

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113023.D
 Acq On : 13 Mar 2019 1:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/13/2019 11:40:54 AM

Quant Time: Mar 13 04:54:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194638	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	711706	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	312588	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	540933	20.00	ng	0.00
76) Chrysene-d12	13.87	240	446912	20.00	ng	0.00
87) Perylene-d12	15.27	264	410053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	913838	73.03	ng	0.00
7) Phenol-d6	6.37	99	1135051	72.21	ng	0.00
23) Nitrobenzene-d5	7.30	82	1011474	85.04	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	280183	84.43	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1620120	86.19	ng	0.00
79) Terphenyl-d14	12.82	244	1542648	66.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	222431	35.463	ng	97
3) Pyridine	3.09	79	603022	35.936	ng	95
4) n-Nitrosodimethylamine	3.02	42	238319	32.467	ng	92
6) Aniline	6.39	93	722911	33.413	ng	# 70
8) 2-Chlorophenol	6.52	128	522659	37.524	ng	93
9) Benzaldehyde	6.27	77	348544	30.776	ng	98
10) Phenol	6.39	94	630545	34.378	ng	81
11) bis(2-Chloroethyl)ether	6.47	93	502527	35.696	ng	97
12) 1,3-Dichlorobenzene	6.67	146	550369	38.250	ng	97
13) 1,4-Dichlorobenzene	6.75	146	562279	38.967	ng	98
14) 1,2-Dichlorobenzene	6.90	146	510344	38.581	ng	98
15) Benzyl Alcohol	6.87	79	435011	36.295	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	810658	34.505	ng	97
17) 2-Methylphenol	7.00	107	413877	36.627	ng	97
18) Hexachloroethane	7.25	117	195430	35.356	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	334813	33.634	ng	99
20) 3+4-Methylphenols	7.15	107	466311	36.553	ng	# 80
22) Acetophenone	7.15	105	689078	41.407	ng	# 95
24) Nitrobenzene	7.32	77	535553	40.456	ng	98
25) Isophorone	7.56	82	962321	37.556	ng	98
26) 2-Nitrophenol	7.63	139	268473	48.719	ng	97
27) 2,4-Dimethylphenol	7.67	122	396773	38.702	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	613589	38.301	ng	99
29) 2,4-Dichlorophenol	7.87	162	416387	41.882	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	444465	41.607	ng	99
31) Naphthalene	8.04	128	1361561	38.533	ng	100
32) Benzoic acid	7.79	122	280914m	39.095	ng	
33) 4-Chloroaniline	8.09	127	583489	38.988	ng	99
34) Hexachlorobutadiene	8.16	225	260191	43.188	ng	99
35) Caprolactam	8.46	113	131123	37.447	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	397743	36.150	ng	94
37) 2-Methylnaphthalene	8.73	142	856150	37.520	ng	99
38) 1-Methylnaphthalene	8.83	142	817737	36.995	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	411755	45.171	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	67620	13.547	nq	96
43) 2,4,6-Trichlorophenol	9.01	196	259937	41.434	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	278469	41.067	nq	95
46) 1,1'-Biphenyl	9.19	154	1072442	42.062	nq	99
47) 2-Chloronaphthalene	9.22	162	799294	40.148	nq	98
48) 2-Nitroaniline	9.30	65	256279	42.351	nq	98
49) Acenaphthylene	9.63	152	1280548	37.888	nq	99
50) Dimethylphthalate	9.49	163	951793	41.295	nq	99
51) 2,6-Dinitrotoluene	9.55	165	206360	42.995	nq #	78
52) Acenaphthene	9.80	154	732089	37.040	nq	99
53) 3-Nitroaniline	9.72	138	234000	40.011	nq	96
54) 2,4-Dinitrophenol	9.82	184	28286	19.699	nq	92
55) Dibenzofuran	9.97	168	1094383	38.097	nq	97
56) 4-Nitrophenol	9.88	139	163004	34.294	nq	93
57) 2,4-Dinitrotoluene	9.95	165	258138	43.267	nq #	85
58) Fluorene	10.31	166	775192	38.021	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	218383	38.656	nq #	95
60) Diethylphthalate	10.19	149	916114	37.634	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	397695	41.924	nq	93
62) 4-Nitroaniline	10.32	138	219141	40.549	nq	96
63) Azobenzene	10.46	77	833281	33.420	nq	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	46943	23.704	nq	85
66) n-Nitrosodiphenylamine	10.42	169	723761	41.720	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	256634	45.042	nq	92
68) Hexachlorobenzene	10.86	284	276546	43.058	nq #	89
69) Atrazine	10.95	200	221308	41.652	nq	99
70) Pentachlorophenol	11.05	266	159154	42.101	nq	99
71) Phenanthrene	11.27	178	1069822	39.750	nq	99
72) Anthracene	11.32	178	1113887	39.538	nq	99
73) Carbazole	11.47	167	1054646	38.375	nq	99
74) Di-n-butylphthalate	11.81	149	1332424	40.434	nq	99
75) Fluoranthene	12.45	202	1171324	40.622	nq	96
77) Benzidine	12.57	184	606617	26.162	nq	99
78) Pyrene	12.67	202	1205472	31.996	nq	99
80) Butylbenzylphthalate	13.30	149	546114	32.839	nq	90
81) Benzo(a)anthracene	13.86	228	1039255	33.552	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	464478	39.650	nq	99
83) Chrysene	13.90	228	1080711	35.620	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	688685	35.306	nq	99
85) Di-n-octyl phthalate	14.46	149	1353888	40.420	nq	96
86) Indeno(1,2,3-cd)pyrene	16.63	276	845182	32.676	nq	95
88) Benzo(b)fluoranthene	14.87	252	950306	35.829	nq	98
89) Benzo(k)fluoranthene	14.90	252	959708	39.946	nq	98
90) Benzo(a)pyrene	15.22	252	885405	37.741	nq	97
91) Dibenzo(a,h)anthracene	16.65	278	713941	35.663	nq	97
92) Benzo(g,h,i)perylene	17.04	276	673641	33.511	nq	96

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

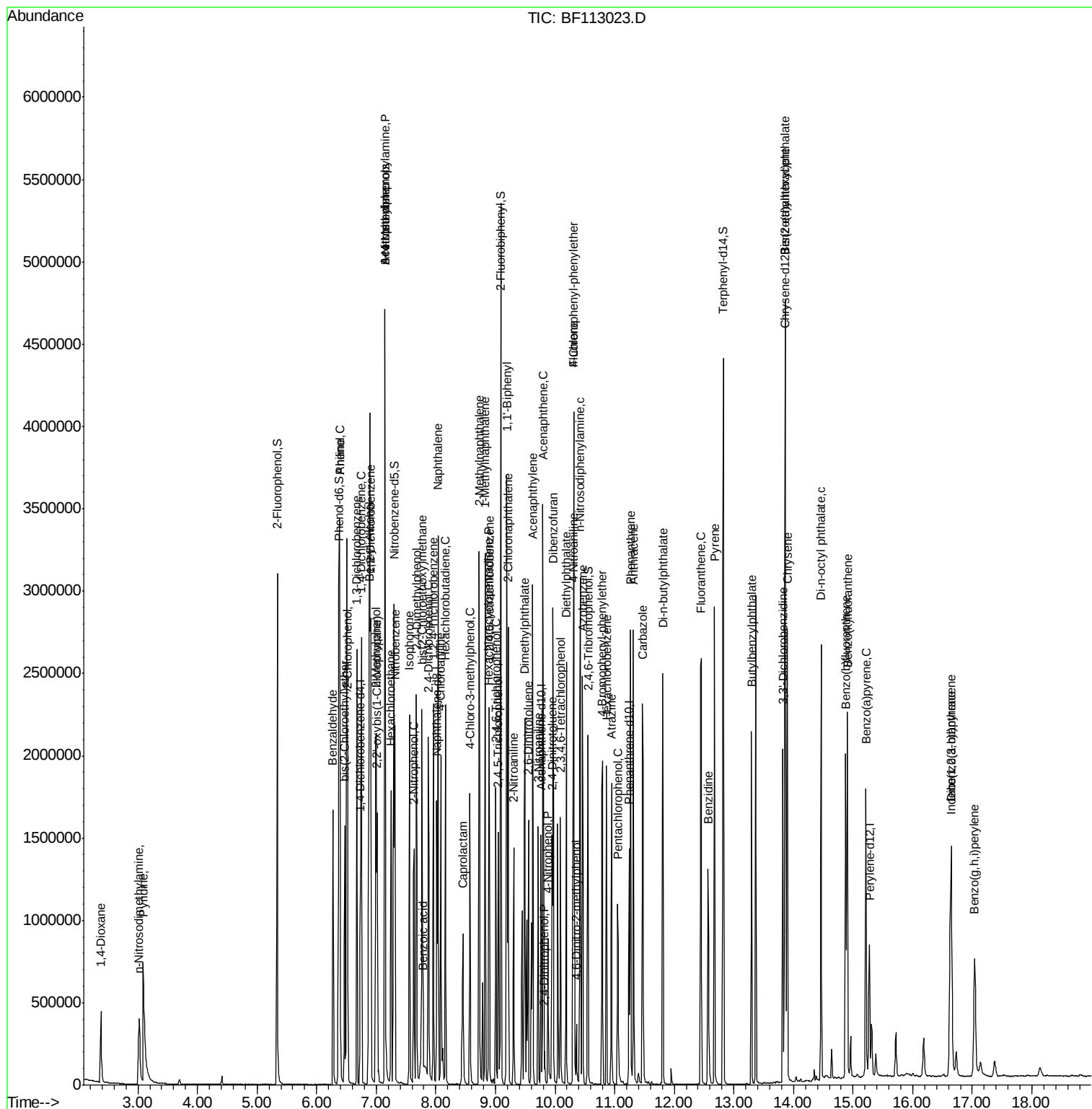
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Data Path : Z:\SV0ASRV\HPCHEM1\BNA F\DATA\BF031219\  
Data File : BF113023.D  
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Operator  : JU/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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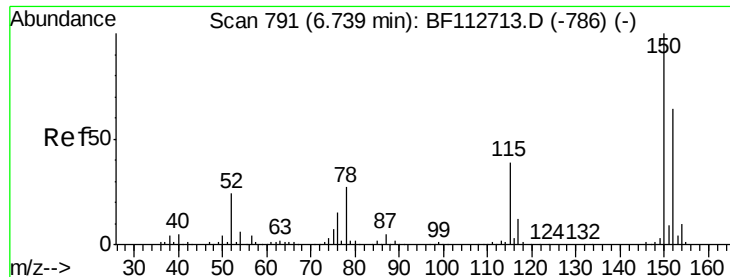
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

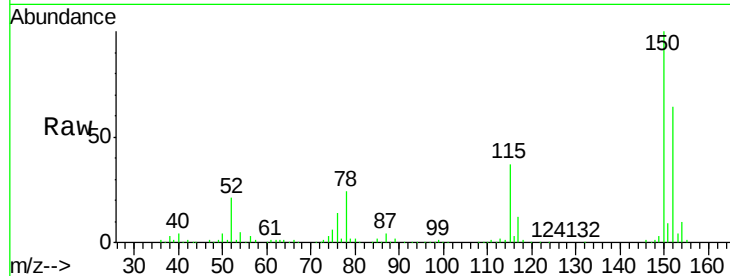
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	58.0	48.2	72.4

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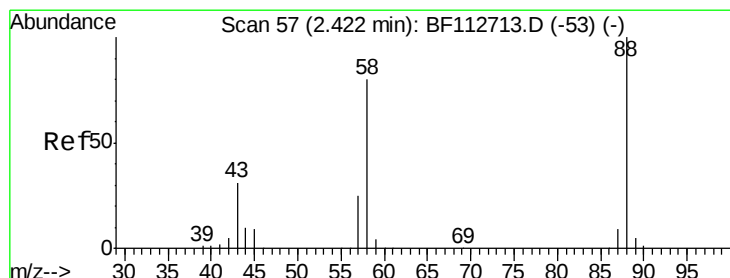
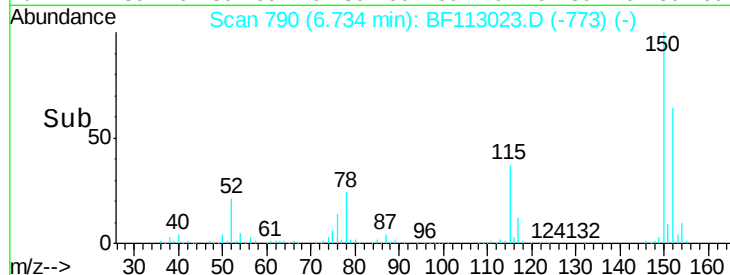
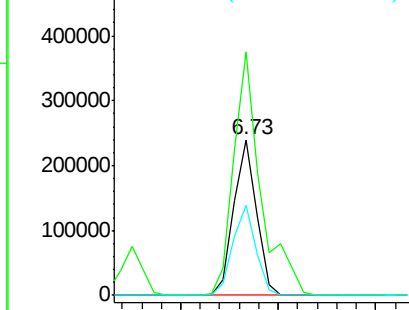


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

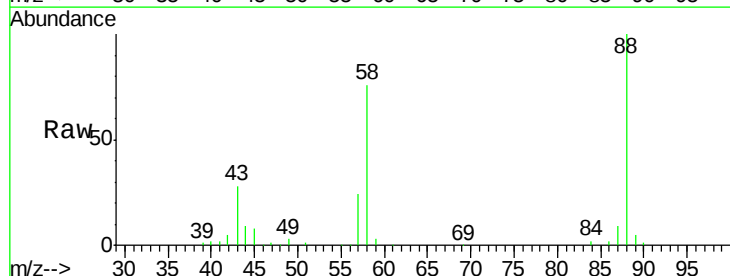
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.463 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.06 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	63.1	94.7
43	28.6	24.3	36.5

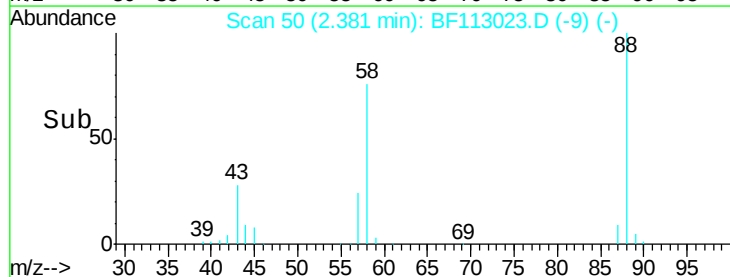
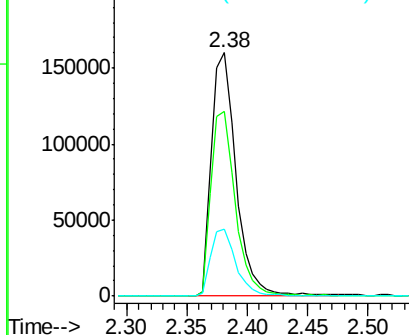


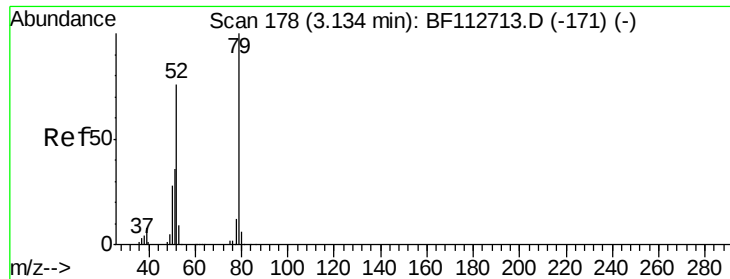
Abundance

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: 35.936 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.05 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

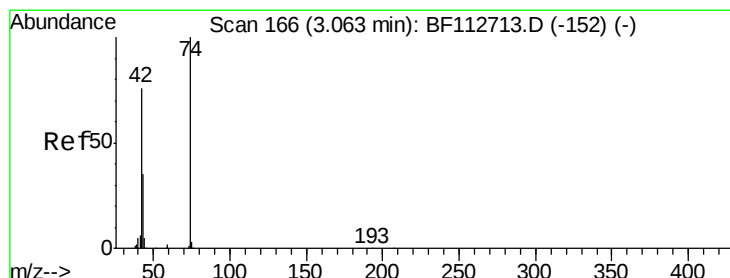
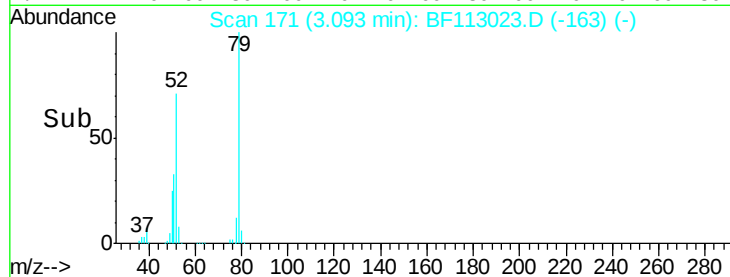
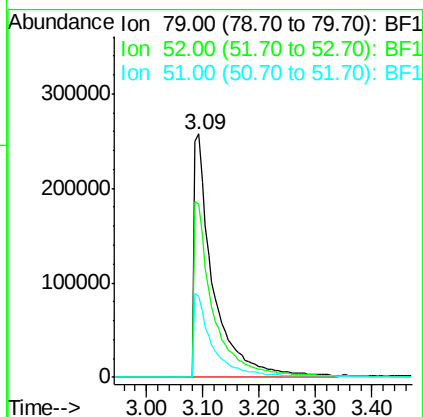
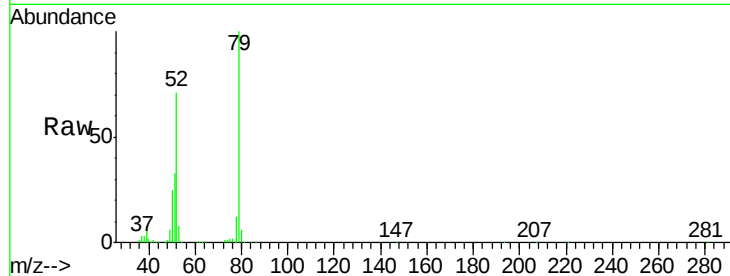
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	603022
Ion Ratio	Lower	Upper	
79	100		
52	70.9	60.5	90.7
51	33.3	28.8	43.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.467 ng

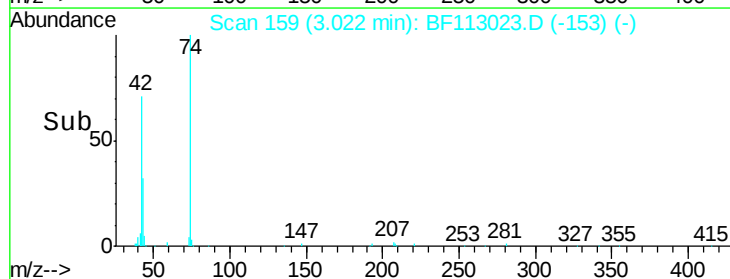
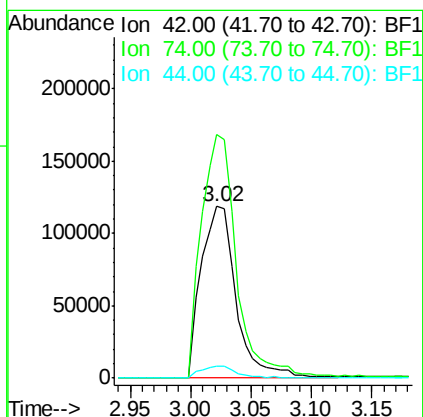
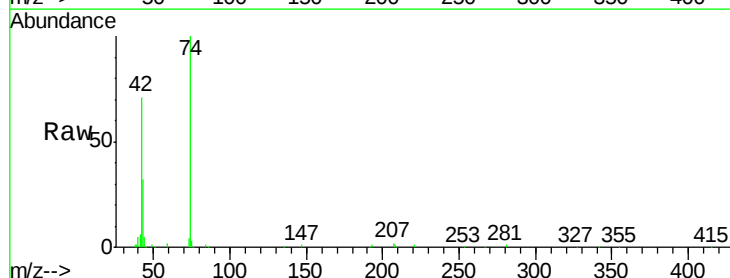
RT: 3.02 min Scan# 159

Delta R.T. -0.06 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	42	Resp:	238319
Ion Ratio	Lower	Upper	
42	100		
74	141.8	105.8	158.8
44	6.9	6.2	9.2





#5

2-Fluorophenol

Concen: 73.034 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

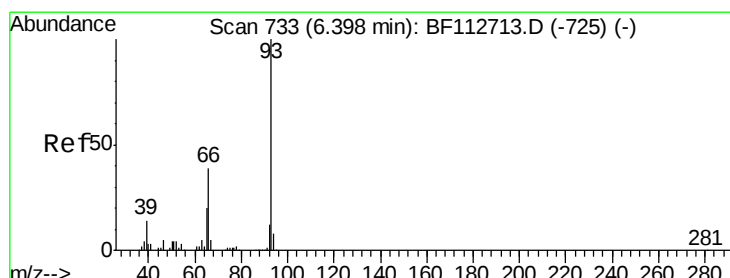
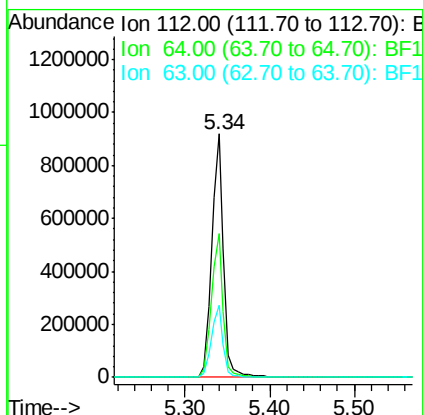
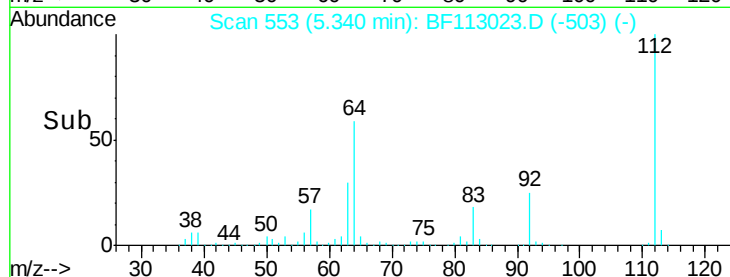
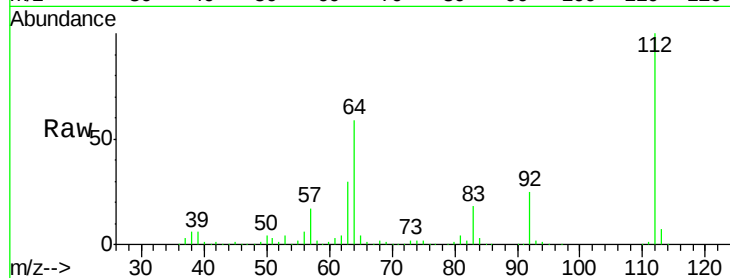
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	913838
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.6	71.4
63	29.7	24.4	36.6

Manual Integrations
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3/13/2019 11:40:54 AM



#6

Aniline

Concen: 33.413 ng

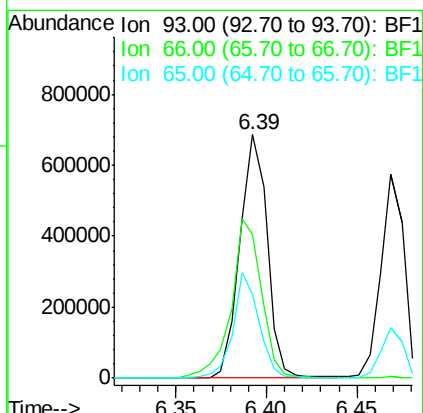
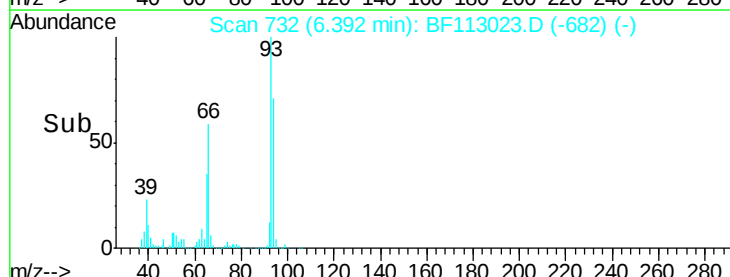
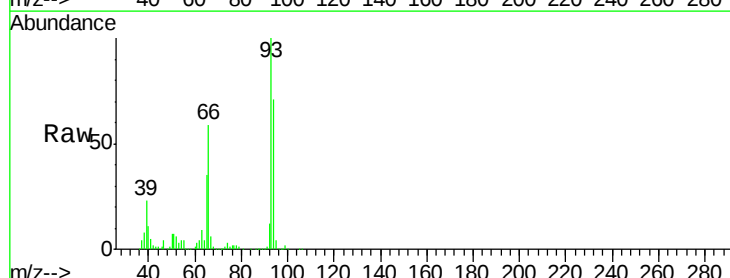
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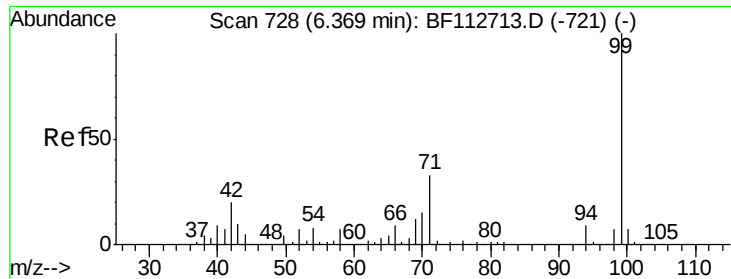
Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	93	Resp:	722911
Ion Ratio	Lower	Upper	
93	100		
66	58.8	32.2	48.2#
65	34.5	16.2	24.4#





#7

Phenol-d6

Concen: 72.214 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1135051

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

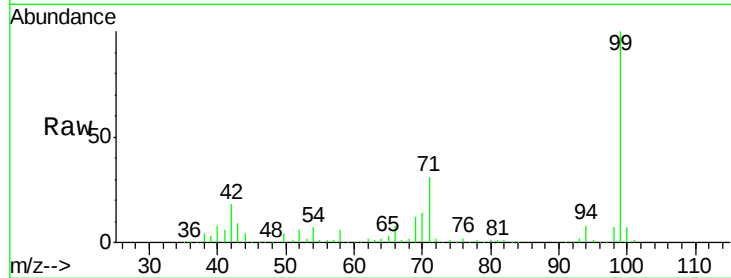
71 31.0 26.2 39.4

Manual Integrations

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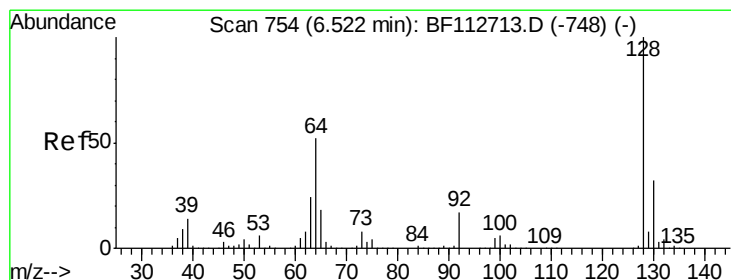
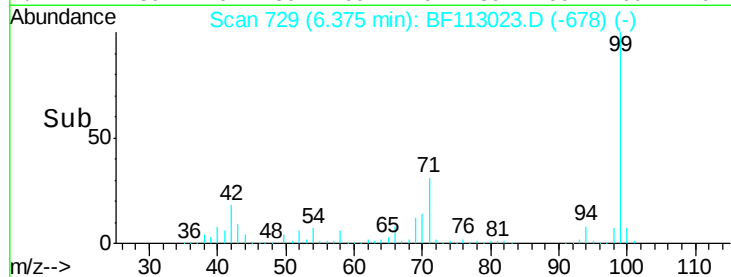
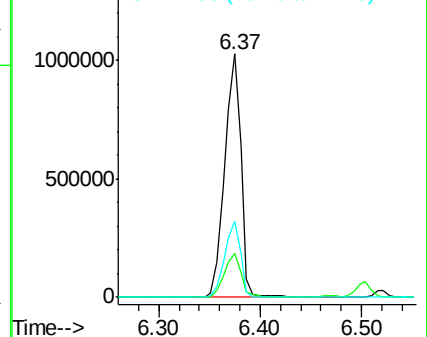
3/13/2019 11:40:54 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.524 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

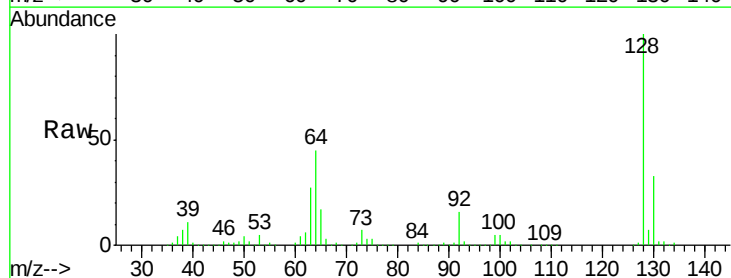
Tgt Ion: 128 Resp: 522659

Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

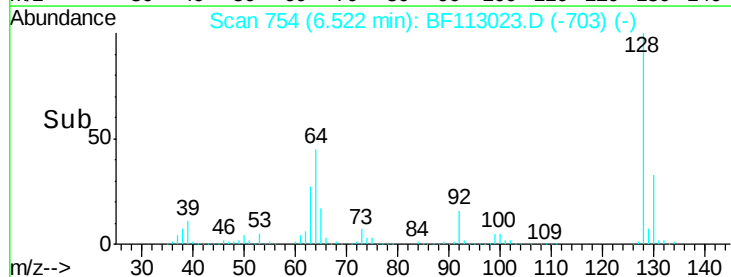
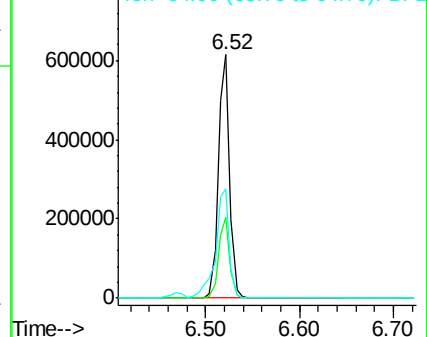
64 45.0 32.2 72.2

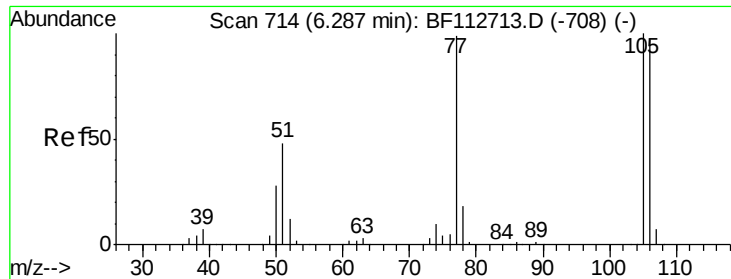


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.776 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

