

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112979.D
 Acq On : 12 Mar 2019 2:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:29:08 PM

Quant Time: Mar 12 07:18:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121517	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	492390	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	263743	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	567134	20.00	ng	0.00
76) Chrysene-d12	13.87	240	384201	20.00	ng	0.00
87) Perylene-d12	15.27	264	353319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	600929	76.93	ng	-0.01
7) Phenol-d6	6.37	99	753936	76.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	670007	81.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	280408	100.15	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1286351	79.42	ng	0.00
79) Terphenyl-d14	12.82	244	1566665	79.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	140704	35.932	ng	98
3) Pyridine	3.06	79	352073	33.607	ng	99
4) n-Nitrosodimethylamine	2.99	42	152420m	33.259	ng	
6) Aniline	6.39	93	490761	36.333	ng	100
8) 2-Chlorophenol	6.52	128	342902	39.432	ng	97
9) Benzaldehyde	6.27	77	222012	31.399	ng	100
10) Phenol	6.38	94	431467	37.679	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	315498	35.896	ng	94
12) 1,3-Dichlorobenzene	6.67	146	361019	40.188	ng	96
13) 1,4-Dichlorobenzene	6.75	146	366683	40.703	ng	97
14) 1,2-Dichlorobenzene	6.90	146	346310	41.934	ng	98
15) Benzyl Alcohol	6.87	79	281553	37.627	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	519904	35.445	ng	98
17) 2-Methylphenol	6.99	107	265170	37.588	ng	97
18) Hexachloroethane	7.25	117	118483	34.334	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	222209	35.754	ng	99
20) 3+4-Methylphenols	7.15	107	324933	40.797	ng	98
22) Acetophenone	7.14	105	468656	40.705	ng	# 93
24) Nitrobenzene	7.31	77	353033	38.547	ng	99
25) Isophorone	7.56	82	635852	35.868	ng	97
26) 2-Nitrophenol	7.63	139	172371	45.212	ng	94
27) 2,4-Dimethylphenol	7.67	122	266855	37.623	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	408760	36.880	ng	98
29) 2,4-Dichlorophenol	7.87	162	293824	42.718	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	312556	42.291	ng	98
31) Naphthalene	8.04	128	985880	40.329	ng	99
32) Benzoic acid	7.79	122	207897	41.820	ng	89
33) 4-Chloroaniline	8.09	127	422519	40.807	ng	99
34) Hexachlorobutadiene	8.16	225	186611	44.772	ng	99
35) Caprolactam	8.45	113	103937	42.904	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	314109	41.265	ng	98
37) 2-Methylnaphthalene	8.73	142	657665	41.659	ng	99
38) 1-Methylnaphthalene	8.83	142	639934	41.846	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	319677	41.565	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	33802	8.026	nq	100
43) 2,4,6-Trichlorophenol	9.01	196	211060	39.874	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	238202	41.634	nq	95
46) 1,1'-Biphenyl	9.19	154	841592	39.121	nq	99
47) 2-Chloronaphthalene	9.22	162	644309	38.357	nq	98
48) 2-Nitroaniline	9.31	65	217631	42.625	nq	89
49) Acenaphthylene	9.63	152	1103587	38.700	nq	99
50) Dimethylphthalate	9.49	163	754900	38.818	nq	99
51) 2,6-Dinitrotoluene	9.55	165	172697	42.645	nq #	77
52) Acenaphthene	9.80	154	627373	37.621	nq	99
53) 3-Nitroaniline	9.72	138	217251	44.026	nq	97
54) 2,4-Dinitrophenol	9.83	184	12950	13.640	nq	97
55) Dibenzofuran	9.97	168	974254	40.197	nq	97
56) 4-Nitrophenol	9.88	139	168323	41.971	nq	93
57) 2,4-Dinitrotoluene	9.95	165	241719	48.019	nq	87
58) Fluorene	10.31	166	732502	42.581	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	208804	43.805	nq	95
60) Diethylphthalate	10.19	149	785975	38.267	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	358133	44.746	nq	94
62) 4-Nitroaniline	10.32	138	229026	50.227	nq	98
63) Azobenzene	10.46	77	781324	37.139	nq	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	22219	13.231	nq	92
66) n-Nitrosodiphenylamine	10.42	169	678972	37.330	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	247384	41.413	nq	92
68) Hexachlorobenzene	10.86	284	284355	42.228	nq #	91
69) Atrazine	10.95	200	215337	38.656	nq	98
70) Pentachlorophenol	11.06	266	152665	38.519	nq	99
71) Phenanthrene	11.27	178	1130327	40.058	nq	99
72) Anthracene	11.32	178	1181337	39.995	nq	99
73) Carbazole	11.47	167	1122049	38.941	nq	99
74) Di-n-butylphthalate	11.81	149	1393942	40.347	nq	100
75) Fluoranthene	12.45	202	1161341	38.415	nq	96
77) Benzidine	12.57	184	620345	31.121	nq	99
78) Pyrene	12.67	202	1158535	35.769	nq	99
80) Butylbenzylphthalate	13.30	149	540475	37.804	nq	91
81) Benzo(a)anthracene	13.86	228	901237	33.846	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	398157	39.536	nq	99
83) Chrysene	13.90	228	954922	36.611	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	686309	40.927	nq	99
85) Di-n-octyl phthalate	14.47	149	1204788	41.840	nq	96
86) Indeno(1,2,3-cd)pyrene	16.64	276	731509	32.897	nq	95
88) Benzo(b)fluoranthene	14.87	252	944531	41.329	nq	98
89) Benzo(k)fluoranthene	14.90	252	799569	38.625	nq	98
90) Benzo(a)pyrene	15.22	252	782388	38.704	nq	98
91) Dibenzo(a,h)anthracene	16.65	278	624854	36.225	nq	97
92) Benzo(g,h,i)perylene	17.04	276	559054	32.277	nq	96

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

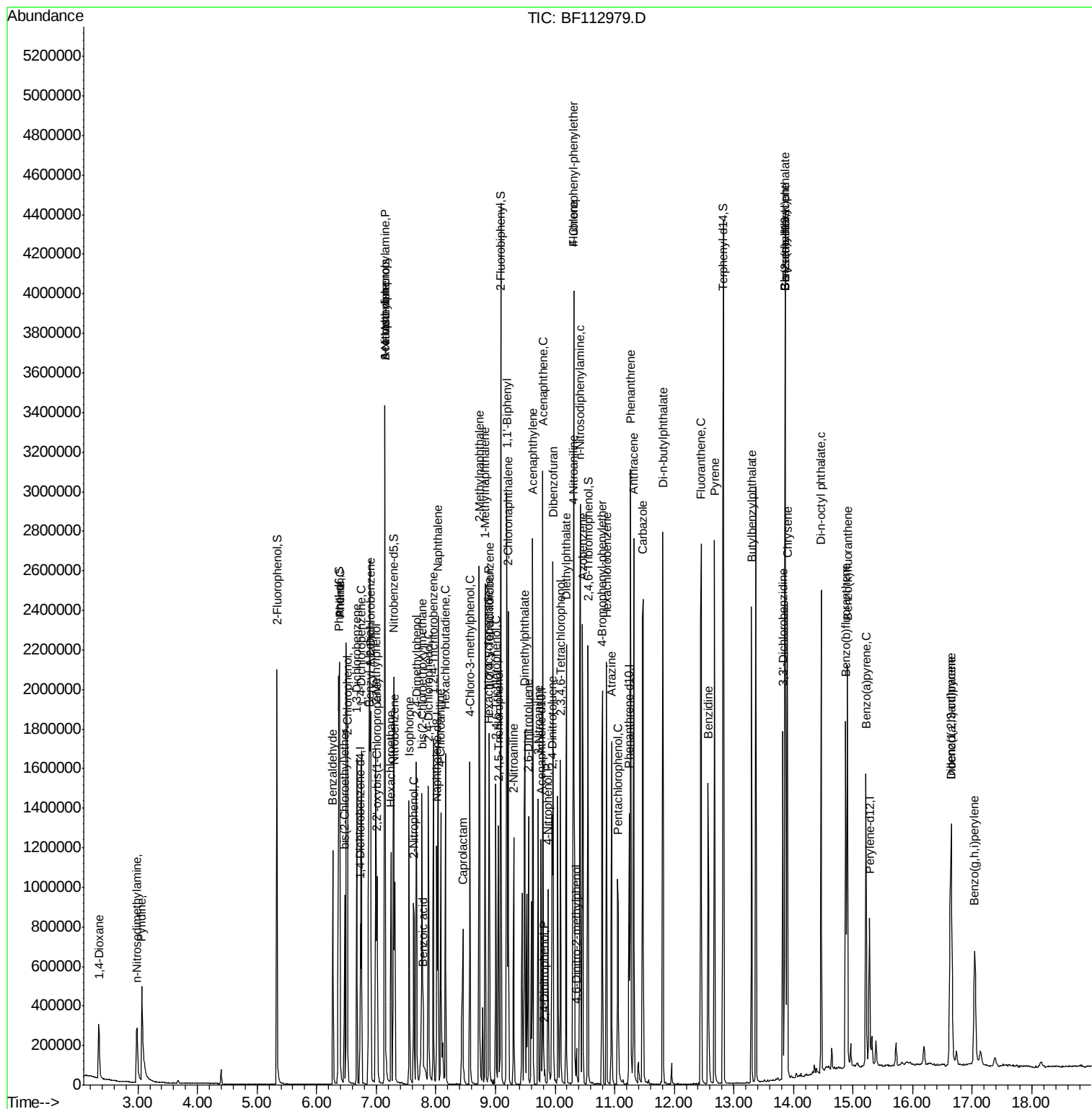
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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 Sample : SSTDCCC040
 Misc :
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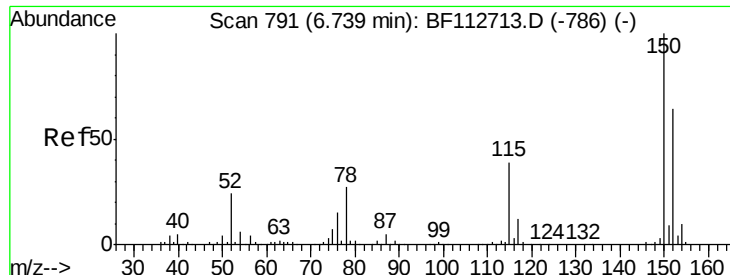
Instrument :
 BNA_F
 Client Sample ID :
 SSTDCCC040

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#1

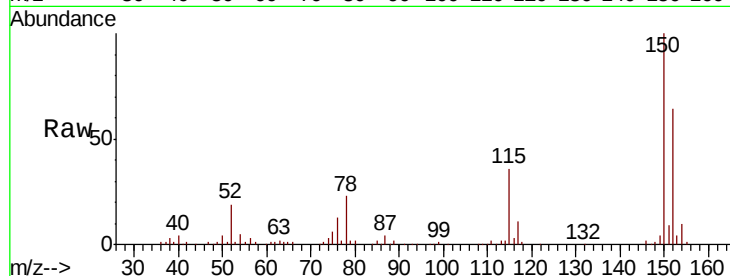
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	56.8	48.2	72.4

Manual Integrations
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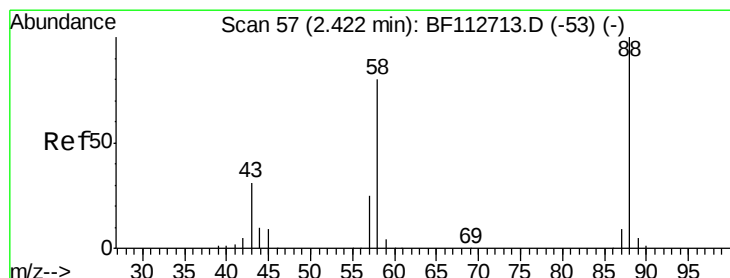
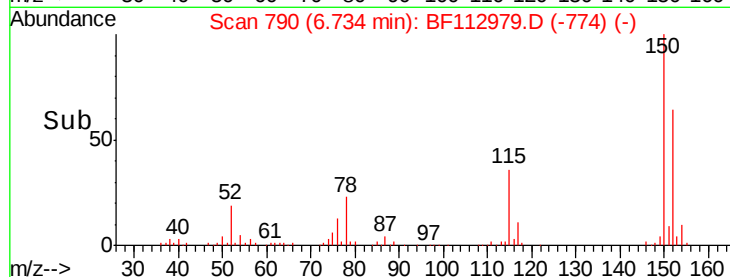
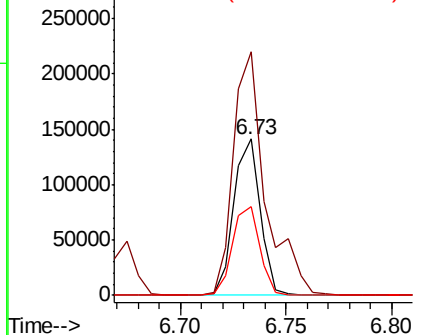


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.932 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.08 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

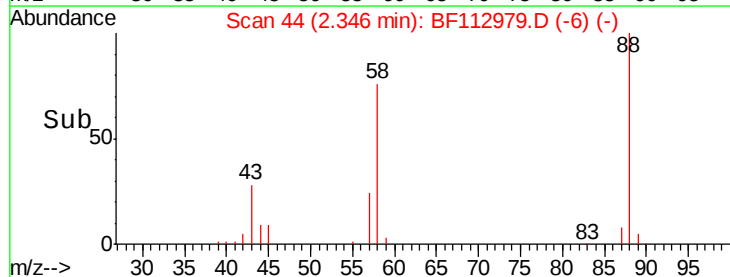
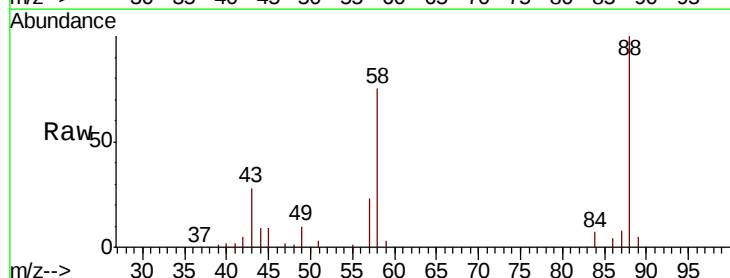
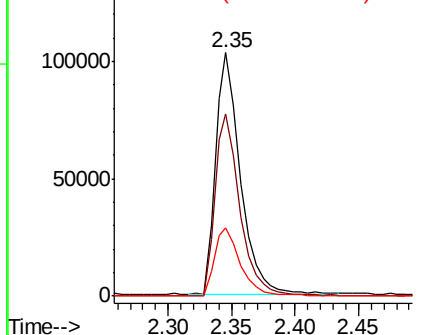
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	63.1	94.7
43	29.9	24.3	36.5

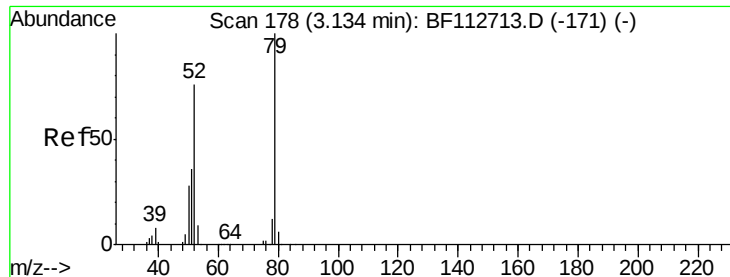
Abundance

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





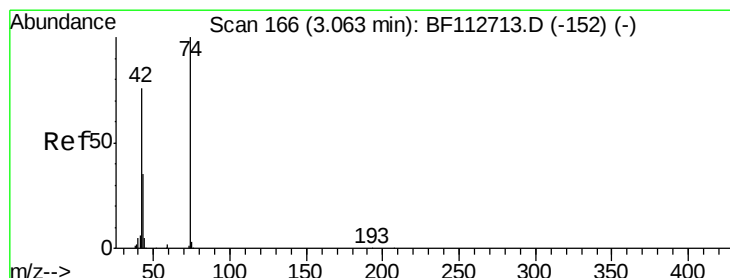
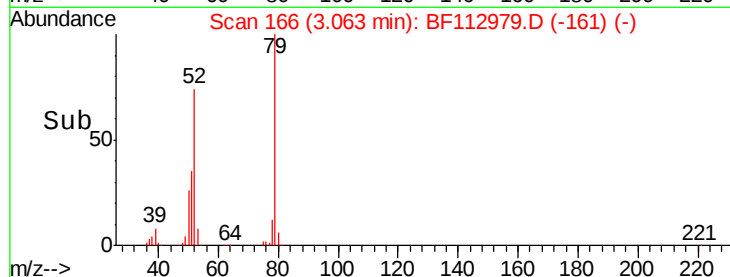
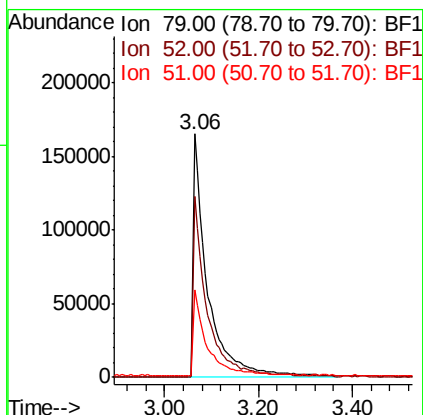
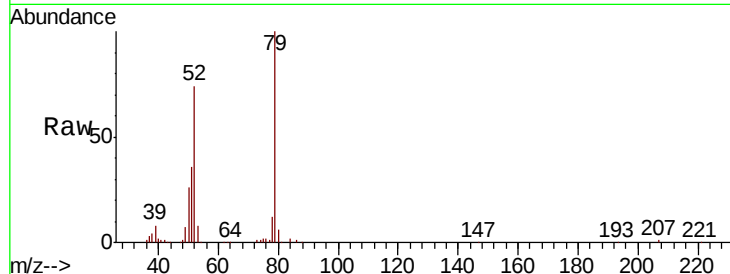
#3
 Pvridine
 Concen: 33.607 ng
 RT: 3.06 min Scan# 166
 Delta R.T. -0.07 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.4	60.5	90.7
51	35.9	28.8	43.2

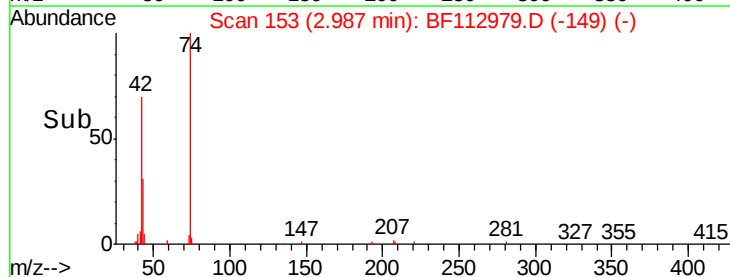
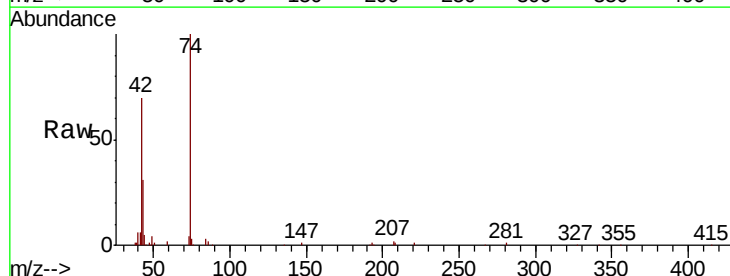
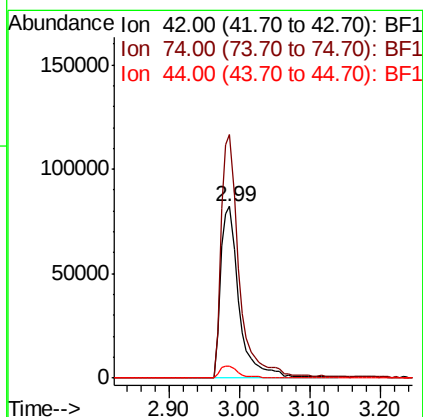
Manual Integrations
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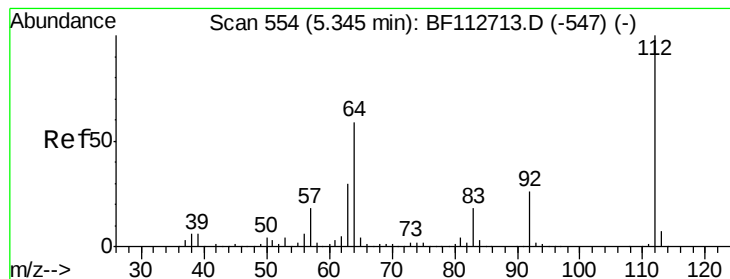
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#4
 n-Nitrosodimethylamine
 Concen: 33.259 ng m
 RT: 2.99 min Scan# 153
 Delta R.T. -0.08 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.9	105.8	158.8
44	7.2	6.2	9.2





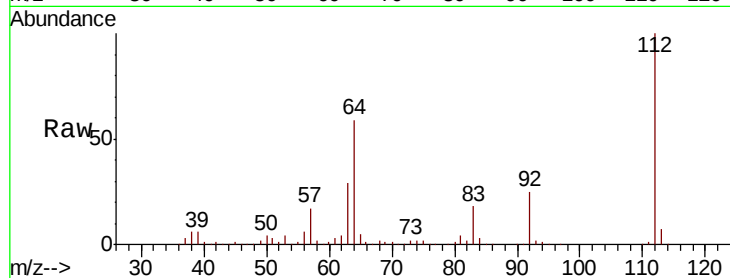
#5
2-Fluorophenol
Concen: 76.925 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

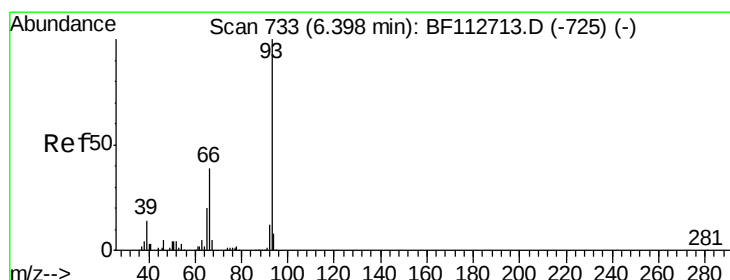
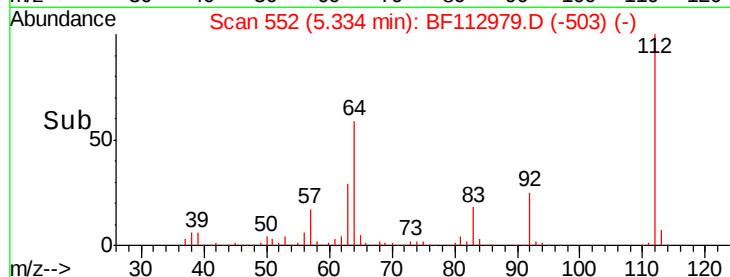
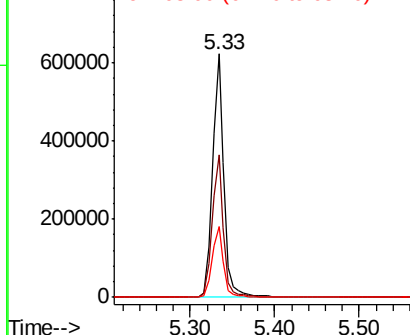
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.7	47.6	71.4
63	29.3	24.4	36.6

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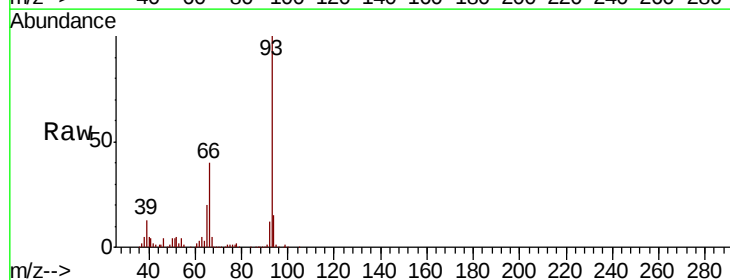


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

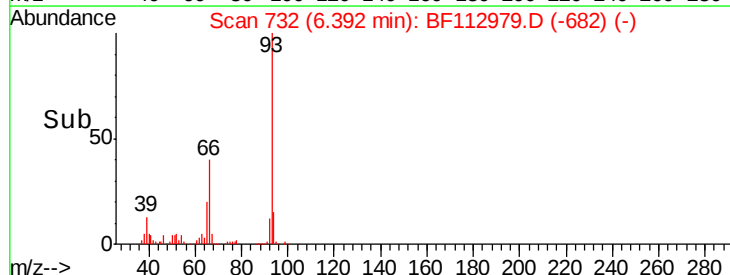
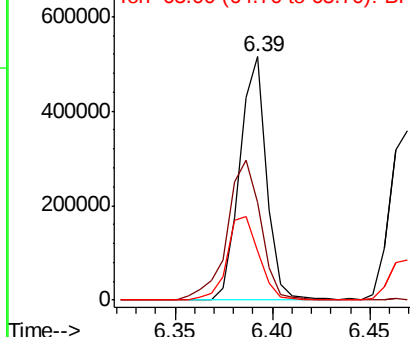


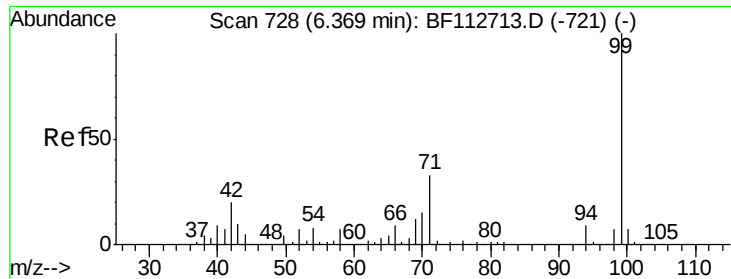
#6
Aniline
Concen: 36.333 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.4	32.2	48.2
65	20.4	16.2	24.4



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





#7

Phenol-d6

Concen: 76.830 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

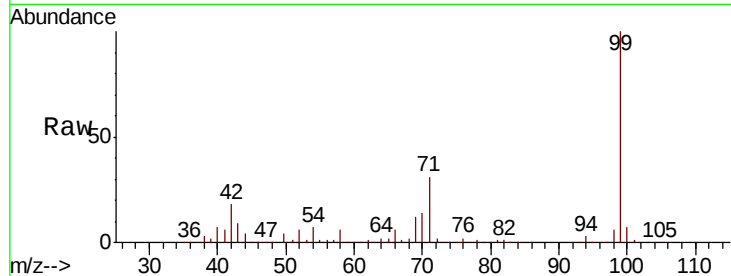
ClientSampled :

SSTDCCC040

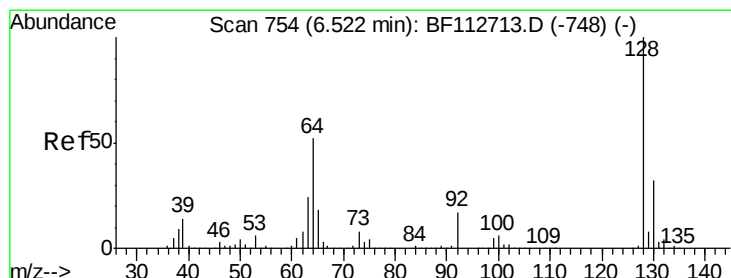
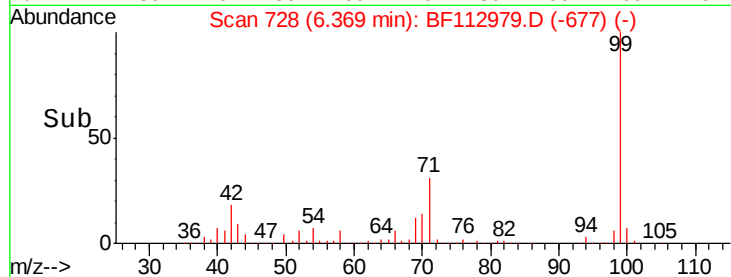
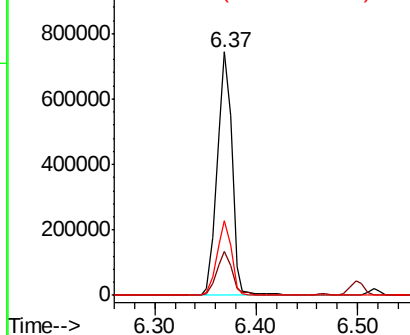
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		753936		
42	18.1	16.3	24.5		
71	30.6	26.2	39.4		

Manual Integrations
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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: 39.432 ng

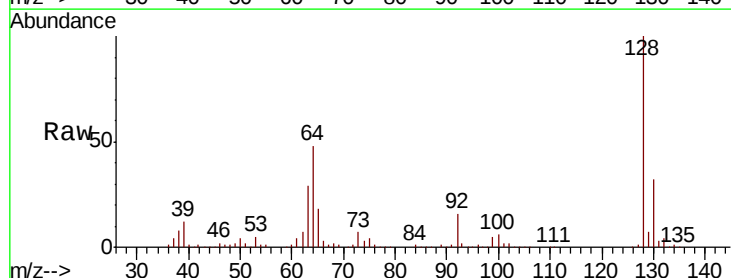
RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

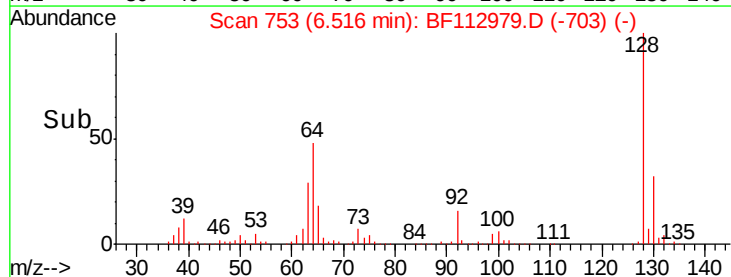
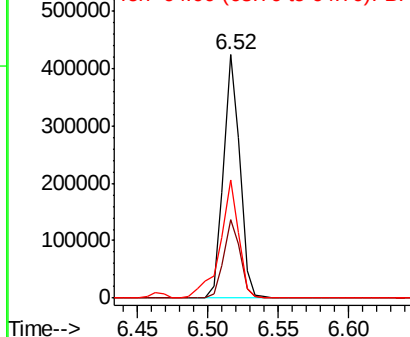
Lab File: BF112979.D

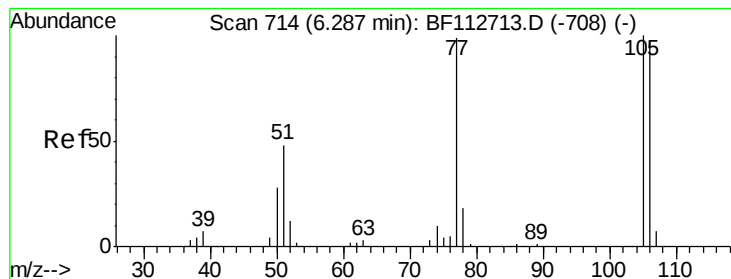
Acq: 12 Mar 2019 2:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		342902		
130	32.3	12.4	52.4		
64	48.4	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: 31.399 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

