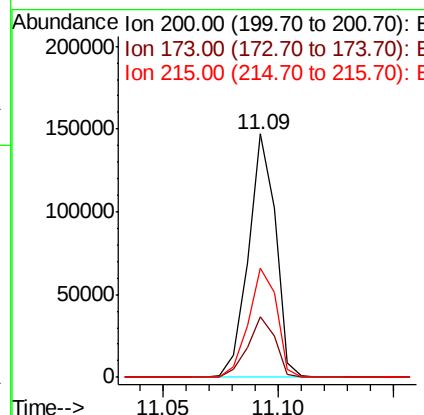
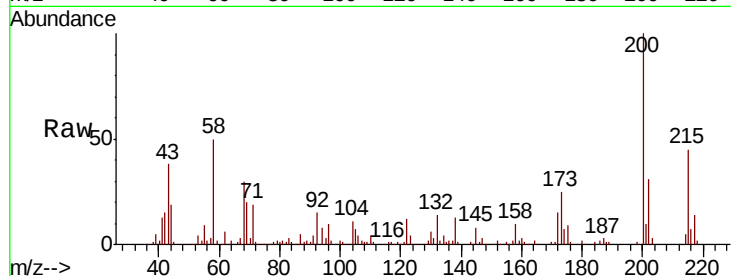
#69
Atrazine
Concen: 37.428 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	6.6	46.6
215	45.0	28.9	68.9

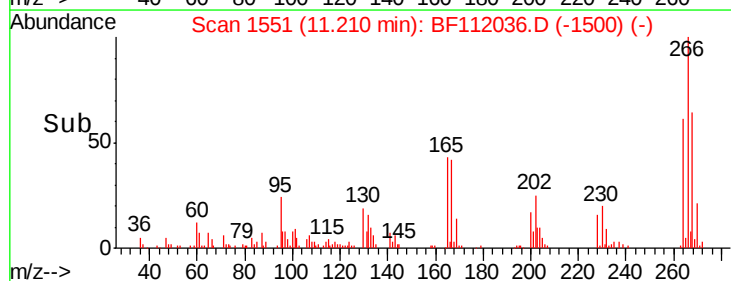
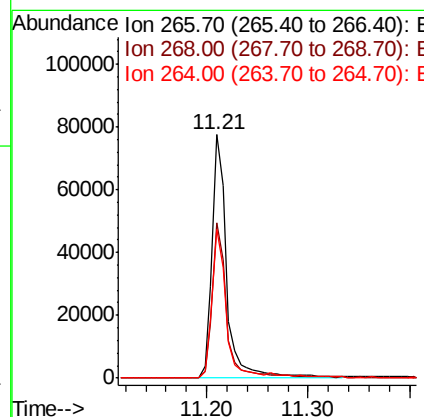
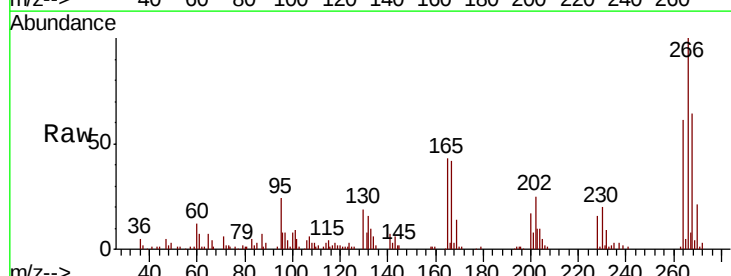
Manual Integrations
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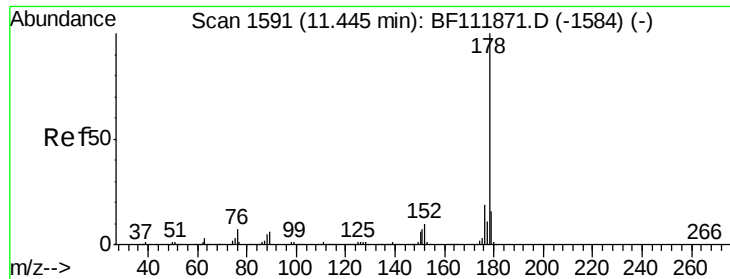
Sohil
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#70
Pentachlorophenol
Concen: 35.249 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	50.6	76.0
264	61.3	49.3	73.9





#71

Phenanthrene

Concen: 40.959 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

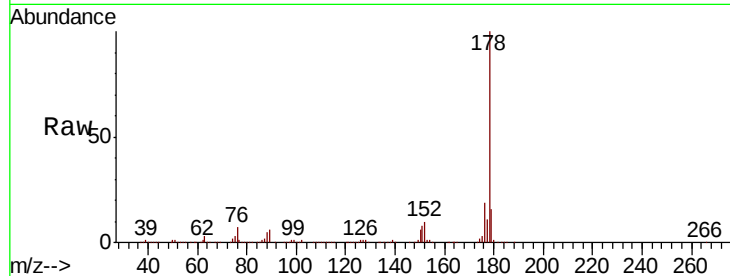
ClientSampleId :

SSTDCCC040

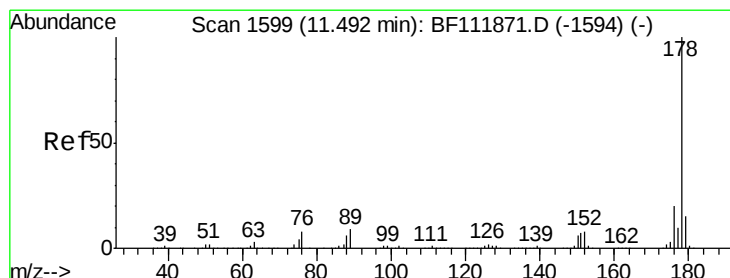
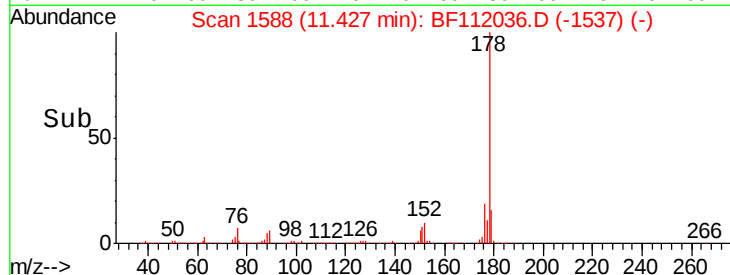
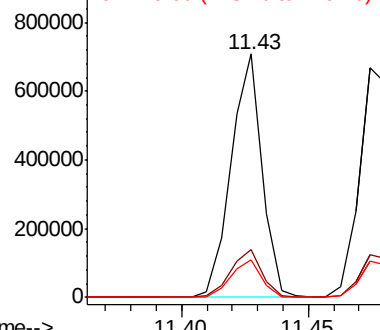
Tot Ion:178	Resp:	601240
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.6 23.4
179	15.5	12.6 18.8

