

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113950.D
 Acq On : 24 Apr 2019 10:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 4/25/2019 5:26:54 PM

Quant Time: Apr 24 16:23:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148224	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	570132	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	297297	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	587691	20.00	ng	0.00
76) Chrysene-d12	14.06	240	433446	20.00	ng	-0.01
87) Perylene-d12	15.54	264	364276	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	689280	79.54	ng	0.00
7) Phenol-d6	6.53	99	868755	79.90	ng	0.00
23) Nitrobenzene-d5	7.46	82	793281	85.91	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	290297	80.16	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1525887	80.27	ng	0.00
79) Terphenyl-d14	13.00	244	1799330	85.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	159979	39.161	ng	96
3) Pyridine	3.47	79	439365	39.402	ng	98
4) n-Nitrosodimethylamine	3.42	42	144976	37.981	ng	95
6) Aniline	6.56	93	589535	39.486	ng	100
8) 2-Chlorophenol	6.69	128	397435	40.168	ng	98
9) Benzaldehyde	6.45	77	237132	37.850	ng	93
10) Phenol	6.54	94	512757	39.438	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	380857	38.927	ng	96
12) 1,3-Dichlorobenzene	6.84	146	451835	40.321	ng	99
13) 1,4-Dichlorobenzene	6.92	146	451738	40.079	ng	99
14) 1,2-Dichlorobenzene	7.07	146	422627	40.800	ng	99
15) Benzyl Alcohol	7.04	79	275945	37.683	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	429645	37.619	ng	91
17) 2-Methylphenol	7.15	107	352303	40.621	ng	98
18) Hexachloroethane	7.42	117	158332	40.074	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	268906	38.191	ng	98
20) 3+4-Methylphenols	7.30	107	402554	41.082	ng	# 89
22) Acetophenone	7.30	105	514859	40.581	ng	# 92
24) Nitrobenzene	7.48	77	431918	42.333	ng	96
25) Isophorone	7.72	82	737941	39.057	ng	99
26) 2-Nitrophenol	7.79	139	215325	46.260	ng	95
27) 2,4-Dimethylphenol	7.83	122	300866	39.673	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	477925	39.696	ng	98
29) 2,4-Dichlorophenol	8.04	162	358183	41.303	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	394723	40.821	ng	99
31) Naphthalene	8.20	128	1132574	41.816	ng	99
32) Benzoic acid	7.95	122	209481m	40.903	ng	
33) 4-Chloroaniline	8.25	127	460379	40.172	ng	98
34) Hexachlorobutadiene	8.32	225	243225	40.350	ng	98
35) Caprolactam	8.62	113	108030	39.160	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	349405	40.668	ng	98
37) 2-Methylnaphthalene	8.89	142	741288	40.587	ng	98
38) 1-Methylnaphthalene	8.99	142	717836	40.721	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396374	41.045	ng	99

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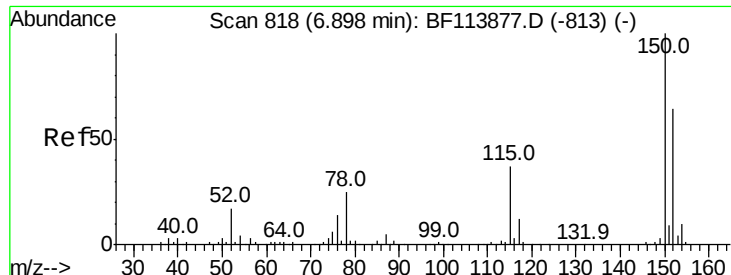
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	198875	36.930	nq	100
43) 2,4,6-Trichlorophenol	9.17	196	246289	40.163	nq	98
44) 2,4,5-Trichlorophenol	9.21	196	283305	41.189	nq	99
46) 1,1'-Biphenyl	9.36	154	931178	41.001	nq	99
47) 2-Chloronaphthalene	9.38	162	755131	40.886	nq	97
48) 2-Nitroaniline	9.47	65	211683	43.721	nq	97
49) Acenaphthylene	9.80	152	1188711	41.112	nq	99
50) Dimethylphthalate	9.66	163	861974	40.090	nq	99
51) 2,6-Dinitrotoluene	9.72	165	201739	43.735	nq	96
52) Acenaphthene	9.97	154	704608	41.235	nq	97
53) 3-Nitroaniline	9.88	138	206525	42.607	nq	99
54) 2,4-Dinitrophenol	9.99	184	84177	46.112	nq	# 4
55) Dibenzofuran	10.14	168	1045727	40.855	nq	98
56) 4-Nitrophenol	10.04	139	163622	42.633	nq	99
57) 2,4-Dinitrotoluene	10.12	165	266554	45.781	nq	98
58) Fluorene	10.49	166	788085	40.896	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	249402	41.261	nq	98
60) Diethylphthalate	10.35	149	811754	39.757	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	408226	40.000	nq	99
62) 4-Nitroaniline	10.50	138	208566	44.092	nq	93
63) Azobenzene	10.63	77	788874	39.865	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	118567	44.623	nq	98
66) n-Nitrosodiphenylamine	10.59	169	697034	39.528	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	273515	38.526	nq	97
68) Hexachlorobenzene	11.04	284	304378	39.014	nq	95
69) Atrazine	11.12	200	219044	38.185	nq	98
70) Pentachlorophenol	11.23	266	175351	39.697	nq	98
71) Phenanthrene	11.44	178	1204797	40.792	nq	100
72) Anthracene	11.50	178	1210456	40.585	nq	100
73) Carbazole	11.64	167	1099183	41.309	nq	99
74) Di-n-butylphthalate	11.98	149	1251459	39.982	nq	98
75) Fluoranthene	12.63	202	1286855	39.936	nq	98
77) Benzidine	12.74	184	524221	40.591	nq	99
78) Pyrene	12.86	202	1292434	42.638	nq	99
80) Butylbenzylphthalate	13.47	149	512792	42.998	nq	96
81) Benzo(a)anthracene	14.05	228	1128248	44.180	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	428946	45.826	nq	99
83) Chrysene	14.09	228	1104028	44.389	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	662992	43.694	nq	99
85) Di-n-octyl phthalate	14.65	149	1024519	43.137	nq	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	785347	33.335	nq	98
88) Benzo(b)fluoranthene	15.11	252	941529	40.852	nq	100
89) Benzo(k)fluoranthene	15.14	252	856759	43.216	nq	100
90) Benzo(a)pyrene	15.48	252	796084	39.934	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	652615	34.874	nq	99
92) Benzo(g,h,i)perylene	17.48	276	633058	33.522	nq	98

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



#1

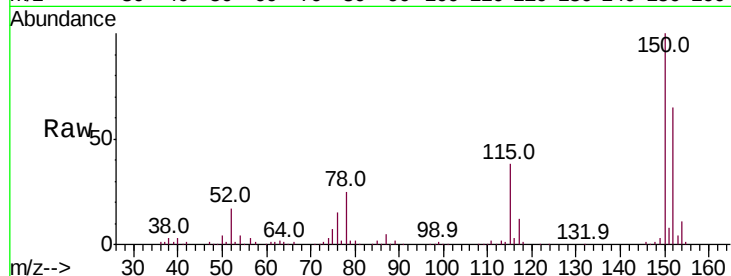
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.9	188.9
115	58.5	45.9	68.9

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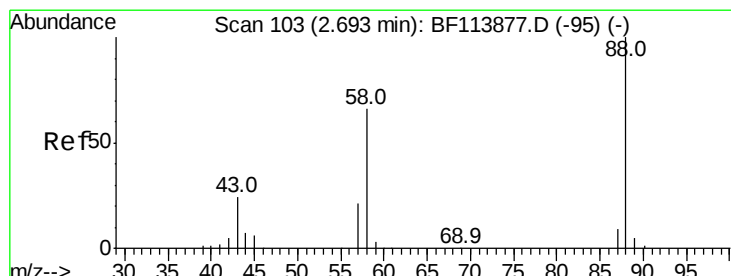
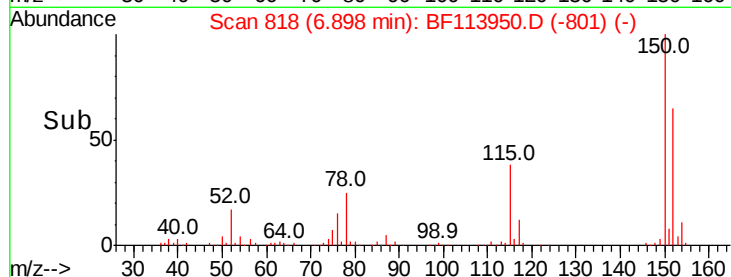
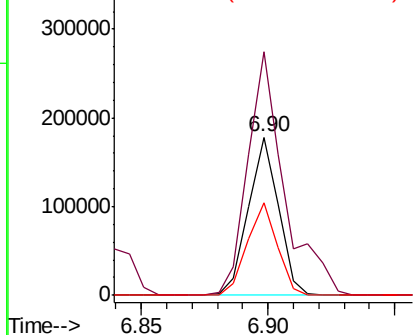


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 39.161 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.02 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

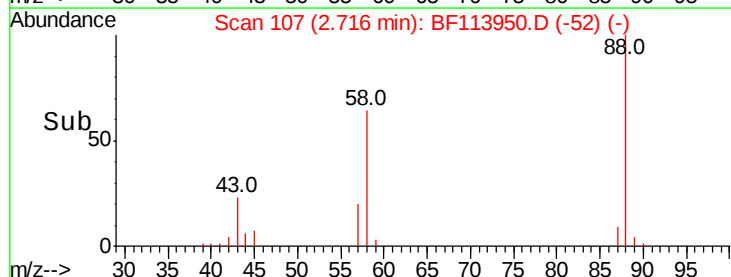
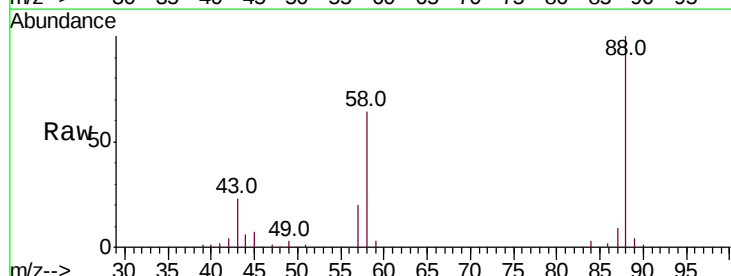
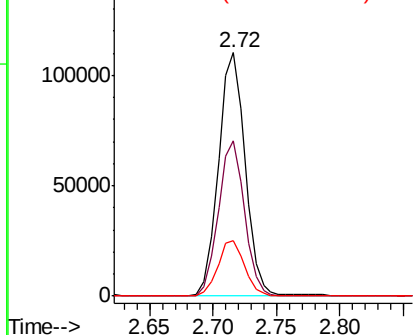
Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	53.3	79.9
43	23.1	19.0	28.4

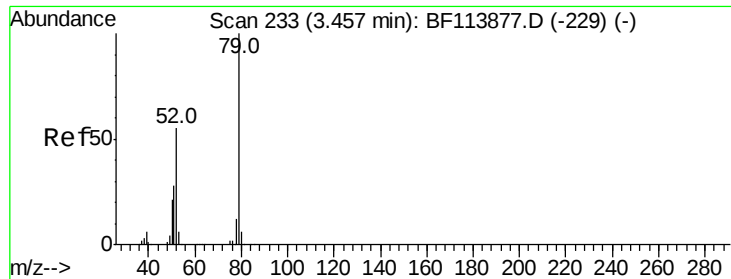
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





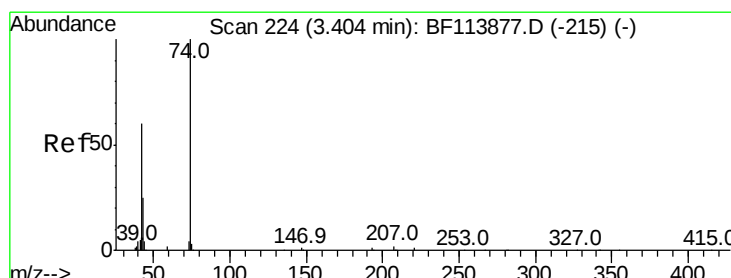
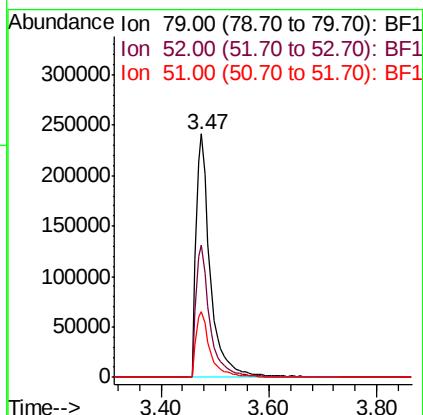
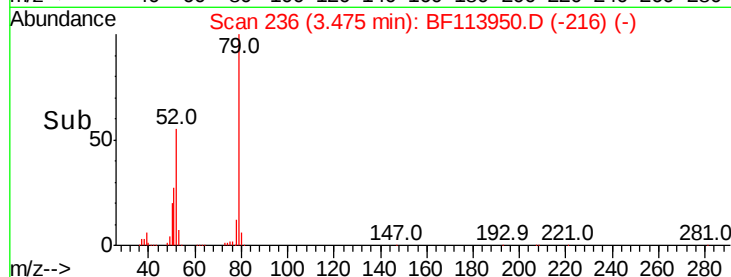
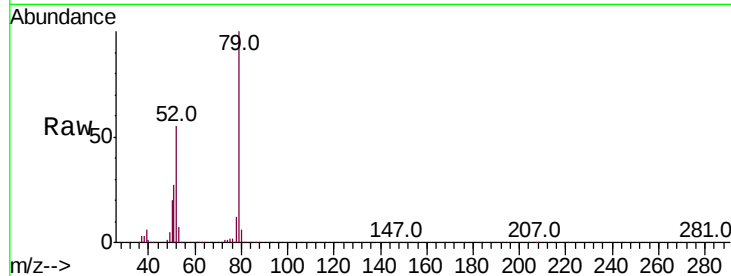
#3
 Pvridine
 Concen: 39.402 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.02 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 439365
 Ion Ratio Lower Upper
 79 100
 52 54.6 45.3 67.9
 51 27.1 22.1 33.1

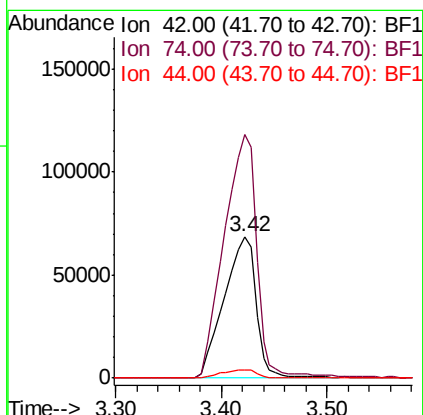
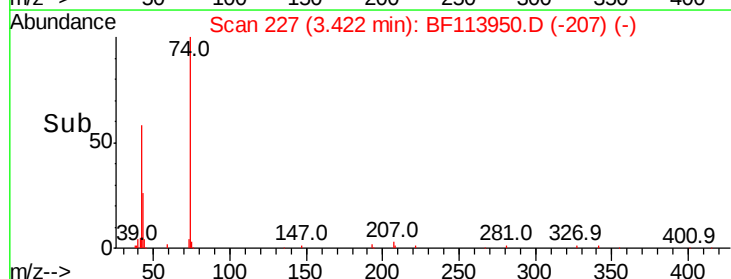
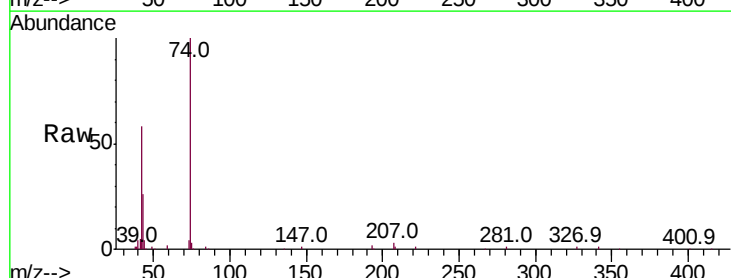
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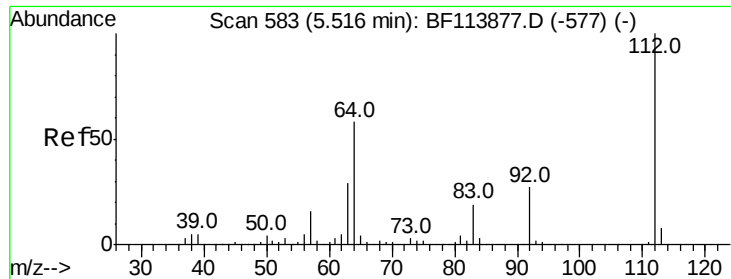
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#4
 n-Nitrosodimethylamine
 Concen: 37.981 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.02 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion: 42 Resp: 144976
 Ion Ratio Lower Upper
 42 100
 74 171.9 132.6 198.8
 44 6.2 5.8 8.8





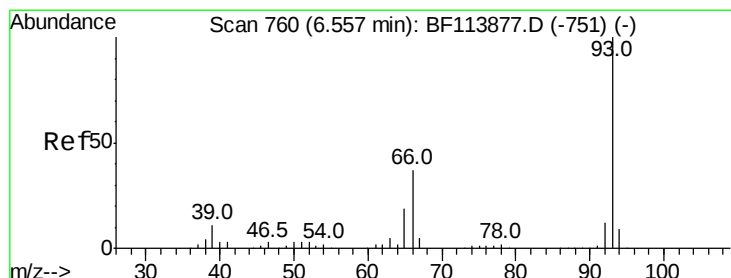
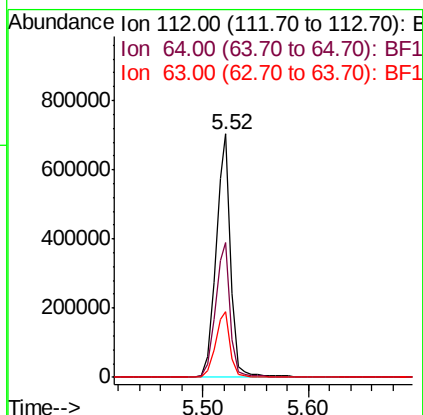
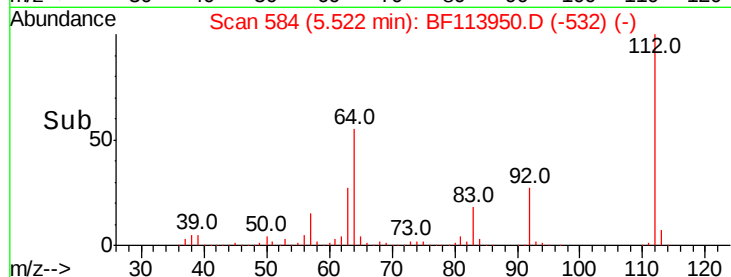
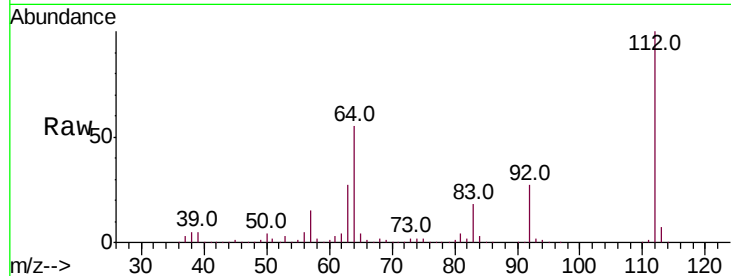
#5
2-Fluorophenol
Concen: 79.536 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		689280		
64	55.5	46.6	69.8		
63	27.2	23.1	34.7		

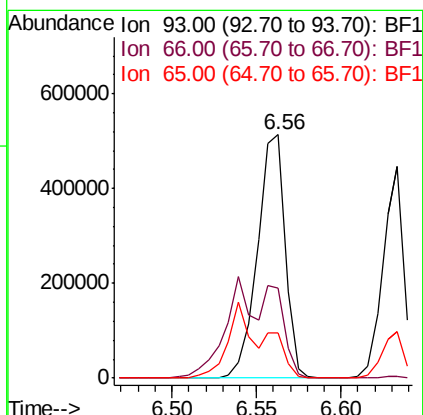
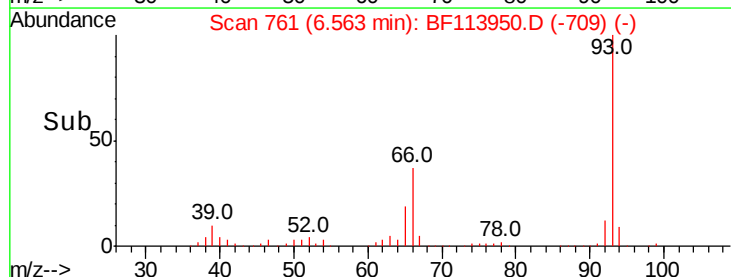
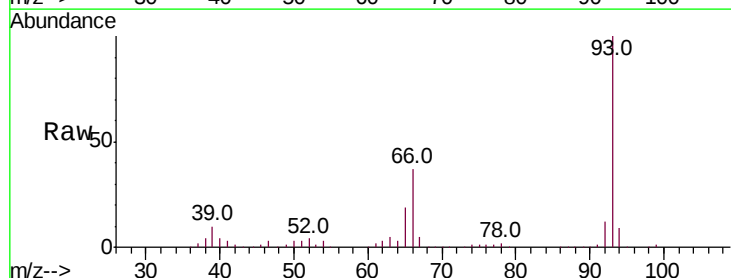
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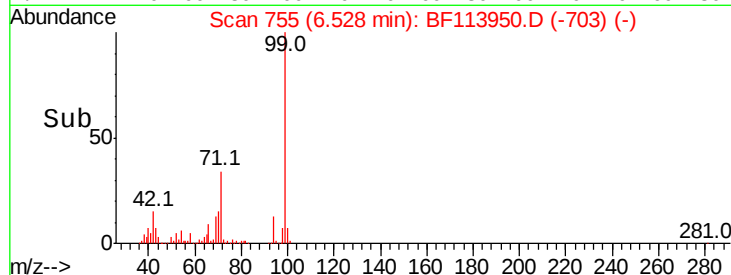
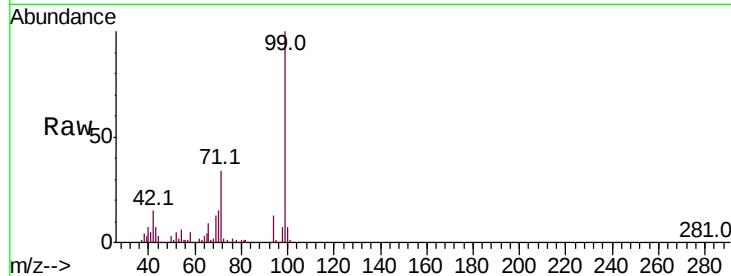
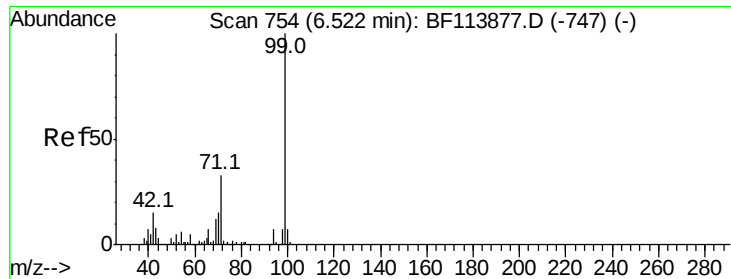
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#6
Aniline
Concen: 39.486 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		589535		
66	37.0	29.8	44.6		
65	18.5	14.9	22.3		





#7

Phenol-d6

Concen: 79.901 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tot Ion:	99	Resp:	868755
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.5	18.7
71	33.8	26.9	40.3

Instrument :

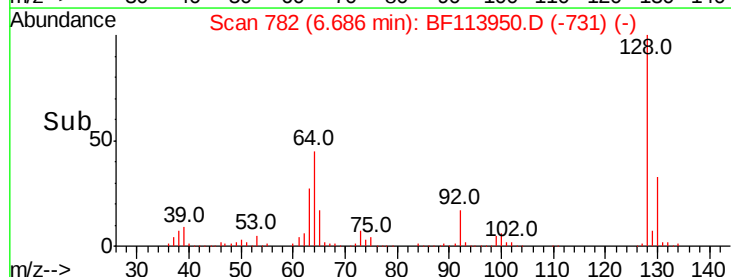
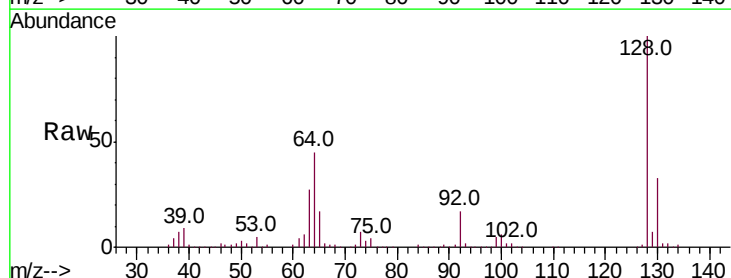
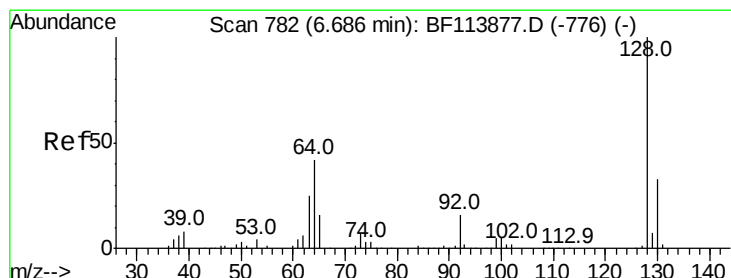
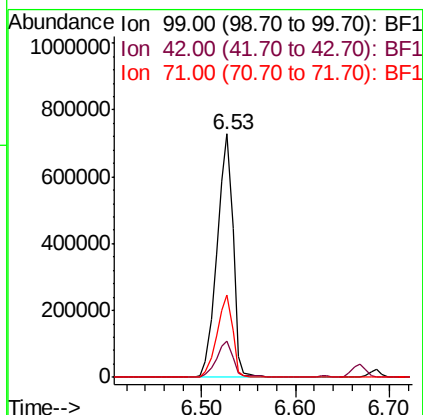
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.168 ng

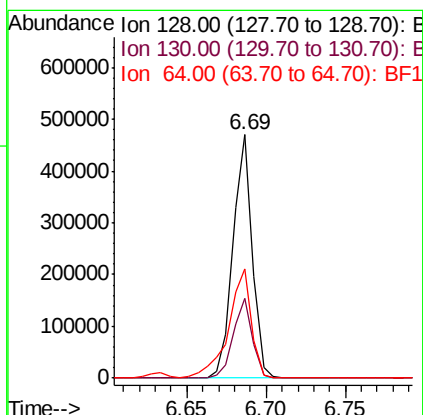
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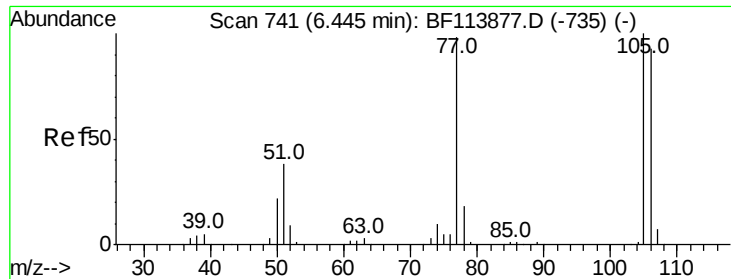
Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tgt Ion:	128	Resp:	397435
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.3	52.3
64	44.6	26.1	66.1





#9

Benzaldehyde

Concen: 37.850 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

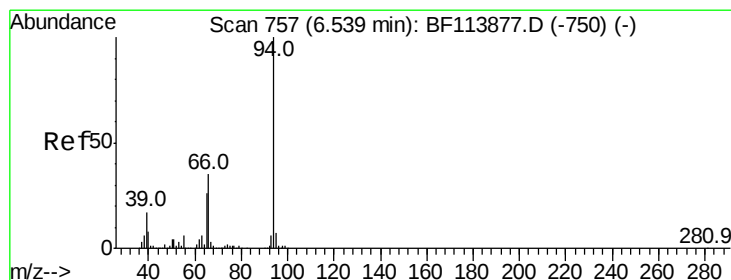
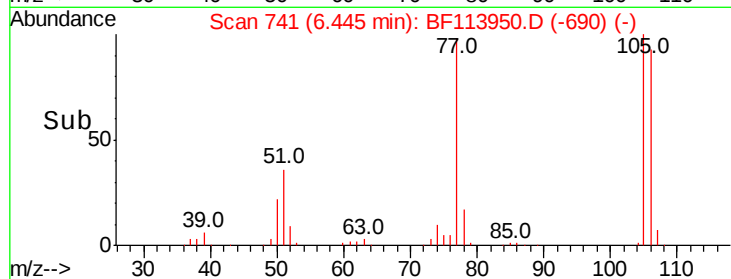
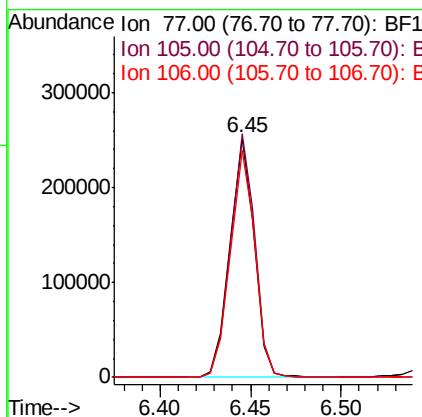
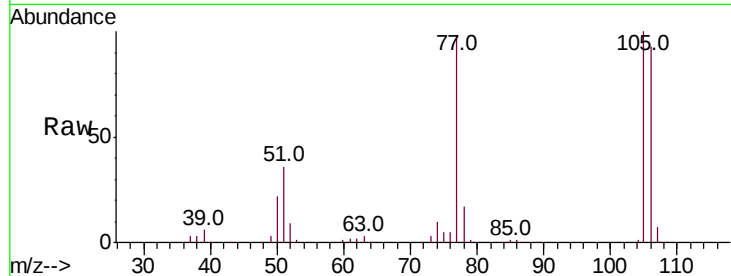
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	74.1	114.1
106	95.3	70.3	110.3