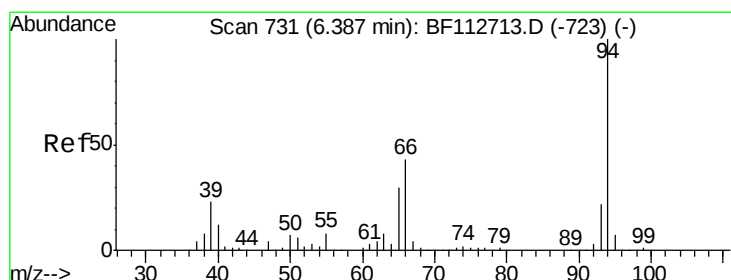
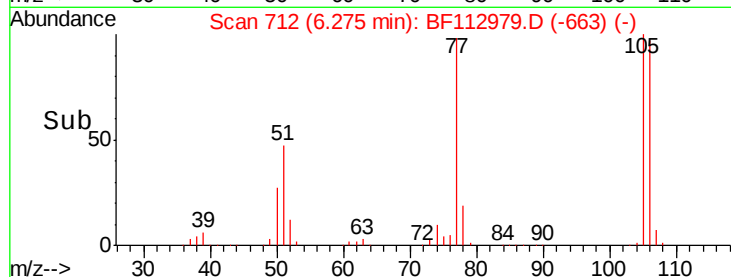
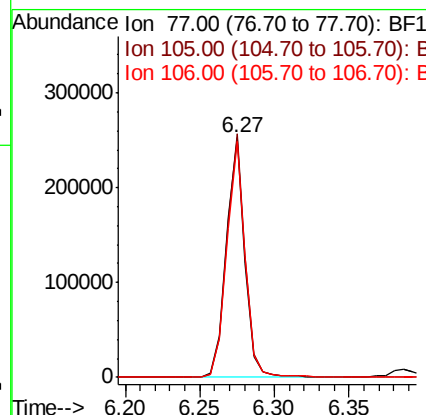
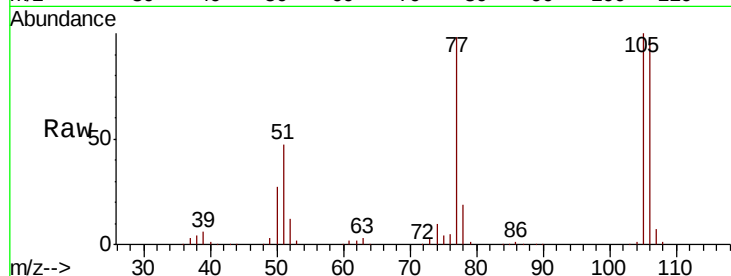
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	222012
Ion Ratio	Lower	Upper	
77	100		
105	101.8	81.4	121.4
106	98.9	78.3	118.3

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#10

Phenol

Concen: 37.679 ng

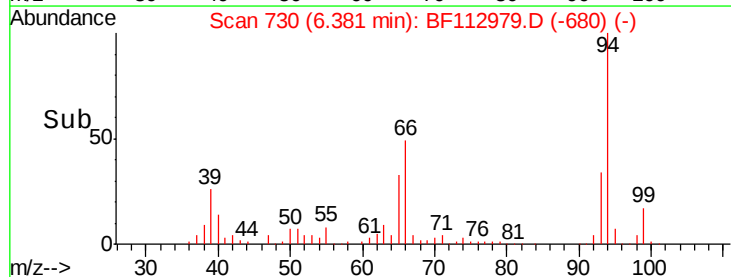
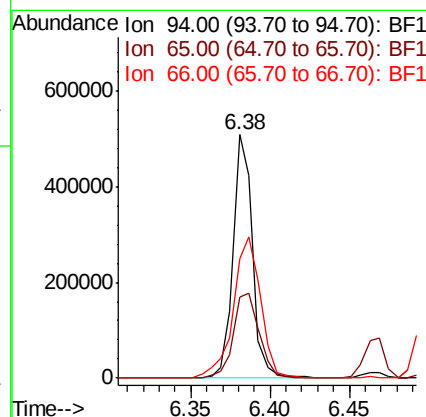
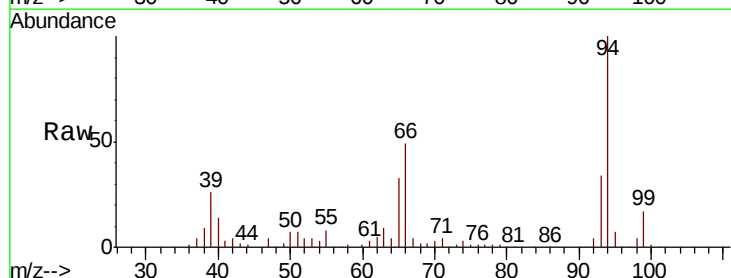
RT: 6.38 min Scan# 730

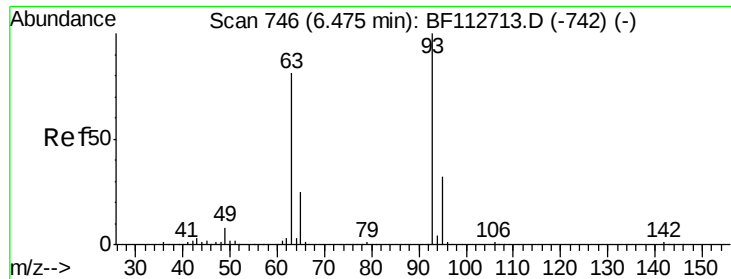
Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion:	94	Resp:	431467
Ion Ratio	Lower	Upper	
94	100		
65	33.2	10.5	50.5
66	49.1	22.6	62.6





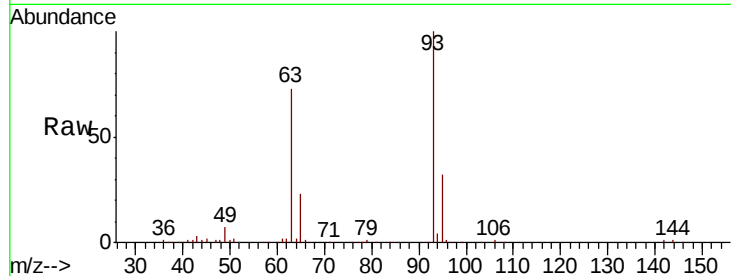
#11
bis(2-Chloroethyl)ether
Concen: 35.896 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	60.5	100.5
95	32.1	12.1	52.1

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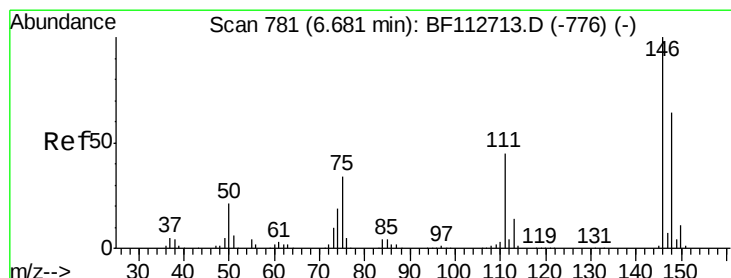
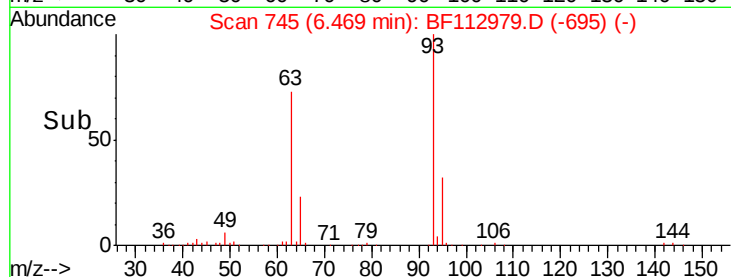
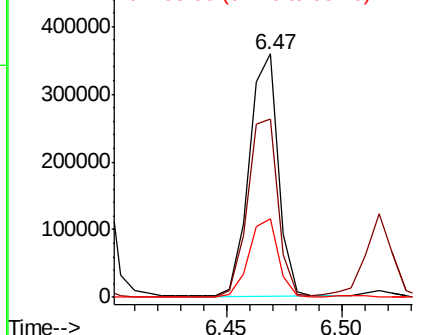


Abundance

Ion 93.00 (92.70 to 93.70): BF1

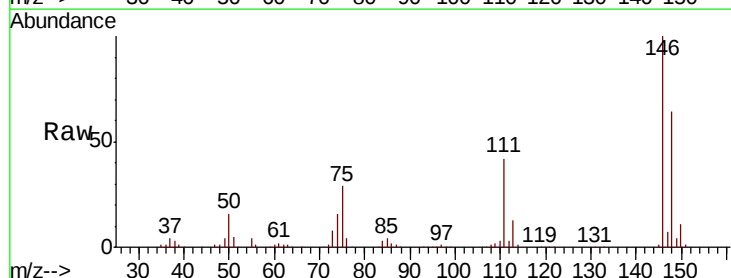
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.188 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	29.0	26.9	40.3

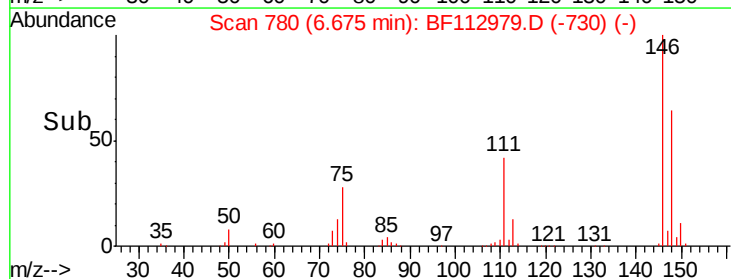
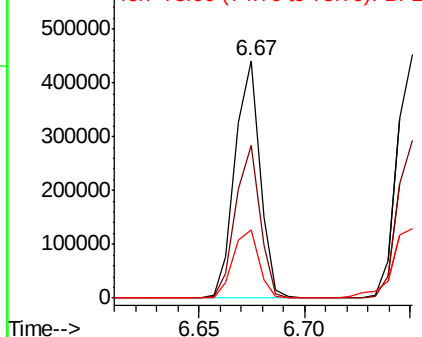


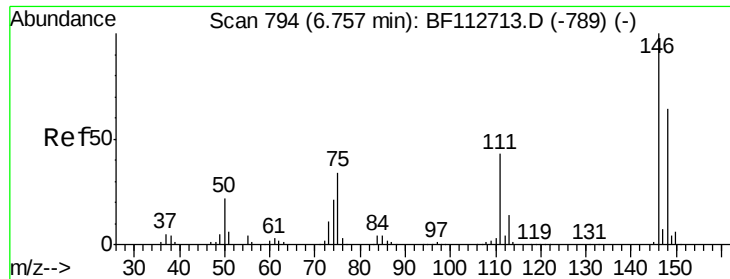
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1





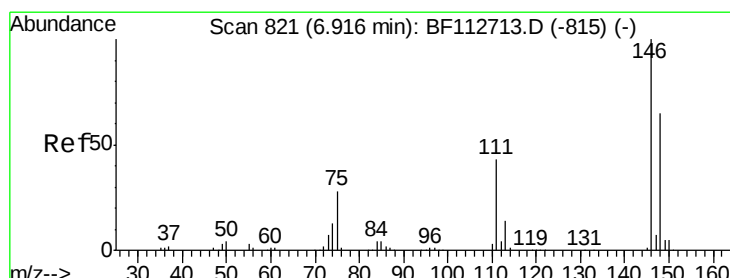
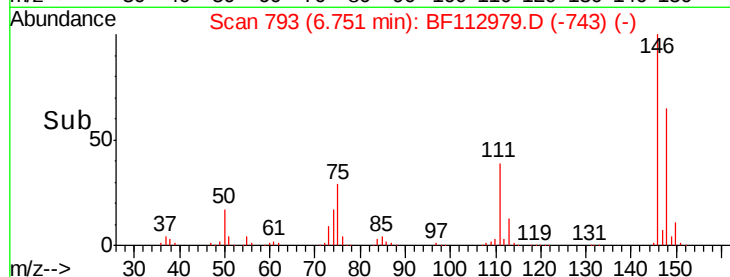
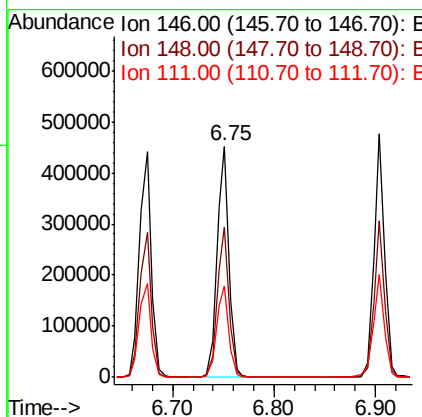
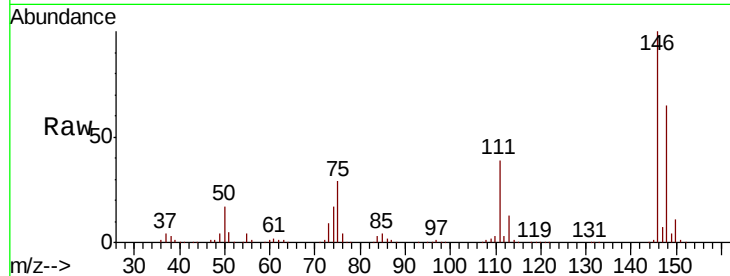
#13
 1,4-Dichlorobenzene
 Concen: 40.703 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.4
111	39.4	34.5	51.7

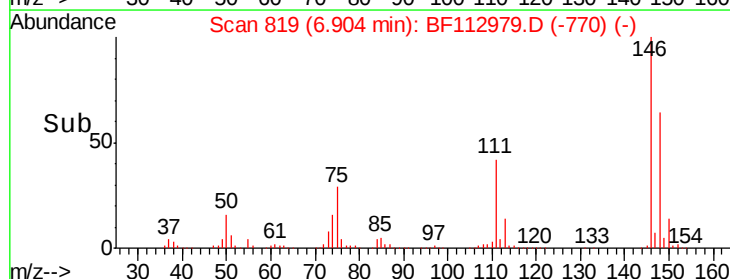
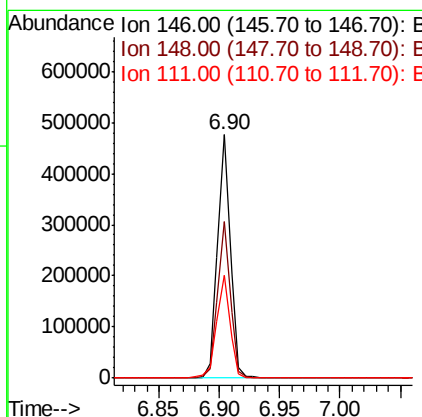
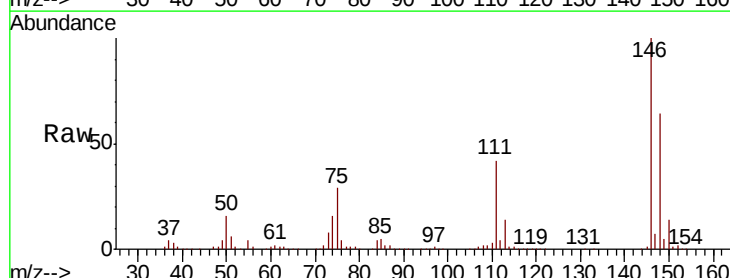
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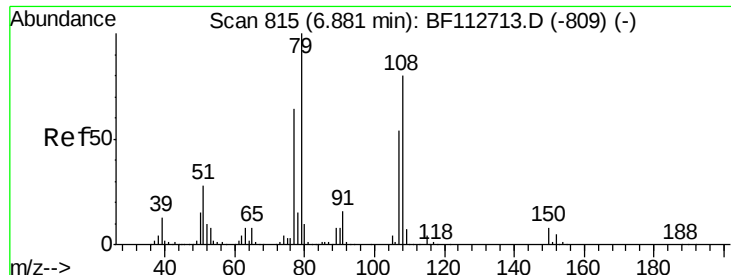
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#14
 1,2-Dichlorobenzene
 Concen: 41.934 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	42.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 37.627 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

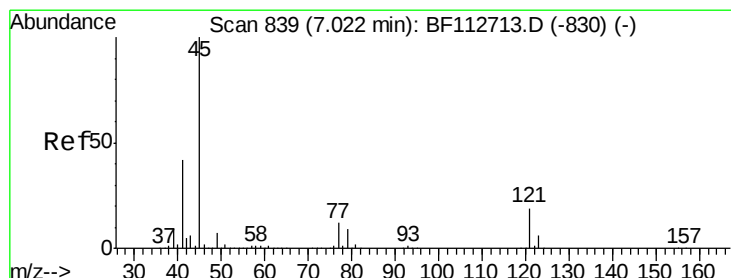
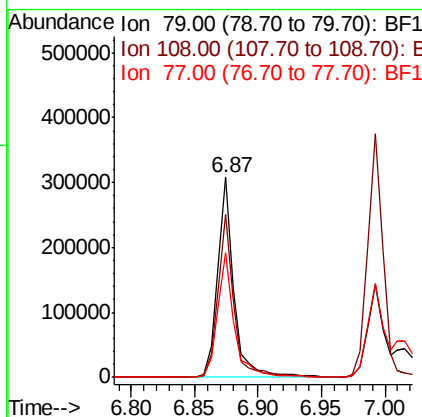
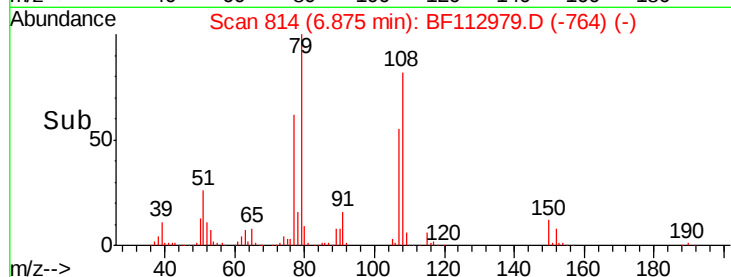
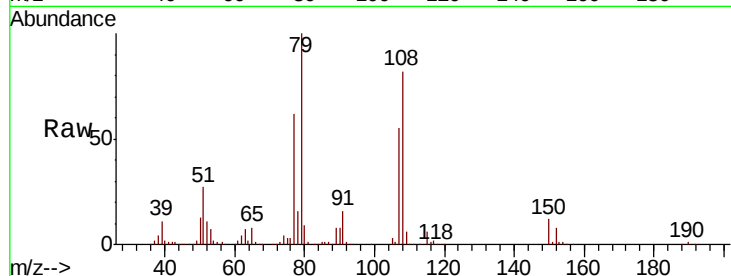
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	281553
Ion Ratio	Lower	Upper	
79	100		
108	81.6	64.2	96.4
77	62.0	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.445 ng

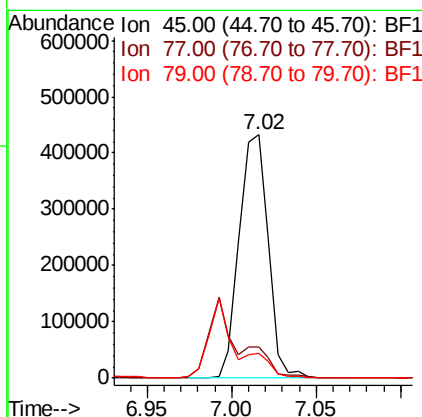
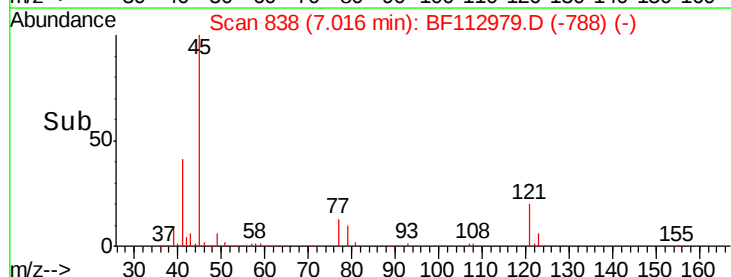
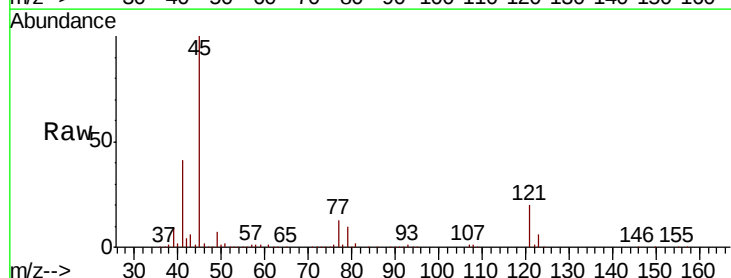
RT: 7.02 min Scan# 838

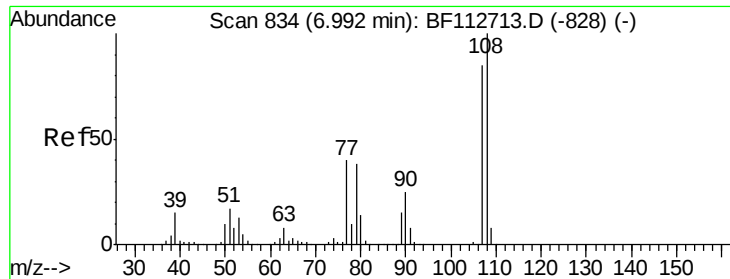
Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion:	45	Resp:	519904
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.1
79	10.2	0.0	29.4





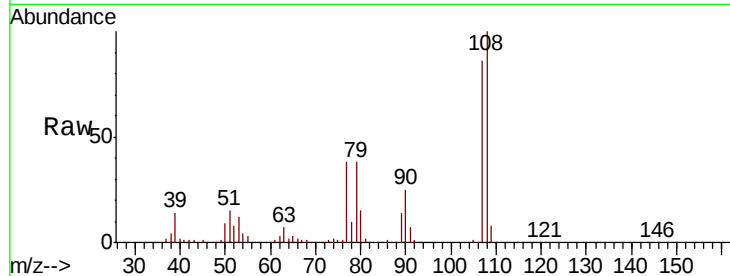
#17
2-Methylphenol
Concen: 37.588 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

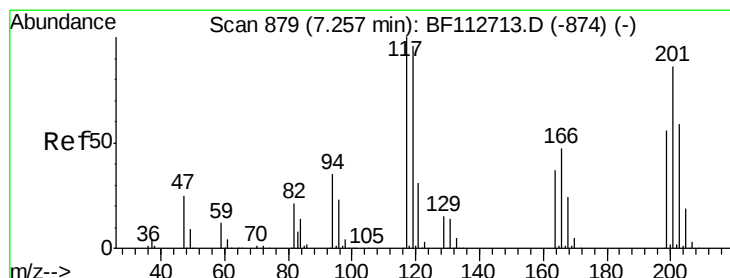
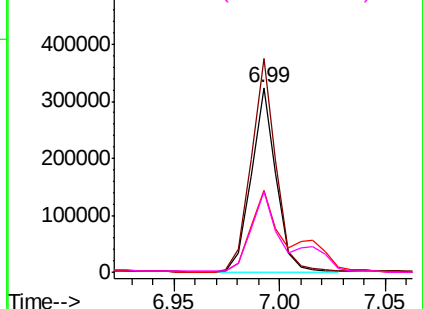
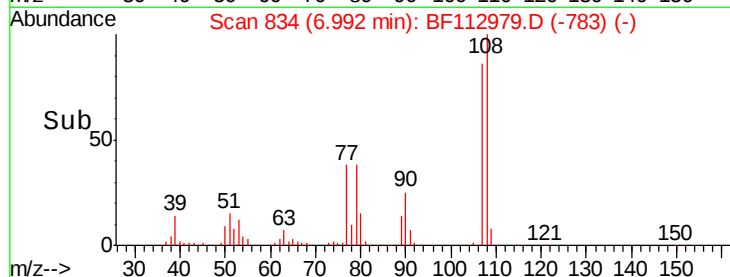
Tot Ion:	107	Resp:	265170
Ion Ratio	Lower	Upper	
107	100		
108	115.7	94.6	142.0
77	44.5	37.8	56.8
79	43.7	36.2	54.2

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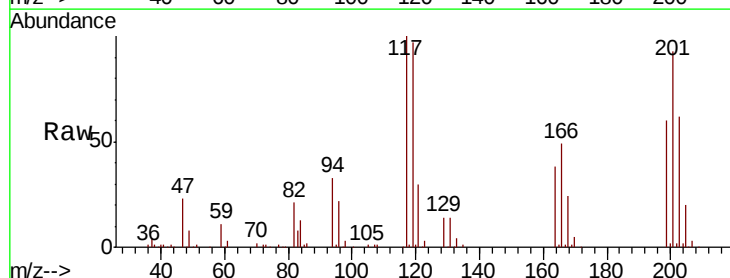


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

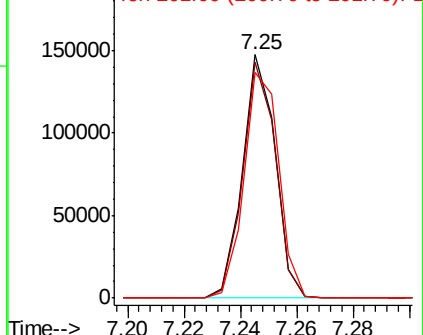
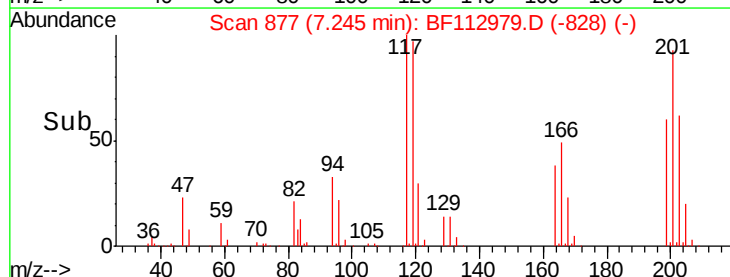


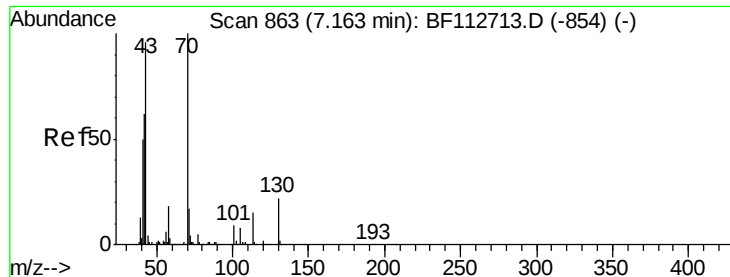
#18
Hexachloroethane
Concen: 34.334 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:	117	Resp:	118483
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.6	115.0
201	92.8	68.9	103.3



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.754 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

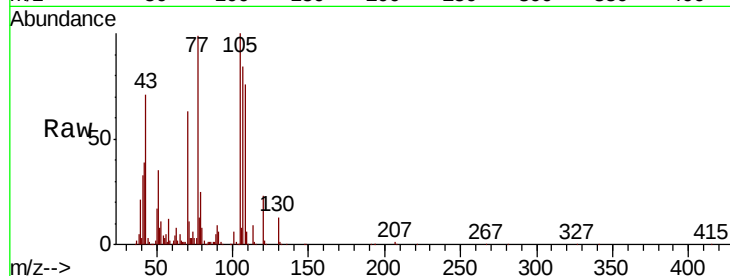
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	49.9	74.9	
101	9.4	7.4	11.2	
130	21.2	17.4	26.2	

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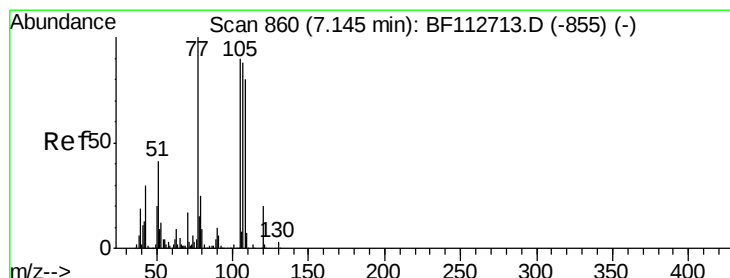
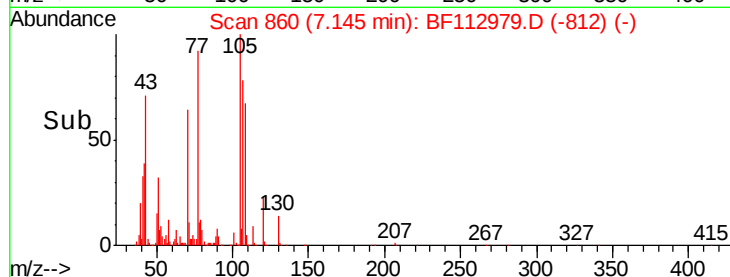
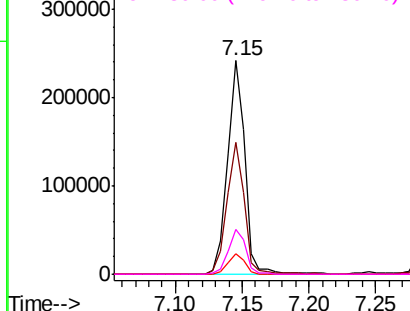
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.797 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	71.4	111.4	
77	118.8	94.1	134.1	
79	29.4	8.6	48.6	

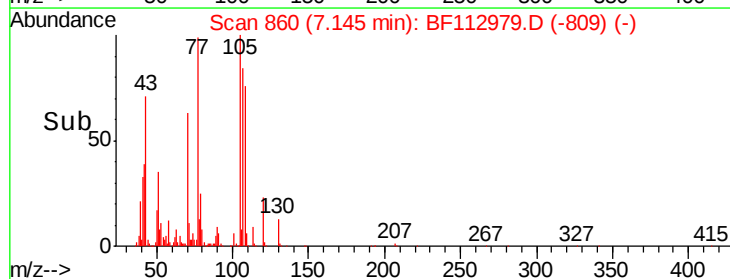
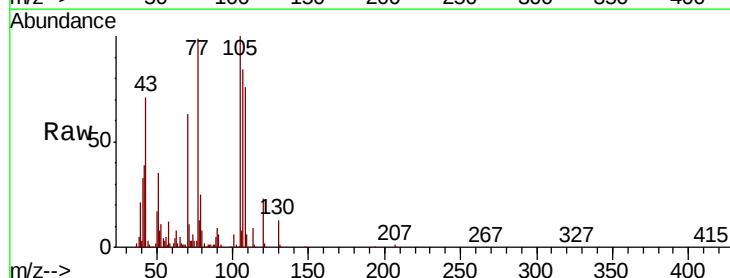
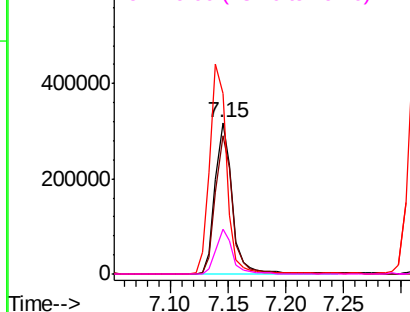
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





