

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112997.D
 Acq On : 12 Mar 2019 11:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:29:20 PM

Quant Time: Mar 12 12:12:35 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	128314	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	517004	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	266767	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	557060	20.00	ng	0.00
76) Chrysene-d12	13.87	240	398574	20.00	ng	0.00
87) Perylene-d12	15.27	264	348734	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	627158	76.03	ng	-0.01
7) Phenol-d6	6.37	99	790622	76.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	704935	81.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	270022	95.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1320644	81.01	ng	0.00
79) Terphenyl-d14	12.82	244	1519987	73.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	149513	36.159	ng	96
3) Pyridine	3.06	79	395438	35.747	ng	98
4) n-Nitrosodimethylamine	2.98	42	135049	27.908	ng	90
6) Aniline	6.39	93	516352	36.202	ng	# 84
8) 2-Chlorophenol	6.52	128	356568	38.832	ng	94
9) Benzaldehyde	6.27	77	234588	31.420	ng	99
10) Phenol	6.38	94	451593	37.348	ng	90
11) bis(2-Chloroethyl)ether	6.46	93	333007	35.881	ng	99
12) 1,3-Dichlorobenzene	6.67	146	377794	39.828	ng	98
13) 1,4-Dichlorobenzene	6.75	146	381061	40.058	ng	99
14) 1,2-Dichlorobenzene	6.90	146	363648	41.700	ng	98
15) Benzyl Alcohol	6.87	79	297099	37.601	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	543506	35.091	ng	97
17) 2-Methylphenol	6.99	107	282032	37.861	ng	96
18) Hexachloroethane	7.25	117	126402	34.688	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	231364	35.255	ng	98
20) 3+4-Methylphenols	7.15	107	339376	40.353	ng	# 85
22) Acetophenone	7.14	105	486457	40.240	ng	# 93
24) Nitrobenzene	7.31	77	373263	38.815	ng	99
25) Isophorone	7.55	82	670786	36.037	ng	99
26) 2-Nitrophenol	7.63	139	186403	46.565	ng	98
27) 2,4-Dimethylphenol	7.67	122	280811	37.706	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	422805	36.331	ng	99
29) 2,4-Dichlorophenol	7.87	162	308720	42.747	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	321426	41.421	ng	99
31) Naphthalene	8.03	128	1026495	39.991	ng	99
32) Benzoic acid	7.78	122	222175	42.564	ng	91
33) 4-Chloroaniline	8.08	127	440200	40.490	ng	98
34) Hexachlorobutadiene	8.16	225	190636	43.560	ng	98
35) Caprolactam	8.45	113	107830	42.392	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	327954	41.032	ng	95
37) 2-Methylnaphthalene	8.73	142	685651	41.364	ng	99
38) 1-Methylnaphthalene	8.82	142	662168	41.238	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	325175	41.801	ng	98

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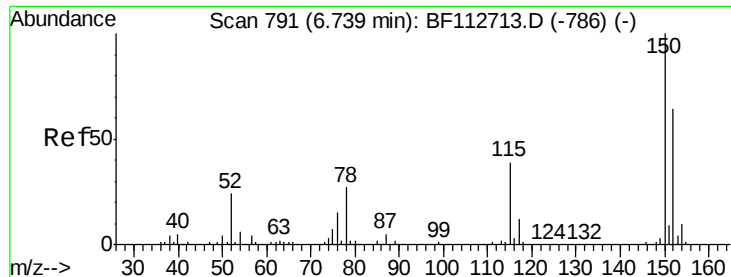
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	43655	10.248	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	212295	39.653	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	239092	41.316	nq	98
46) 1,1'-Biphenyl	9.19	154	864884	39.748	nq	99
47) 2-Chloronaphthalene	9.21	162	660180	38.857	nq	99
48) 2-Nitroaniline	9.30	65	220976	42.789	nq	98
49) Acenaphthylene	9.62	152	1123416	38.949	nq	99
50) Dimethylphthalate	9.49	163	773162	39.306	nq	99
51) 2,6-Dinitrotoluene	9.55	165	179244	43.760	nq	84
52) Acenaphthene	9.80	154	638452	37.851	nq	99
53) 3-Nitroaniline	9.72	138	219360	43.950	nq	99
54) 2,4-Dinitrophenol	9.82	184	26079	20.763	nq	95
55) Dibenzofuran	9.97	168	980012	39.976	nq	96
56) 4-Nitrophenol	9.88	139	163809	40.383	nq	87
57) 2,4-Dinitrotoluene	9.95	165	240779	47.290	nq	# 82
58) Fluorene	10.31	166	719454	41.349	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	209957	43.548	nq	94
60) Diethylphthalate	10.19	149	793164	38.179	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	360033	44.473	nq	92
62) 4-Nitroaniline	10.32	138	216844	47.016	nq	96
63) Azobenzene	10.46	77	773121	36.333	nq	93
65) 4,6-Dinitro-2-methylphenol	10.36	198	46061	22.803	nq	78
66) n-Nitrosodiphenylamine	10.42	169	681671	38.156	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	241998	41.244	nq	# 90
68) Hexachlorobenzene	10.86	284	279857	42.312	nq	# 86
69) Atrazine	10.95	200	218998	40.024	nq	98
70) Pentachlorophenol	11.05	266	152960	39.292	nq	99
71) Phenanthrene	11.26	178	1103839	39.827	nq	99
72) Anthracene	11.32	178	1137894	39.221	nq	99
73) Carbazole	11.47	167	1076713	38.044	nq	99
74) Di-n-butylphthalate	11.81	149	1337777	39.421	nq	99
75) Fluoranthene	12.44	202	1119579	37.703	nq	98
77) Benzidine	12.57	184	563781	27.264	nq	98
78) Pyrene	12.67	202	1128136	33.575	nq	100
80) Butylbenzylphthalate	13.29	149	524601	35.371	nq	96
81) Benzo(a)anthracene	13.86	228	924079	33.452	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	398915	38.183	nq	97
83) Chrysene	13.89	228	975774	36.062	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	673863	38.735	nq	100
85) Di-n-octyl phthalate	14.46	149	1235134	41.347	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	755065	32.732	nq	96
88) Benzo(b)fluoranthene	14.87	252	882784	39.136	nq	97
89) Benzo(k)fluoranthene	14.90	252	833478m	40.792	nq	
90) Benzo(a)pyrene	15.22	252	764450	38.314	nq	97
91) Dibenzo(a,h)anthracene	16.64	278	638652	37.512	nq	97
92) Benzo(g,h,i)perylene	17.04	276	599495	35.067	nq	97

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



#1

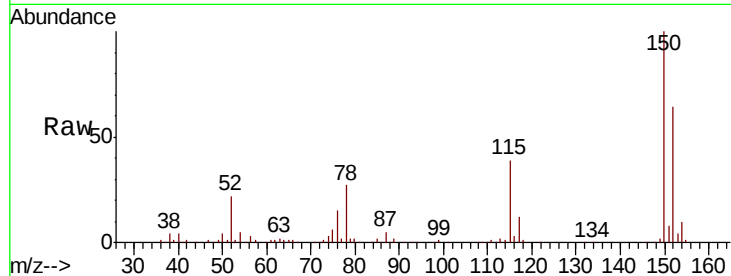
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	60.6	48.2	72.4

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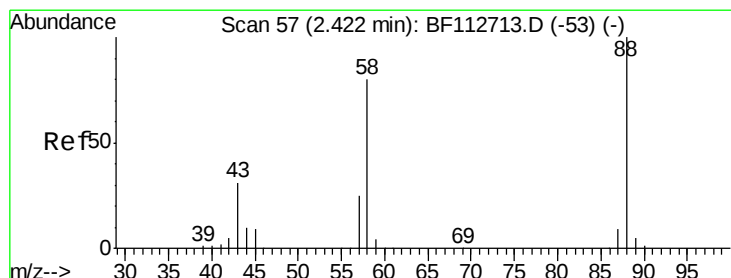
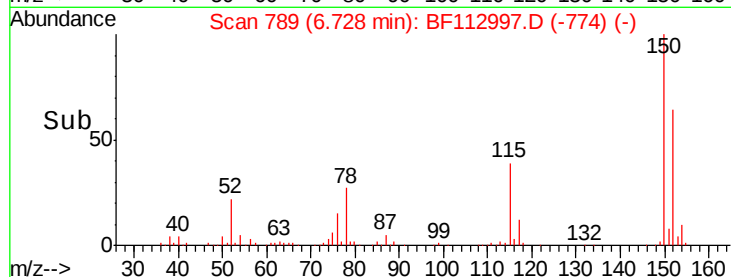
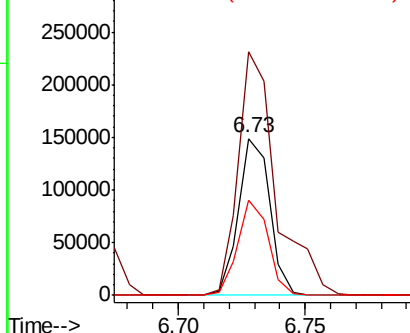


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

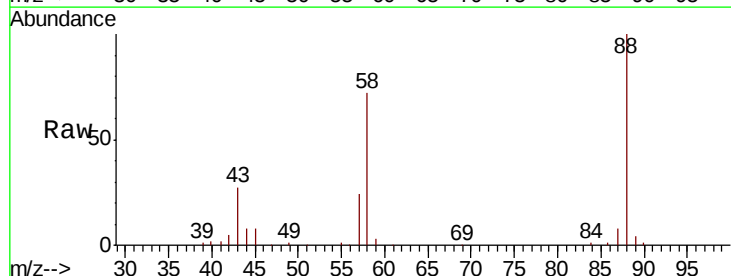
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.159 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.08 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	63.1	94.7
43	28.5	24.3	36.5