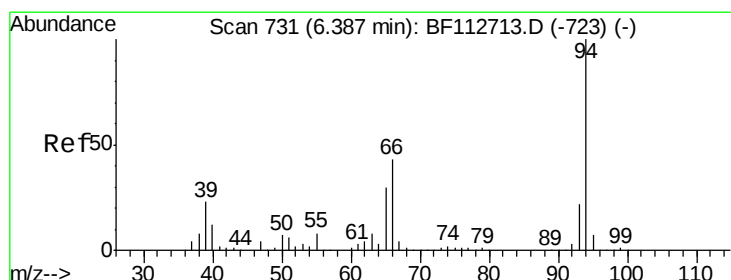
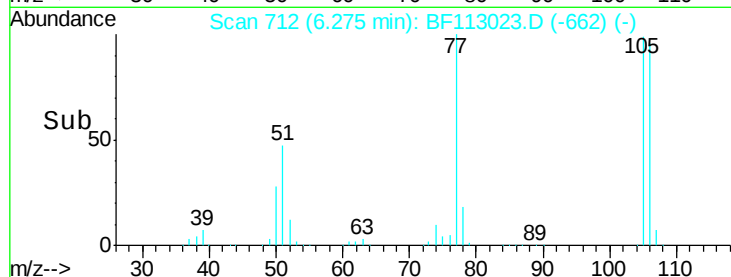
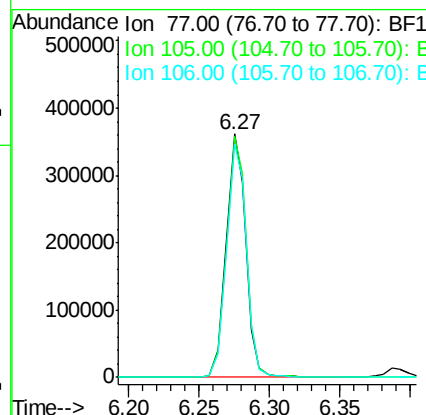
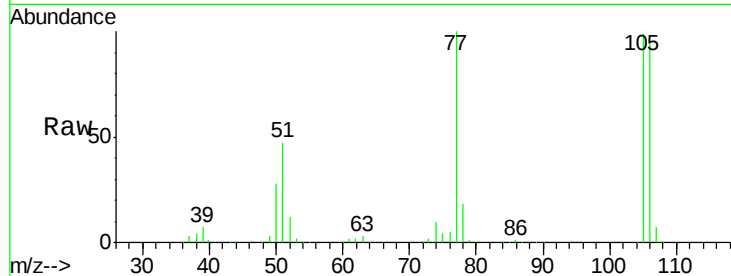
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	348544
Ion Ratio	Lower	Upper	
77	100		
105	99.0	81.4	121.4
106	96.0	78.3	118.3

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#10

Phenol

Concen: 34.378 ng

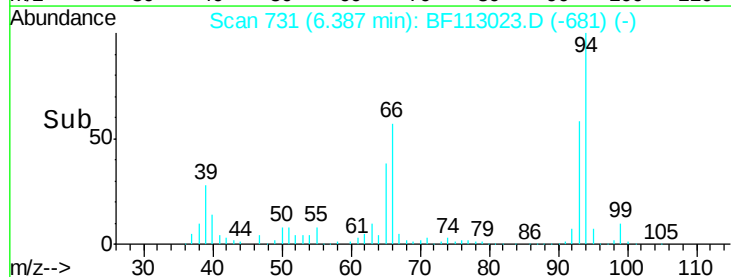
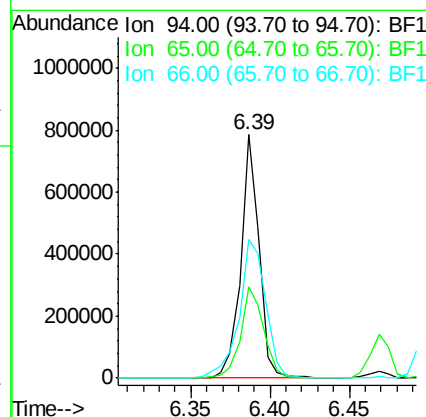
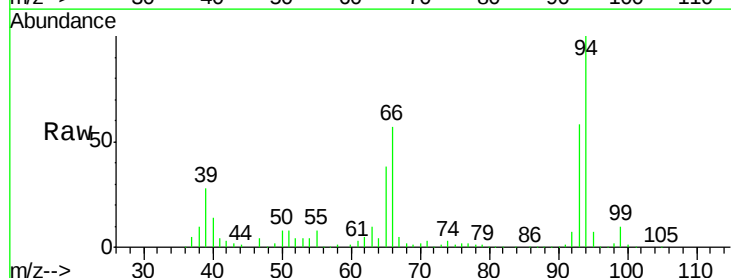
RT: 6.39 min Scan# 731

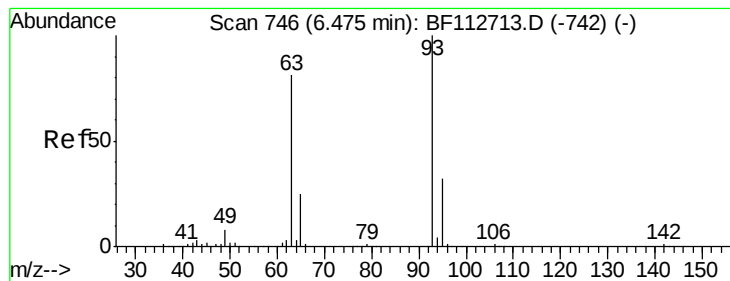
Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	94	Resp:	630545
Ion Ratio	Lower	Upper	
94	100		
65	37.7	10.5	50.5
66	57.1	22.6	62.6





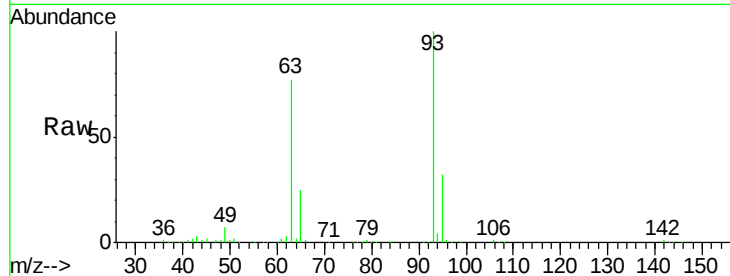
#11
bis(2-Chloroethyl)ether
Concen: 35.696 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	60.5	100.5
95	32.4	12.1	52.1

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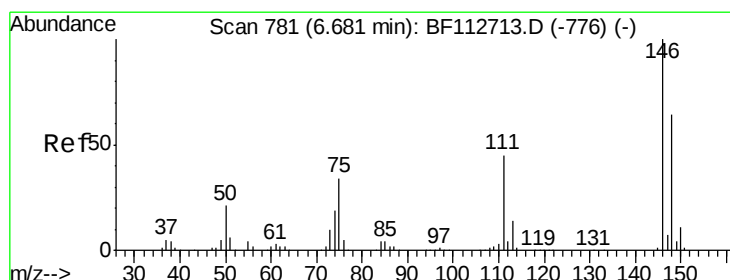
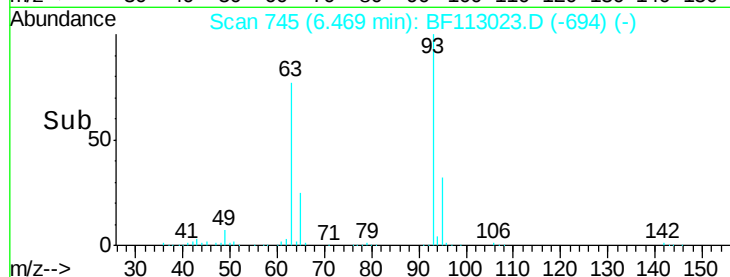
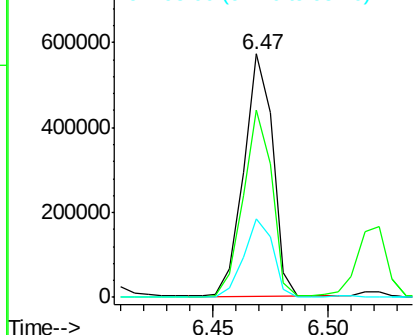


Abundance

Ion 93.00 (92.70 to 93.70): BF1

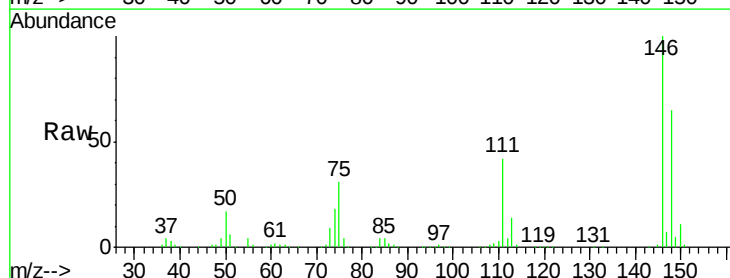
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.250 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
75	30.9	26.9	40.3

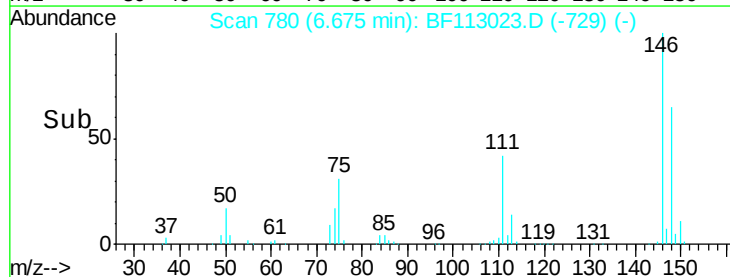
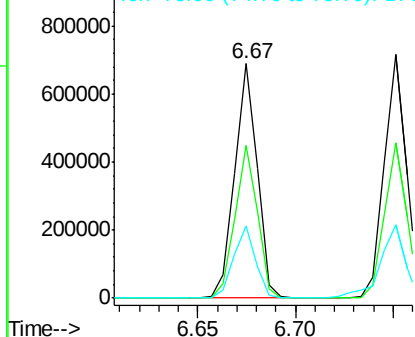


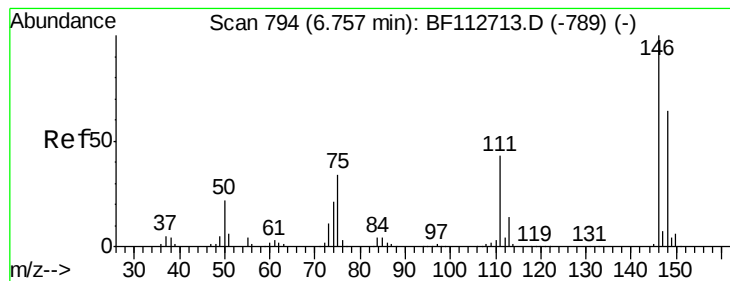
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.967 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

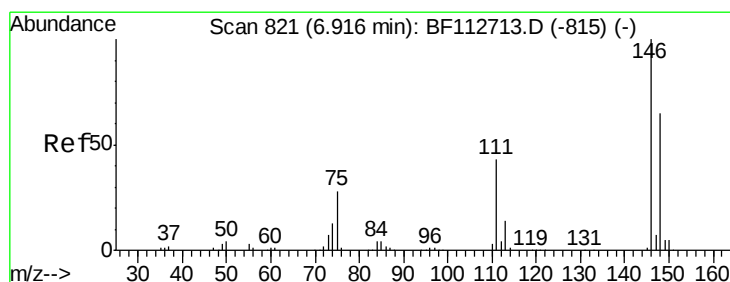
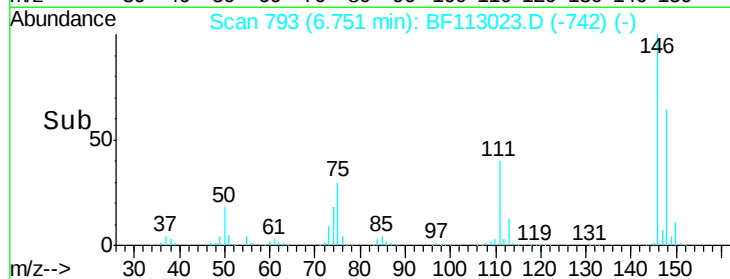
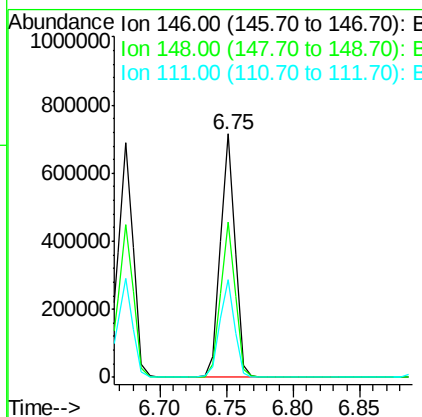
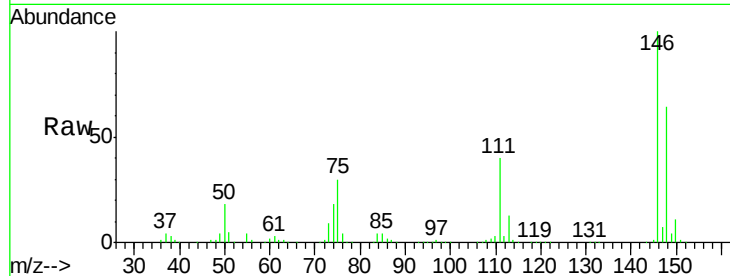
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	562279
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.0	76.4
111	40.3	34.5	51.7

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#14

1,2-Dichlorobenzene

Concen: 38.581 ng

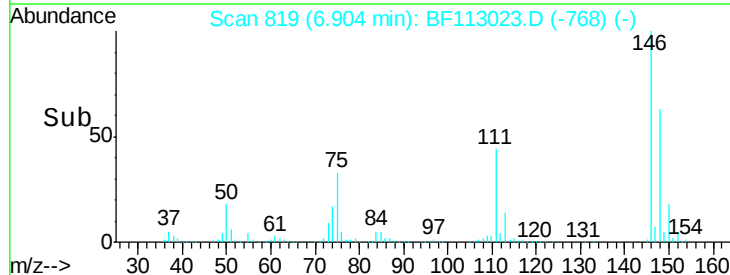
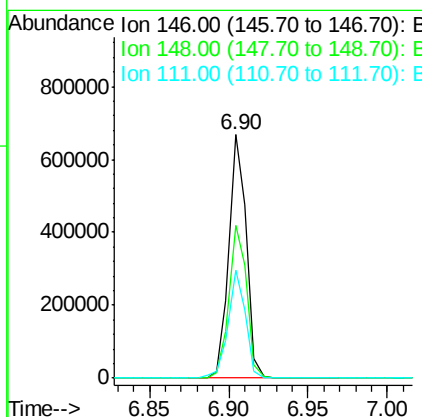
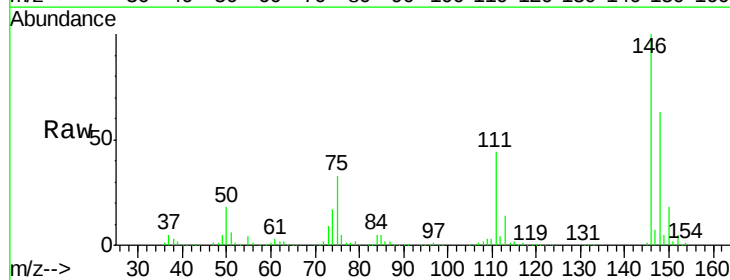
RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	146	Resp:	510344
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.0	78.0
111	44.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 36.295 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

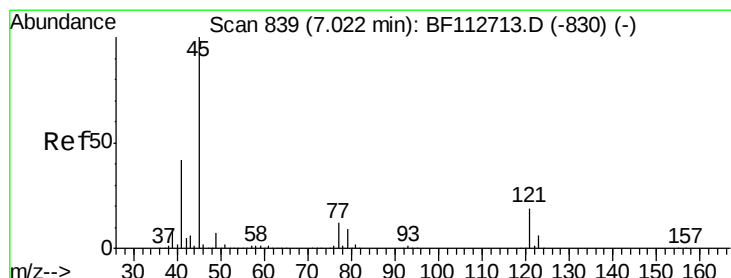
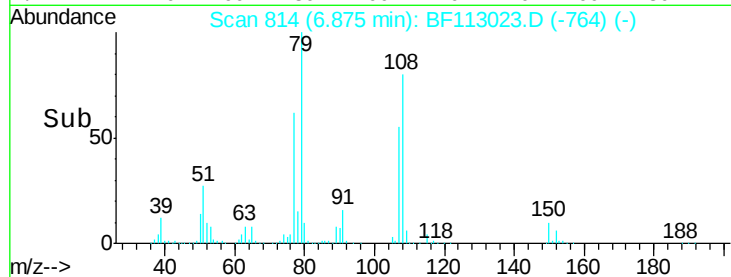
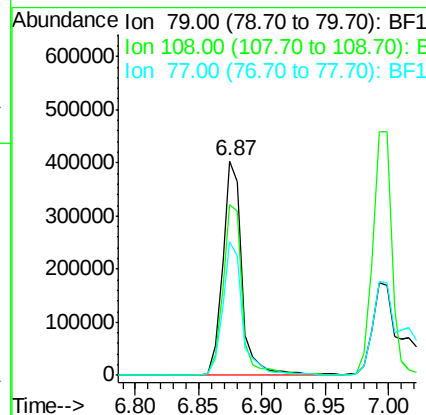
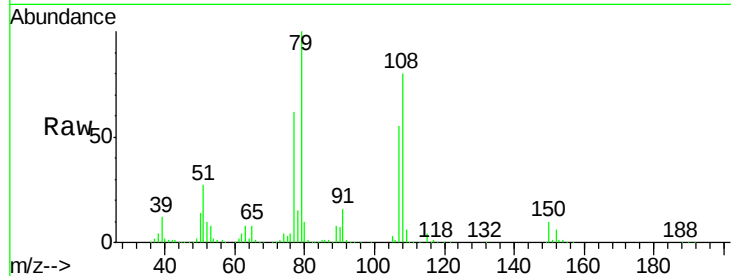
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	435011
Ion Ratio	Lower	Upper	
79	100		
108	79.5	64.2	96.4
77	62.2	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.505 ng

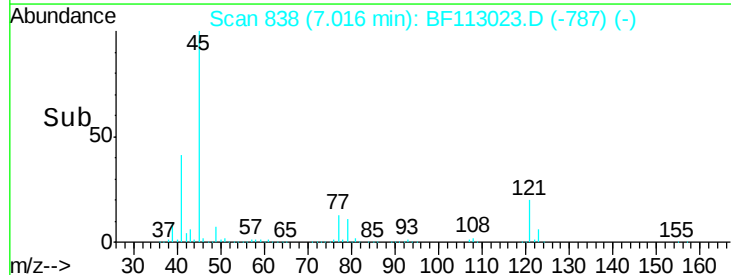
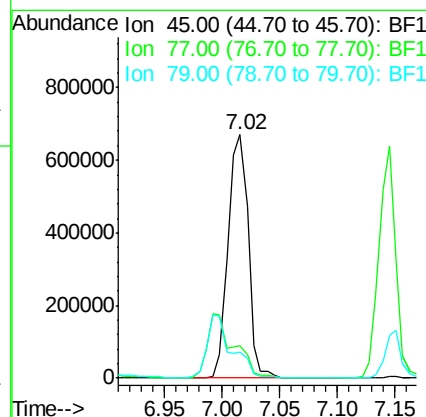
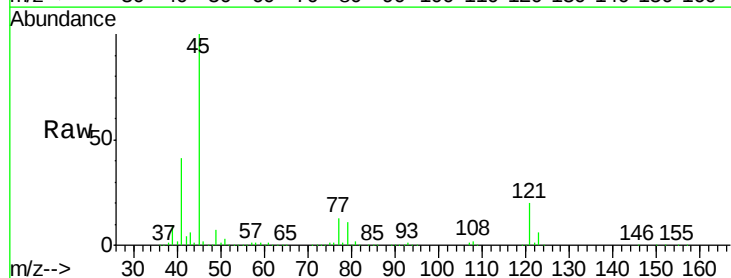
RT: 7.02 min Scan# 838

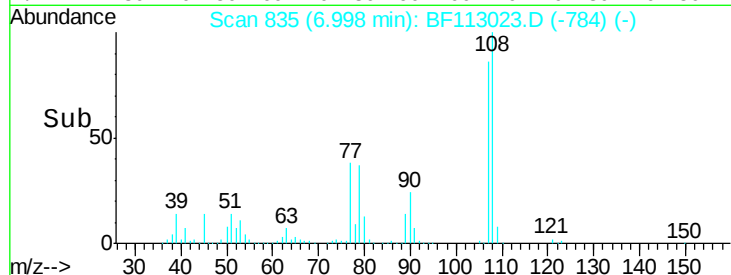
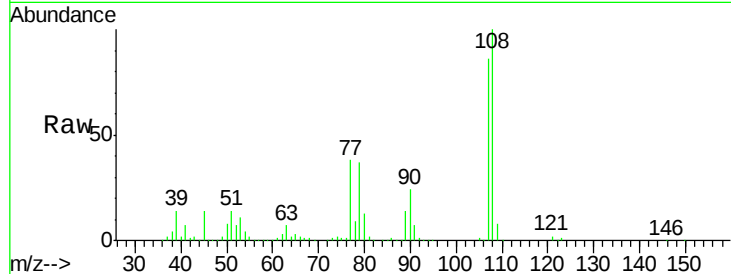
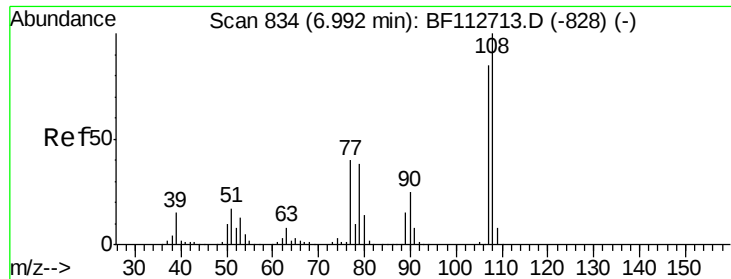
Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	45	Resp:	810658
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.1
79	10.6	0.0	29.4





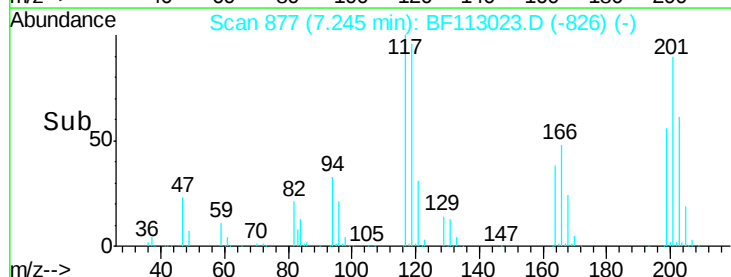
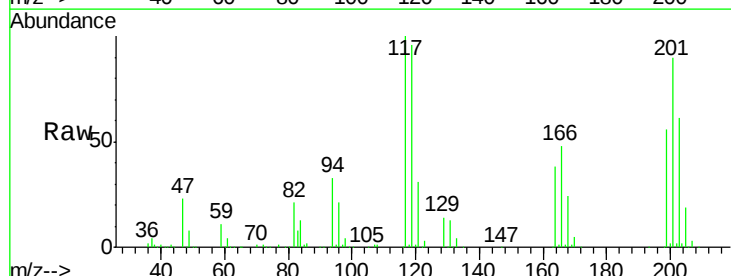
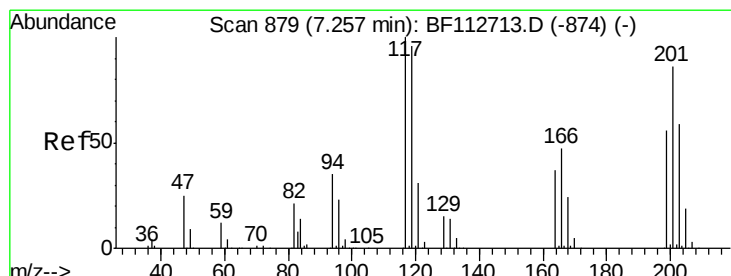
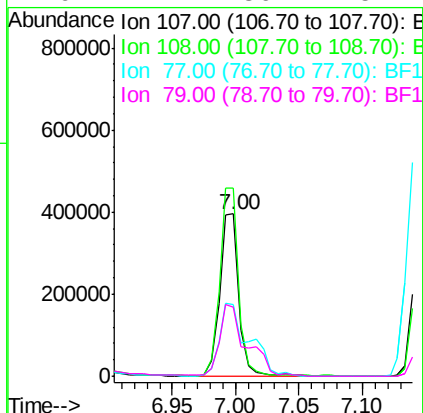
#17
2-Methylphenol
Concen: 36.627 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	94.6	142.0	
77	43.8	37.8	56.8	
79	42.7	36.2	54.2	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

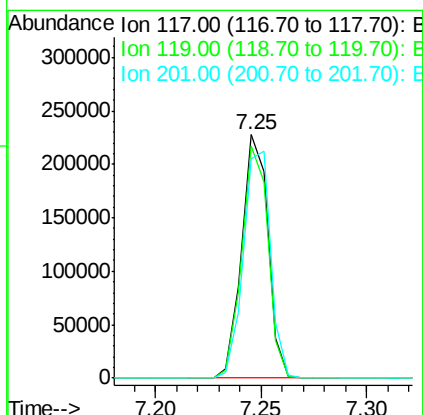
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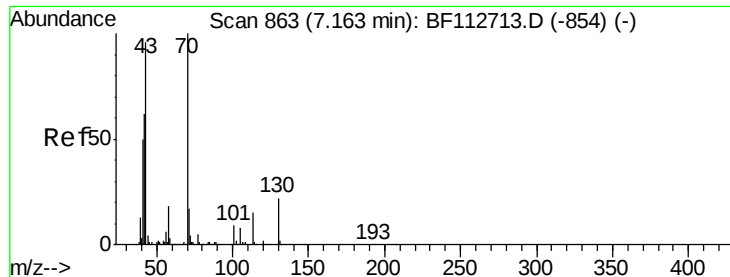
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#18
Hexachloroethane
Concen: 35.356 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.6	115.0	
201	90.1	68.9	103.3	





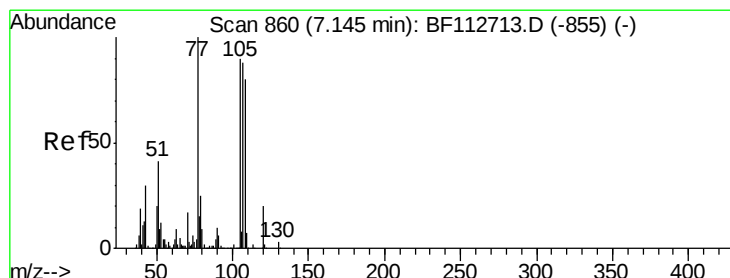
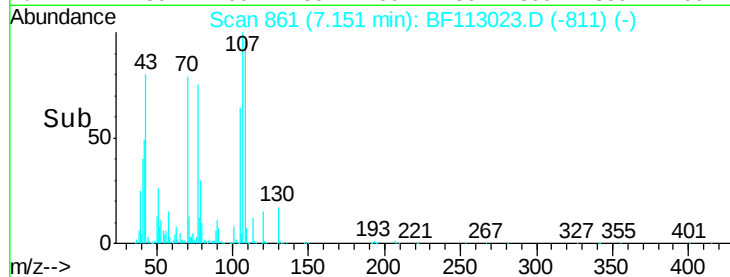
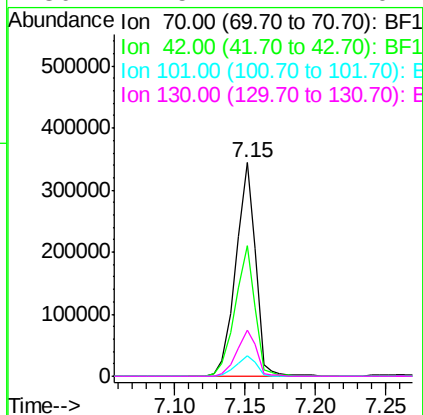
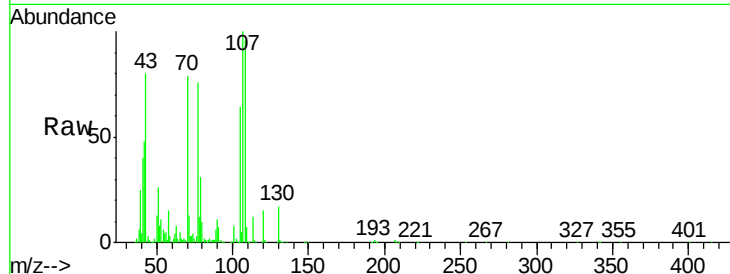
#19
n-Nitroso-di-n-propylamine
Concen: 33.634 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	49.9	74.9		
101	9.5	7.4	11.2		
130	21.5	17.4	26.2		

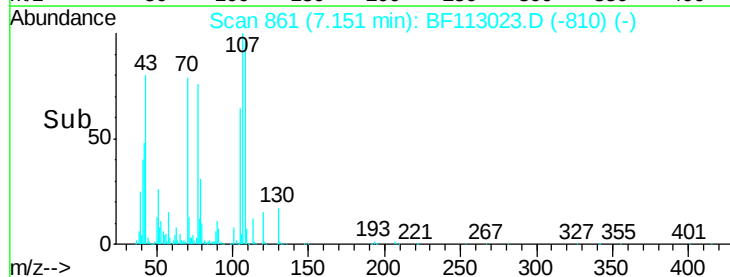
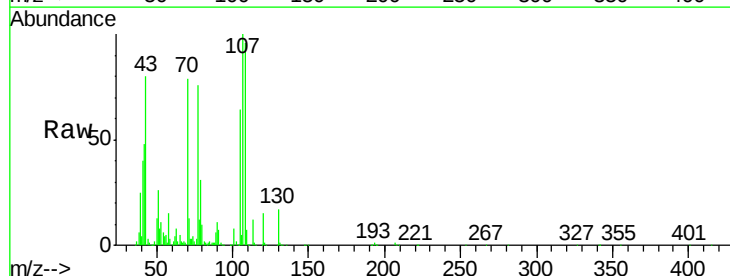
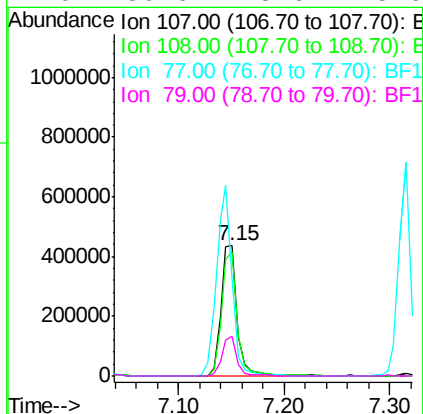
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#20
3+4-Methylphenols
Concen: 36.553 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.8	71.4	111.4		
77	75.6	94.1	134.1#		
79	30.6	8.6	48.6		





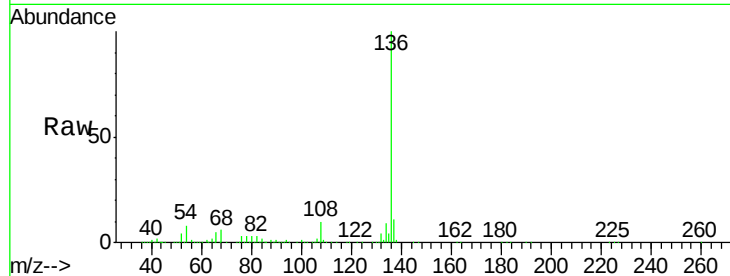
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