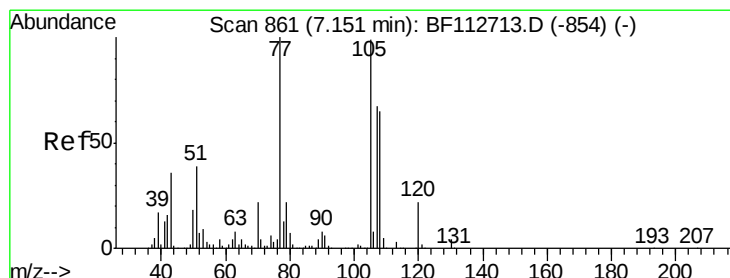
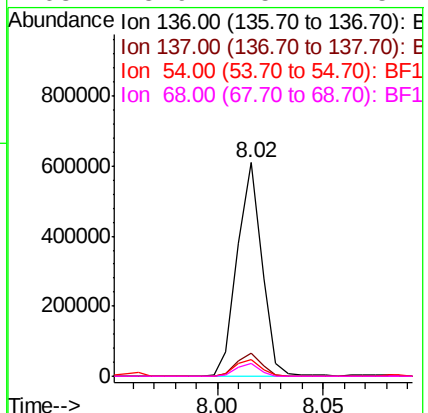
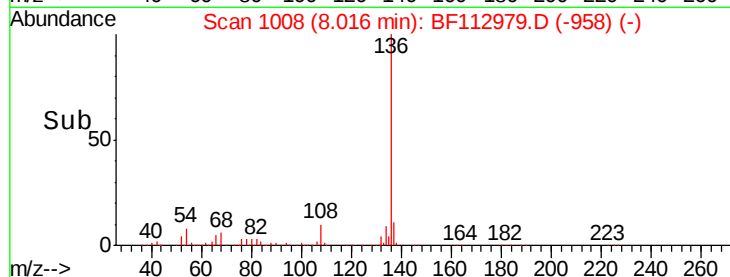
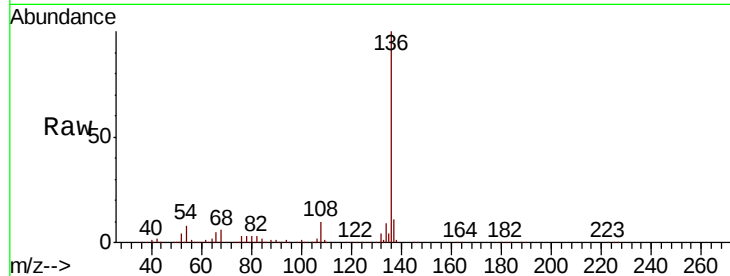
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		492390		
137	10.9	8.9	13.3		
54	7.8	7.3	10.9		
68	5.9	5.4	8.2		

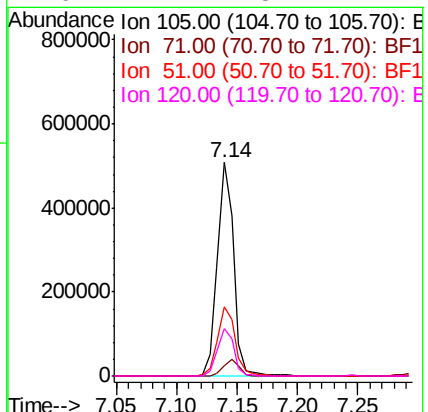
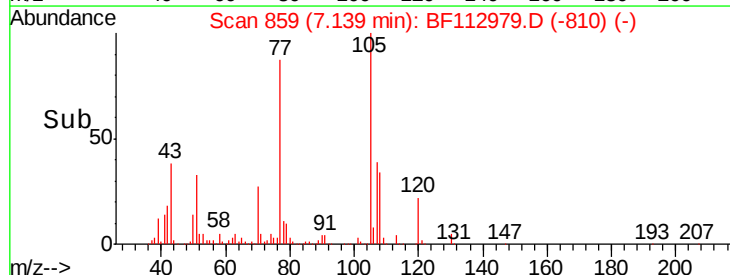
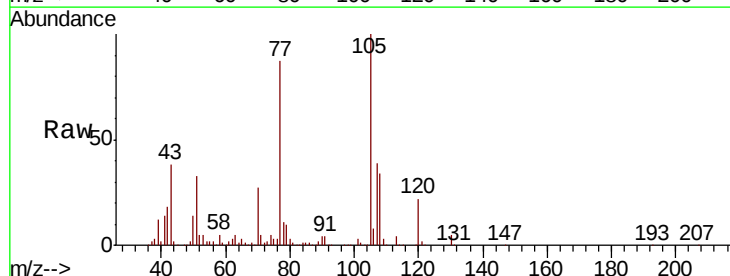
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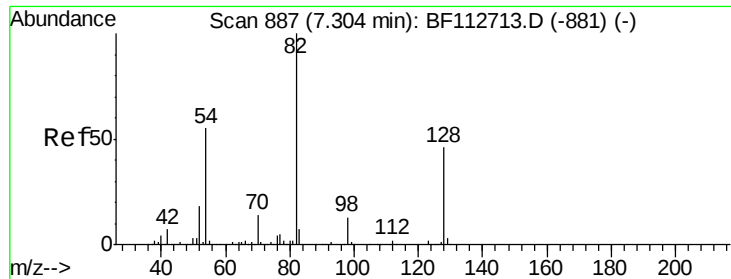
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#22
Acetophenone
Concen: 40.705 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		468656		
71	4.6	3.0	4.4#		
51	32.6	31.5	47.3		
120	22.2	18.1	27.1		





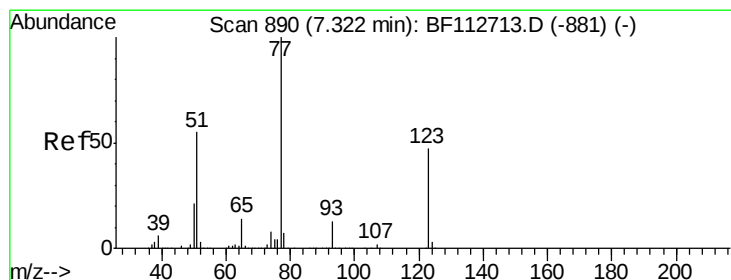
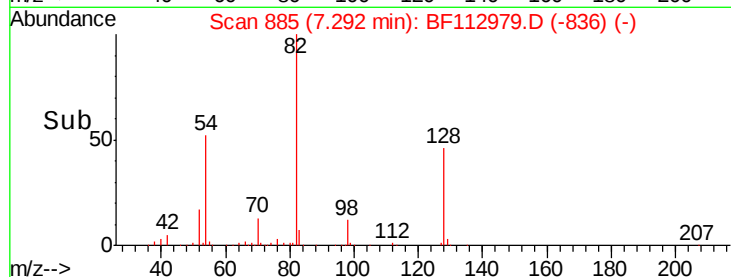
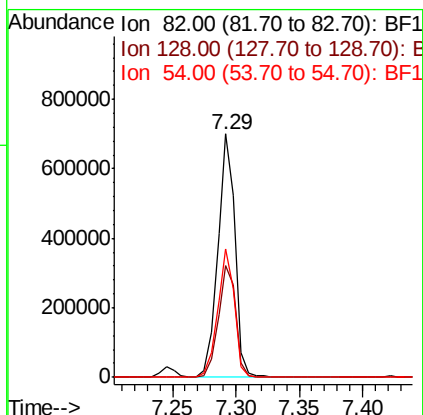
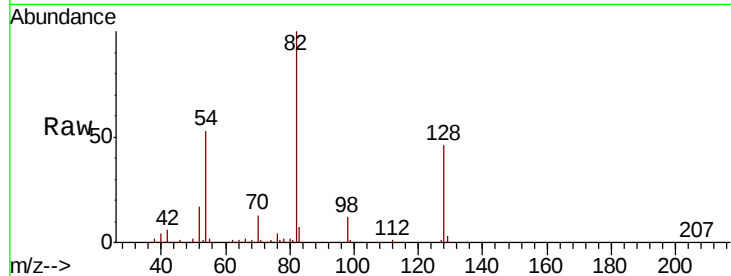
#23
Nitrobenzene-d5
Concen: 81.423 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	52.6	43.7	65.5

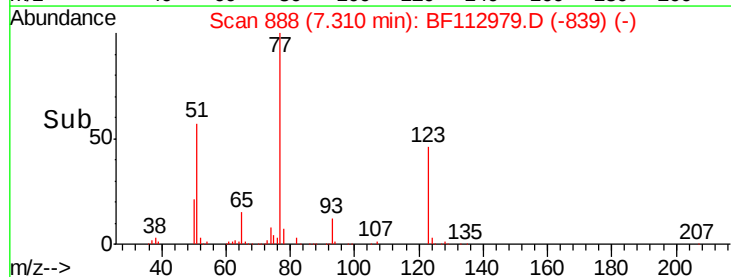
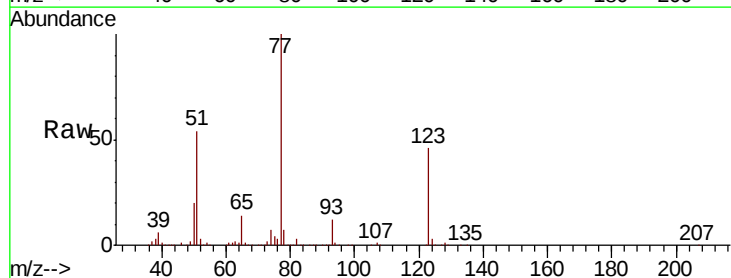
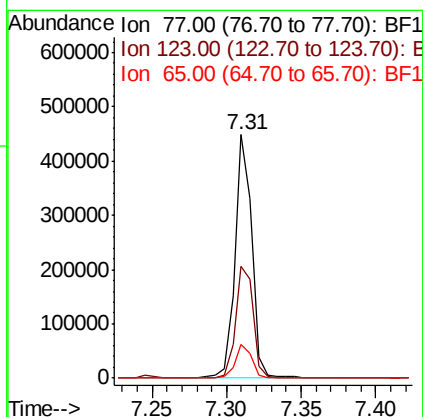
Manual Integrations
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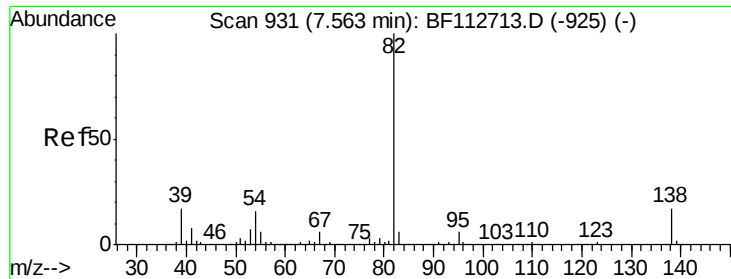
Sohil
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#24
Nitrobenzene
Concen: 38.547 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.8	56.6
65	13.8	11.1	16.7





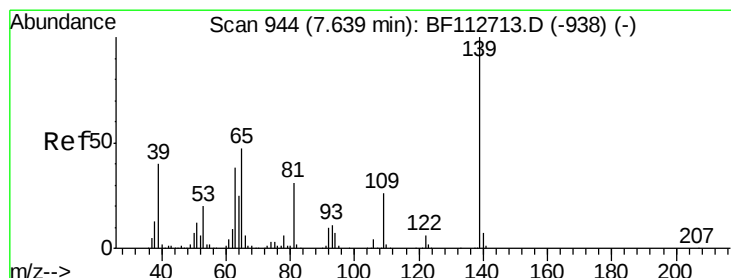
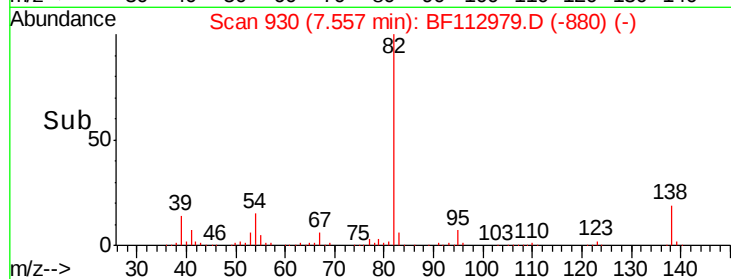
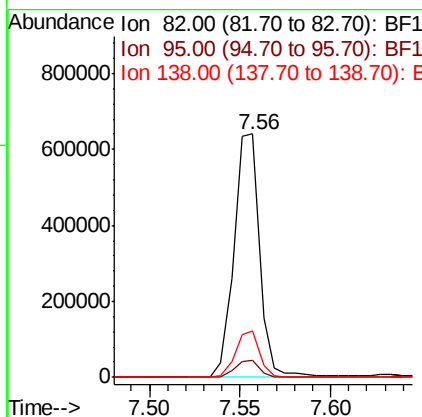
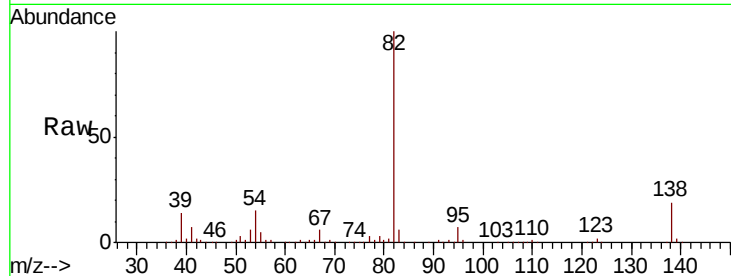
#25
Isophorone
Concen: 35.868 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.2	7.8	
138	18.9	13.8	20.8	

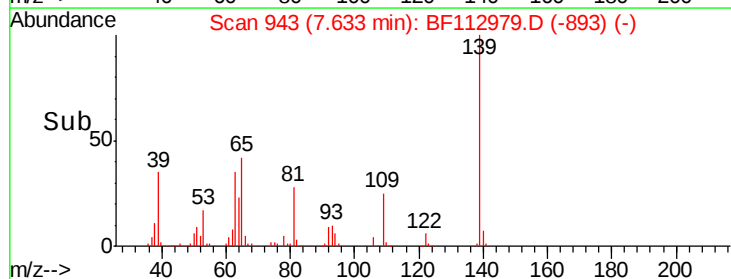
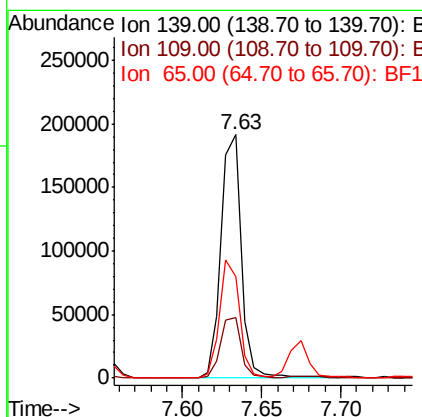
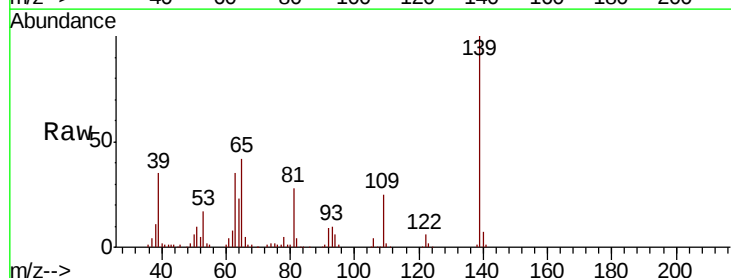
Manual Integrations
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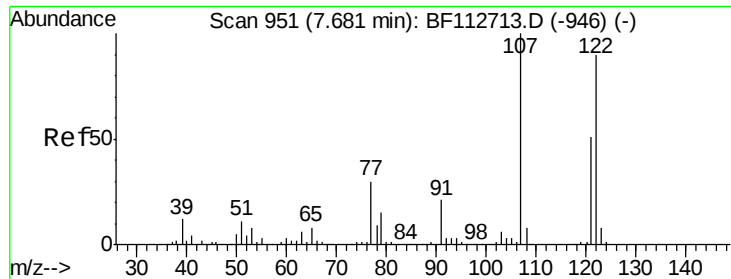
Sohil
3/12/2019 4:29:08 PM



#26
2-Nitrophenol
Concen: 45.212 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.0	20.6	31.0	
65	41.9	37.9	56.9	





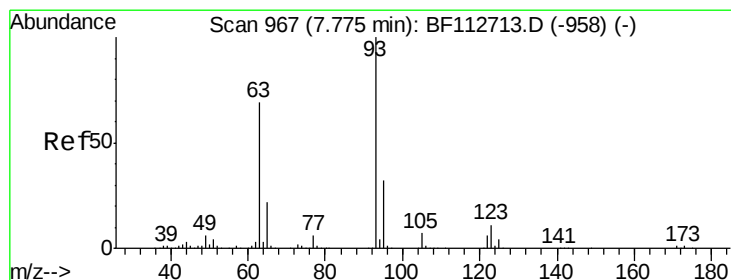
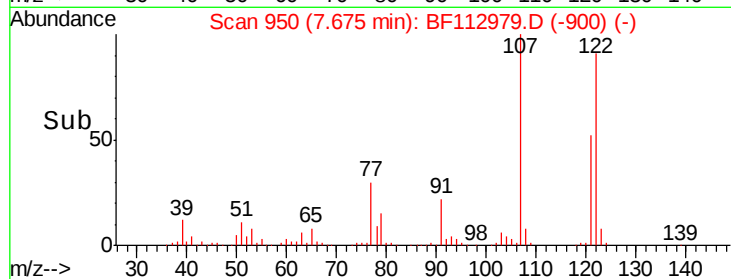
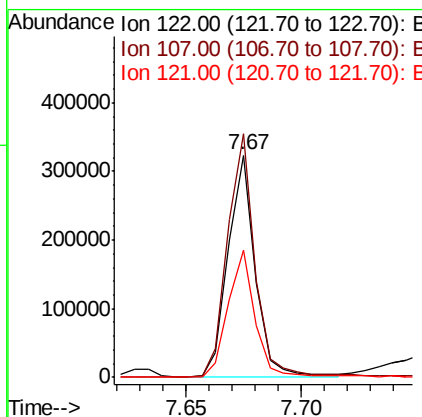
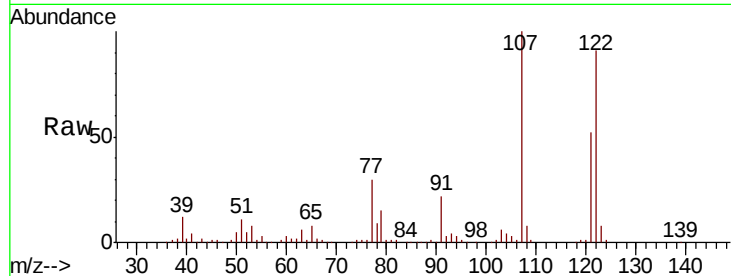
#27
2,4-Dimethylphenol
Concen: 37.623 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	266855		
107	109.6	89.4	134.0	
121	57.2	45.5	68.3	

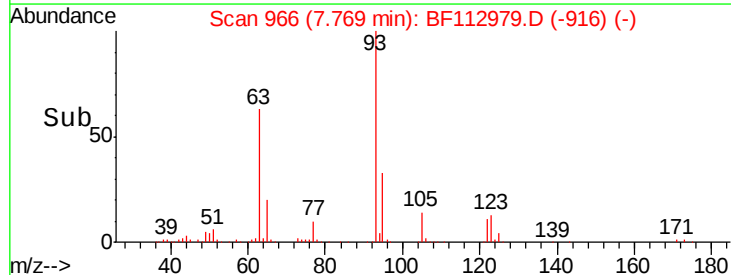
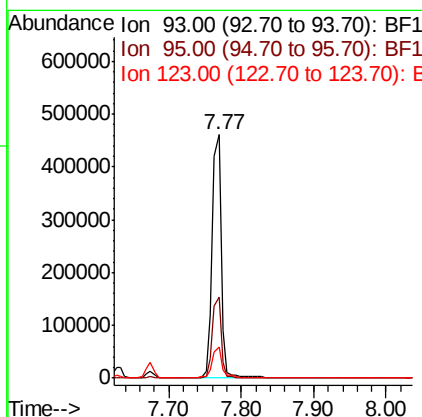
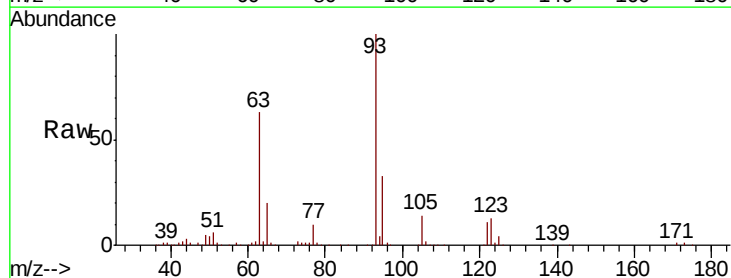
Manual Integrations
APPROVED

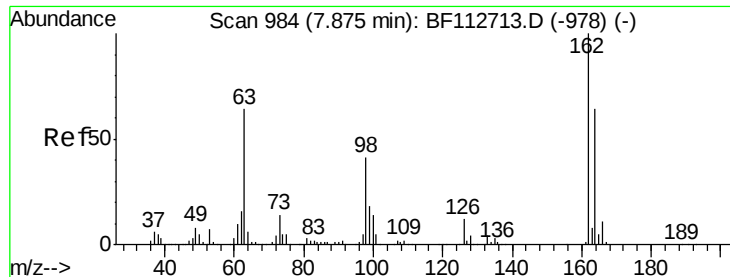
Sohil
3/12/2019 4:29:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.880 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	408760		
95	33.2	26.0	39.0	
123	12.8	9.3	13.9	





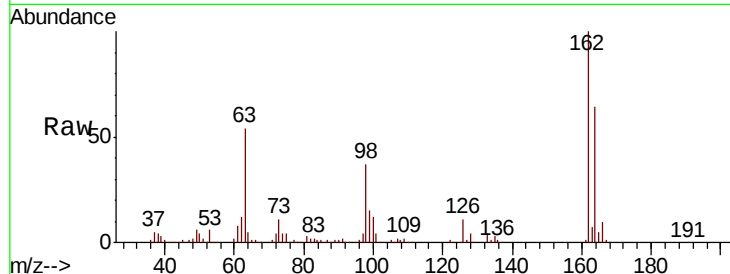
#29
2,4-Dichlorophenol
Concen: 42.718 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	293824		
164	63.8	44.0	84.0	
98	37.3	20.7	60.7	

Manual Integrations
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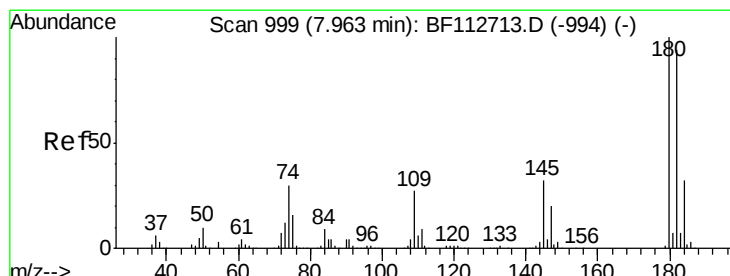
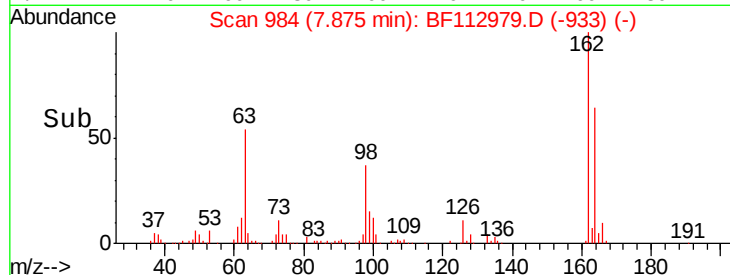
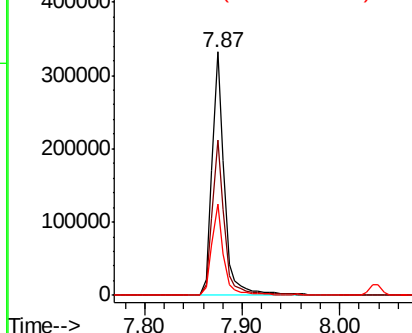


Abundance

Ion 162.00 (161.70 to 162.70): E

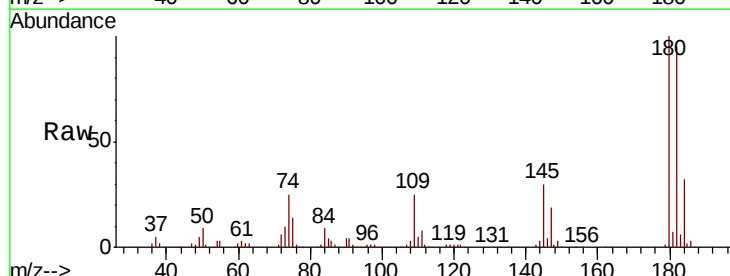
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.291 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	312556		
182	95.4	75.2	112.8	
145	29.9	25.4	38.0	

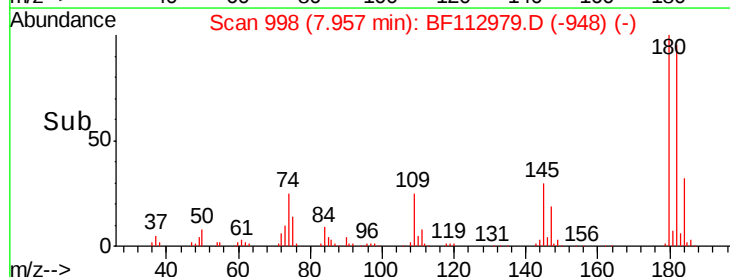
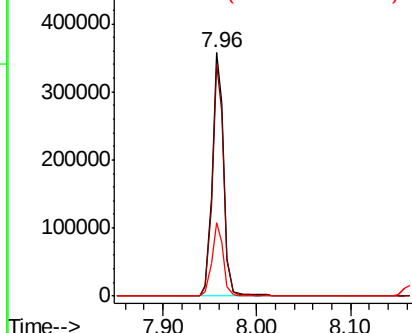


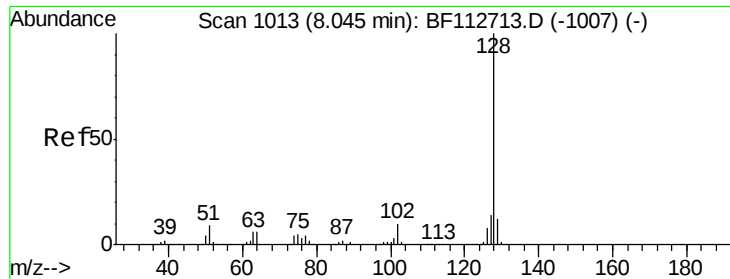
Abundance

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





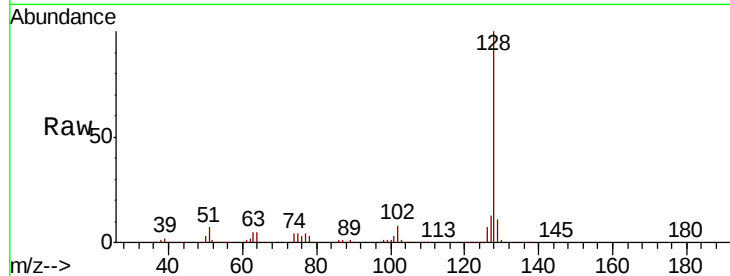
#31
Naphthalene
Concen: 40.329 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.4	10.9	16.3

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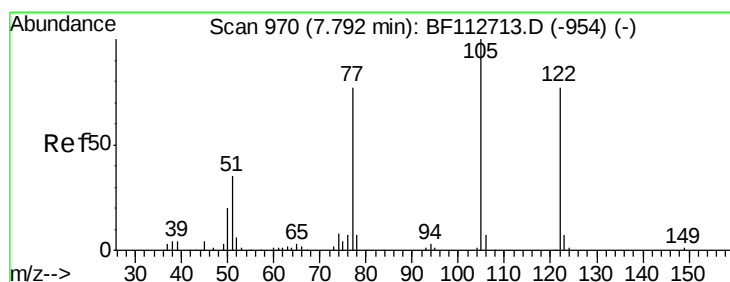
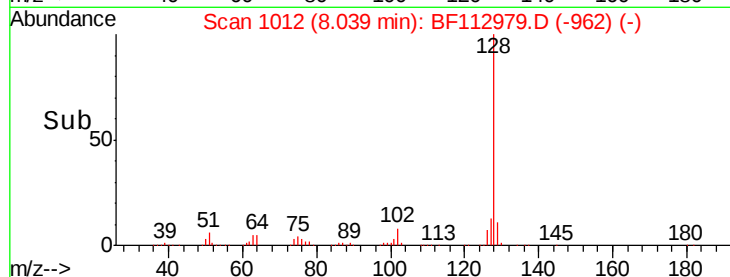
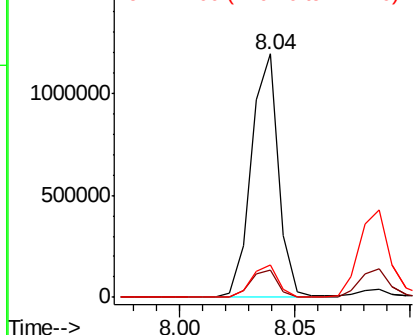


Abundance

Ion 128.00 (127.70 to 128.70): E

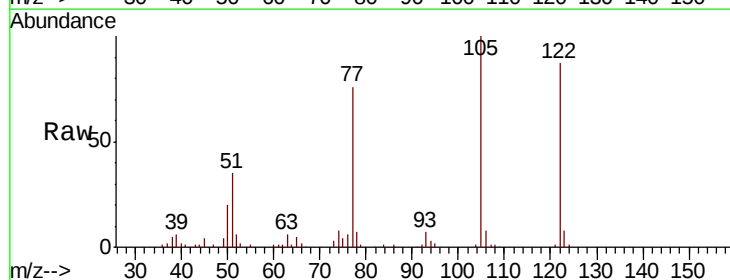
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.820 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.1	106.8	146.8
77	87.7	79.4	119.4

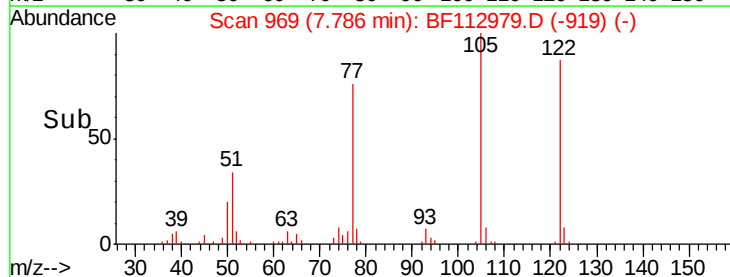
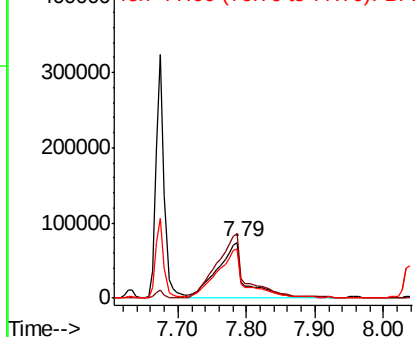