Manual Integrations
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#10

Phenol

Concen: 39.438 ng

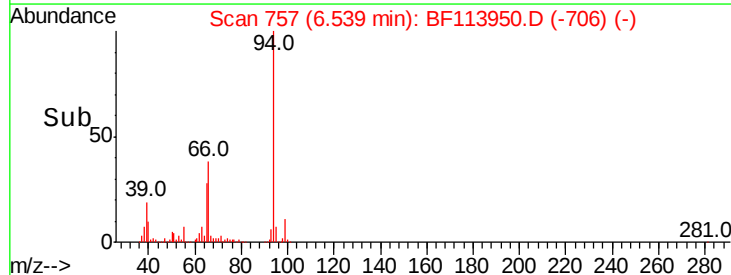
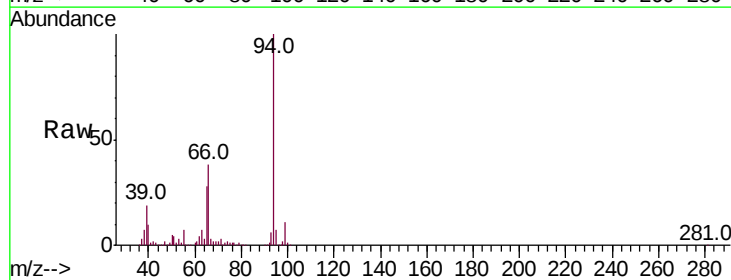
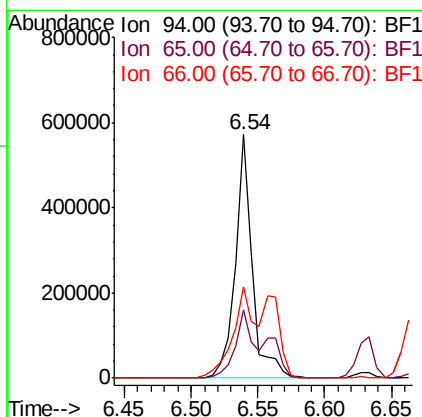
RT: 6.54 min Scan# 757

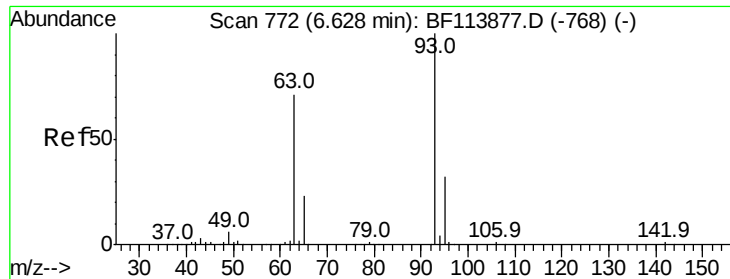
Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	37.6	16.6	56.6





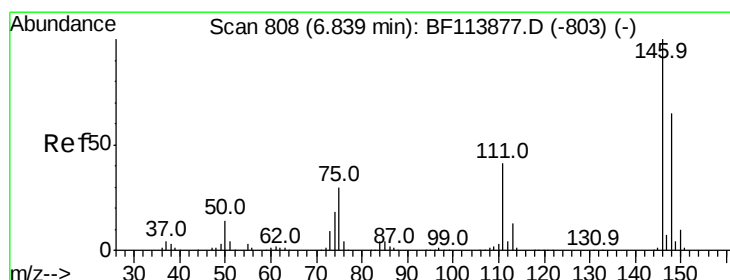
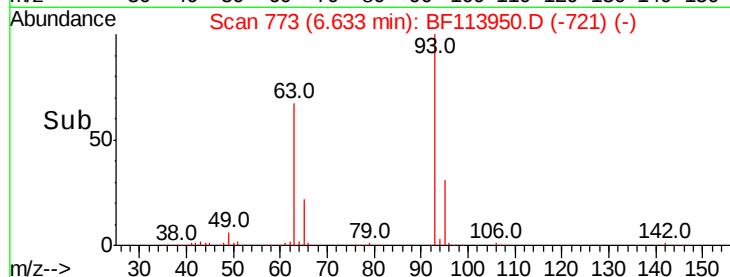
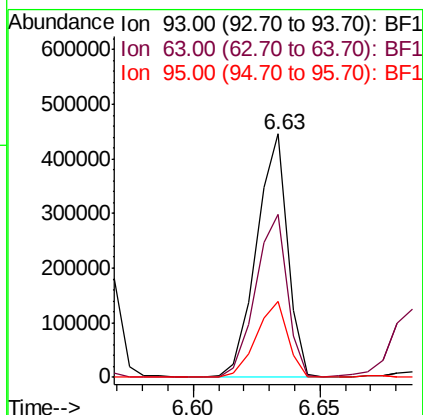
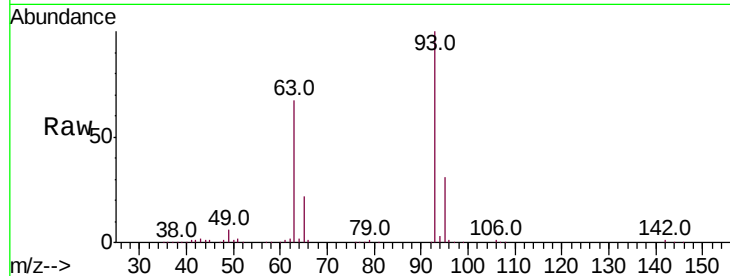
#11
bis(2-Chloroethyl)ether
Concen: 38.927 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.7	50.7	90.7
95	31.4	12.3	52.3

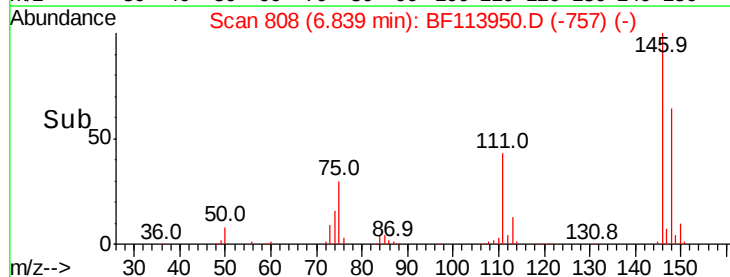
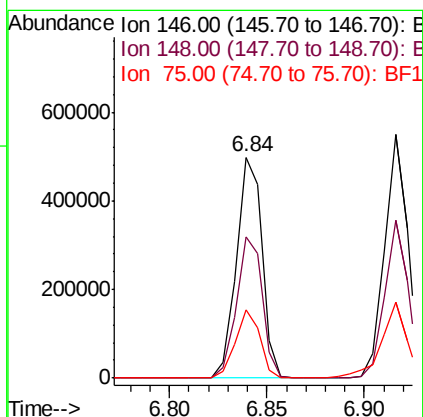
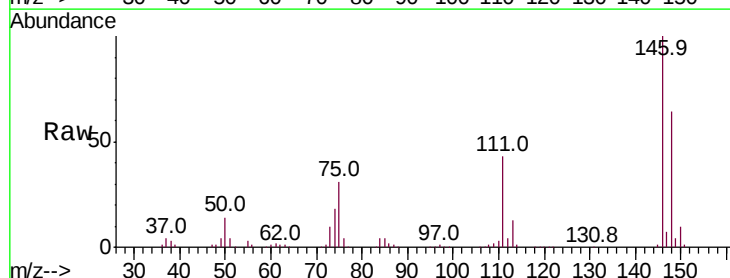
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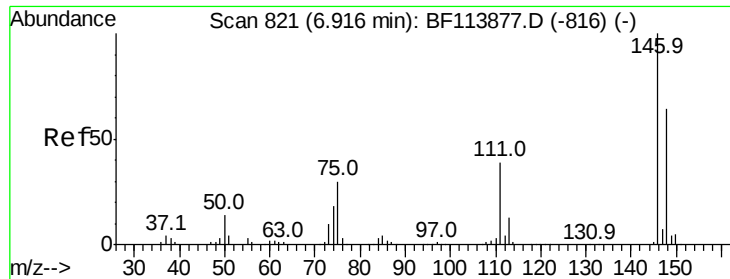
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#12
1,3-Dichlorobenzene
Concen: 40.321 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
75	31.2	23.8	35.8





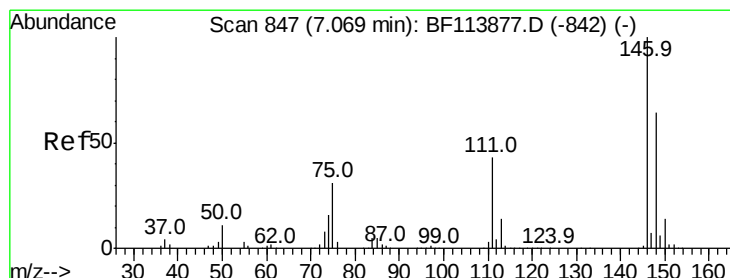
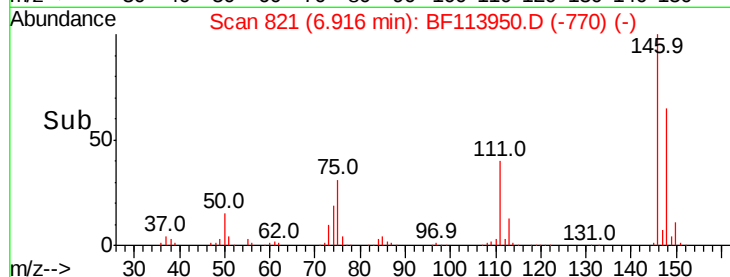
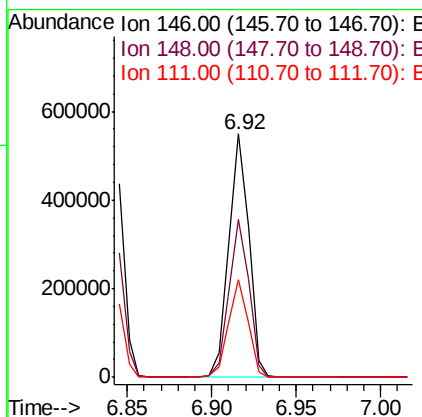
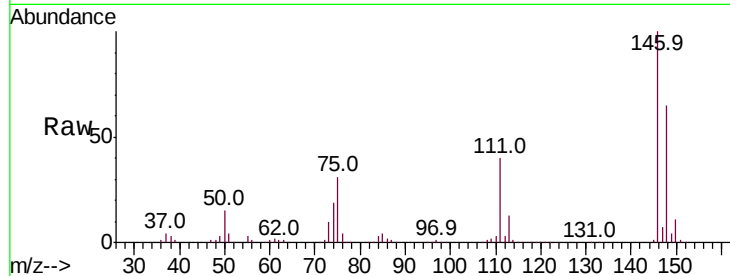
#13
 1,4-Dichlorobenzene
 Concen: 40.079 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
111	40.0	30.9	46.3

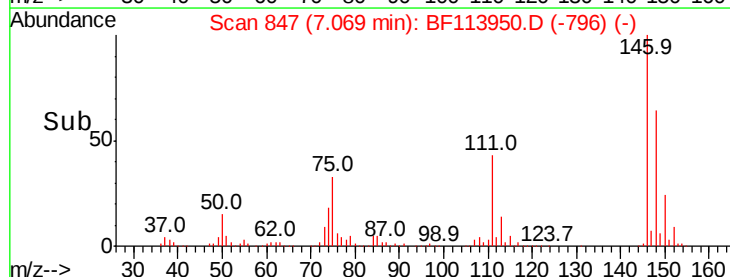
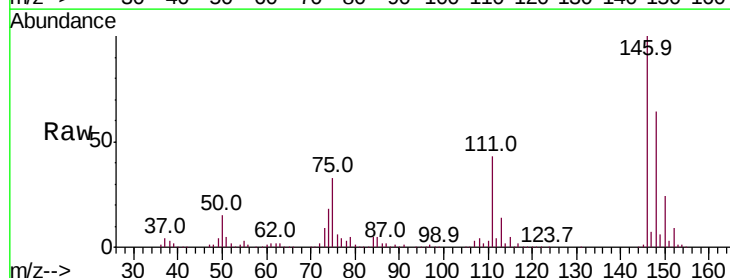
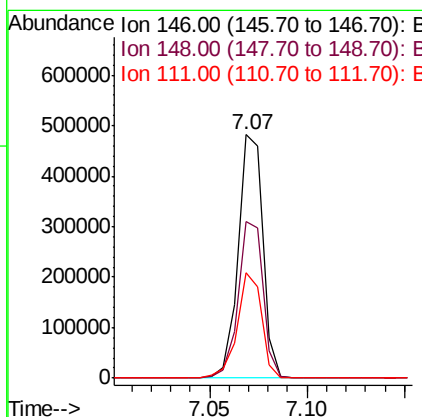
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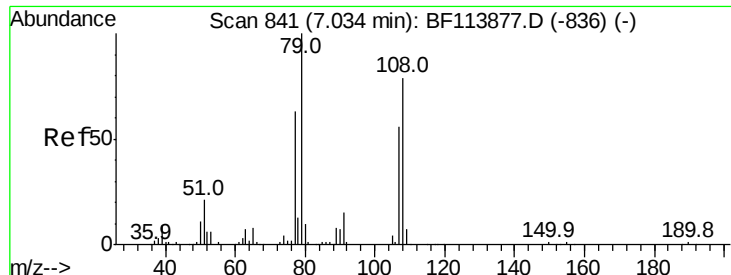
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#14
 1,2-Dichlorobenzene
 Concen: 40.800 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
111	43.2	34.2	51.4





#15

Benzyl Alcohol

Concen: 37.683 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

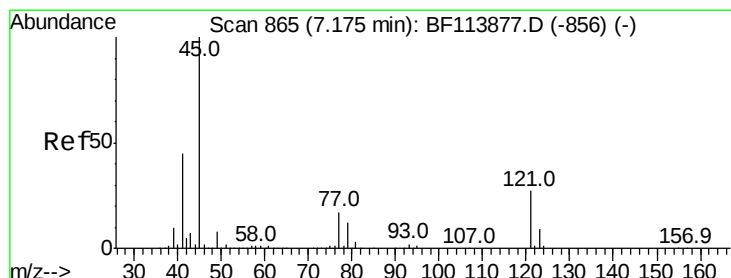
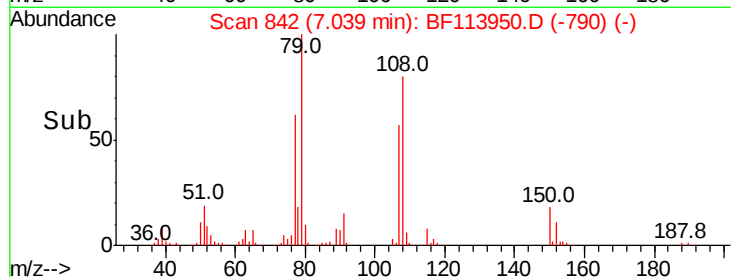
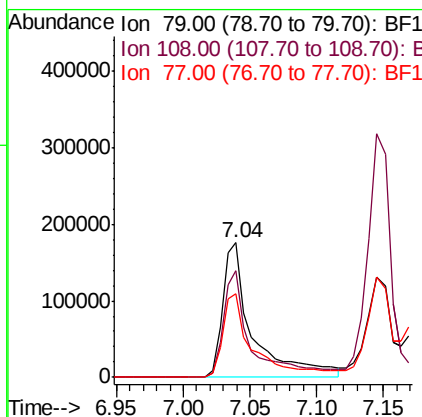
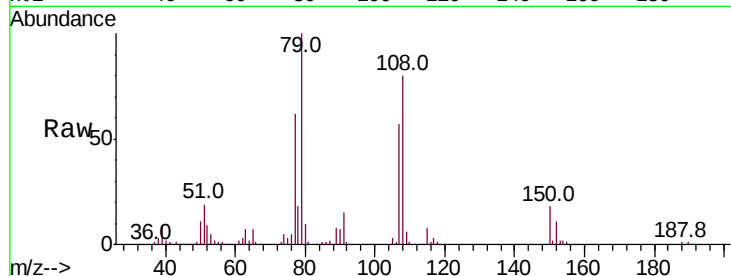
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	275945
Ion Ratio	Lower	Upper	
79	100		
108	79.7	61.4	92.0
77	62.2	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.619 ng

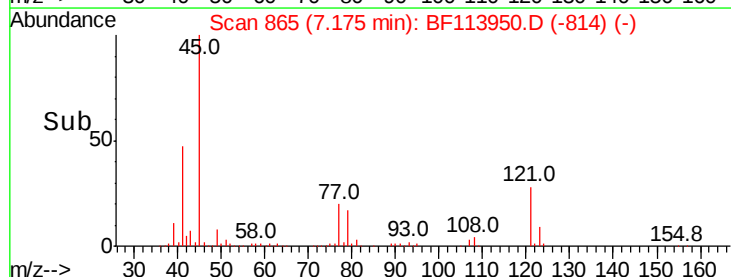
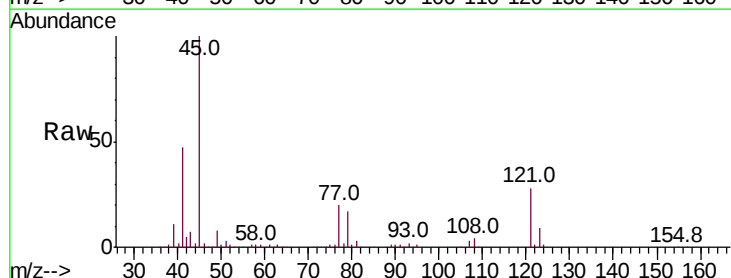
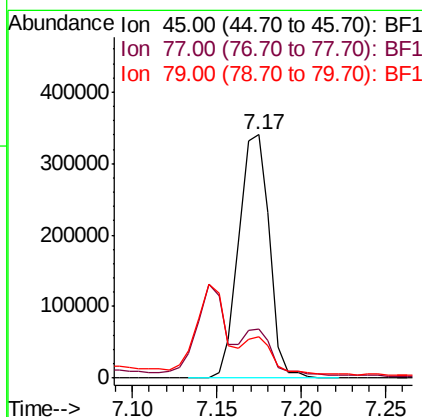
RT: 7.17 min Scan# 865

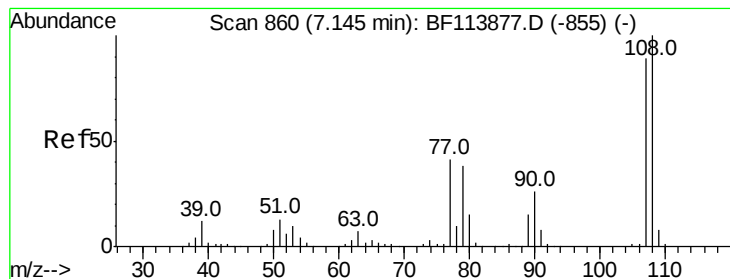
Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tgt Ion:	45	Resp:	429645
Ion Ratio	Lower	Upper	
45	100		
77	20.0	0.0	37.0
79	17.0	0.0	32.7





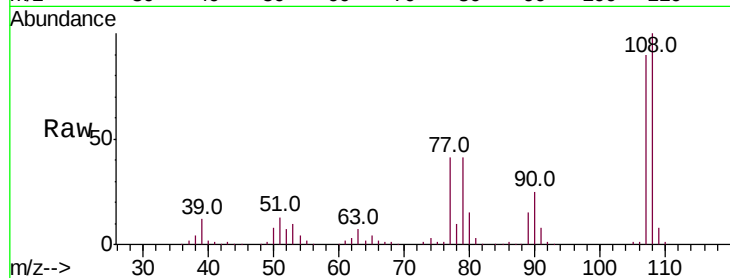
#17
2-Methylphenol
Concen: 40.621 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

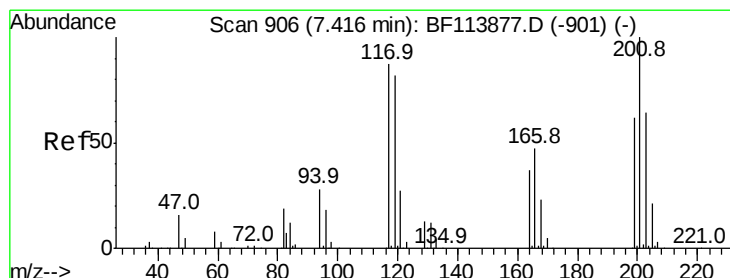
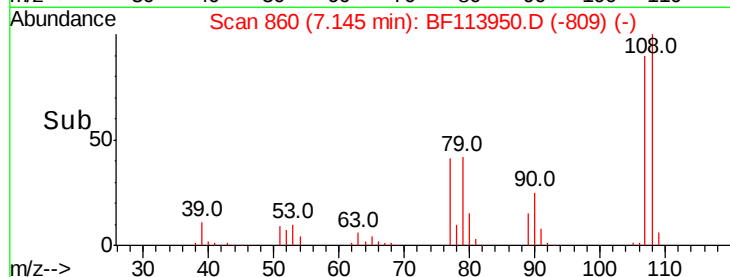
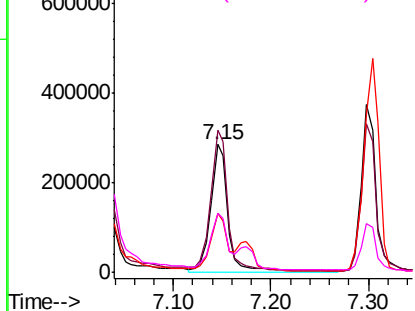
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	91.5	137.3	
77	46.2	36.2	54.4	
79	46.1	35.4	53.0	

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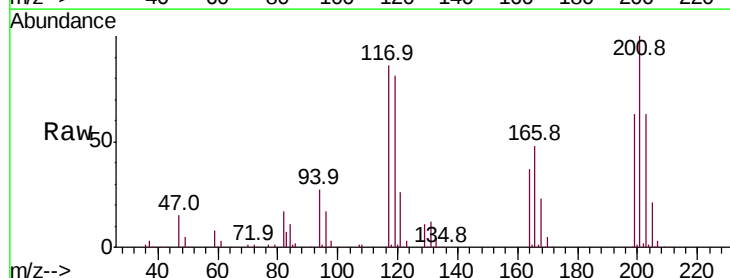


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

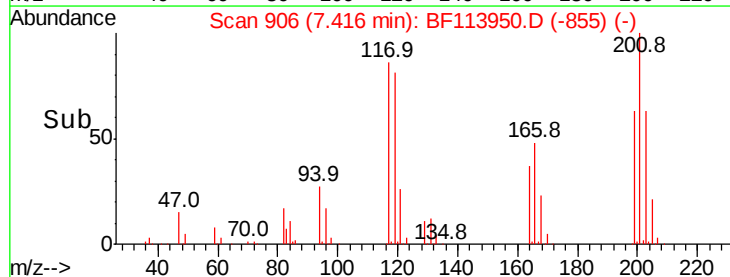
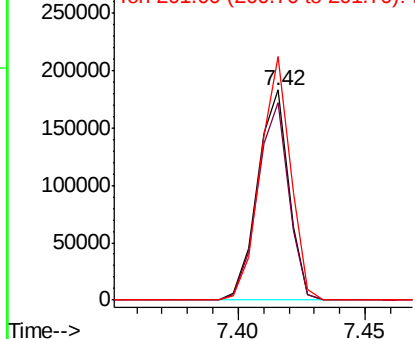


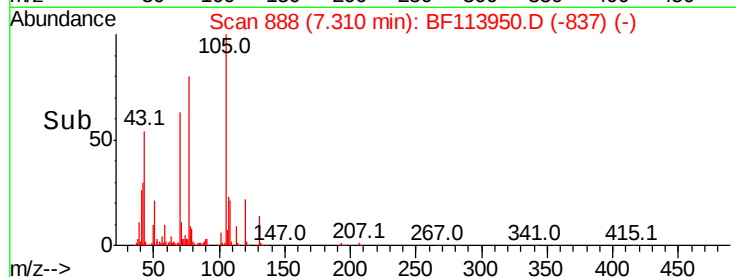
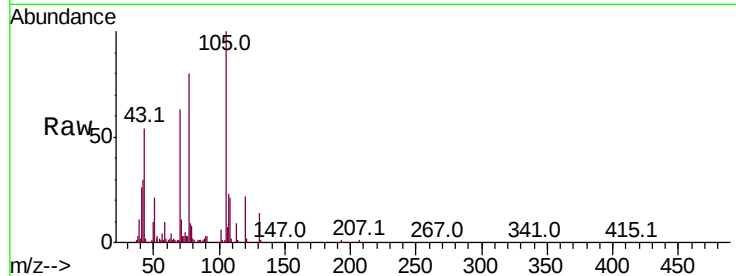
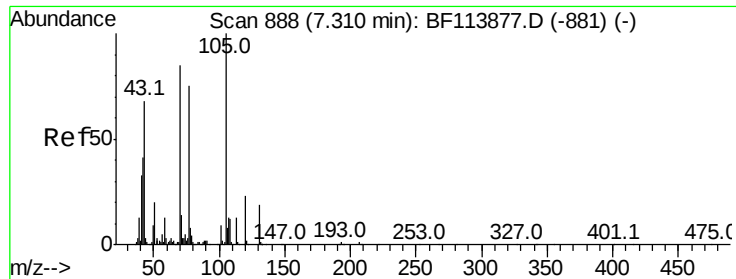
#18
Hexachloroethane
Concen: 40.074 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	74.4	111.6	
201	116.1	90.2	135.2	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





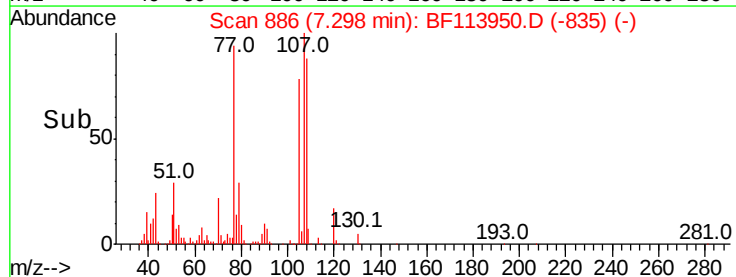
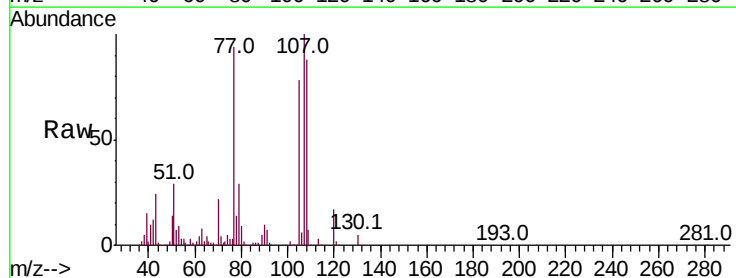
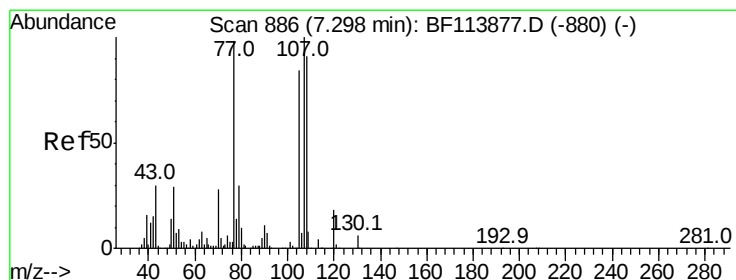
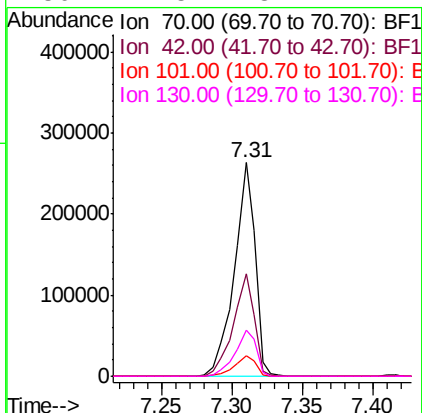
#19
n-Nitroso-di-n-propylamine
Concen: 38.191 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.1	37.3	55.9
101	9.7	7.8	11.8
130	21.5	18.2	27.2

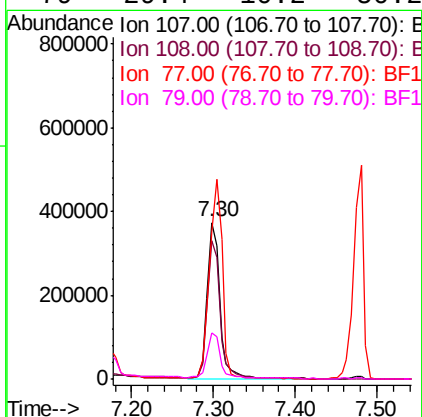
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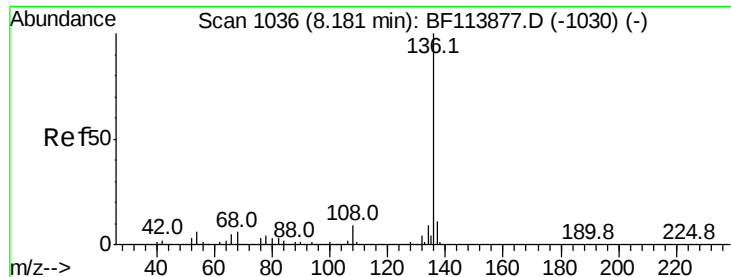
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#20
3+4-Methylphenols
Concen: 41.082 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.1	110.1
77	93.8	52.9	92.9#
79	29.4	10.2	50.2





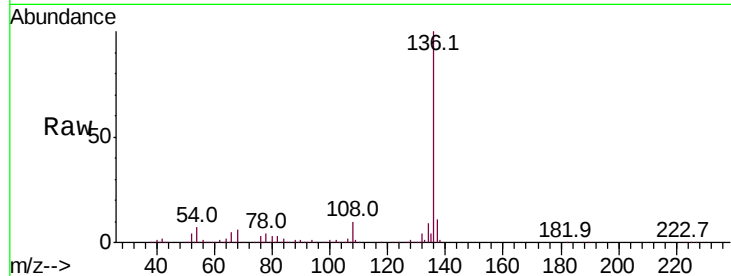
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

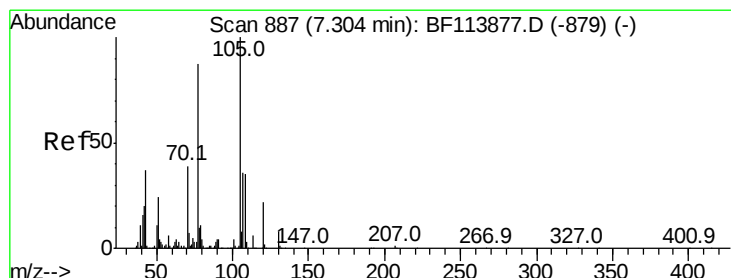
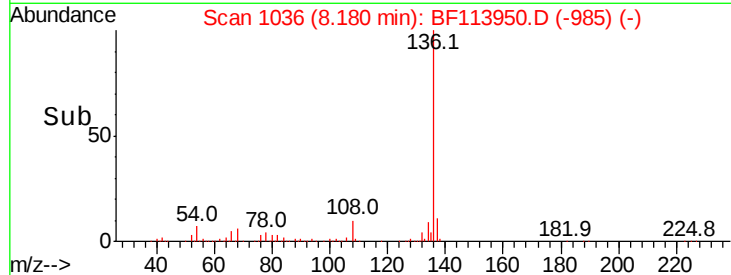
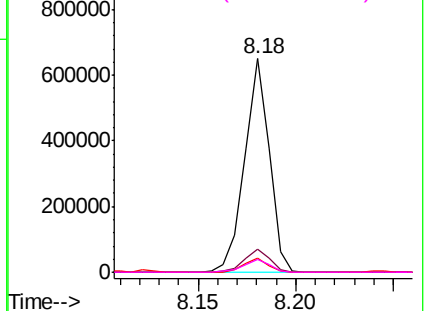
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	12.8	
54	6.5	5.0	7.6	
68	6.0	4.9	7.3	