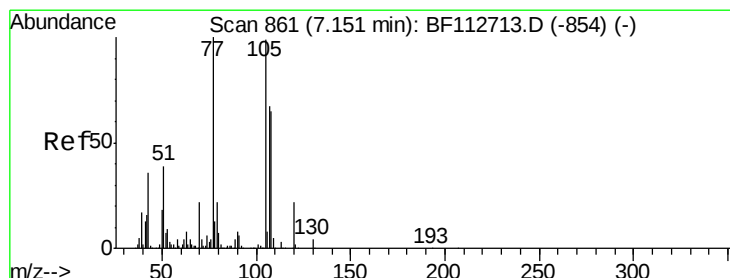
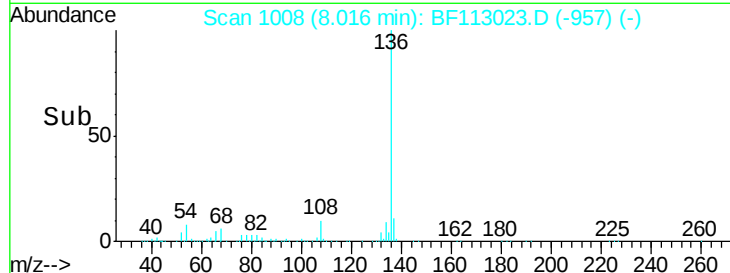
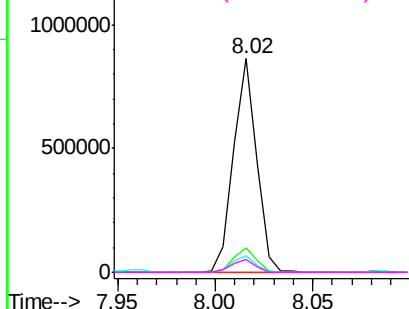
Tot Ion	Ratio	Resp	Lower	Upper
136	100	711706		
137	11.1	8.9	13.3	
54	8.0	7.3	10.9	
68	6.2	5.4	8.2	

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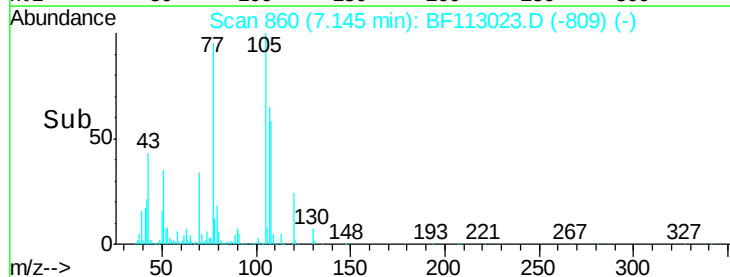
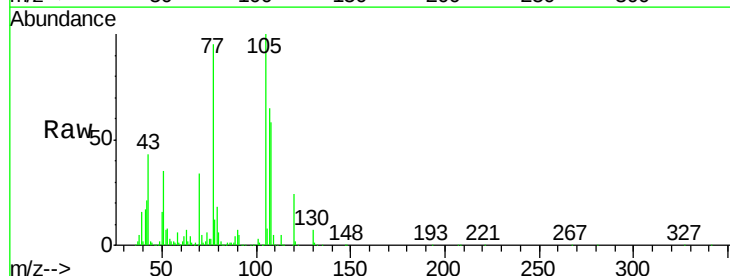
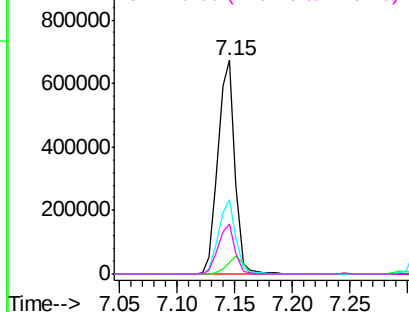
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

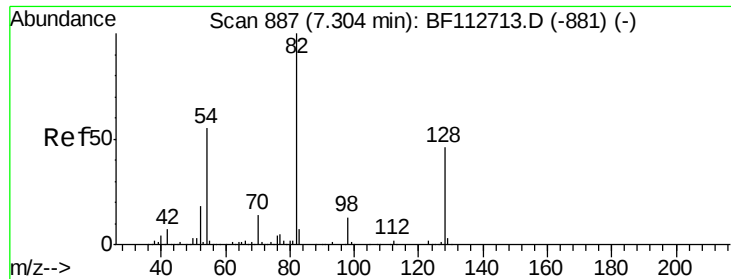


#22
Acetophenone
Concen: 41.407 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	689078		
71	5.4	3.0	4.4#	
51	34.9	31.5	47.3	
120	23.6	18.1	27.1	

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





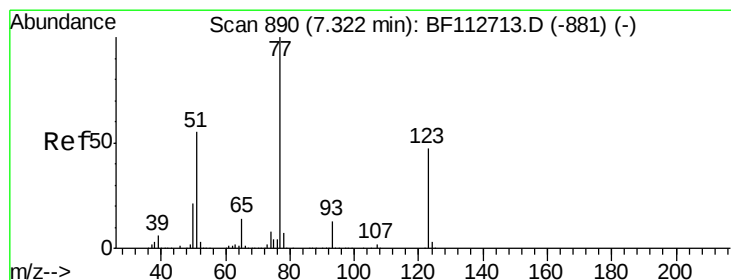
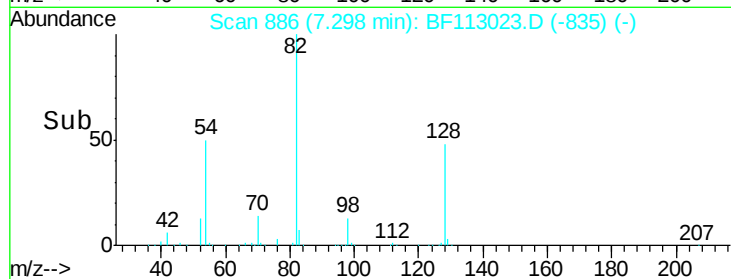
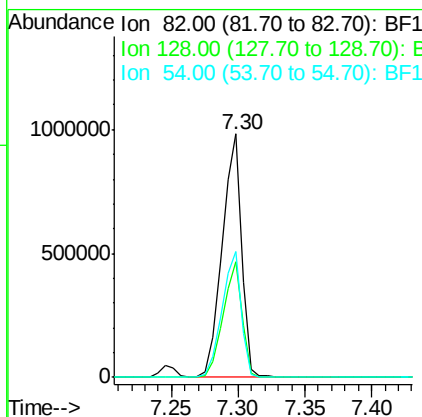
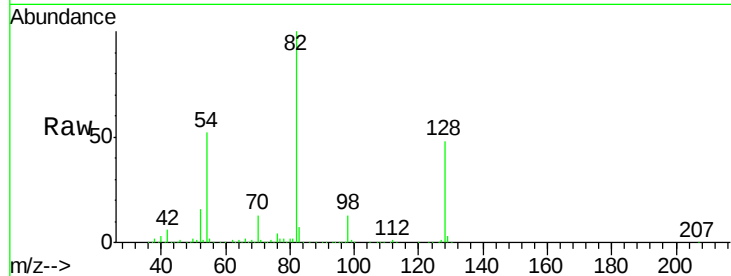
#23
Nitrobenzene-d5
Concen: 85.041 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	82	Resp	1011474
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.3	54.5
54	51.5	43.7	65.5

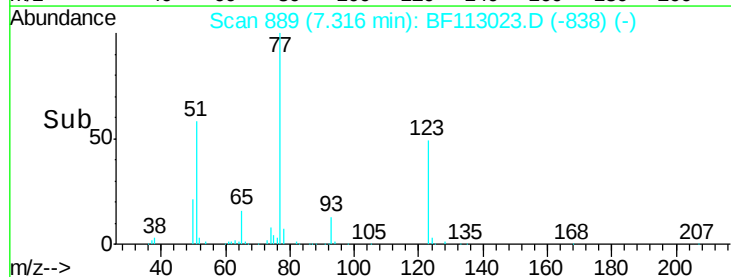
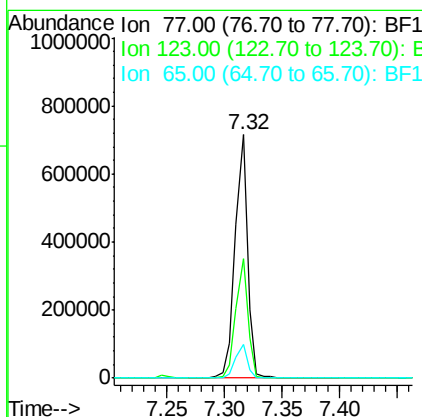
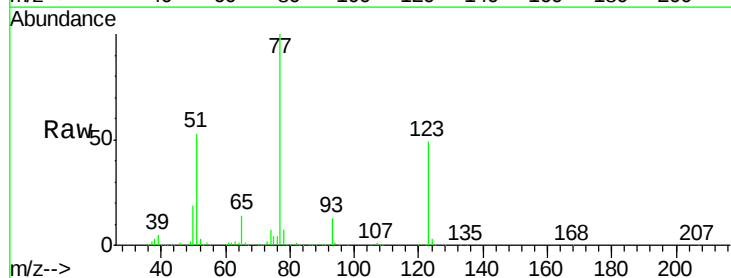
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#24
Nitrobenzene
Concen: 40.456 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	77	Resp	535553
Ion Ratio	Lower	Upper	
77	100		
123	49.2	37.8	56.6
65	13.8	11.1	16.7





#25

Isophorone

Concen: 37.556 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

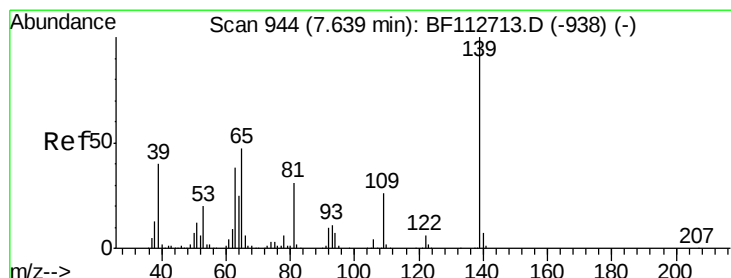
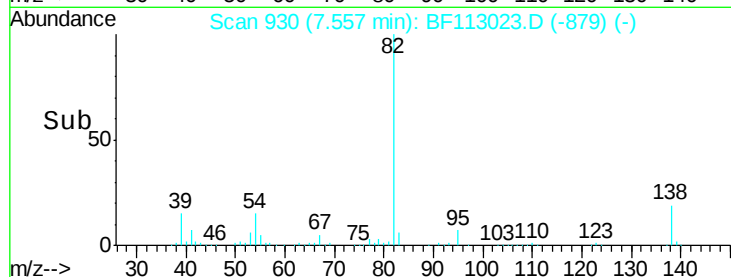
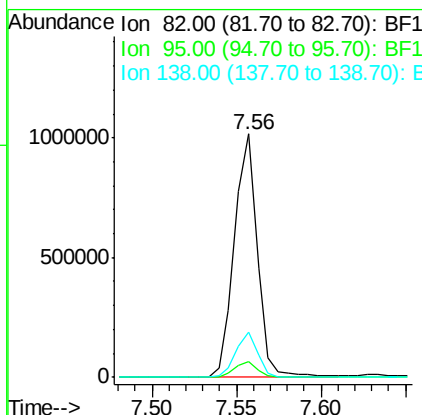
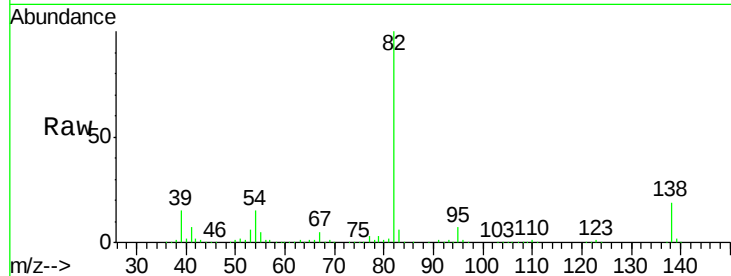
ClientSampled :

SSTDCCC040

Tot Ion:	82	Resp:	962321
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.6	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.719 ng

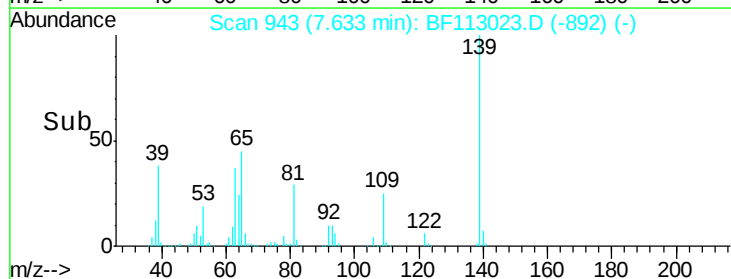
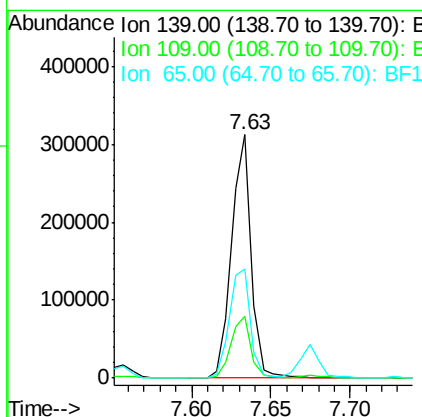
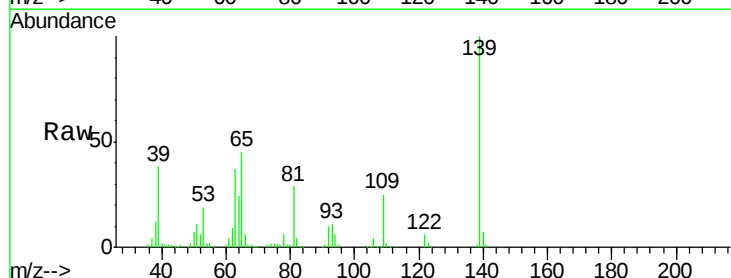
RT: 7.63 min Scan# 943

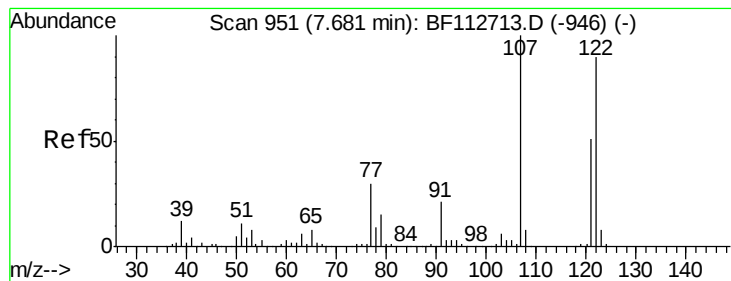
Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	139	Resp:	268473
Ion Ratio		Lower	Upper
139	100		
109	25.3	20.6	31.0
65	45.1	37.9	56.9





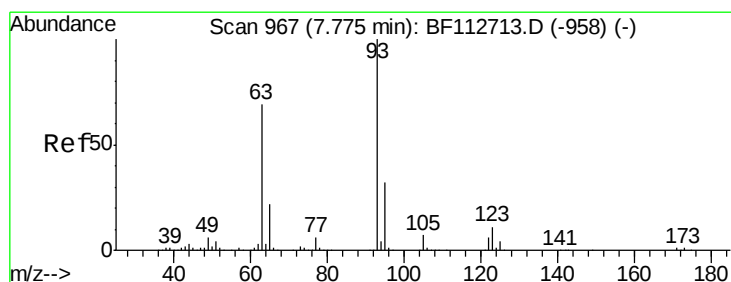
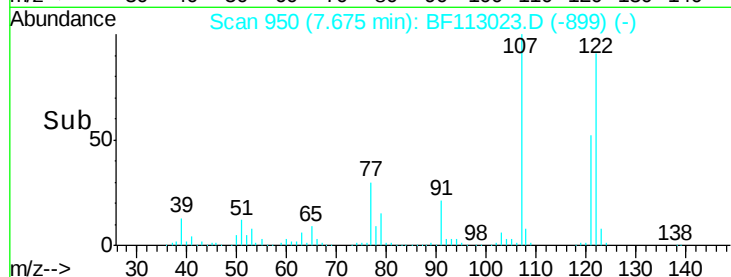
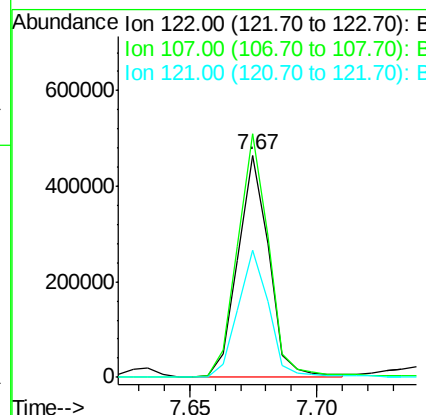
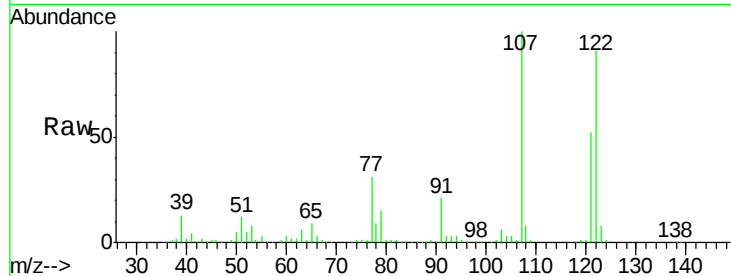
#27
 2,4-Dimethylphenol
 Concen: 38.702 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	89.4	134.0
121	57.4	45.5	68.3

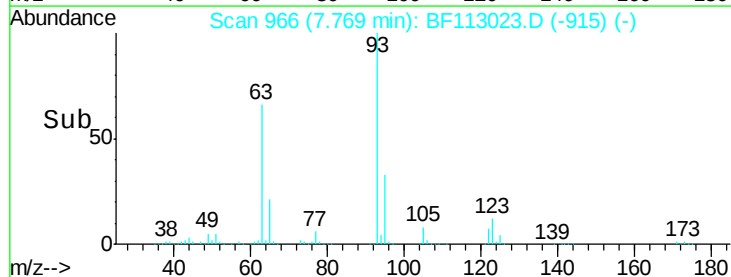
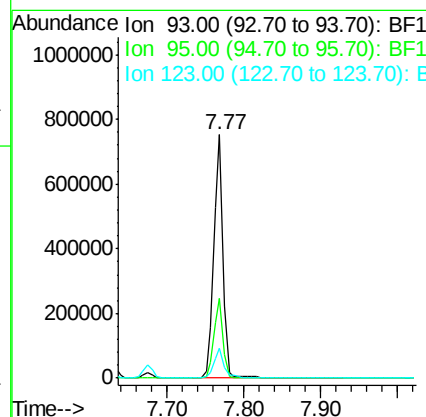
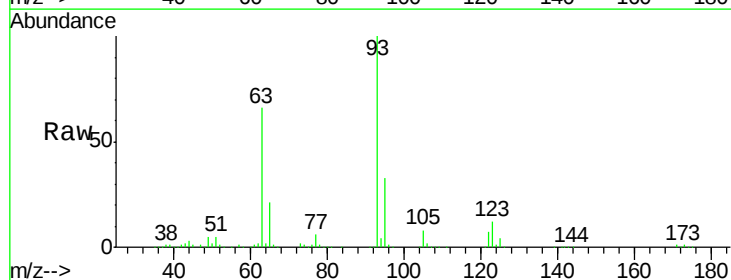
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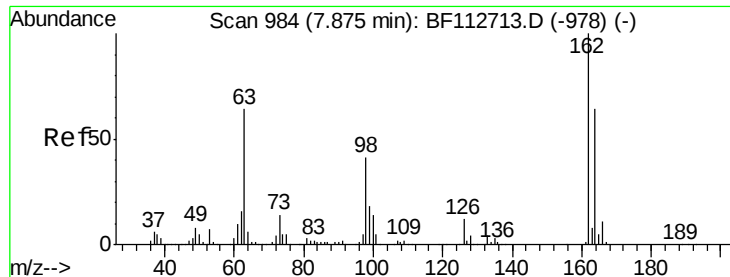
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.301 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	12.0	9.3	13.9





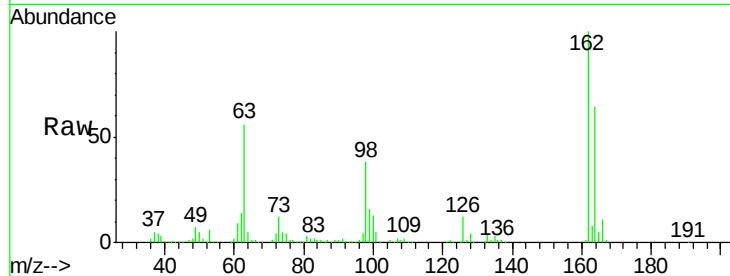
#29
2,4-Dichlorophenol
Concen: 41.882 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.0	84.0
98	38.3	20.7	60.7

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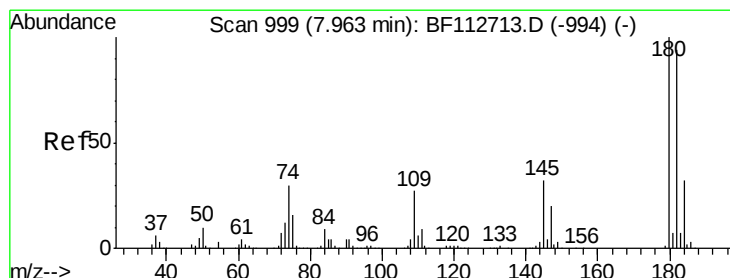
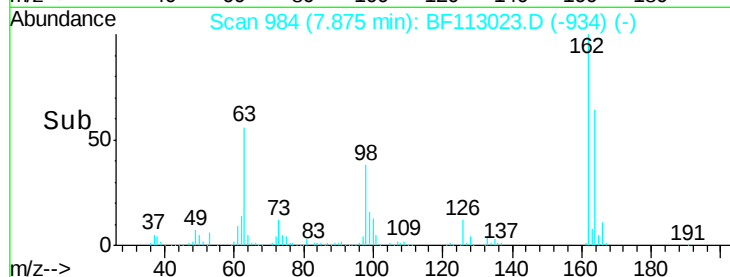
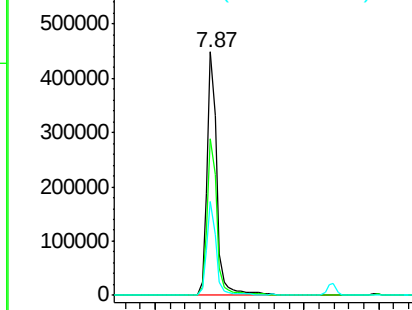


Abundance

Ion 162.00 (161.70 to 162.70): E

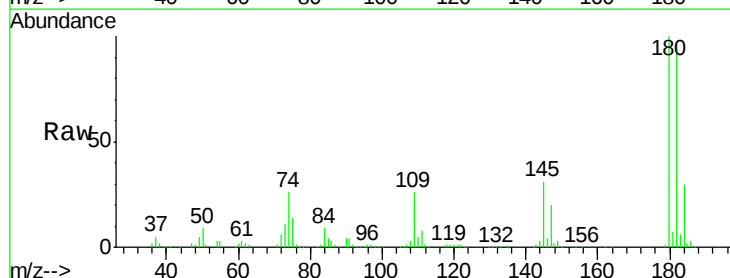
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.607 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.2	112.8
145	31.3	25.4	38.0

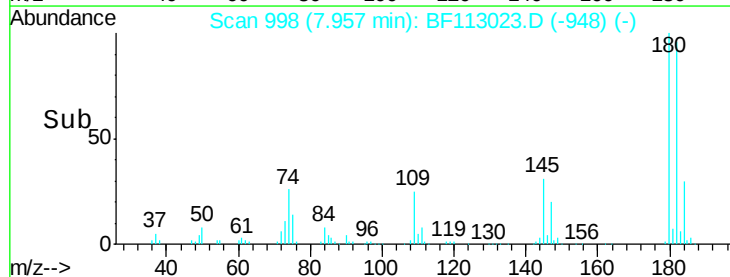
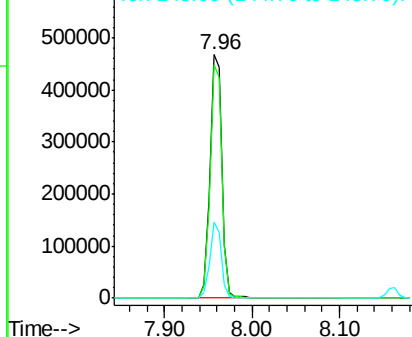


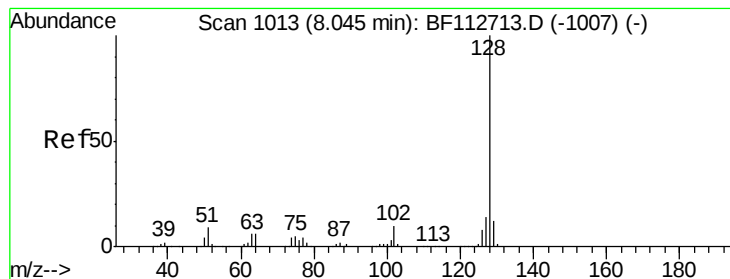
Abundance

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: 38.533 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1361561

Ion Ratio Lower Upper

128 100

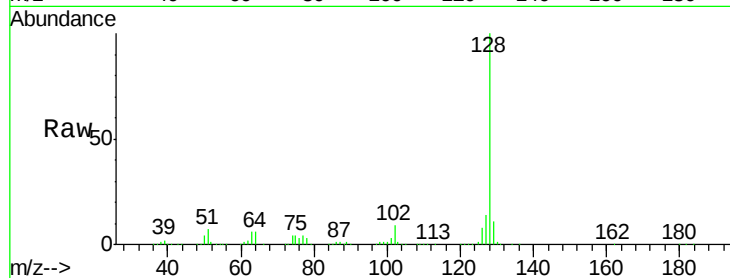
129 11.4 9.3 13.9

127 13.7 10.9 16.3

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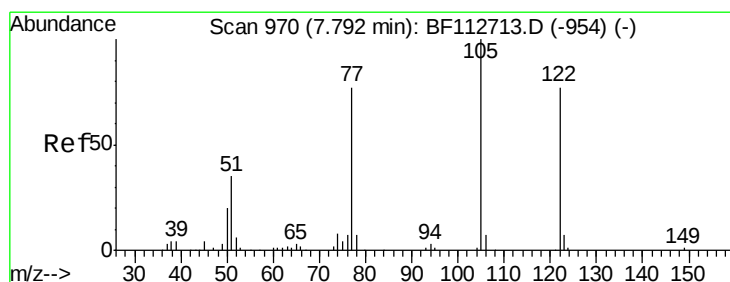
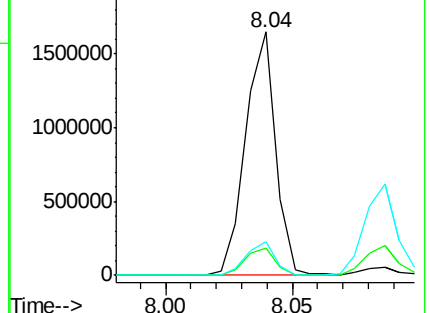
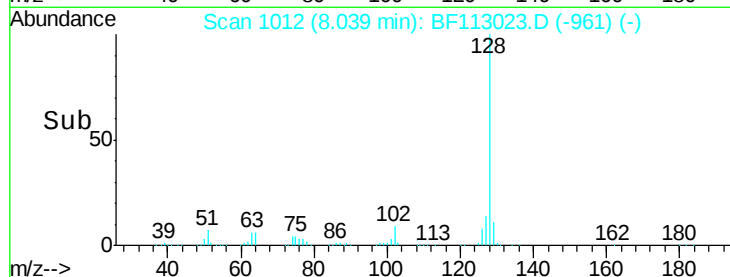
3/13/2019 11:40:54 AM



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: 39.095 ng m

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

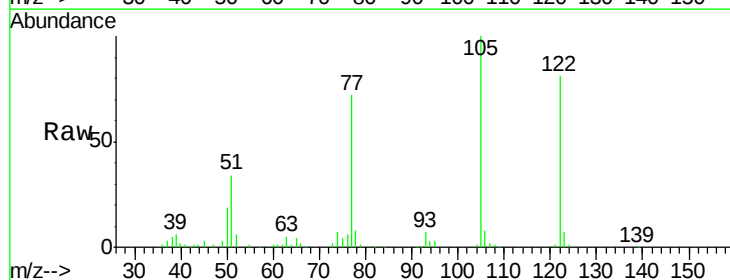
Tgt Ion:122 Resp: 280914

Ion Ratio Lower Upper

122 100

105 124.2 106.8 146.8

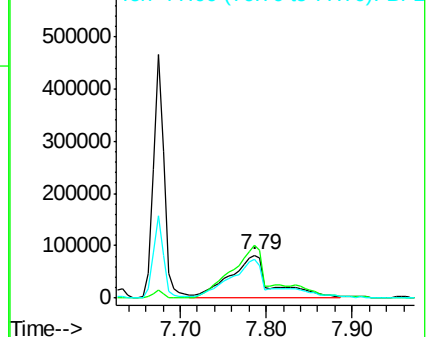
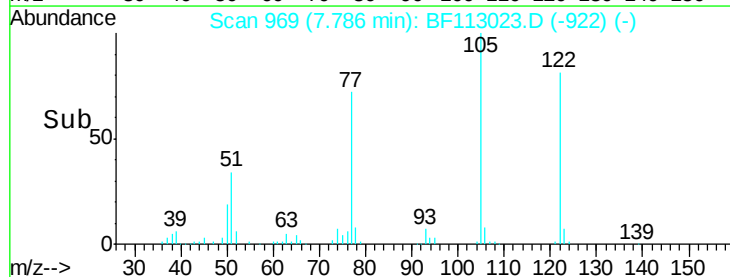
77 89.8 79.4 119.4

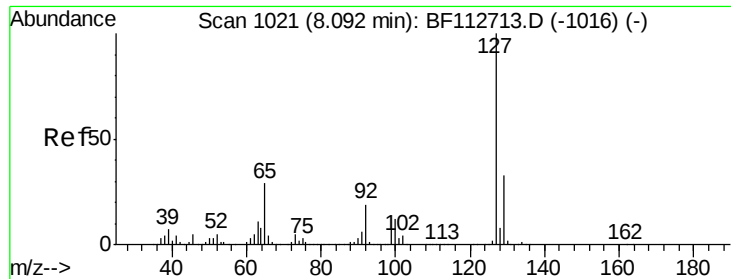


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





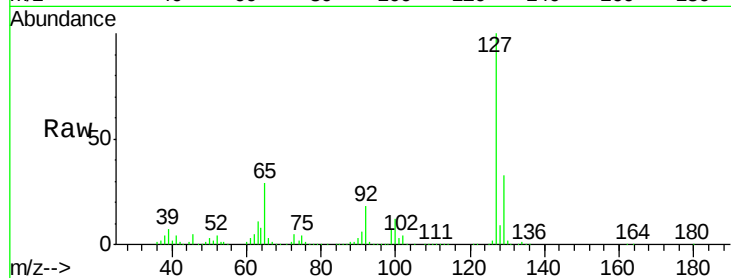
#33
4-Chloroaniline
Concen: 38.988 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