Abundance

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





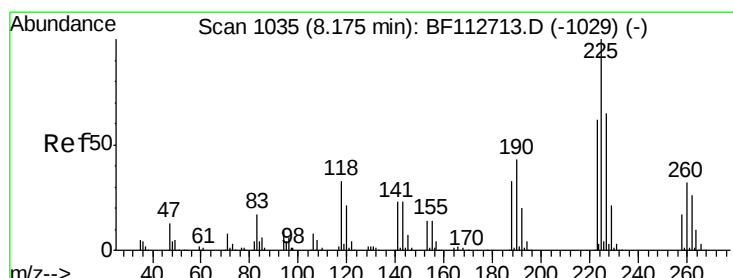
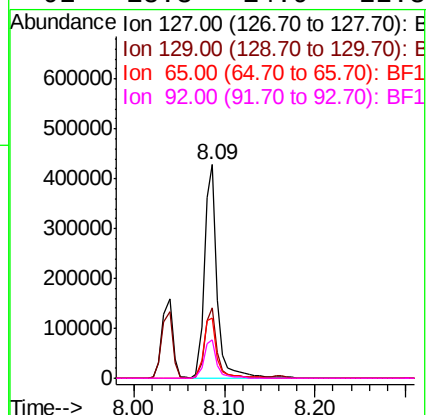
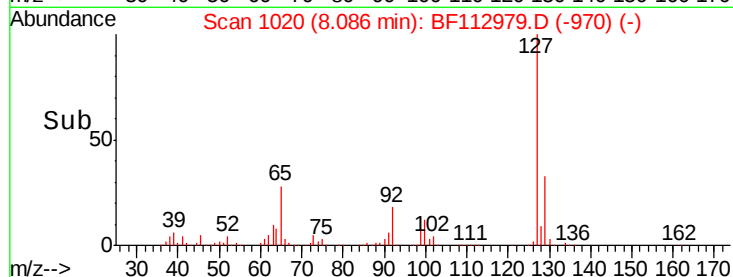
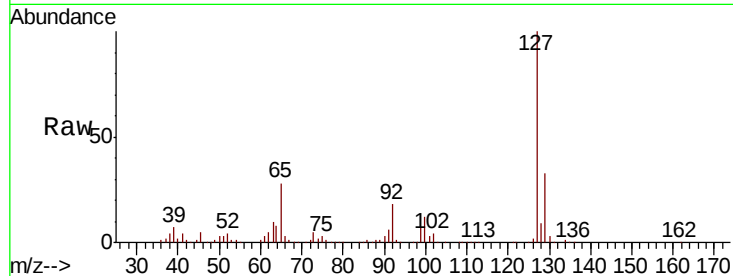
#33
4-Chloroaniline
Concen: 40.807 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.4	39.6	
65	27.9	23.1	34.7	
92	18.3	14.9	22.3	

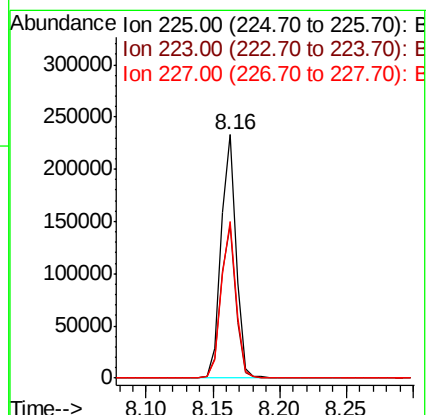
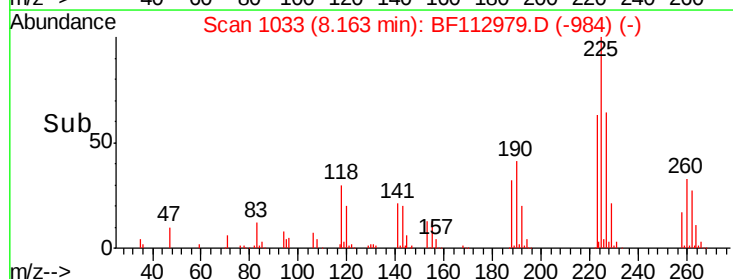
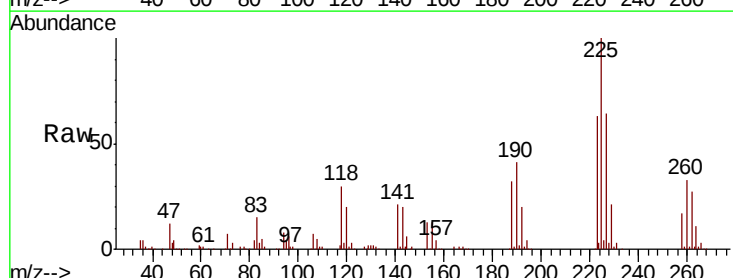
Manual Integrations
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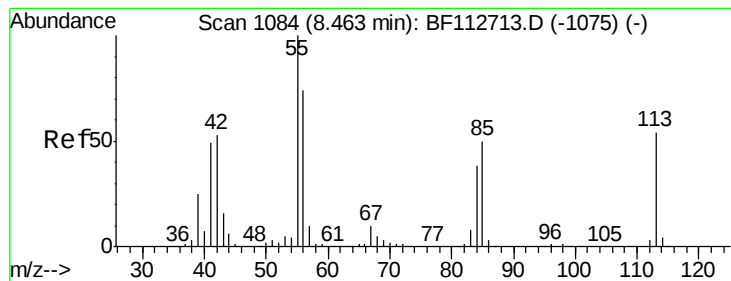
Sohil
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#34
Hexachlorobutadiene
Concen: 44.772 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	49.7	74.5	
227	64.3	52.1	78.1	





#35

Caprolactam

Concen: 42.904 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

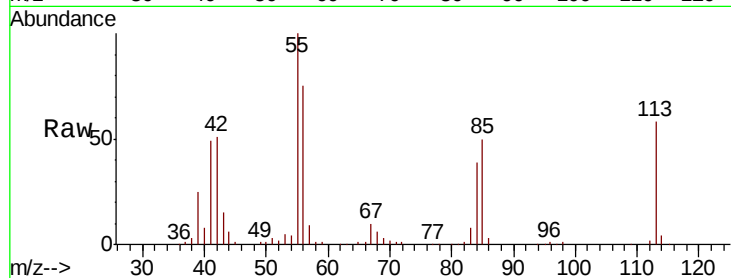
ClientSampleId :

SSTDCCC040

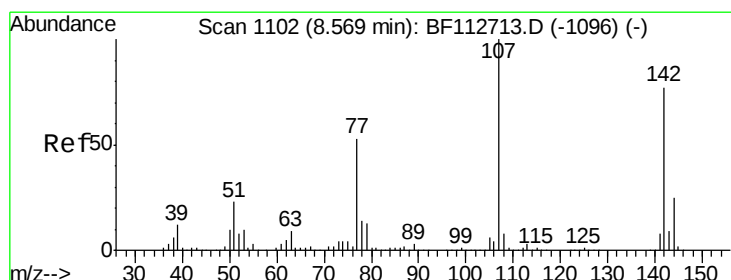
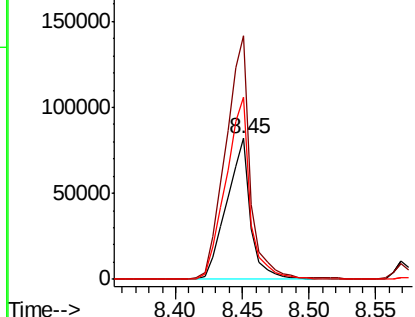
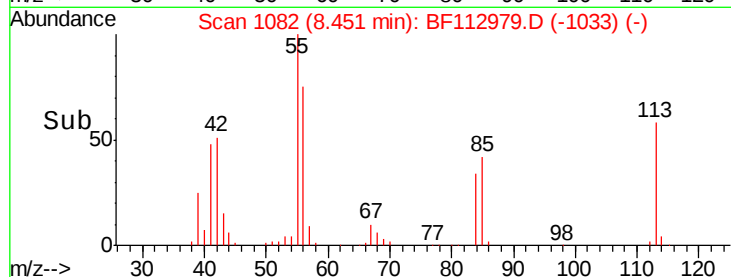
Tot Ion:	113	Resp:	103937
Ion Ratio	Lower	Upper	
113	100		
55	172.8	163.5	203.5
56	129.5	115.3	155.3

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.265 ng

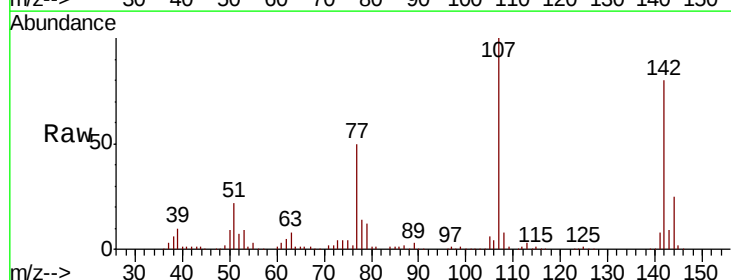
RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

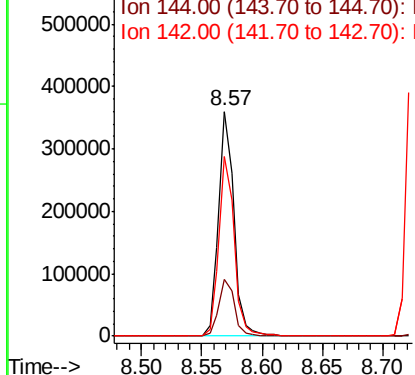
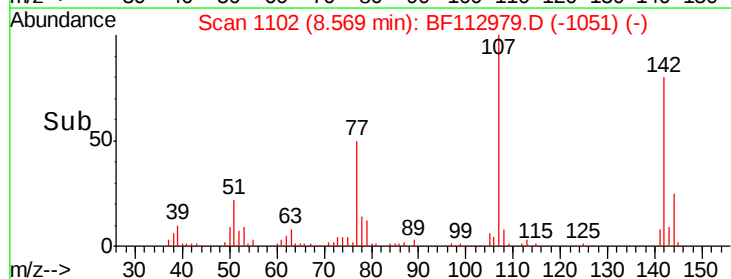
Lab File: BF112979.D

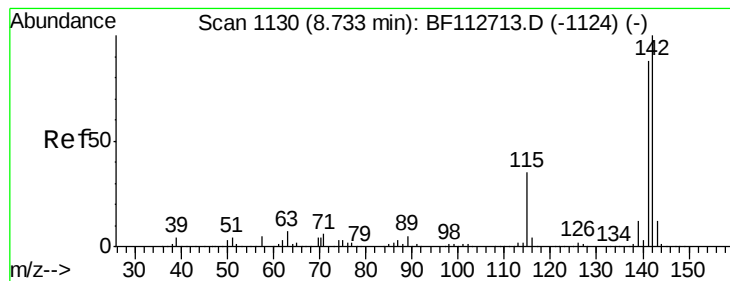
Acq: 12 Mar 2019 2:59

Tgt Ion:	107	Resp:	314109
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.1	30.1
142	79.8	61.9	92.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.659 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

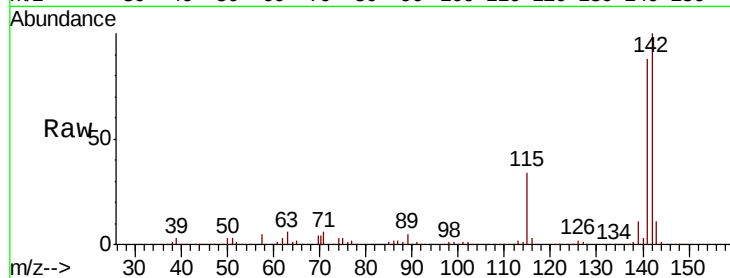
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	33.9	27.8	41.6

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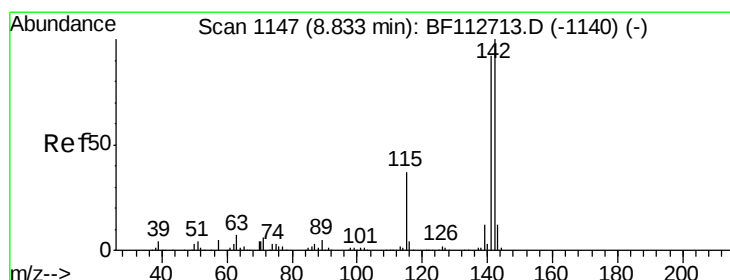
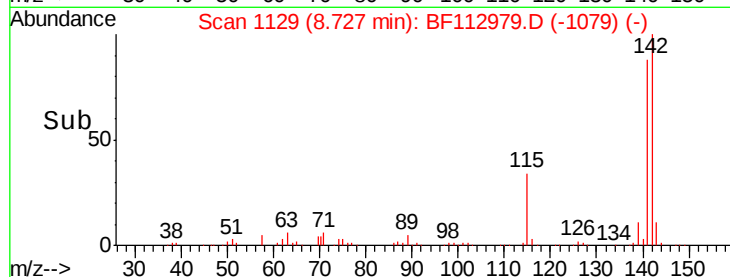
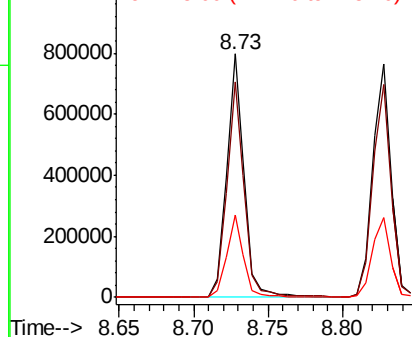


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.846 ng

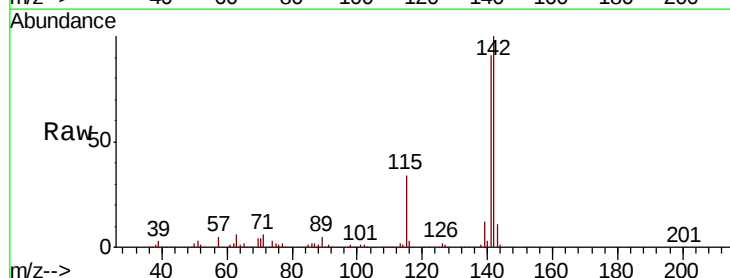
RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	3.5	3.1	4.7

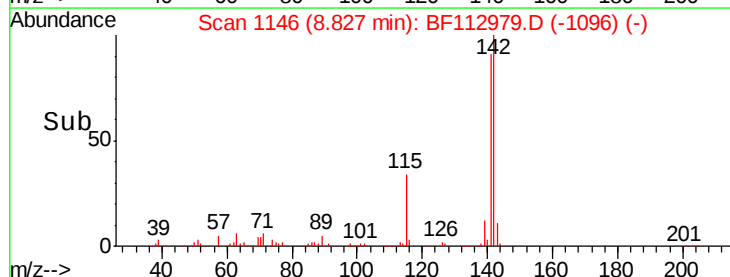
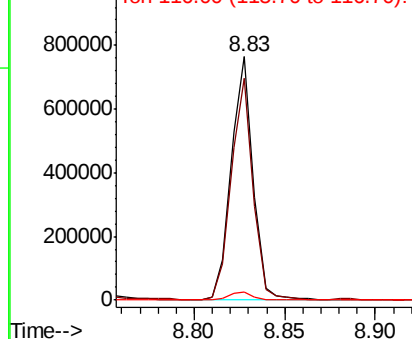


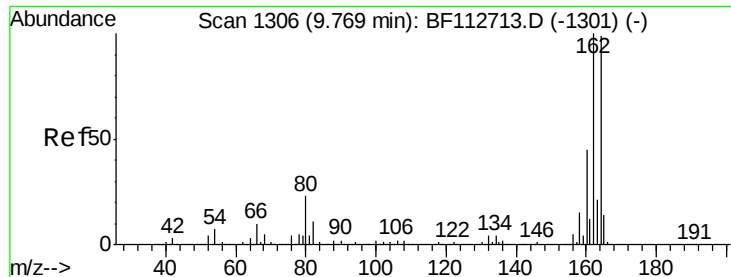
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





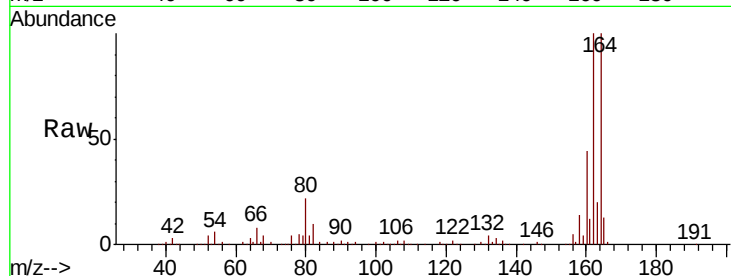
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.0	36.0	54.0

Manual Integrations
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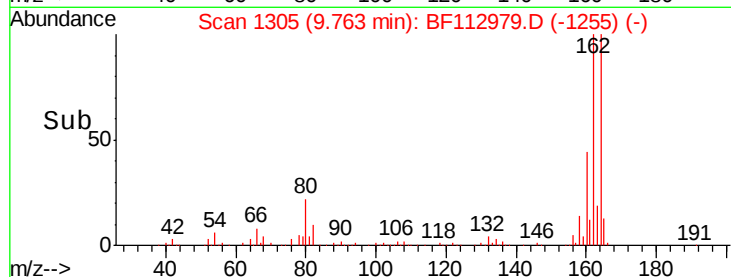
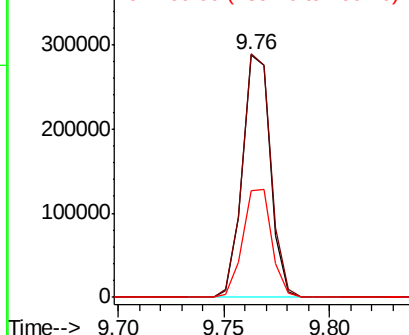


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.565 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	20.6	17.5	26.3
108	16.8	16.7	25.1

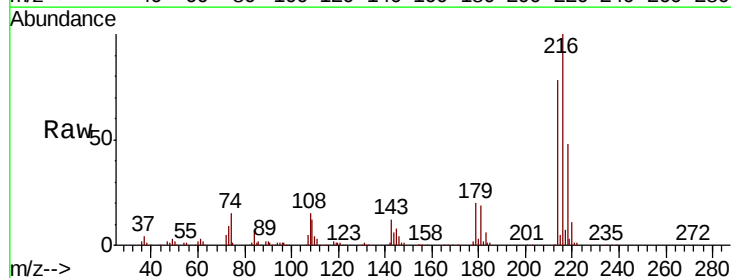
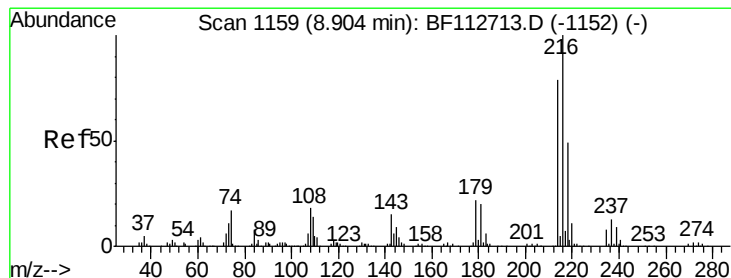
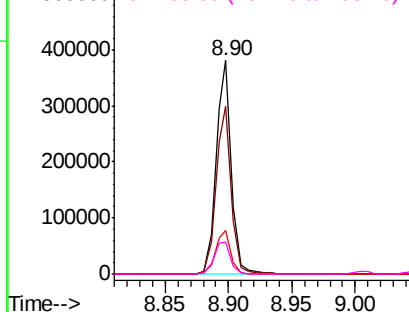
Abundance

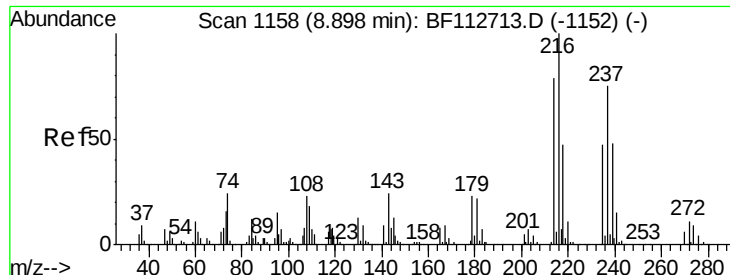
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.026 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

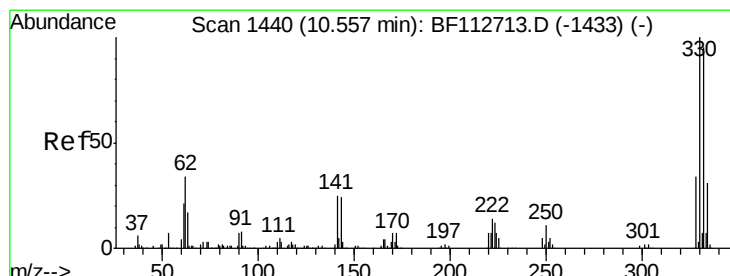
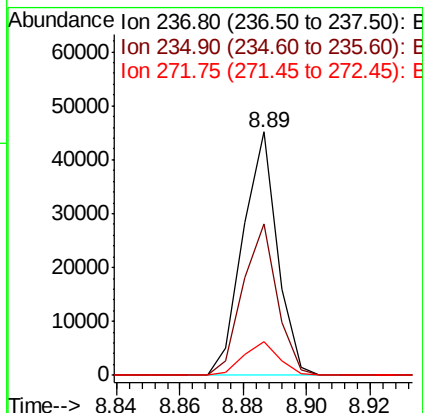
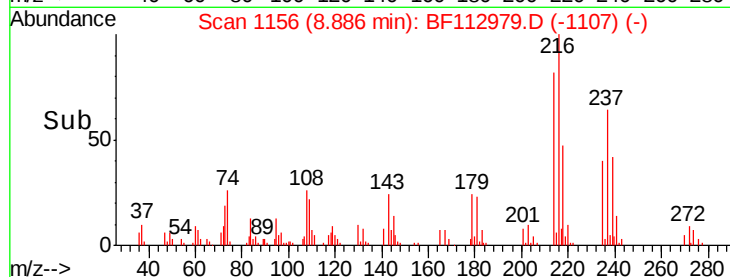
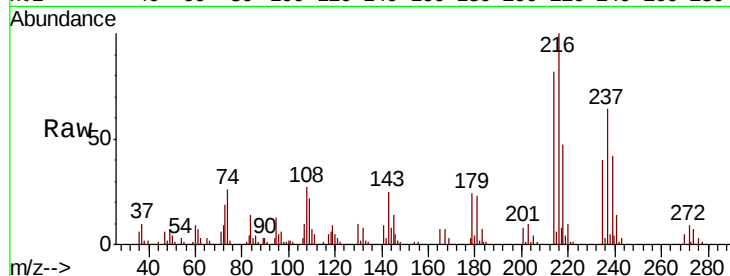
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	33802
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.2	82.2
272	13.8	0.0	34.0

Manual Integrations
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3/12/2019 4:29:08 PM



#42

2,4,6-Tribromophenol

Concen: 100.147 ng

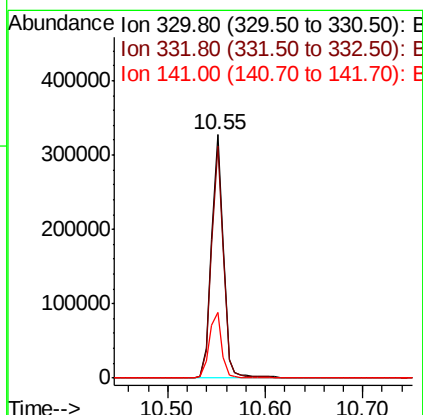
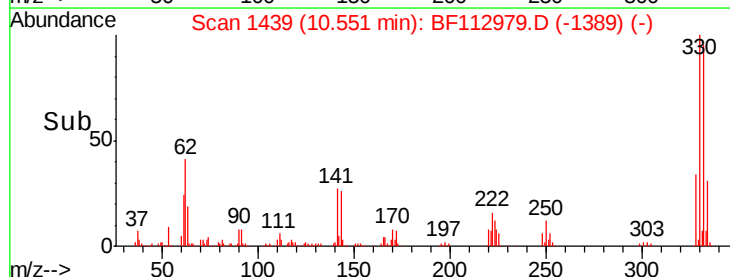
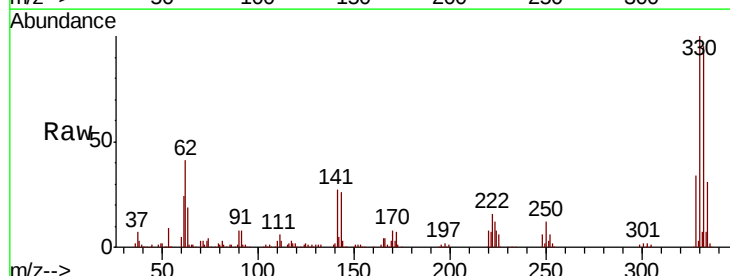
RT: 10.55 min Scan# 1439

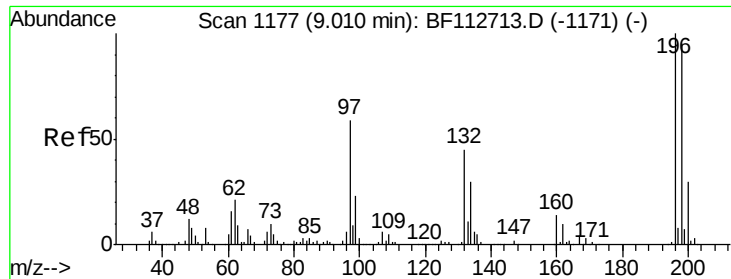
Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion:	330	Resp:	280408
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.2	114.4
141	28.1	27.0	40.6





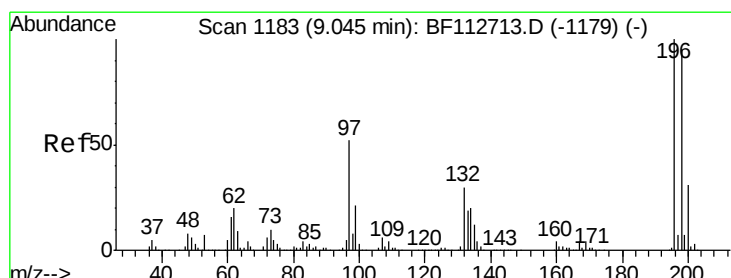
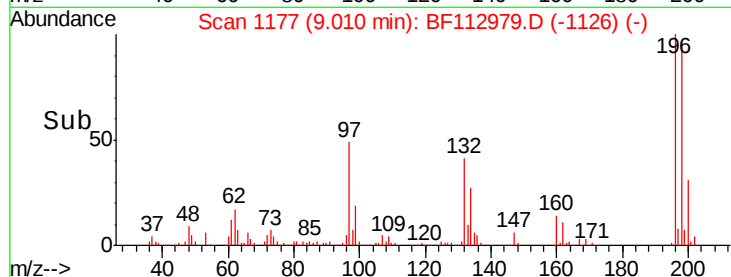
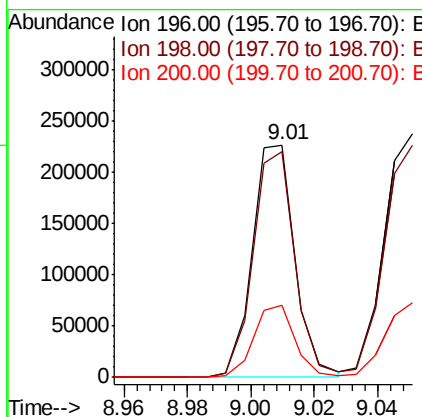
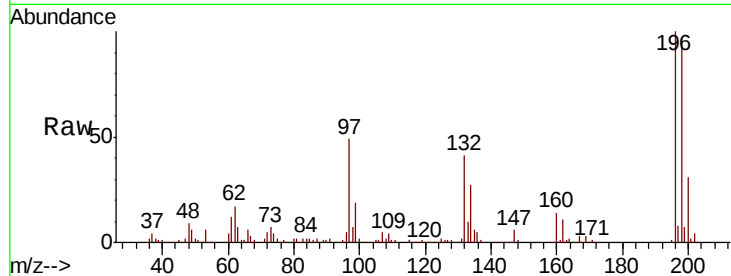
#43
 2,4,6-Trichlorophenol
 Concen: 39.874 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	211060
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.8	113.8
200	30.9	24.3	36.5

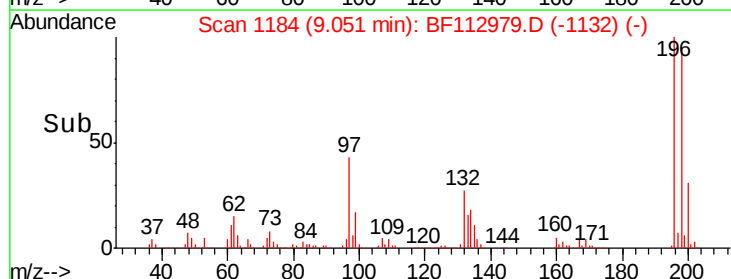
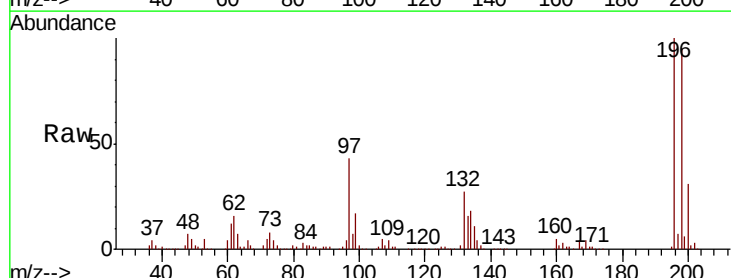
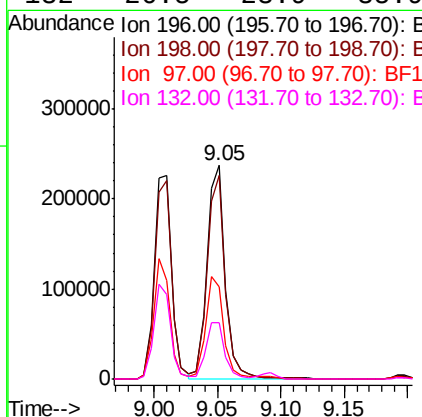
Manual Integrations
 APPROVED

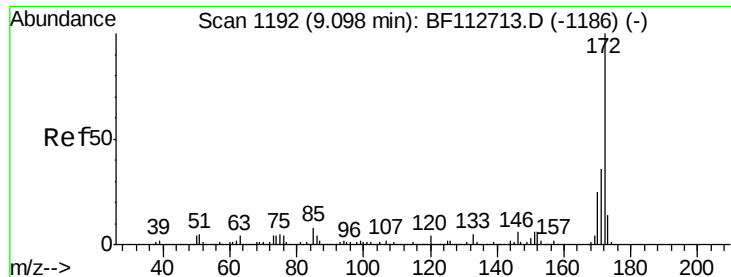
Sohil
 3/12/2019 4:29:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.634 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:	196	Resp:	238202
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.2
97	43.3	41.5	62.3
132	26.5	23.9	35.9