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4/25/2019 5:26:54 PM



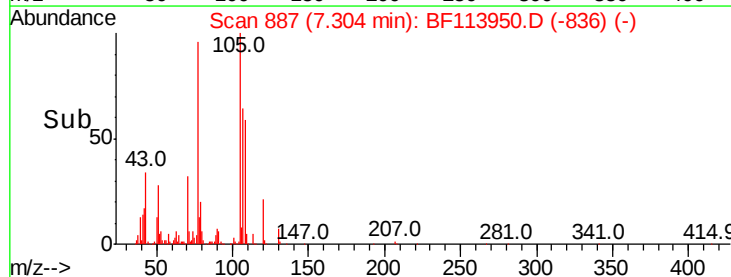
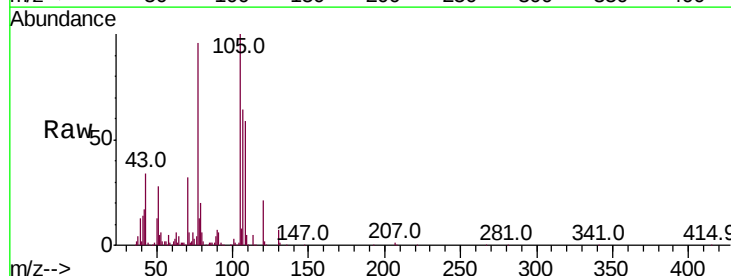
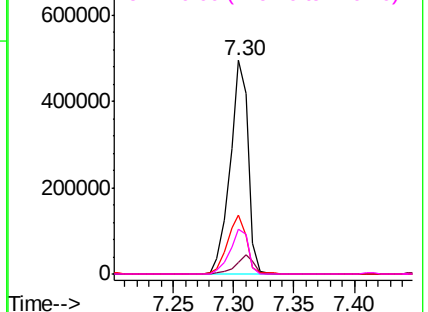
Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

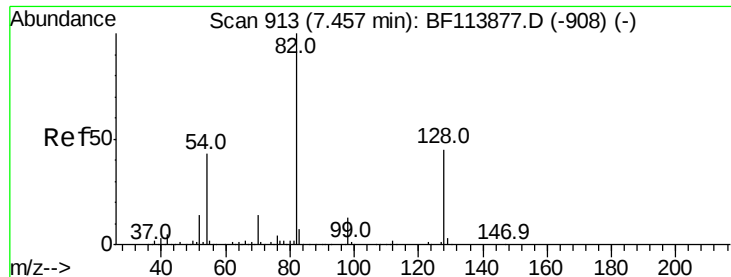


#22
Acetophenone
Concen: 40.581 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	6.1	9.1#	
51	27.9	16.8	25.2#	
120	21.0	17.6	26.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.910 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

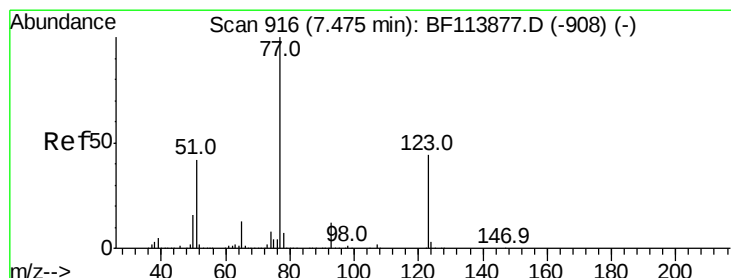
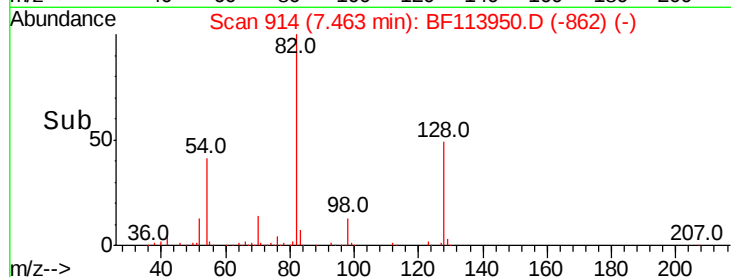
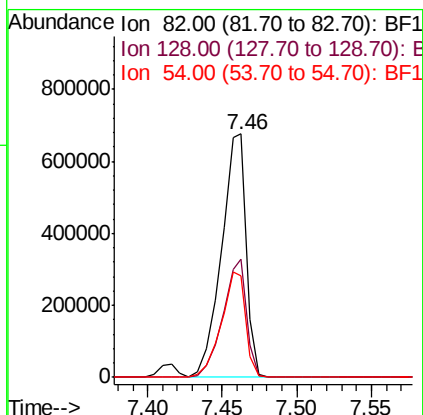
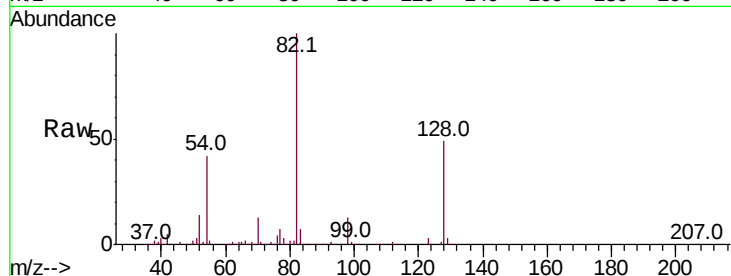
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	793281
Ion Ratio	Lower	Upper	
82	100		
128	48.7	36.8	55.2
54	41.7	33.8	50.6

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#24

Nitrobenzene

Concen: 42.333 ng

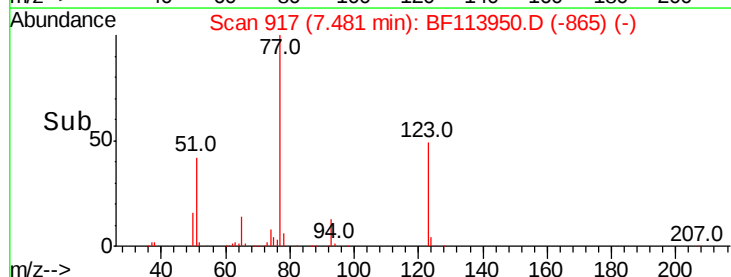
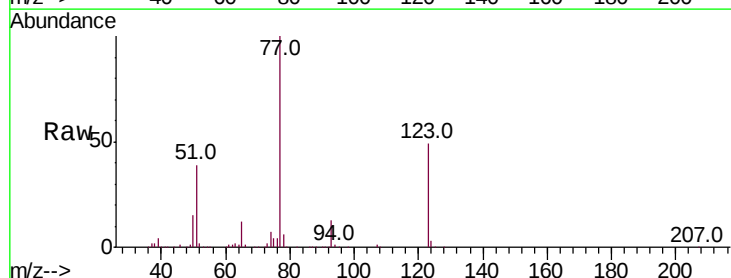
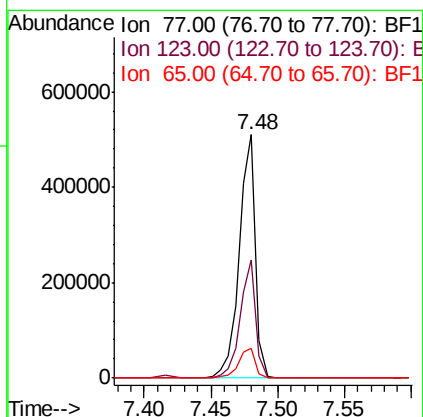
RT: 7.48 min Scan# 917

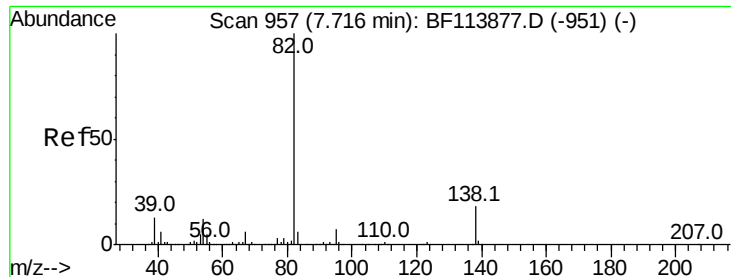
Delta R.T. 0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tgt Ion:	77	Resp:	431918
Ion Ratio	Lower	Upper	
77	100		
123	48.5	36.3	54.5
65	12.2	10.3	15.5





#25

Isophorone

Concen: 39.057 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

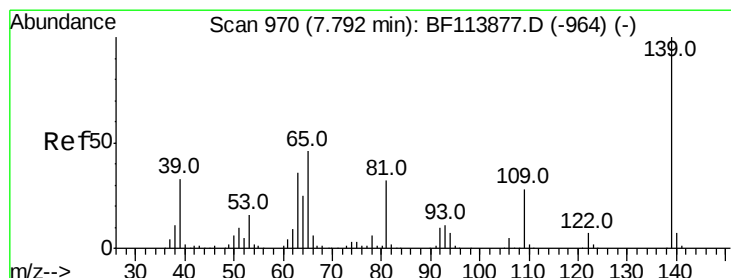
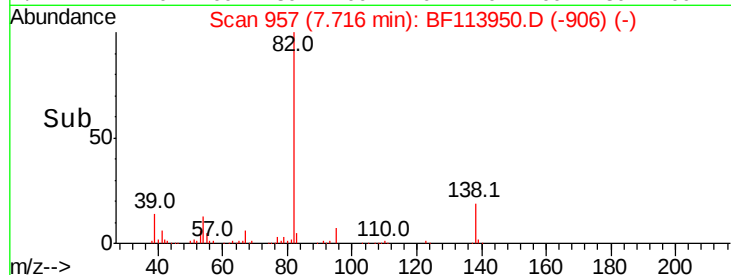
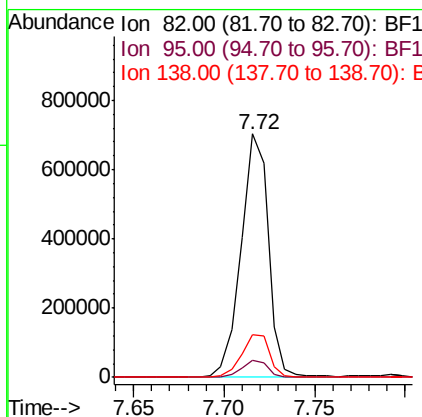
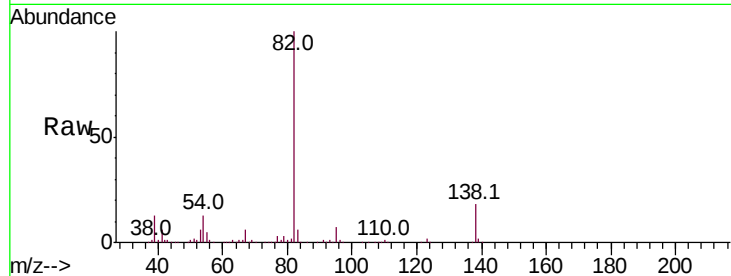
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	737941
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 46.260 ng

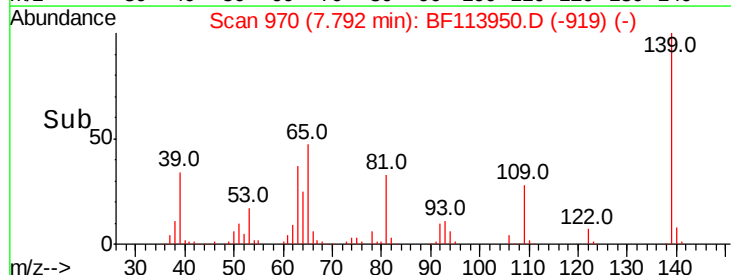
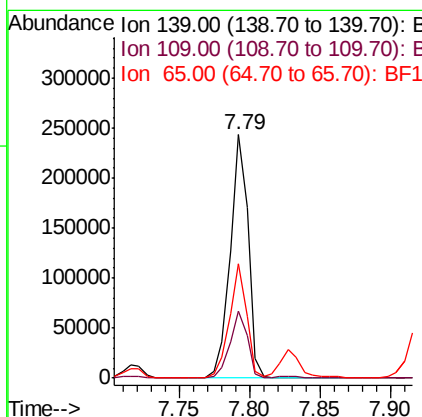
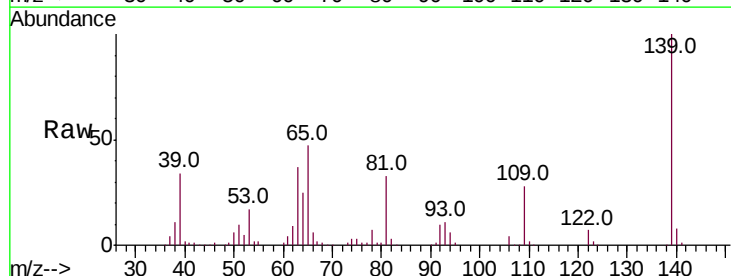
RT: 7.79 min Scan# 970

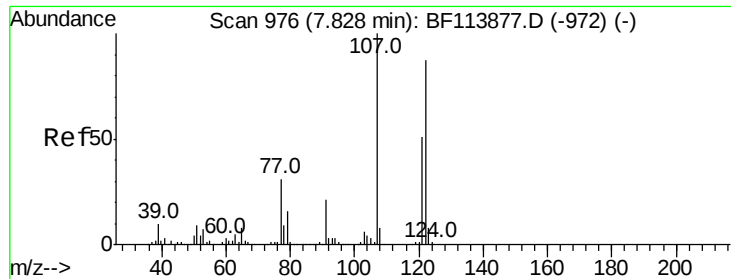
Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tgt Ion:	139	Resp:	215325
Ion Ratio	Lower	Upper	
139	100		
109	27.7	20.6	31.0
65	47.1	34.6	52.0





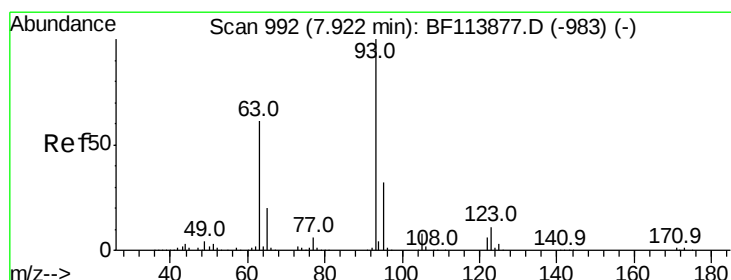
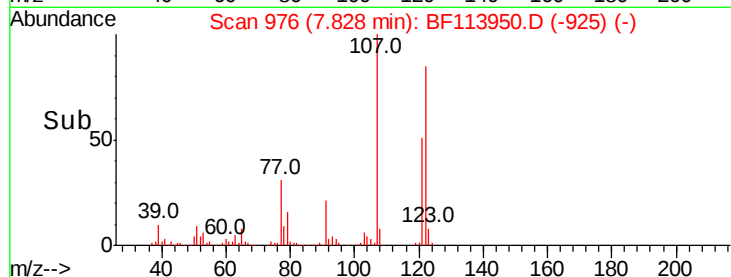
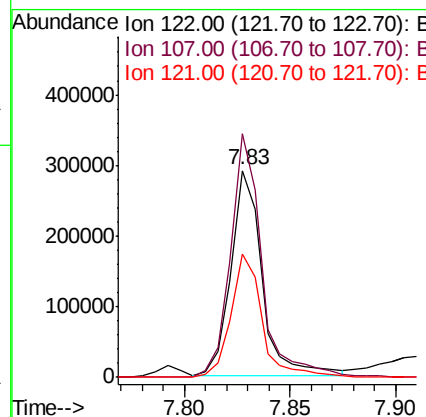
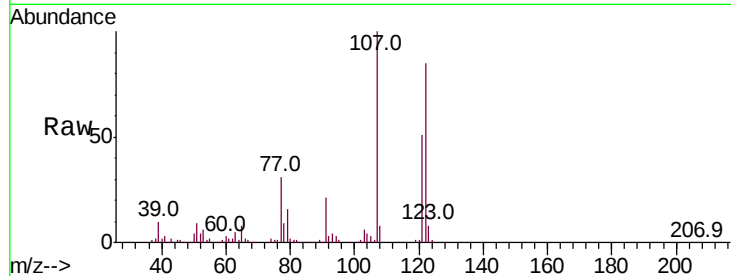
#27
 2,4-Dimethylphenol
 Concen: 39.673 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	300866		
107	117.6	91.2	136.8	
121	59.7	46.4	69.6	

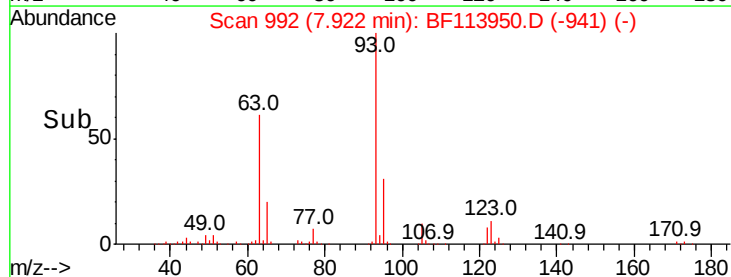
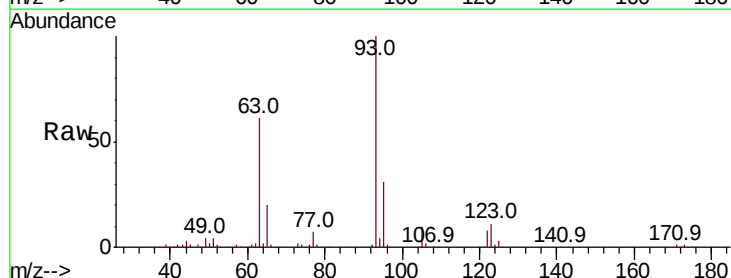
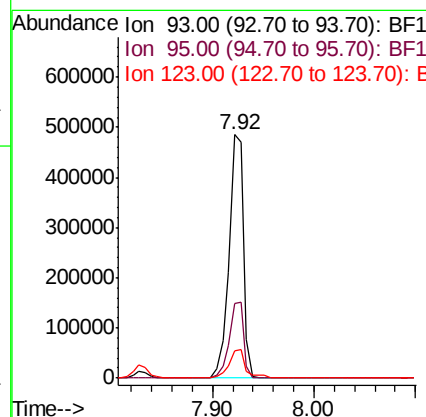
Manual Integrations
 APPROVED

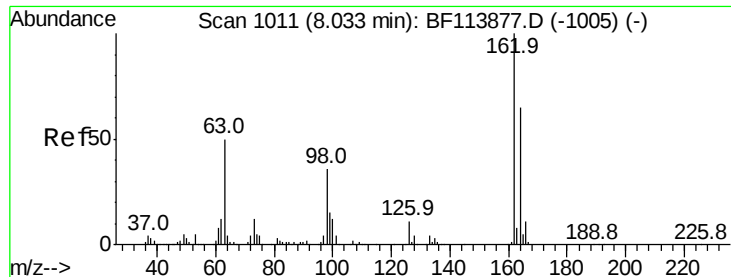
Sohil
 4/25/2019 5:26:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.696 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	477925		
95	30.8	25.8	38.6	
123	11.3	9.0	13.6	





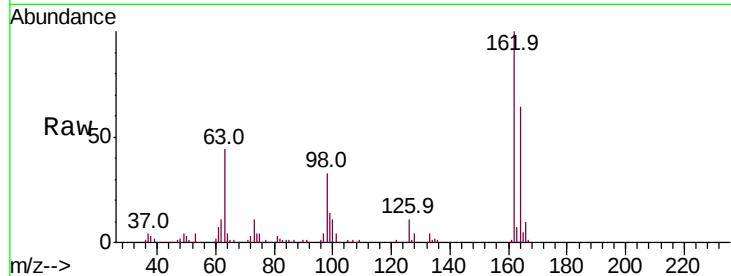
#29
2,4-Dichlorophenol
Concen: 41.303 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

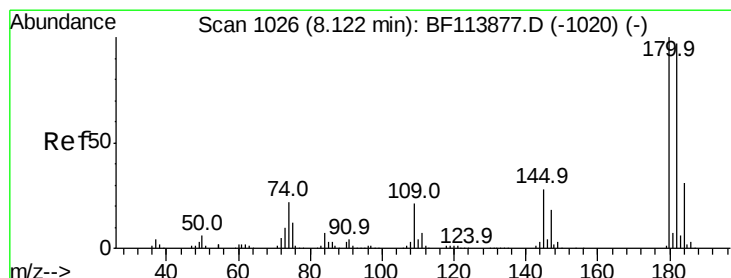
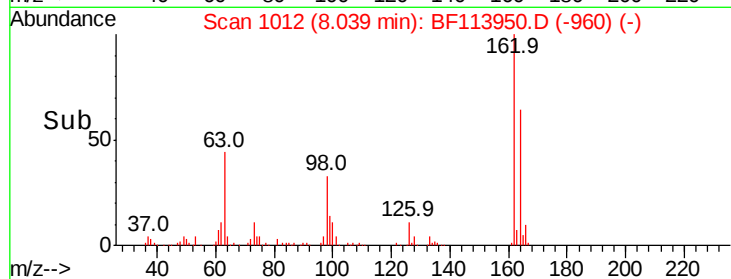
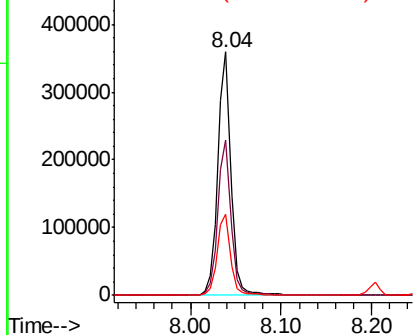
Tot Ion:	162	Resp:	358183
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.7	83.7
98	33.1	15.5	55.5

Manual Integrations
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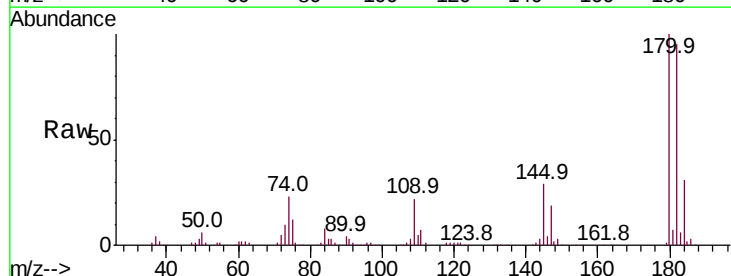


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

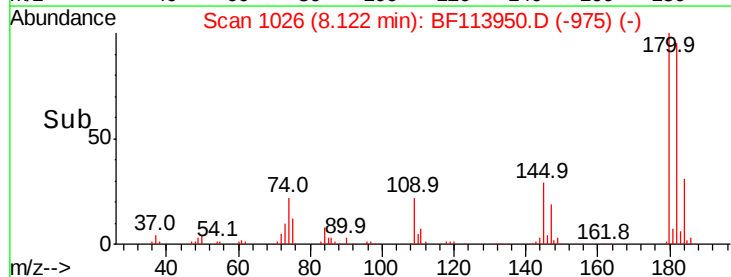
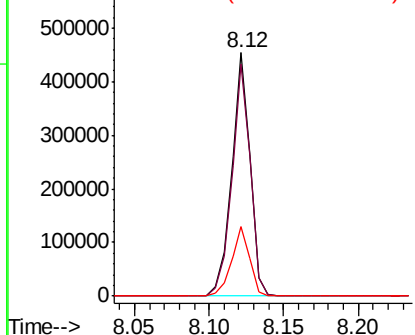


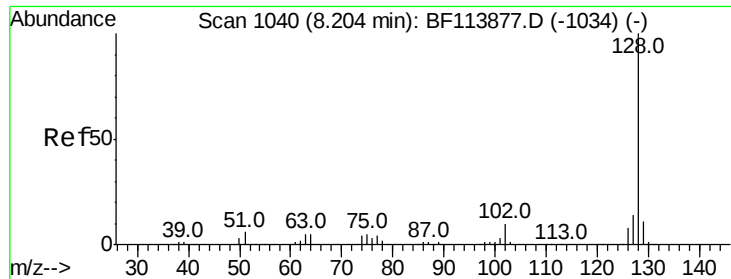
#30
1,2,4-Trichlorobenzene
Concen: 40.821 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion:	180	Resp:	394723
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.4	113.0
145	28.7	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.816 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1132574

Ion Ratio Lower Upper

128 100

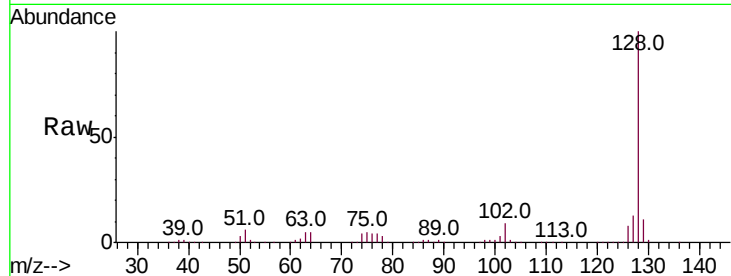
129 11.3 9.4 14.0

127 13.3 10.8 16.2

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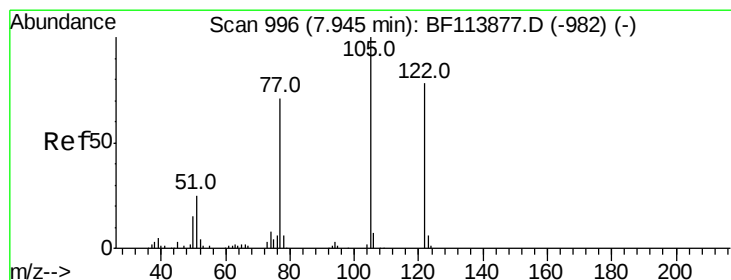
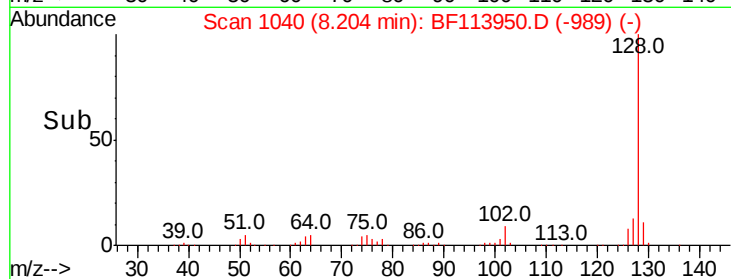
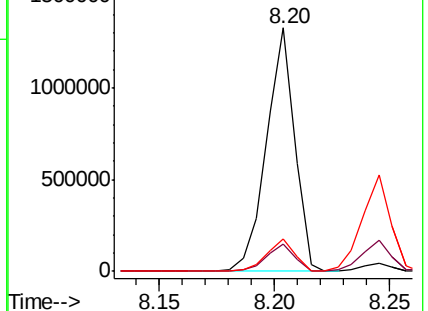
4/25/2019 5:26:54 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.903 ng m

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

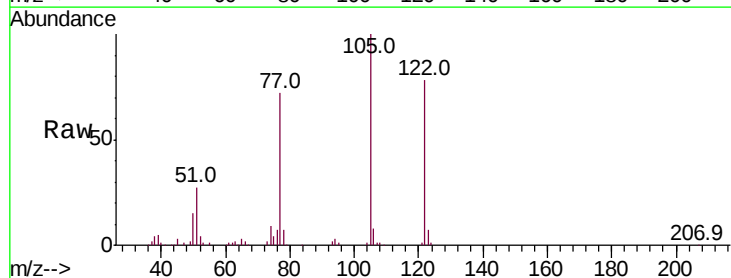
Tgt Ion:122 Resp: 209481

Ion Ratio Lower Upper

122 100

105 127.5 104.3 144.3

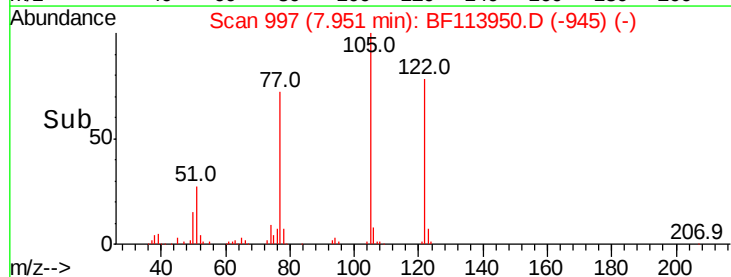
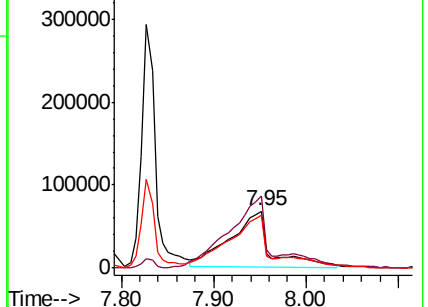
77 92.4 70.4 110.4

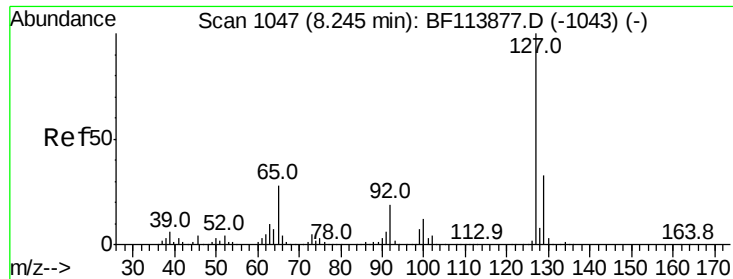


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





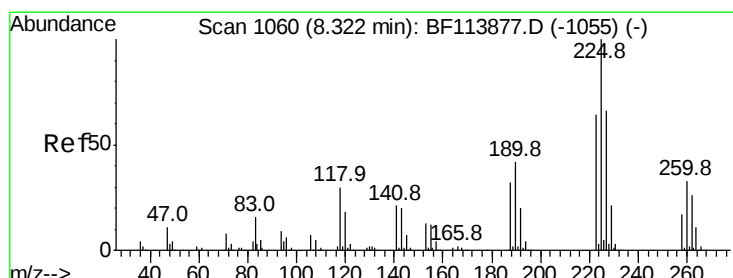
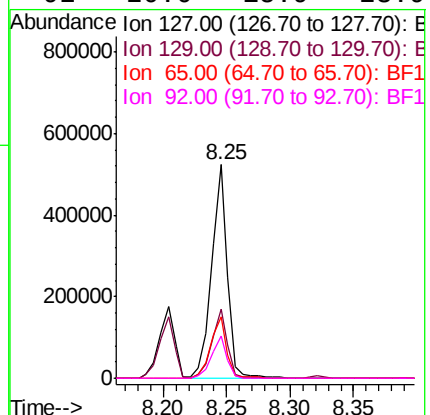
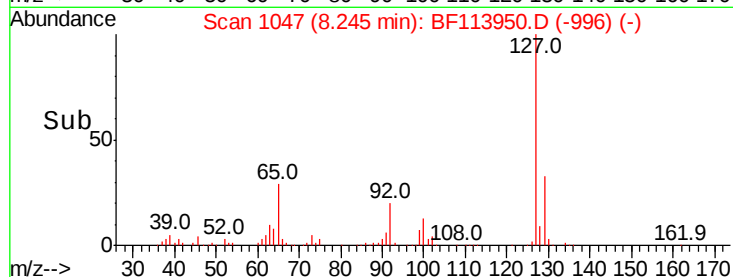
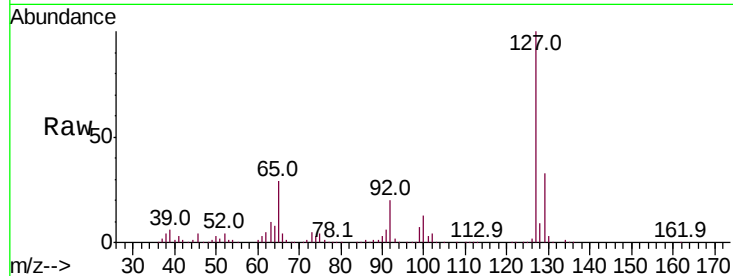
#33
4-Chloroaniline
Concen: 40.172 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.4	39.6	
65	29.0	24.9	37.3	
92	20.0	15.9	23.9	