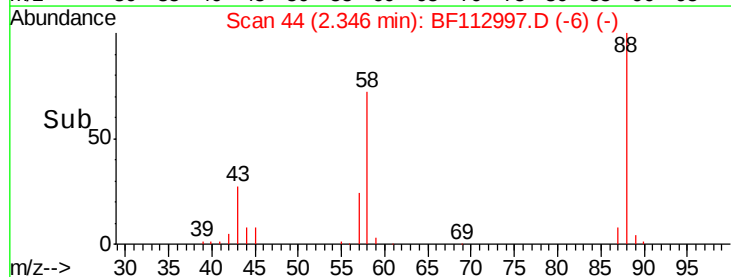
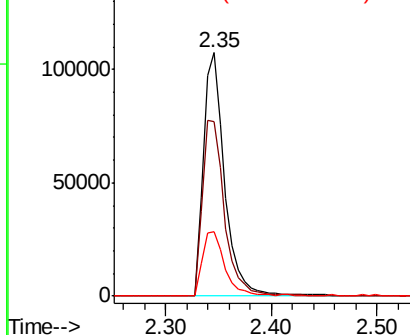


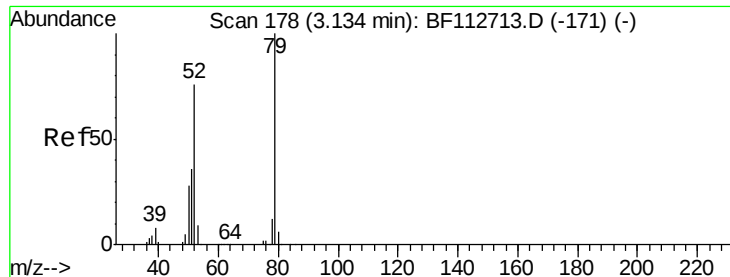
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





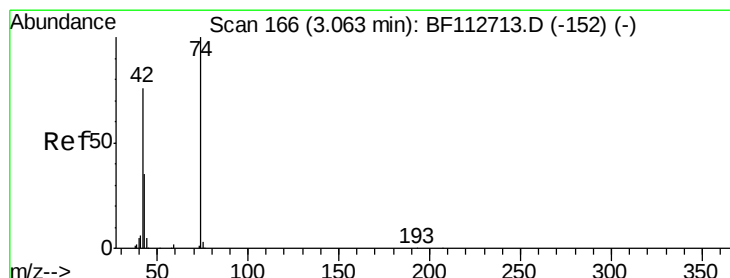
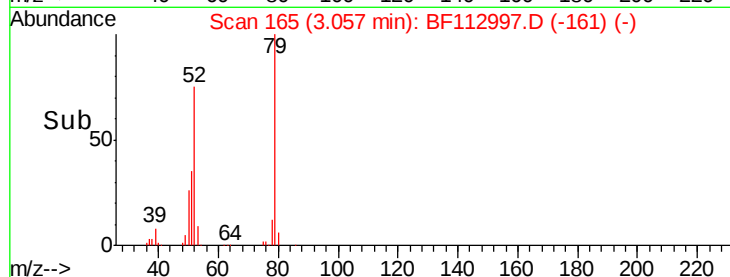
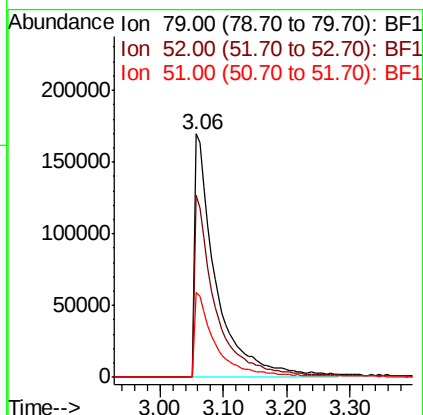
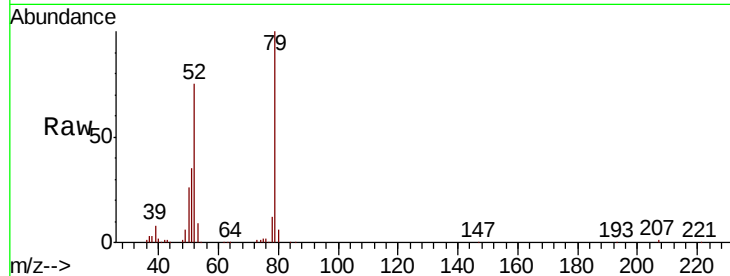
#3
 Pvridine
 Concen: 35.747 ng
 RT: 3.06 min Scan# 165
 Delta R.T. -0.08 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.6	60.5	90.7
51	34.7	28.8	43.2

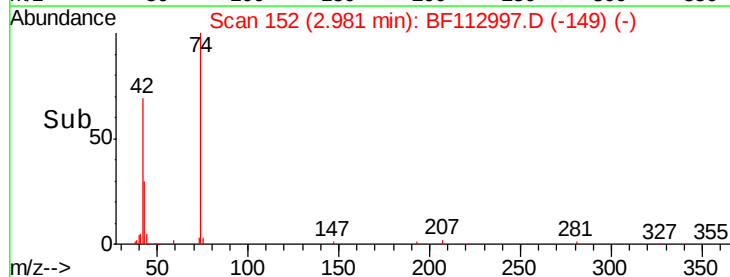
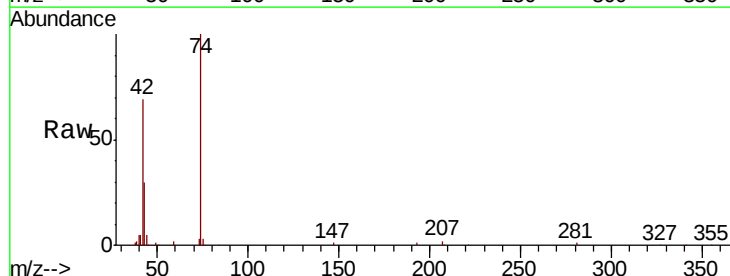
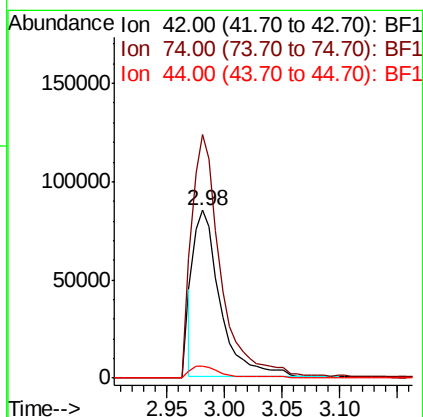
Manual Integrations
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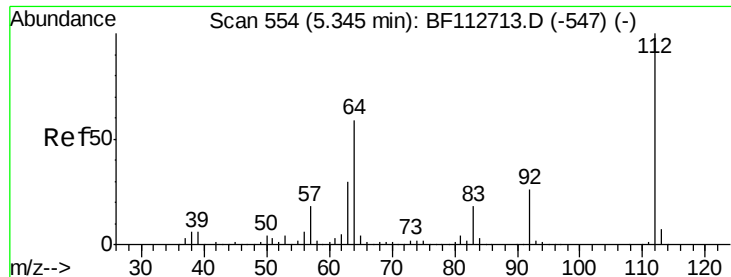
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#4
 n-Nitrosodimethylamine
 Concen: 27.908 ng
 RT: 2.98 min Scan# 152
 Delta R.T. -0.08 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.9	105.8	158.8
44	7.3	6.2	9.2





#5

2-Fluorophenol

Concen: 76.030 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

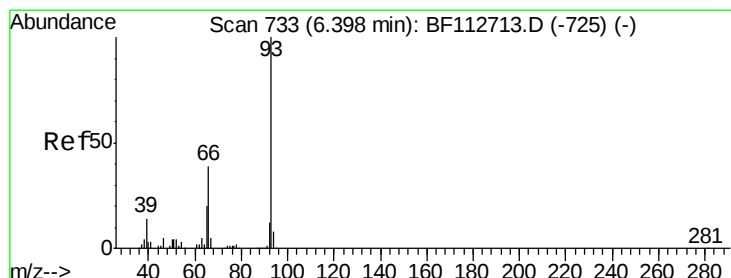
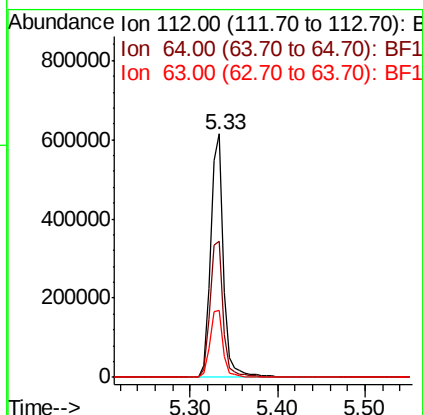
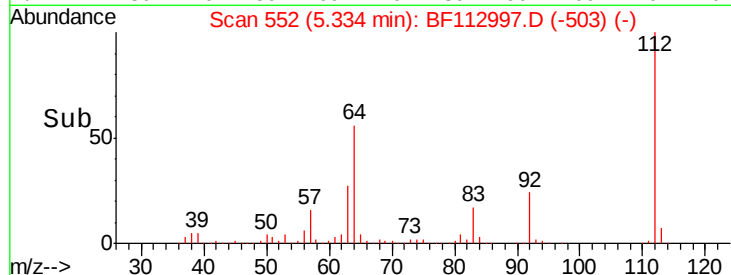
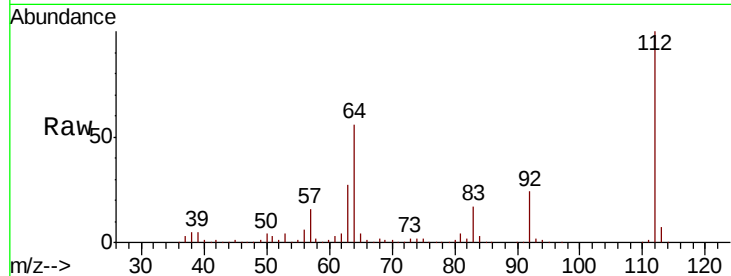
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		627158		
64	55.9	47.6	71.4		
63	27.3	24.4	36.6		