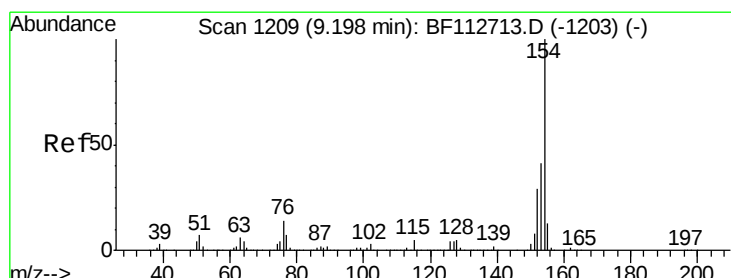
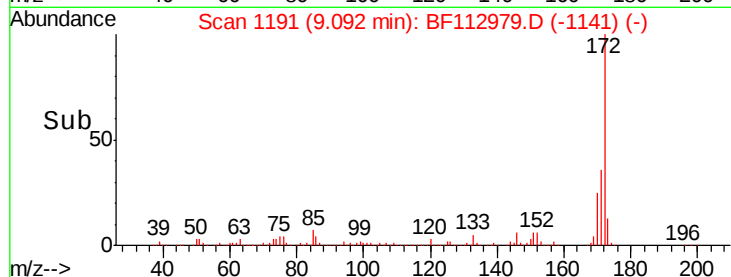
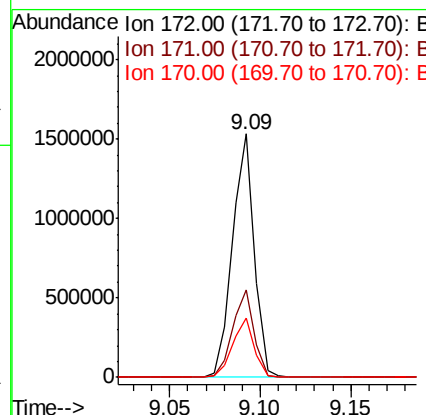
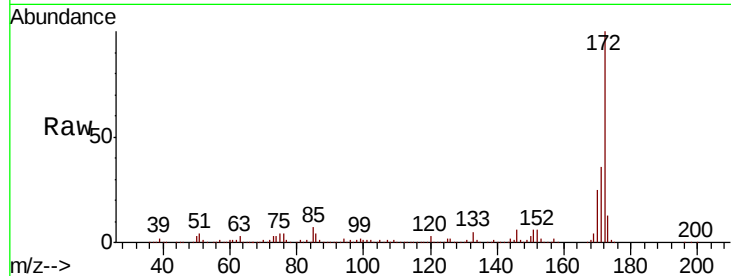
#45
2-Fluorobiphenyl
Concen: 79.418 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.9	29.0	43.4	
170	24.6	20.0	30.0	

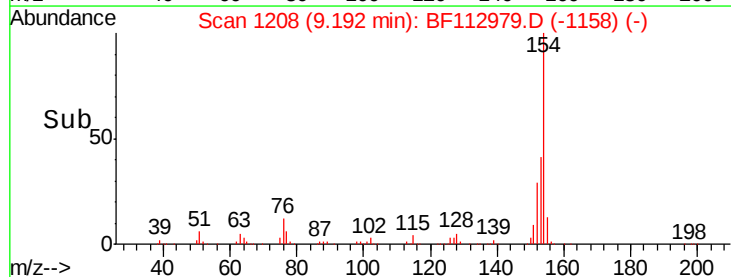
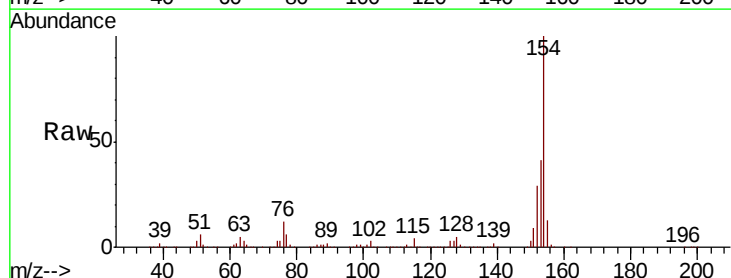
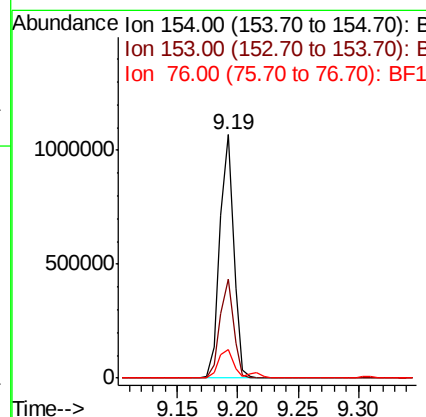
Manual Integrations
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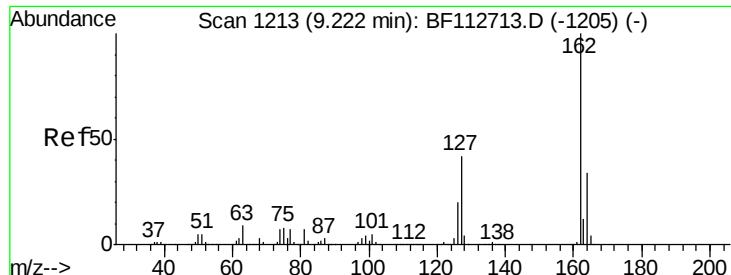
Sohil
3/12/2019 4:29:08 PM



#46
1,1'-Biphenyl
Concen: 39.121 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.7	20.8	60.8	
76	12.0	0.0	33.8	





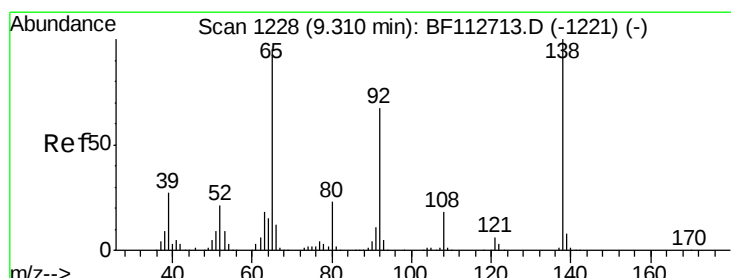
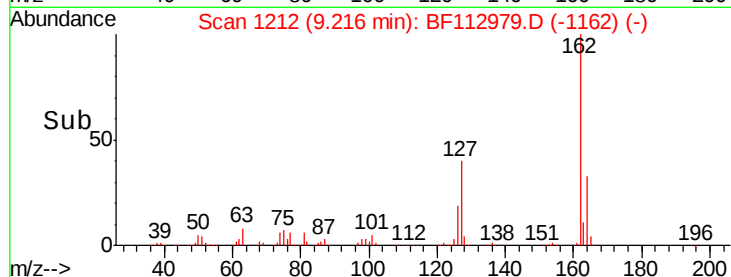
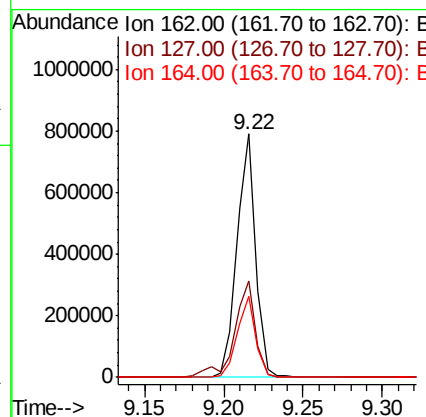
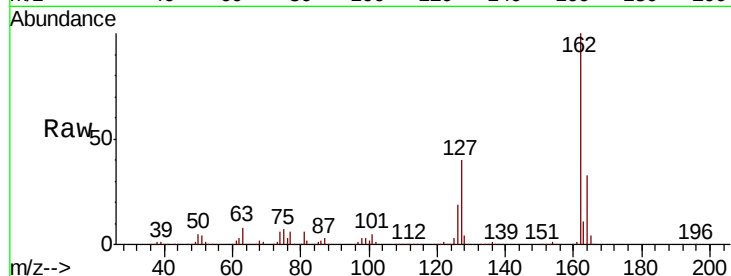
#47
2-Chloronaphthalene
Concen: 38.357 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	644309		
127	39.6		33.4	50.2
164	33.1		26.9	40.3

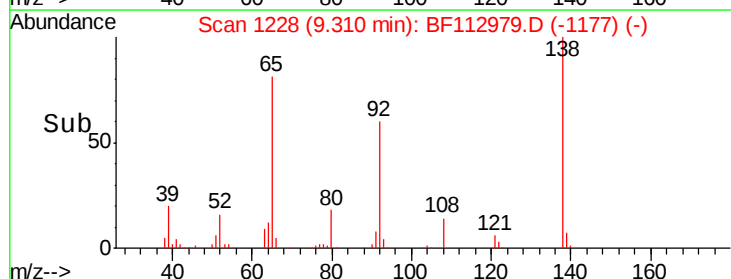
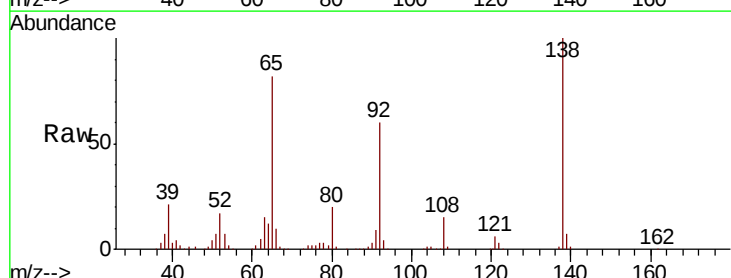
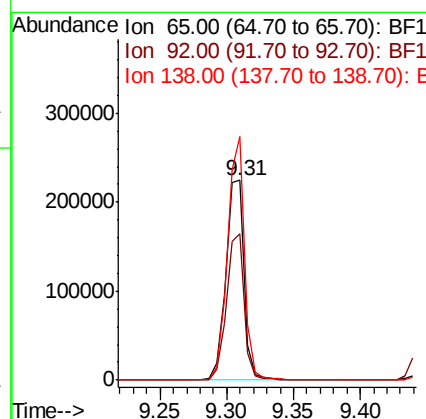
Manual Integrations
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#48
2-Nitroaniline
Concen: 42.625 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	217631		
92	73.6		56.4	84.6
138	122.0		84.6	126.8





#49

Acenaphthylene

Concen: 38.700 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1103587

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

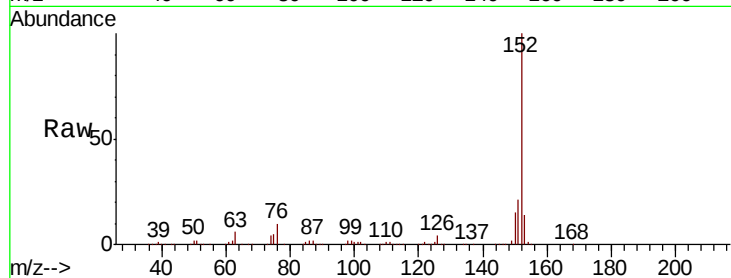
153 13.7 11.0 16.6

Manual Integrations

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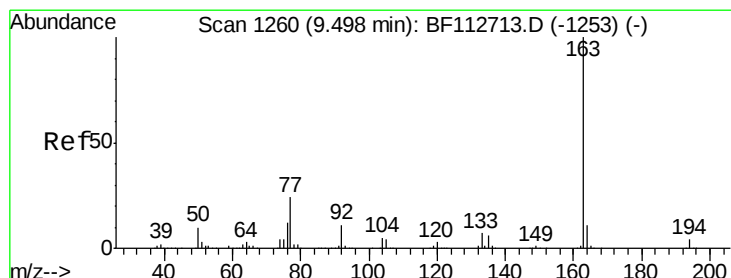
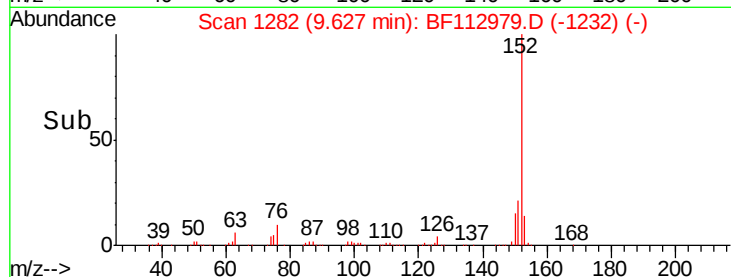
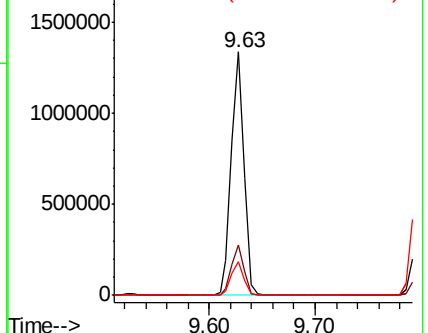
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.818 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

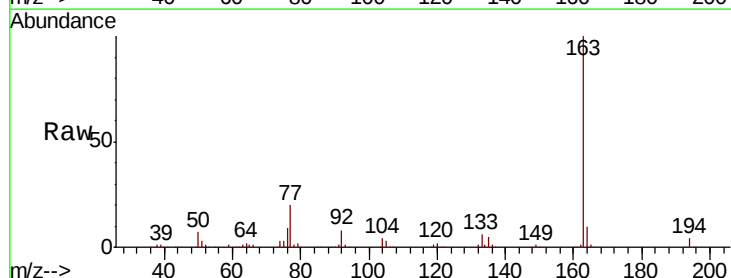
Tgt Ion:163 Resp: 754900

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

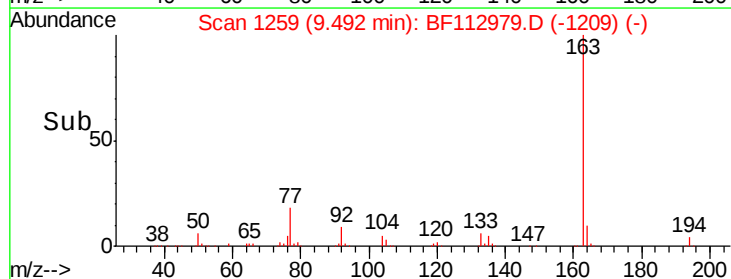
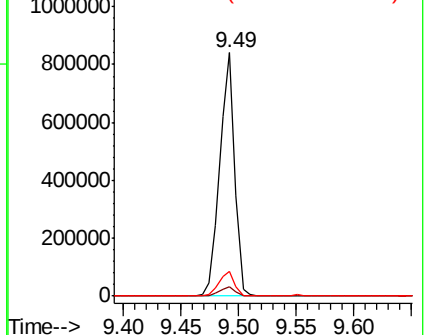
164 10.2 8.4 12.6

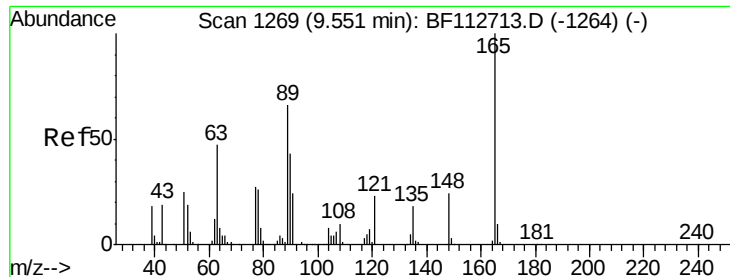


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





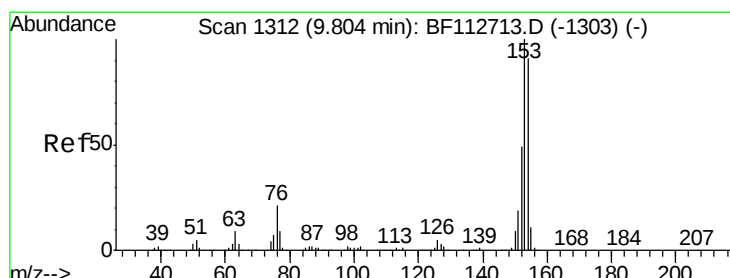
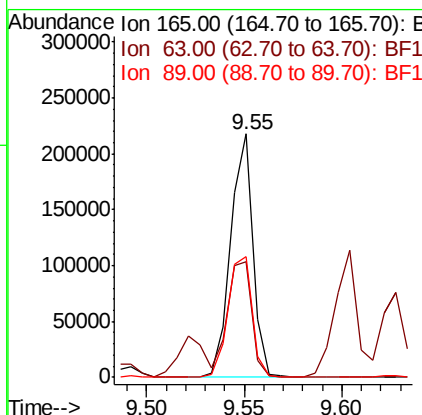
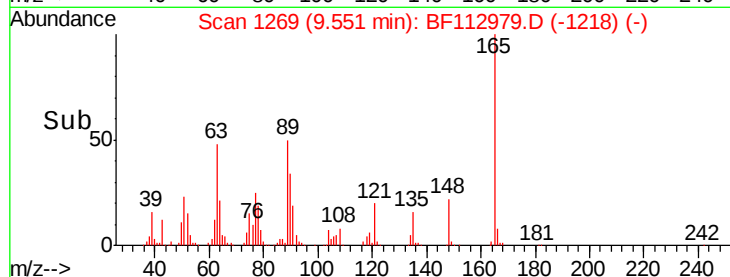
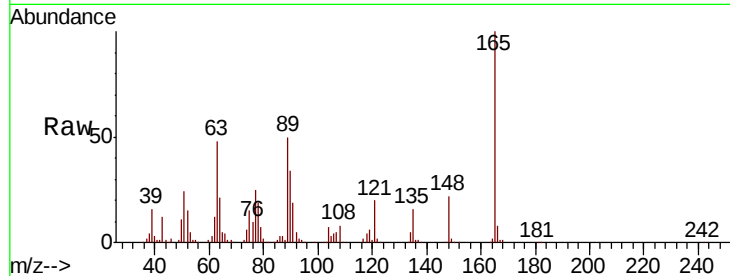
#51
2,6-Dinitrotoluene
Concen: 42.645 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	172697		
63	47.5	54.1	81.1#	
89	49.8	52.8	79.2#	

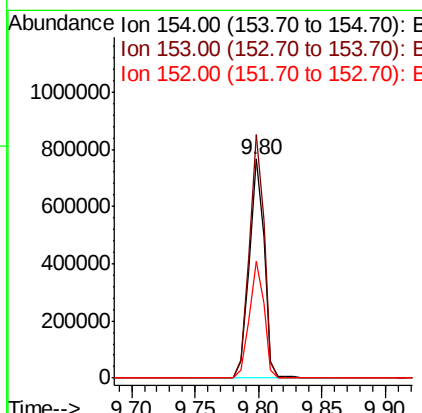
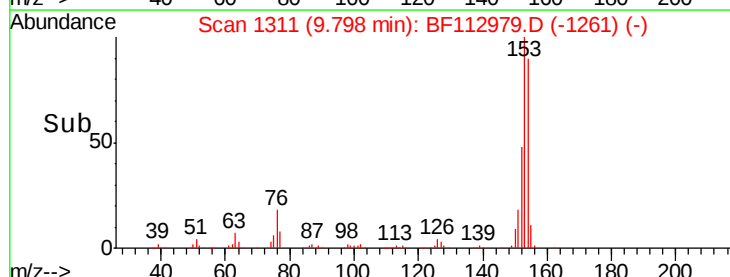
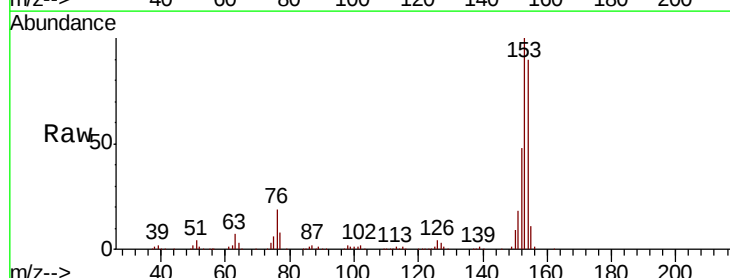
Manual Integrations
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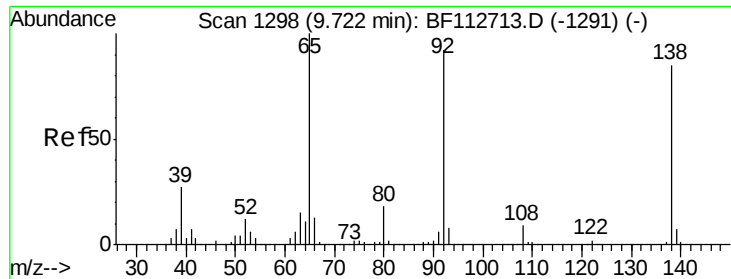
Sohil
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#52
Acenaphthene
Concen: 37.621 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	627373		
153	111.3	87.8	131.8	
152	53.6	43.0	64.6	





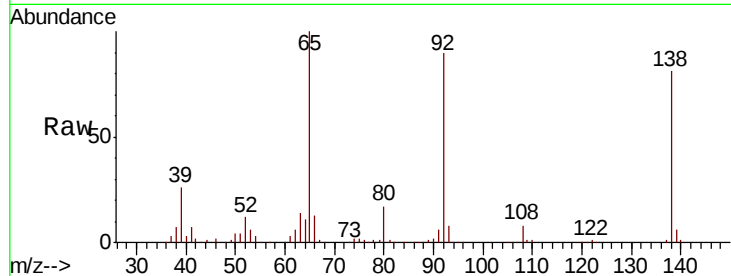
#53
3-Nitroaniline
Concen: 44.026 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.6	13.0
92	111.7	86.6	129.8

Manual Integrations
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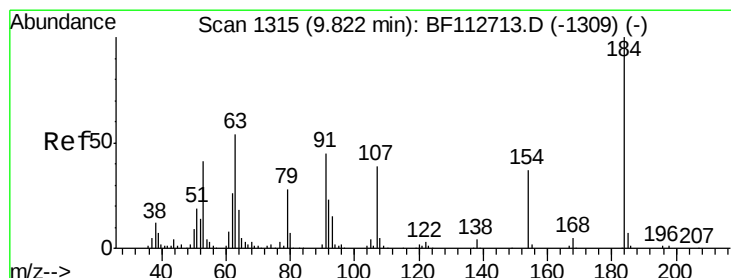
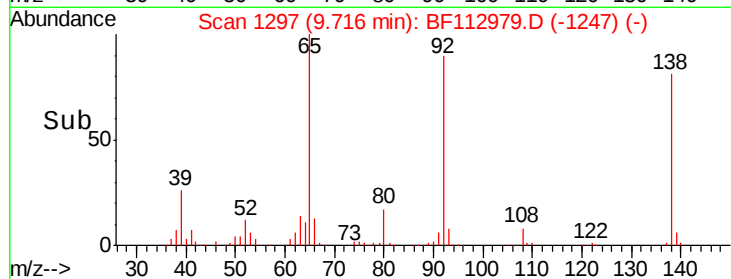
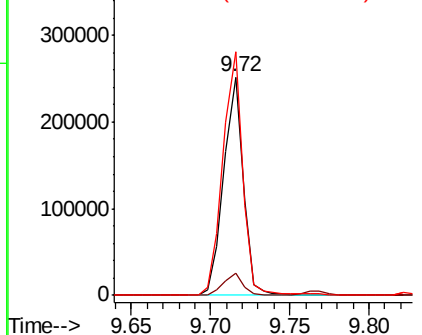


Abundance

Ion 138.00 (137.70 to 138.70): E

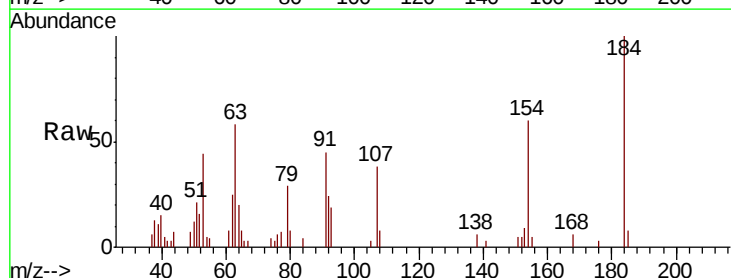
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 13.640 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	45.3	67.9
154	59.9	46.0	69.0

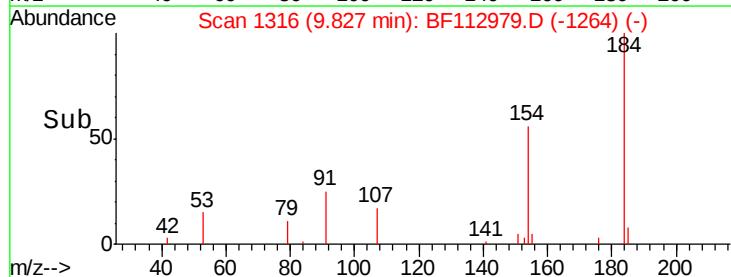
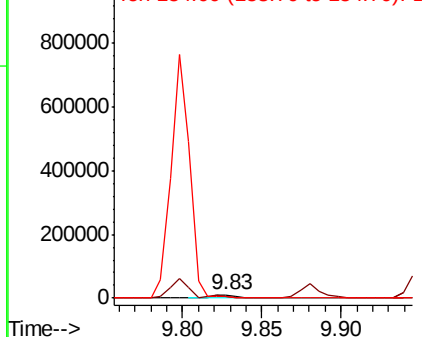


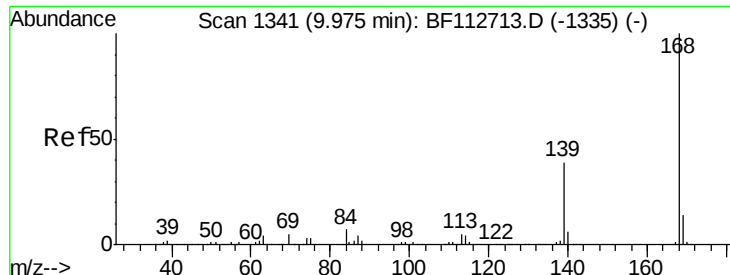
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





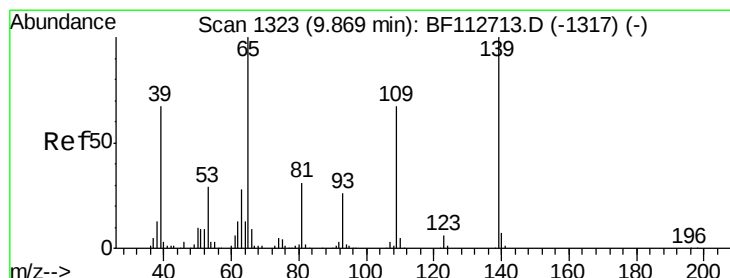
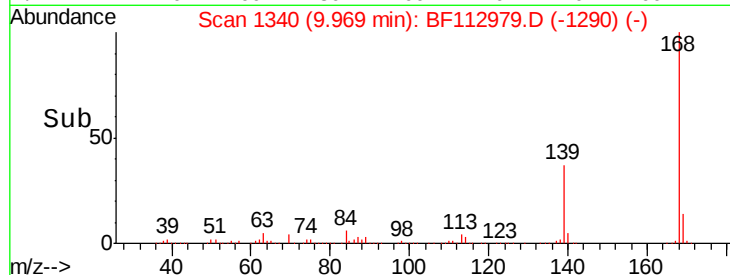
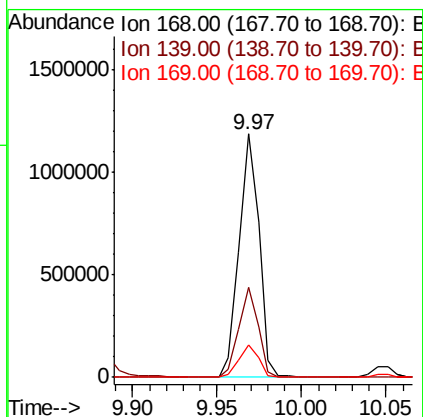
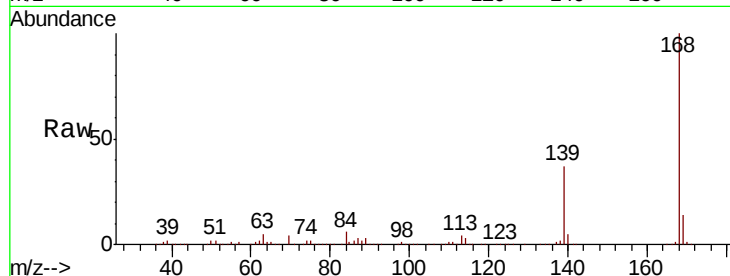
#55
Dibenzofuran
Concen: 40.197 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.3	46.9
169	13.6	11.3	16.9

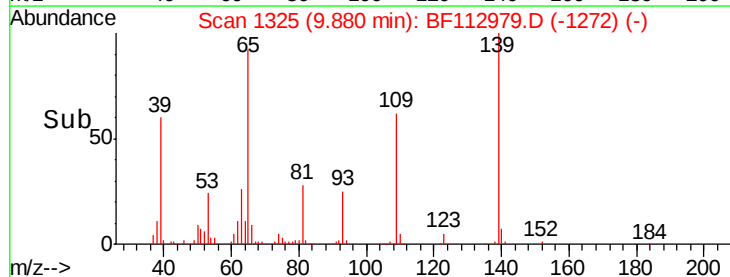
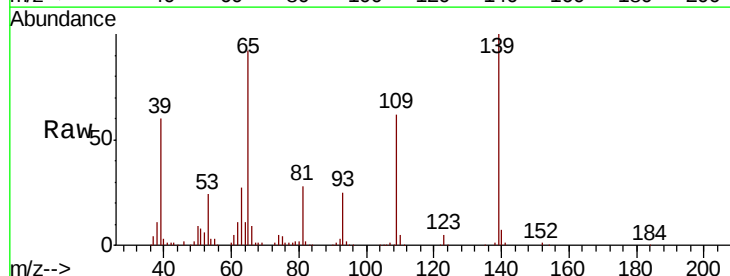
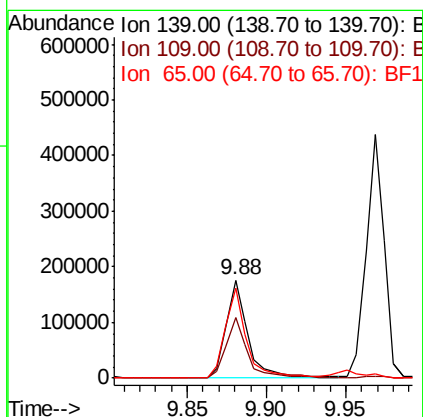
Manual Integrations
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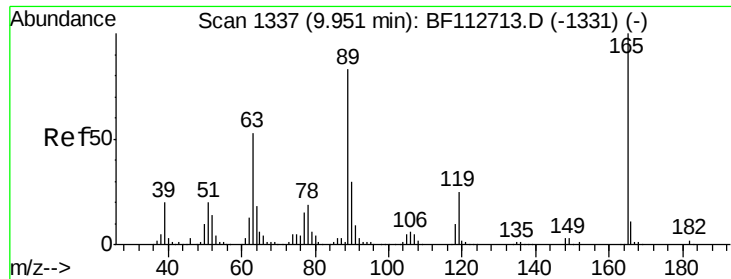
Sohil
3/12/2019 4:29:08 PM