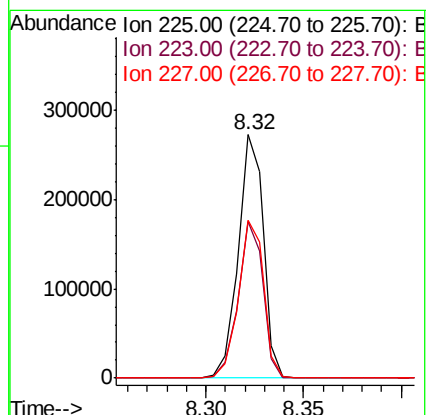
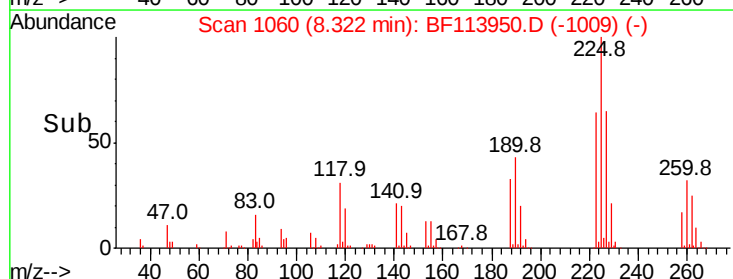
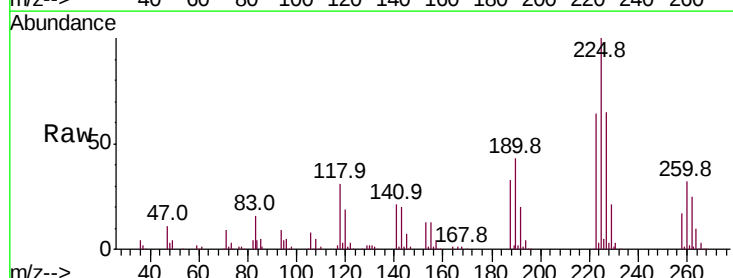
Manual Integrations
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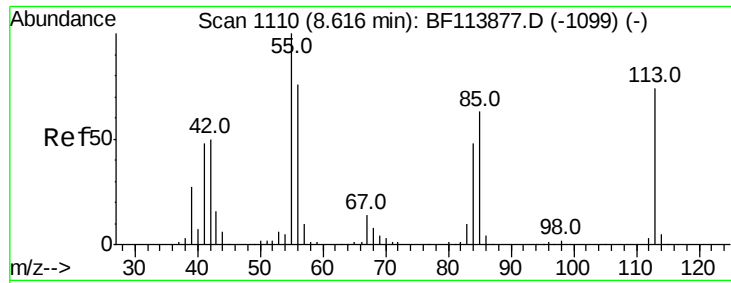
Sohil
4/25/2019 5:26:54 PM



#34
Hexachlorobutadiene
Concen: 40.350 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	51.1	76.7	
227	64.6	49.9	74.9	





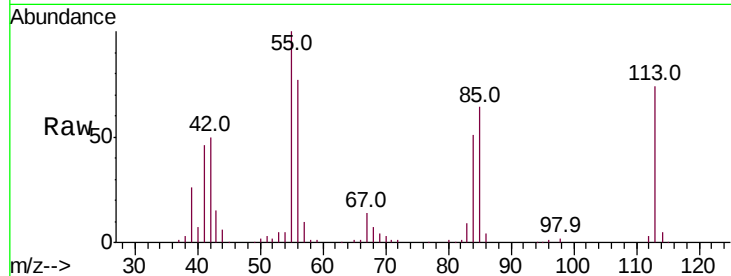
#35
Caprolactam
Concen: 39.160 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.8	128.6	168.6
56	104.4	91.9	131.9

Manual Integrations
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4/25/2019 5:26:54 PM

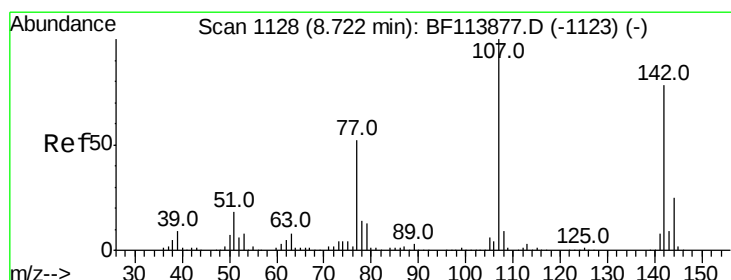
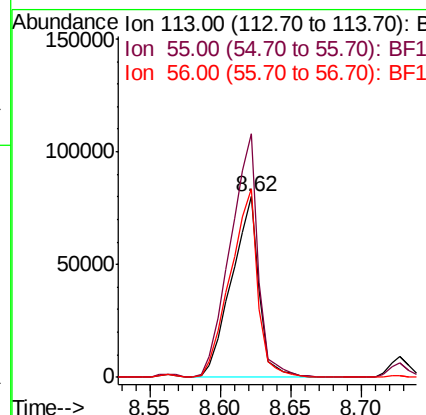
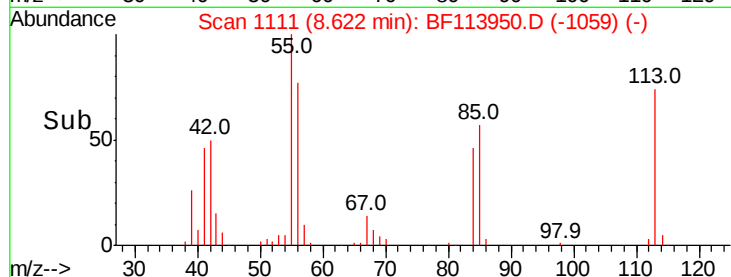


Abundance

Ion 113.00 (112.70 to 113.70): E

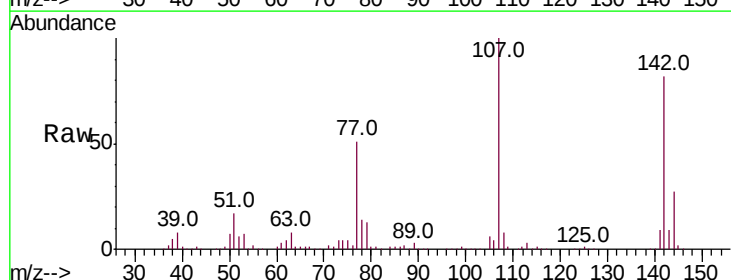
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 40.668 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.5	30.7
142	82.2	64.2	96.4

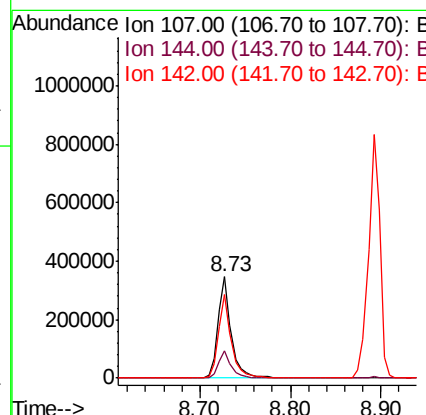
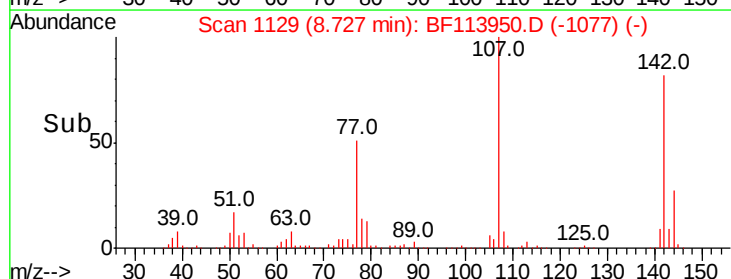


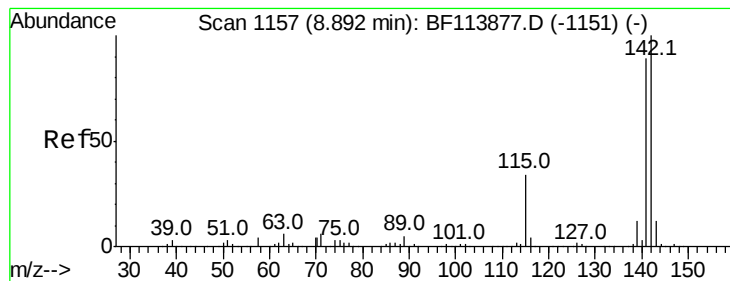
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





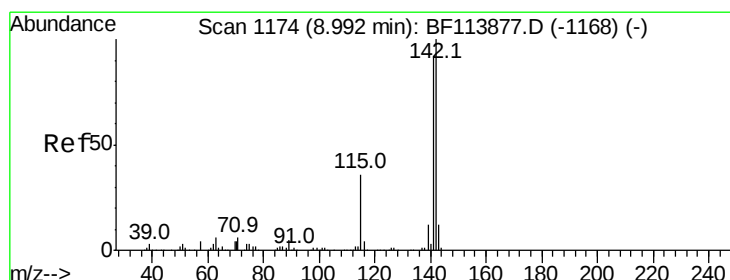
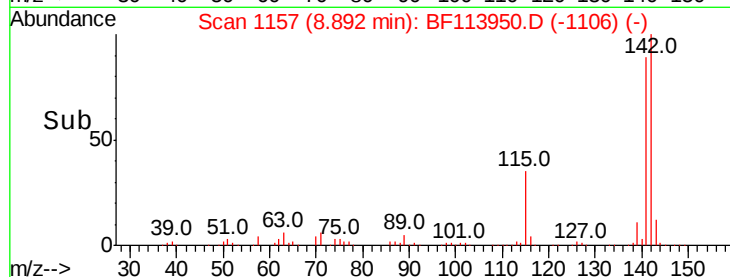
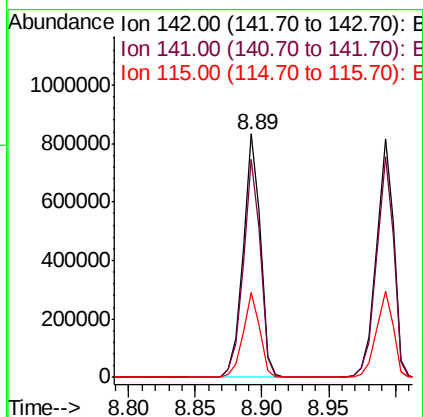
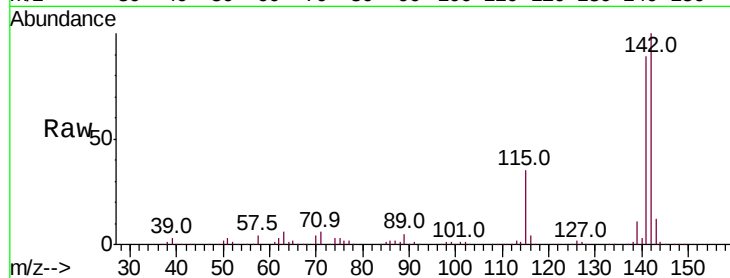
#37
2-Methylnaphthalene
Concen: 40.587 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.4	105.6
115	34.9	26.3	39.5

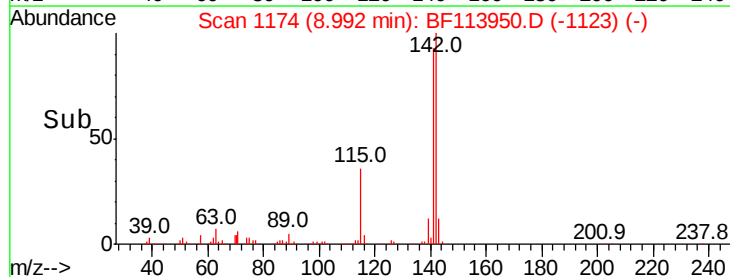
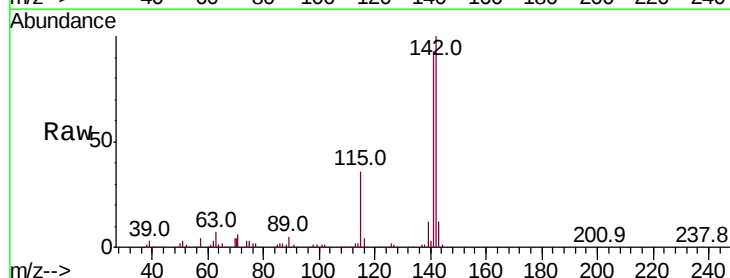
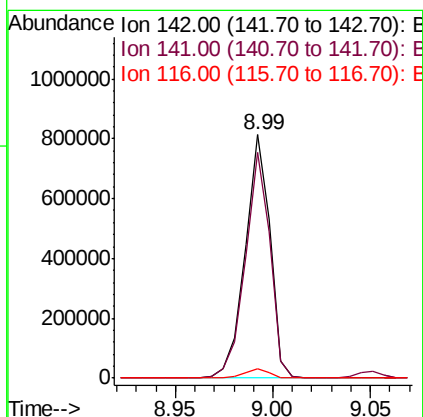
Manual Integrations
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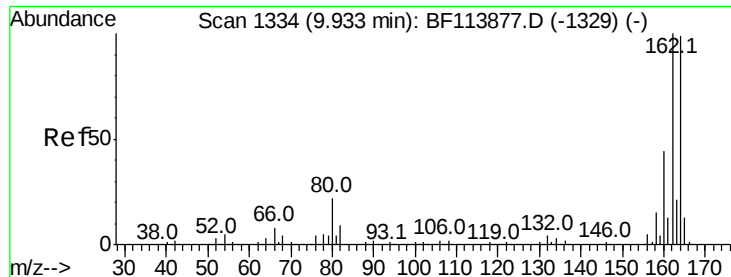
Sohil
4/25/2019 5:26:54 PM



#38
1-Methylnaphthalene
Concen: 40.721 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.3	108.5
116	3.9	3.0	4.4





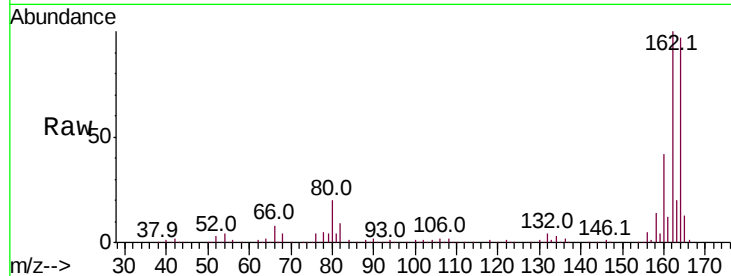
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	297297		
162	103.0	81.1	121.7	
160	43.3	35.8	53.6	

Manual Integrations
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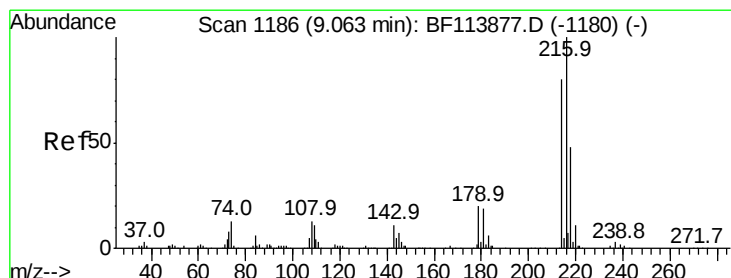
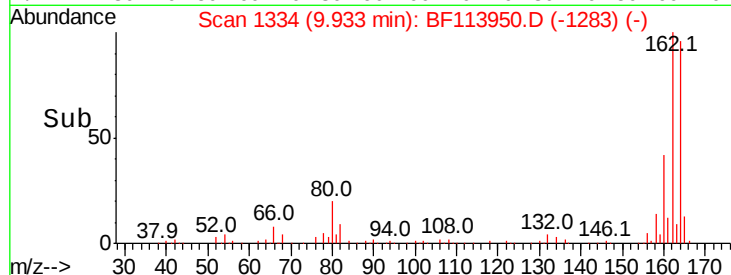
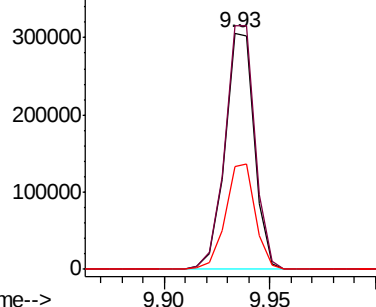


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.045 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	396374		
214	78.6	63.5	95.3	
179	20.6	16.1	24.1	
108	16.3	13.4	20.0	

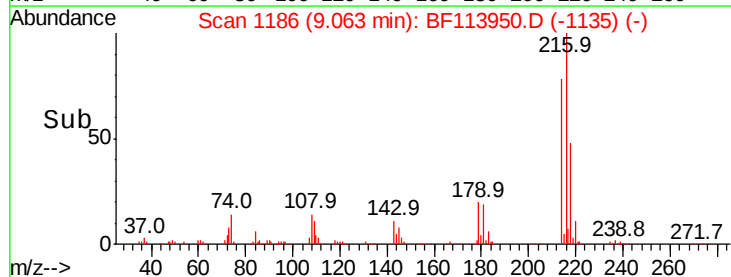
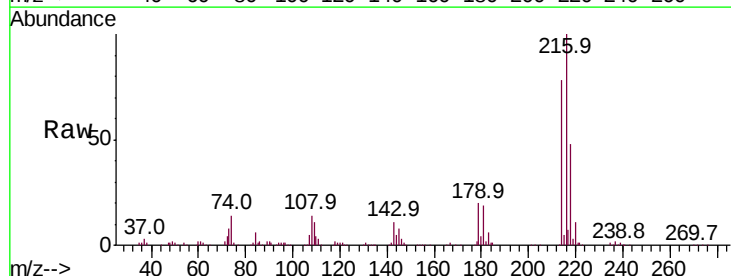
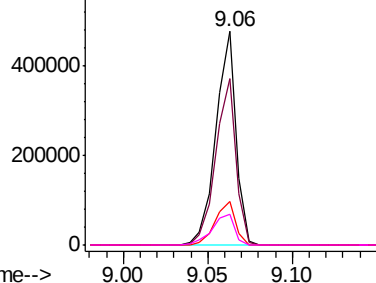
Abundance

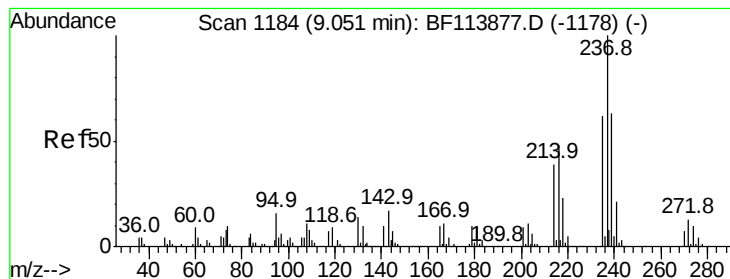
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.930 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

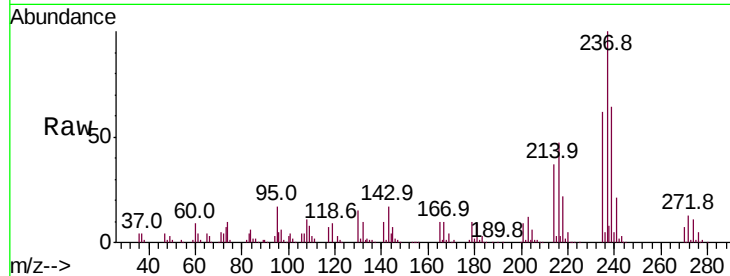
ClientSampleId :

SSTDCCC040

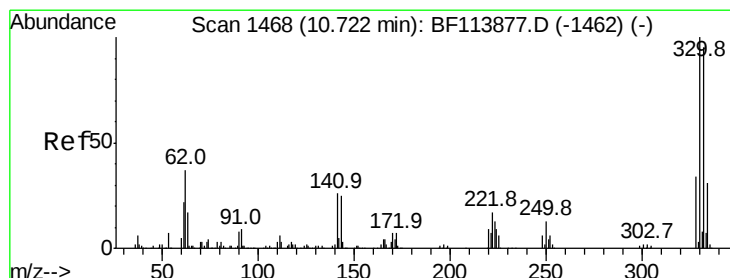
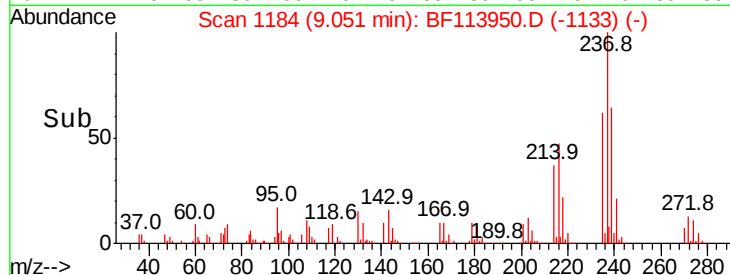
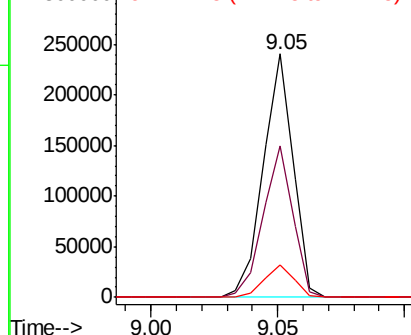
Tot Ion:	237	Resp:	198875
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.6	82.6
272	13.4	0.0	33.8

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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: 80.155 ng

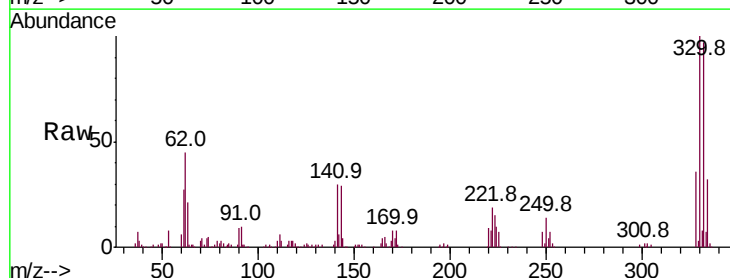
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

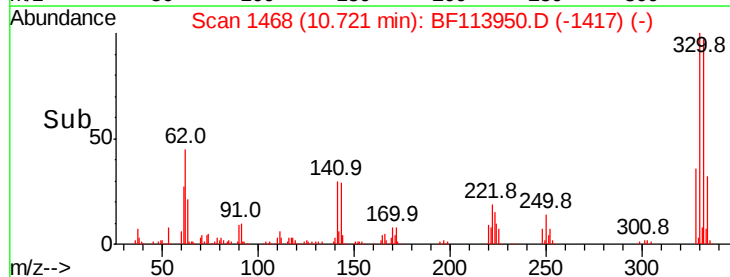
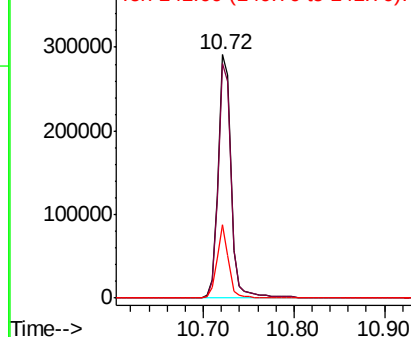
Lab File: BF113950.D

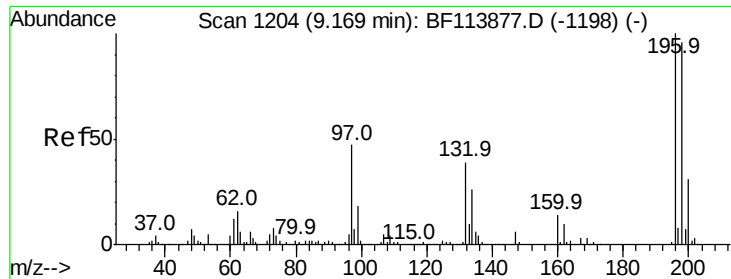
Acq: 24 Apr 2019 10:03

Tgt Ion:	330	Resp:	290297
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.5	116.3
141	27.0	22.2	33.2



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





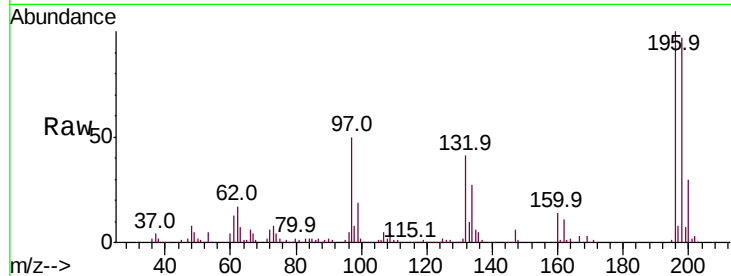
#43
 2,4,6-Trichlorophenol
 Concen: 40.163 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246289		
198	96.6	75.6	113.4	
200	30.4	24.7	37.1	

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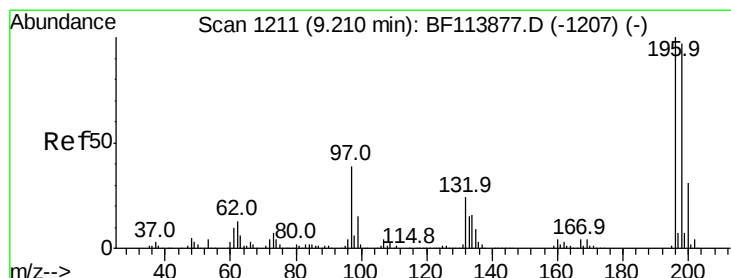
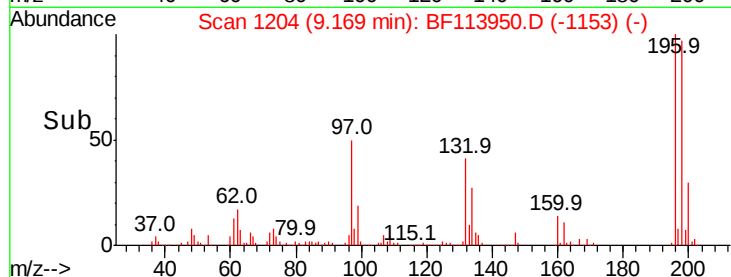
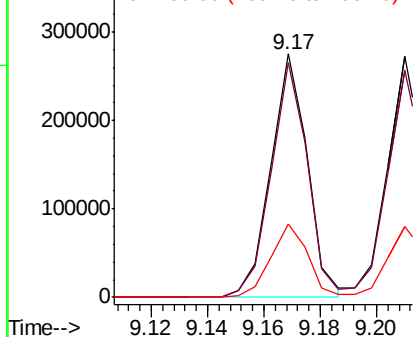


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.189 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283305		
198	94.2	76.2	114.4	
97	43.1	35.8	53.8	
132	25.7	20.9	31.3	

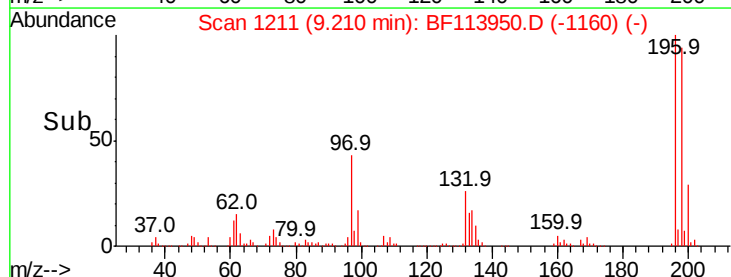
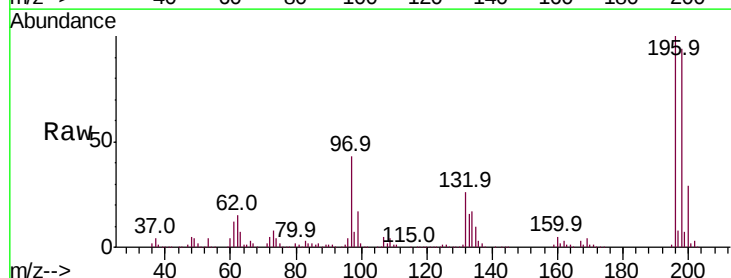
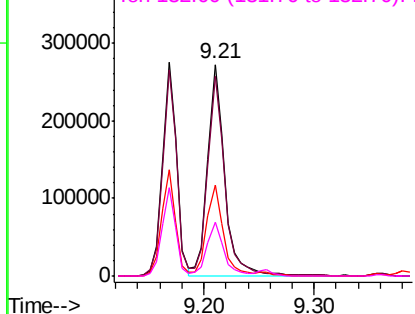
Abundance

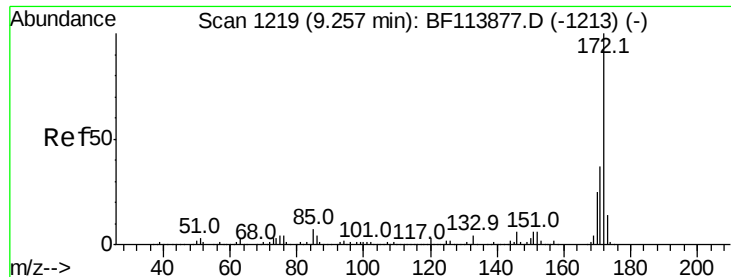
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