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.071 ng

RT: 11.47 min Scan# 1596

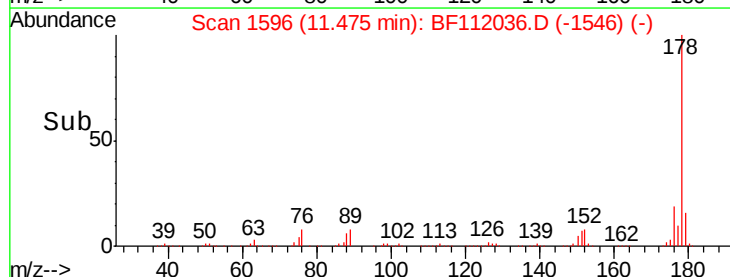
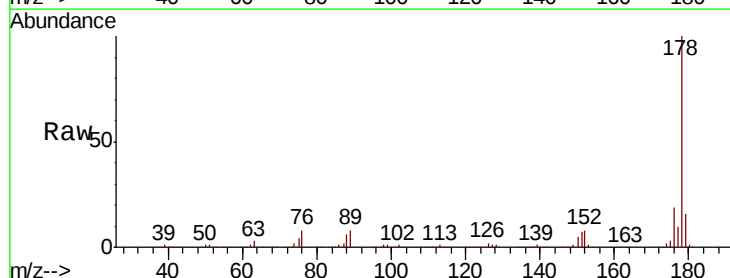
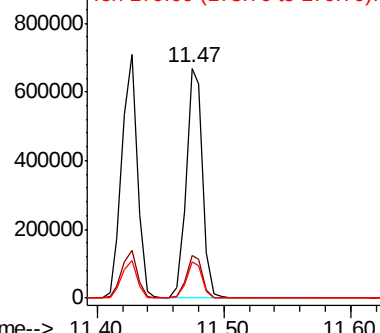
Delta R.T. -0.01 min

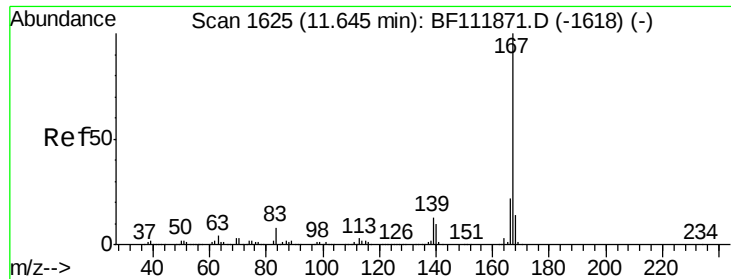
Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:178	Resp:	612002
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.7 23.5
179	15.5	12.4 18.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





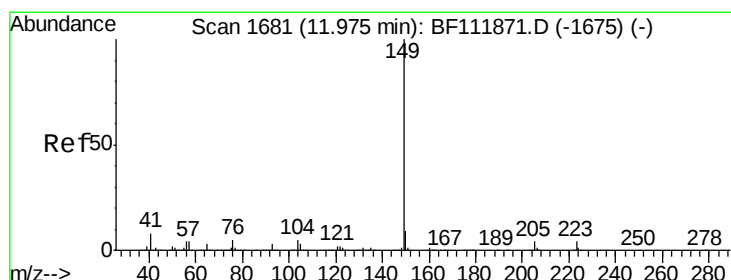
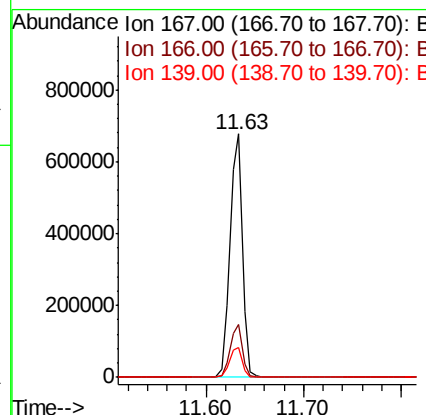
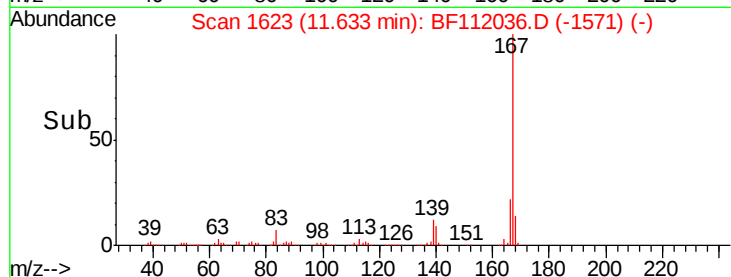
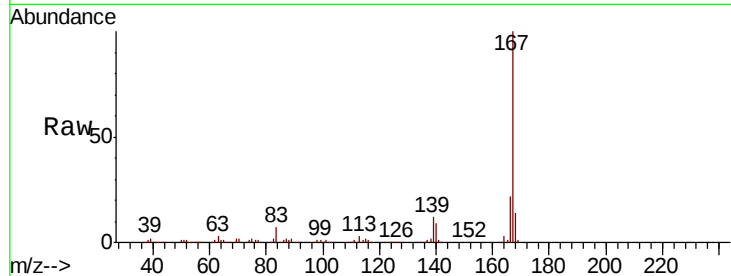
#73
 Carbazole
 Concen: 41.378 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.4	10.6	16.0

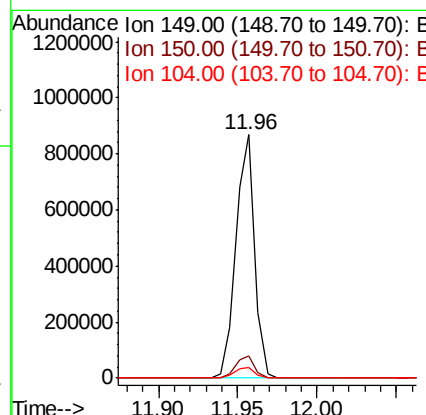
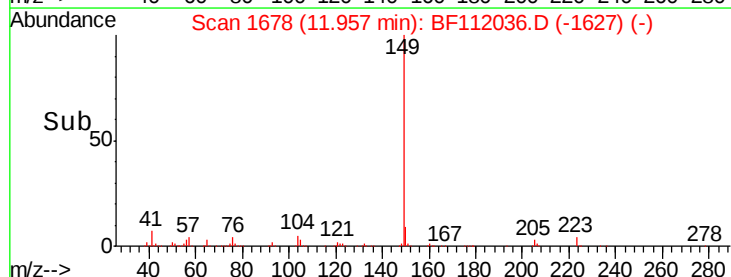
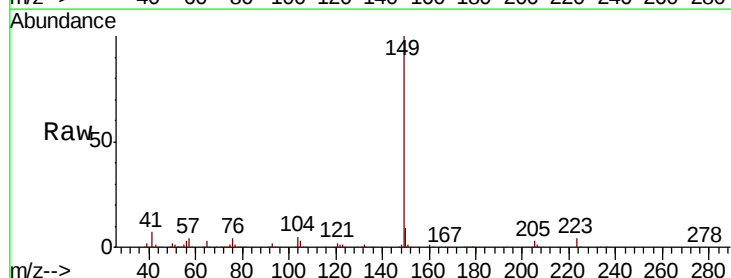
Manual Integrations
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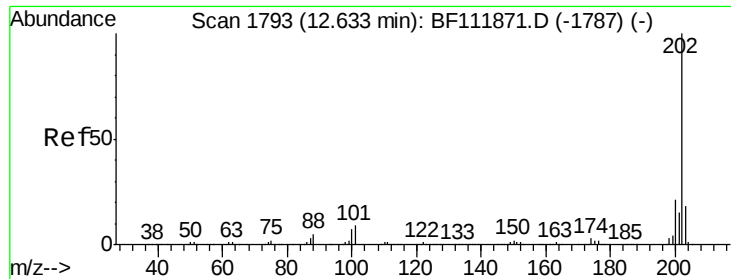
Sohil
 1/14/2019 4:10:46 PM



#74
 Di-n-butylphthalate
 Concen: 42.020 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.6	3.9	5.9