#56
4-Nitrophenol
Concen: 41.971 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	46.8	86.8
65	92.2	80.7	120.7





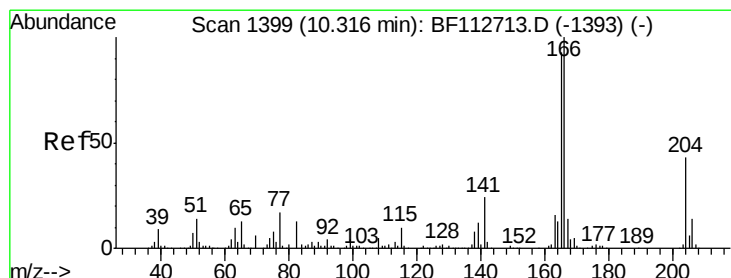
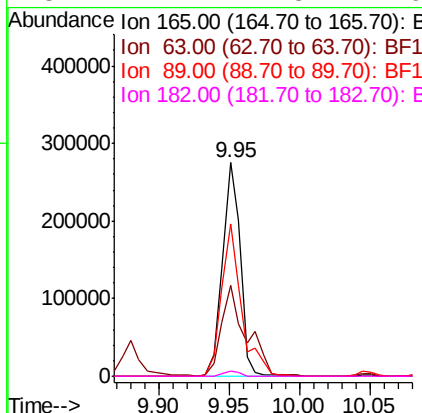
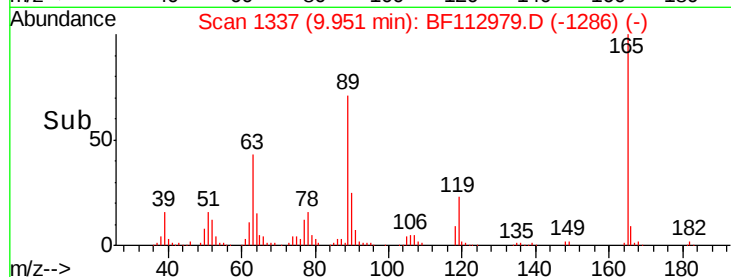
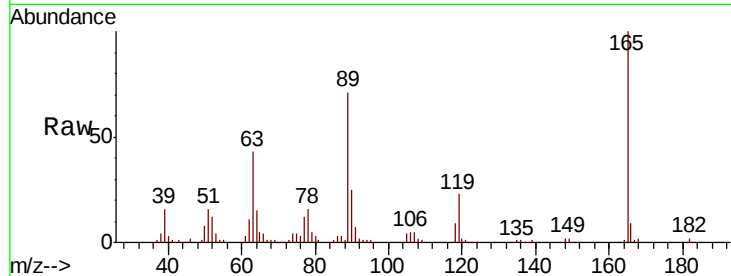
#57
2,4-Dinitrotoluene
Concen: 48.019 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
165	100			
63	42.8	42.2	63.2	
89	71.4	66.2	99.4	
182	2.4	1.8	2.6	

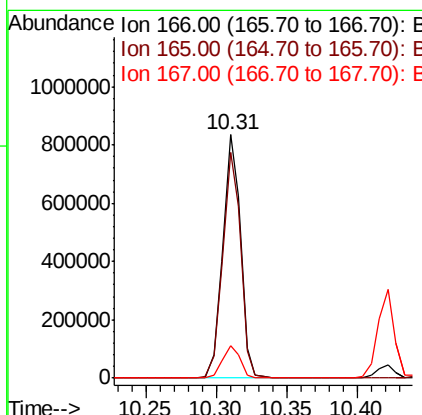
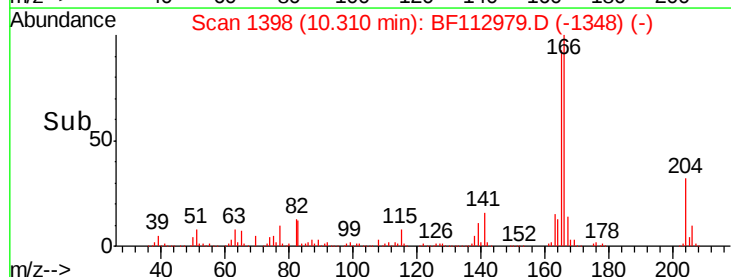
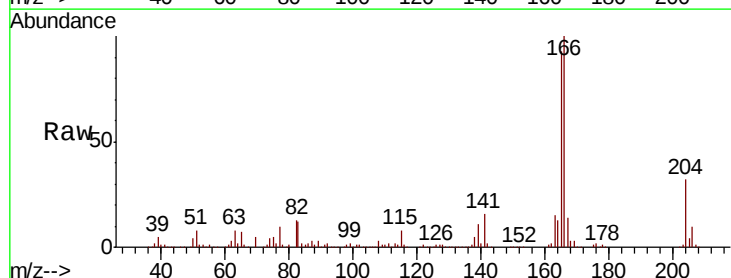
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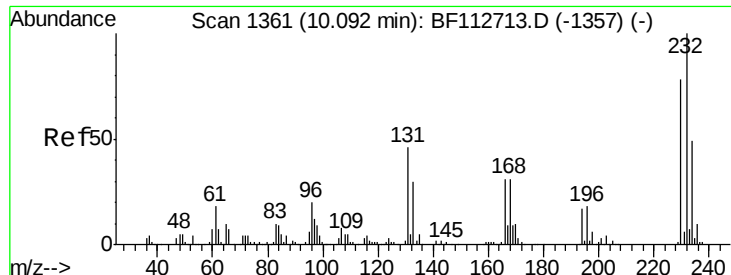
Sohil
3/12/2019 4:29:08 PM



#58
Fluorene
Concen: 42.581 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
166	100			
165	92.9	74.7	112.1	
167	13.6	11.0	16.6	





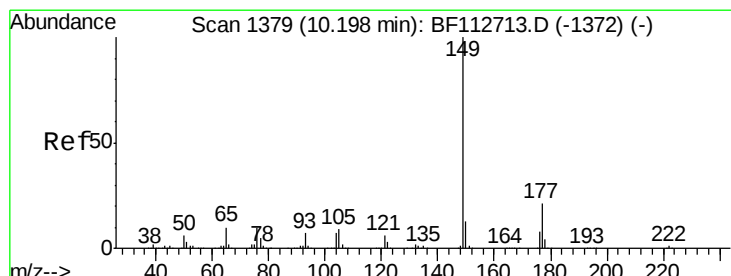
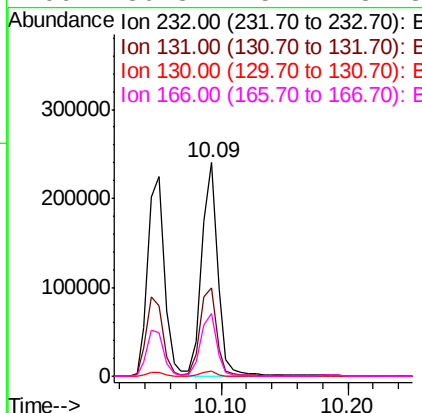
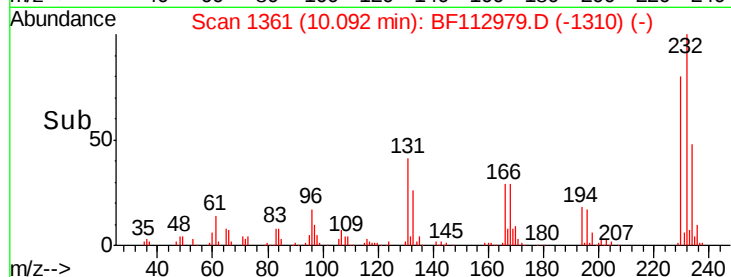
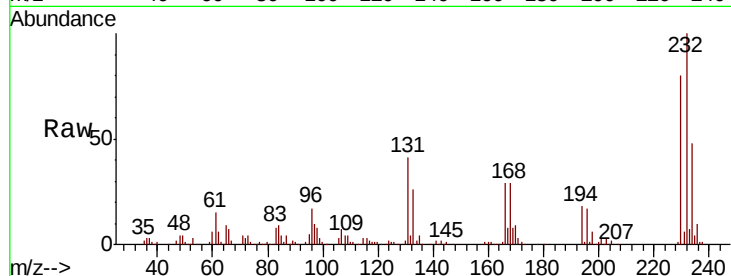
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.805 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	38.7	58.1
130	2.2	1.9	2.9
166	30.3	25.2	37.8

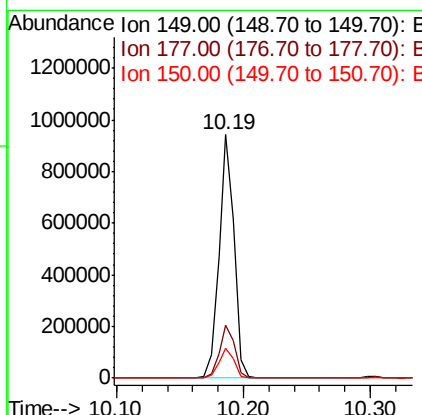
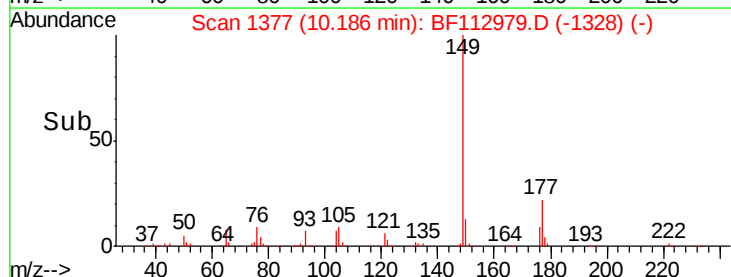
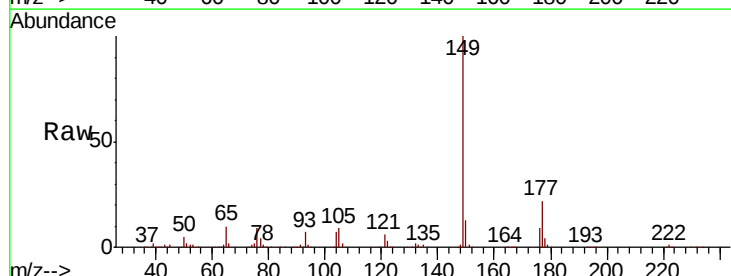
Manual Integrations
 APPROVED

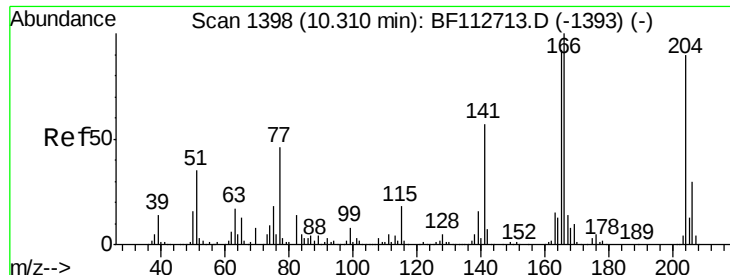
Sohil
 3/12/2019 4:29:08 PM



#60
 Diethylphthalate
 Concen: 38.267 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.5	10.0	15.0





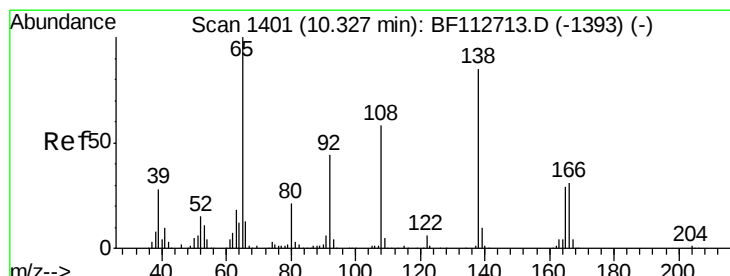
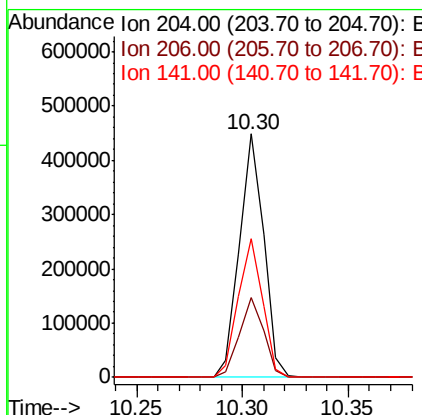
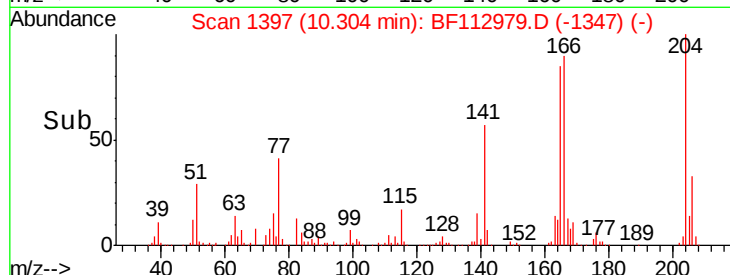
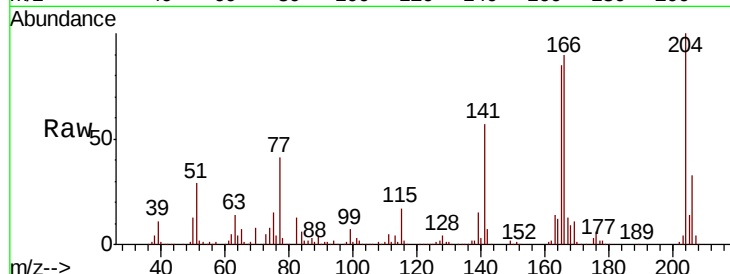
#61
4-Chlorophenyl-phenylether
Concen: 44.746 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	358133		
206	32.8	26.6	40.0	
141	57.2	50.8	76.2	

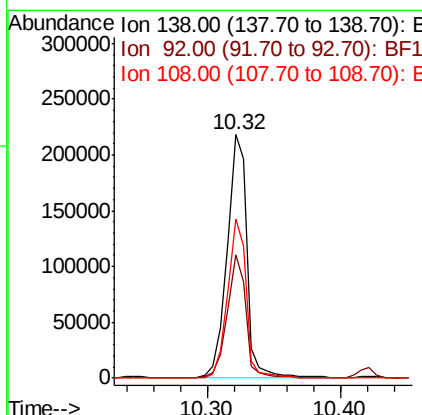
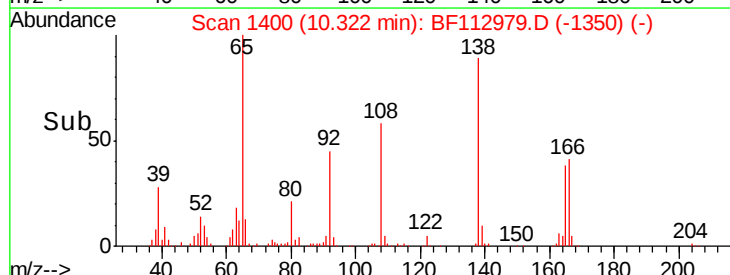
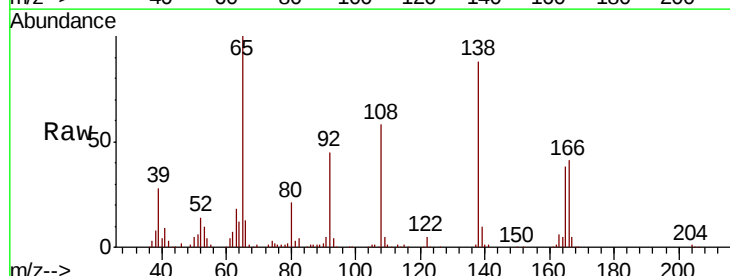
Manual Integrations
APPROVED

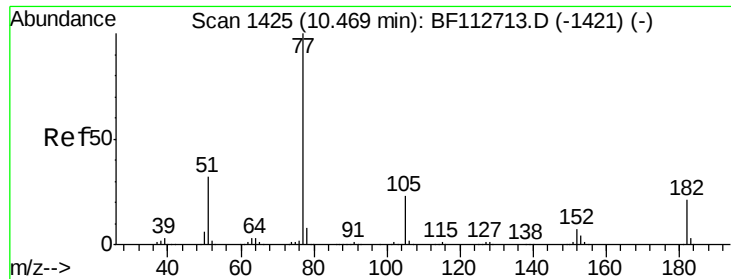
Sohil
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#62
4-Nitroaniline
Concen: 50.227 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	229026		
92	50.7	31.3	71.3	
108	65.6	48.1	88.1	





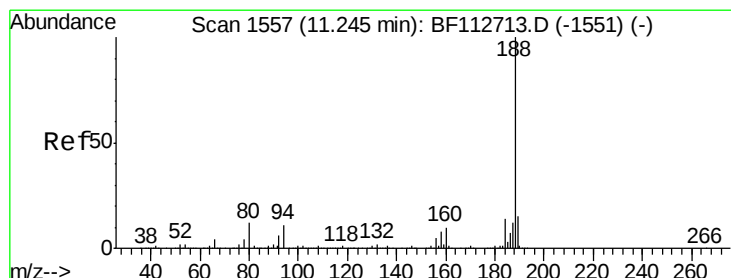
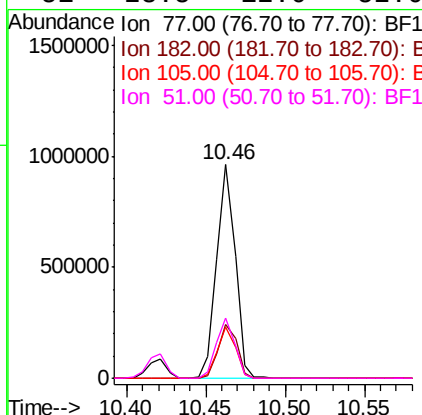
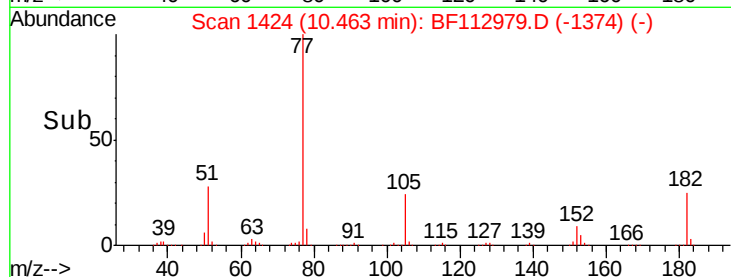
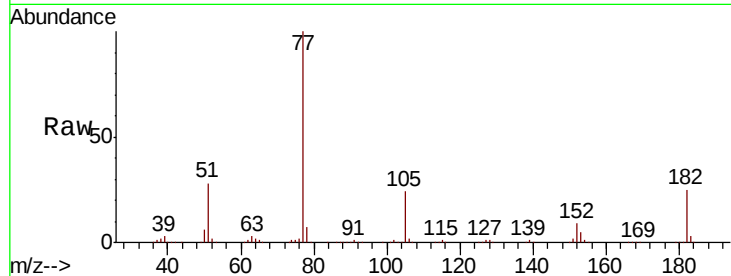
#63
Azobenzene
Concen: 37.139 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	1.4	41.4
105	23.7	2.6	42.6
51	28.5	12.0	52.0

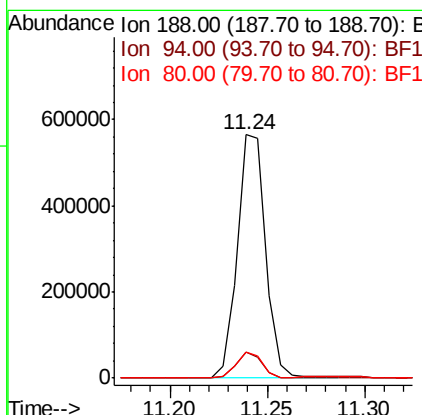
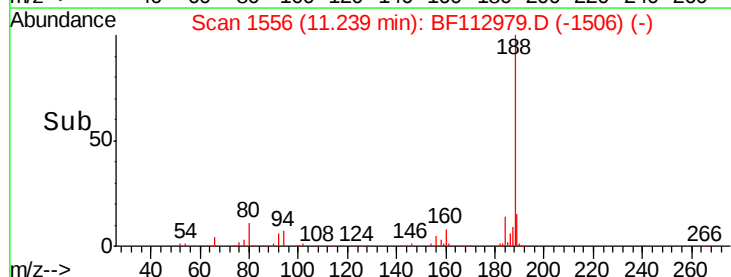
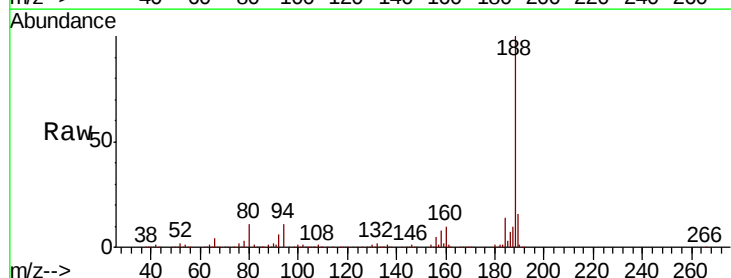
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	10.9	9.2	13.8





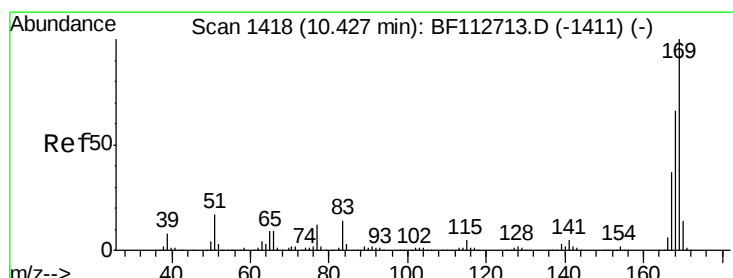
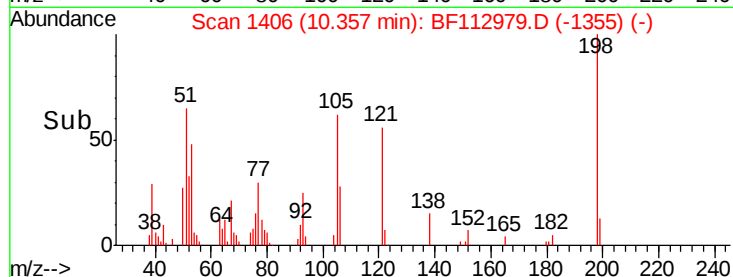
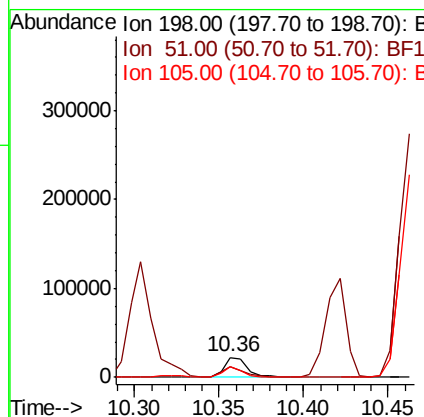
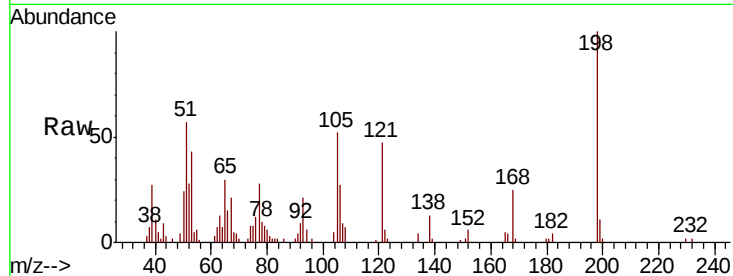
#65
4,6-Dinitro-2-methylphenol
Concen: 13.231 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	56.5	43.8	83.8
105	51.7	36.5	76.5

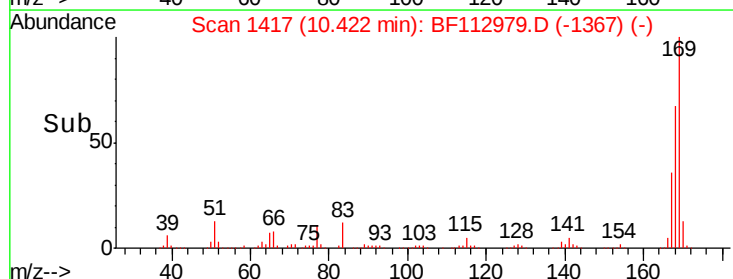
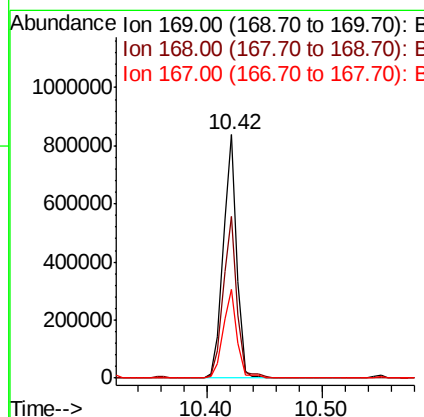
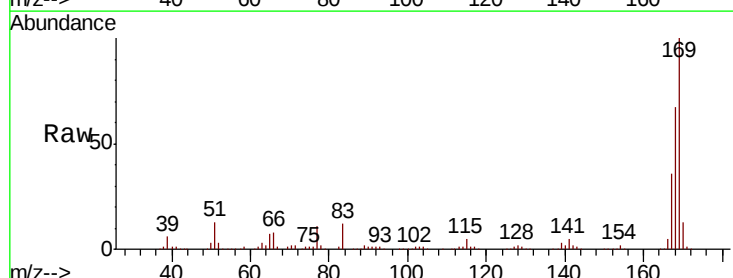
Manual Integrations
APPROVED

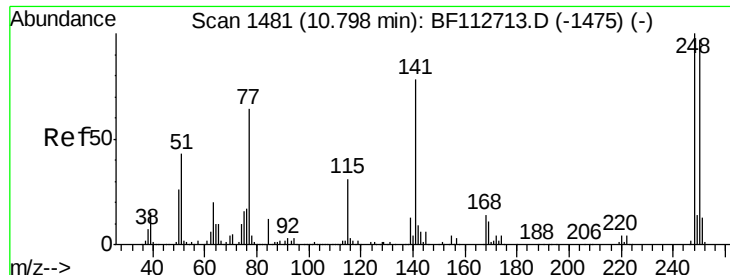
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 37.330 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.6
167	36.2	29.3	43.9





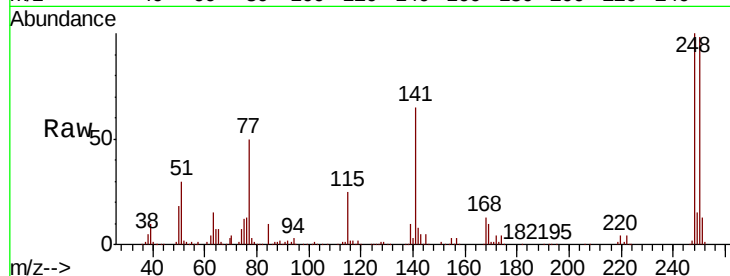
#67
4-Bromophenyl-phenylether
Concen: 41.413 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.5	116.3
141	64.6	62.4	93.6

Manual Integrations
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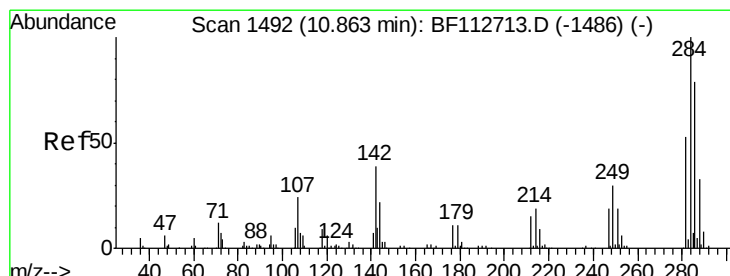
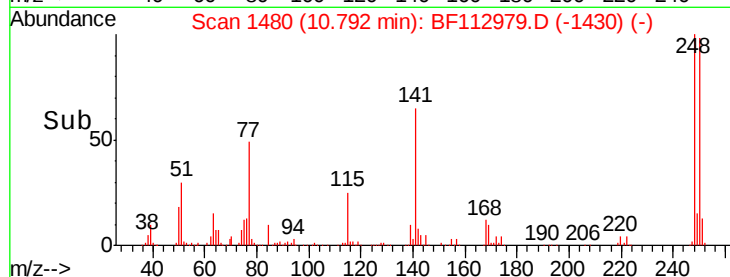
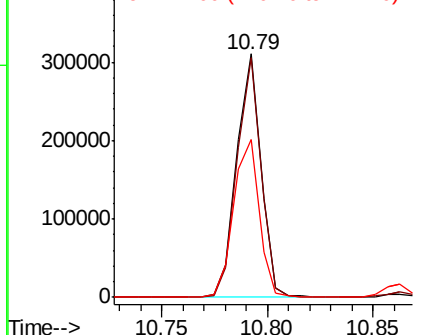


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.228 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

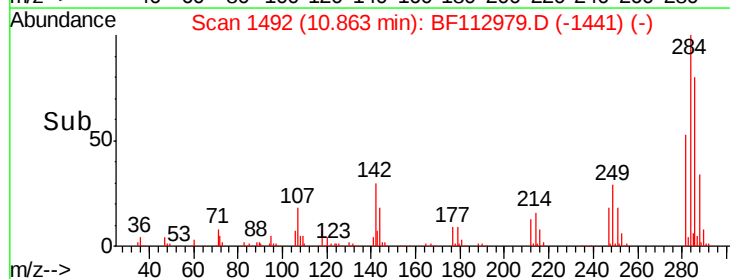
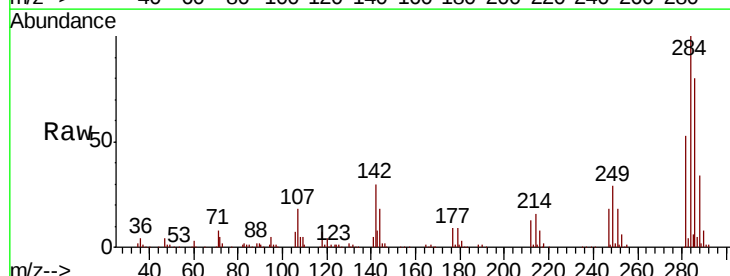
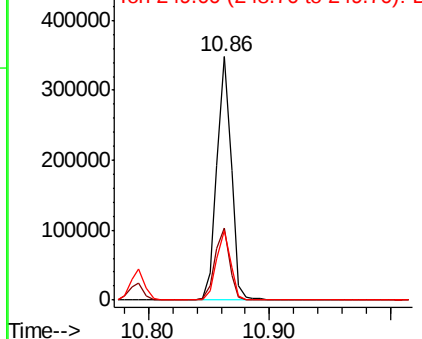
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	31.0	46.6#
249	28.8	23.6	35.4