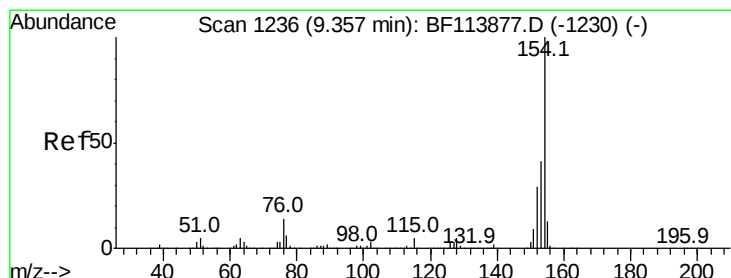
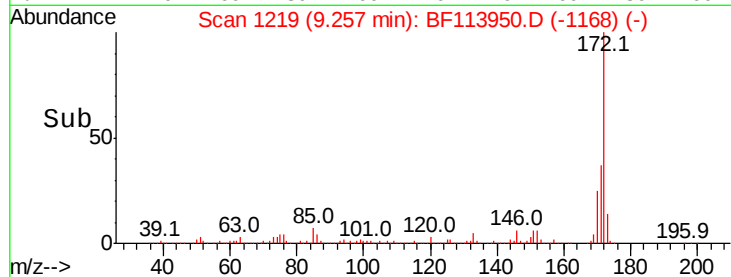
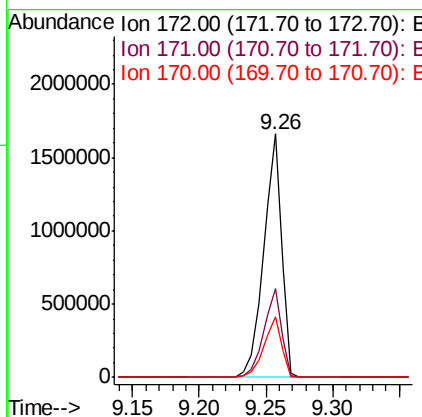
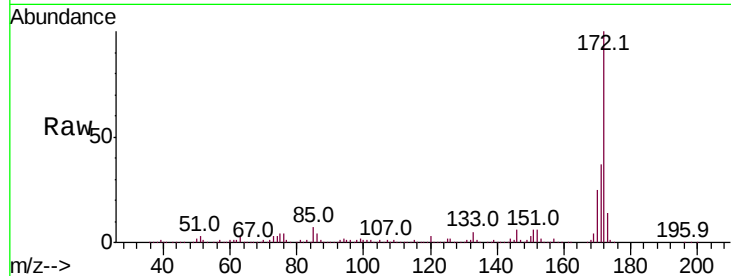
#45
2-Fluorobiphenyl
Concen: 80.274 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.9	19.9	29.9

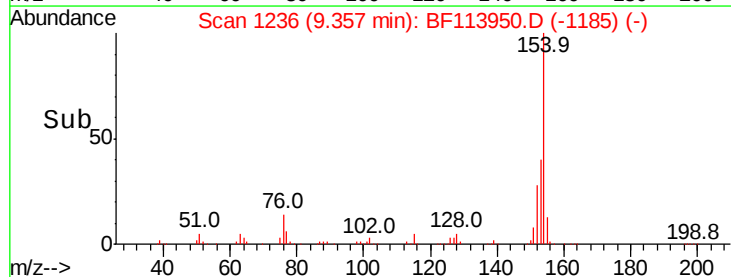
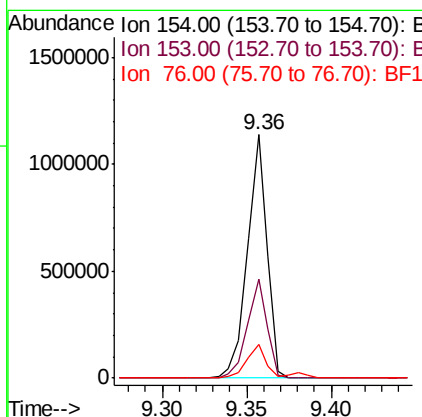
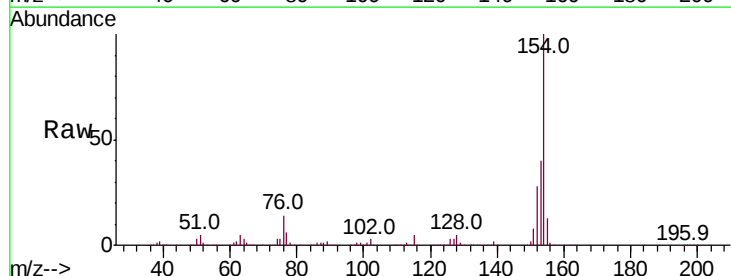
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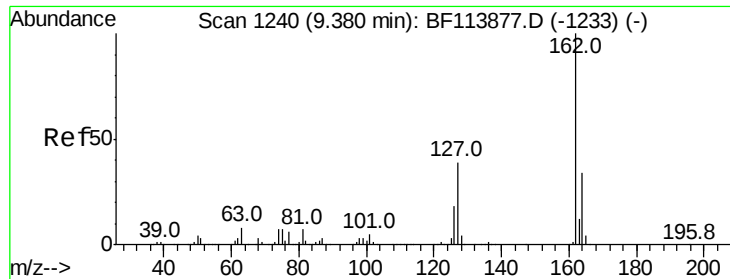
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#46
1,1'-Biphenyl
Concen: 41.001 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	13.6	0.0	35.2





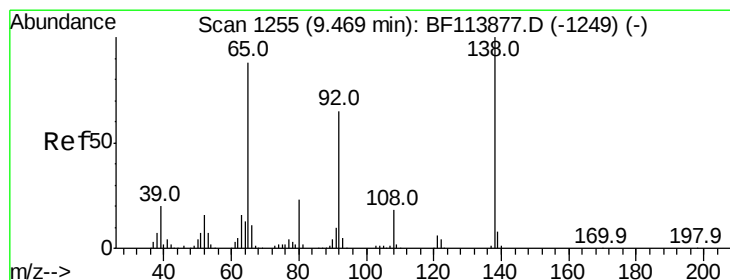
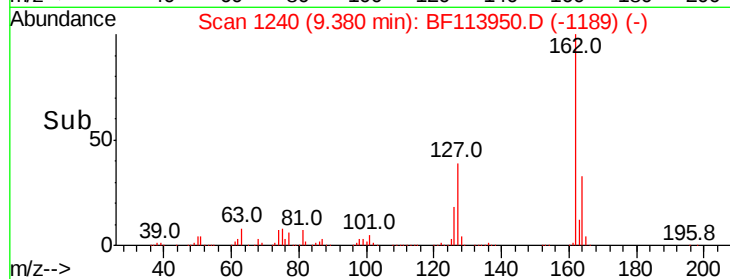
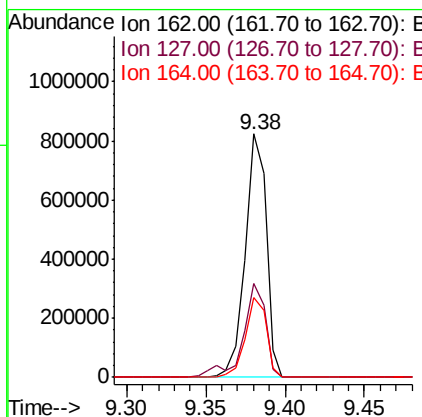
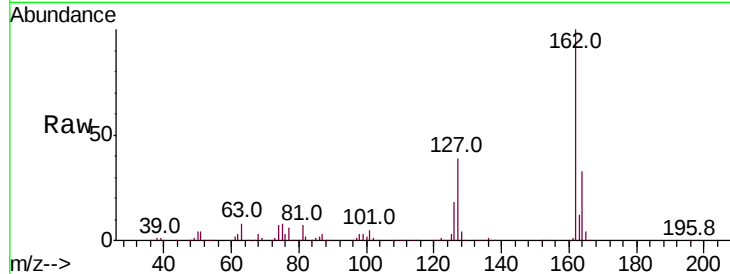
#47
 2-Chloronaphthalene
 Concen: 40.886 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	29.3	43.9	
164	33.0	27.1	40.7	

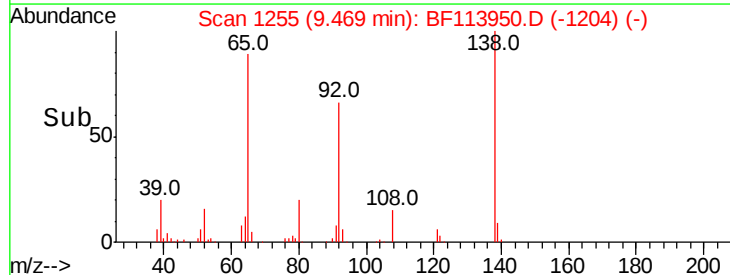
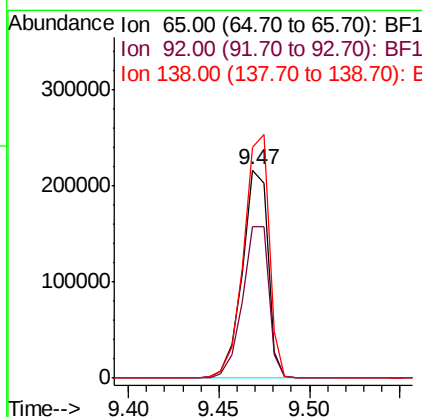
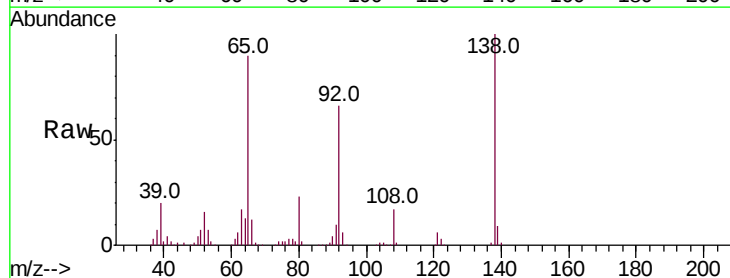
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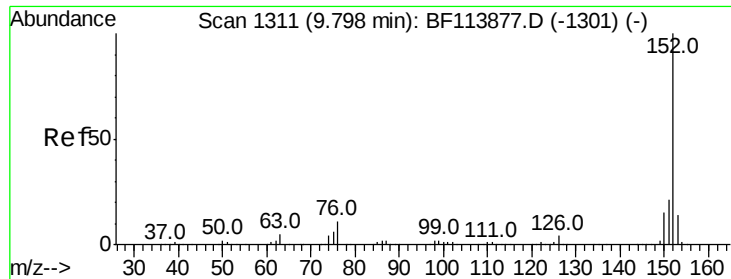
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#48
 2-Nitroaniline
 Concen: 43.721 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.9	57.4	86.0	
138	110.8	85.4	128.0	





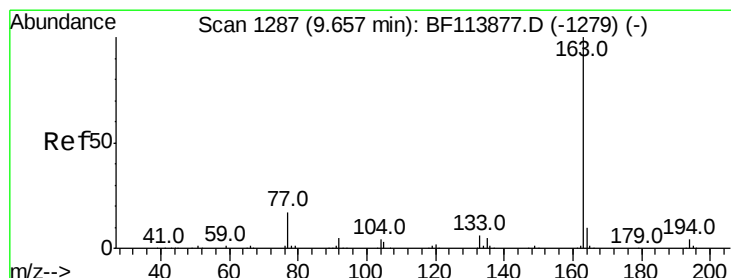
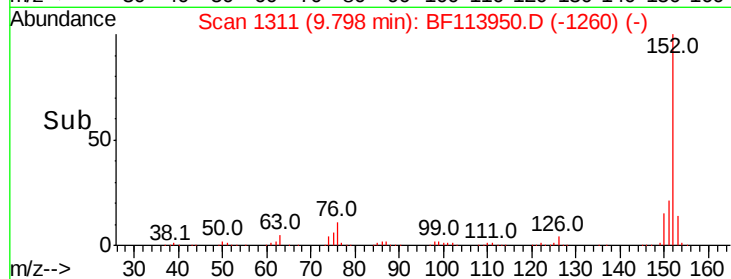
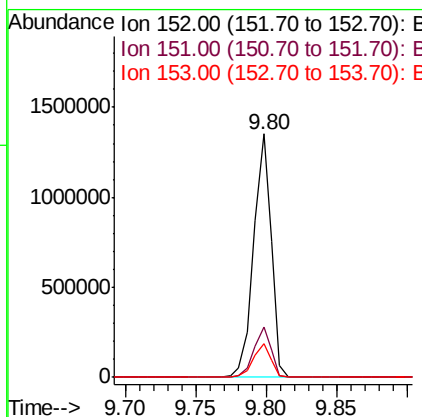
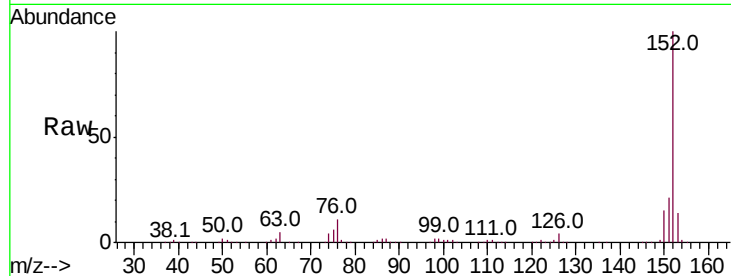
#49
Acenaphthylene
Concen: 41.112 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.8	11.0	16.6

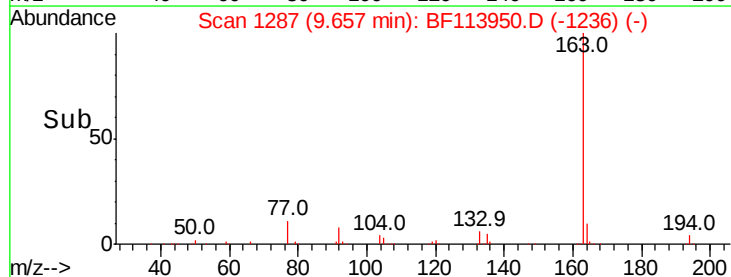
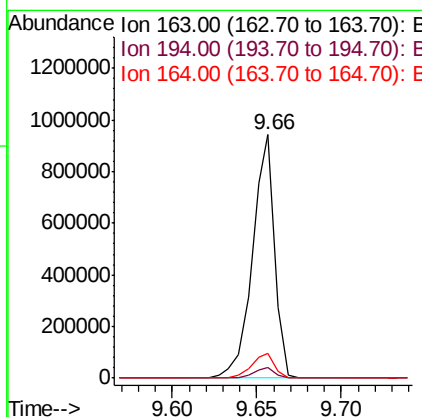
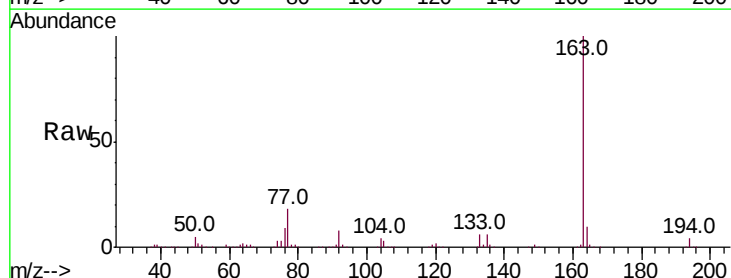
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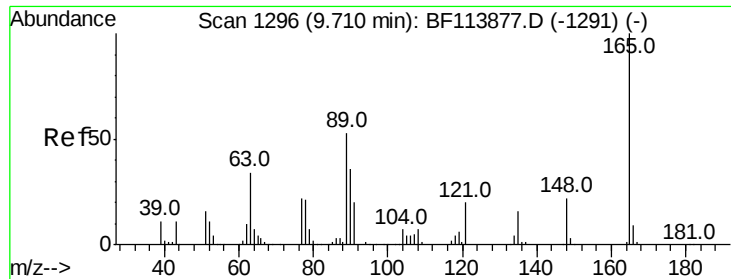
Sohil
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#50
Dimethylphthalate
Concen: 40.090 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.5	12.7





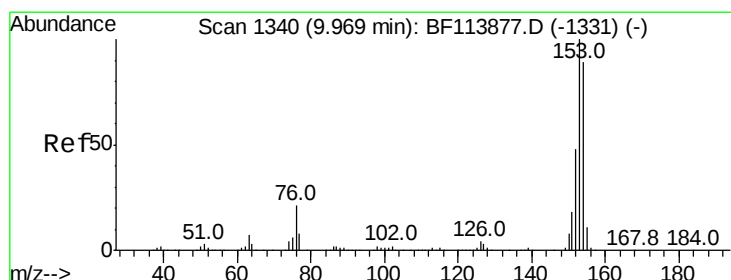
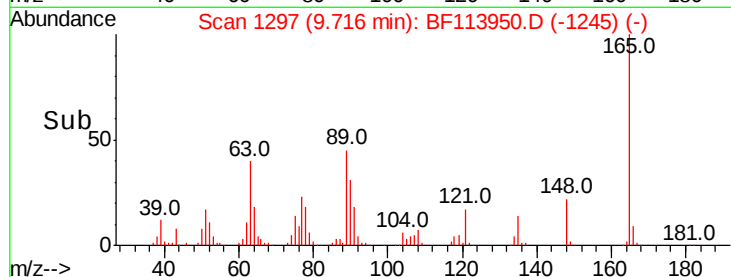
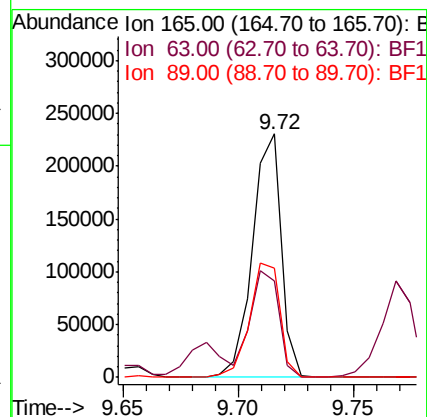
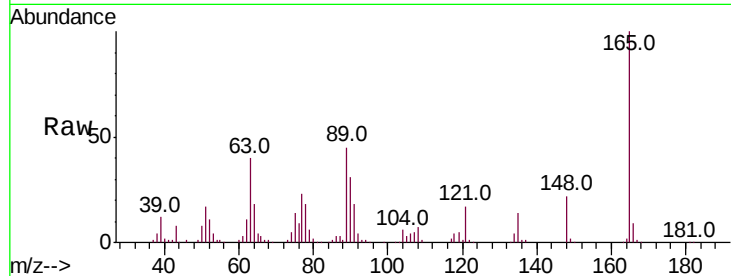
#51
 2,6-Dinitrotoluene
 Concen: 43.735 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201739		
63	39.5		33.8	50.8
89	44.7		38.2	57.2

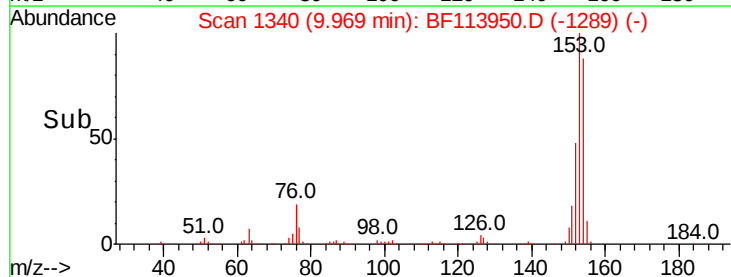
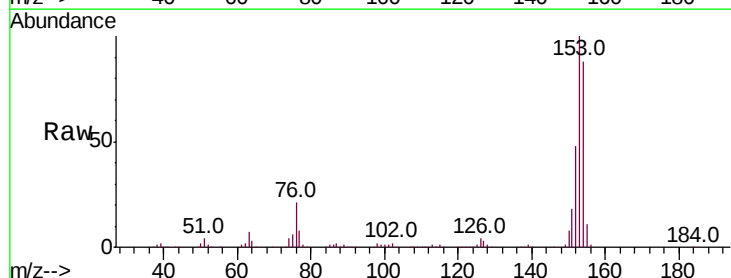
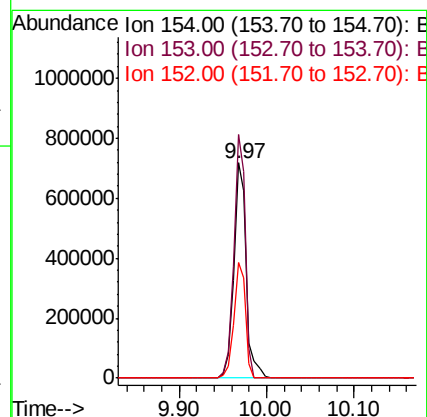
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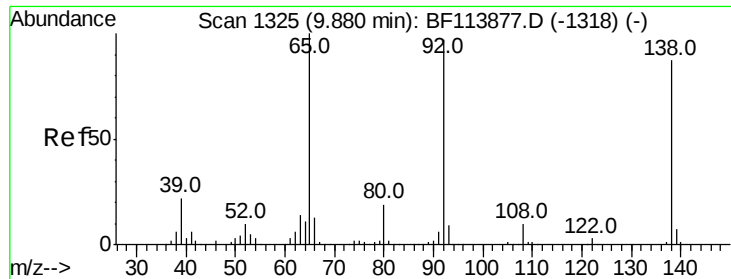
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#52
 Acenaphthene
 Concen: 41.235 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	704608		
153	113.1		87.2	130.8
152	53.9		42.3	63.5





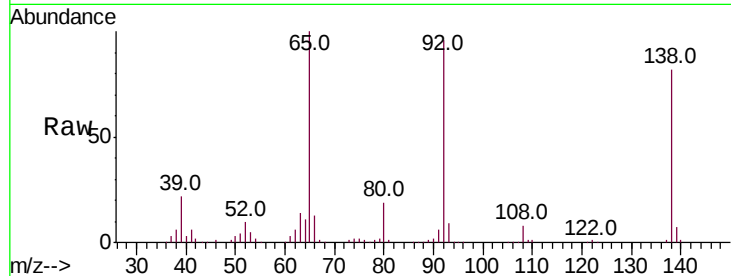
#53
3-Nitroaniline
Concen: 42.607 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.2
92	117.4	94.1	141.1

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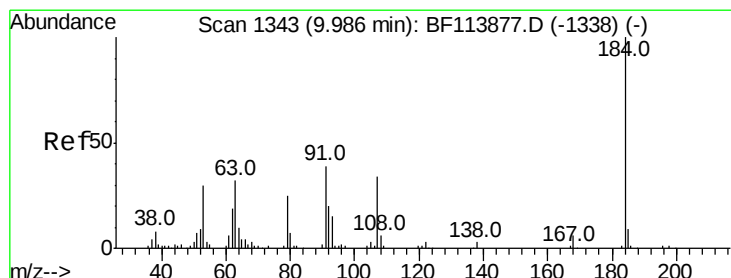
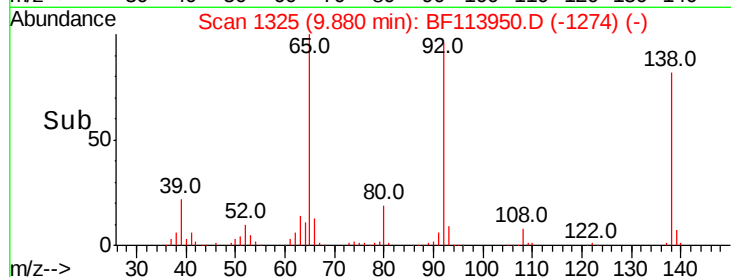
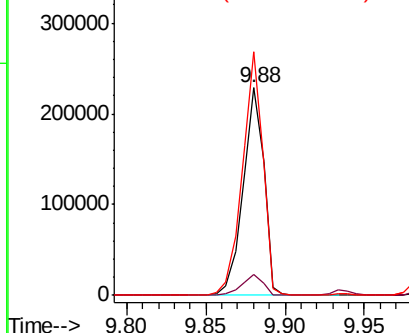


Abundance

Ion 138.00 (137.70 to 138.70): E

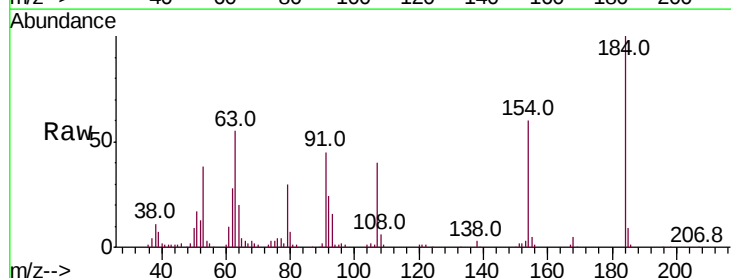
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 46.112 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	54.6	81.8
154	59.9	218.6	328.0#

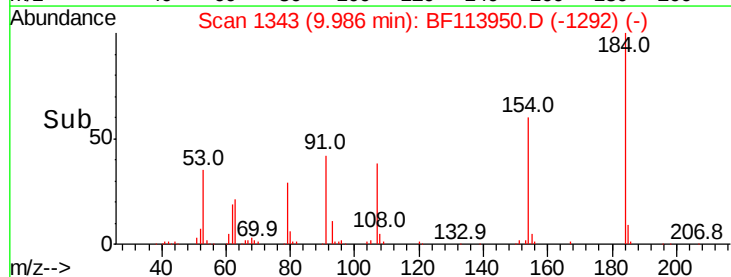
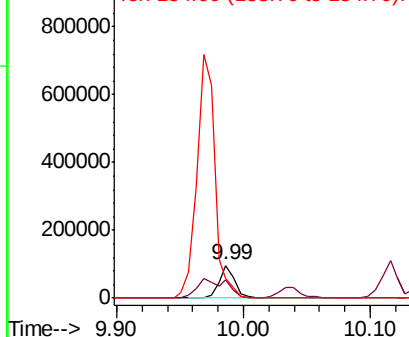


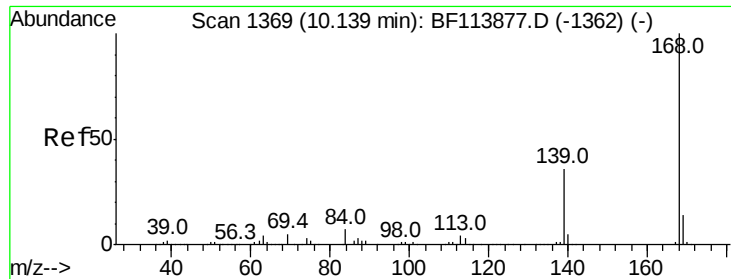
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





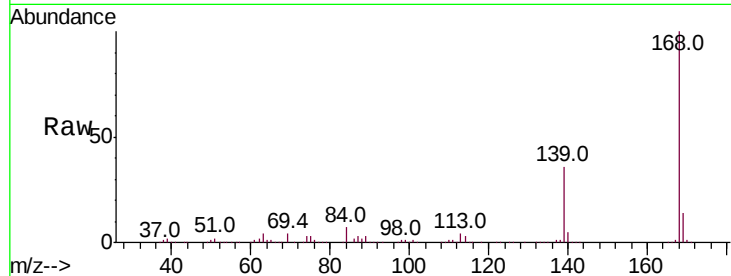
#55
Dibenzofuran
Concen: 40.855 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	27.8	41.6
169	13.9	11.0	16.6

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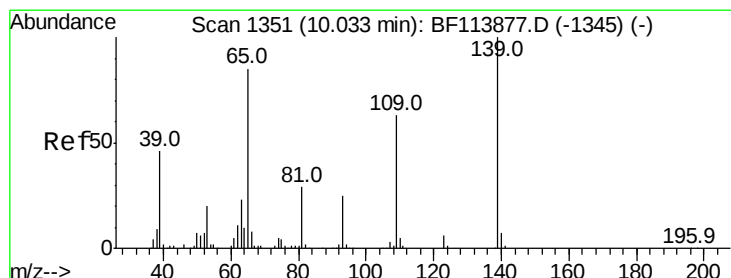
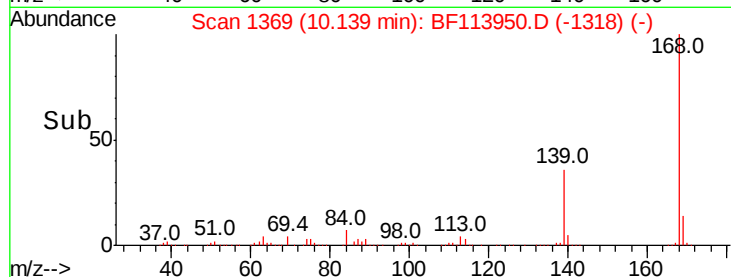
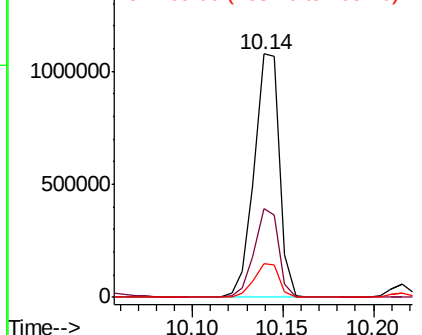


Abundance

Ion 168.00 (167.70 to 168.70): E

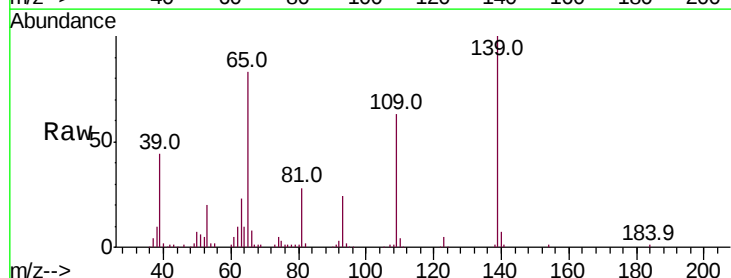
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.633 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	42.9	82.9
65	83.2	64.4	104.4

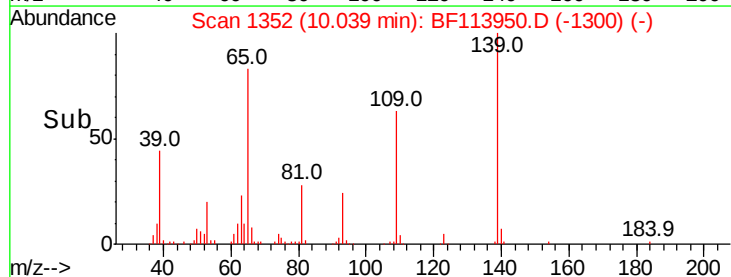
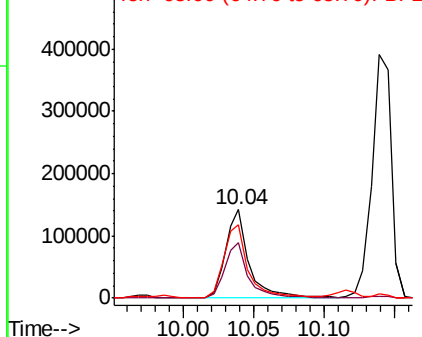