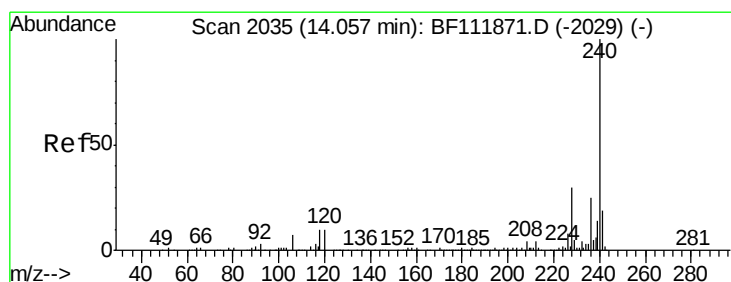
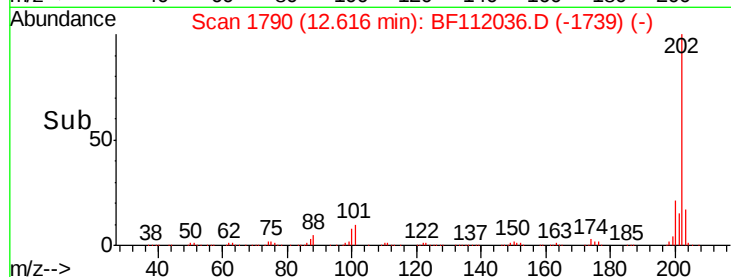
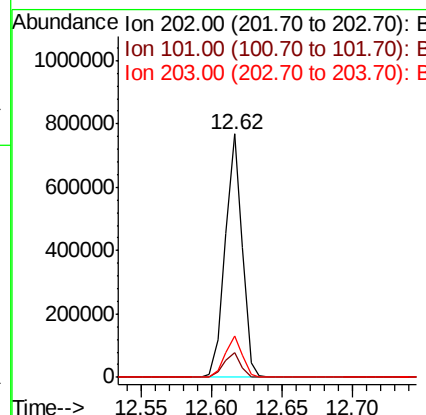
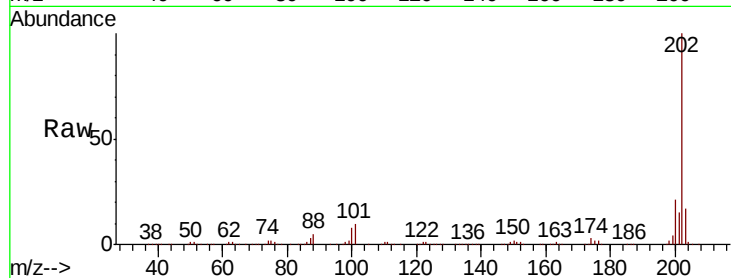
#75
 Fluoranthene
 Concen: 42.704 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	29.3
203	17.1	0.0	37.6

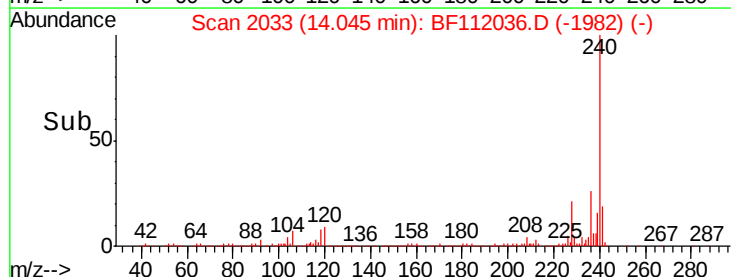
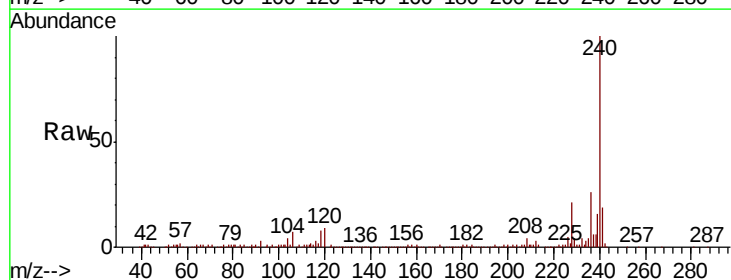
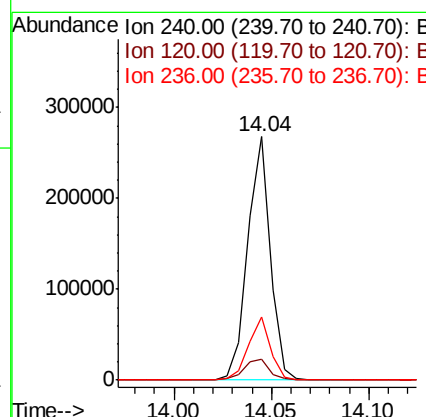
Manual Integrations
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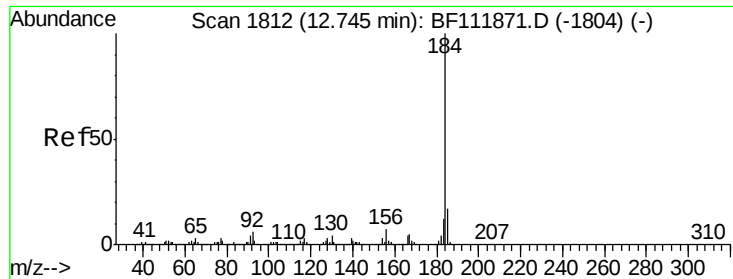
Sohil
 1/14/2019 4:10:46 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF112036.D
 Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.2	20.2	30.4





#77

Benzidine

Concen: 51.513 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

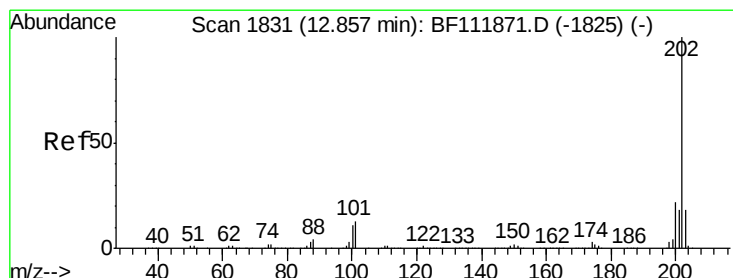
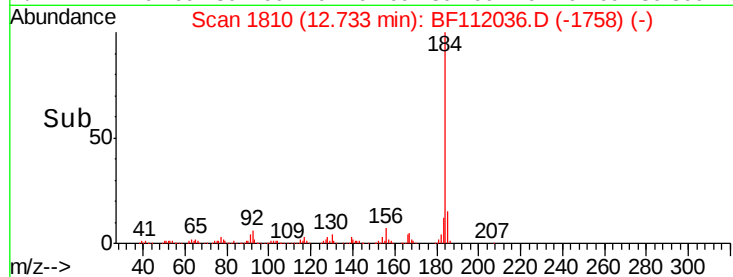
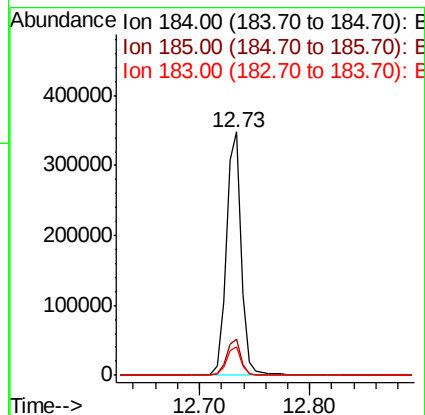
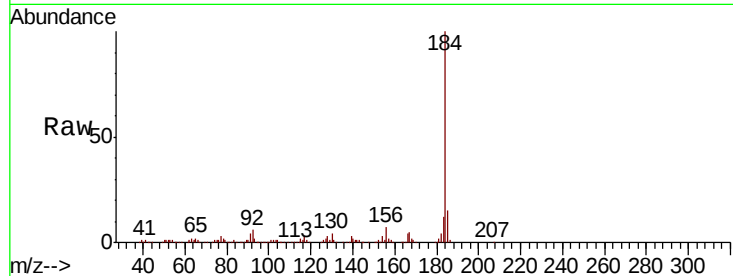
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	330870
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.0
183	12.0	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 44.398 ng