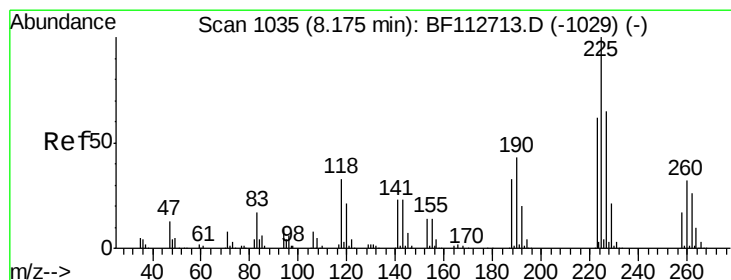
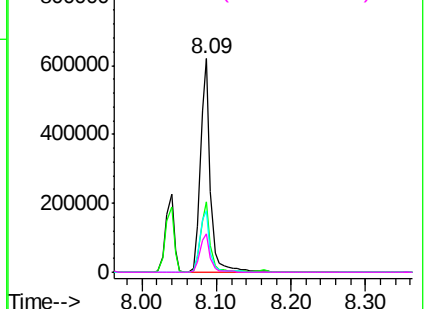
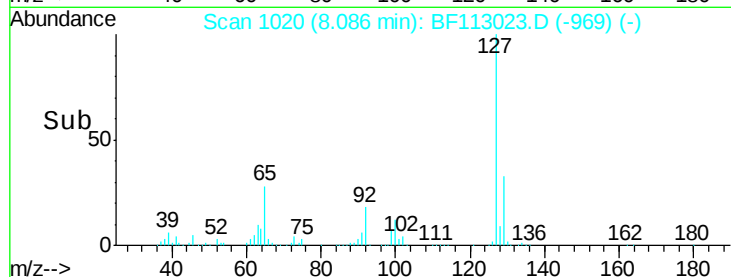
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	28.6	23.1	34.7
92	18.2	14.9	22.3

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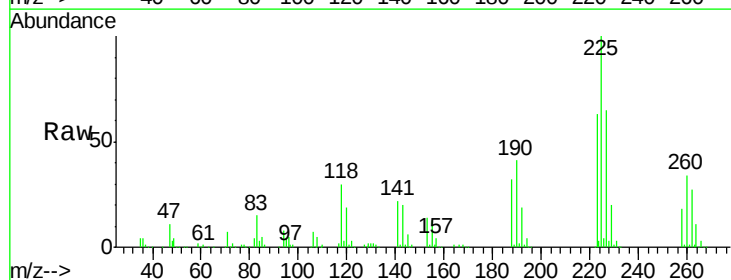


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

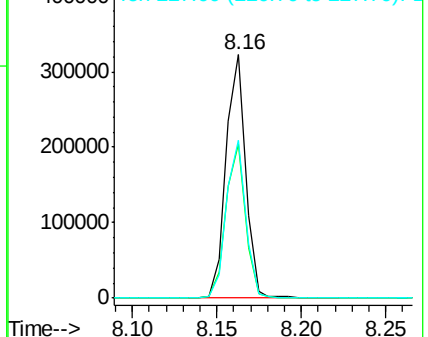
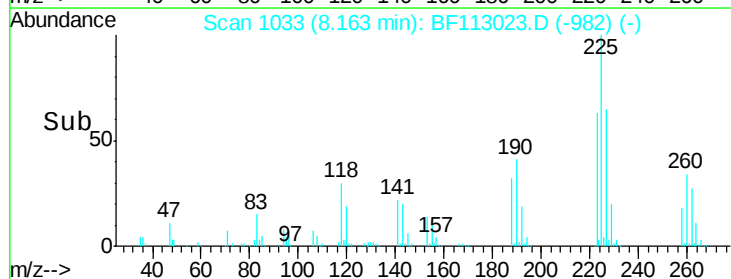


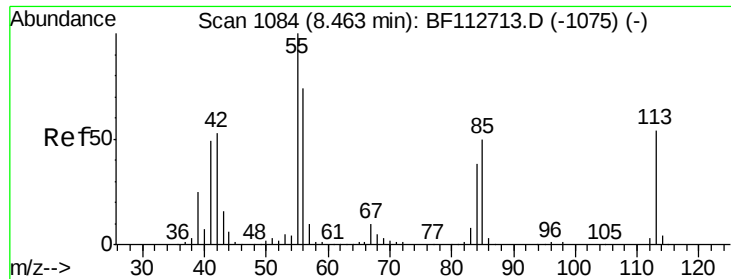
#34
Hexachlorobutadiene
Concen: 43.188 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	64.7	52.1	78.1



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





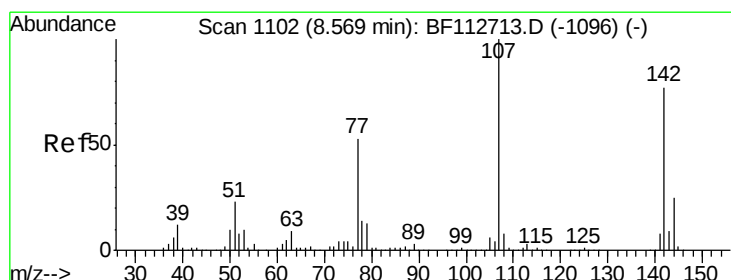
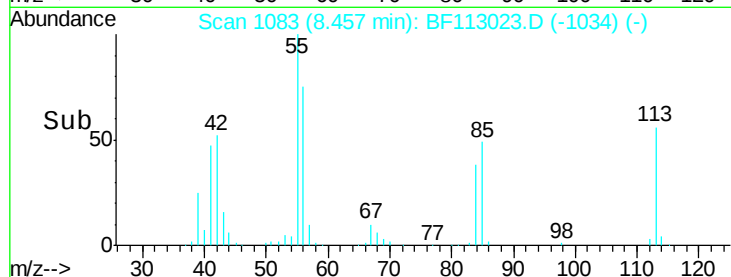
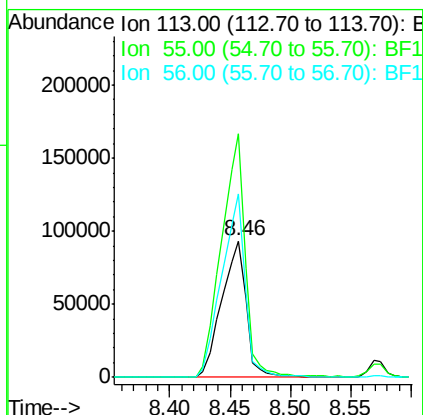
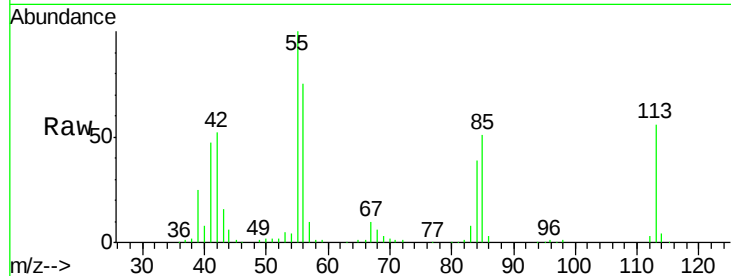
#35
Caprolactam
Concen: 37.447 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.5	163.5	203.5
56	134.5	115.3	155.3

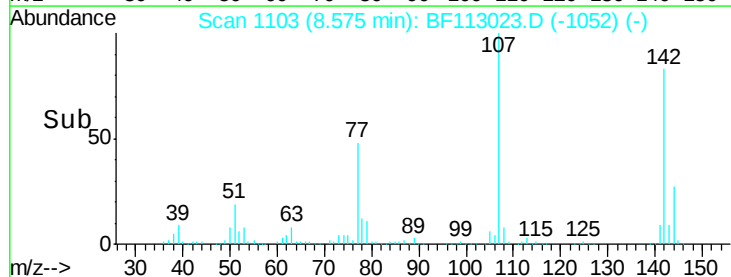
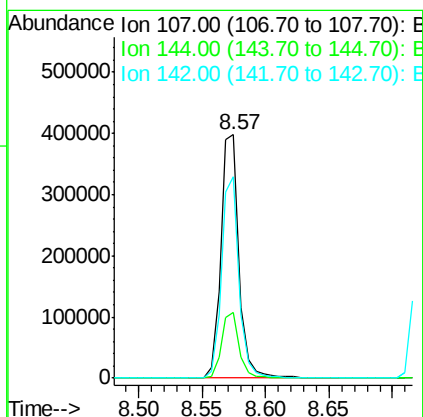
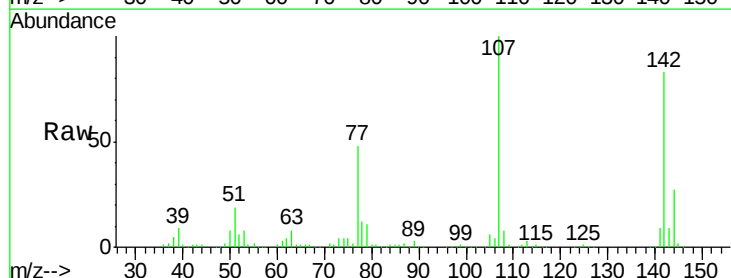
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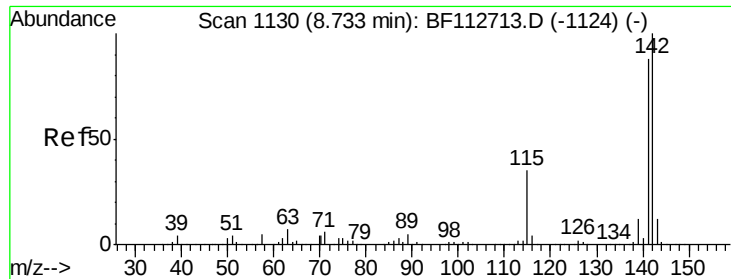
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#36
4-Chloro-3-methylphenol
Concen: 36.150 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.1	30.1
142	82.8	61.9	92.9





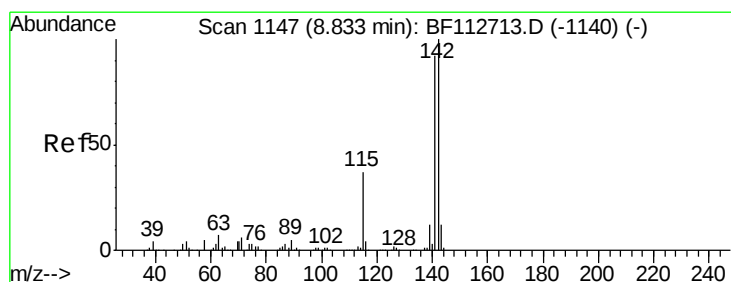
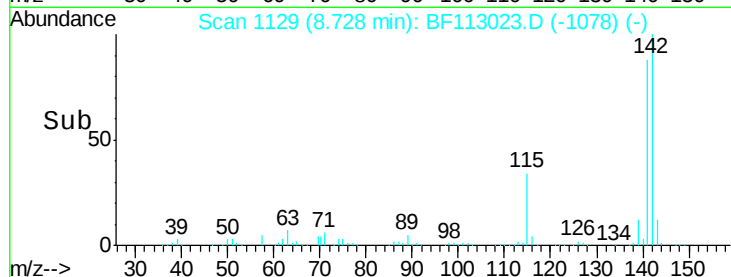
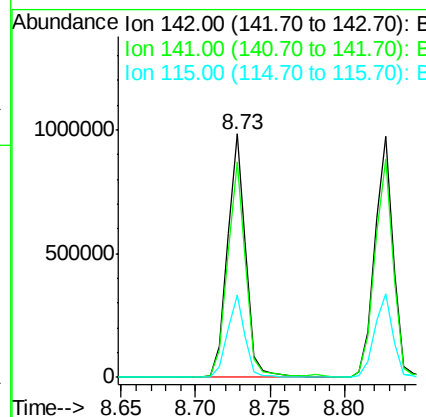
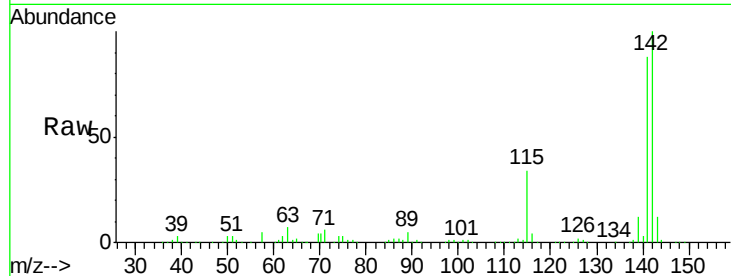
#37
2-Methylnaphthalene
Concen: 37.520 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	34.0	27.8	41.6

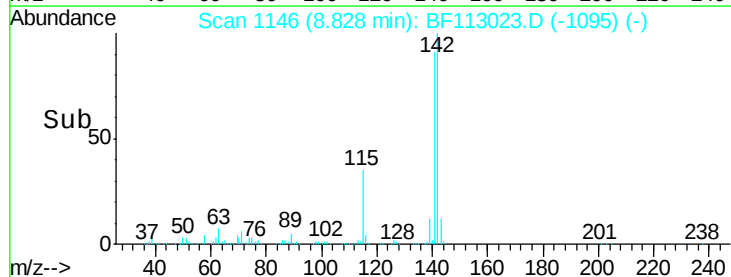
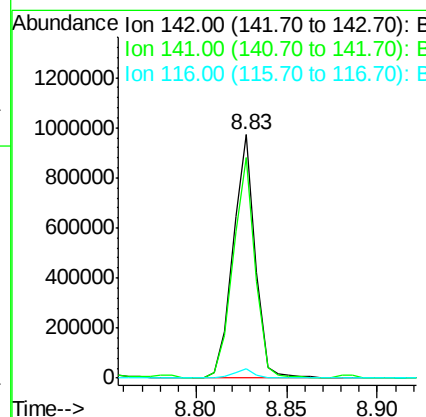
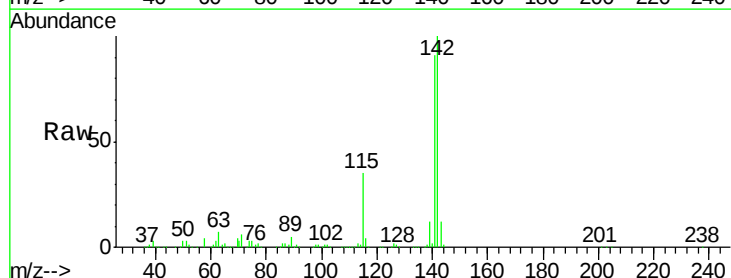
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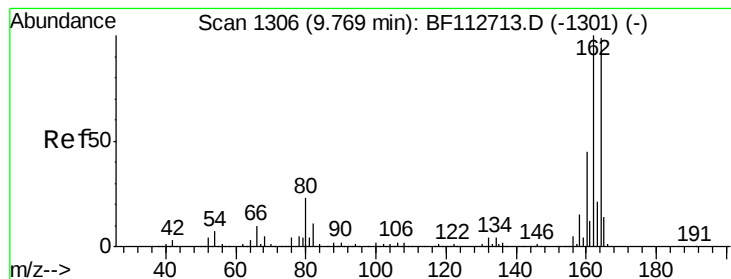
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#38
1-Methylnaphthalene
Concen: 36.995 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.7	110.5
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

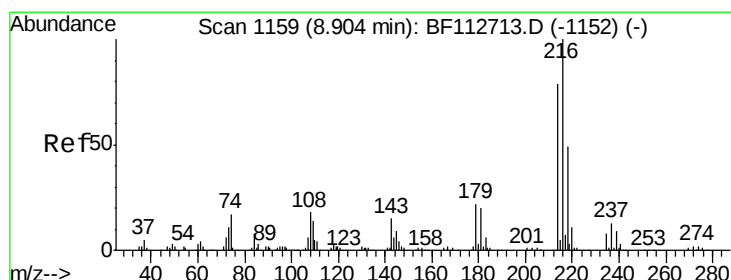
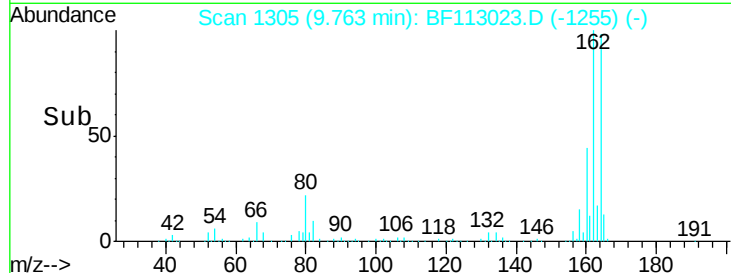
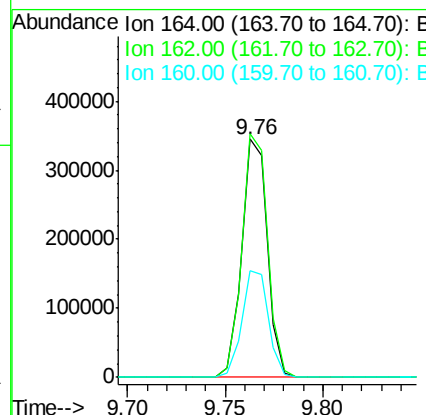
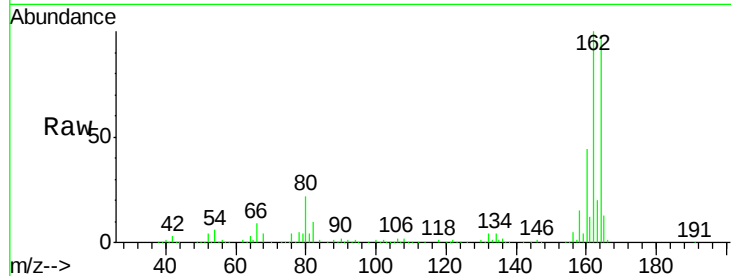
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	312588
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.6	120.8
160	45.0	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.171 ng

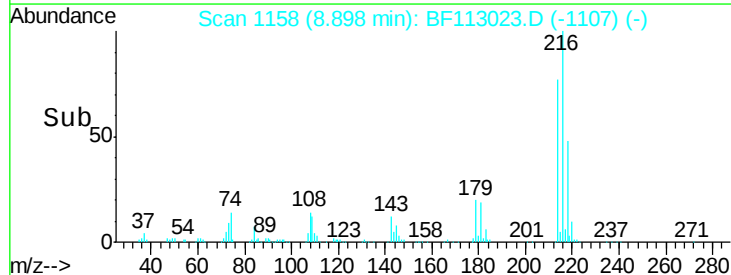
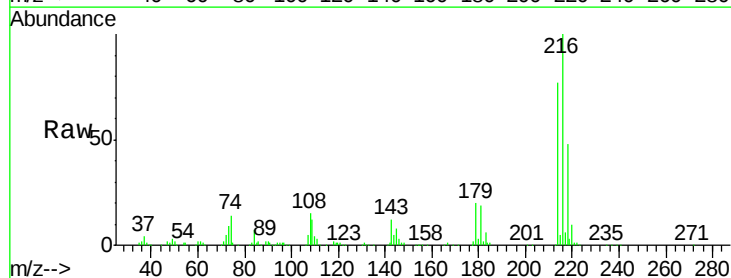
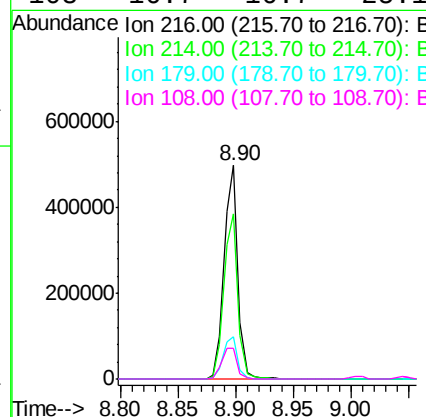
RT: 8.90 min Scan# 1158

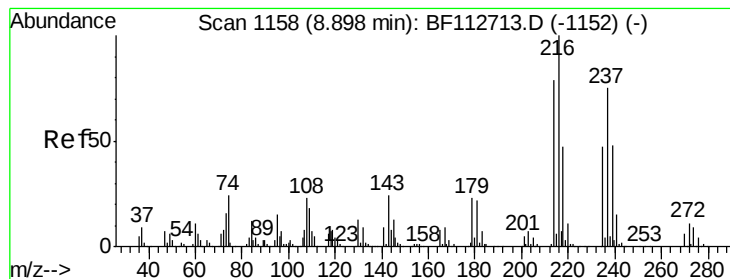
Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	216	Resp:	411755
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.2	94.8
179	20.5	17.5	26.3
108	16.7	16.7	25.1#





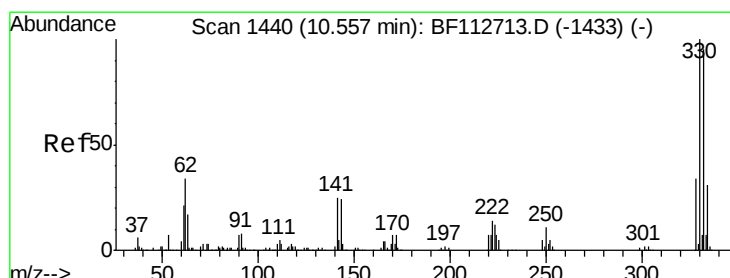
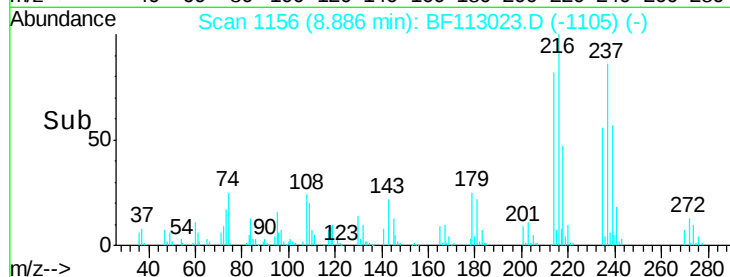
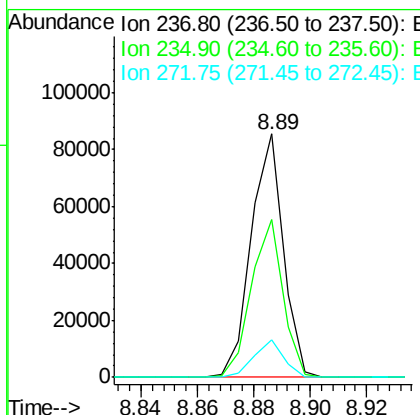
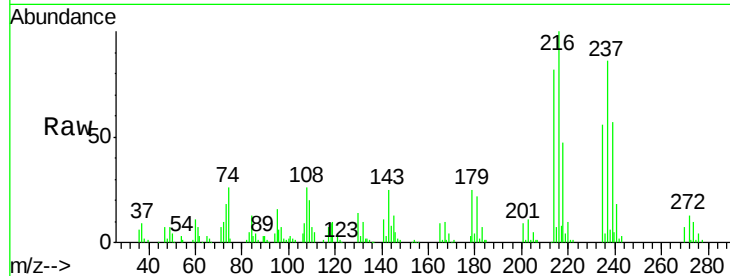
#41
Hexachlorocyclopentadiene
Concen: 13.547 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	42.2	82.2
272	15.2	0.0	34.0

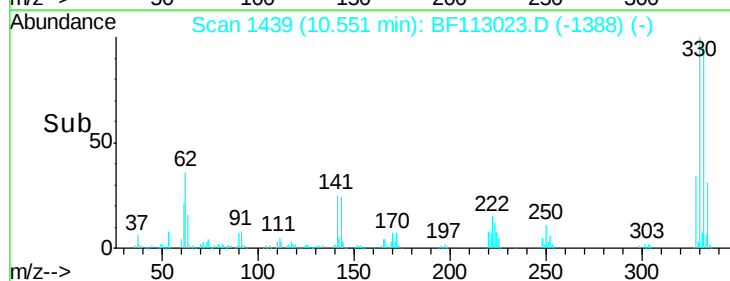
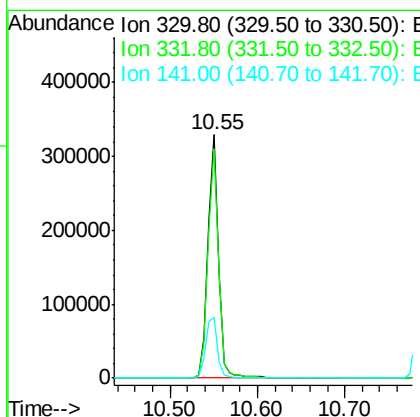
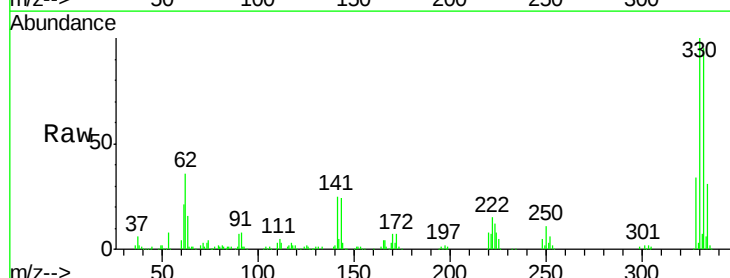
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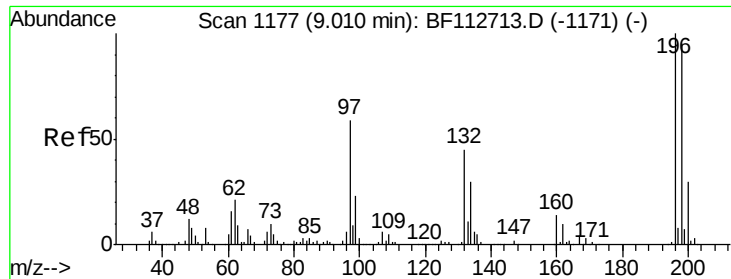
Sohil
3/13/2019 11:40:54 AM



#42
2,4,6-Tribromophenol
Concen: 84.430 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.5	76.2	114.4
141	27.8	27.0	40.6





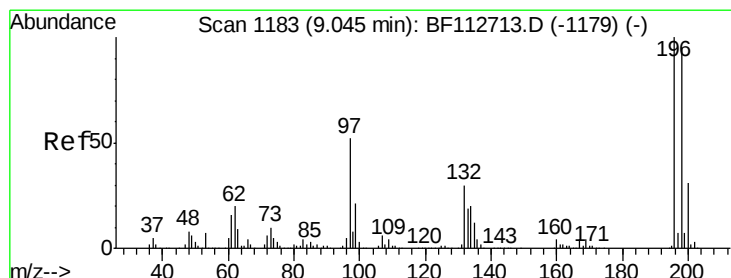
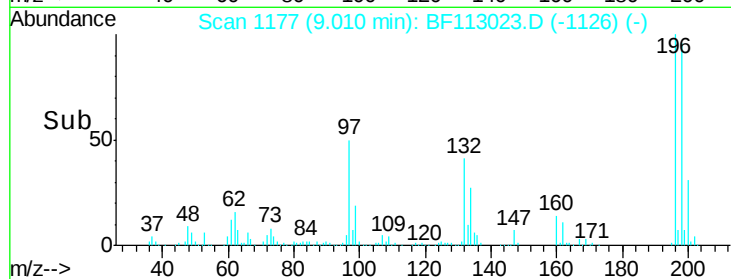
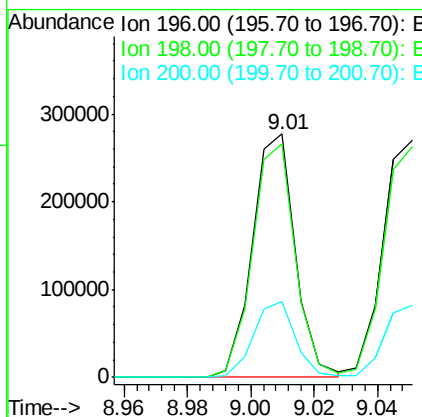
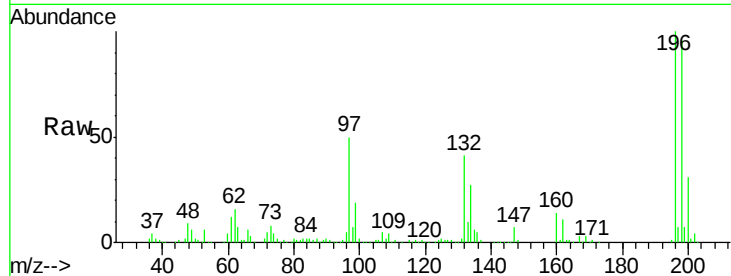
#43
 2,4,6-Trichlorophenol
 Concen: 41.434 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	259937
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.8	113.8
200	31.3	24.3	36.5

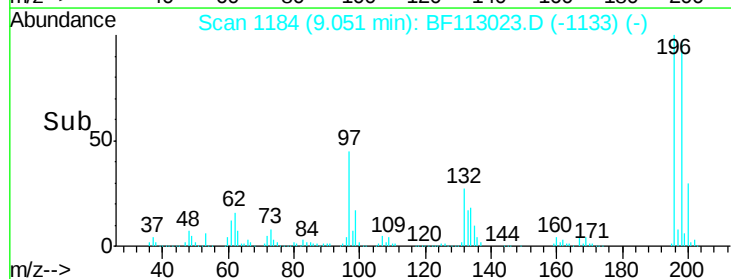
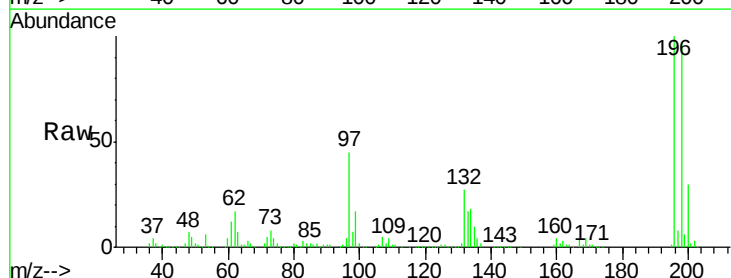
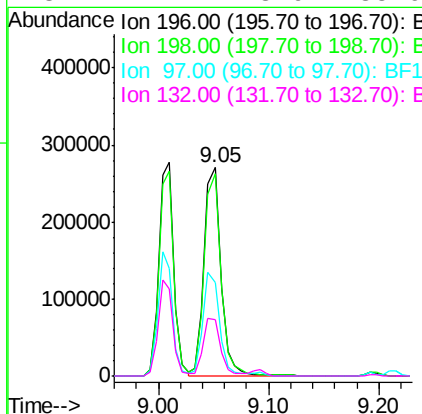
Manual Integrations
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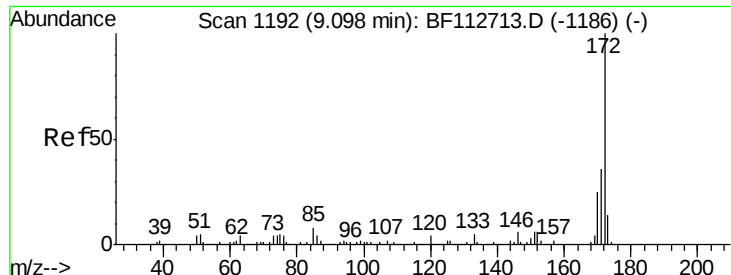
Sohil
 3/13/2019 11:40:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.067 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion:	196	Resp:	278469
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.2	114.2
97	45.1	41.5	62.3
132	27.1	23.9	35.9