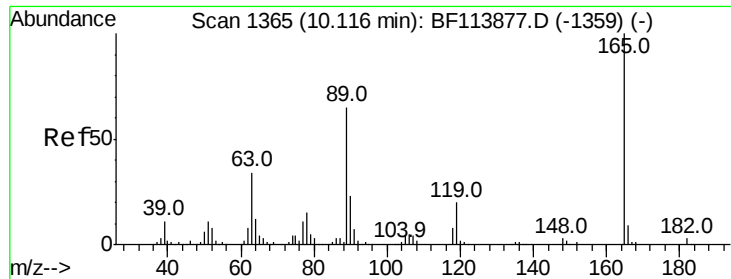
Abundance

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





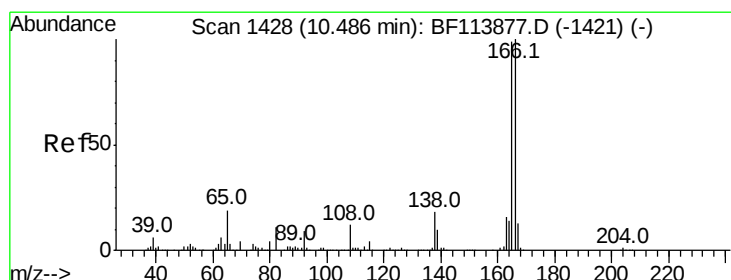
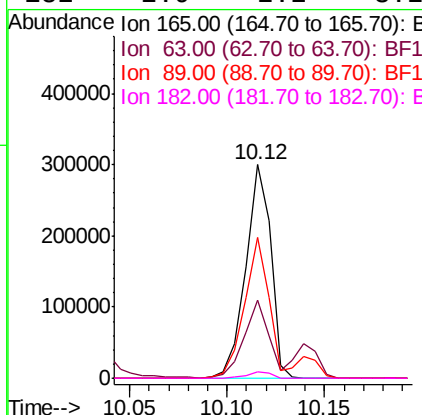
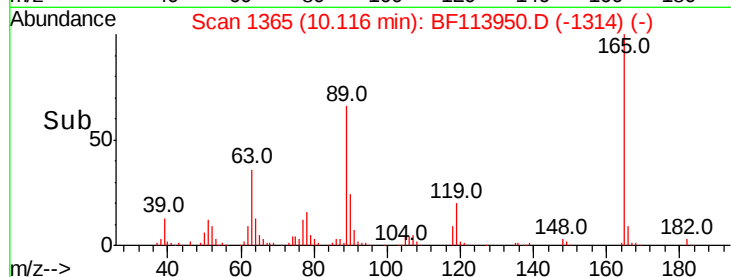
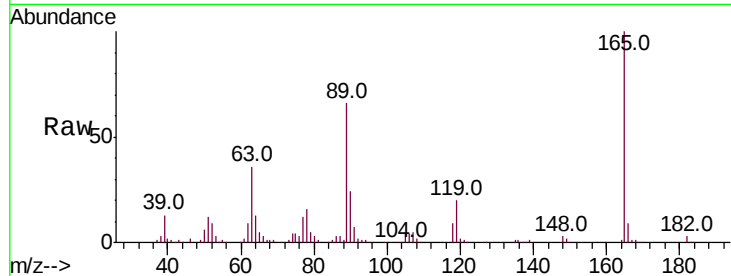
#57
2,4-Dinitrotoluene
Concen: 45.781 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266554		
63	36.4		27.4	41.0
89	66.0		51.8	77.6
182	2.9		2.2	3.2

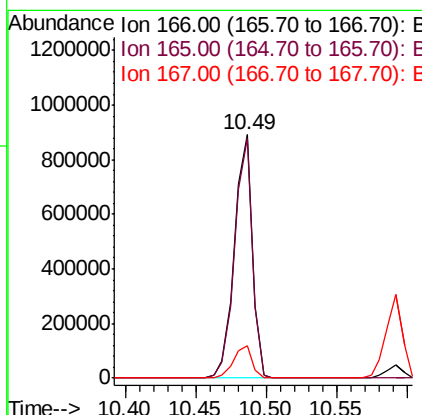
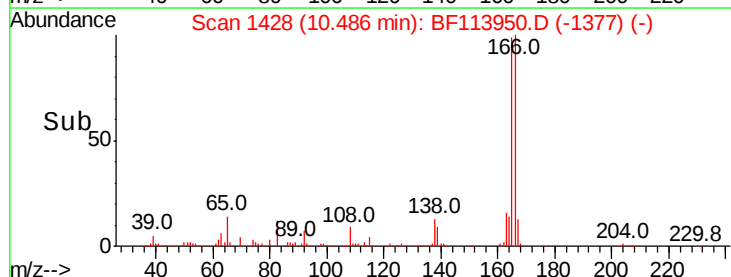
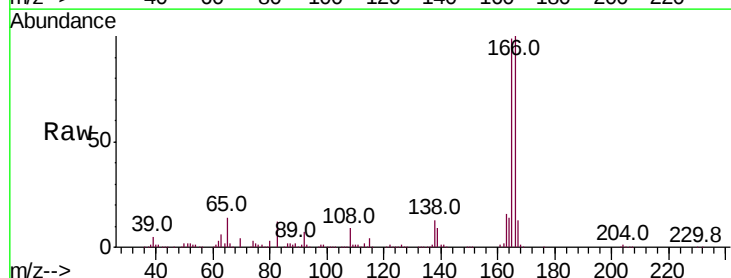
Manual Integrations
APPROVED

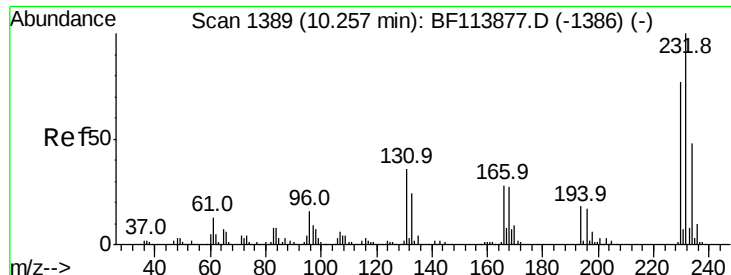
Sohil
4/25/2019 5:26:54 PM



#58
Fluorene
Concen: 40.896 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	788085		
165	98.7		78.4	117.6
167	13.4		10.9	16.3





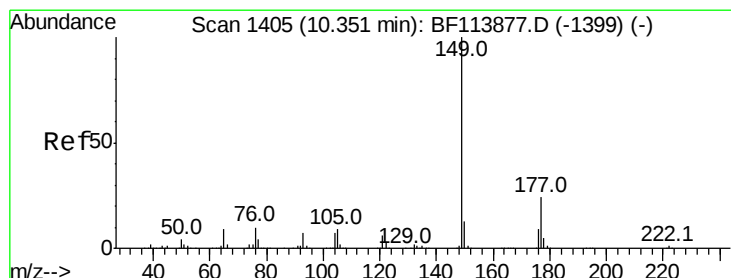
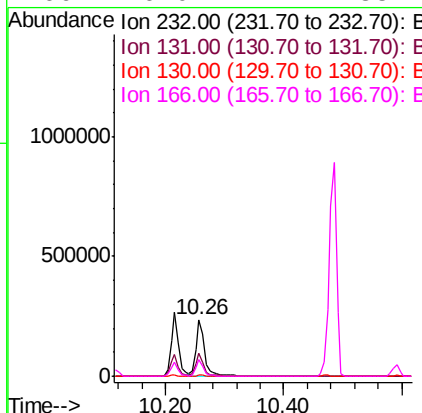
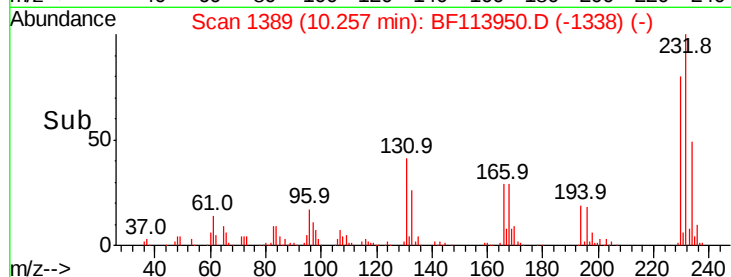
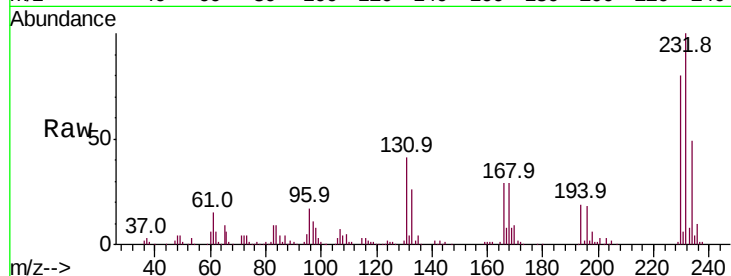
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.261 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	249402		
131	37.2		30.2	45.2
130	1.8		1.5	2.3
166	26.0		22.2	33.4

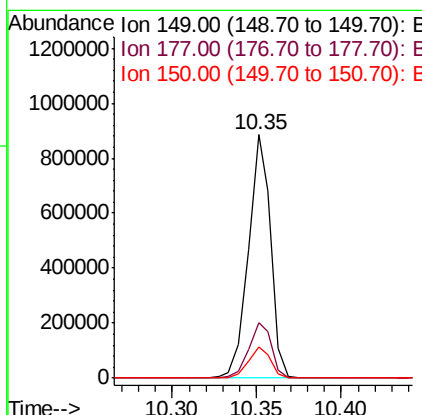
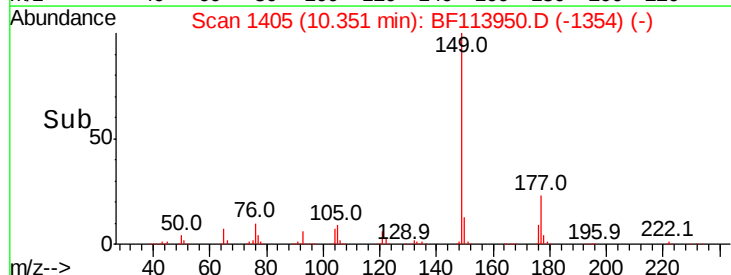
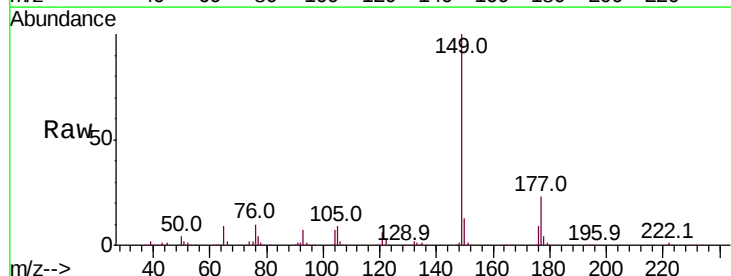
Manual Integrations
 APPROVED

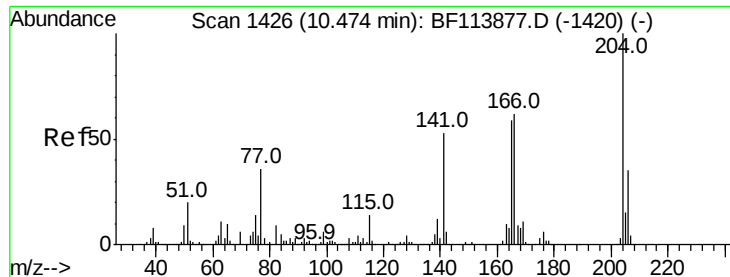
Sohil
 4/25/2019 5:26:54 PM



#60
 Diethylphthalate
 Concen: 39.757 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	811754		
177	23.0		19.2	28.8
150	12.8		10.3	15.5





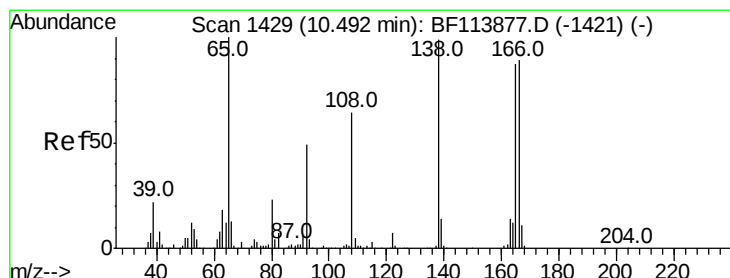
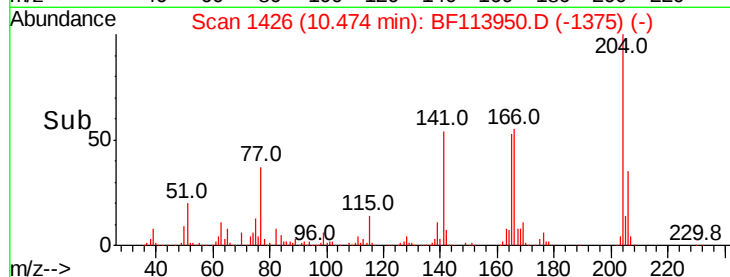
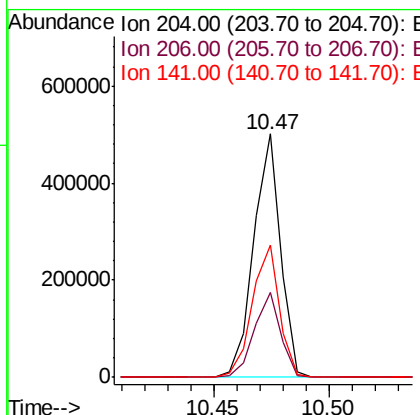
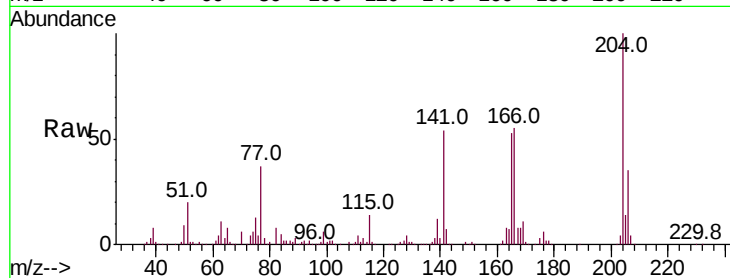
#61
4-Chlorophenyl-phenylether
Concen: 40.000 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.4	41.2
141	54.5	42.6	63.8

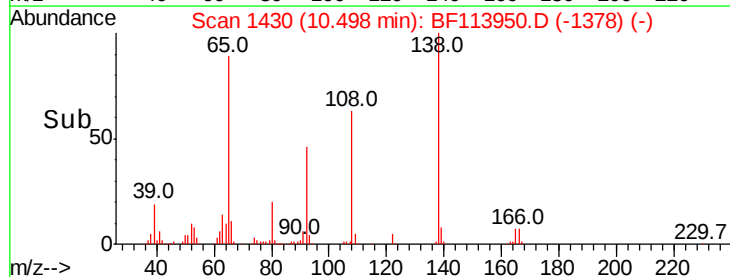
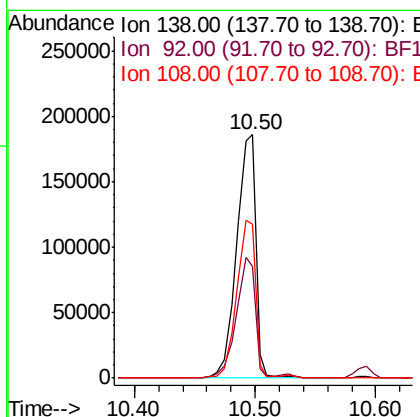
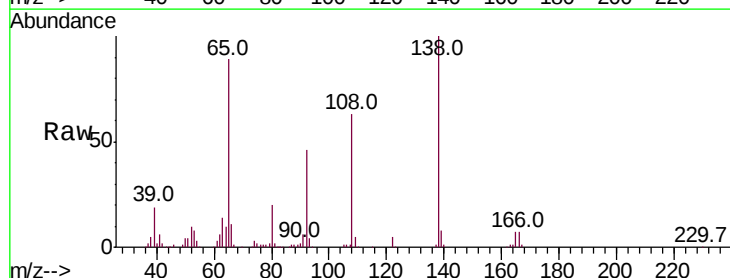
Manual Integrations
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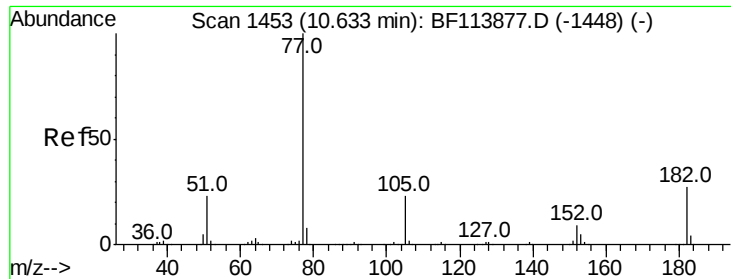
Sohil
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#62
4-Nitroaniline
Concen: 44.092 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	31.3	71.3
108	63.4	48.9	88.9





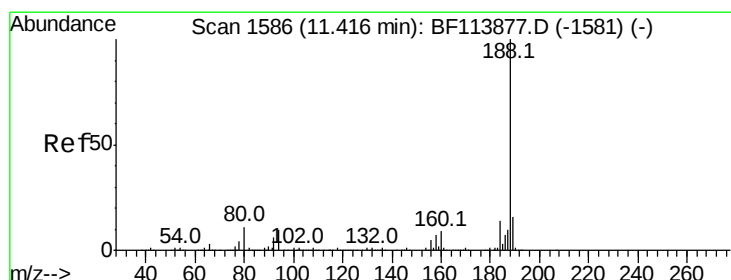
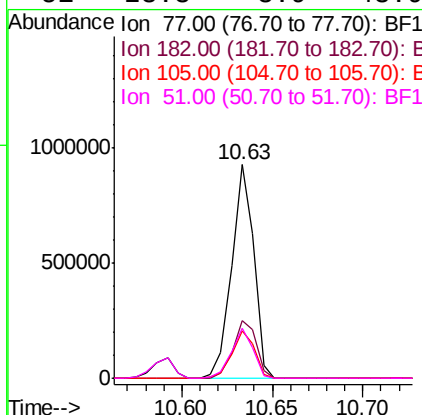
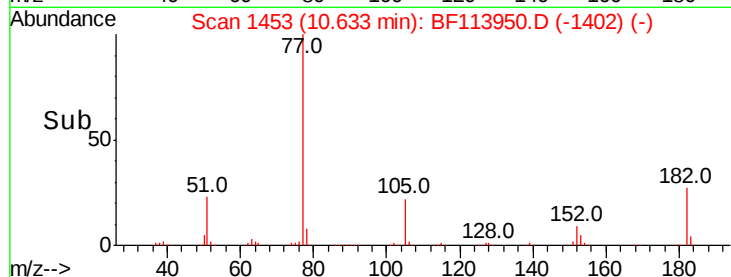
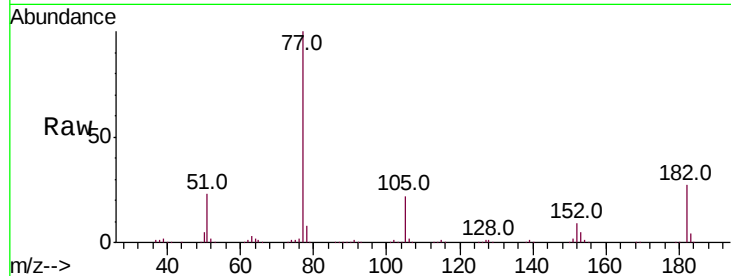
#63
Azobenzene
Concen: 39.865 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.9	4.4	44.4	
105	22.5	2.2	42.2	
51	23.3	3.9	43.9	

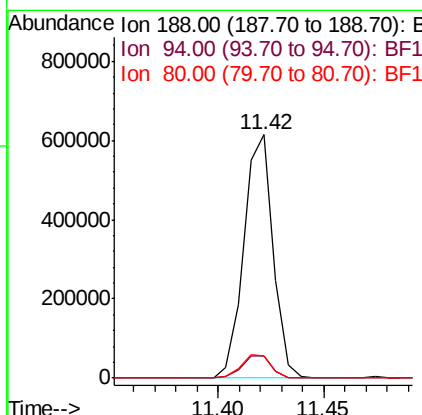
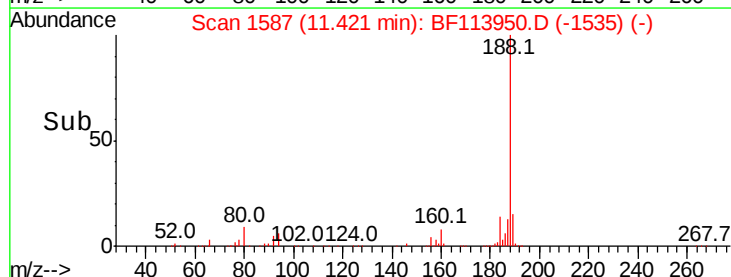
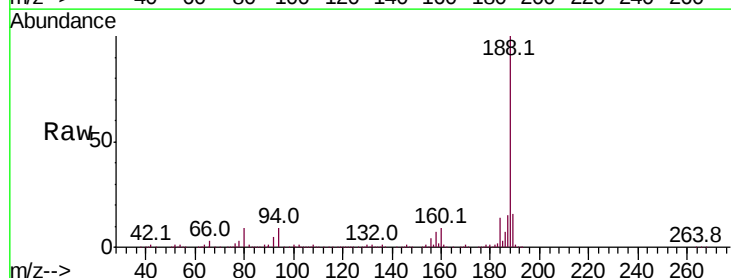
Manual Integrations
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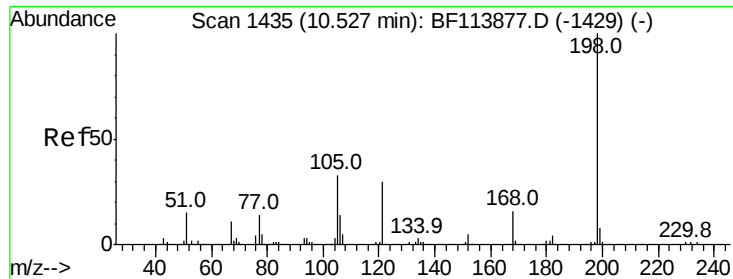
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

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





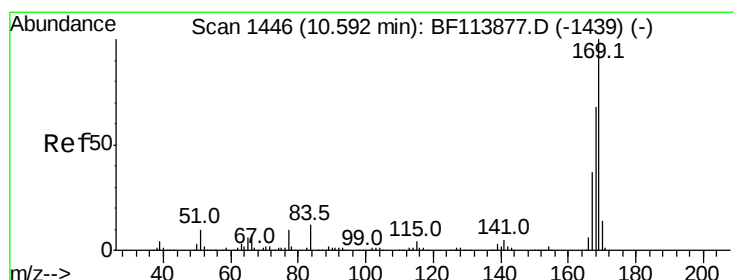
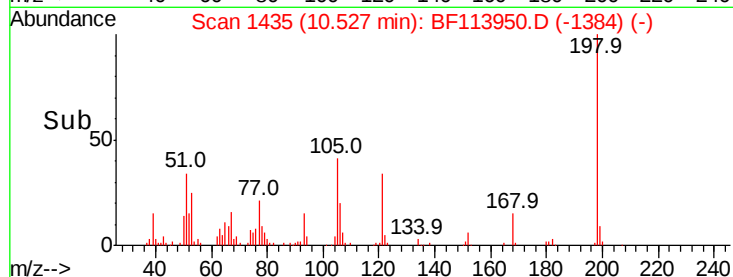
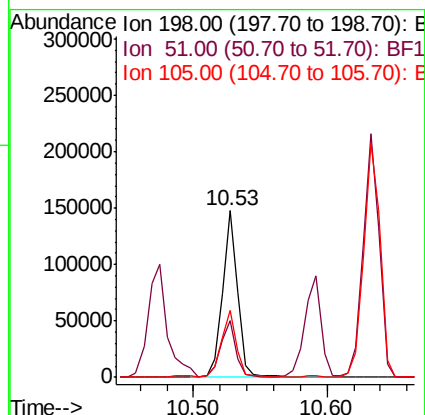
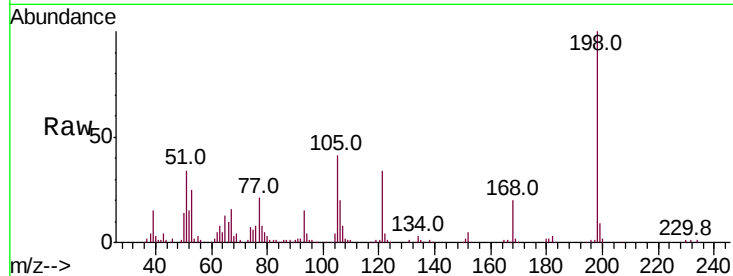
#65
4,6-Dinitro-2-methylphenol
Concen: 44.623 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	118567		
51	33.9	11.1	51.1	
105	40.6	20.7	60.7	

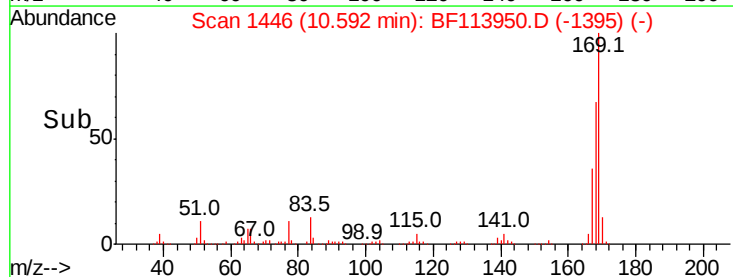
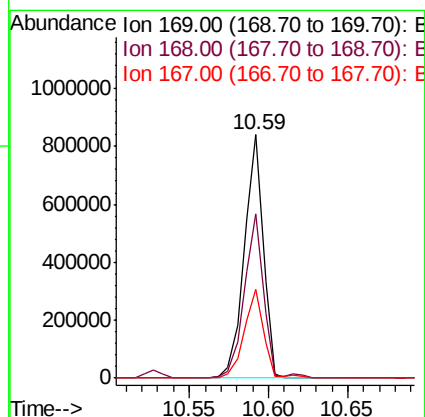
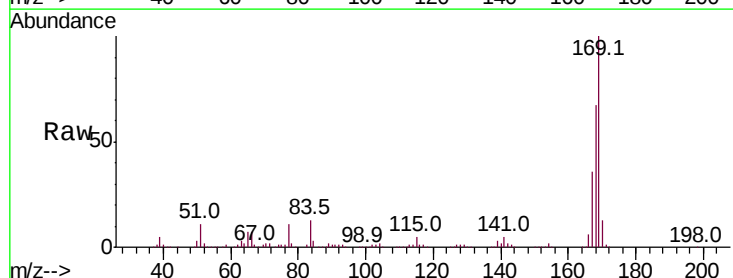
Manual Integrations
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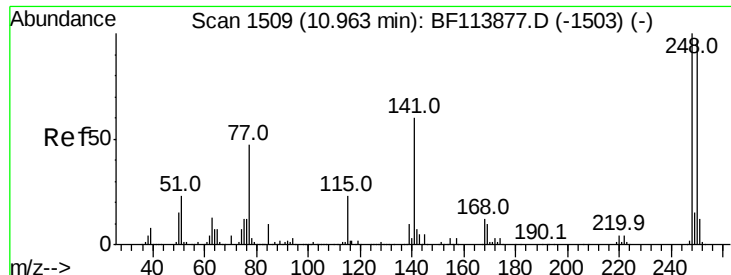
Sohil
4/25/2019 5:26:54 PM



#66
n-Nitrosodiphenylamine
Concen: 39.528 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	697034		
168	67.2	54.3	81.5	
167	36.3	29.4	44.0	





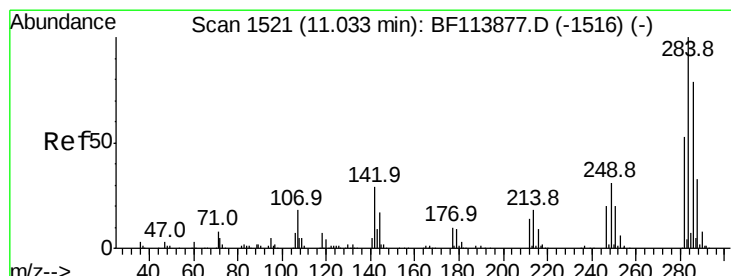
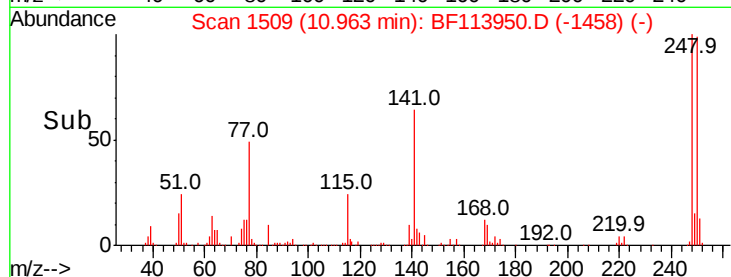
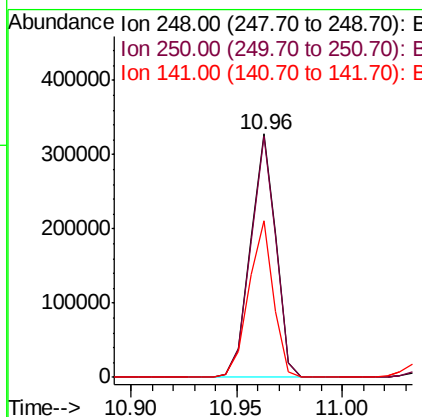
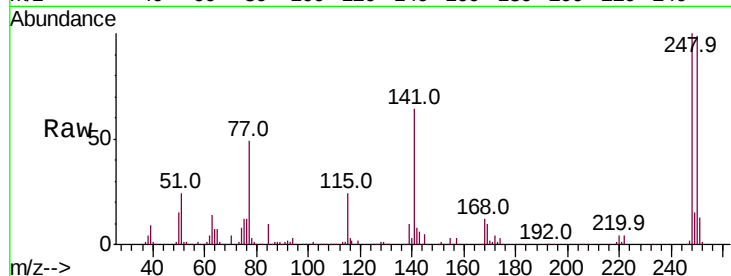
#67
 4-Bromophenyl-phenylether
 Concen: 38.526 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.8	113.6
141	64.4	50.2	75.4

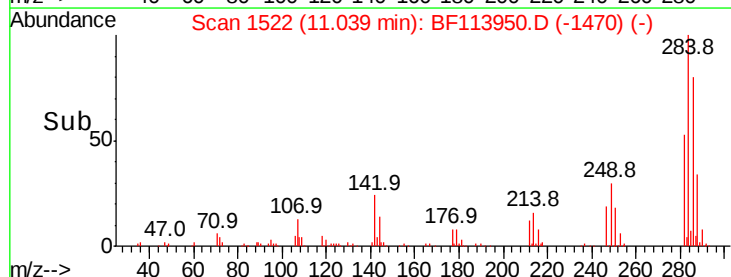
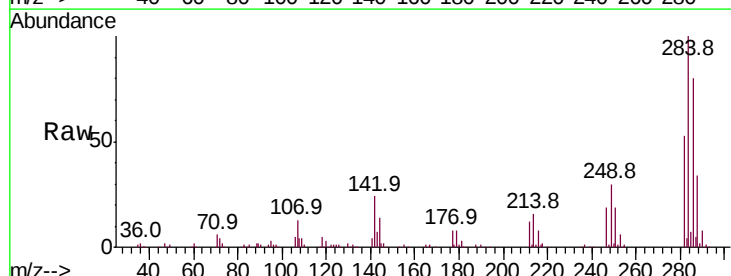
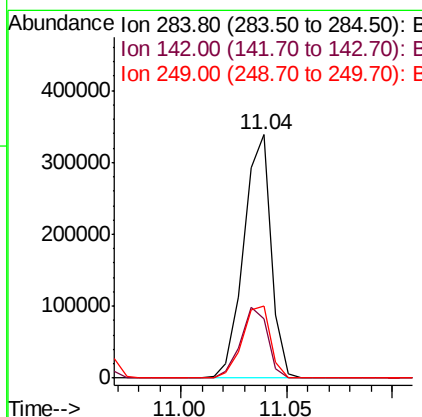
Manual Integrations
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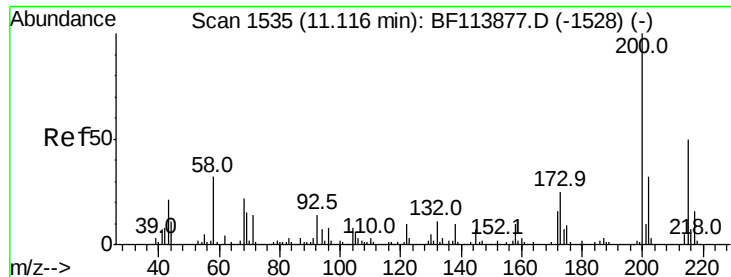
Sohil
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#68
 Hexachlorobenzene
 Concen: 39.014 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	23.0	34.4
249	29.7	24.4	36.6