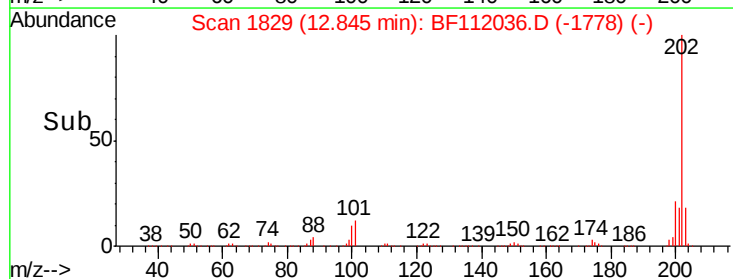
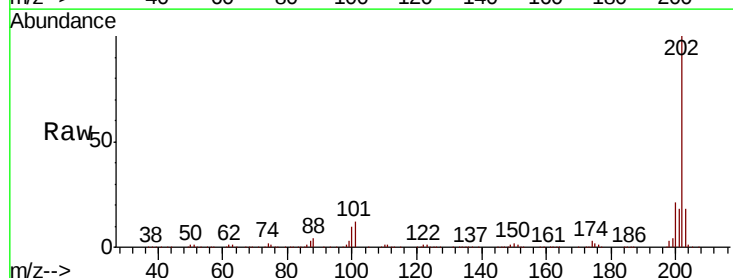
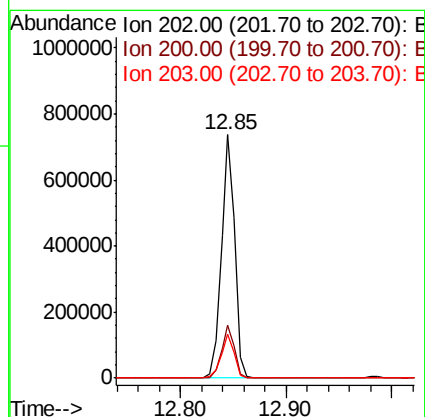
RT: 12.85 min Scan# 1829

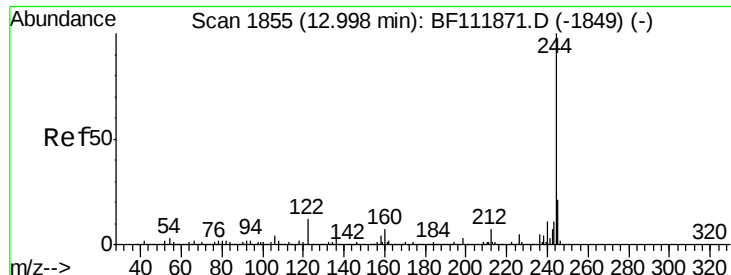
Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Tgt Ion:	202	Resp:	656664
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.9	14.6	21.8





#79

Terphenyl-d14

Concen: 91.348 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:244 Resp: 1034444

Ion Ratio Lower Upper

244 100

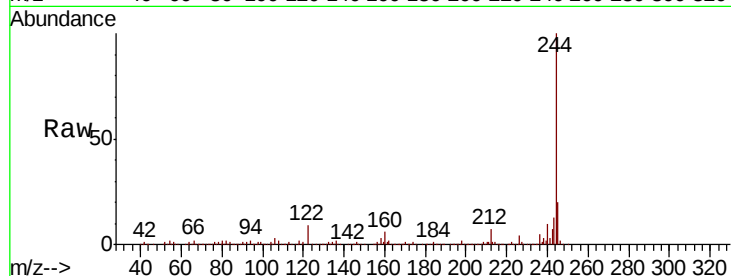
212 6.7 5.8 8.8

122 9.4 9.5 14.3#

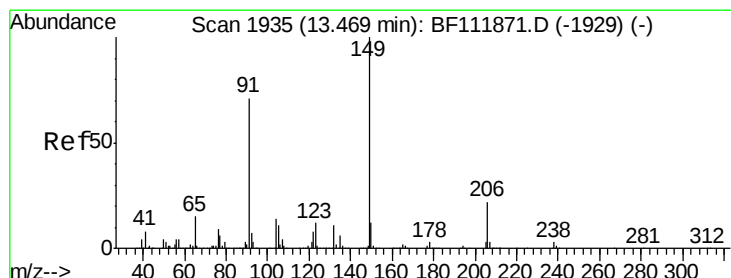
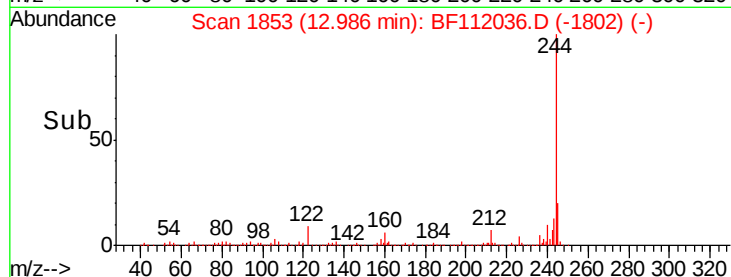
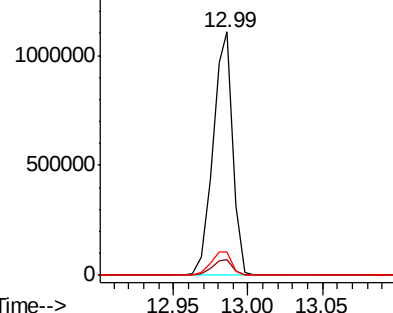
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Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.549 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF112036.D

Acq: 12 Jan 2019 1:13

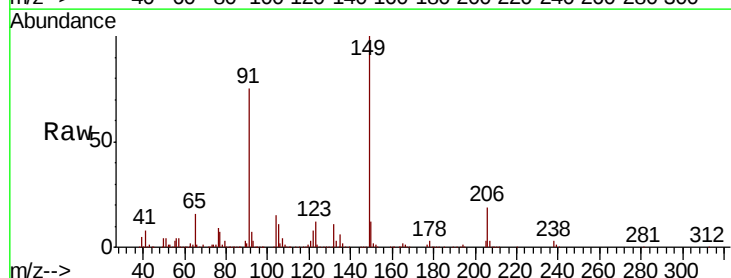
Tgt Ion:149 Resp: 303573

Ion Ratio Lower Upper

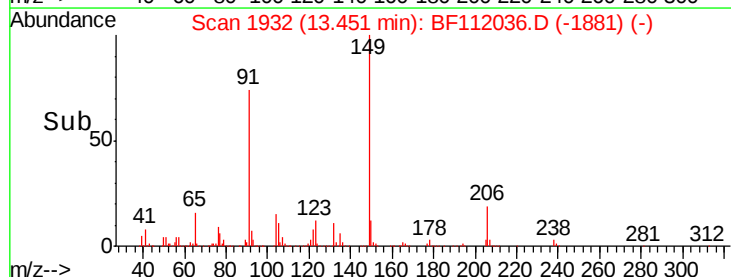
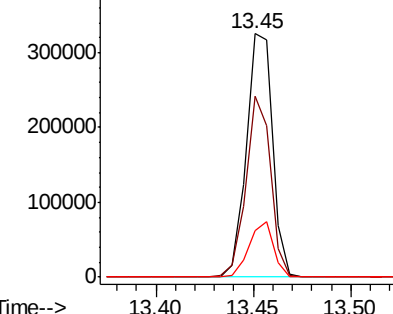
149 100