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#6

Aniline

Concen: 36.202 ng

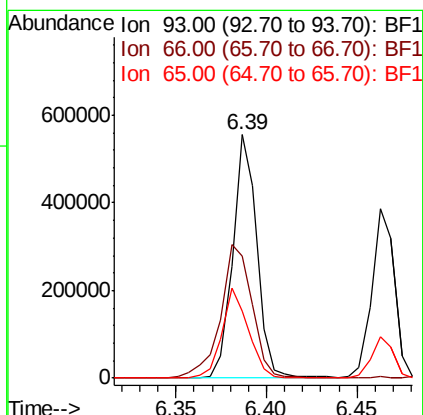
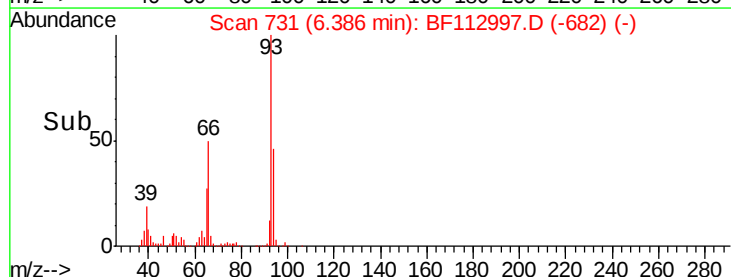
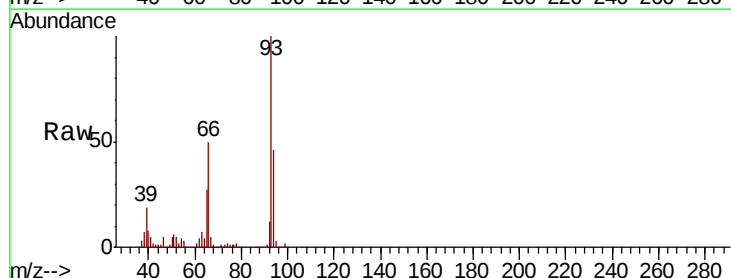
RT: 6.39 min Scan# 731

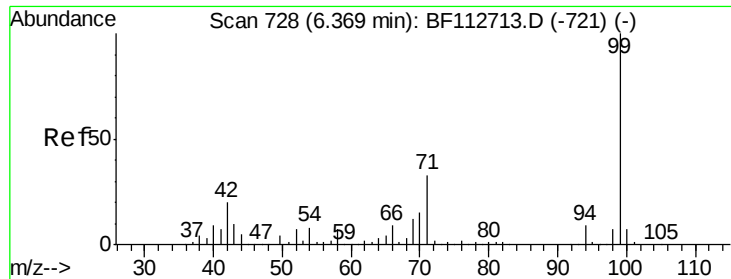
Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		516352		
66	50.2	32.2	48.2#		
65	27.4	16.2	24.4#		





#7

Phenol-d6

Concen: 76.301 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

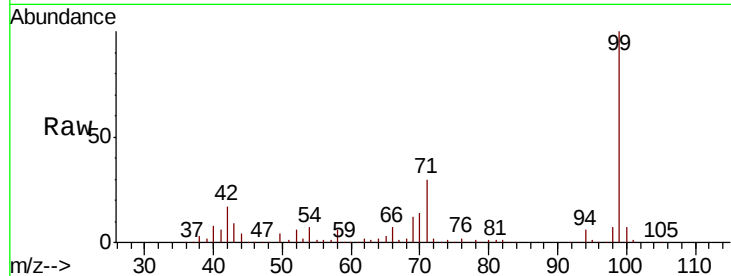
ClientSampleId :

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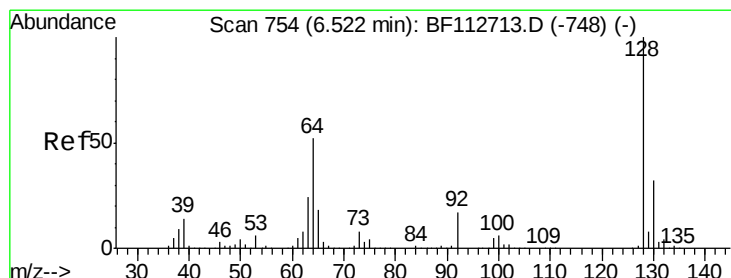
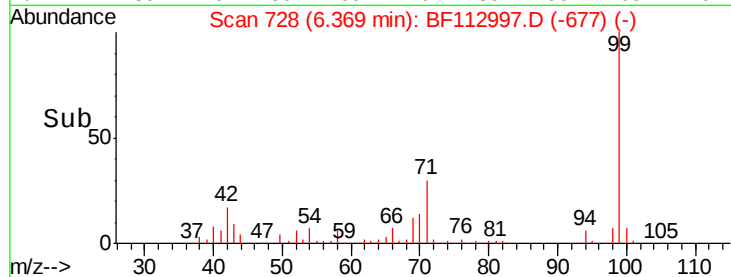
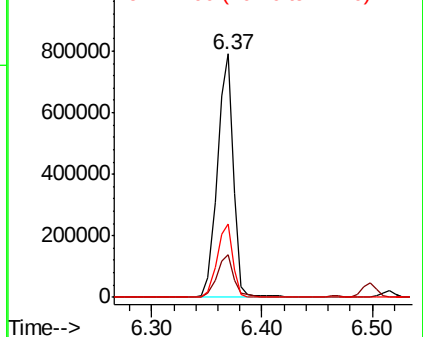
Tot Ion:	99	Resp:	790622
Ion Ratio	Lower	Upper	
99	100		
42	17.4	16.3	24.5
71	30.0	26.2	39.4

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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: 38.832 ng

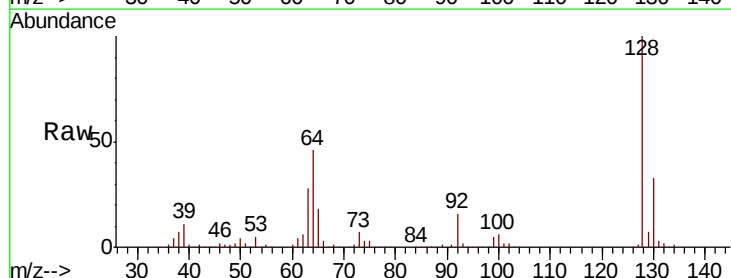
RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

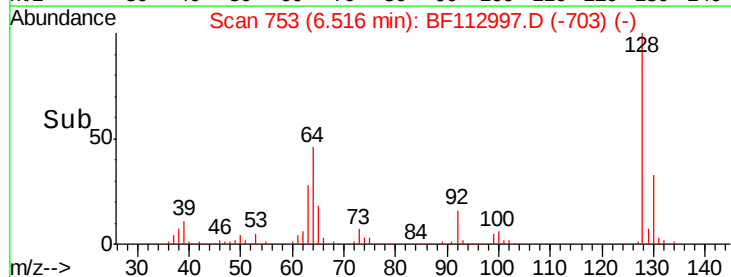
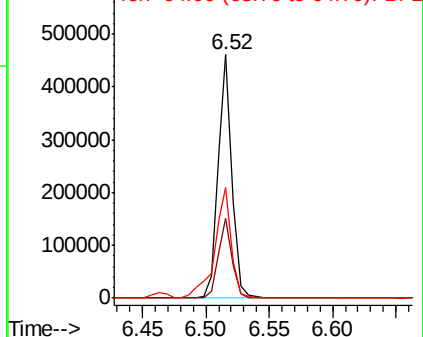
Lab File: BF112997.D

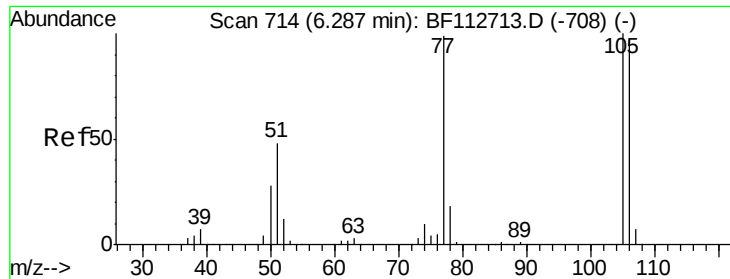
Acq: 12 Mar 2019 11:20

Tgt Ion:	128	Resp:	356568
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.4	52.4
64	45.6	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: 31.420 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