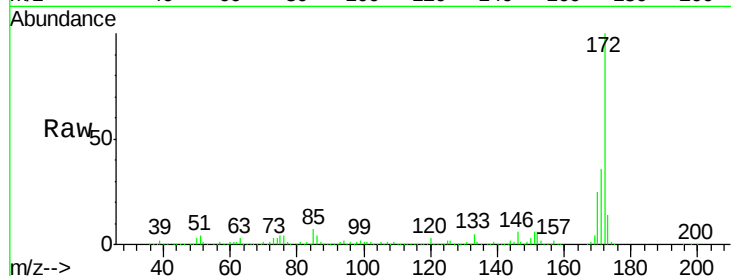
#45
2-Fluorobiphenyl
Concen: 86.194 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

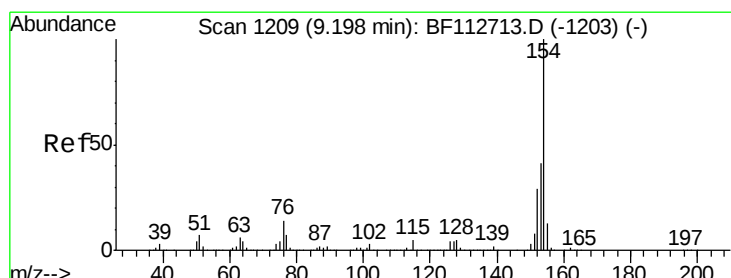
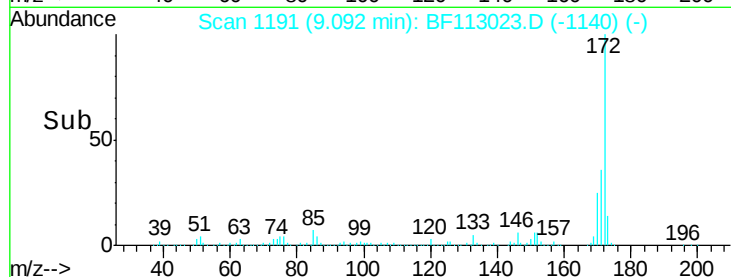
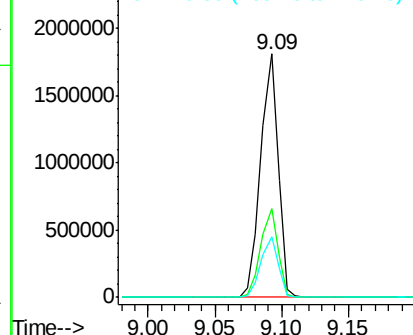
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.6	20.0	30.0

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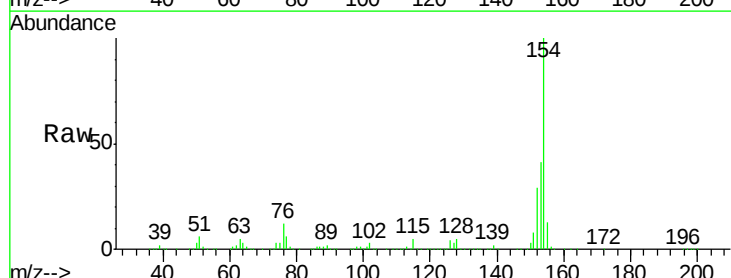


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

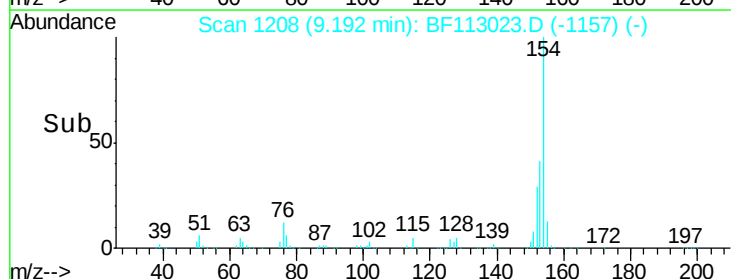
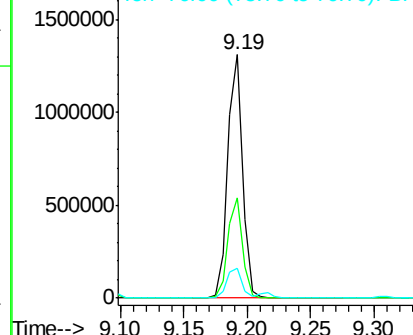


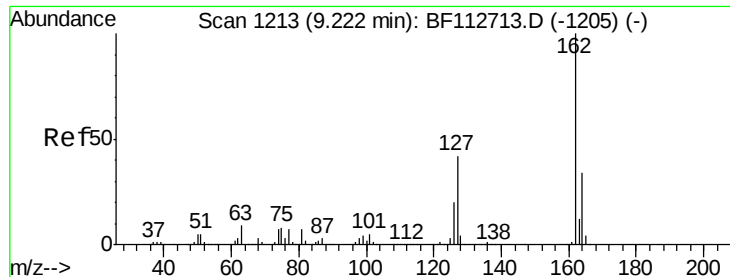
#46
1,1'-Biphenyl
Concen: 42.062 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	12.1	0.0	33.8



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





#47

2-Chloronaphthalene

Concen: 40.148 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

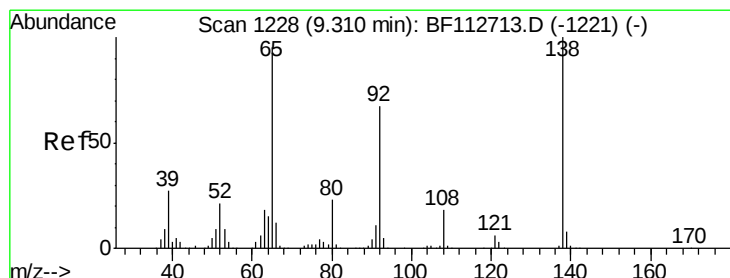
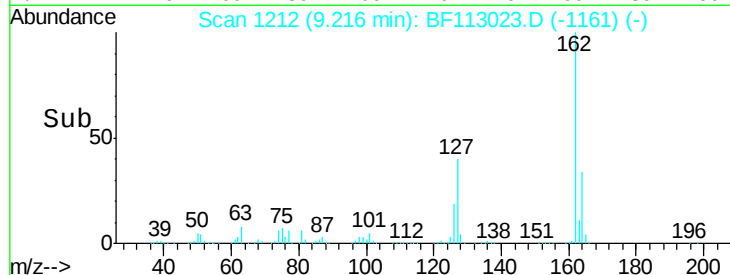
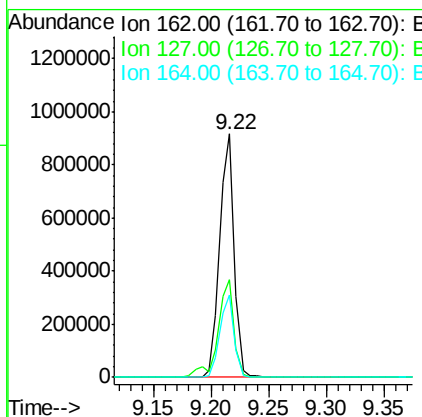
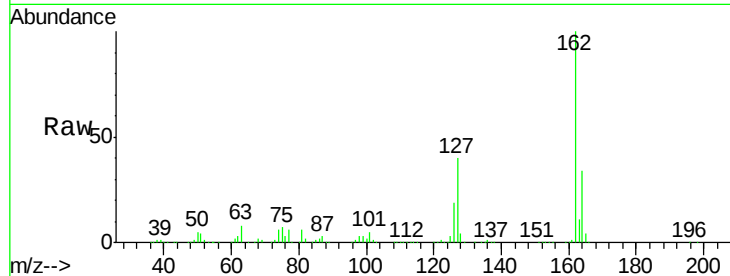
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	799294
Ion Ratio		Lower	Upper
162	100		
127	40.1	33.4	50.2
164	33.6	26.9	40.3

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#48

2-Nitroaniline

Concen: 42.351 ng

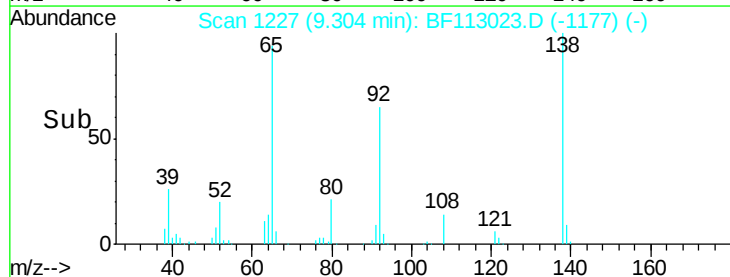
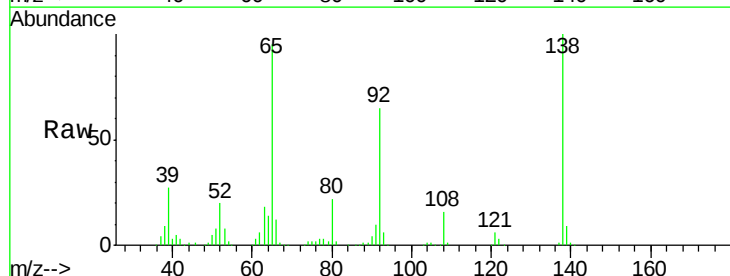
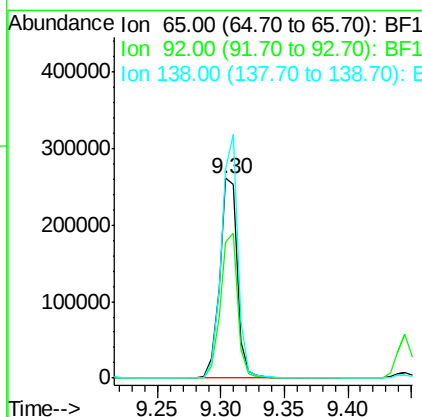
RT: 9.30 min Scan# 1227

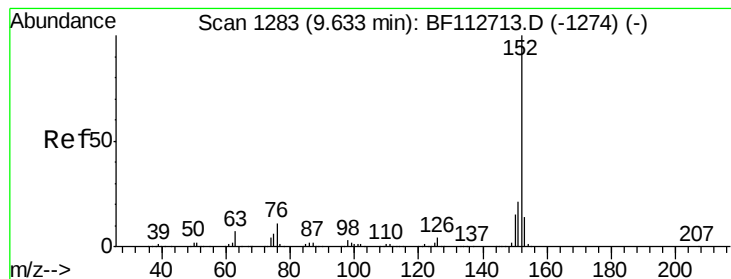
Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	65	Resp:	256279
Ion Ratio		Lower	Upper
65	100		
92	67.8	56.4	84.6
138	104.8	84.6	126.8





#49

Acenaphthylene

Concen: 37.888 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1280548

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

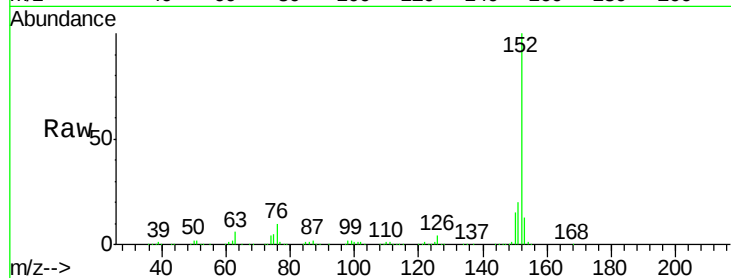
153 13.4 11.0 16.6

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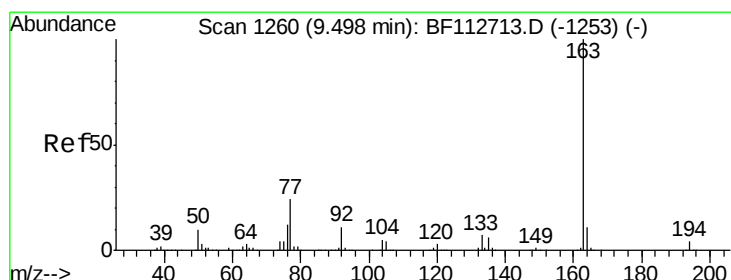
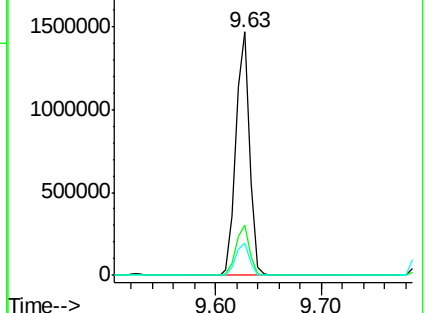
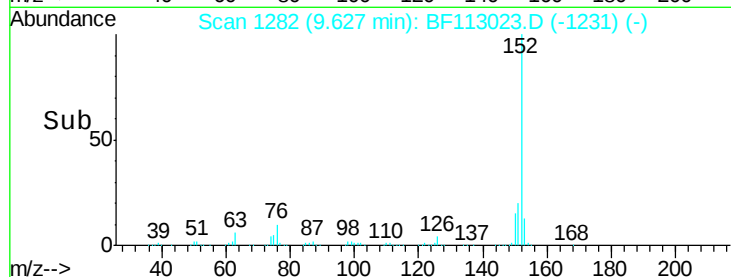
3/13/2019 11:40:54 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.295 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

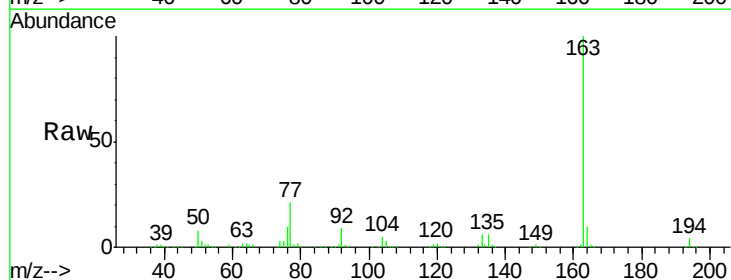
Tgt Ion:163 Resp: 951793

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

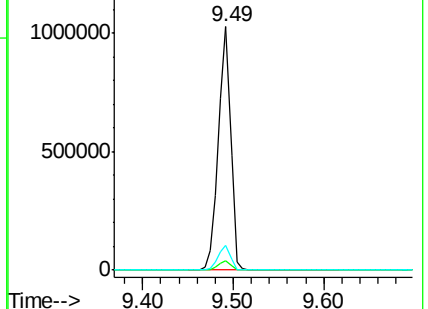
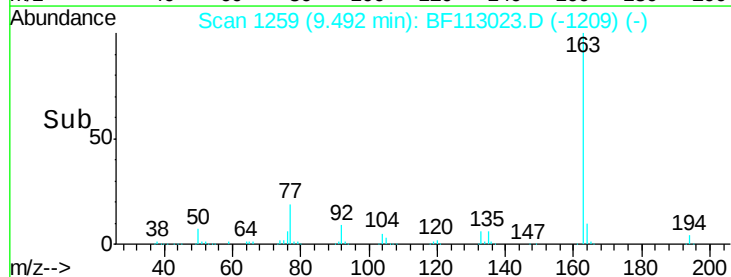
164 10.3 8.4 12.6

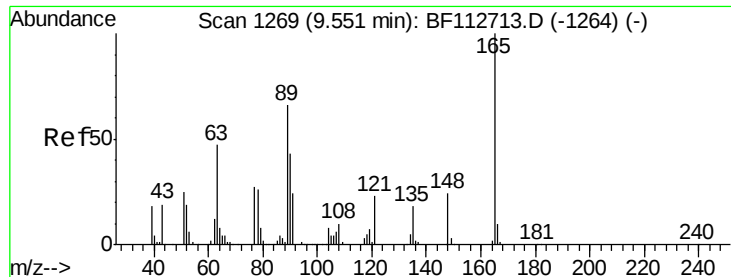


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





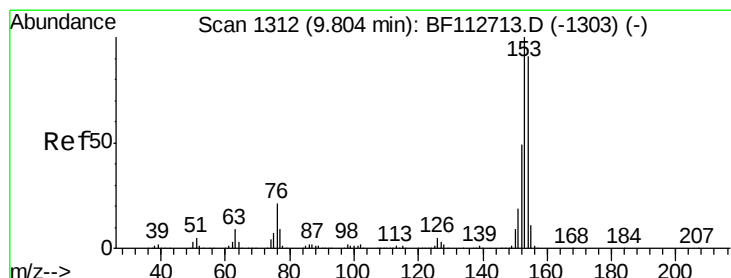
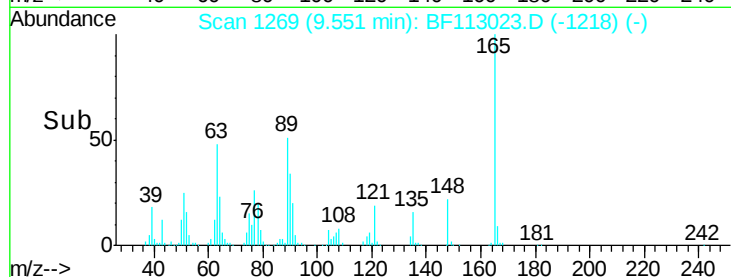
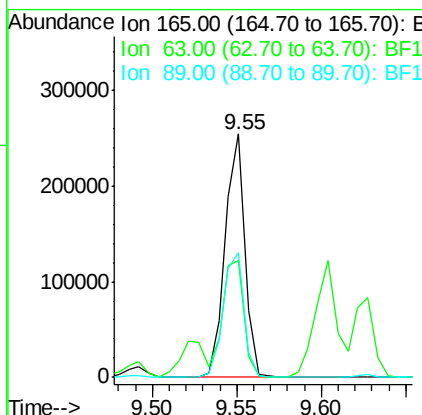
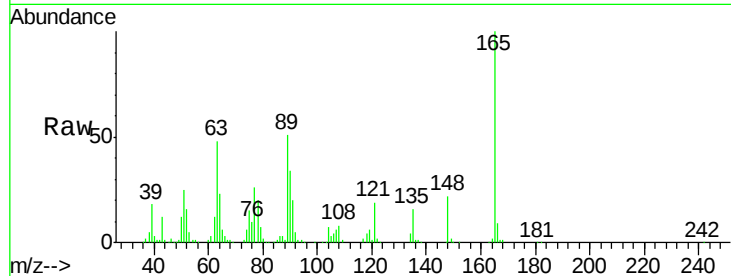
#51
 2,6-Dinitrotoluene
 Concen: 42.995 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206360		
63	48.0		54.1	81.1#
89	50.9		52.8	79.2#

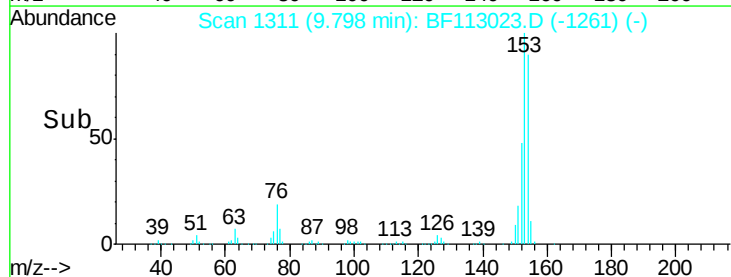
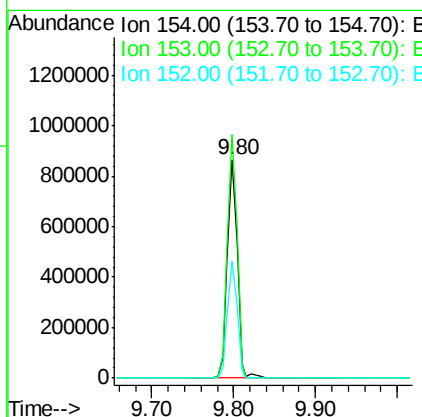
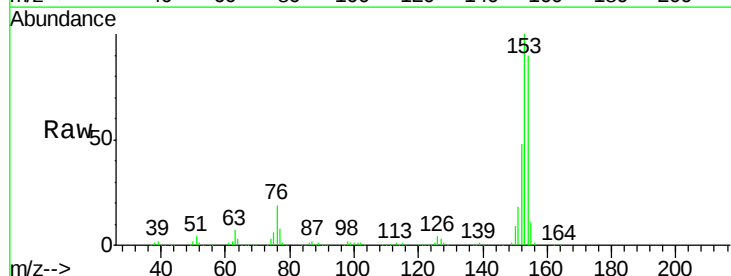
Manual Integrations
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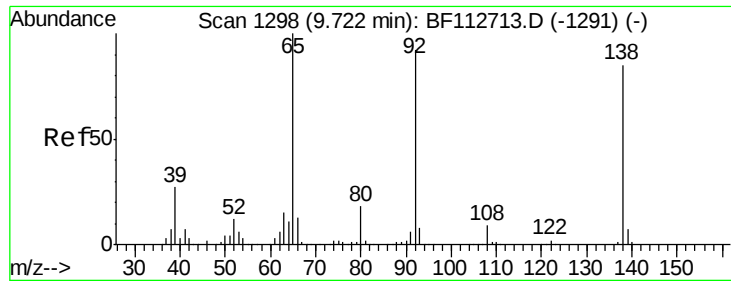
Sohil
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#52
 Acenaphthene
 Concen: 37.040 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	732089		
153	111.5		87.8	131.8
152	53.6		43.0	64.6





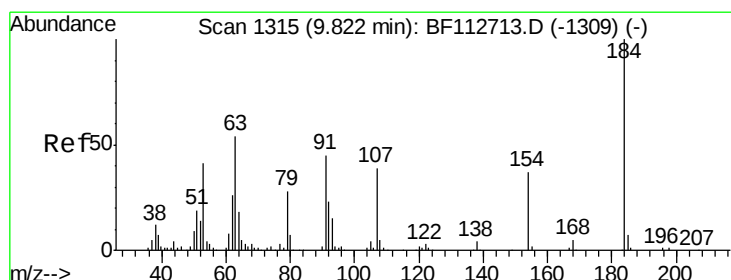
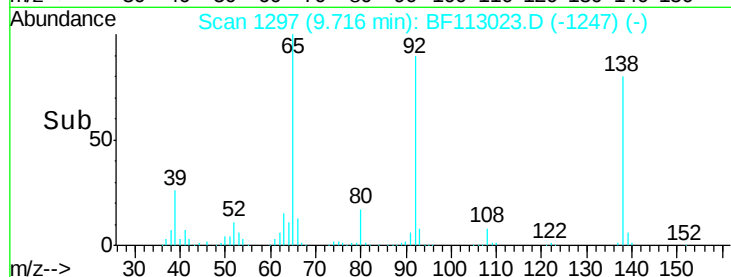
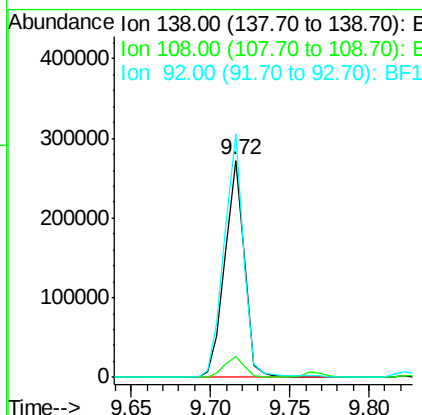
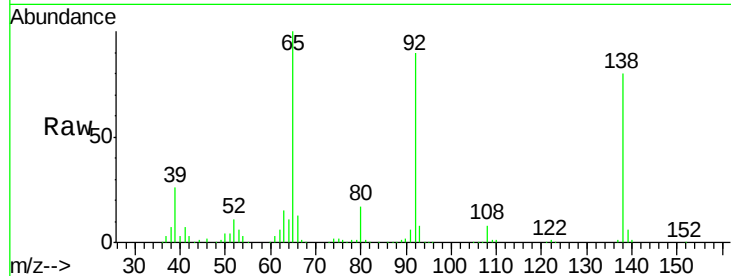
#53
3-Nitroaniline
Concen: 40.011 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.6	13.0
92	112.3	86.6	129.8

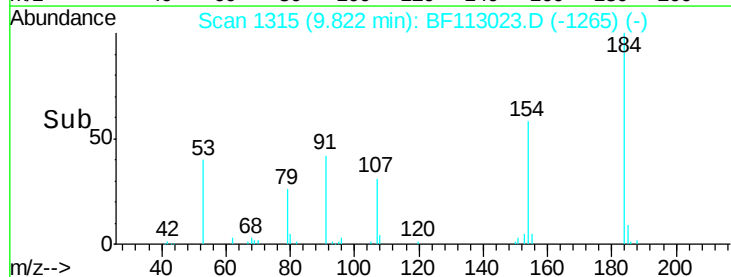
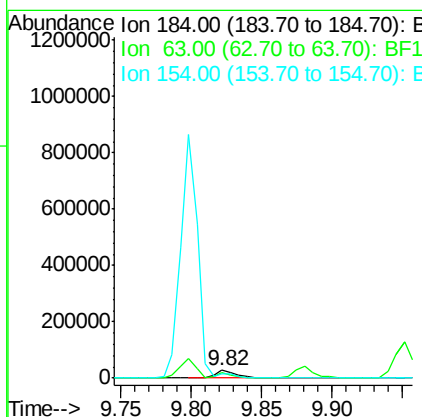
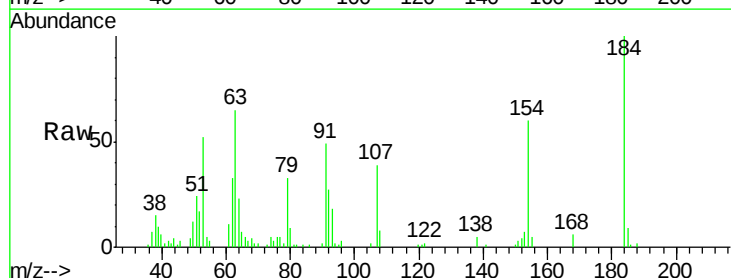
Manual Integrations
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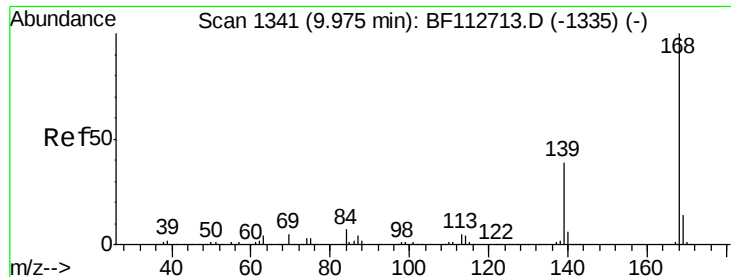
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#54
2,4-Dinitrophenol
Concen: 19.699 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	45.3	67.9
154	60.2	46.0	69.0





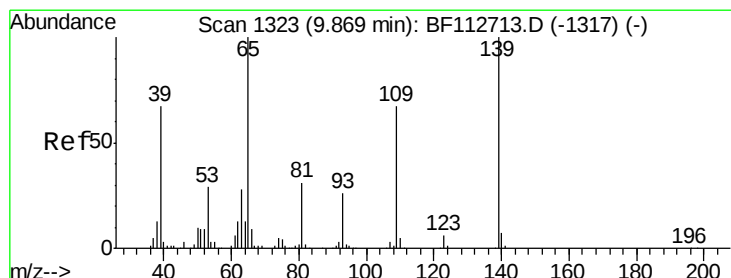
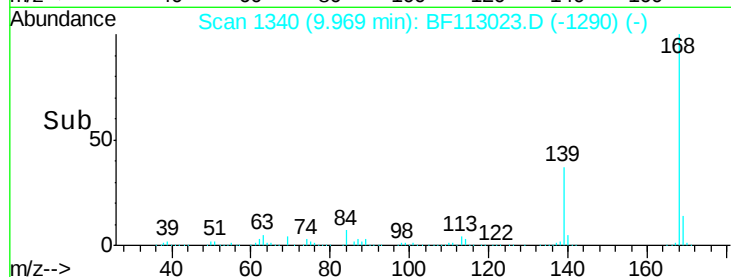
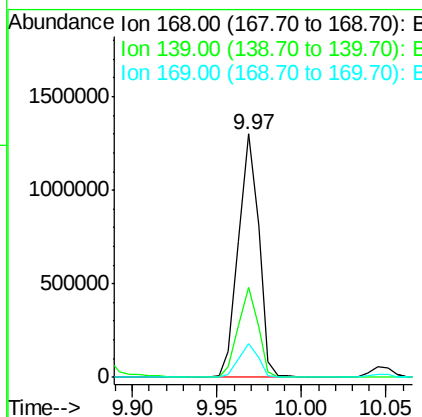
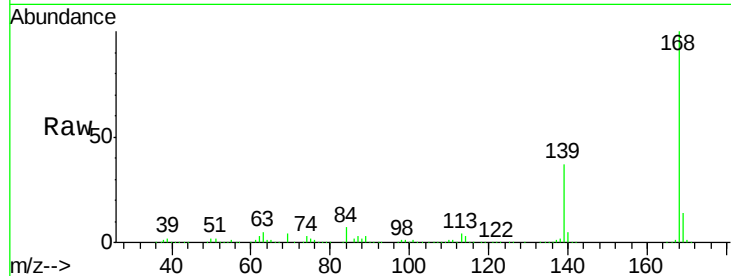
#55
Dibenzofuran
Concen: 38.097 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1094383
Ion Ratio Lower Upper
168 100
139 37.0 31.3 46.9
169 13.9 11.3 16.9