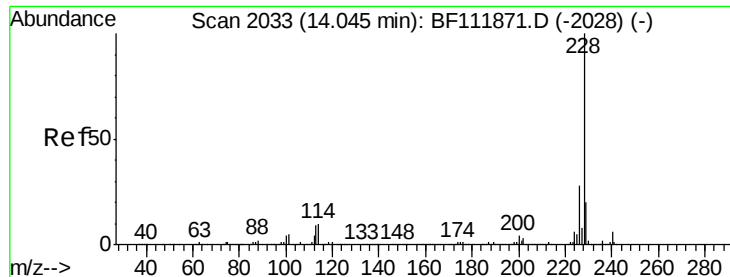
91 74.6 57.2 85.8

206 19.3 17.3 25.9



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





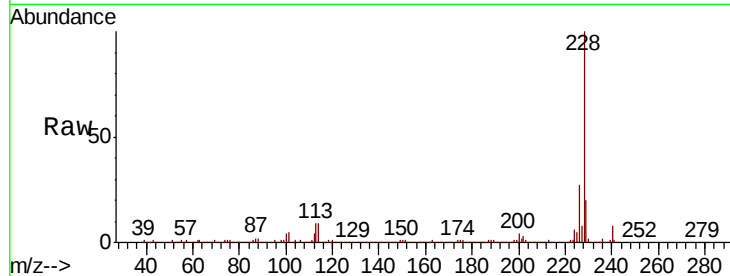
#81
Benzo(a)anthracene
Concen: 40.202 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	19.9	16.2	24.2

Manual Integrations
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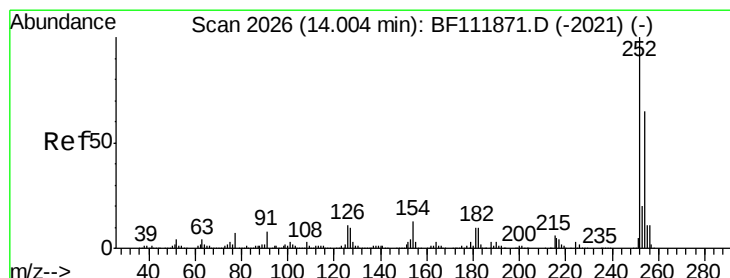
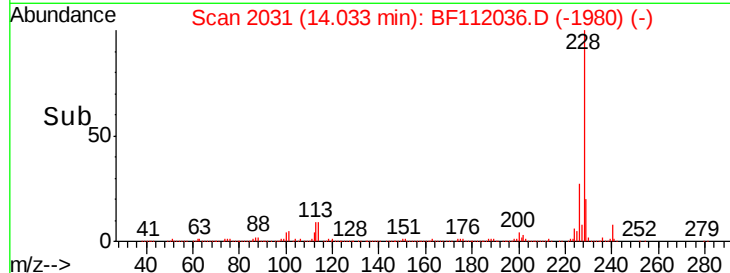
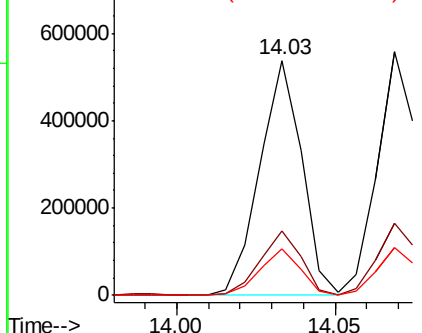


Abundance

Ion 228.00 (227.70 to 228.70): E

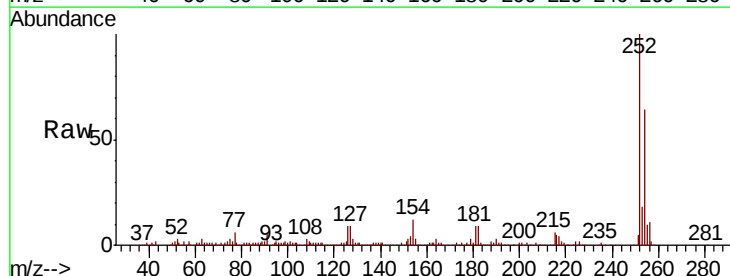
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 48.250 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	9.0	8.6	12.8

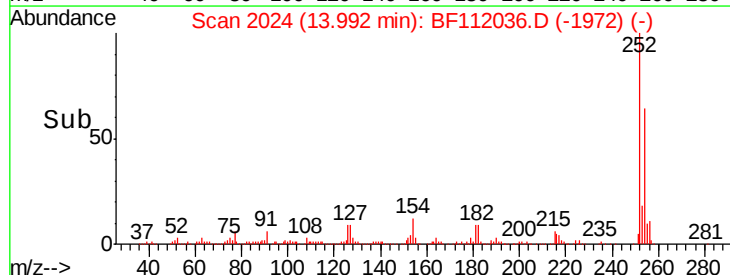
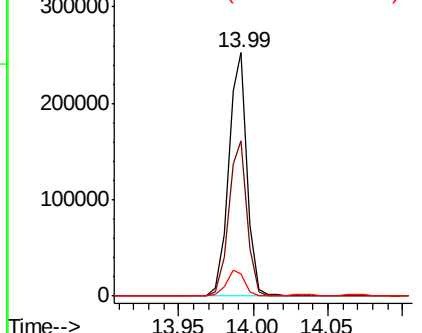


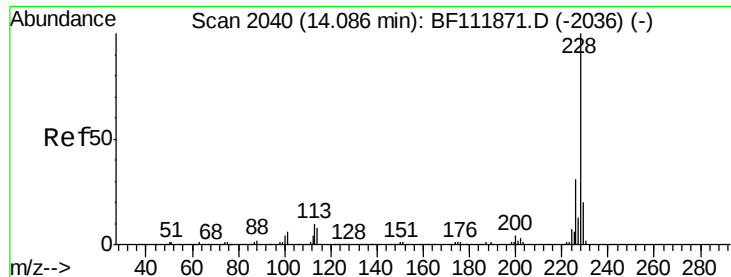
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





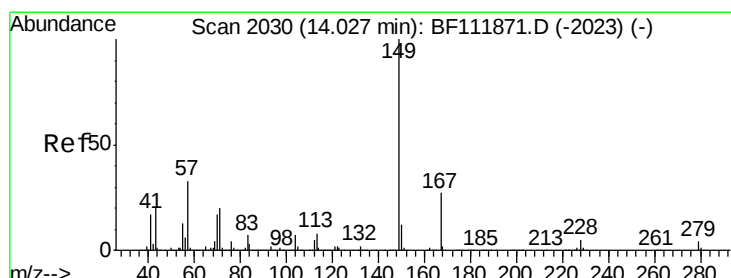
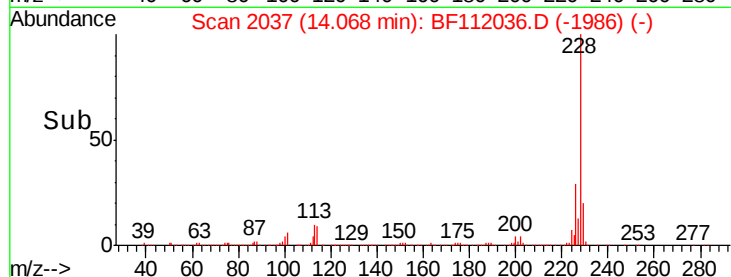
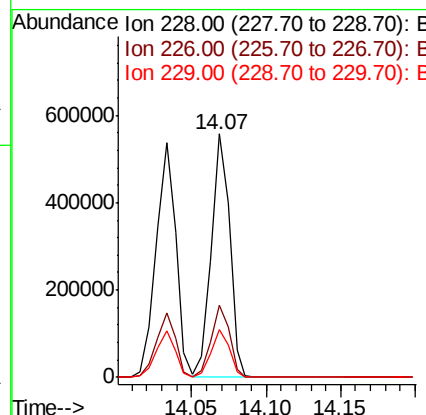
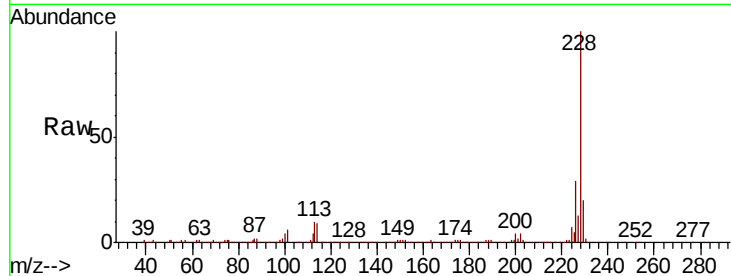
#83
Chrysene
Concen: 40.242 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	19.7	15.7	23.5