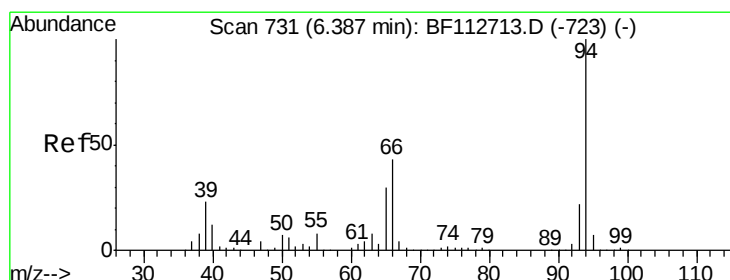
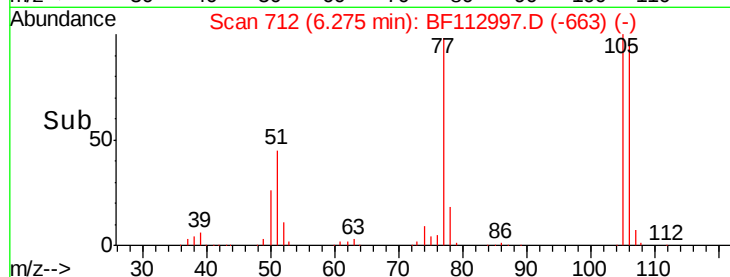
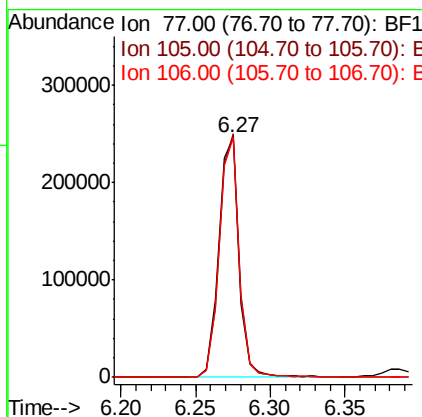
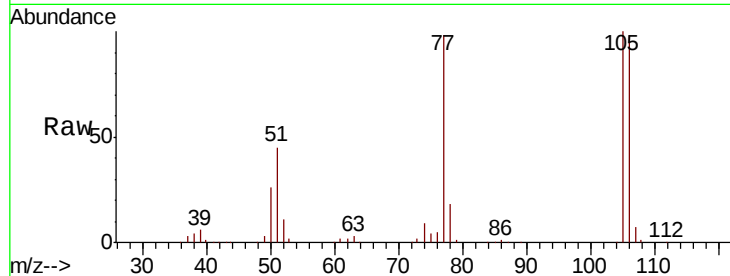
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	234588
Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.4	121.4
106	100.1	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 37.348 ng

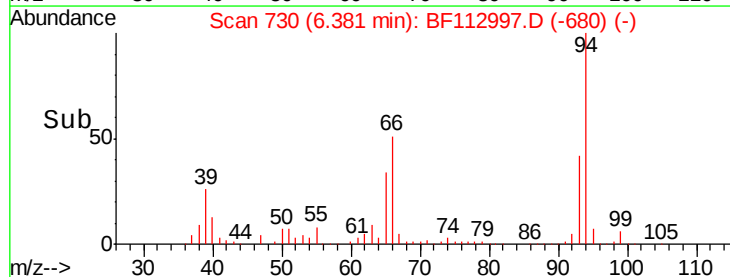
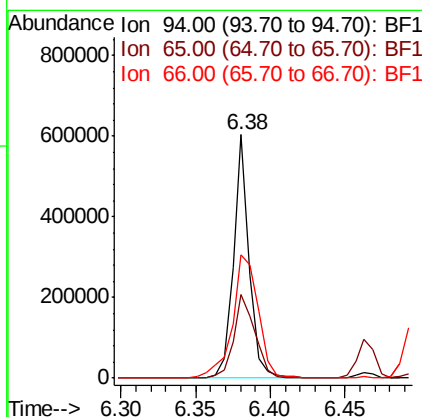
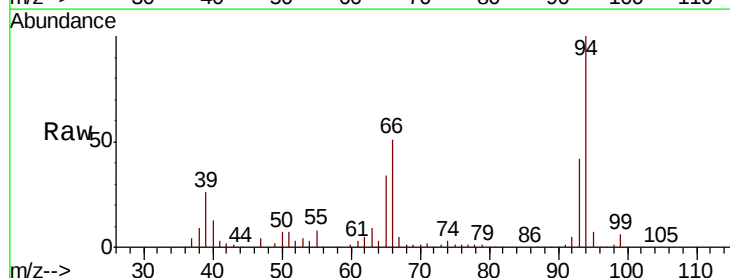
RT: 6.38 min Scan# 730

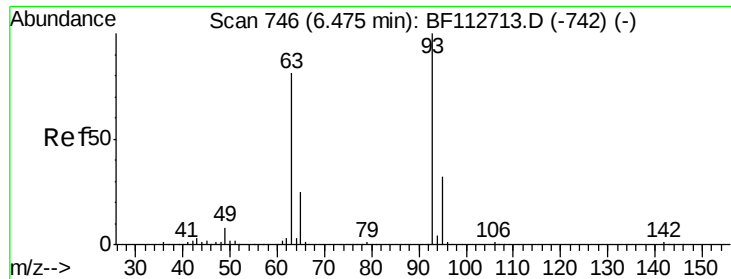
Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:	94	Resp:	451593
Ion	Ratio	Lower	Upper
94	100		
65	34.2	10.5	50.5
66	50.6	22.6	62.6





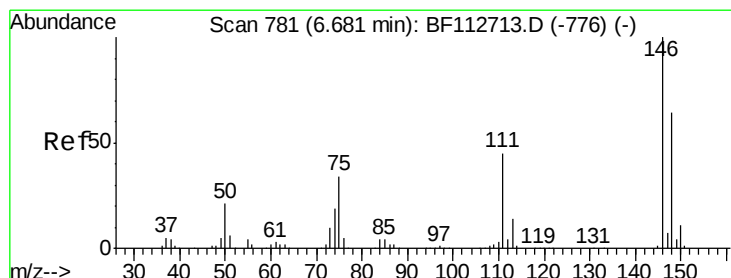
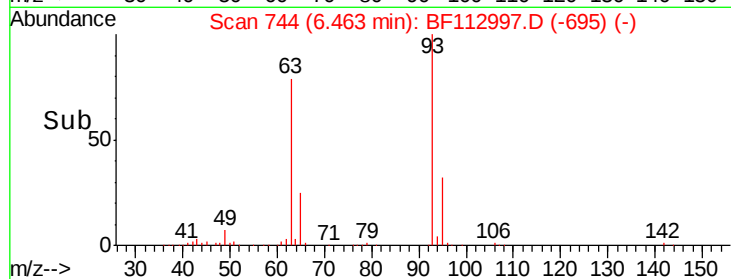
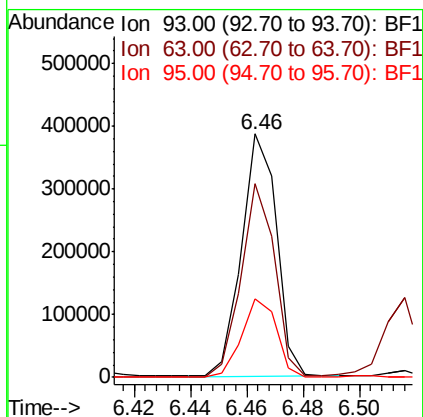
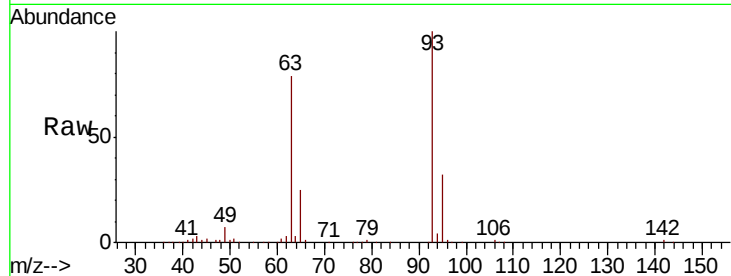
#11
bis(2-Chloroethyl)ether
Concen: 35.881 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	60.5	100.5
95	32.3	12.1	52.1