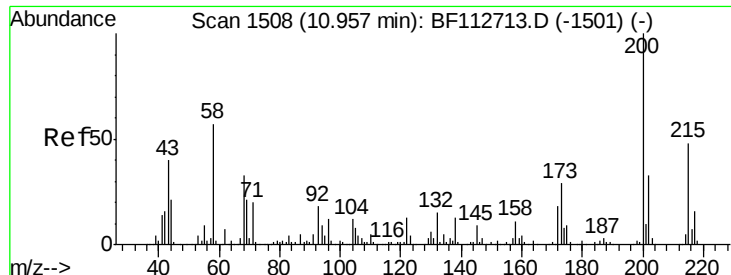
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





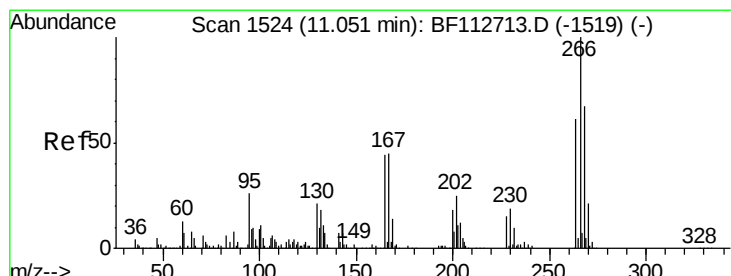
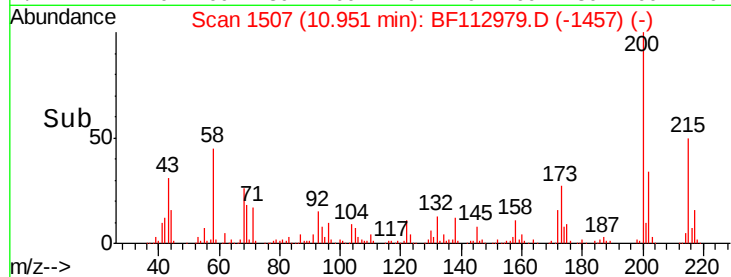
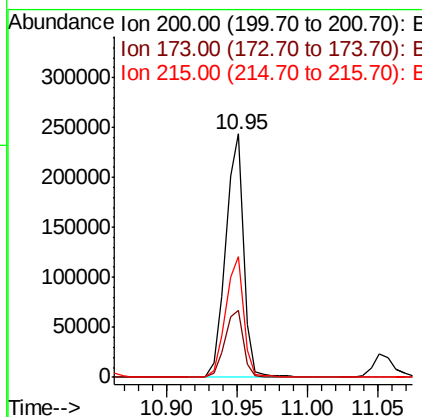
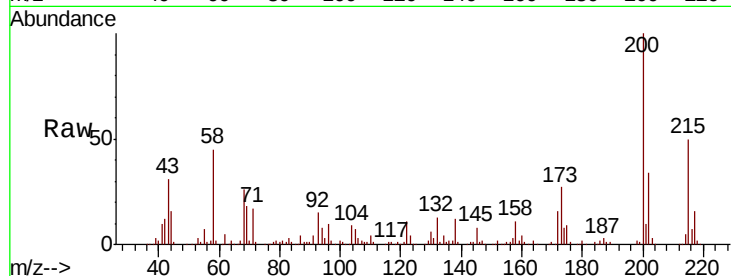
#69
 Atrazine
 Concen: 38.656 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	200	Resp:	215337
Ion Ratio	Lower	Upper	
200	100		
173	27.3	9.1	49.1
215	49.6	28.2	68.2

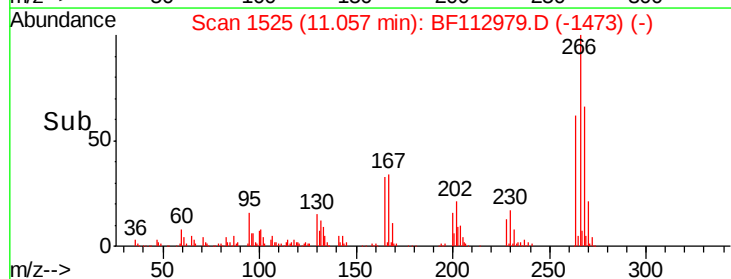
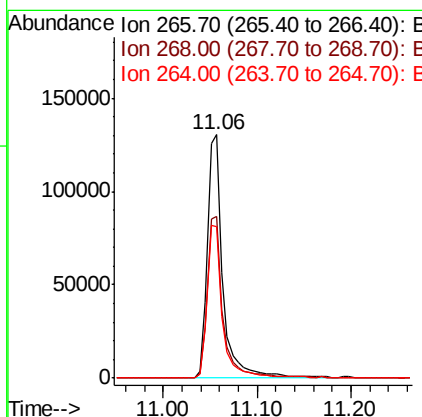
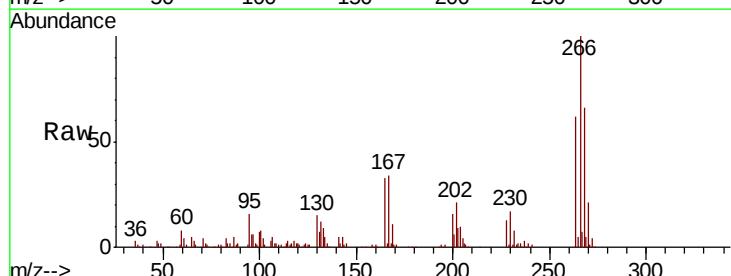
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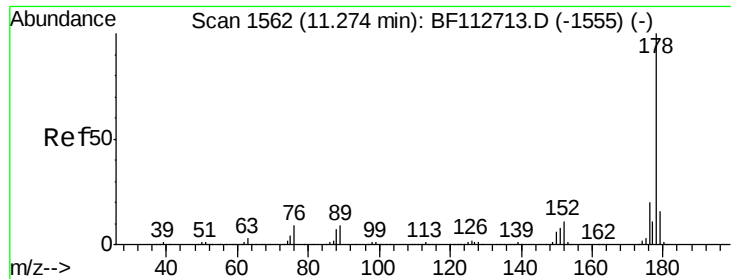
Sohil
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#70
 Pentachlorophenol
 Concen: 38.519 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:	266	Resp:	152665
Ion Ratio	Lower	Upper	
266	100		
268	66.2	53.3	79.9
264	62.2	48.9	73.3





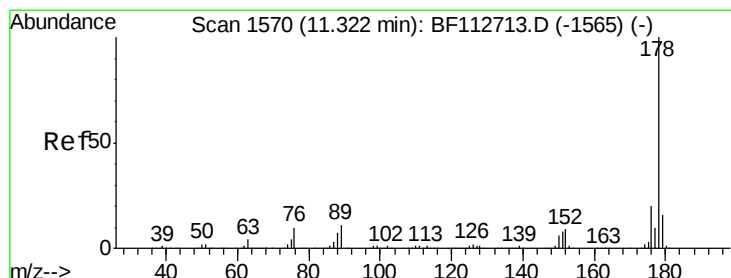
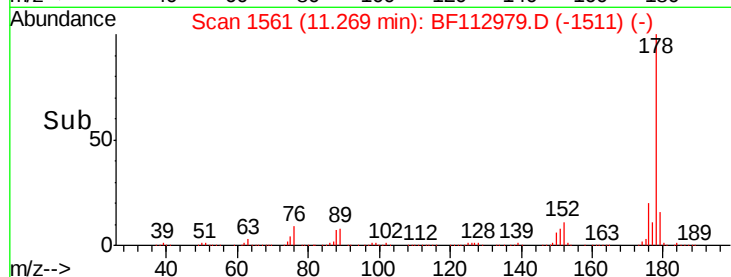
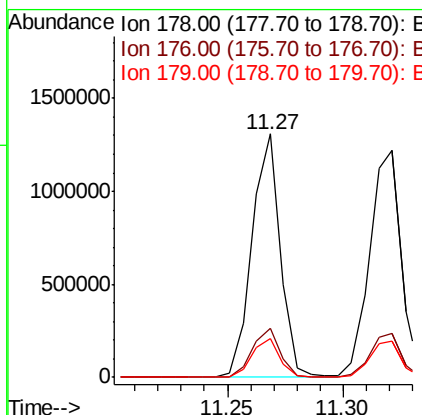
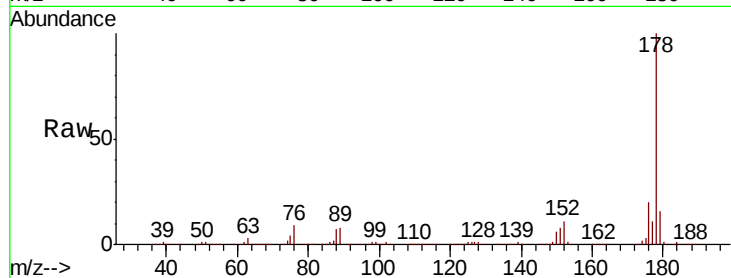
#71
Phenanthrene
Concen: 40.058 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1130327
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.0 12.7 19.1

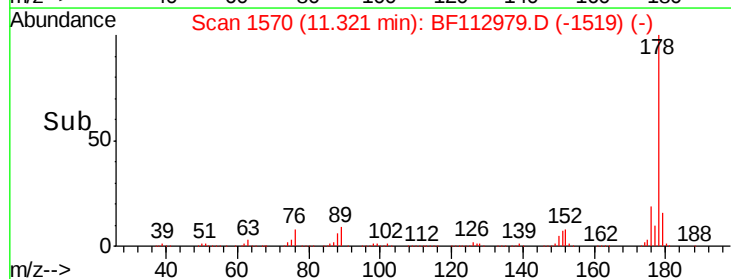
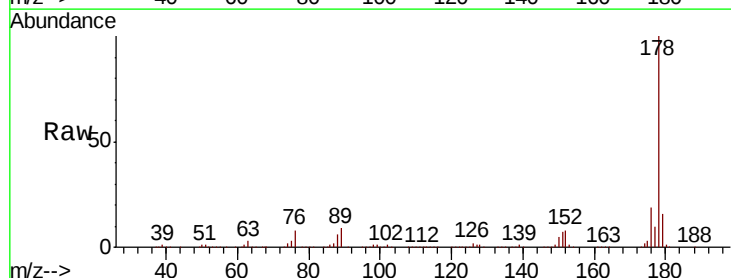
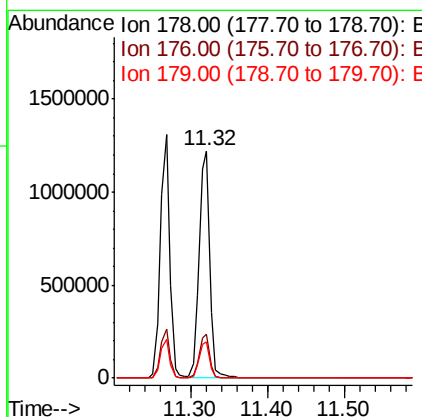
Manual Integrations
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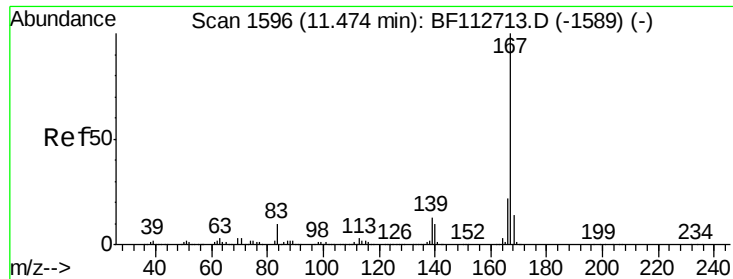
Sohil
3/12/2019 4:29:08 PM



#72
Anthracene
Concen: 39.995 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:178 Resp: 1181337
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.7 13.0 19.6





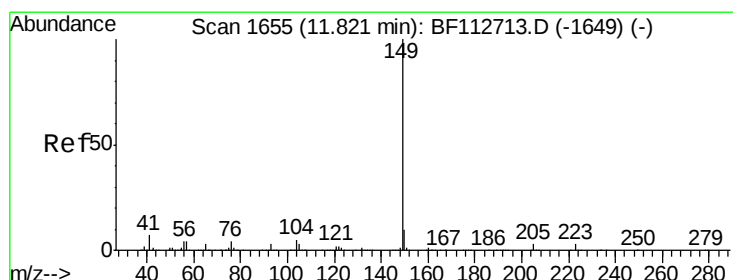
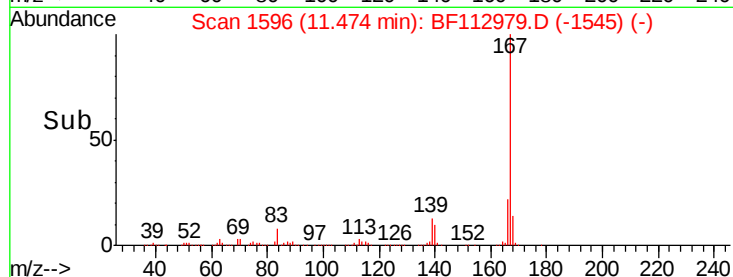
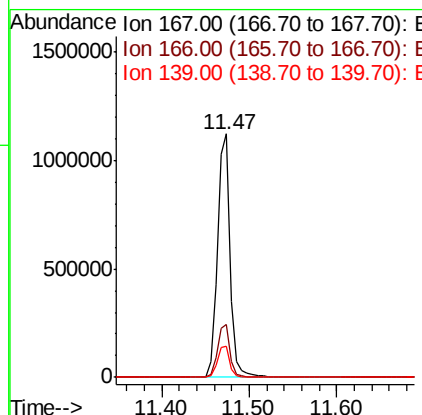
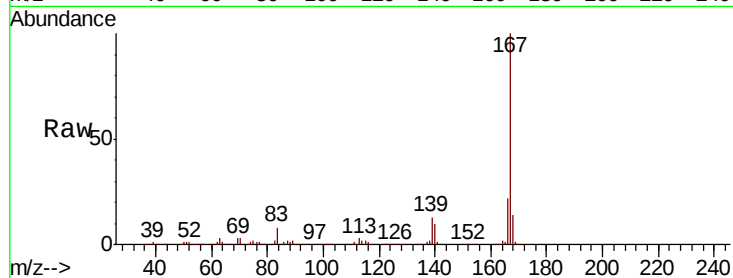
#73
 Carbazole
 Concen: 38.941 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	17.5	26.3	
139	12.6	10.8	16.2	

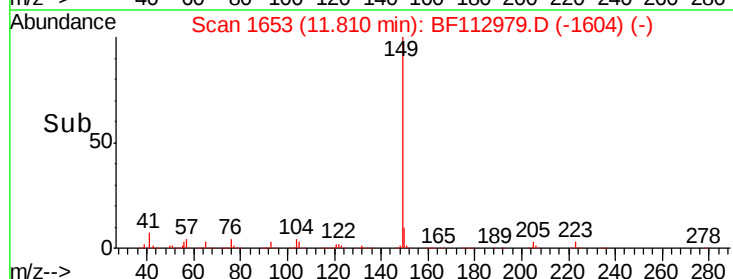
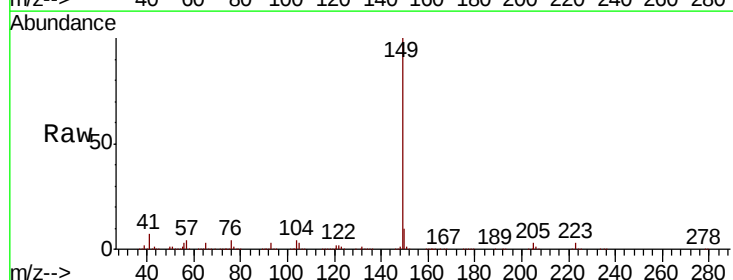
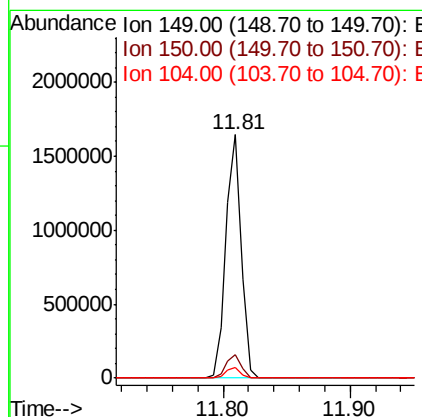
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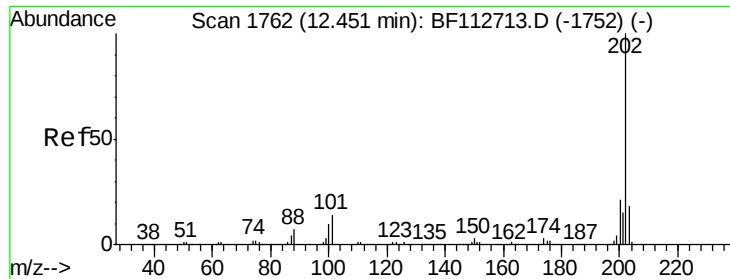
Sohil
 3/12/2019 4:29:08 PM



#74
 Di-n-butylphthalate
 Concen: 40.347 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.6	11.4	
104	4.3	3.7	5.5	





#75

Fluoranthene

Concen: 38.415 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

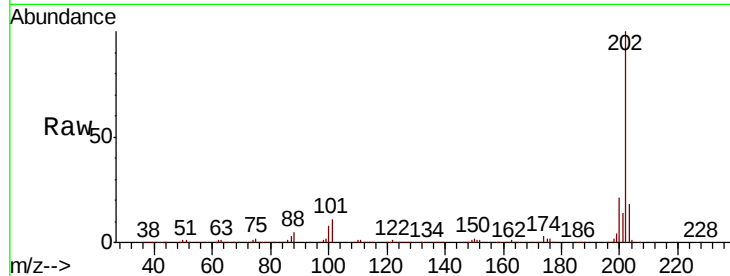
ClientSampleId :

SSTDCCC040

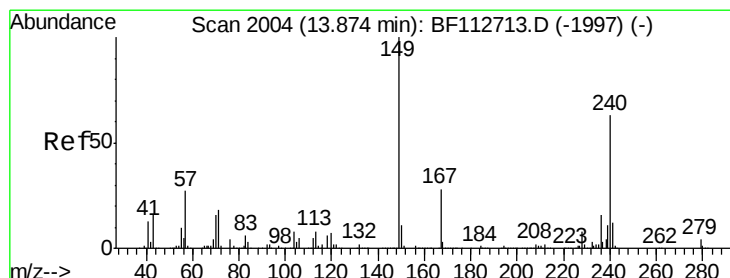
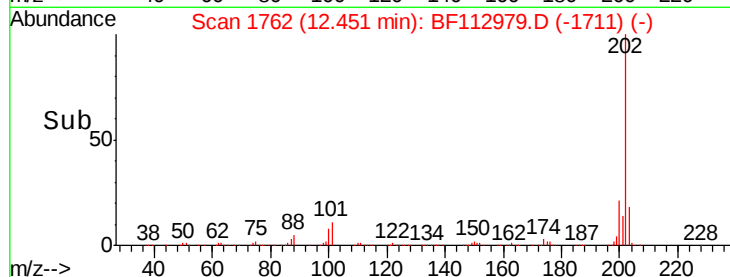
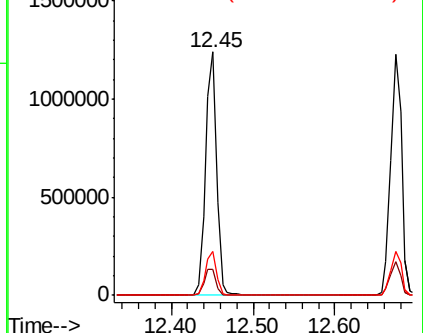
Tot Ion:	202	Resp:	1161341
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.8
203	17.8	0.0	38.4

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



#76

Chrysene-d12

Concen: 20.000 ng

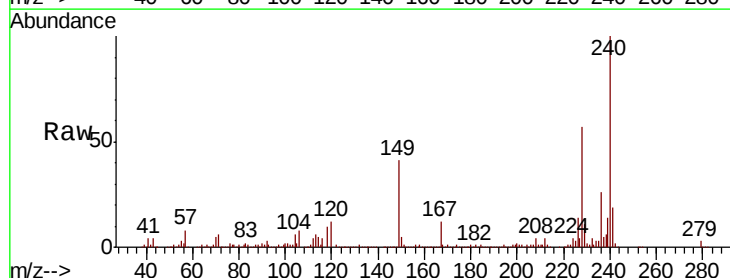
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

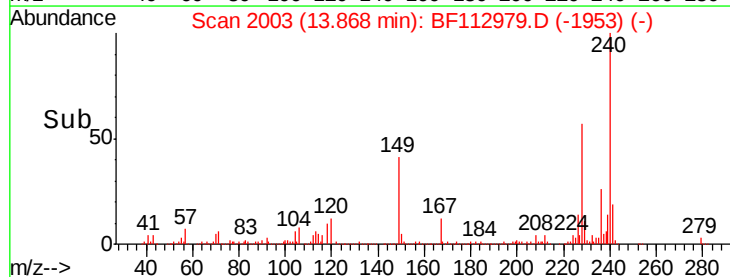
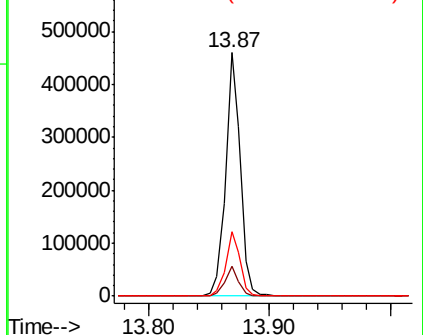
Lab File: BF112979.D

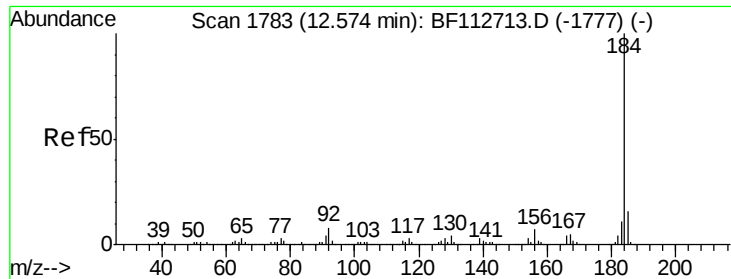
Acq: 12 Mar 2019 2:59

Tgt Ion:	240	Resp:	384201
Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	26.4	20.7	31.1



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





#77

Benzidine

Concen: 31.121 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

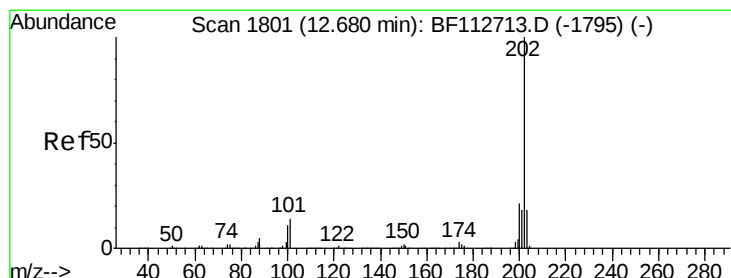
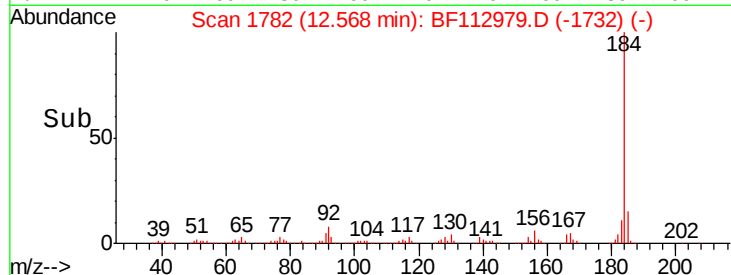
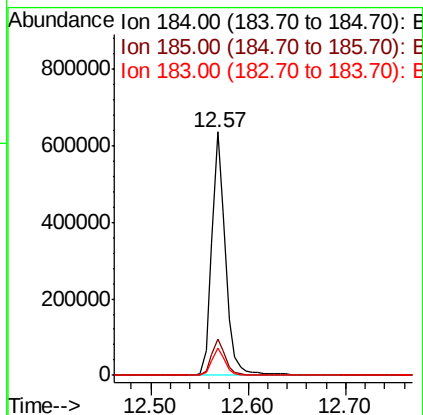
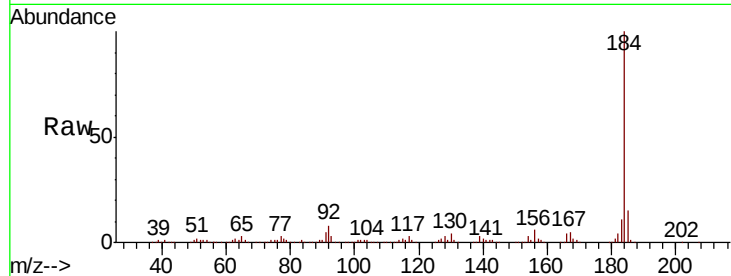
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	620345
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	11.1	8.6	12.8

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#78

Pyrene

Concen: 35.769 ng

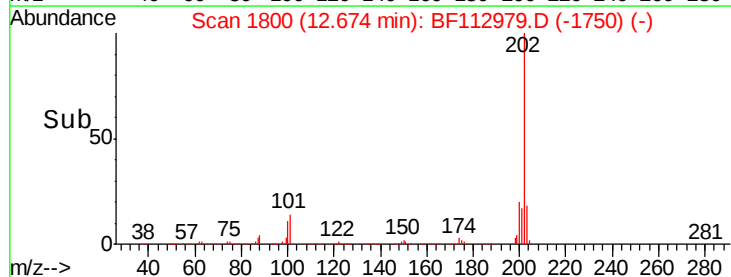
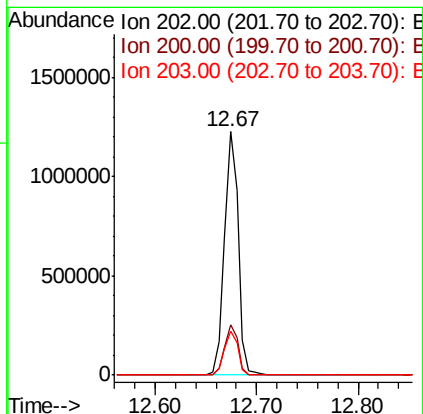
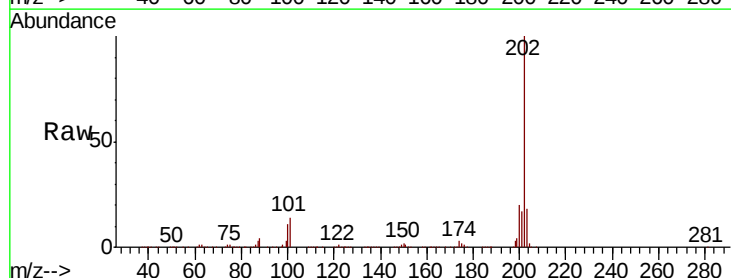
RT: 12.67 min Scan# 1800

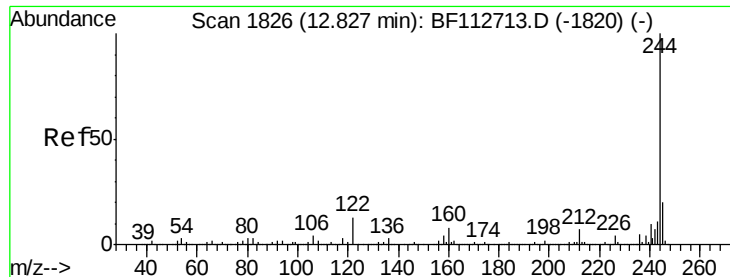
Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion:	202	Resp:	1158535
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.4
203	18.0	14.4	21.6





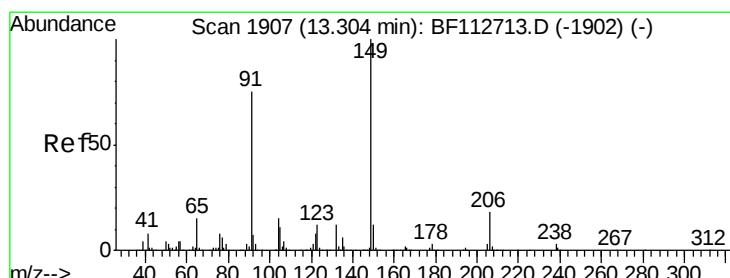
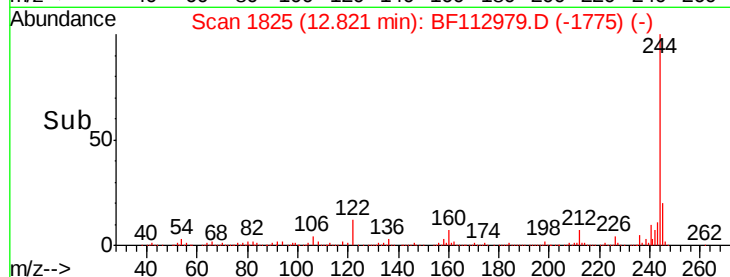
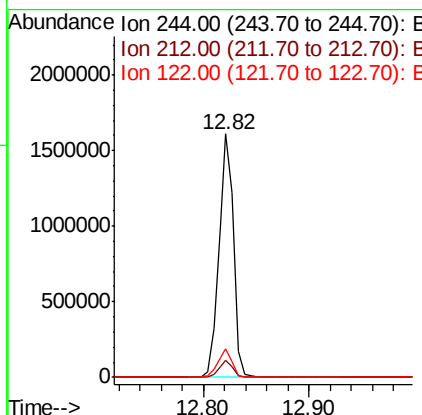
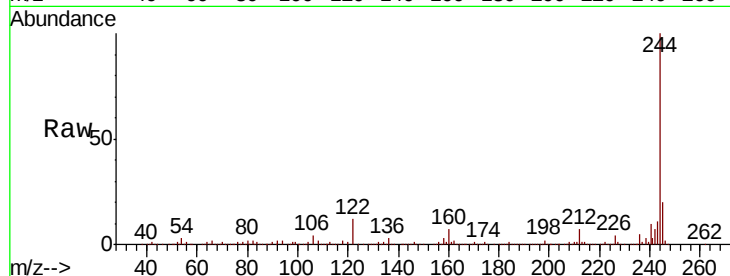
#79
 Terphenyl-d14
 Concen: 79.047 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.0	10.5	15.7