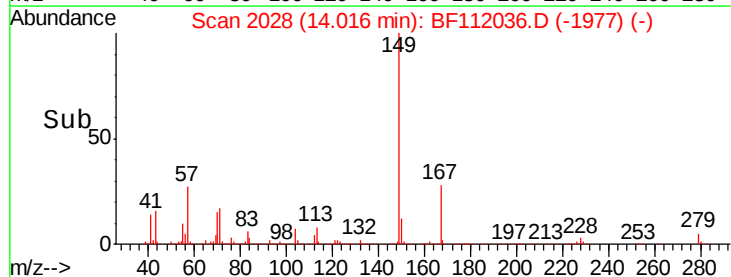
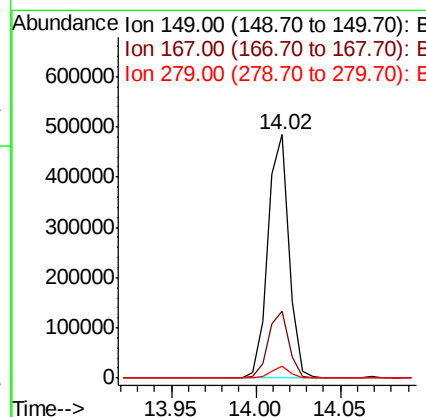
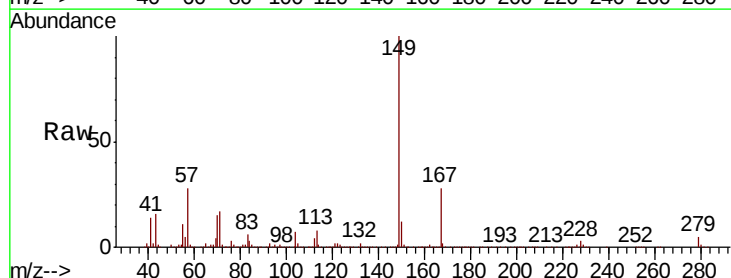
Manual Integrations
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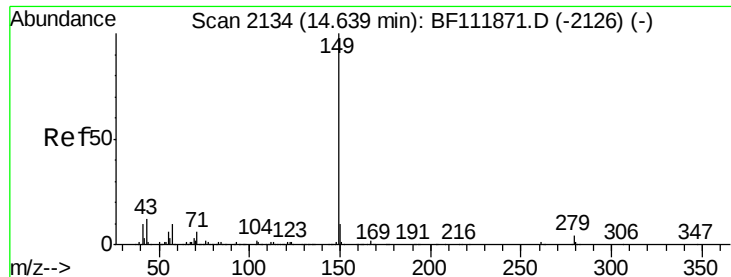
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.734 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.5	32.3
279	4.8	3.0	4.6#





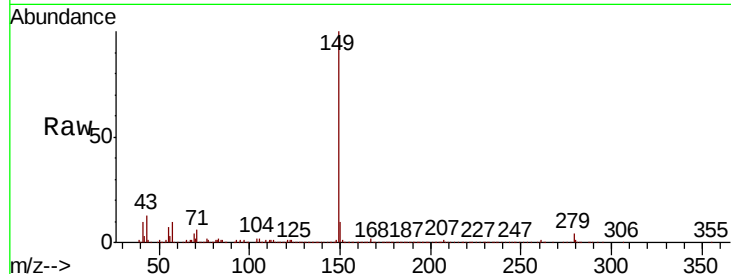
#85
Di-n-octyl phthalate
Concen: 50.131 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	9.1	13.7

Manual Integrations
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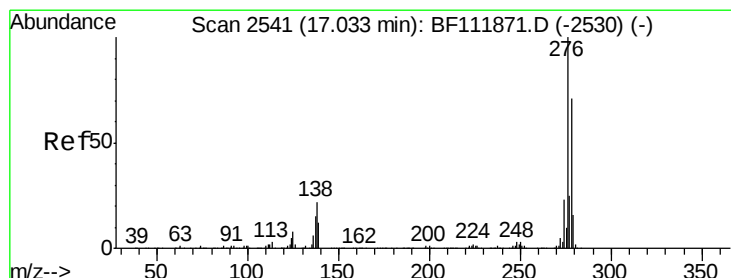
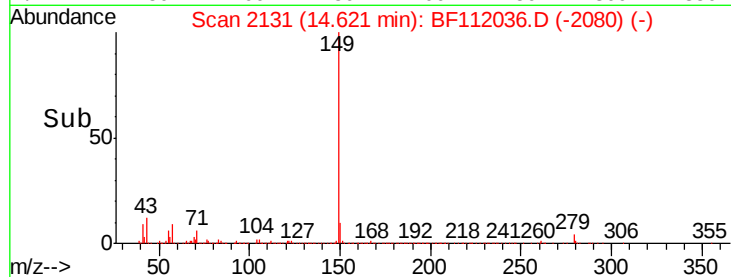
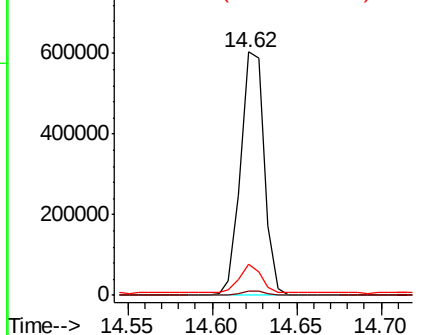


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.174 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

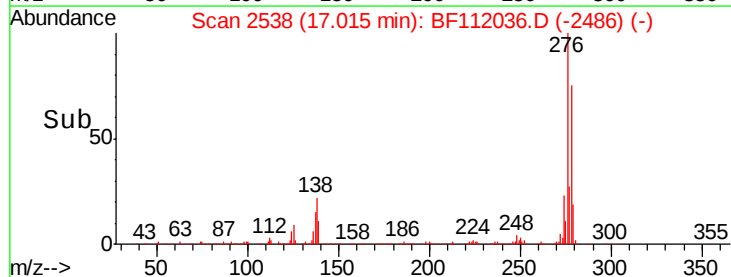
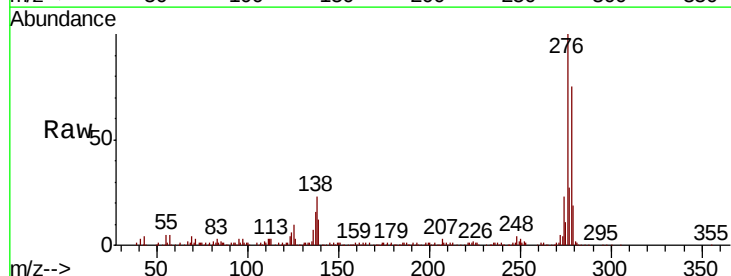
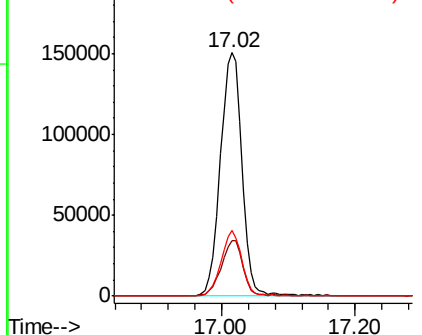
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.0	18.1	27.1
277	26.1	19.9	29.9