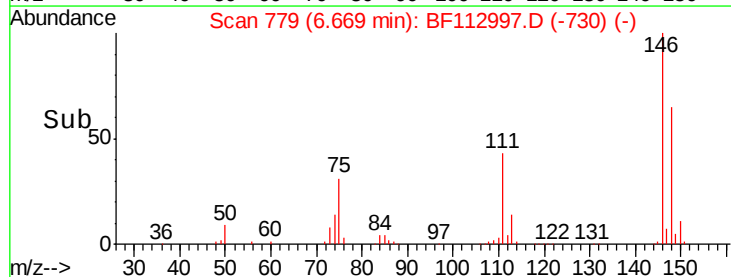
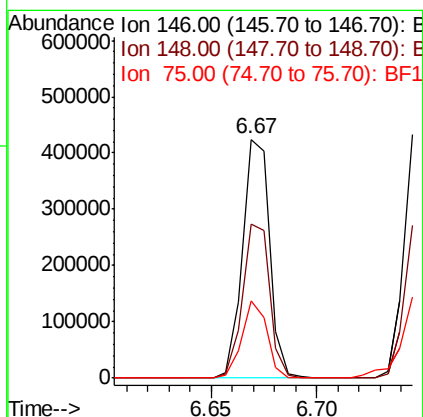
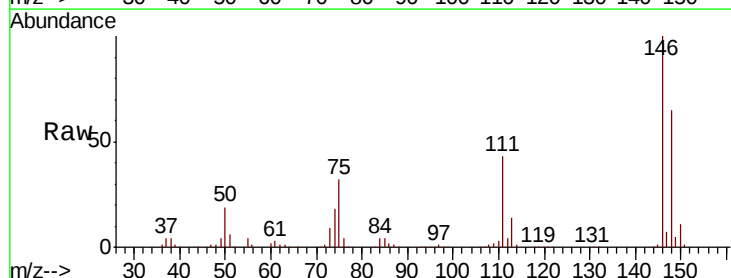
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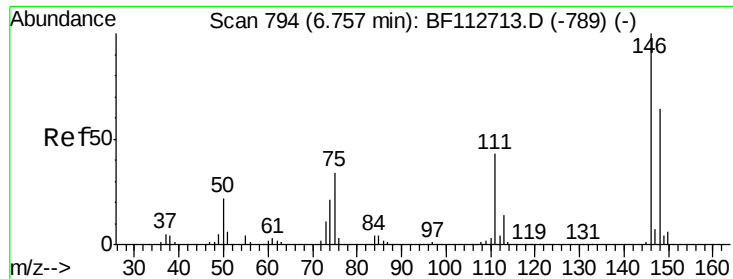
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.828 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	32.1	26.9	40.3





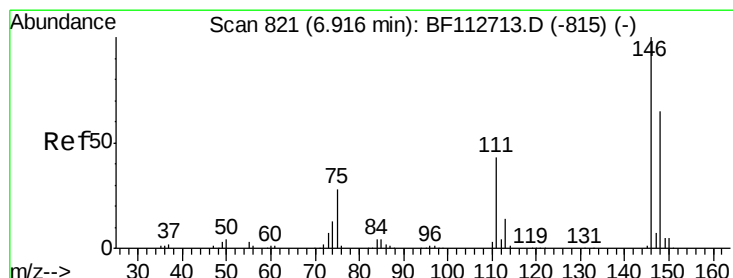
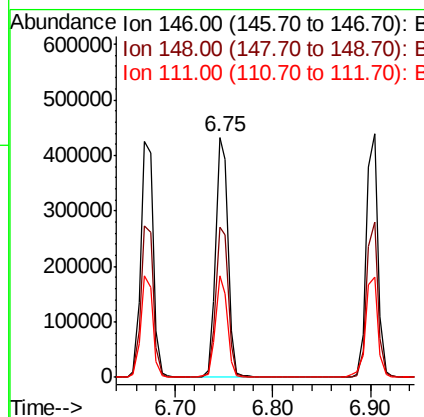
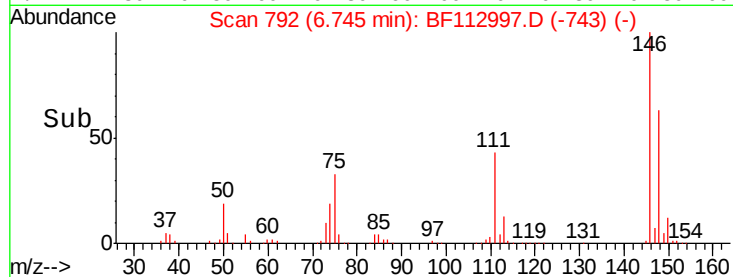
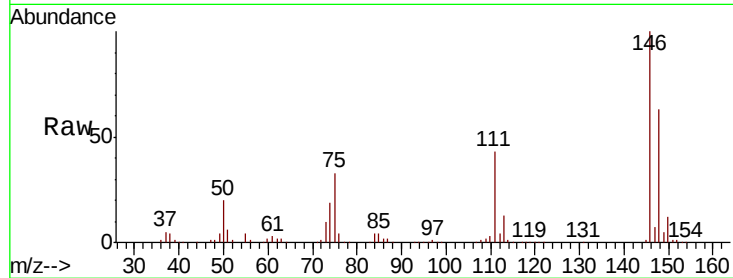
#13
1,4-Dichlorobenzene
Concen: 40.058 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.4
111	42.5	34.5	51.7

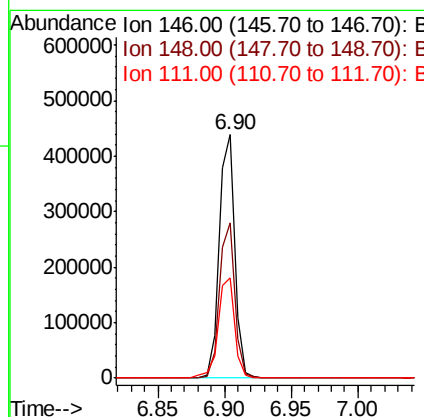
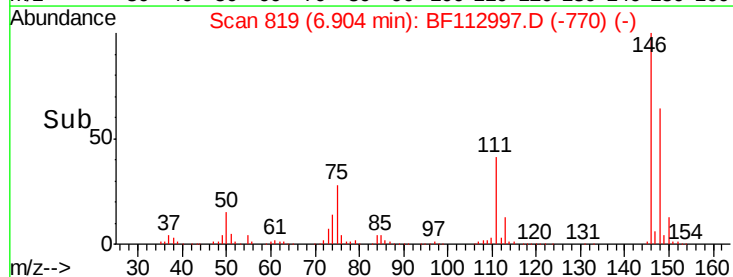
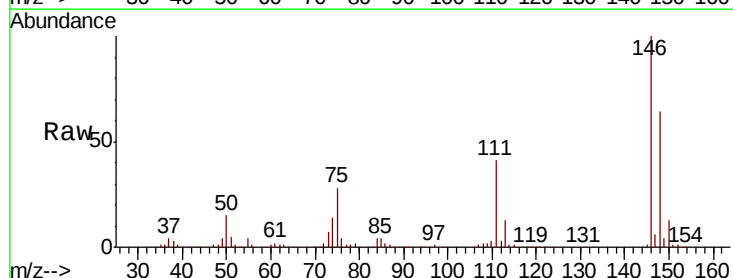
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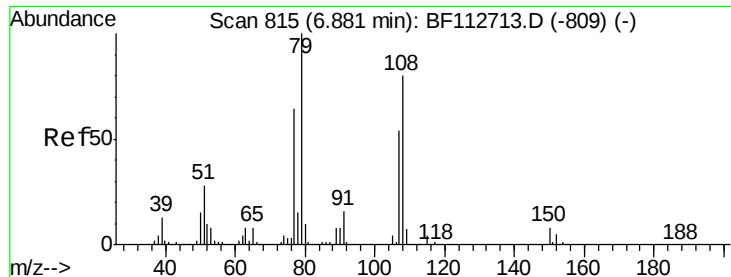
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.700 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	41.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 37.601 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

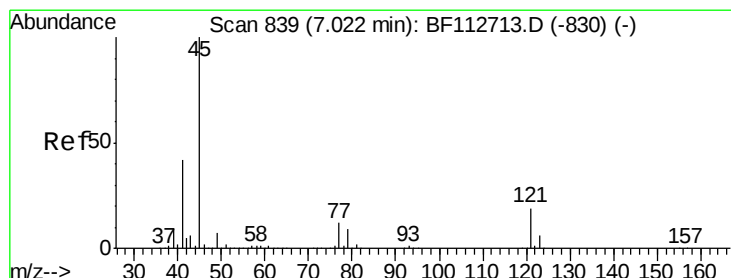
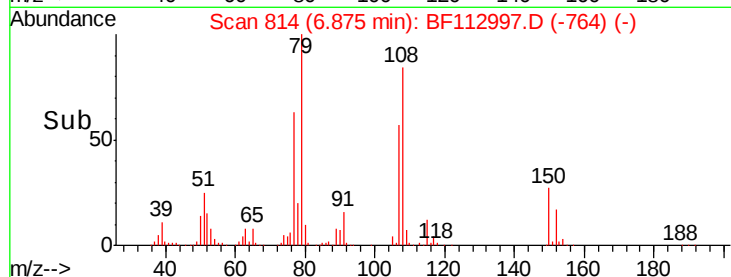
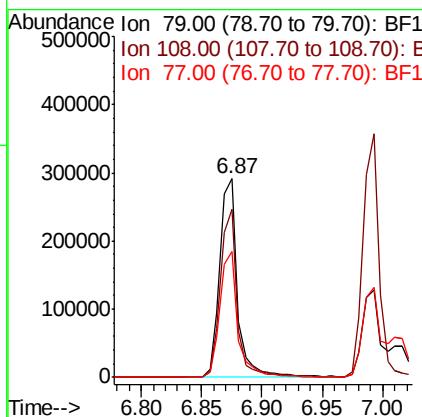
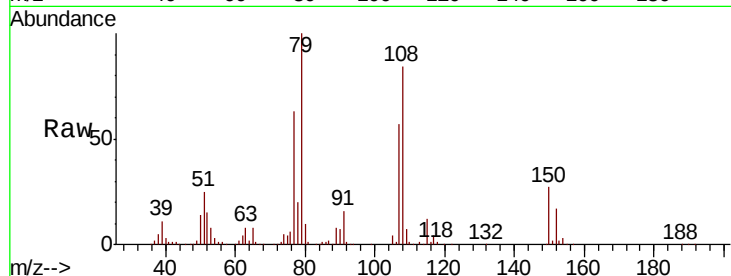
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	297099
Ion Ratio	Lower	Upper	
79	100		
108	84.3	64.2	96.4
77	63.4	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.091 ng