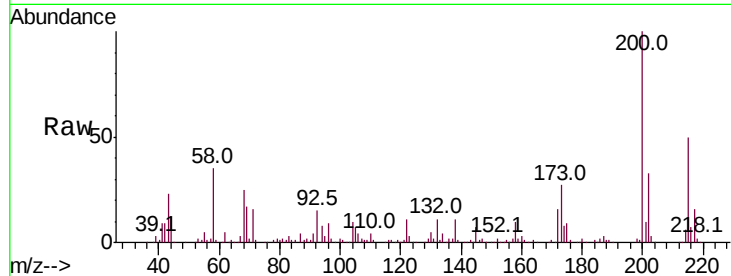
#69
Atrazine
Concen: 38.185 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	219044		
173	27.1	5.9	45.9	
215	50.2	29.3	69.3	

Manual Integrations
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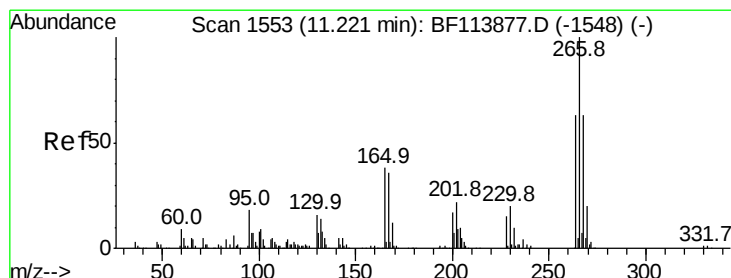
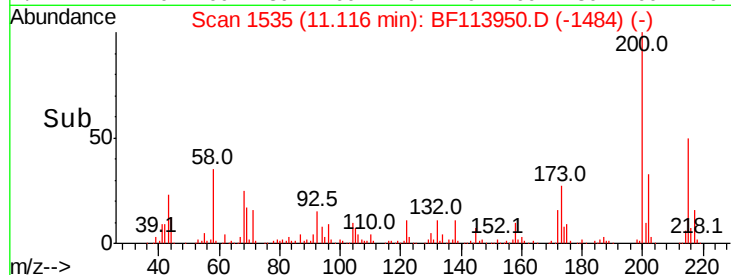
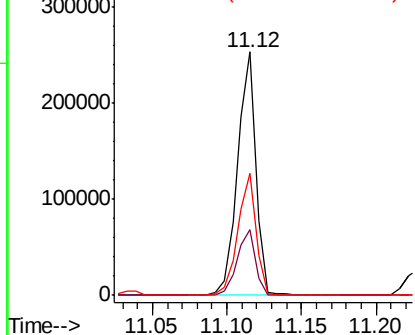


Abundance

Ion 200.00 (199.70 to 200.70): E

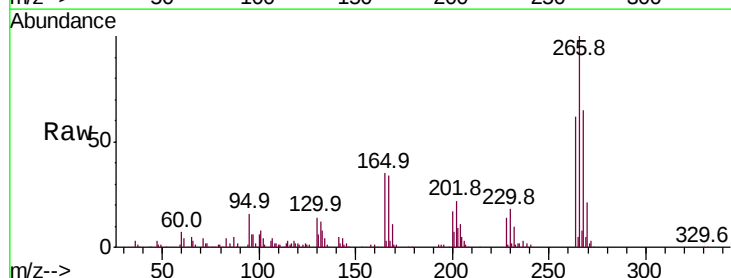
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 39.697 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	175351		
268	65.3	53.5	80.3	
264	62.0	51.0	76.6	

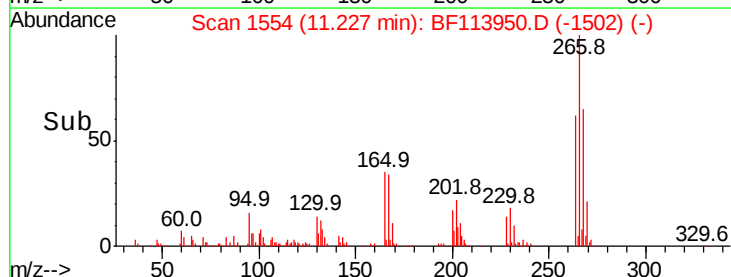
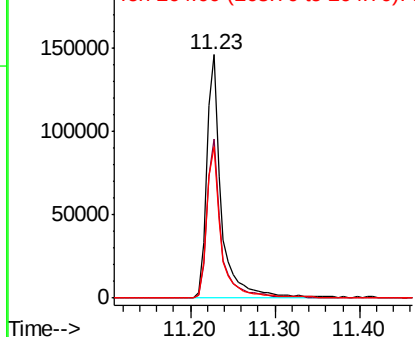


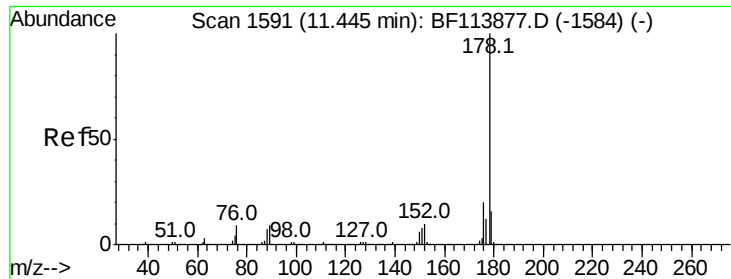
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





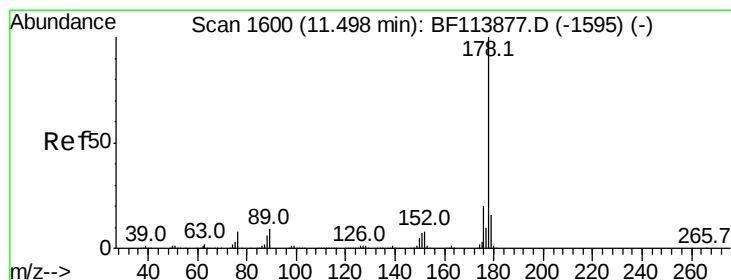
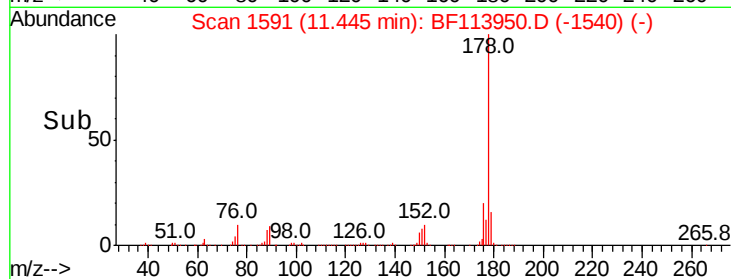
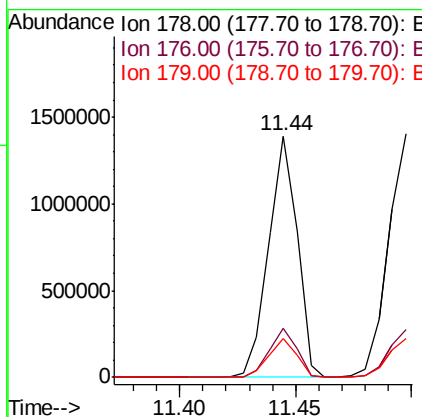
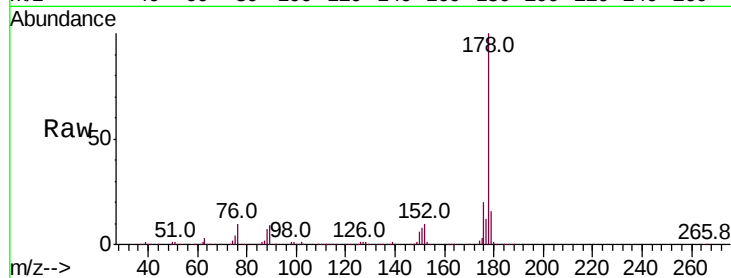
#71
Phenanthrene
Concen: 40.792 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1204797
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.0 12.8 19.2

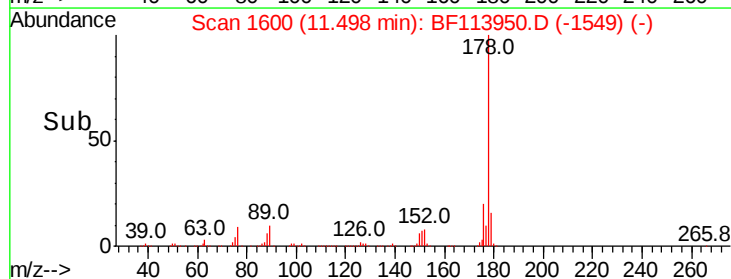
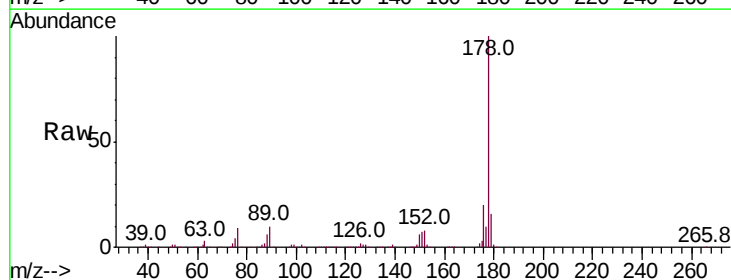
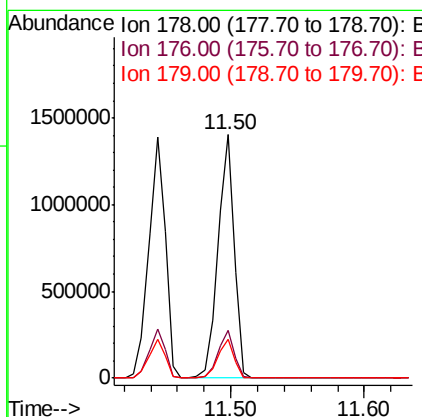
Manual Integrations
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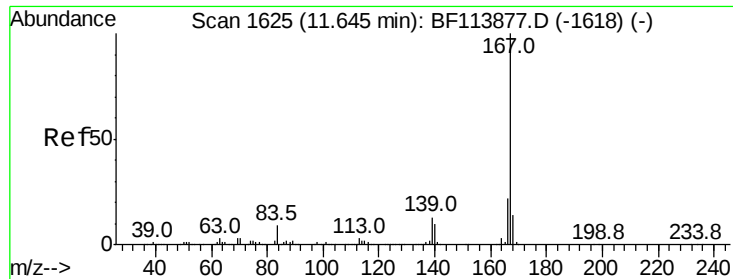
Sohil
4/25/2019 5:26:54 PM



#72
Anthracene
Concen: 40.585 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion:178 Resp: 1210456
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.0 13.0 19.4





#73

Carbazole

Concen: 41.309 ng

RT: 11.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1099183

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

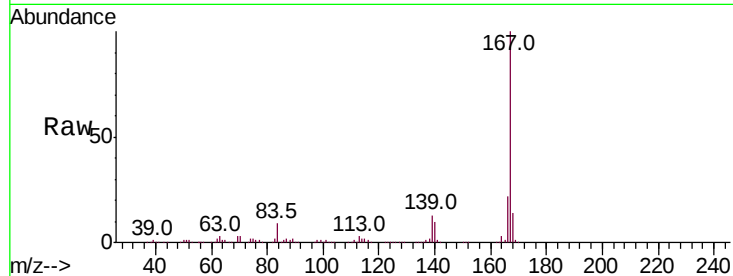
139 13.0 10.0 15.0

Manual Integrations

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Sohil

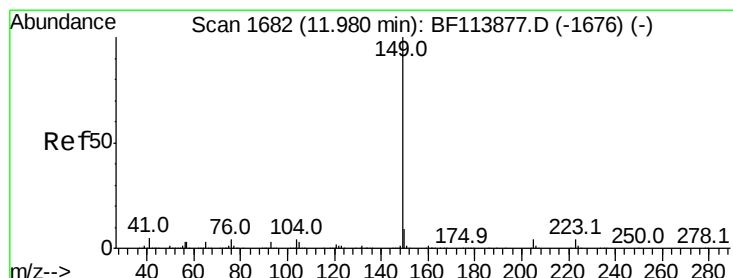
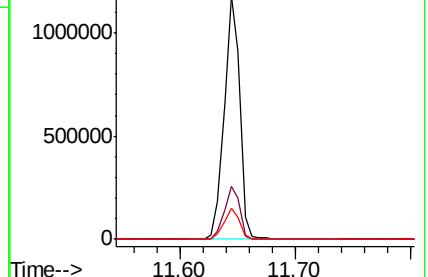
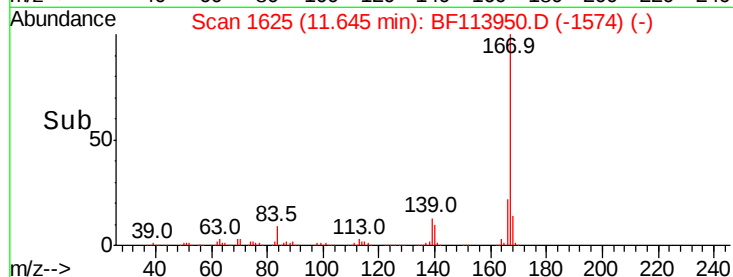
4/25/2019 5:26:54 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.982 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

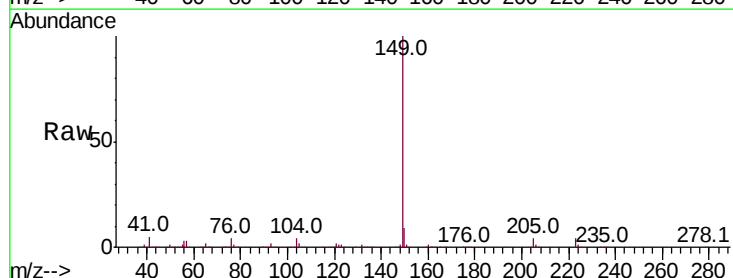
Tgt Ion:149 Resp: 1251459

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

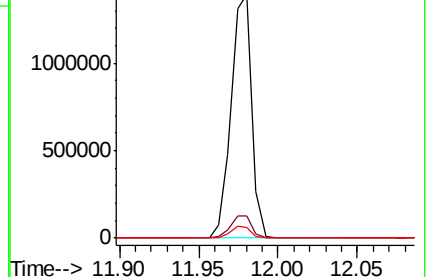
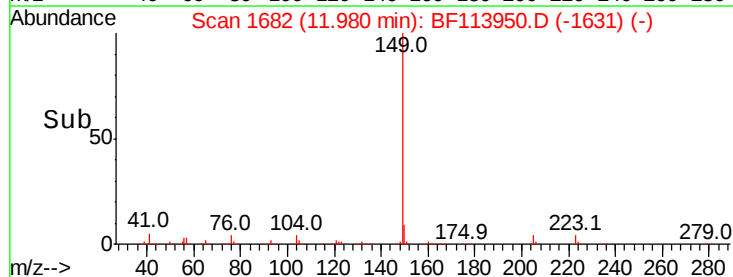
104 4.3 3.8 5.8

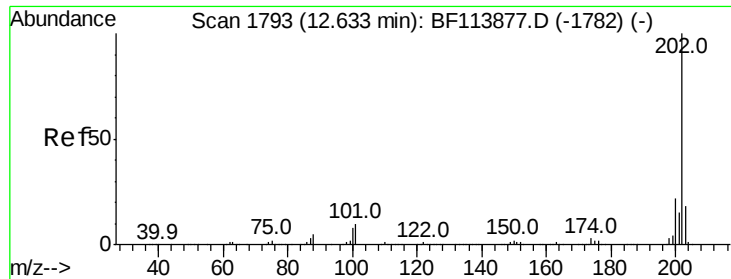


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.936 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

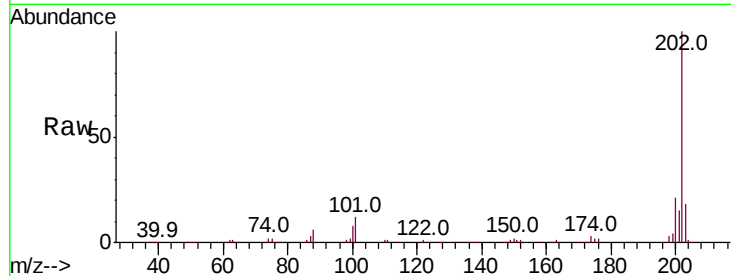
ClientSampleId :

SSTDCCC040

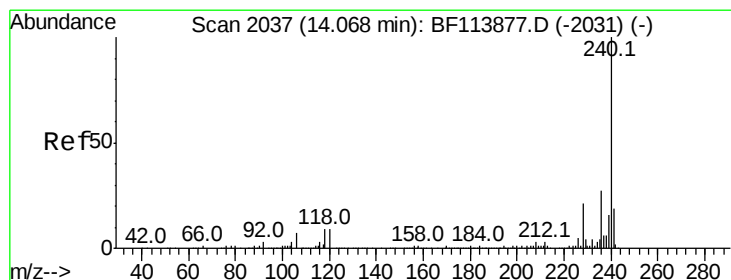
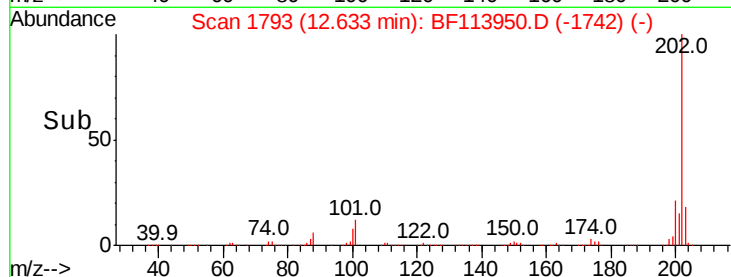
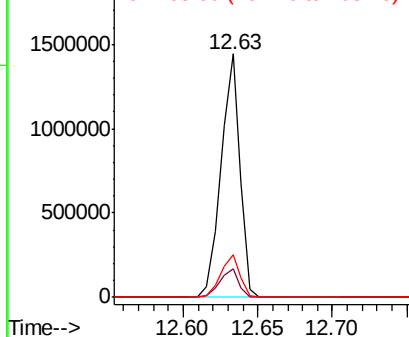
Tot Ion:	202	Resp:	1286855
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.9
203	17.7	0.0	38.2

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

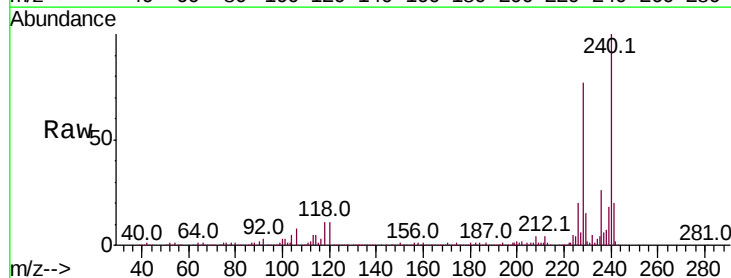
RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

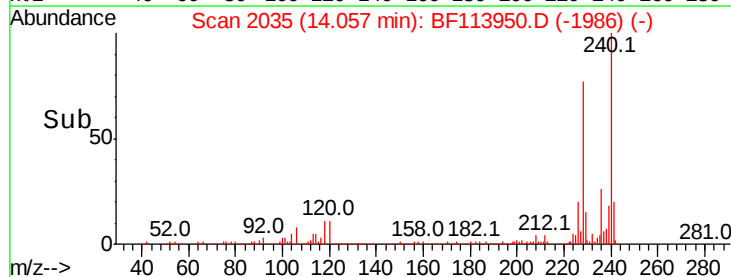
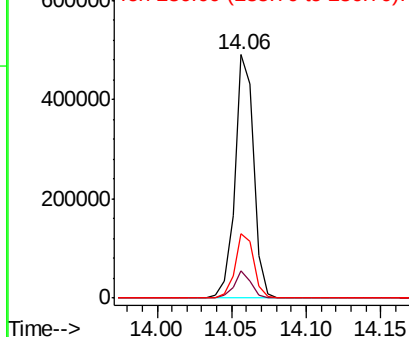
Lab File: BF113950.D

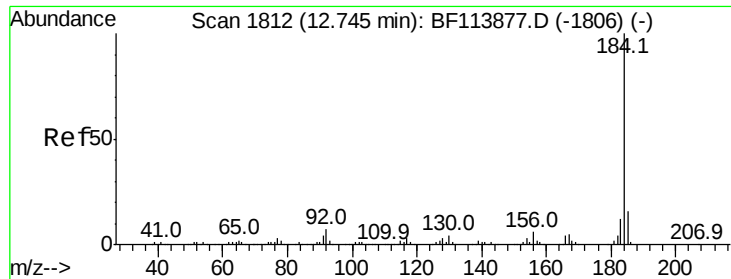
Acq: 24 Apr 2019 10:03

Tgt Ion:	240	Resp:	433446
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.3	13.9
236	26.4	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





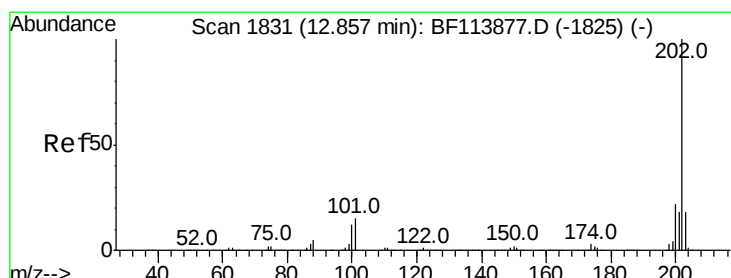
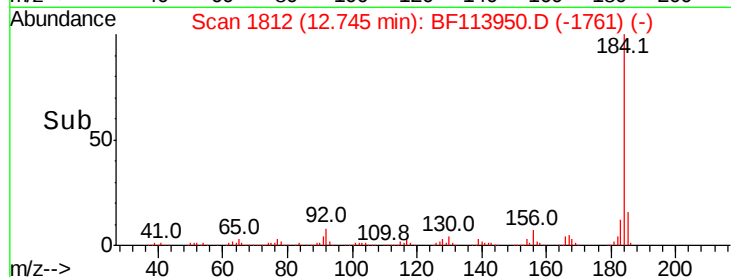
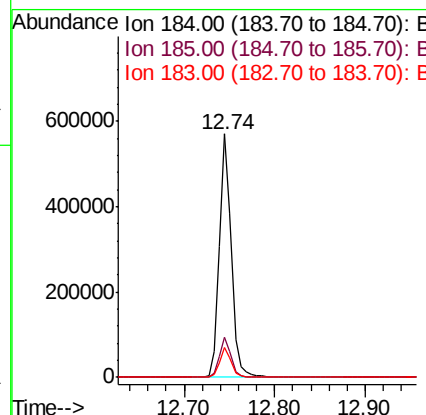
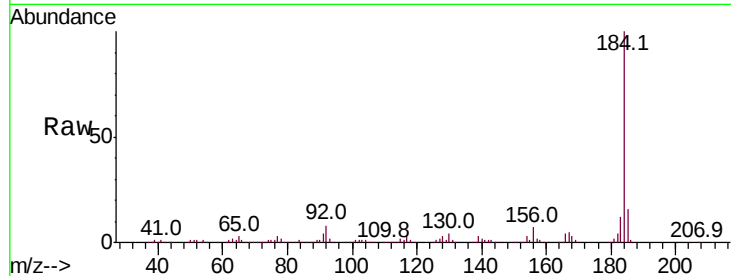
#77
Benzidine
Concen: 40.591 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	16.4	13.0	19.6	
183	12.2	9.4	14.0	

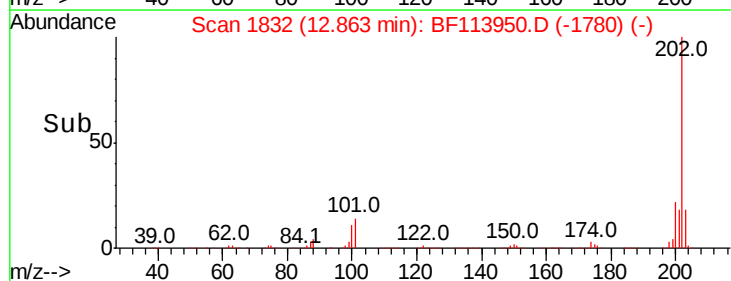
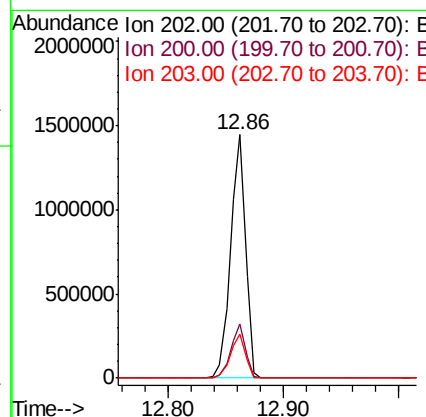
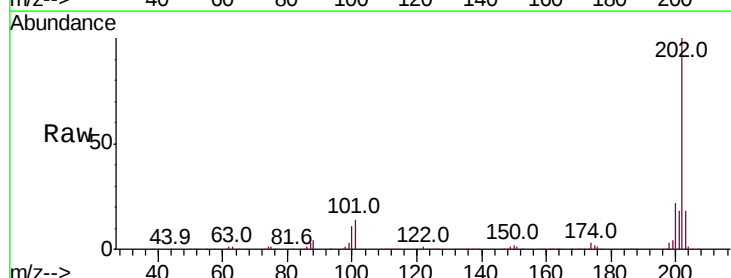
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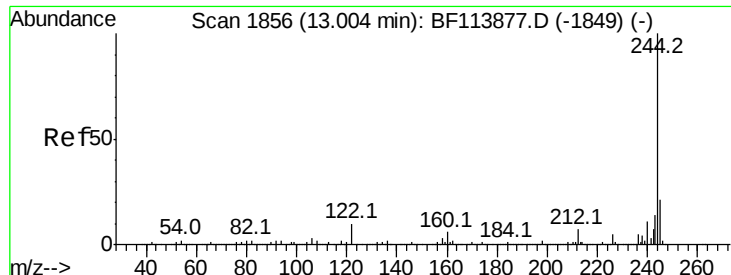
Sohil
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#78
Pyrene
Concen: 42.638 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.3	17.7	26.5	
203	18.2	15.0	22.6	





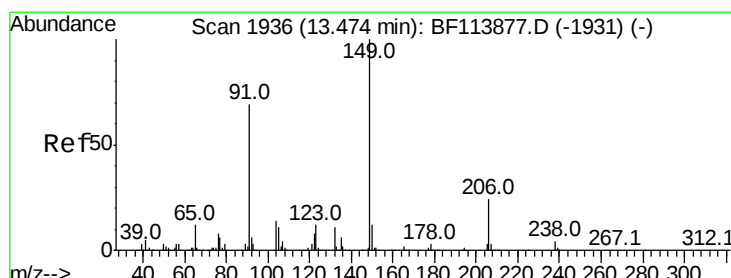
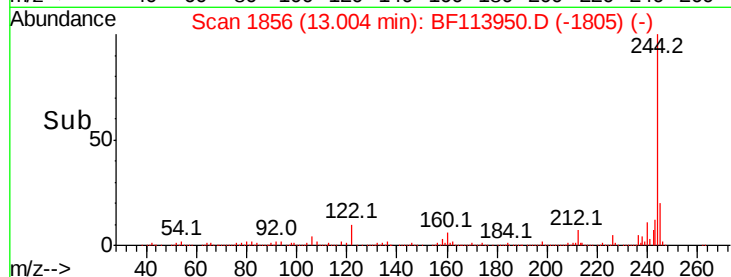
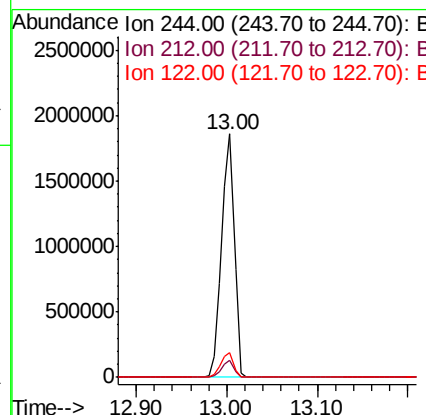
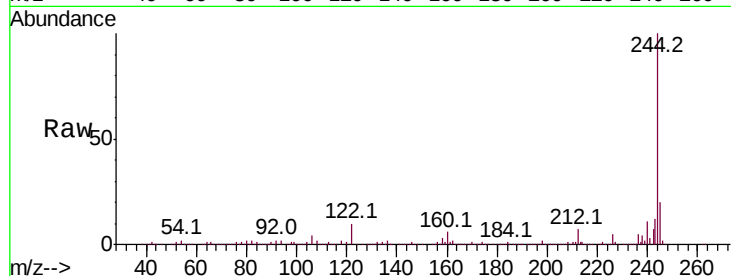
#79
 Terphenyl-d14
 Concen: 85.106 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.0	7.6	11.4