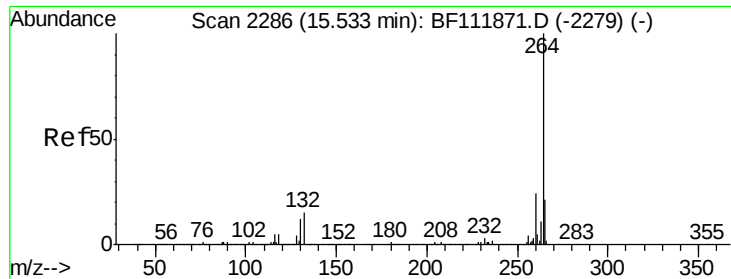
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





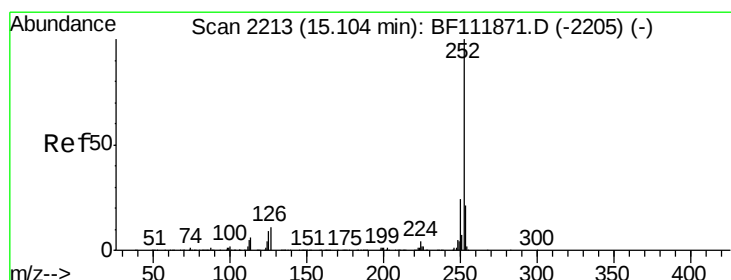
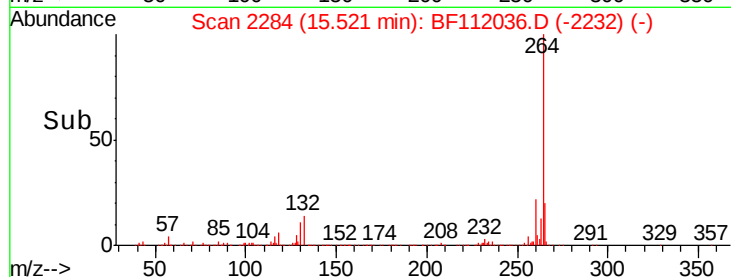
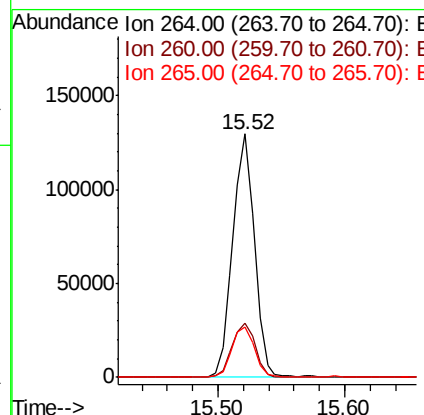
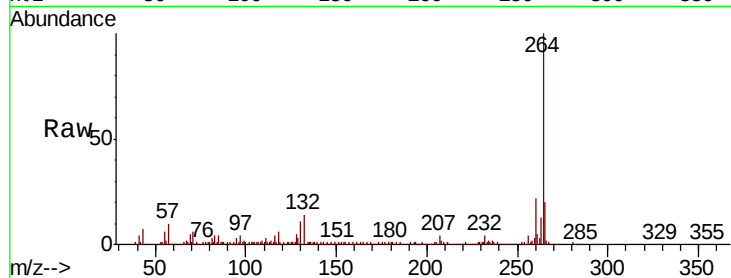
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.5	17.1	25.7

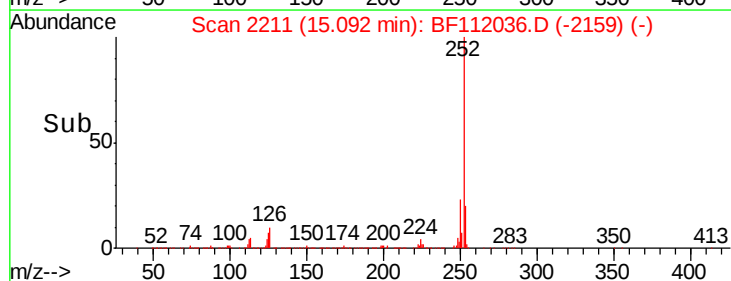
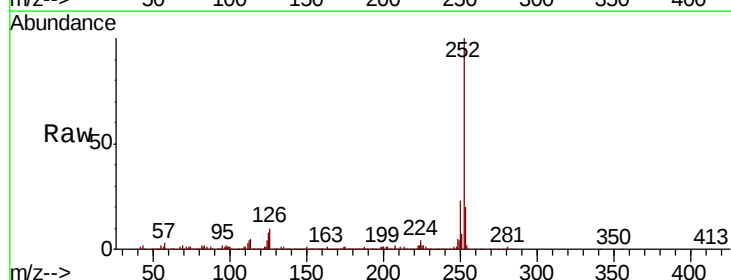
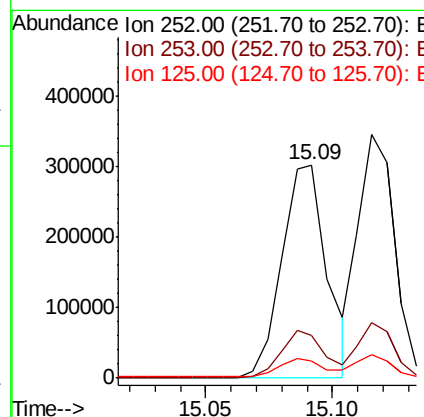
Manual Integrations
APPROVED

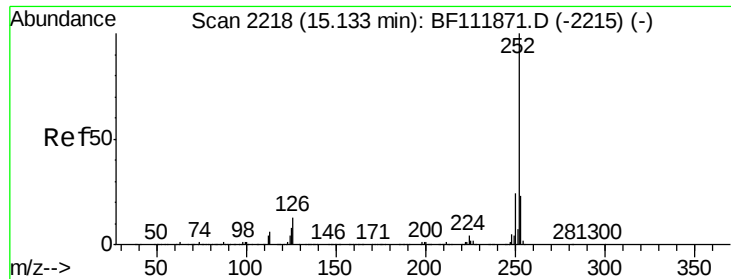
Sohil
1/14/2019 4:10:46 PM



#88
Benzo(b)fluoranthene
Concen: 40.675 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.0	25.6
125	7.9	7.1	10.7