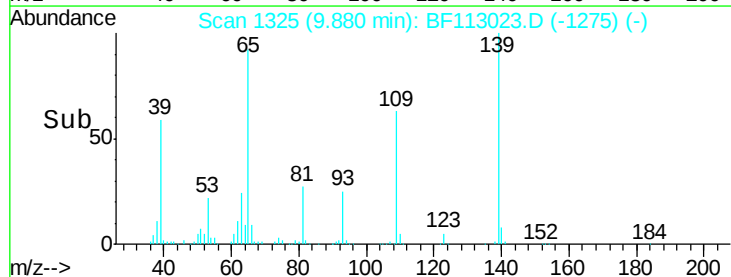
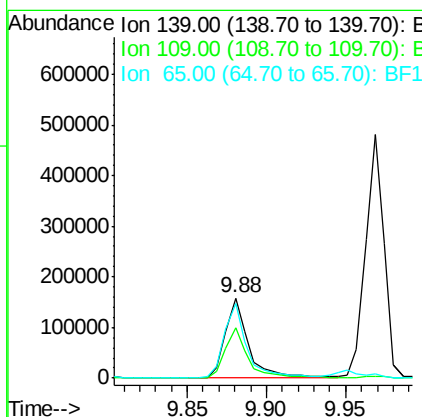
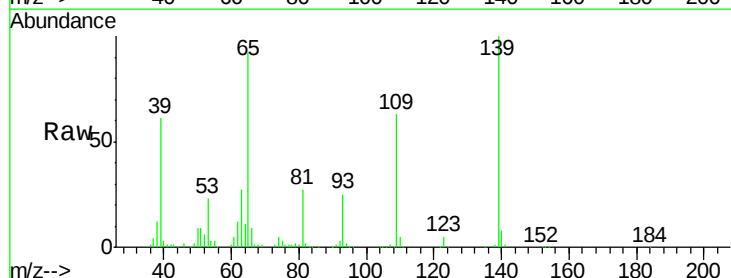
Manual Integrations
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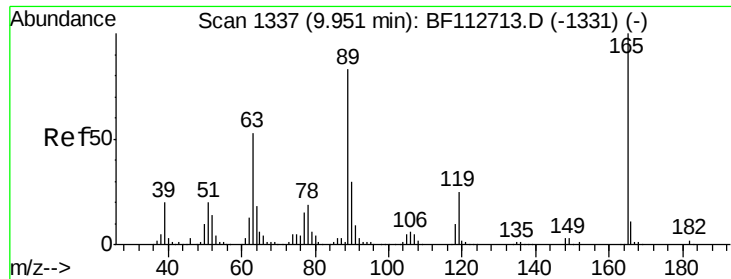
Sohil
3/13/2019 11:40:54 AM



#56
4-Nitrophenol
Concen: 34.294 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion:139 Resp: 163004
Ion Ratio Lower Upper
139 100
109 62.7 46.8 86.8
65 92.4 80.7 120.7





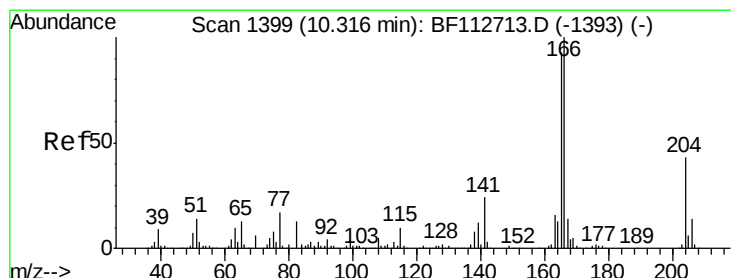
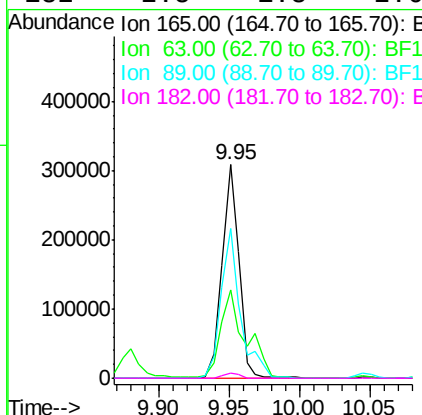
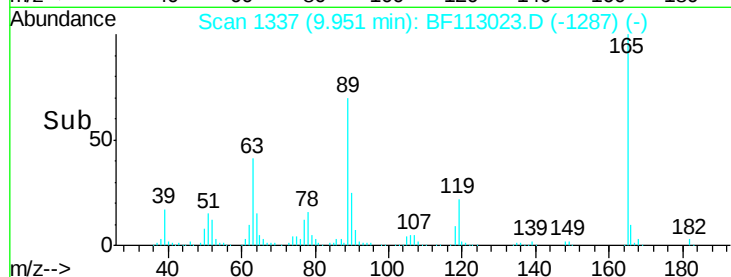
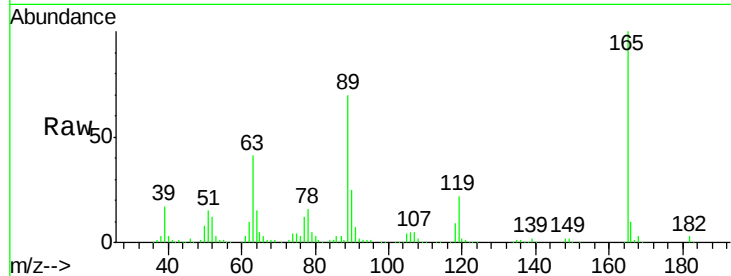
#57
2,4-Dinitrotoluene
Concen: 43.267 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		258138		
63	41.4		42.2	63.2#	
89	70.3		66.2	99.4	
182	2.5		1.8	2.6	

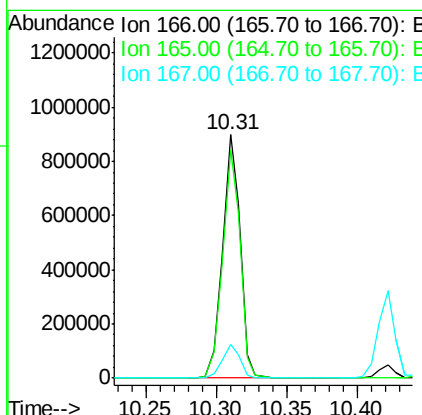
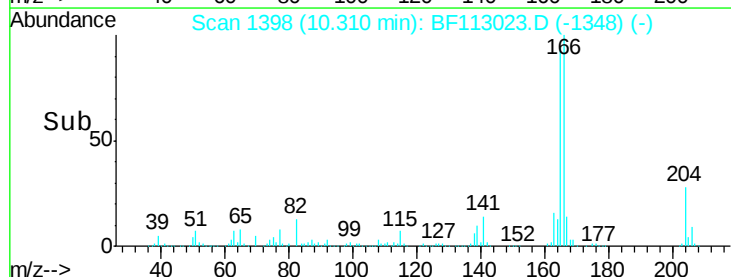
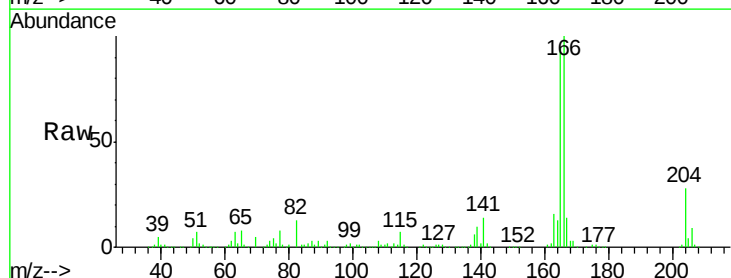
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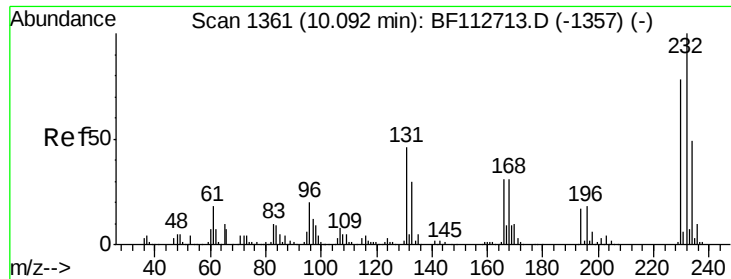
Sohil
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#58
Fluorene
Concen: 38.021 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		775192		
165	93.9		74.7	112.1	
167	13.9		11.0	16.6	





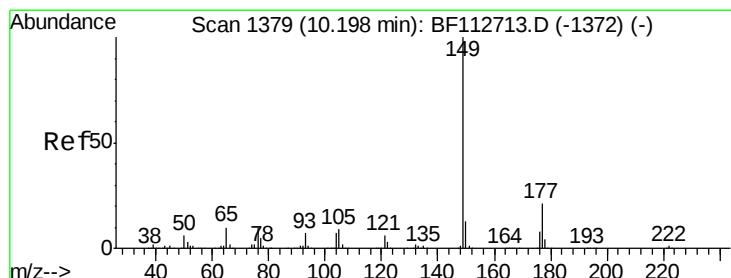
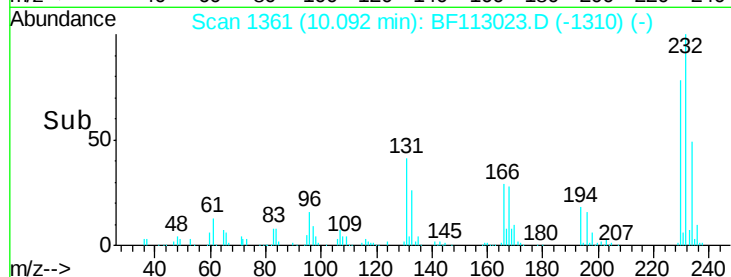
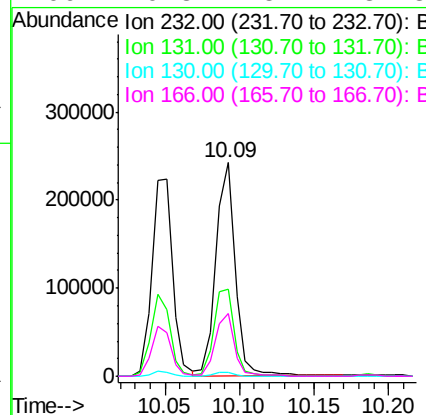
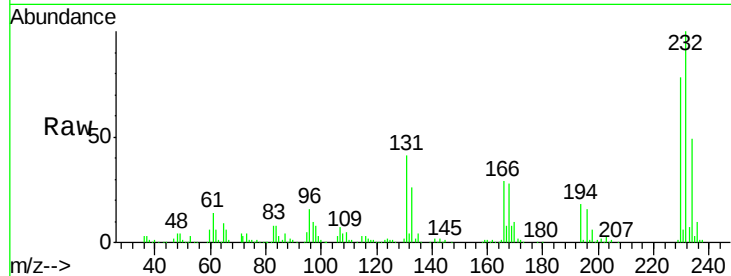
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.656 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	218383		
131	44.1	38.7	58.1	
130	1.9	1.9	2.9	
166	29.3	25.2	37.8	

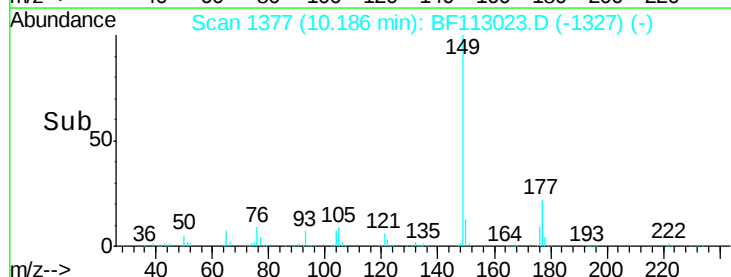
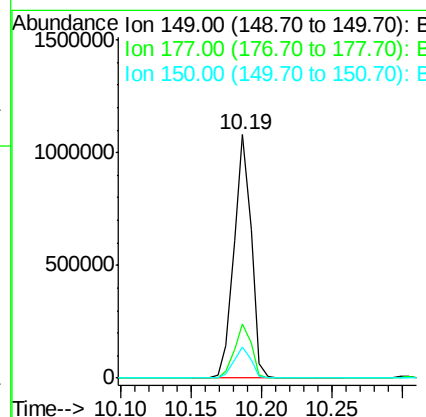
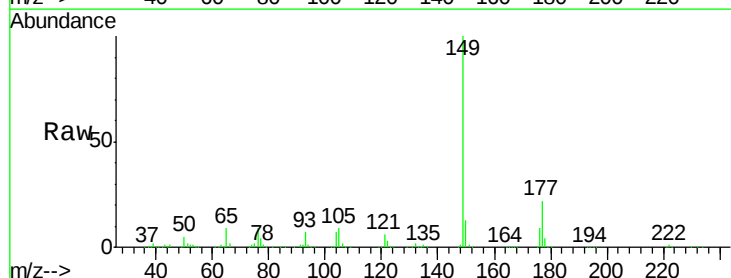
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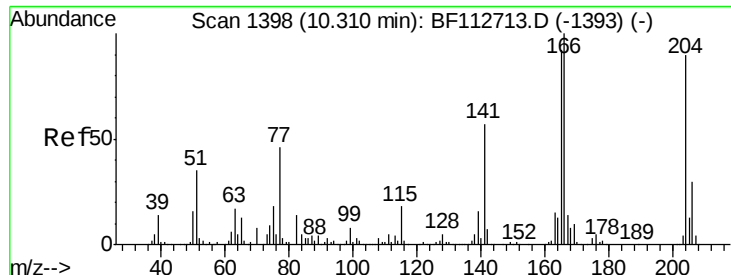
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#60
 Diethylphthalate
 Concen: 37.634 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	916114		
177	22.1	17.0	25.6	
150	13.0	10.0	15.0	





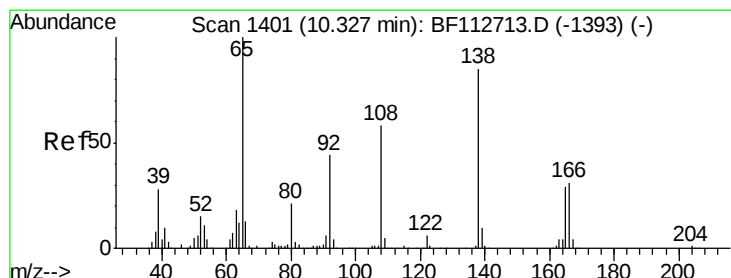
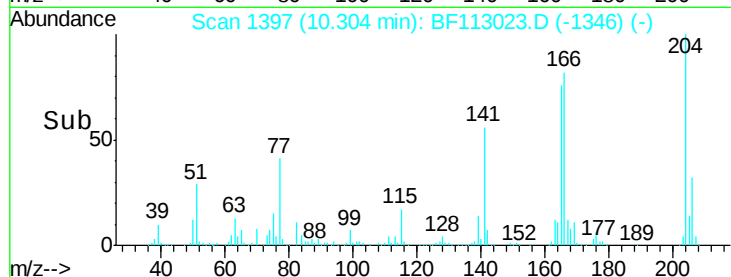
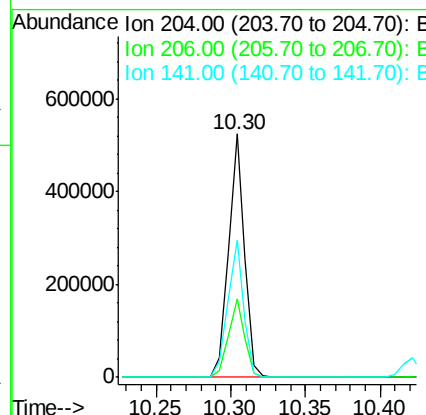
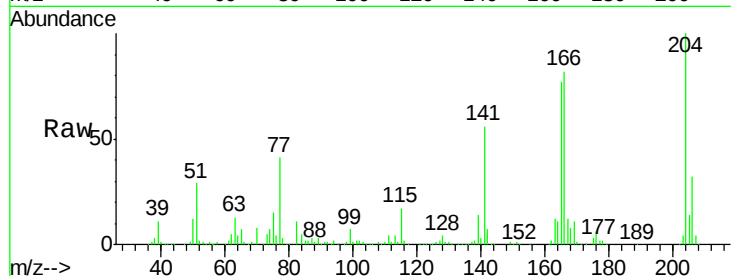
#61
4-Chlorophenyl-phenylether
Concen: 41.924 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	397695		
206	32.3	26.6	40.0	
141	56.4	50.8	76.2	

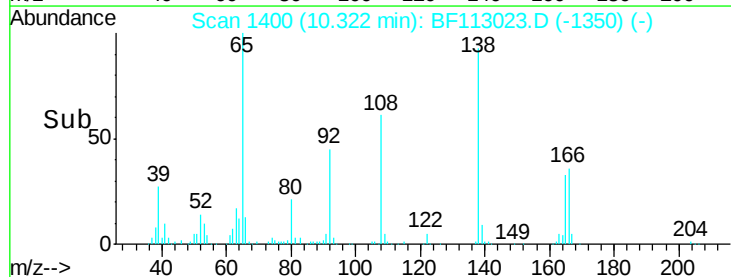
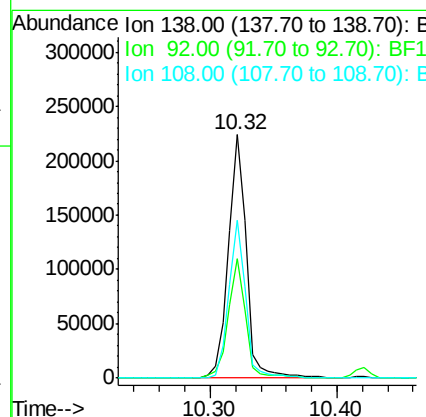
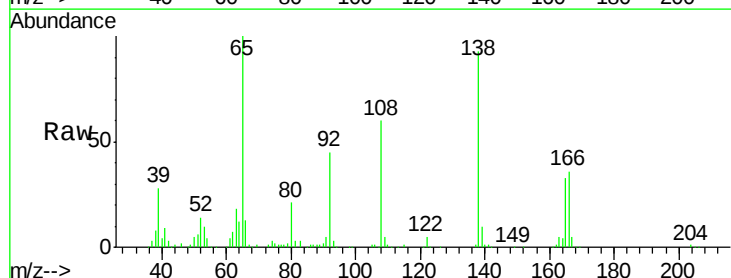
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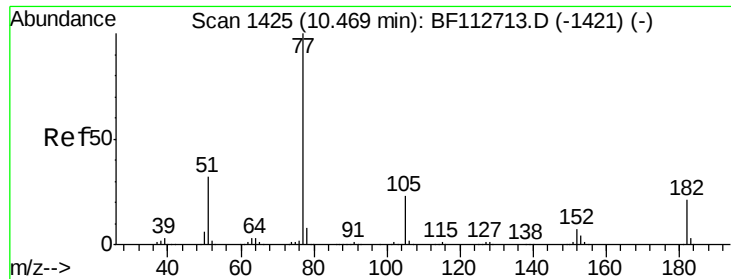
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#62
4-Nitroaniline
Concen: 40.549 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	219141		
92	48.8	31.3	71.3	
108	65.1	48.1	88.1	





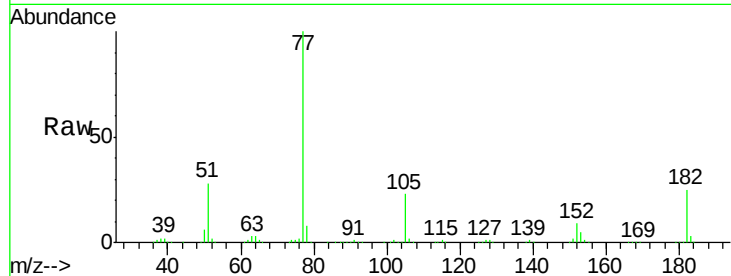
#63
Azobenzene
Concen: 33.420 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

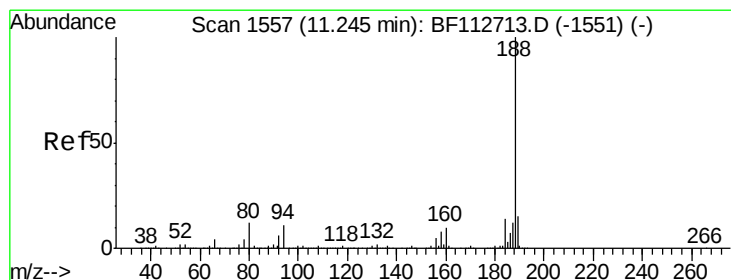
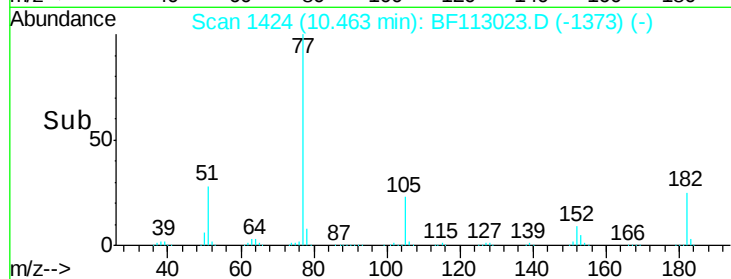
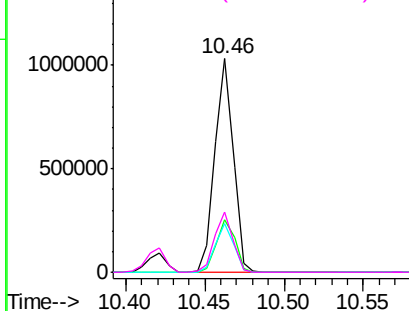
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.8	1.4	41.4	
105	23.0	2.6	42.6	
51	28.3	12.0	52.0	

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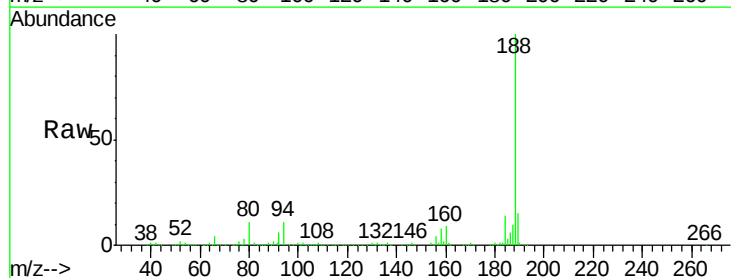


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

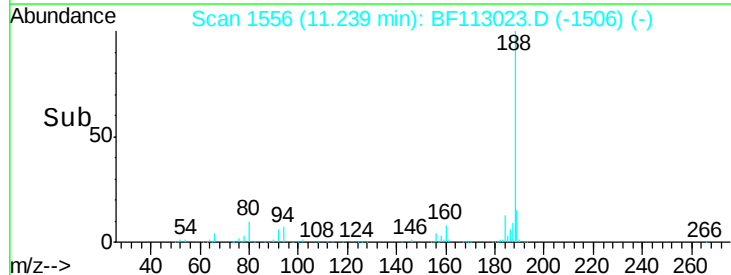
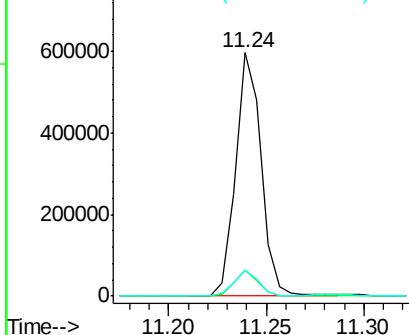


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	9.0	13.4	
80	10.5	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





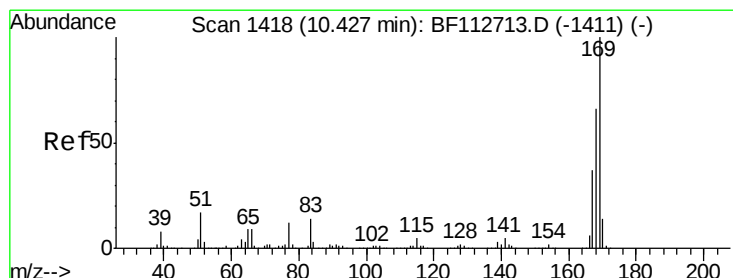
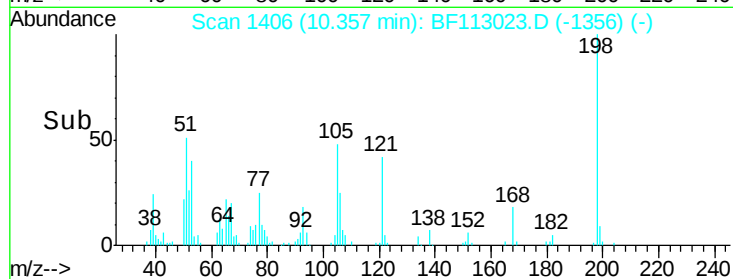
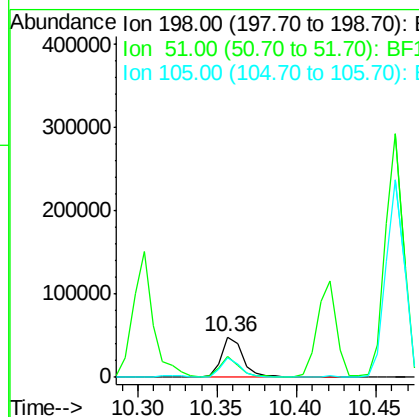
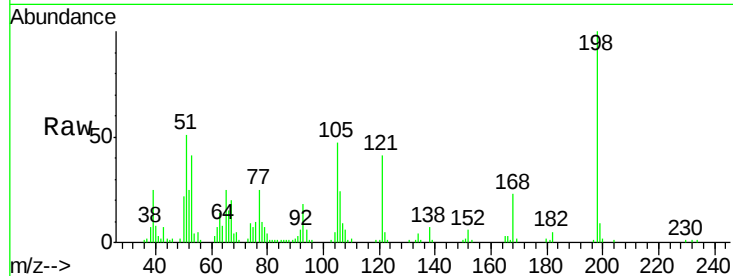
#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.704 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	198	Resp:	46943
Ion Ratio	Lower	Upper	
198	100		
51	51.0	43.8	83.8
105	47.1	36.5	76.5

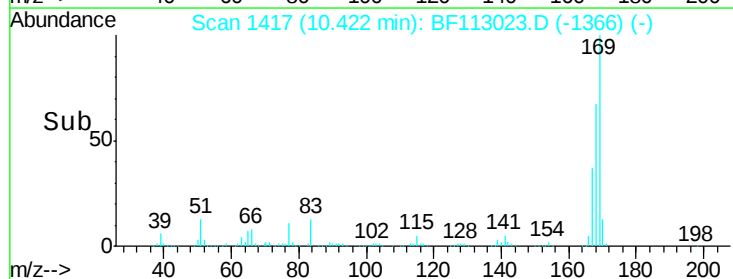
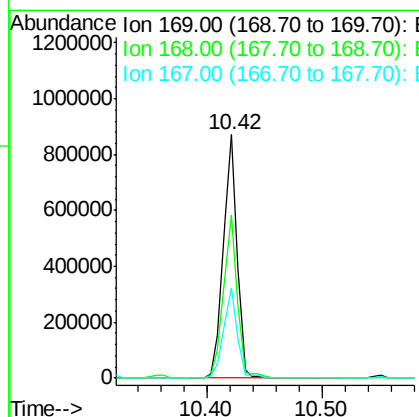
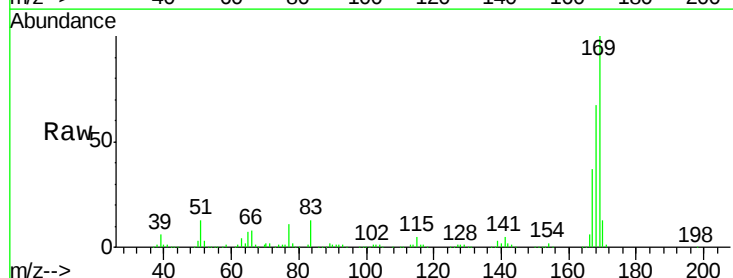
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#66
 n-Nitrosodiphenylamine
 Concen: 41.720 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion:	169	Resp:	723761
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.0	79.6
167	36.9	29.3	43.9





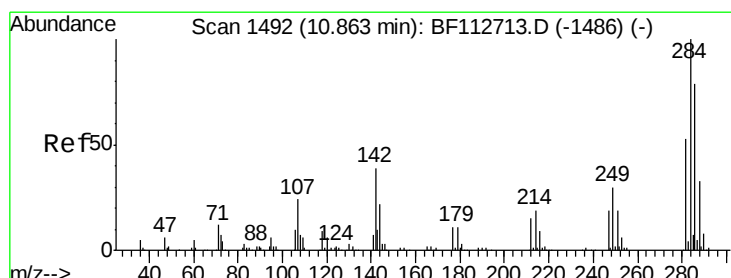
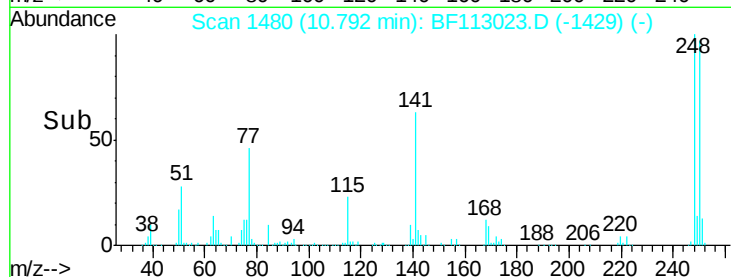
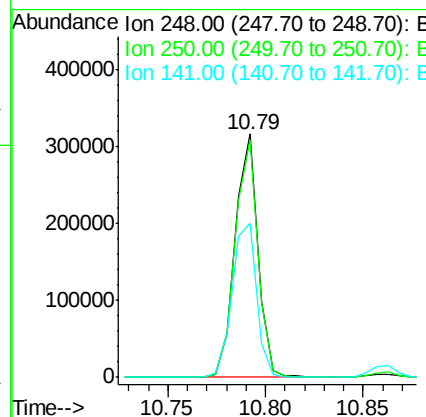
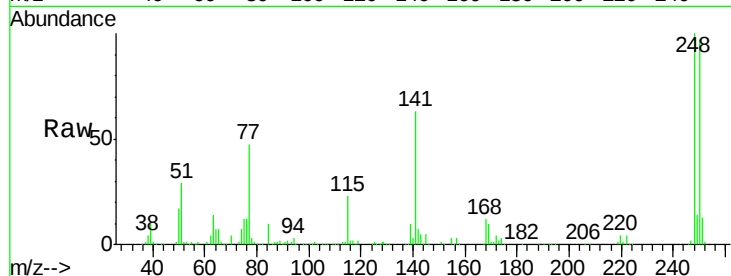
#67
4-Bromophenyl-phenylether
Concen: 45.042 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.5	116.3
141	63.2	62.4	93.6

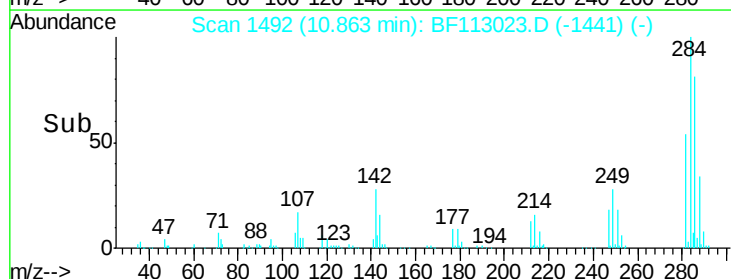
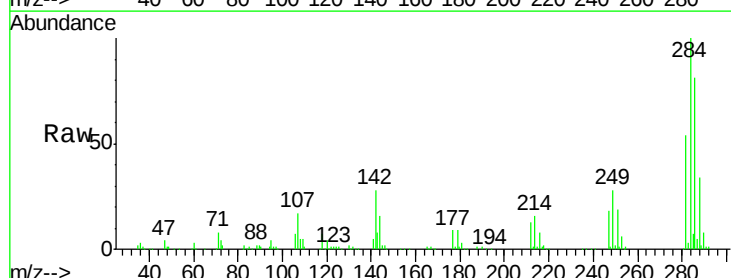
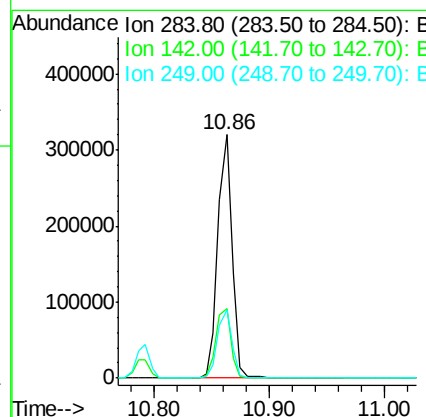
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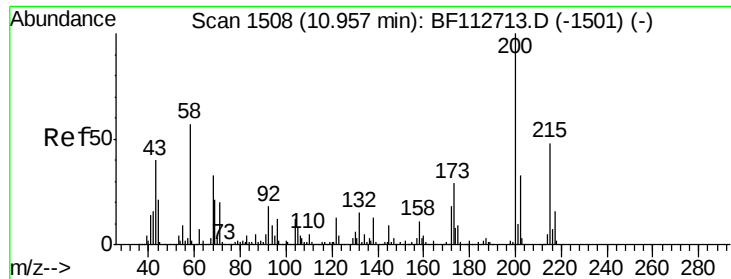
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#68
Hexachlorobenzene
Concen: 43.058 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	31.0	46.6#
249	28.2	23.6	35.4