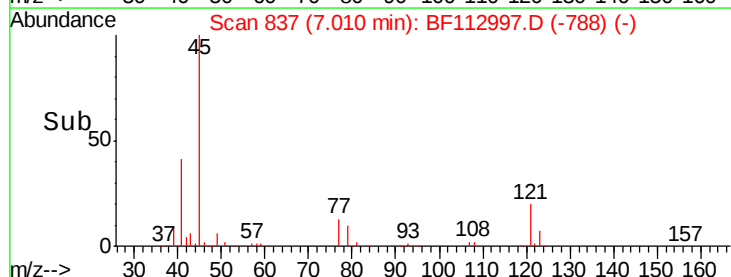
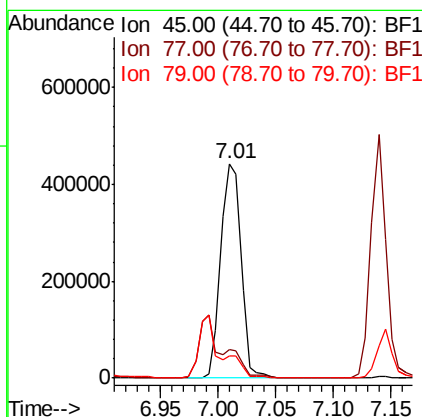
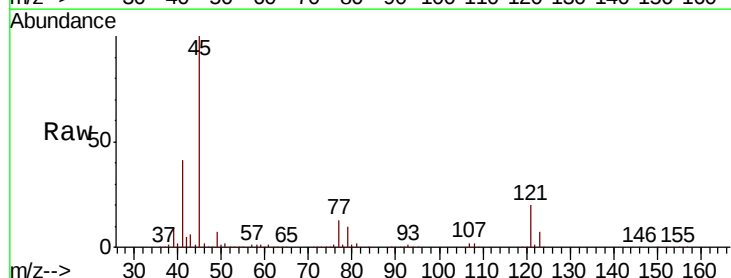
RT: 7.01 min Scan# 837

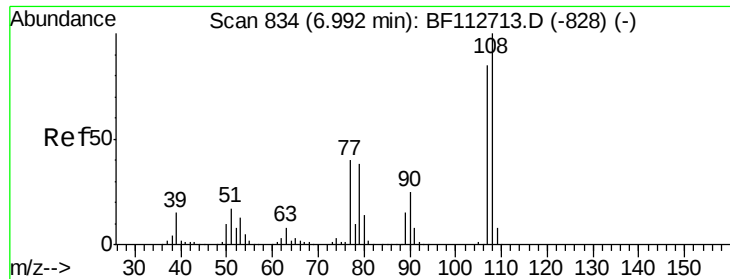
Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:	45	Resp:	543506
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.1
79	10.2	0.0	29.4





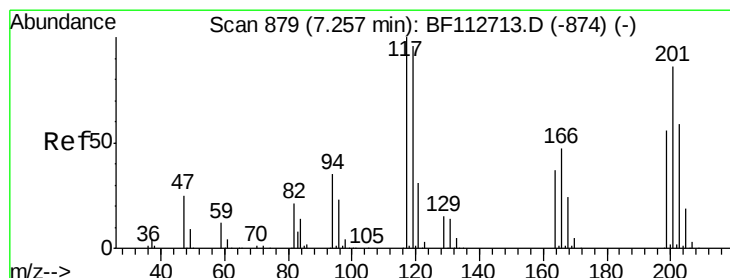
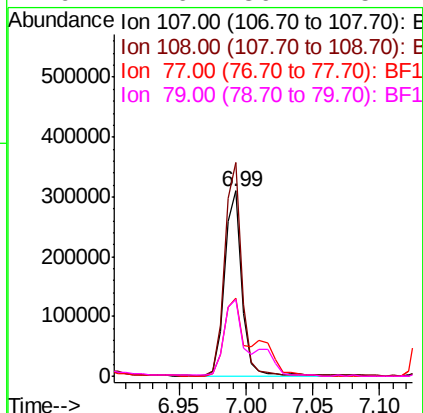
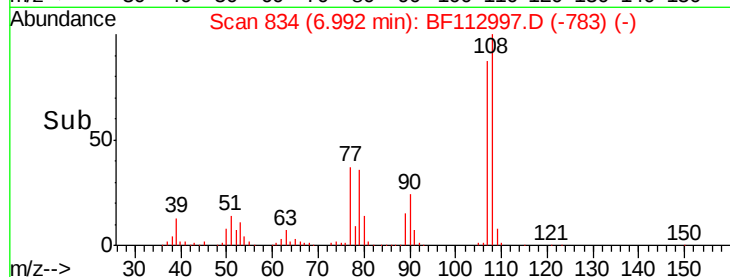
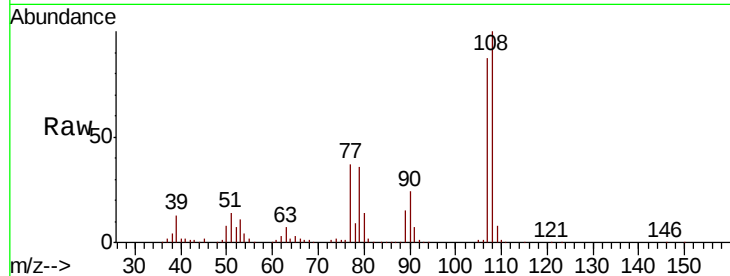
#17
2-Methylphenol
Concen: 37.861 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	94.6	142.0
77	42.4	37.8	56.8
79	41.6	36.2	54.2

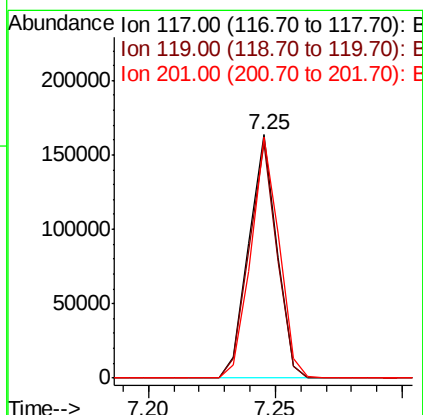
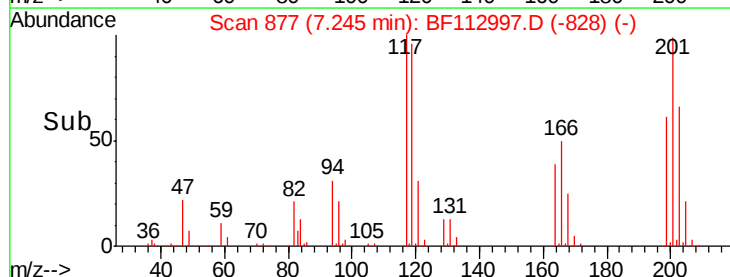
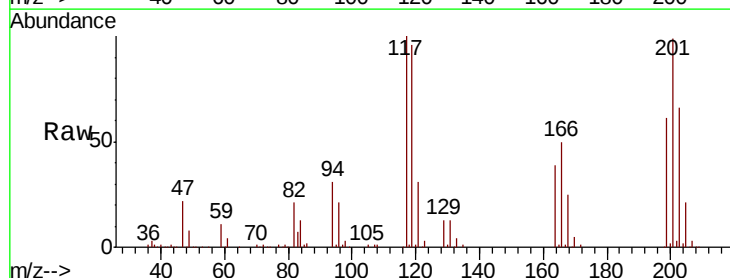
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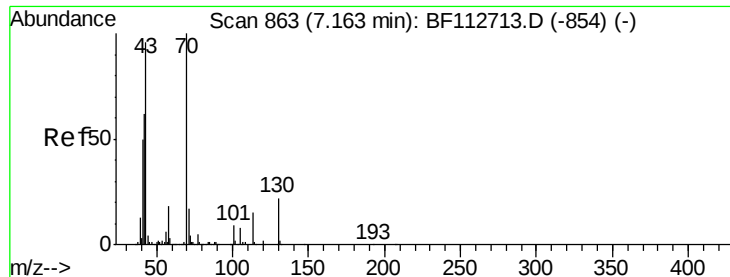
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#18
Hexachloroethane
Concen: 34.688 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	115.0
201	98.8	68.9	103.3