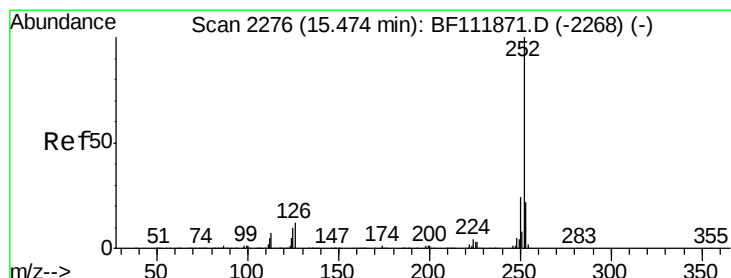
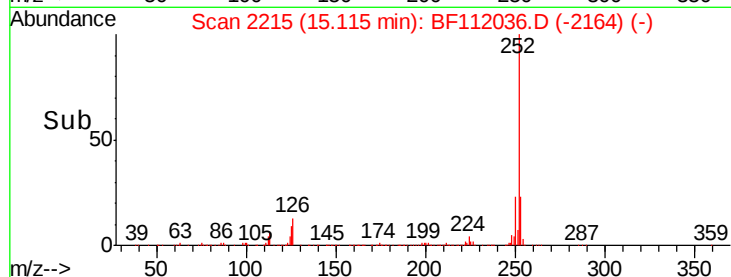
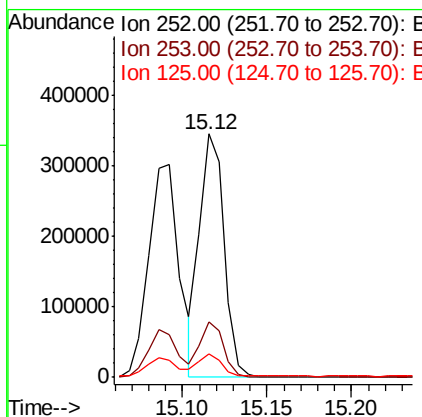
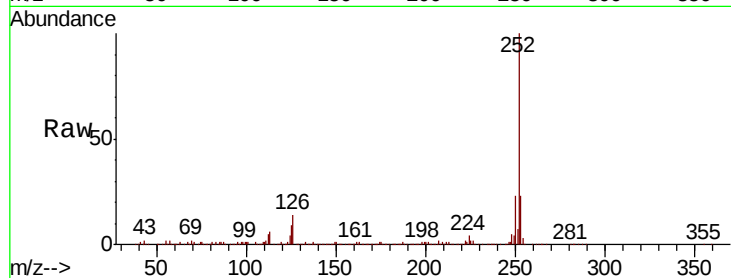
#89
Benzo(k)fluoranthene
Concen: 39.860 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	9.4	7.0	10.4

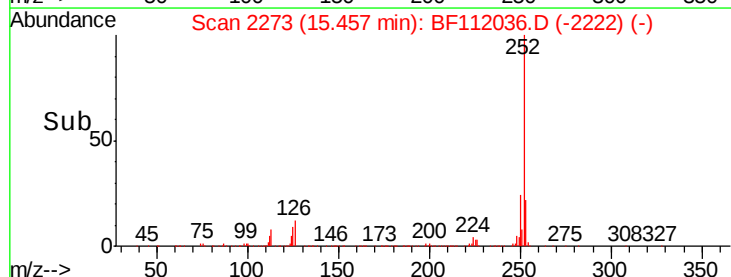
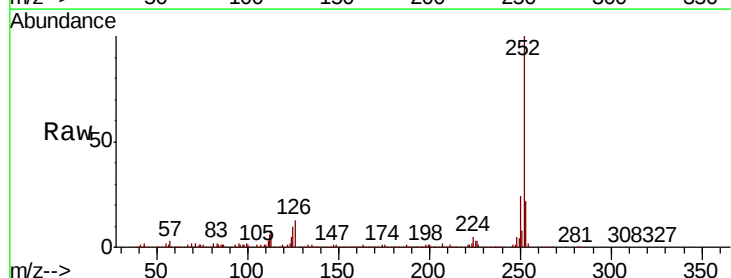
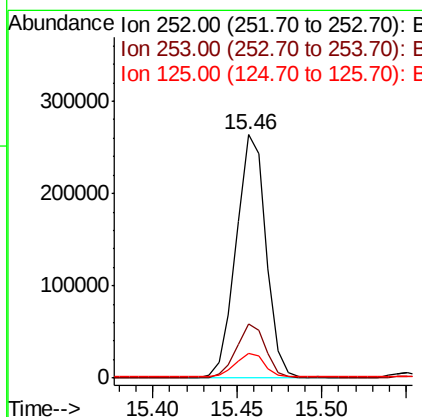
Manual Integrations
APPROVED

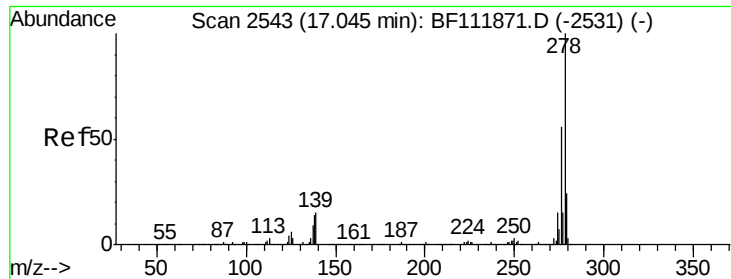
Sohil
1/14/2019 4:10:46 PM



#90
Benzo(a)pyrene
Concen: 40.258 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.1	7.9	11.9





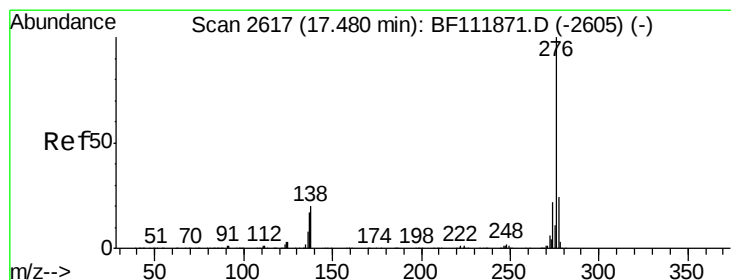
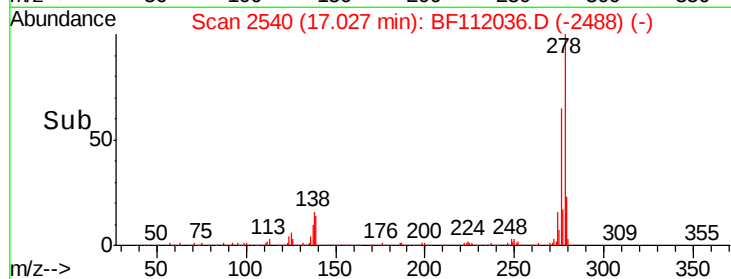
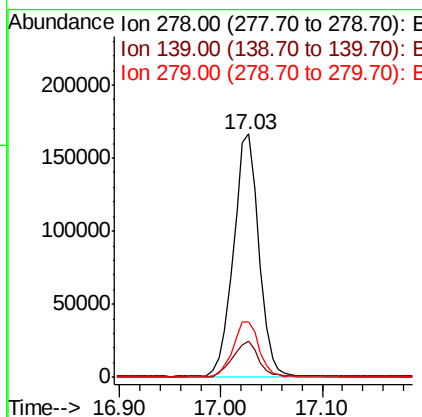
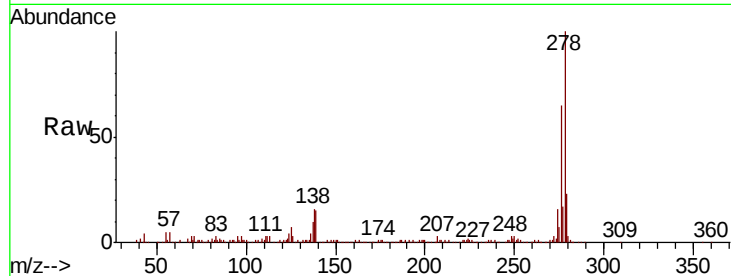
#91
Dibenzo(a,h)anthracene
Concen: 44.790 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.8	17.6
279	22.7	19.4	29.2

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:46 PM



#92
Benzo(g,h,i)perylene
Concen: 43.374 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.00 min
Lab File: BF112036.D
Acq: 12 Jan 2019 1:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	20.4	16.2	24.2