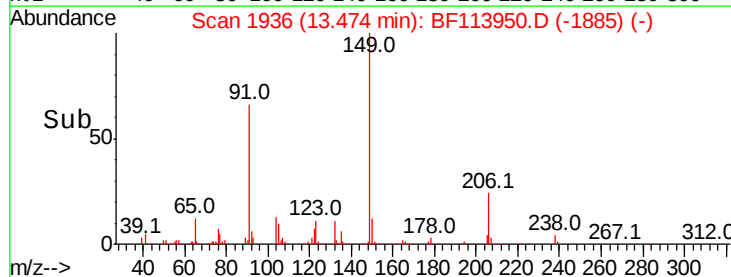
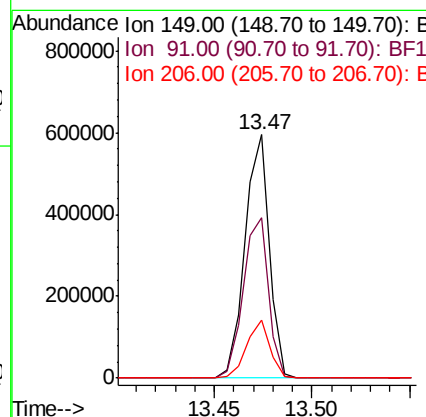
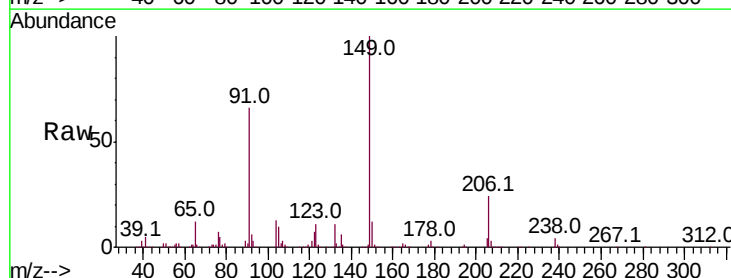
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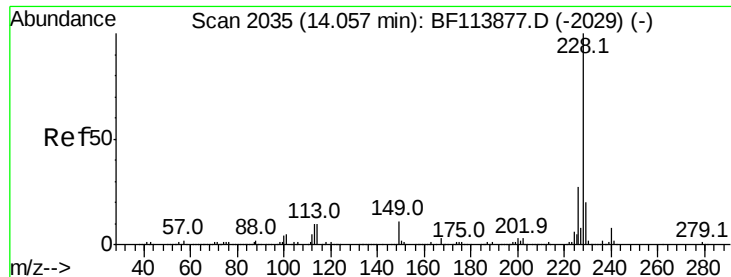
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#80
 Butylbenzylphthalate
 Concen: 42.998 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF113950.D
 Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.0	56.3	84.5
206	24.1	19.0	28.6





#81

Benzo(a)anthracene

Concen: 44.180 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1128248

Ion Ratio Lower Upper

228 100

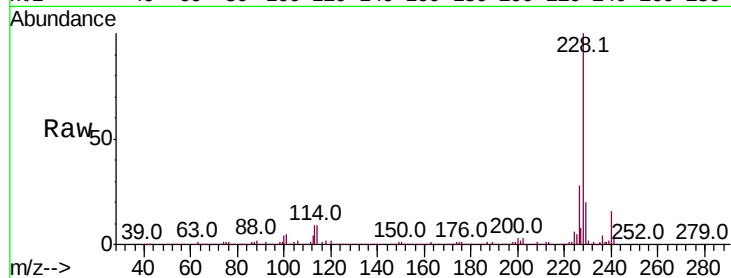
226 27.5 22.2 33.2

229 20.3 16.0 24.0

Manual Integrations
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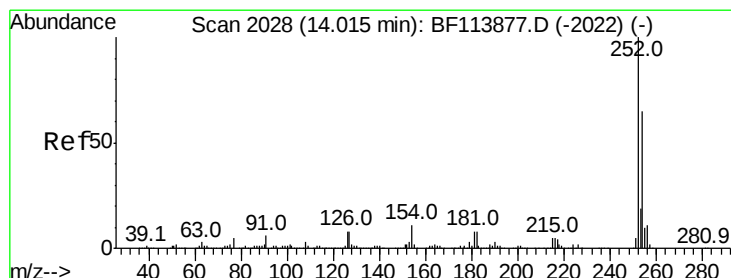
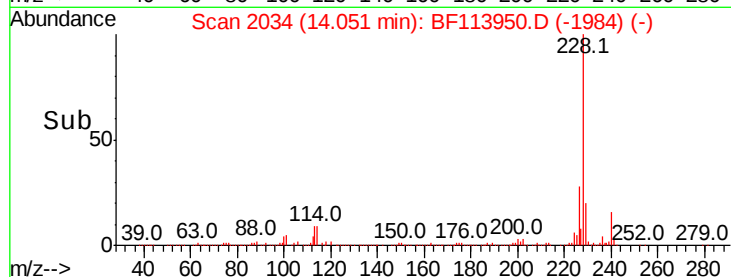
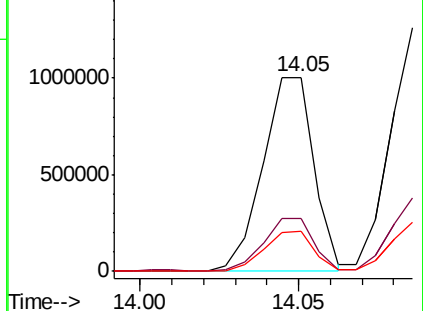
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.826 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

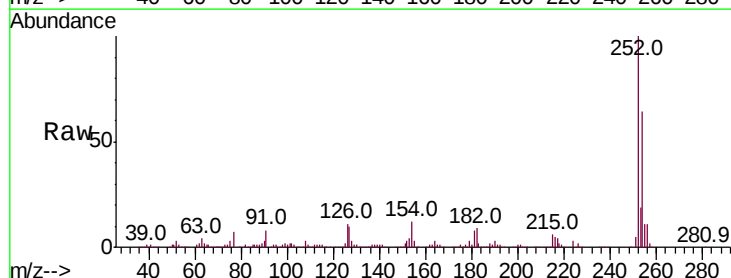
Tgt Ion:252 Resp: 428946

Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

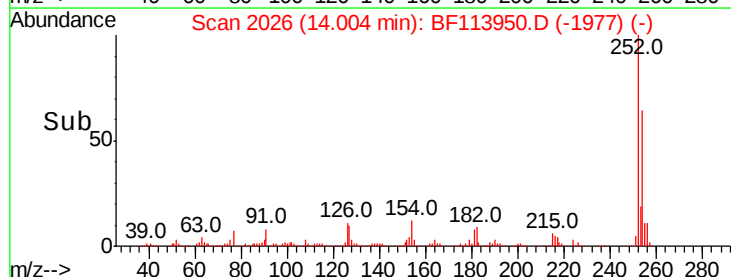
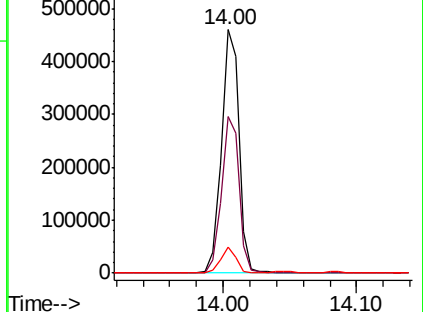
126 10.8 9.3 13.9

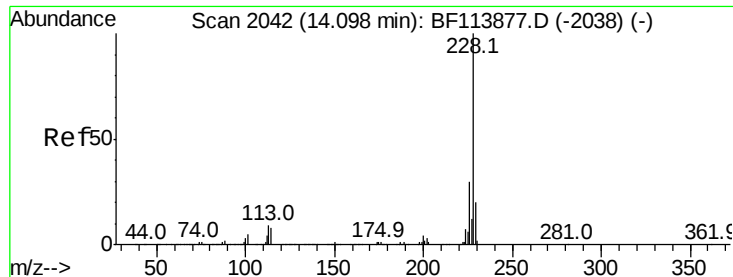


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





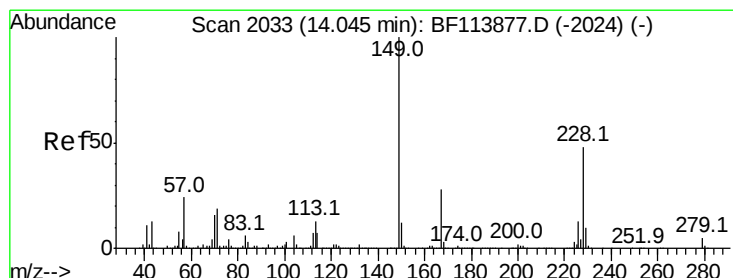
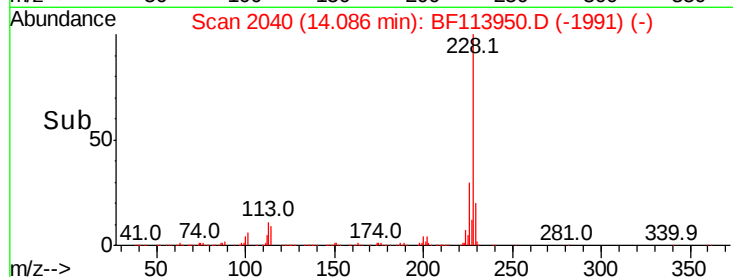
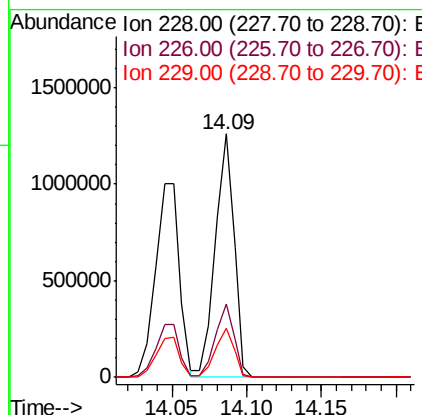
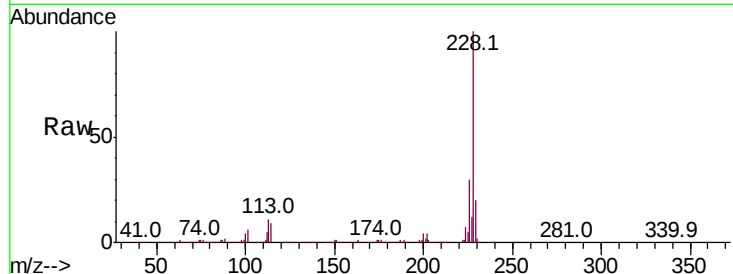
#83
Chrysene
Concen: 44.389 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.0	16.7	25.1

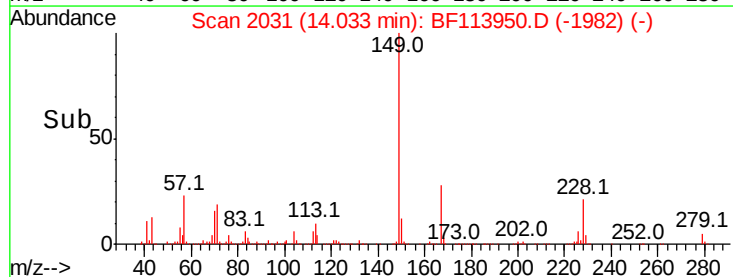
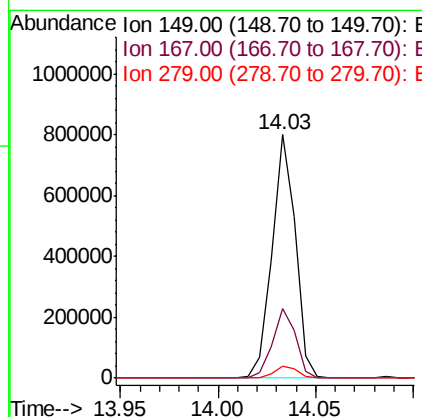
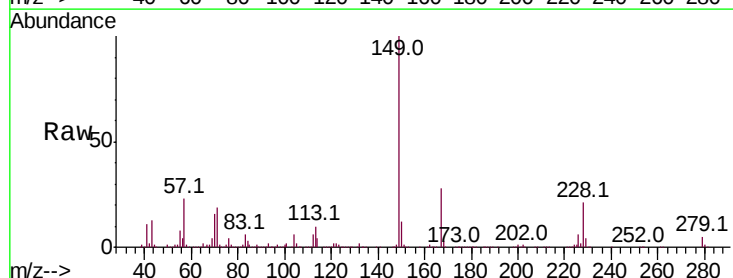
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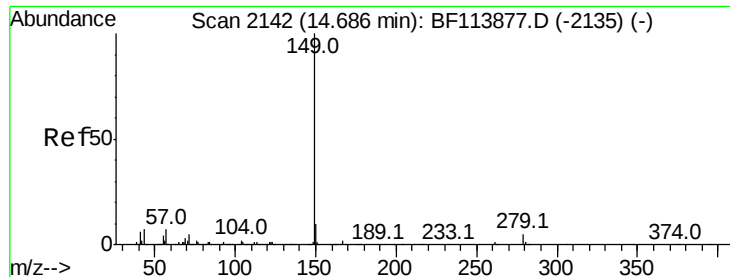
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.694 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 43.137 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Instrument :

BNA_F

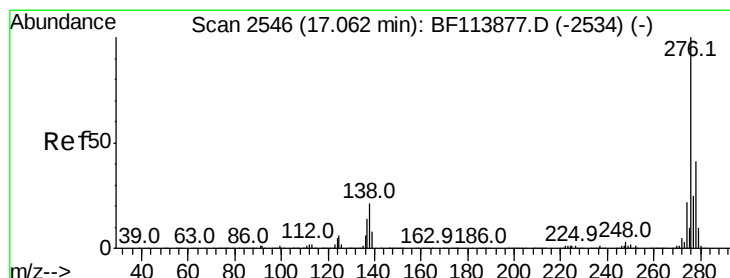
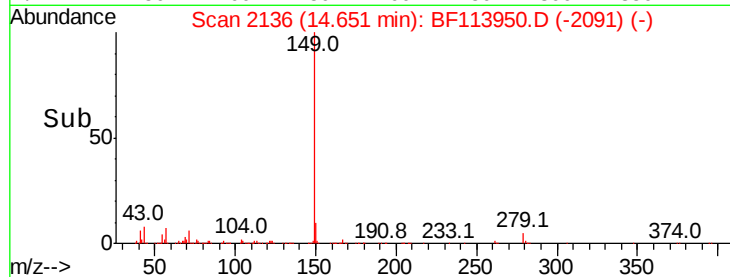
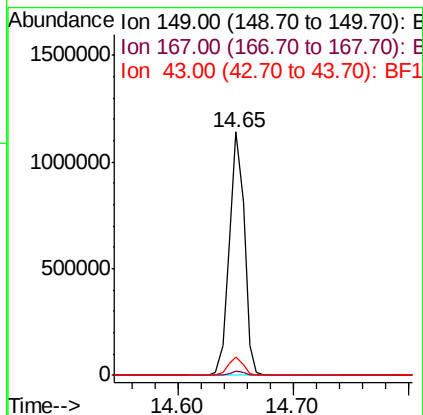
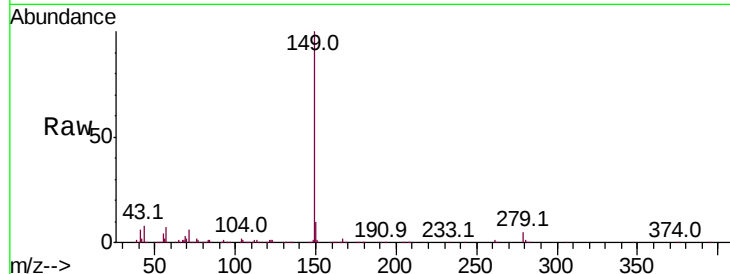
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1024519
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.6	10.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 33.335 ng

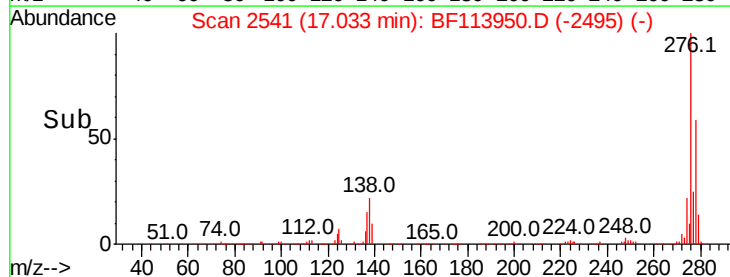
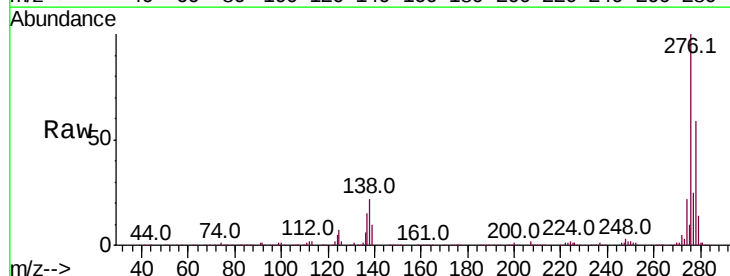
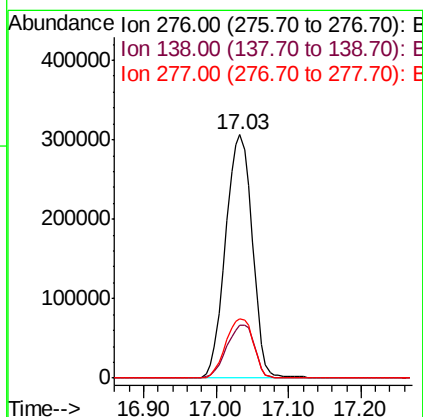
RT: 17.03 min Scan# 2541

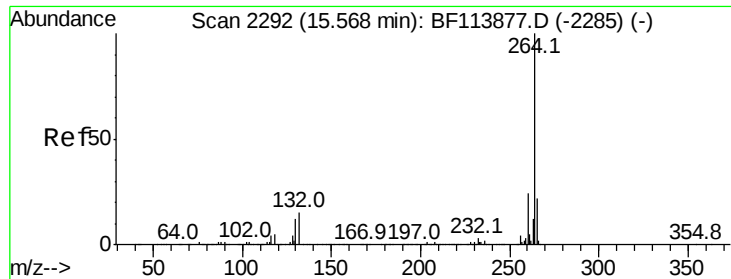
Delta R.T. -0.03 min

Lab File: BF113950.D

Acq: 24 Apr 2019 10:03

Tgt Ion:	276	Resp:	785347
Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.6	29.4
277	25.4	20.2	30.4





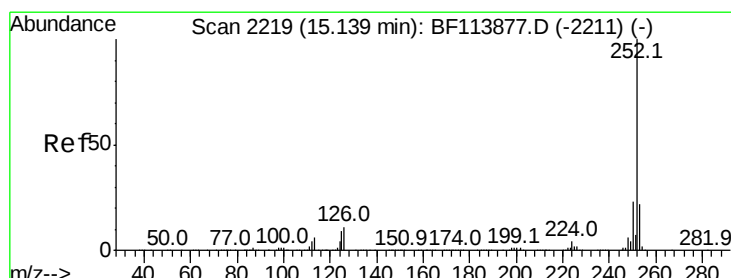
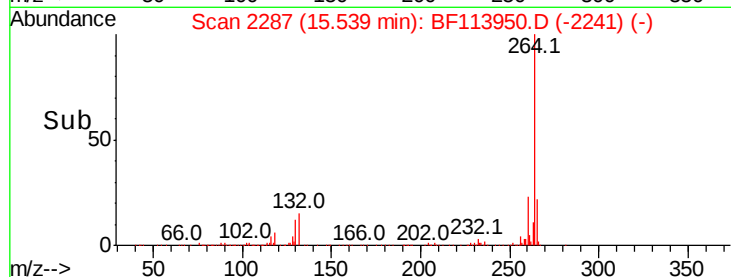
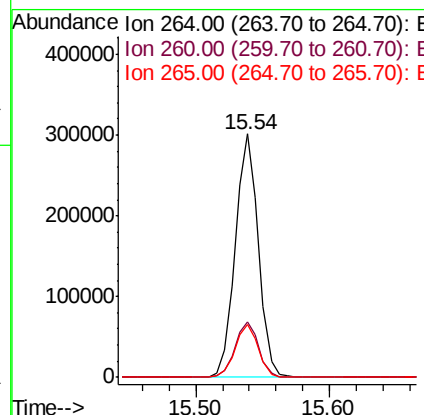
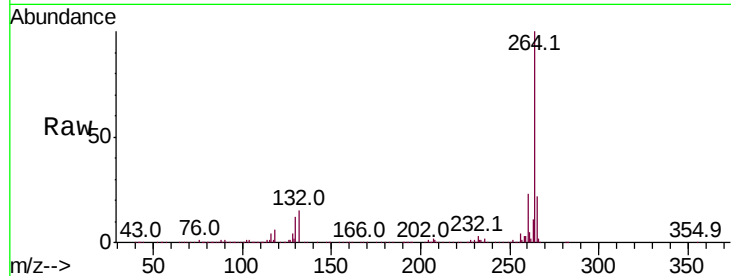
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.7	17.3	25.9

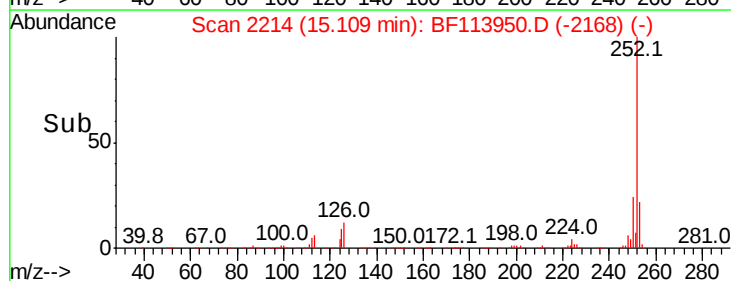
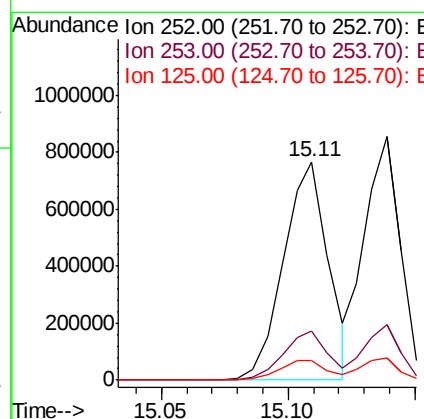
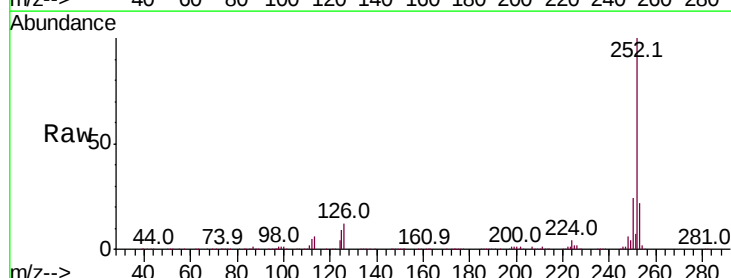
Manual Integrations
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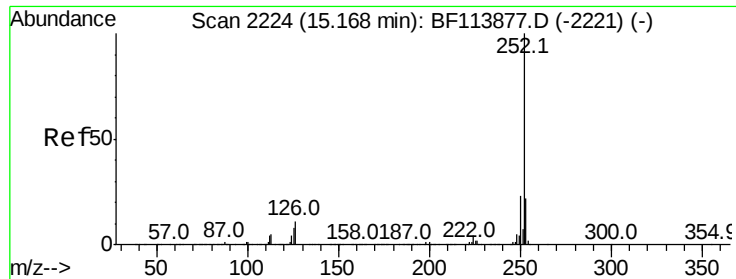
Sohil
4/25/2019 5:26:54 PM



#88
Benzo(b)fluoranthene
Concen: 40.852 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.8	7.0	10.6





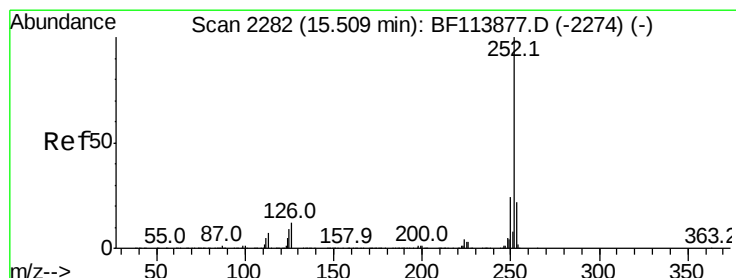
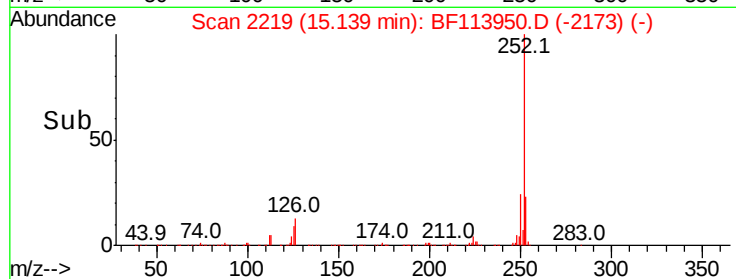
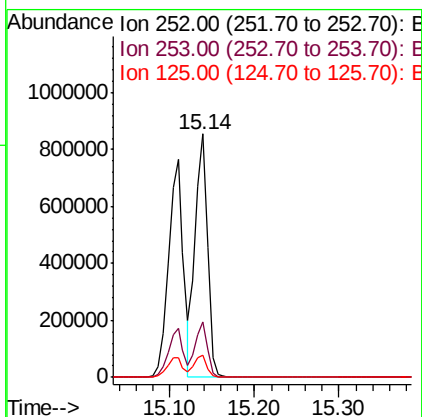
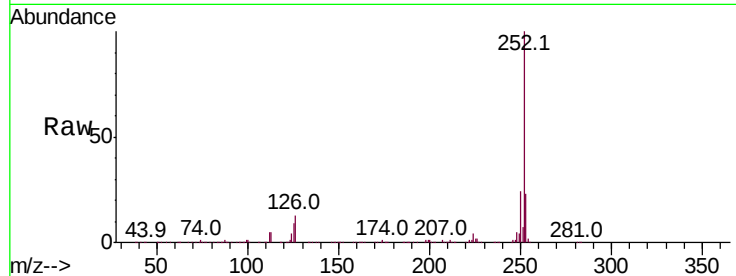
#89
Benzo(k)fluoranthene
Concen: 43.216 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.0	7.4	11.2

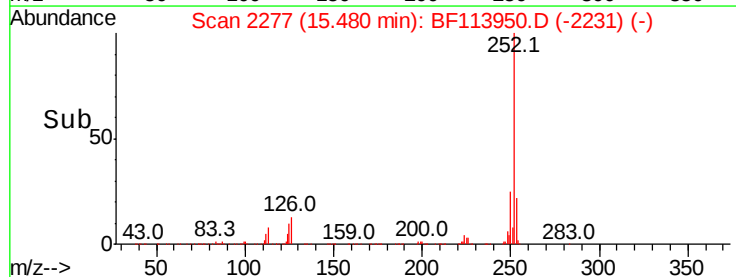
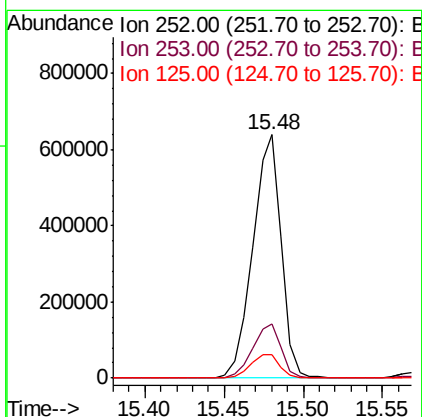
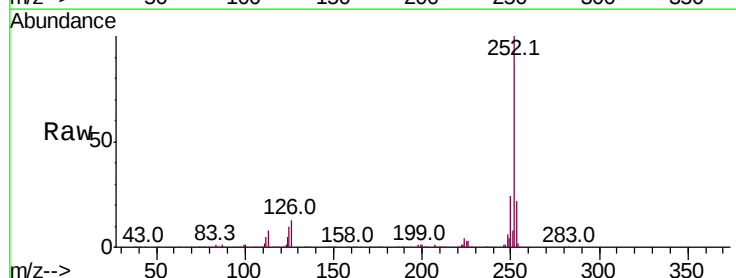
Manual Integrations
APPROVED

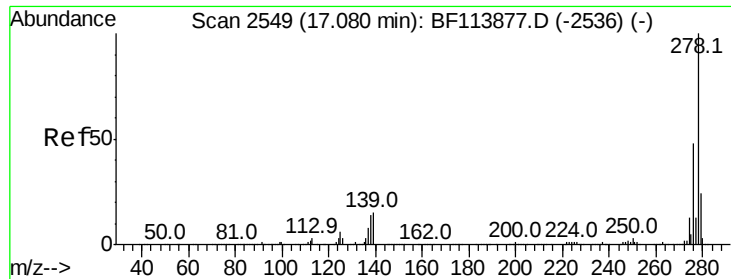
Sohil
4/25/2019 5:26:54 PM



#90
Benzo(a)pyrene
Concen: 39.934 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.8	8.5	12.7





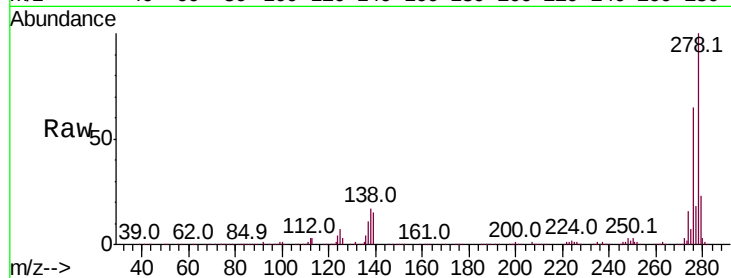
#91
Dibenzo(a,h)anthracene
Concen: 34.874 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.04 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

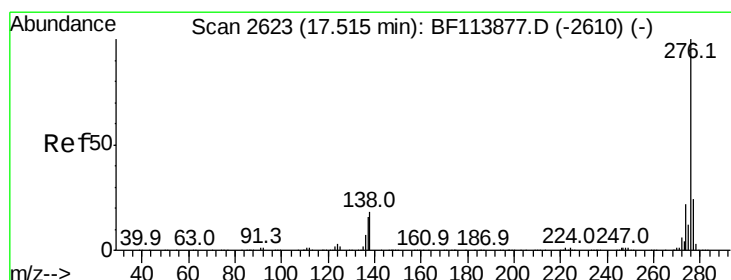
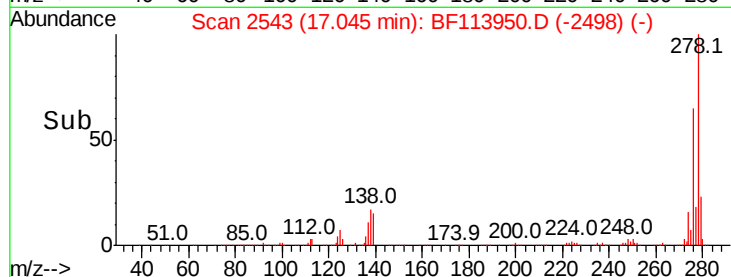
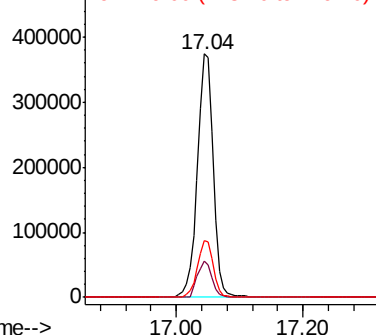
Tot Ion:	278	Resp:	652615
Ion Ratio	Lower	Upper	
278	100		
139	15.0	11.6	17.4
279	23.1	19.0	28.6

Manual Integrations
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Sohil
4/25/2019 5:26:54 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.522 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.04 min
Lab File: BF113950.D
Acq: 24 Apr 2019 10:03

Tgt Ion:	276	Resp:	633058
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	19.1	16.6	25.0

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