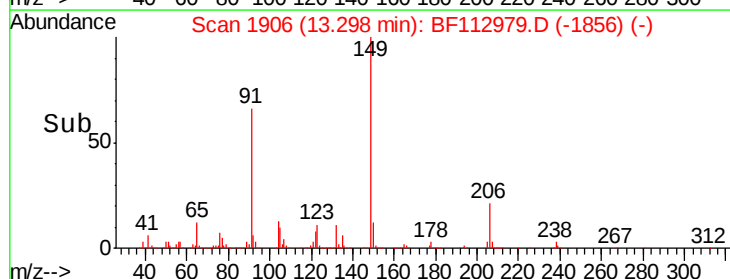
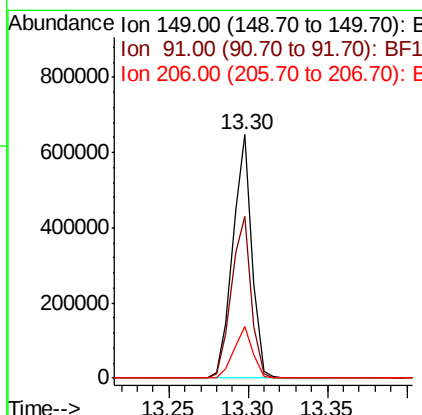
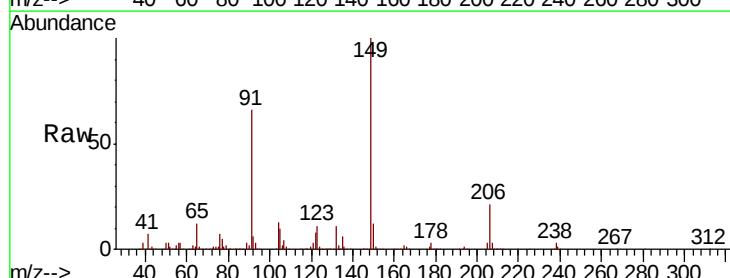
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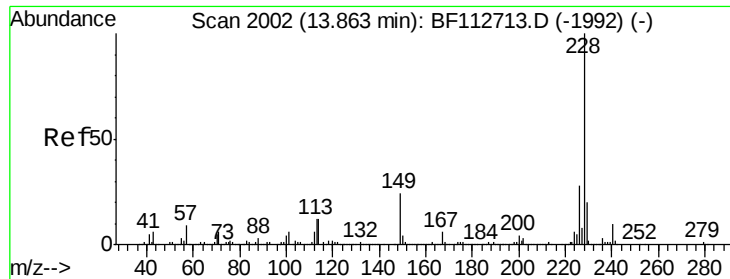
Sohil
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#80
 Butylbenzylphthalate
 Concen: 37.804 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	59.9	89.9
206	21.3	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.846 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

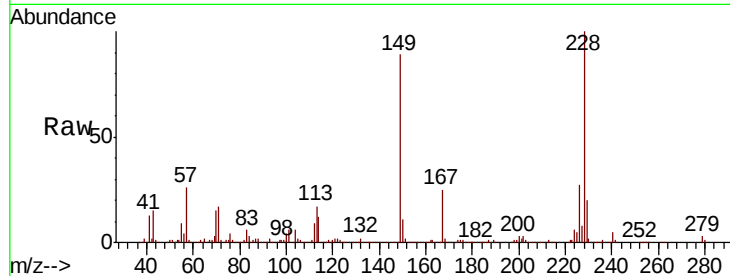
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	901237
Ion Ratio		Lower	Upper
228	100		
226	26.6	22.2	33.4
229	19.8	16.0	24.0

Manual Integrations
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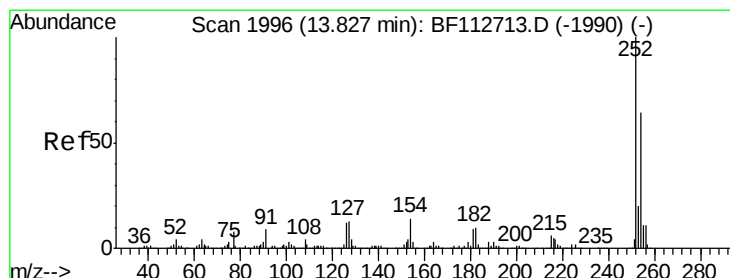
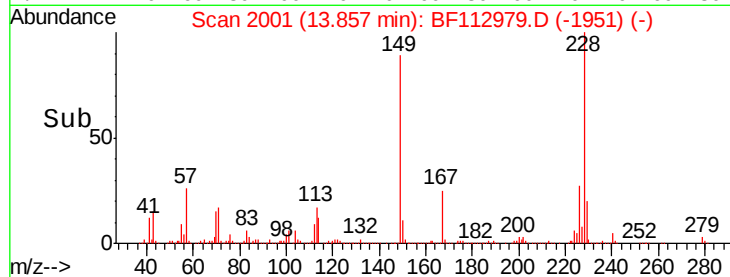
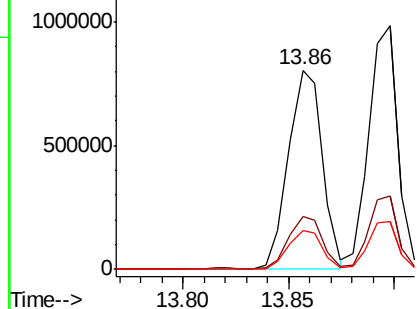


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.536 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

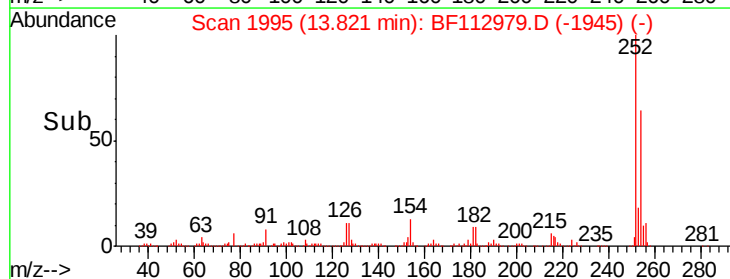
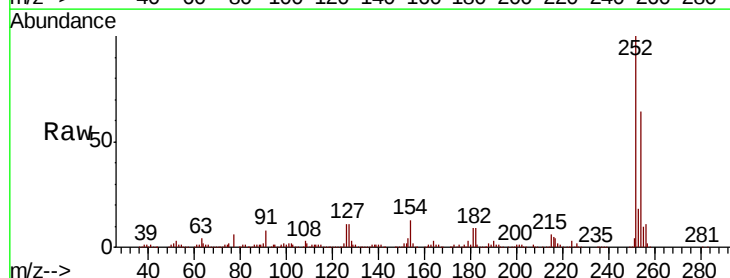
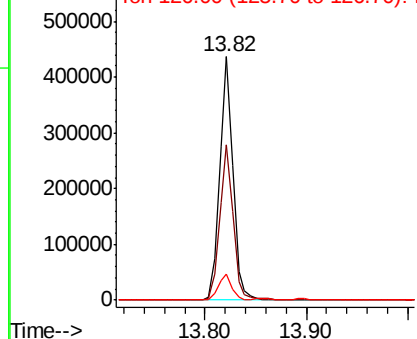
Tgt Ion:	252	Resp:	398157
Ion Ratio		Lower	Upper
252	100		
254	64.0	51.1	76.7
126	10.8	9.9	14.9

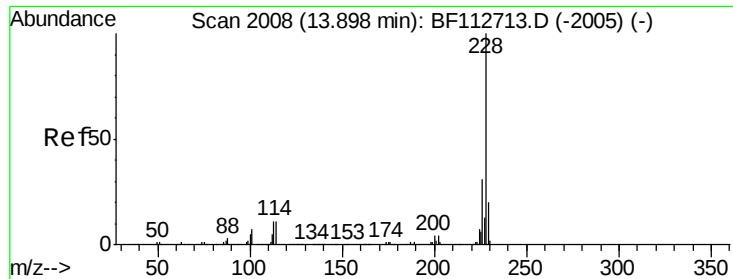
Abundance

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





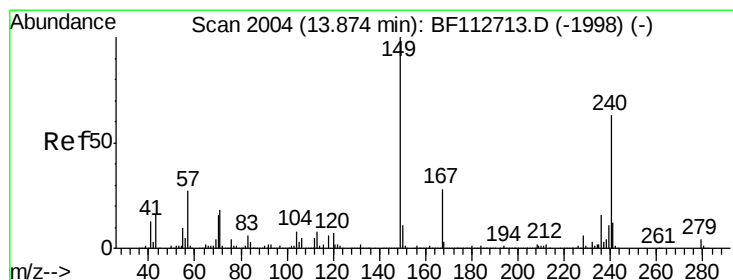
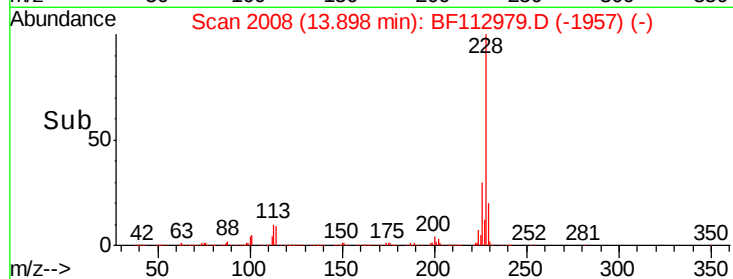
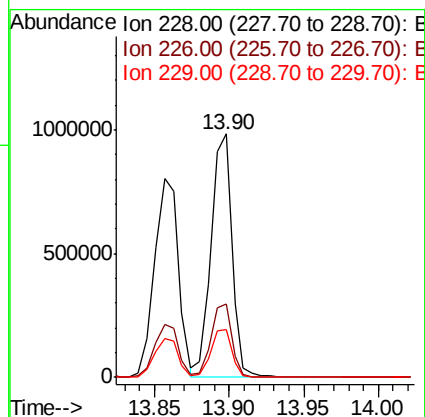
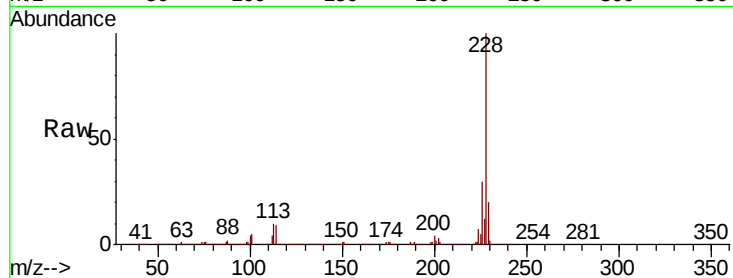
#83
 Chrvsene
 Concen: 36.611 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	228	Resp:	954922
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	19.7	16.3	24.5

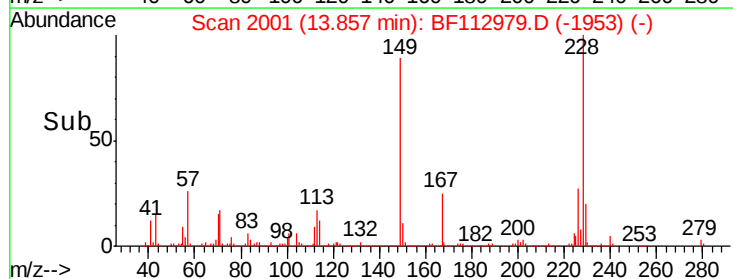
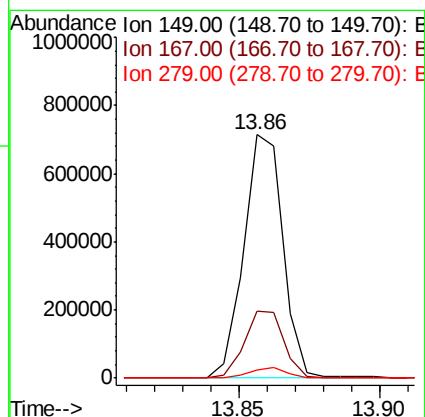
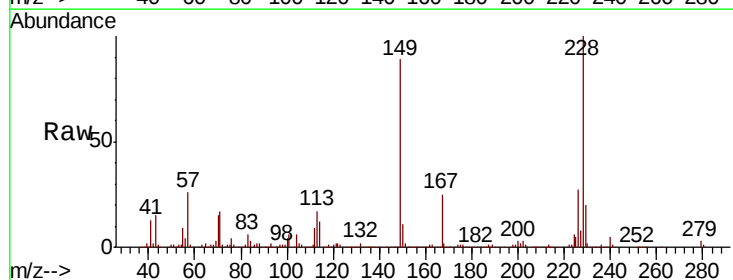
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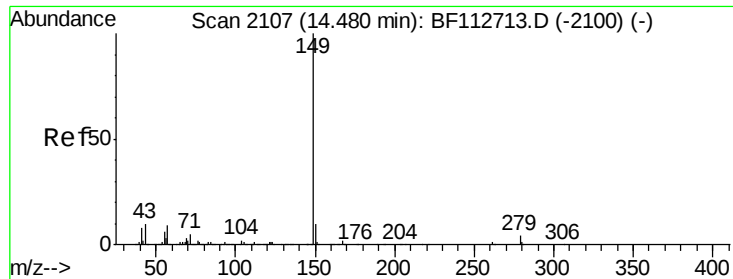
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 3/12/2019 4:29:08 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.927 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:	149	Resp:	686309
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.4	33.6
279	3.4	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 41.840 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1204788

Ion Ratio Lower Upper

149 100

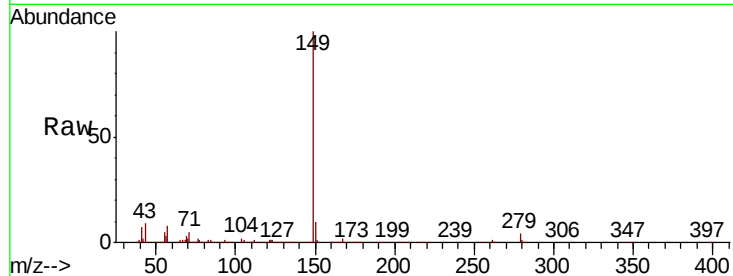
167 1.6 1.2 1.8

43 9.5 9.0 13.4

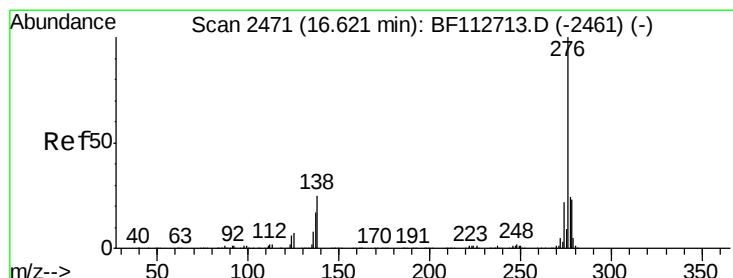
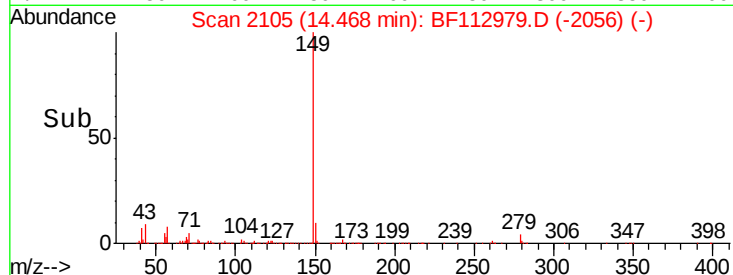
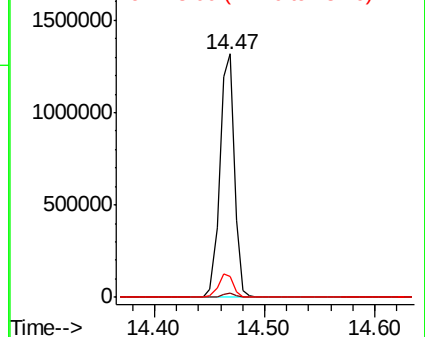
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.897 ng

RT: 16.64 min Scan# 2474

Delta R.T. 0.02 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

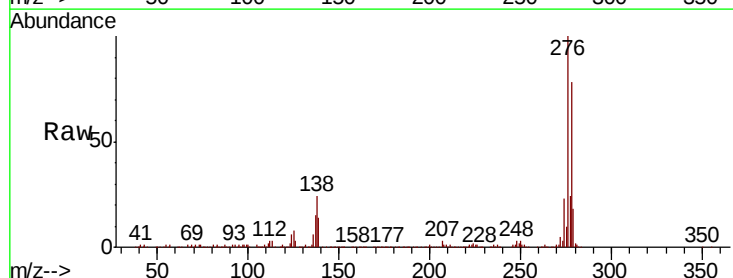
Tgt Ion:276 Resp: 731509

Ion Ratio Lower Upper

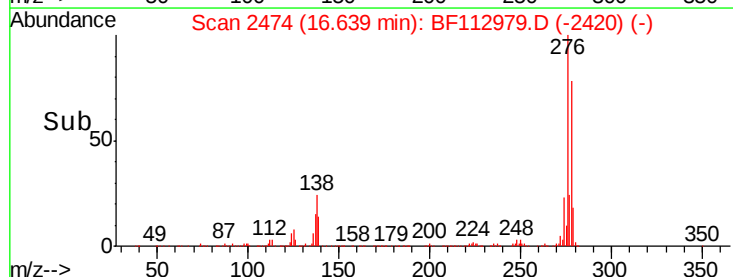
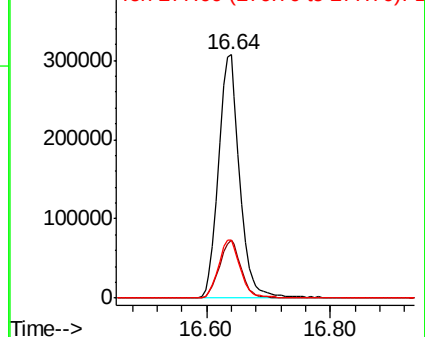
276 100

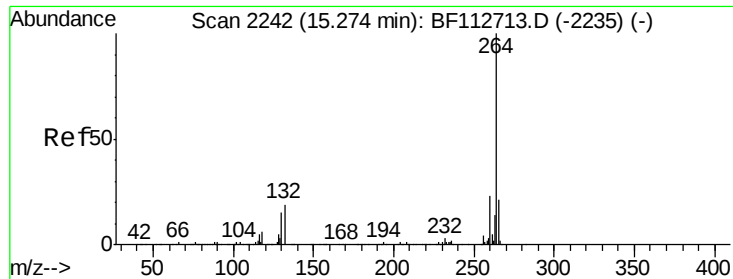
138 24.4 23.2 34.8

277 24.9 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





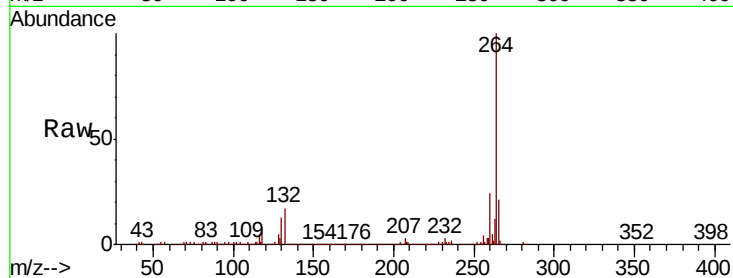
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

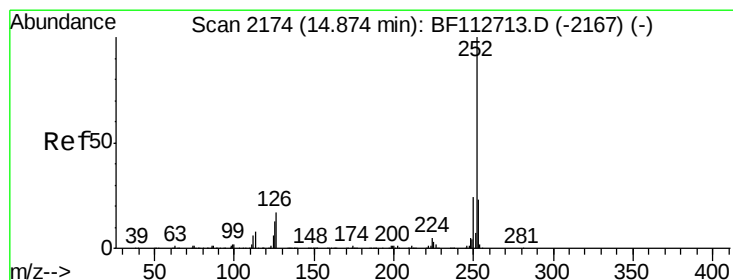
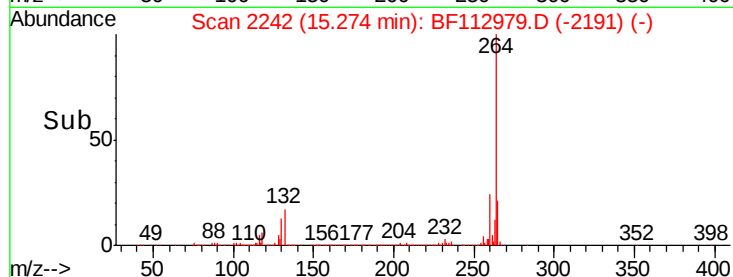
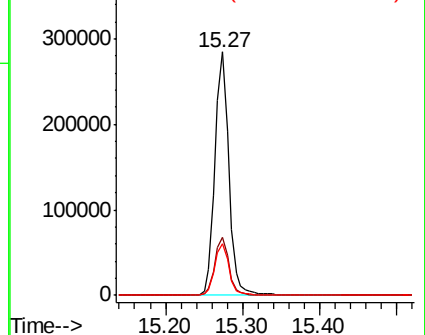
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.4	17.2	25.8

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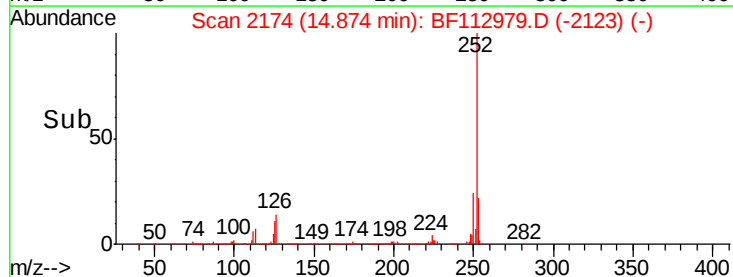
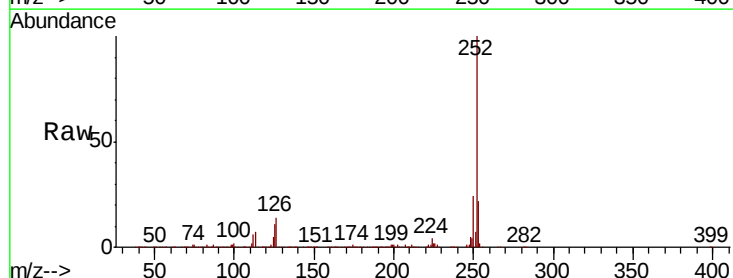
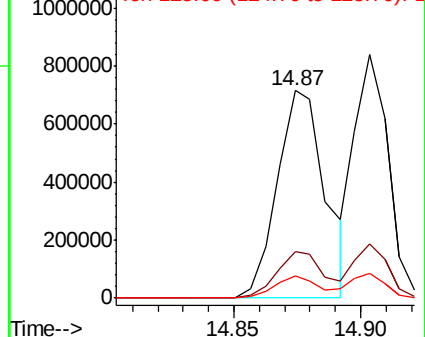
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

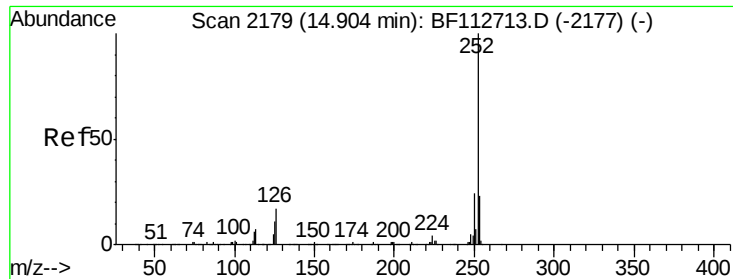


#88
Benzo(b)fluoranthene
Concen: 41.329 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.8	10.2	15.2

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





#89

Benzo(k)fluoranthene

Concen: 38.625 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

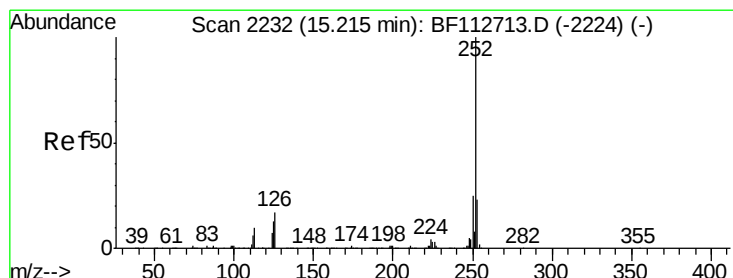
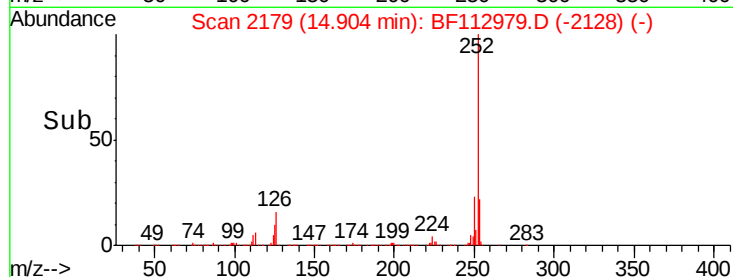
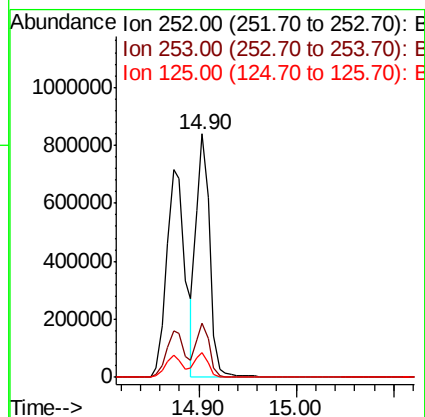
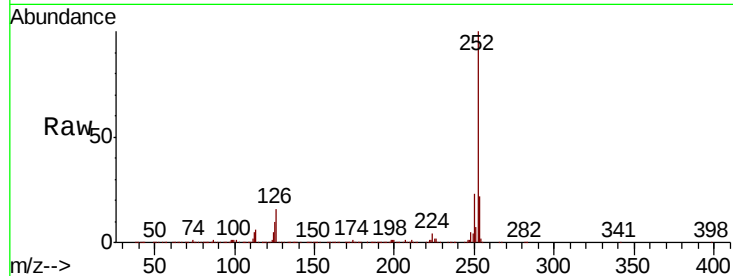
ClientSampled :

SSTDCCC040

Tot Ion:	252	Resp:	799569
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	10.2	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/12/2019 4:29:08 PM



#90

Benzo(a)pyrene

Concen: 38.704 ng

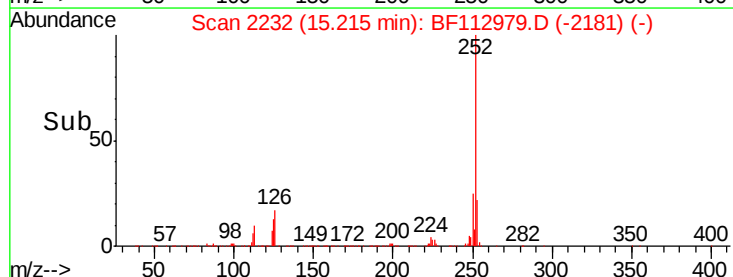
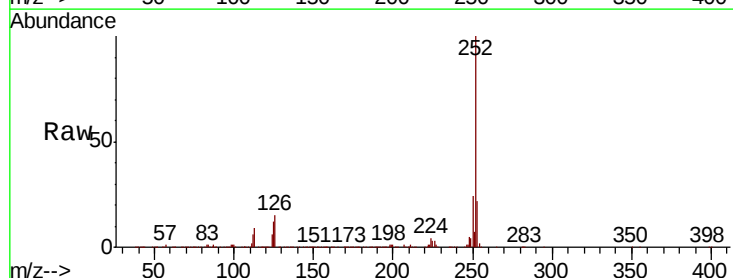
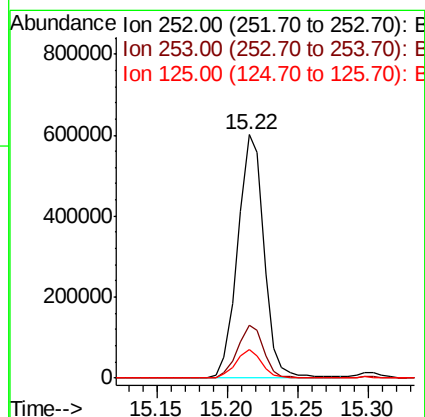
RT: 15.22 min Scan# 2232

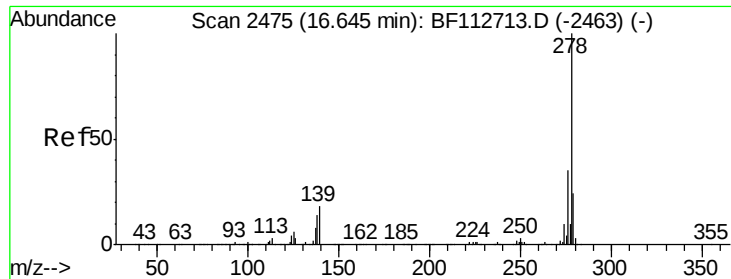
Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Tgt Ion:	252	Resp:	782388
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	11.7	10.7	16.1





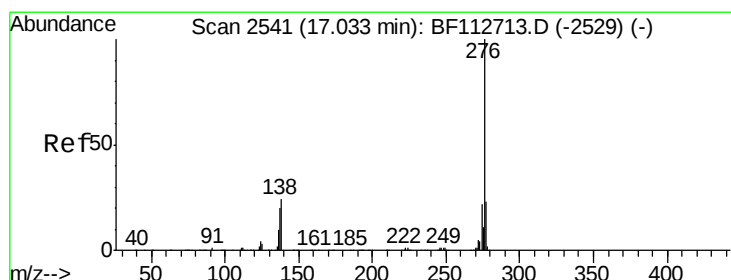
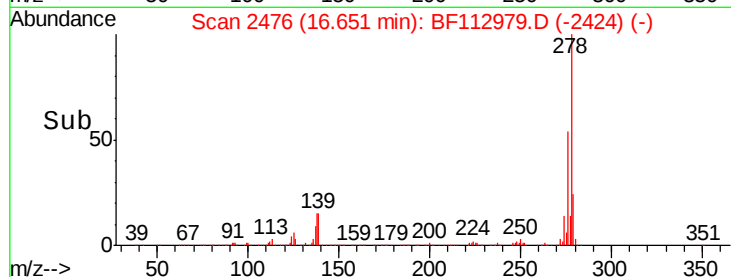
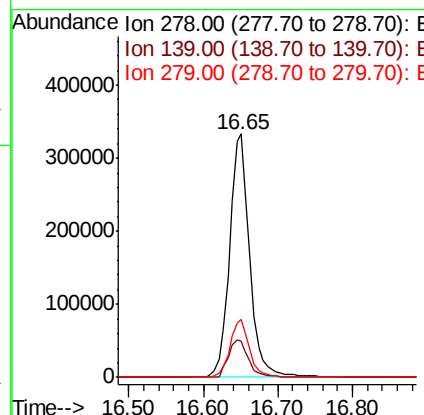
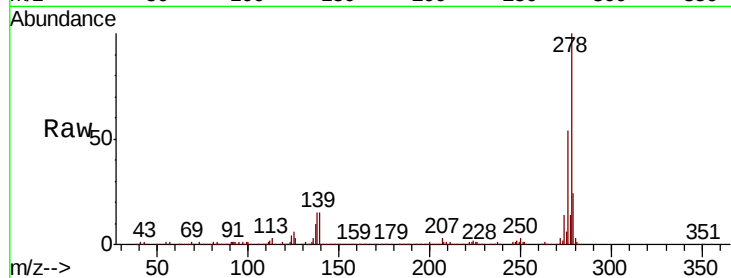
#91
Dibenzo(a,h)anthracene
Concen: 36.225 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.3	21.5
279	24.1	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/12/2019 4:29:08 PM



#92
Benzo(g,h,i)perylene
Concen: 32.277 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	20.2	19.4	29.0