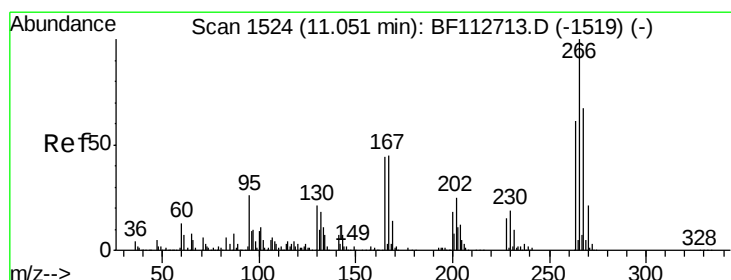
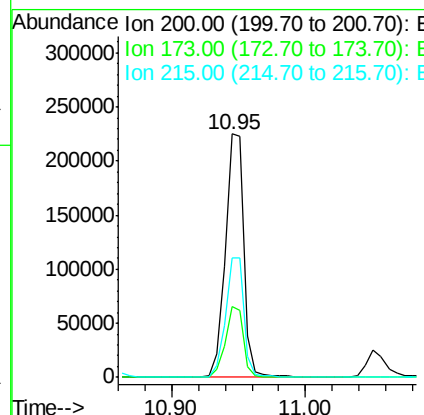
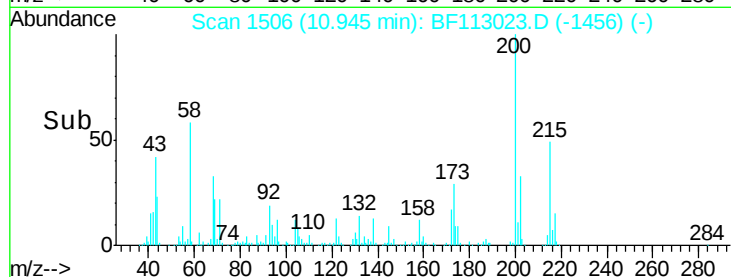
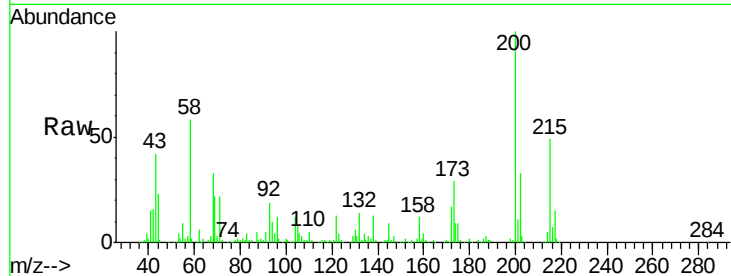
#69
Atrazine
Concen: 41.652 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	9.1	49.1
215	49.0	28.2	68.2

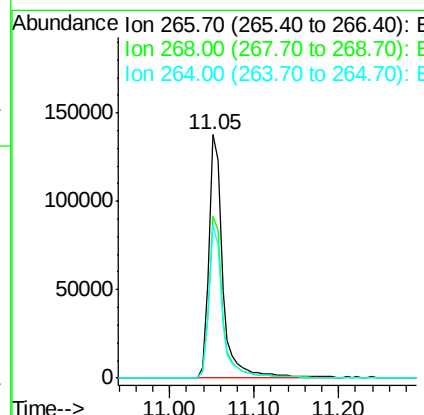
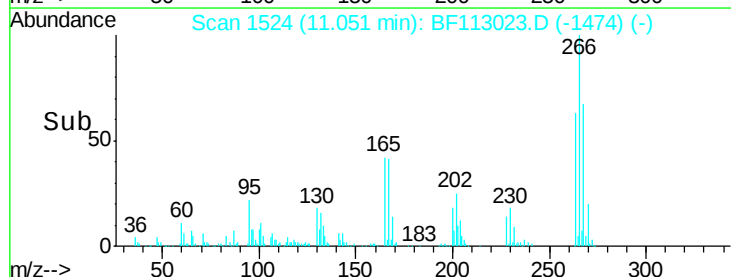
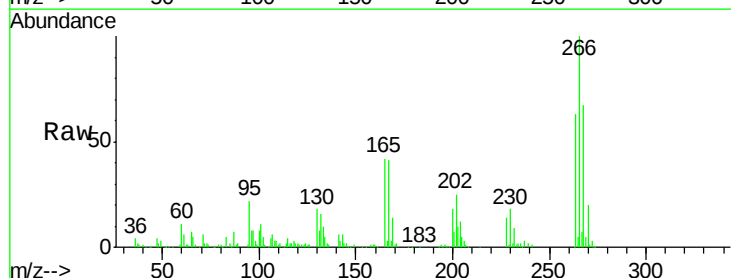
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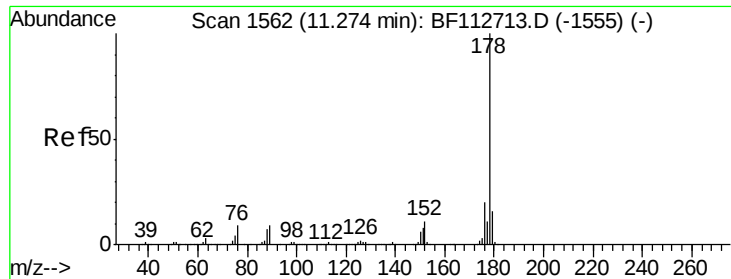
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#70
Pentachlorophenol
Concen: 42.101 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.6	53.3	79.9
264	62.6	48.9	73.3





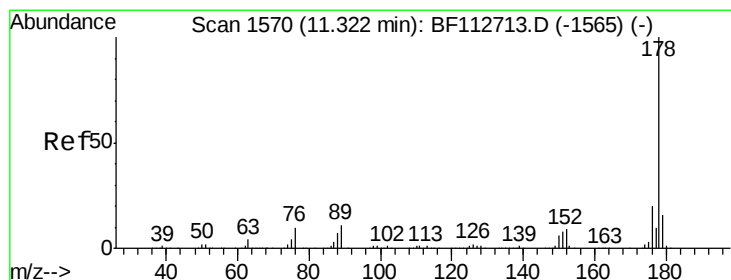
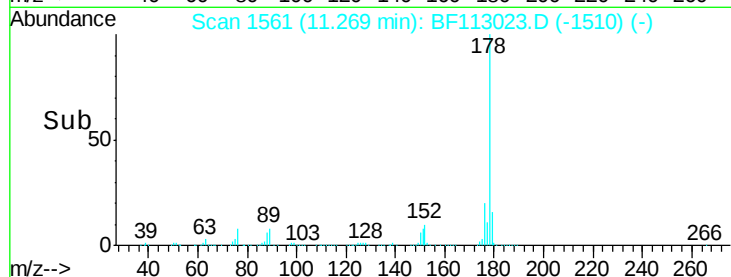
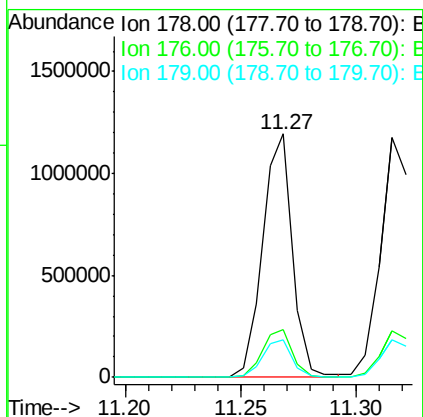
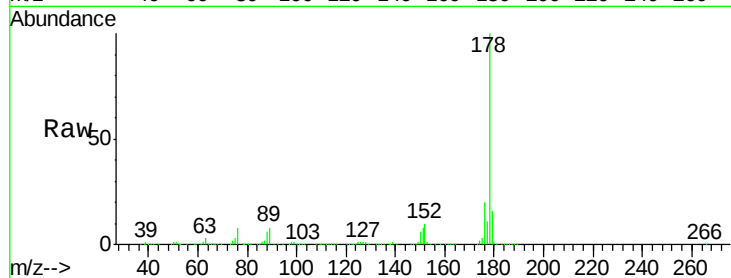
#71
Phenanthrene
Concen: 39.750 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1069822
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 15.5 12.7 19.1

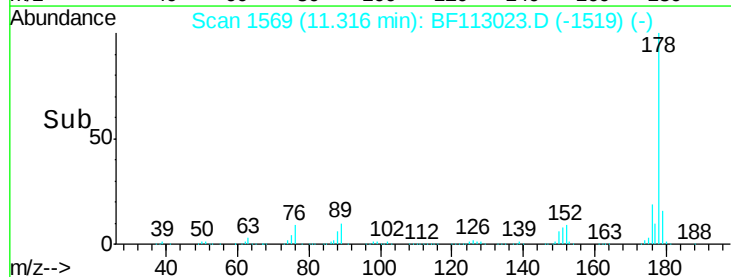
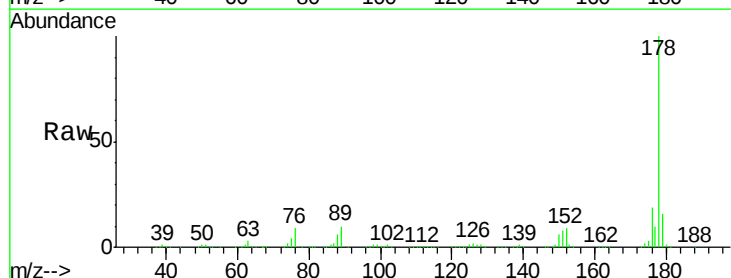
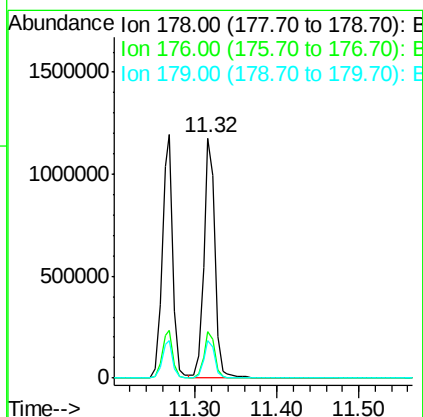
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#72
Anthracene
Concen: 39.538 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion:178 Resp: 1113887
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.7 13.0 19.6





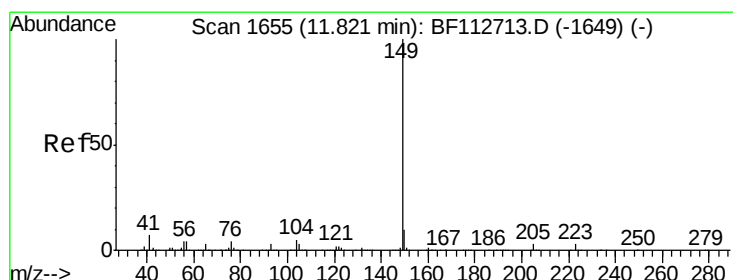
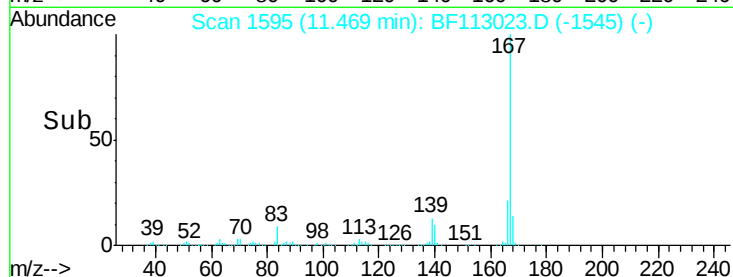
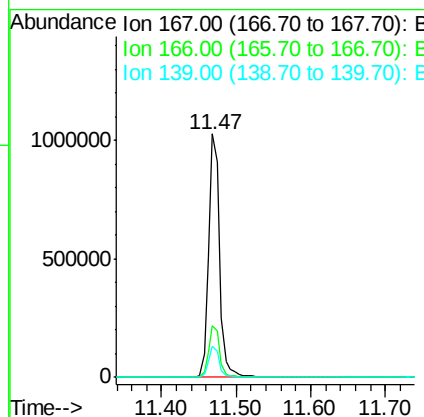
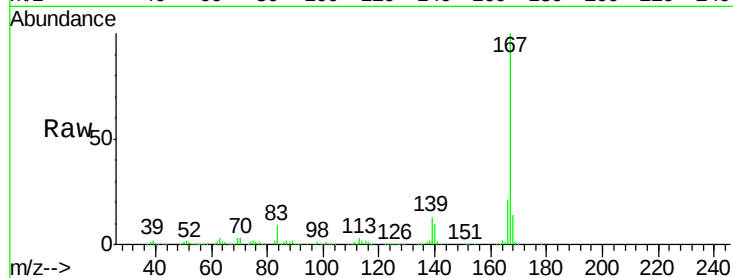
#73
 Carbazole
 Concen: 38.375 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion:167 Resp: 1054646
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 13.0 10.8 16.2

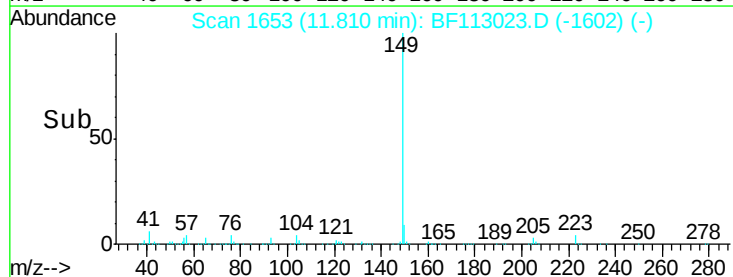
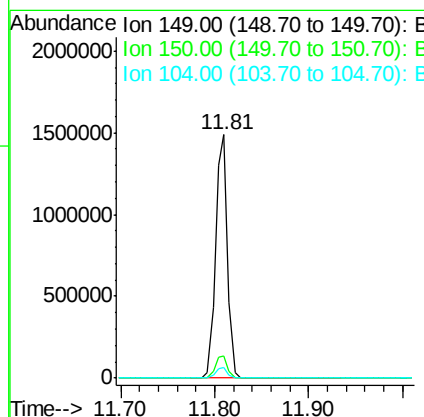
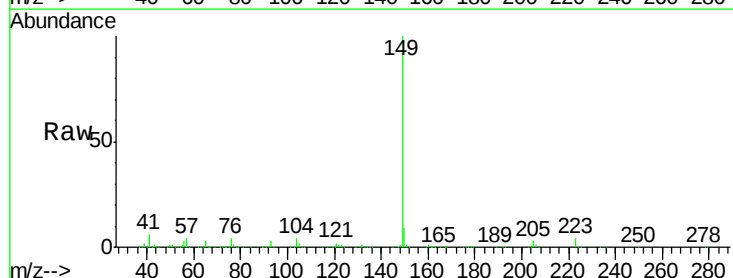
Manual Integrations
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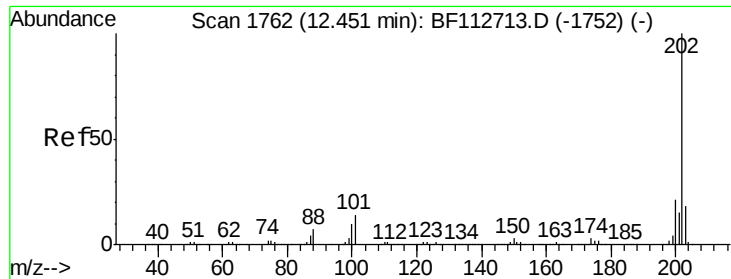
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#74
 Di-n-butylphthalate
 Concen: 40.434 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion:149 Resp: 1332424
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 40.622 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

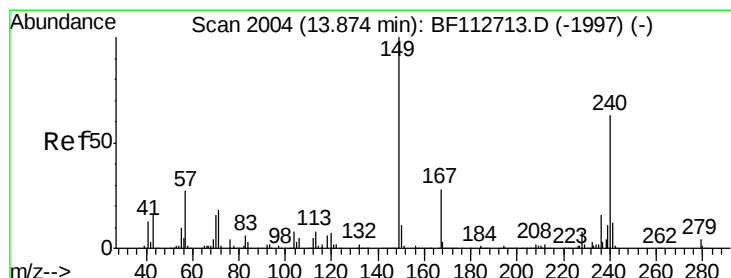
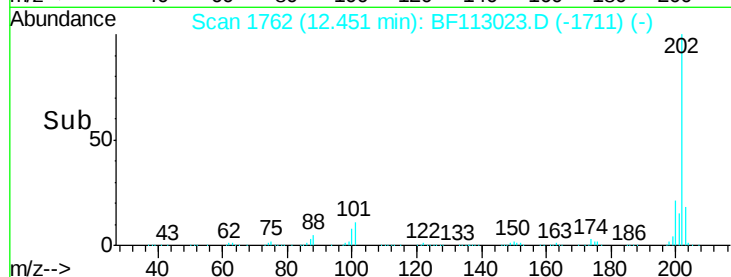
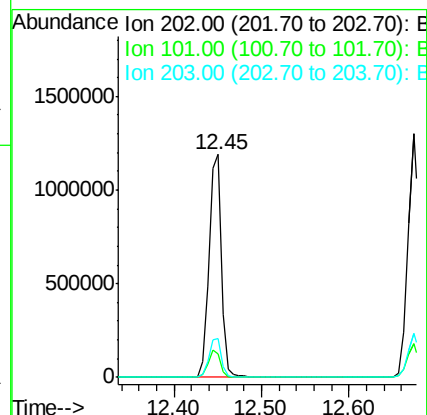
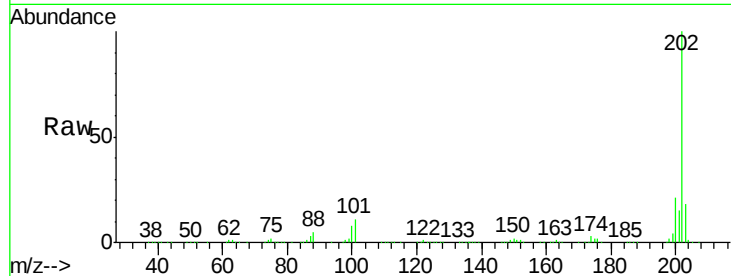
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1171324
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.8
203	17.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

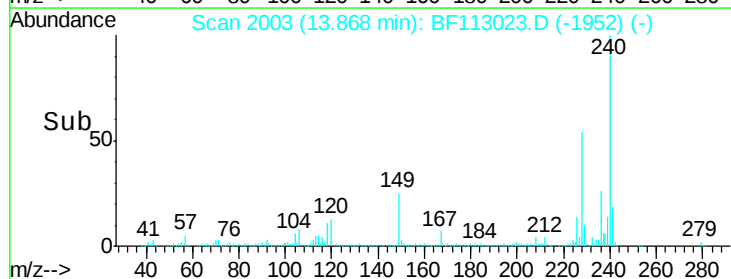
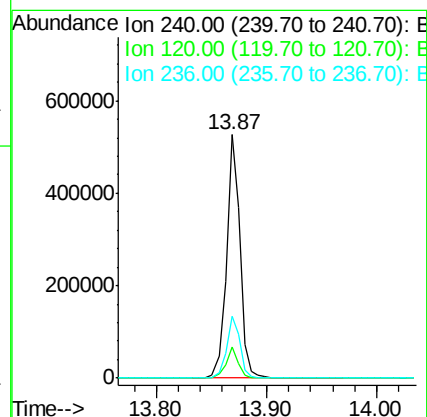
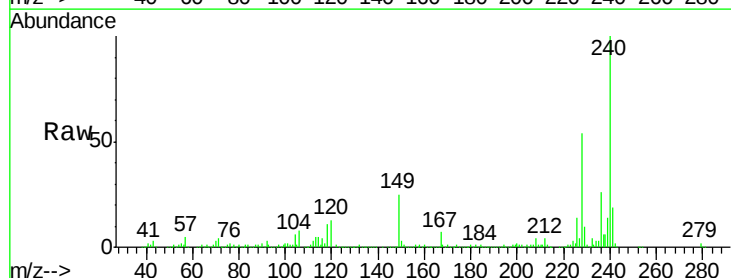
RT: 13.87 min Scan# 2003

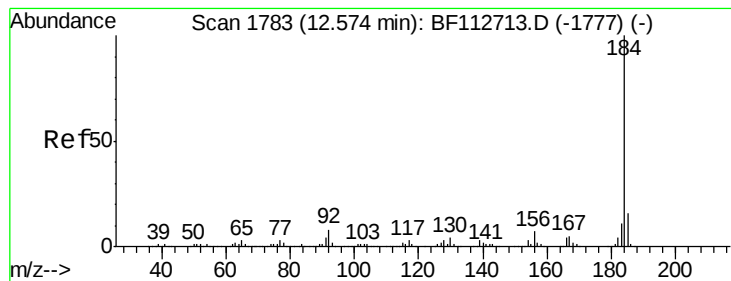
Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Tgt Ion:	240	Resp:	446912
Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.9	13.3
236	25.7	20.7	31.1





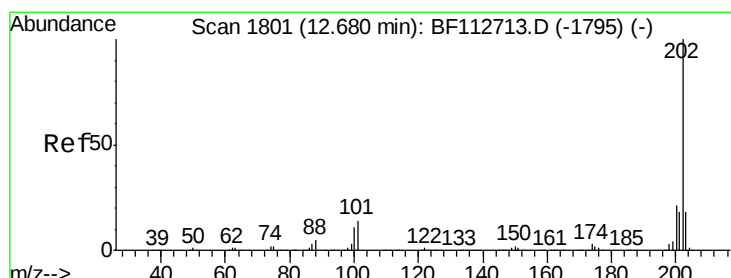
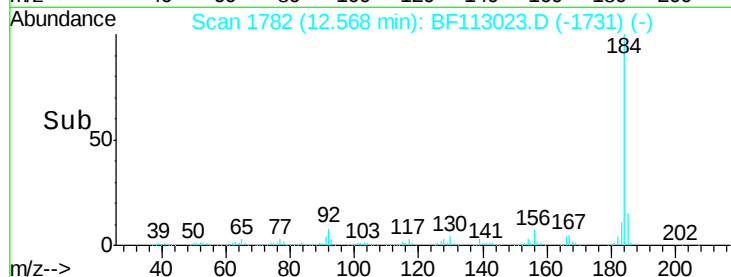
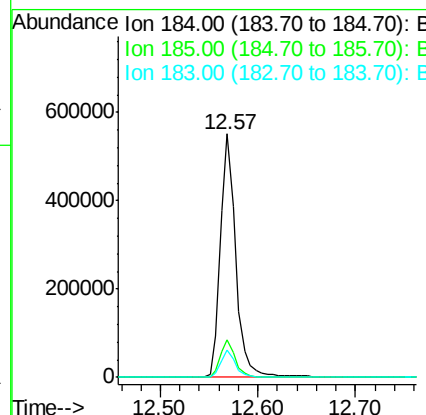
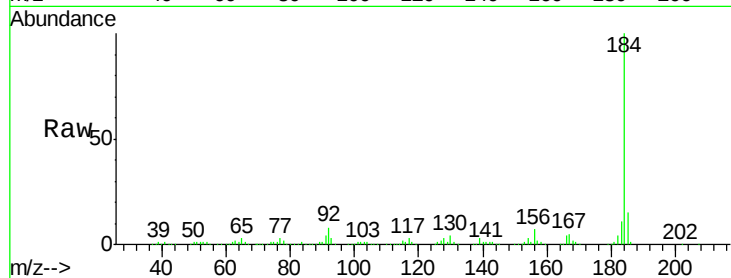
#77
Benzidine
Concen: 26.162 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	606617		
185	15.4		12.6	18.8
183	11.0		8.6	12.8

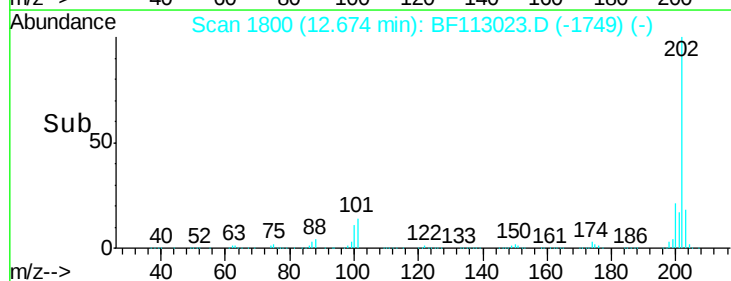
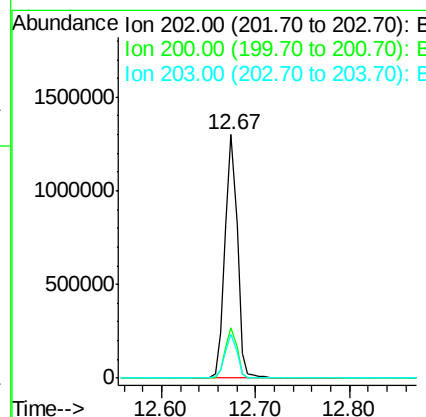
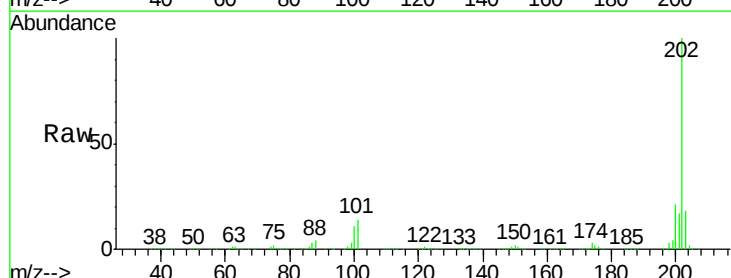
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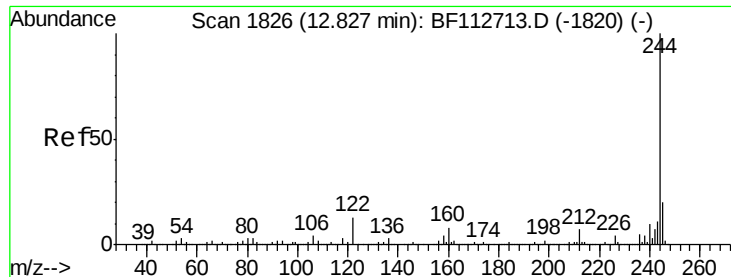
Sohil
3/13/2019 11:40:54 AM



#78
Pyrene
Concen: 31.996 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1205472		
200	20.8		17.0	25.4
203	18.2		14.4	21.6





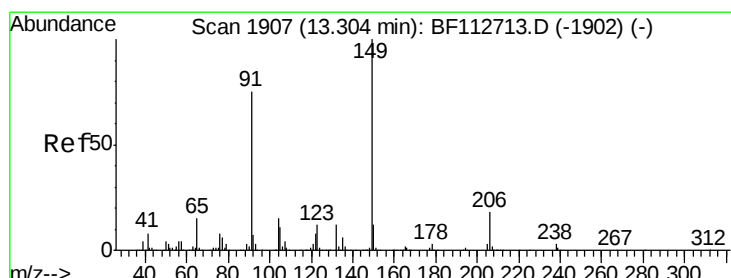
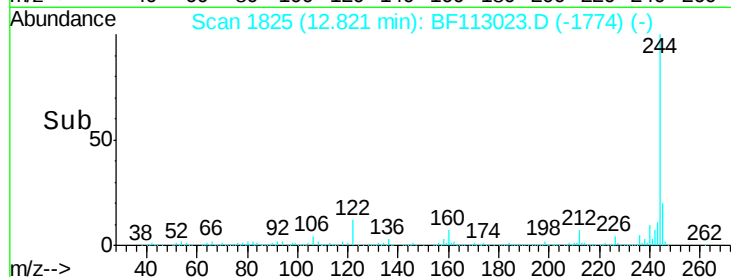
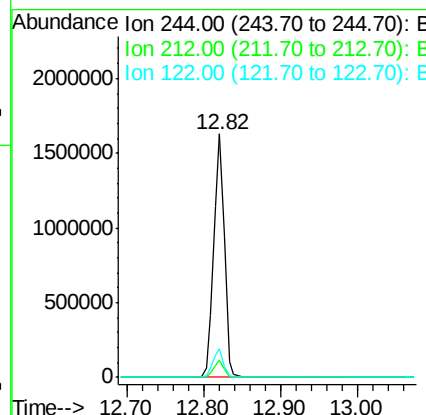
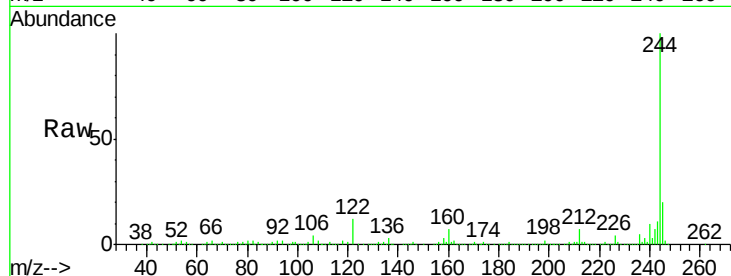
#79
 Terphenyl-d14
 Concen: 66.913 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	10.5	15.7