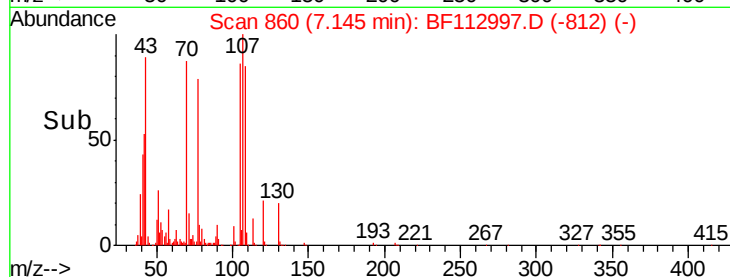
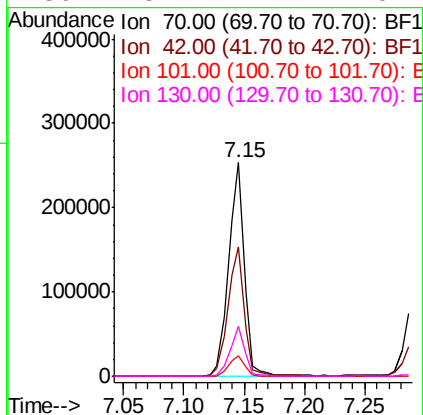
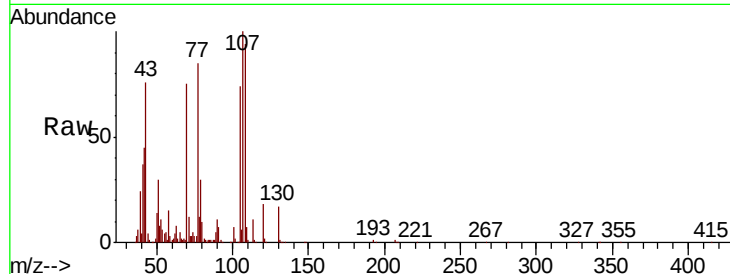
#19
n-Nitroso-di-n-propylamine
Concen: 35.255 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.9	74.9
101	9.9	7.4	11.2
130	23.2	17.4	26.2

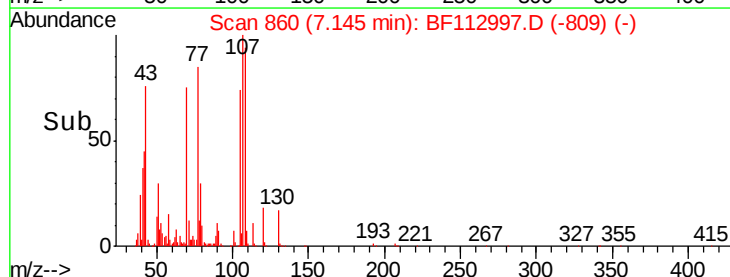
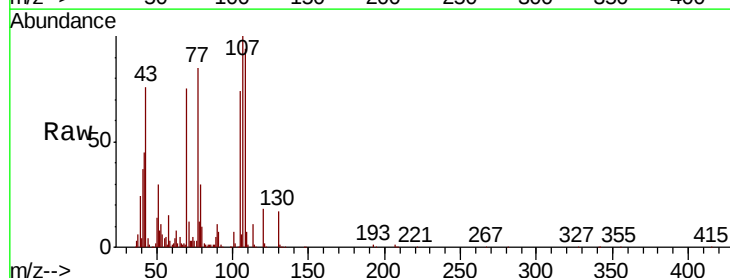
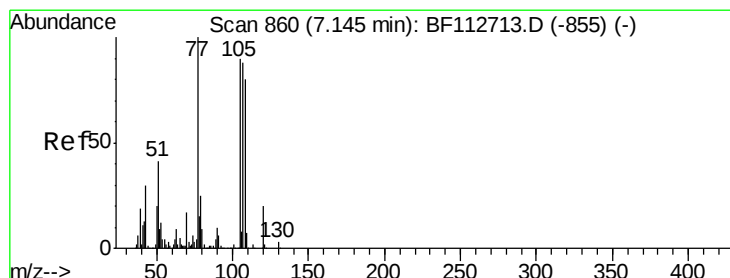
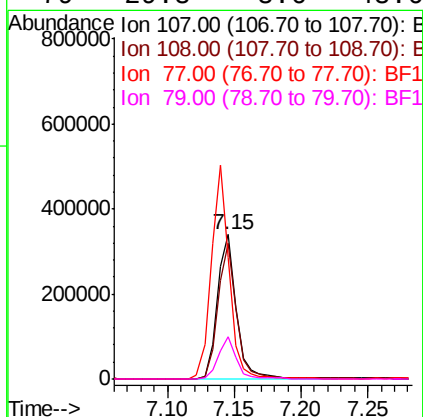
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#20
3+4-Methylphenols
Concen: 40.353 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	71.4	111.4
77	84.5	94.1	134.1#
79	29.8	8.6	48.6





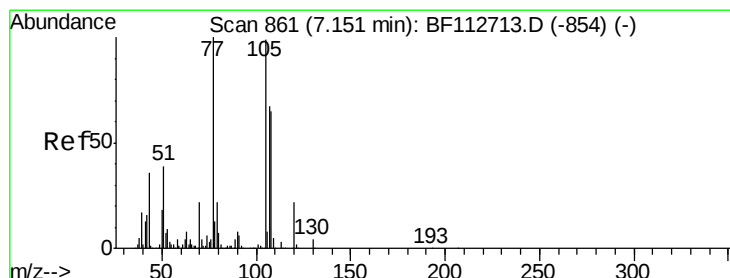
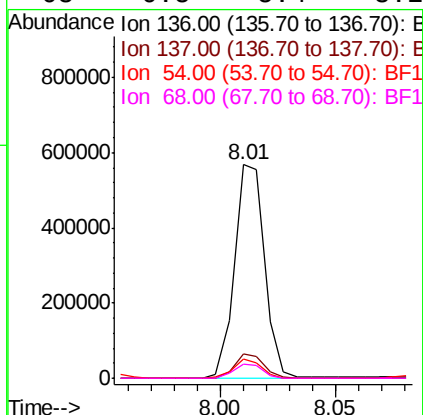
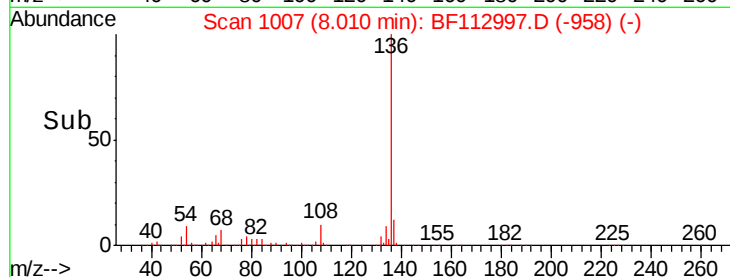
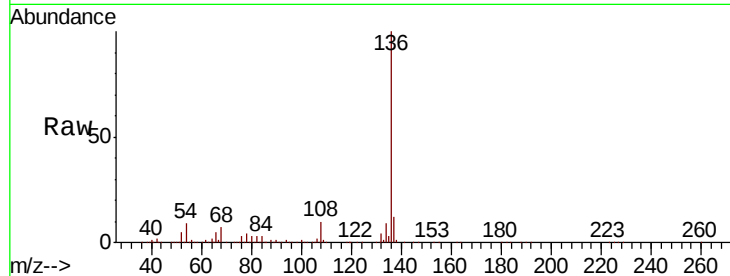
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		517004		
137	11.5		8.9	13.3	
54	9.0		7.3	10.9	
68	6.5		5.4	8.2	

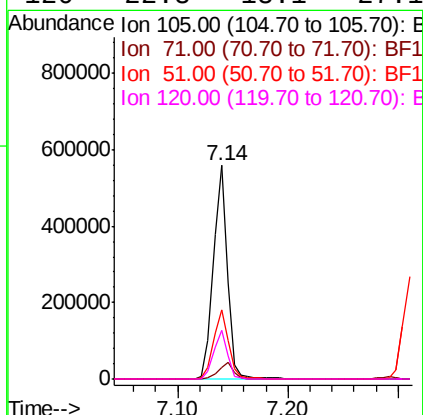
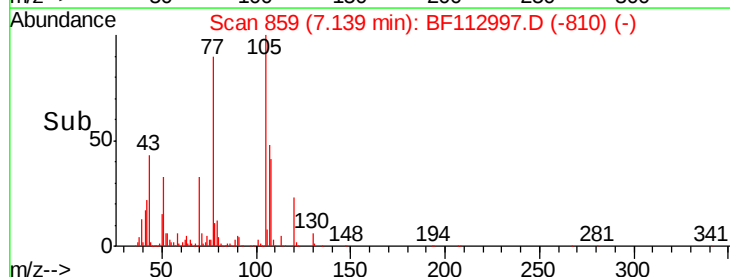
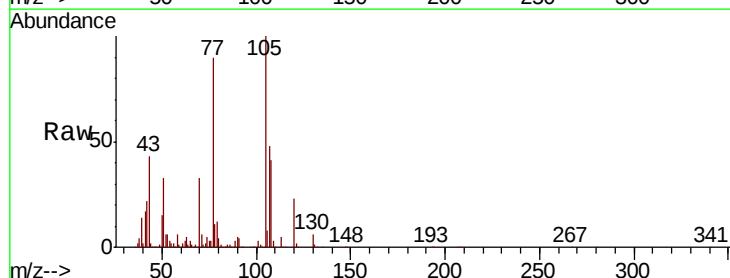
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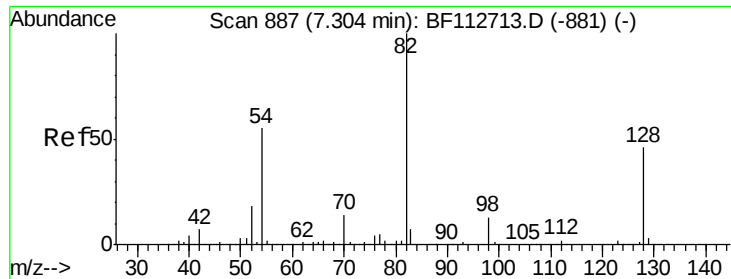
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#22
Acetophenone
Concen: 40.240 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		486457		
71	5.5		3.0	4.4#	
51	32.7		31.5	47.3	
120	22.8		18.1	27.1	