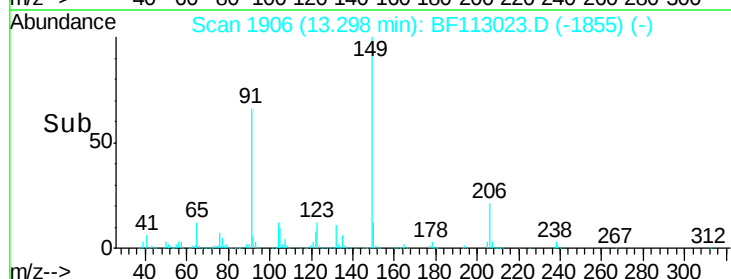
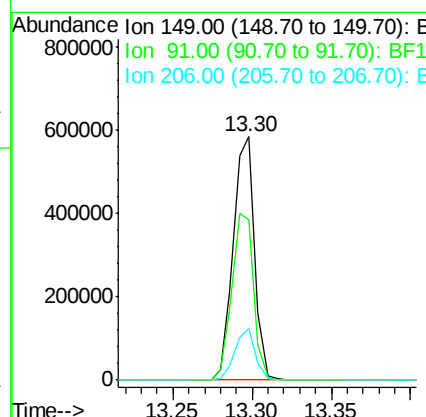
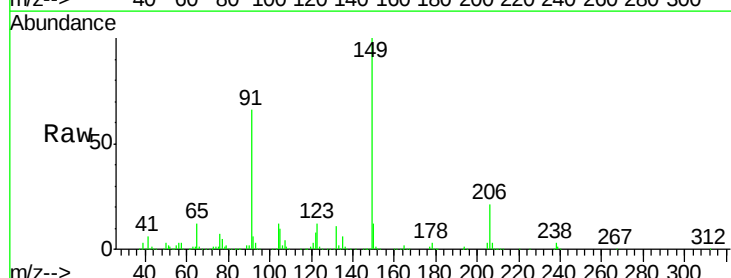
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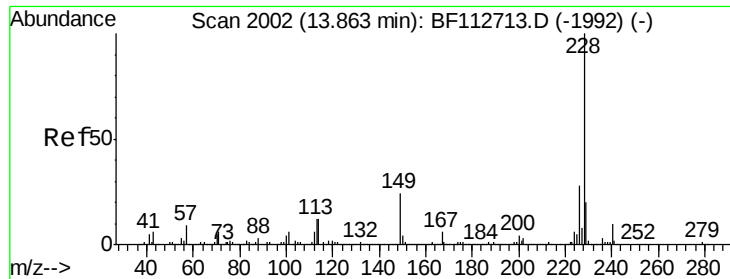
Sohil
 3/13/2019 11:40:54 AM



#80
 Butylbenzylphthalate
 Concen: 32.839 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF113023.D
 Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.0	59.9	89.9
206	21.3	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.552 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1039255

Ion Ratio Lower Upper

228 100

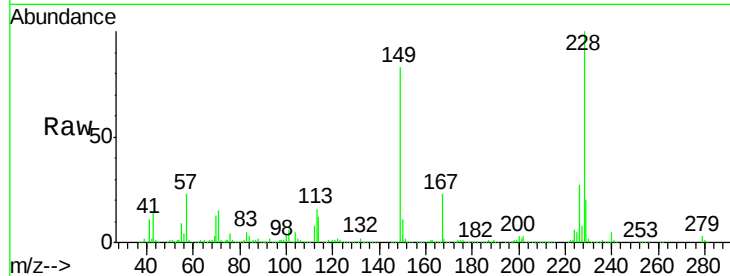
226 26.8 22.2 33.4

229 20.4 16.0 24.0

Manual Integrations
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Sohil

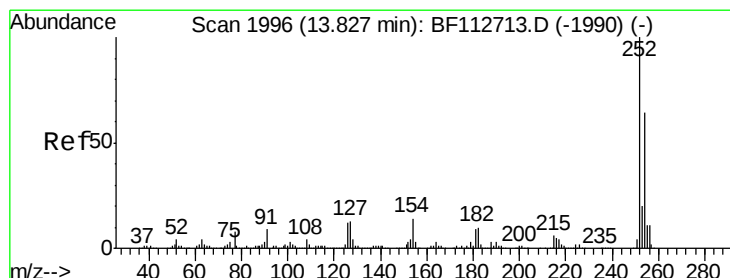
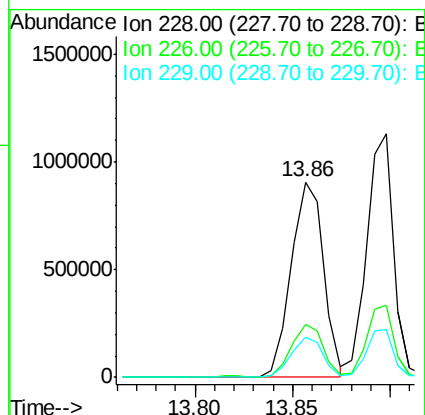
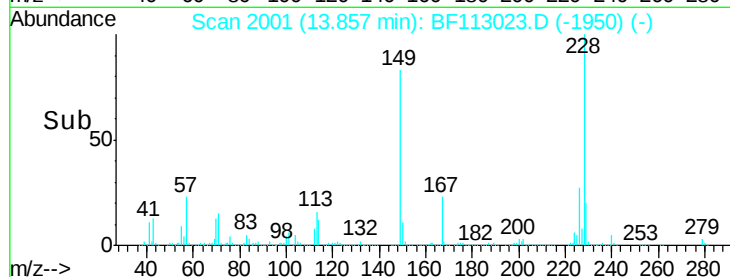
3/13/2019 11:40:54 AM



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: 39.650 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113023.D

Acq: 13 Mar 2019 1:45

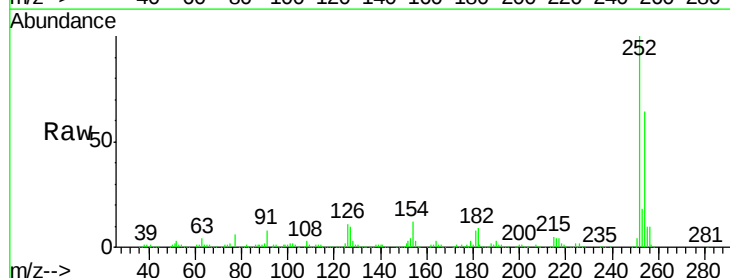
Tgt Ion:252 Resp: 464478

Ion Ratio Lower Upper

252 100

254 63.7 51.1 76.7

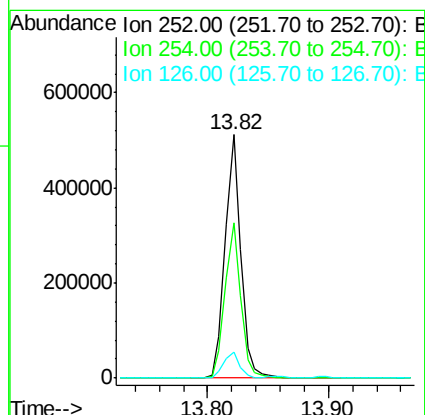
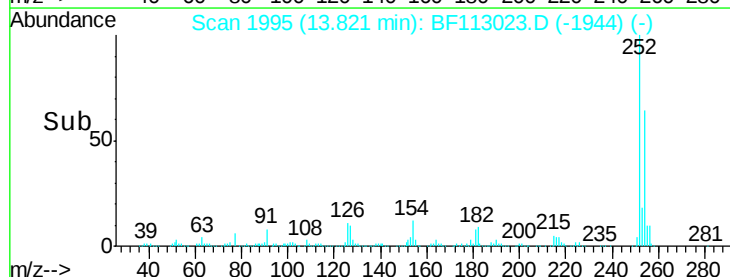
126 10.5 9.9 14.9

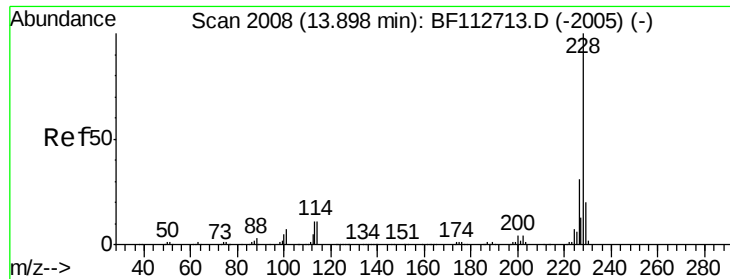


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





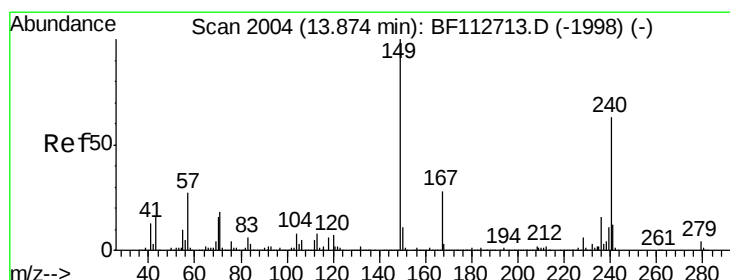
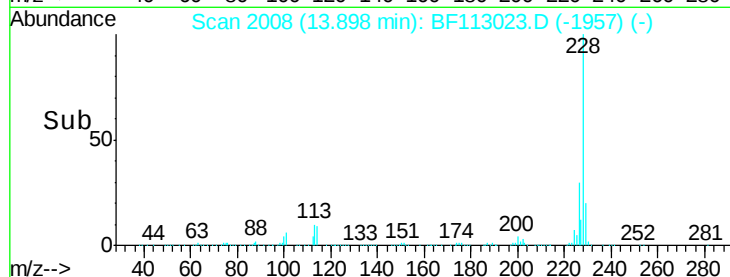
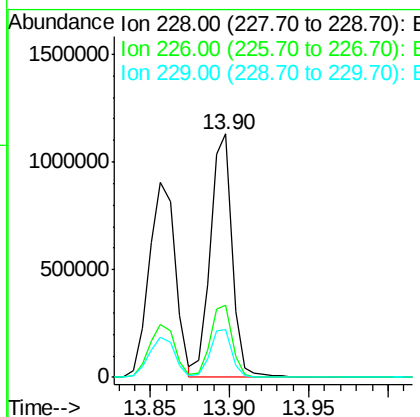
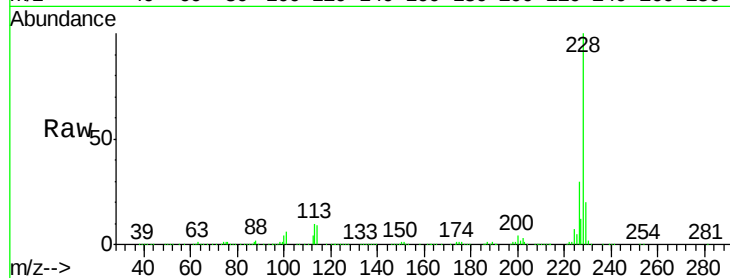
#83
Chrysene
Concen: 35.620 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:228 Resp: 1080711
Ion Ratio Lower Upper
228 100
226 29.6 24.9 37.3
229 19.5 16.3 24.5

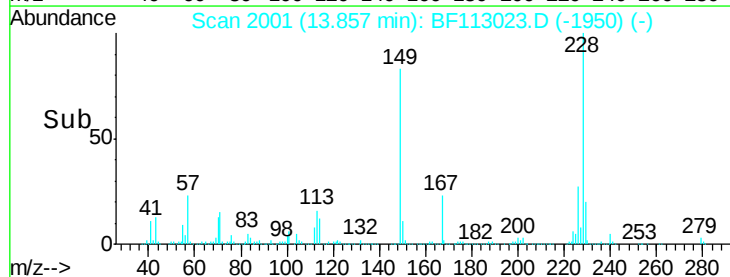
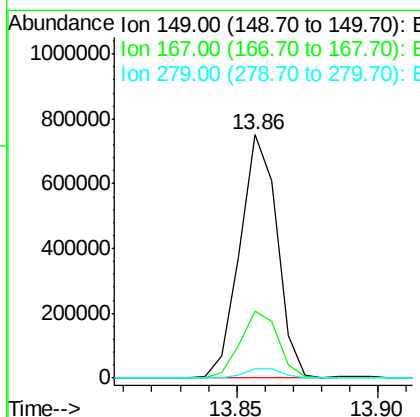
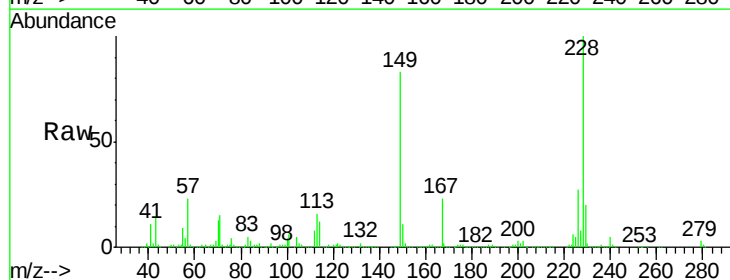
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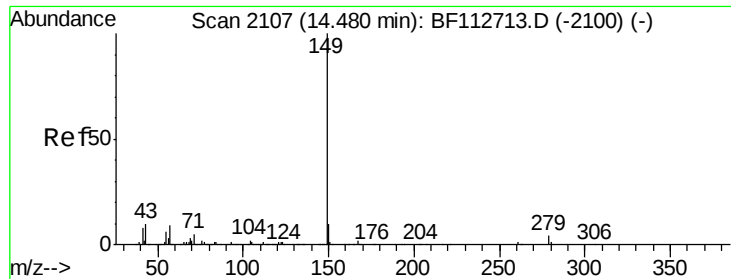
Sohil
3/13/2019 11:40:54 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.306 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion:149 Resp: 688685
Ion Ratio Lower Upper
149 100
167 27.7 22.4 33.6
279 3.7 3.3 4.9





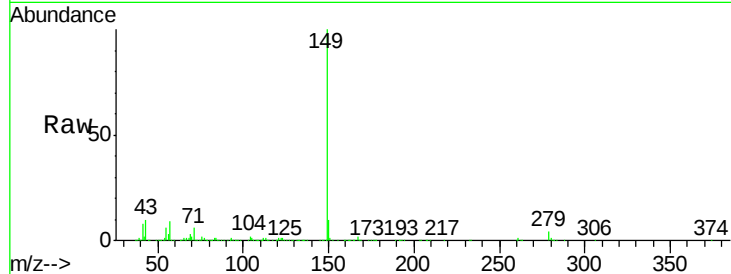
#85
Di-n-octyl phthalate
Concen: 40.420 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

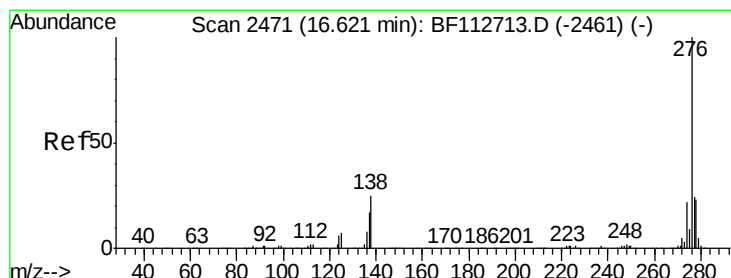
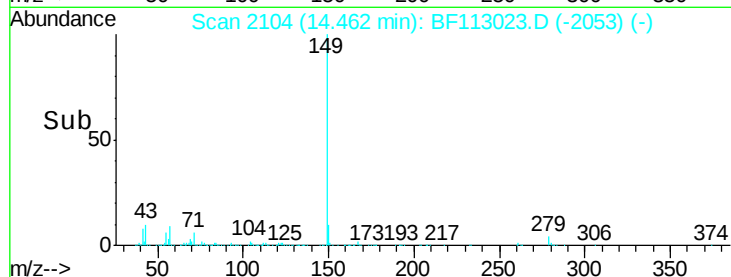
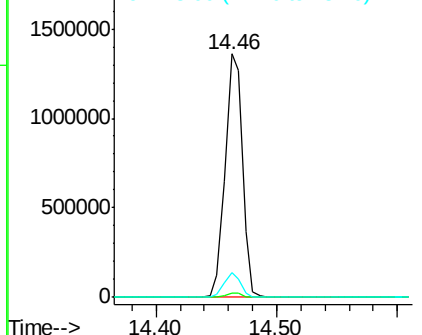
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	9.0	13.4

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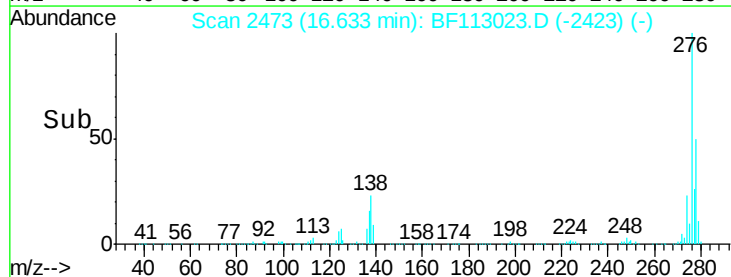
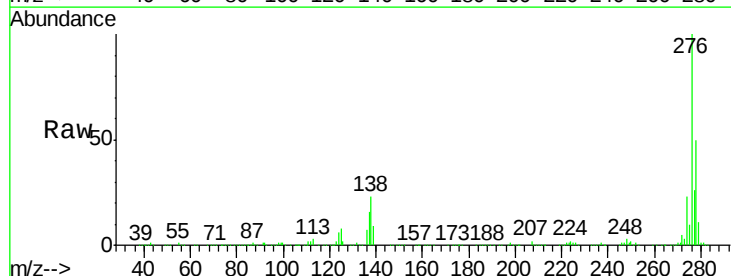
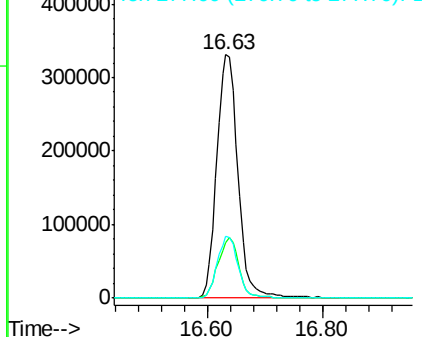
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

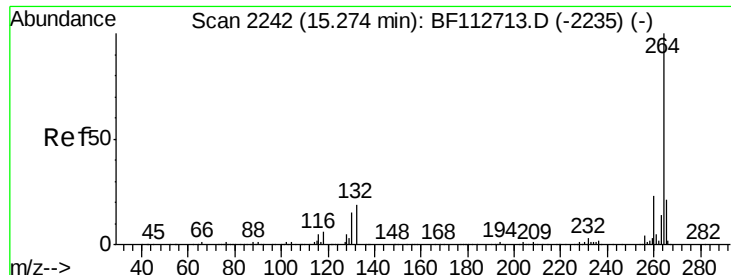


#86
Indeno(1,2,3-cd)pyrene
Concen: 32.676 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.2	34.8
277	25.1	19.9	29.9

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





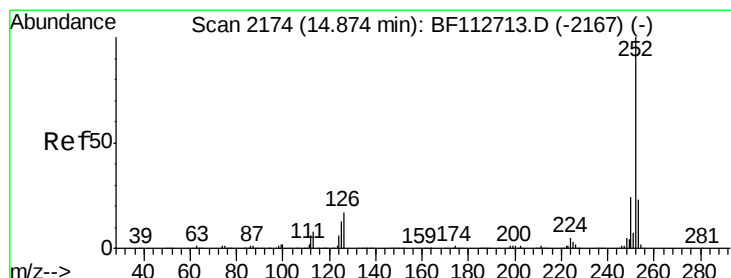
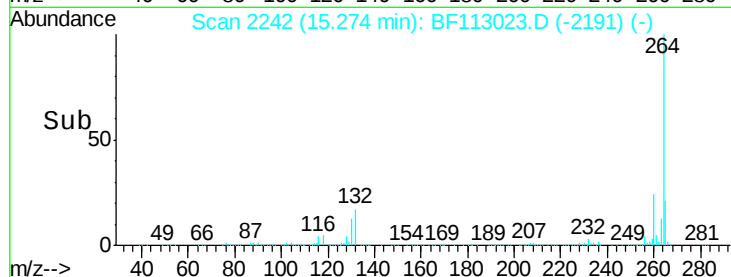
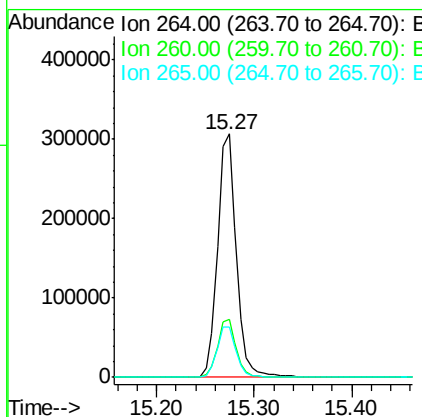
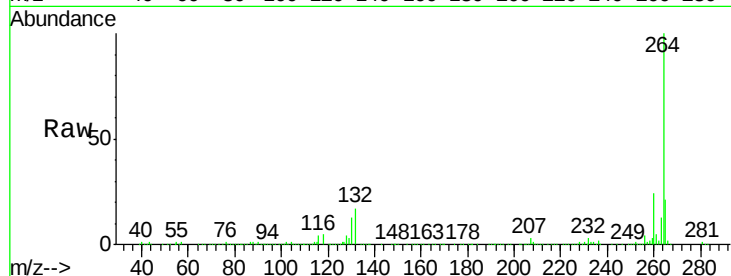
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.7	17.2	25.8

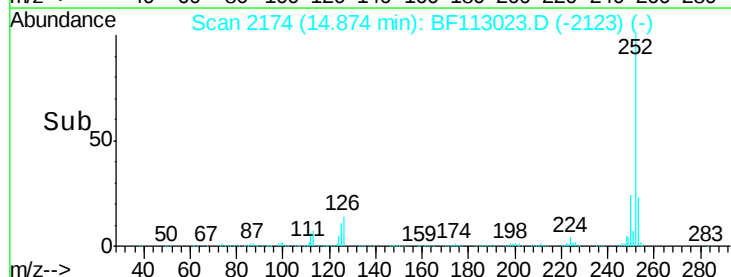
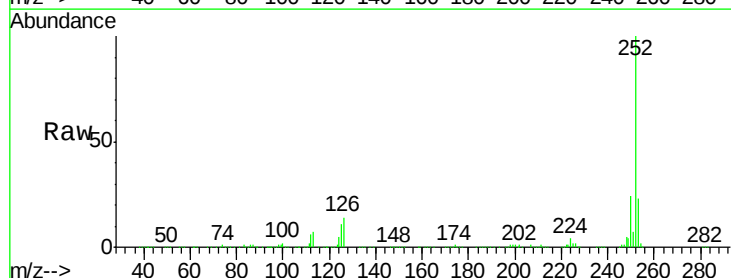
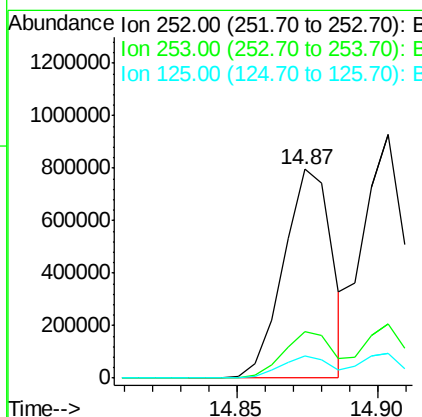
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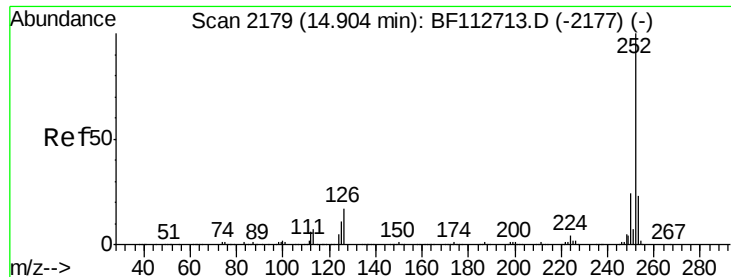
Sohil
3/13/2019 11:40:54 AM



#88
Benzo(b)fluoranthene
Concen: 35.829 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.7	10.2	15.2





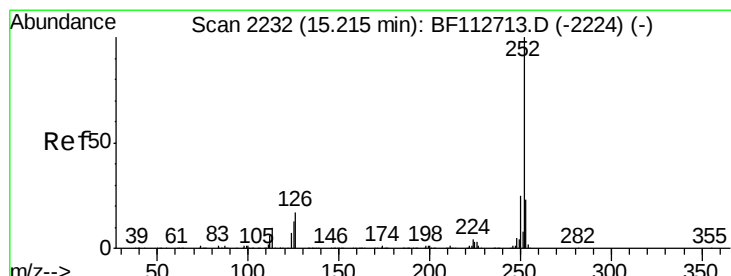
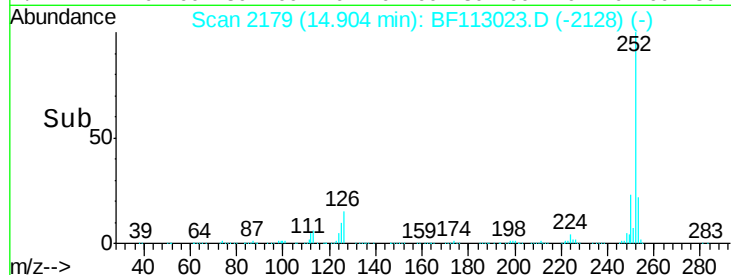
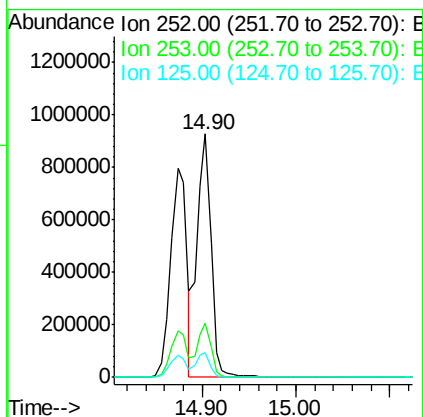
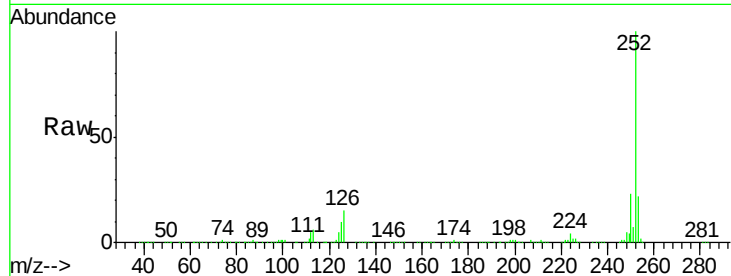
#89
Benzo(k)fluoranthene
Concen: 39.946 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.1	9.8	14.6

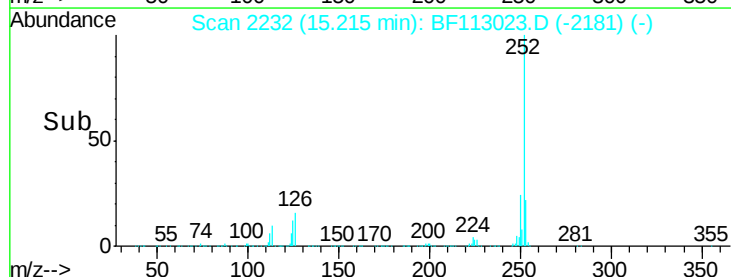
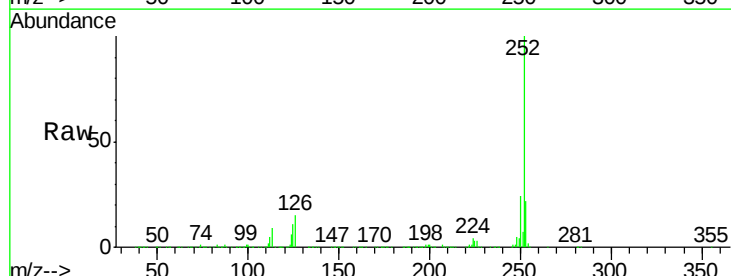
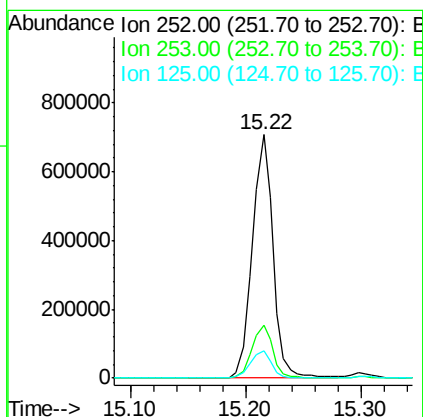
Manual Integrations
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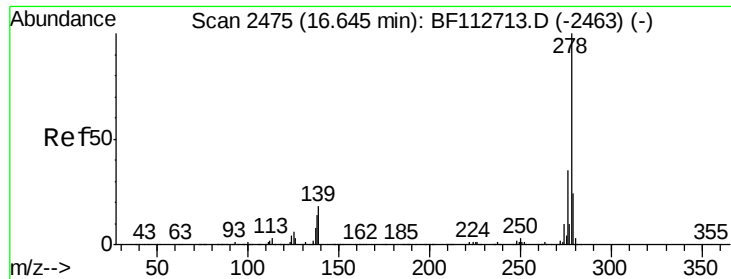
Sohil
3/13/2019 11:40:54 AM



#90
Benzo(a)pyrene
Concen: 37.741 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.4	10.7	16.1





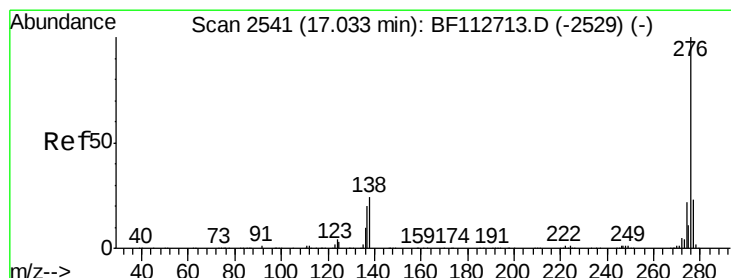
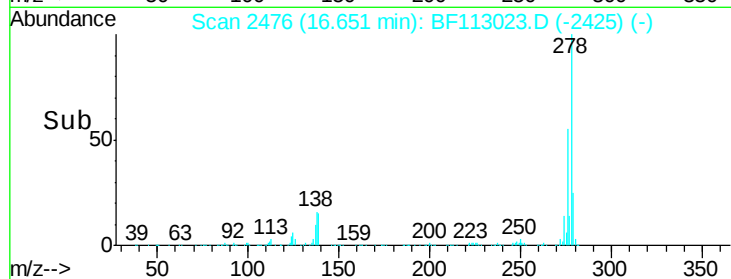
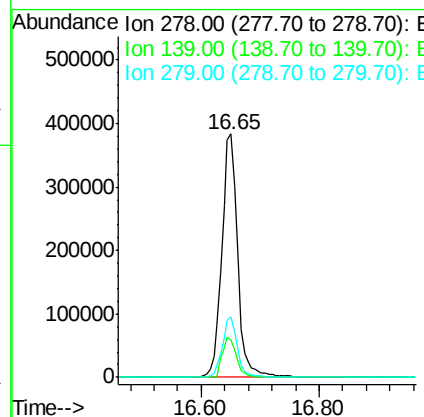
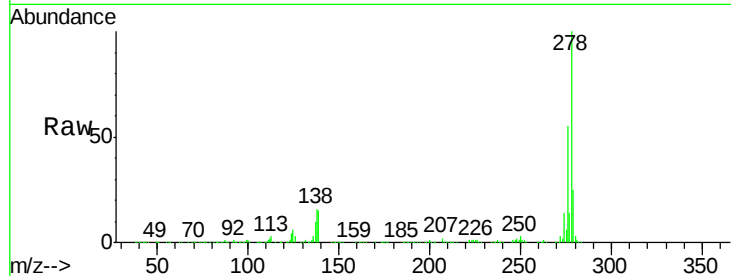
#91
Dibenzo(a,h)anthracene
Concen: 35.663 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.3	21.5
279	24.7	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/13/2019 11:40:54 AM



#92
Benzo(g,h,i)perylene
Concen: 33.511 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113023.D
Acq: 13 Mar 2019 1:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	21.2	19.4	29.0