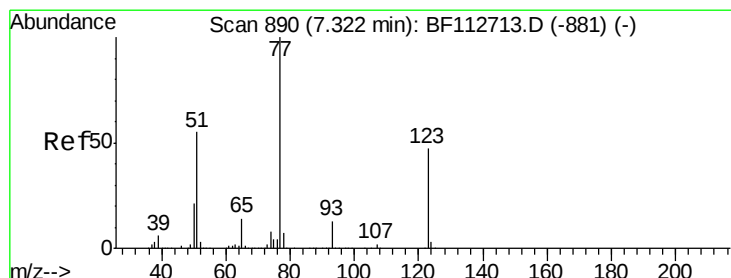
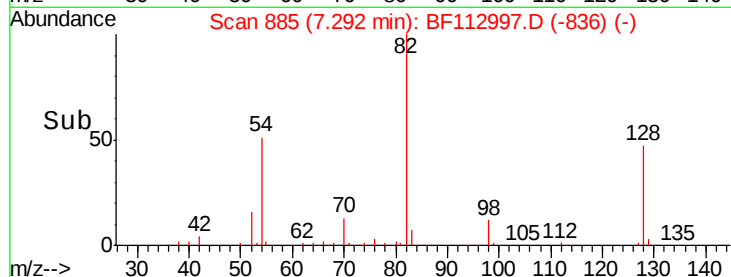
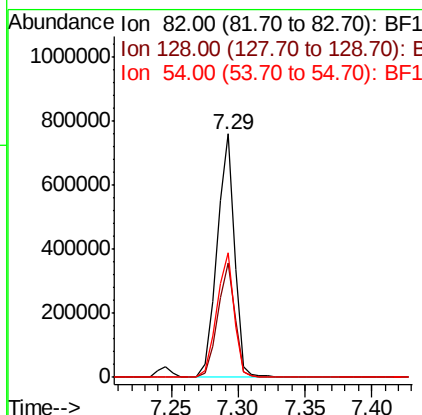
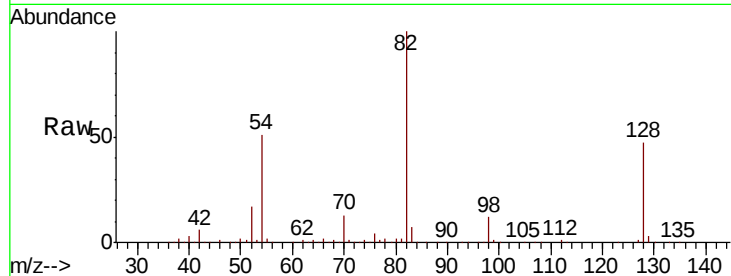
#23
Nitrobenzene-d5
Concen: 81.589 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	51.4	43.7	65.5

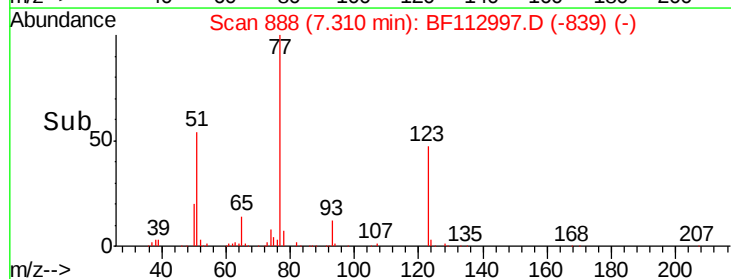
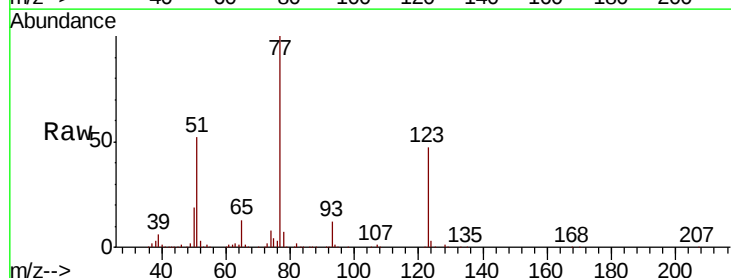
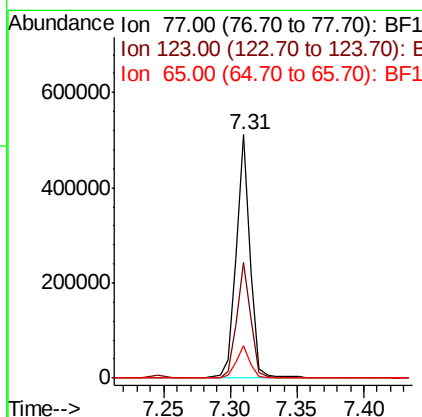
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#24
Nitrobenzene
Concen: 38.815 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.8	56.6
65	13.3	11.1	16.7





#25

Isophorone

Concen: 36.037 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

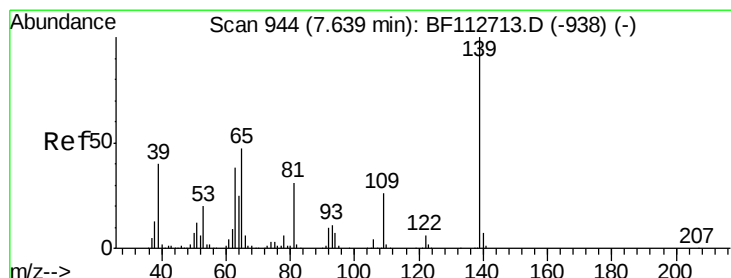
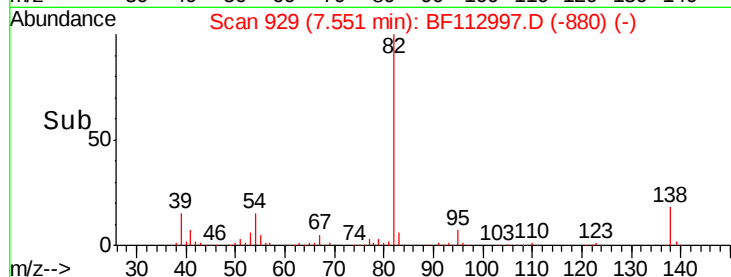
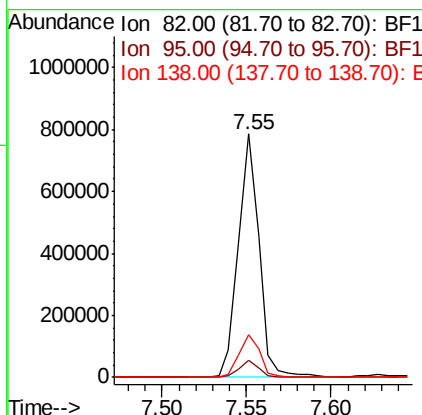
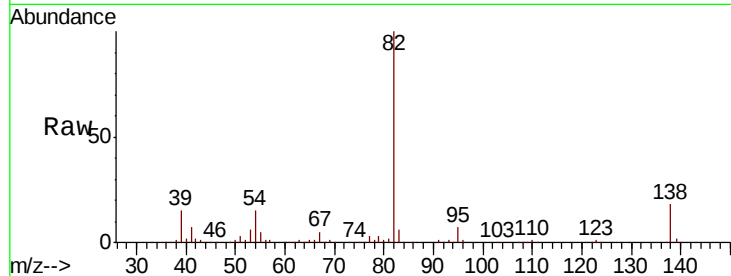
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	670786
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.7	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.565 ng

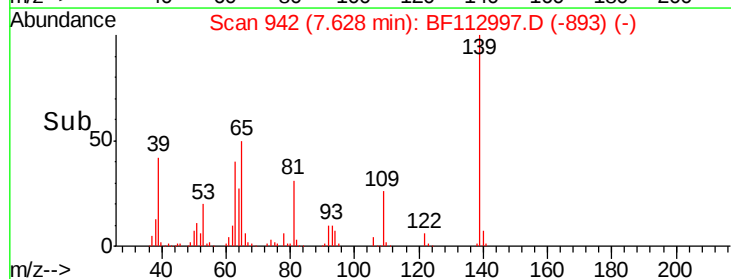
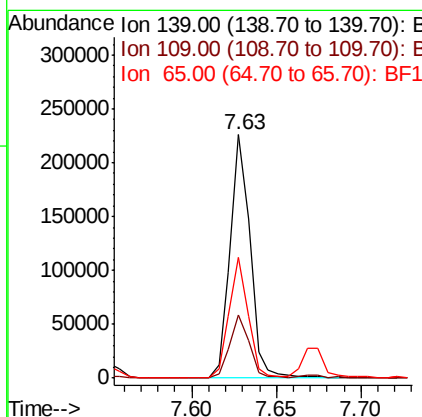
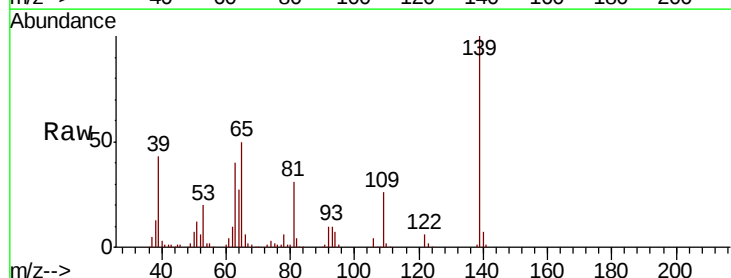
RT: 7.63 min Scan# 942

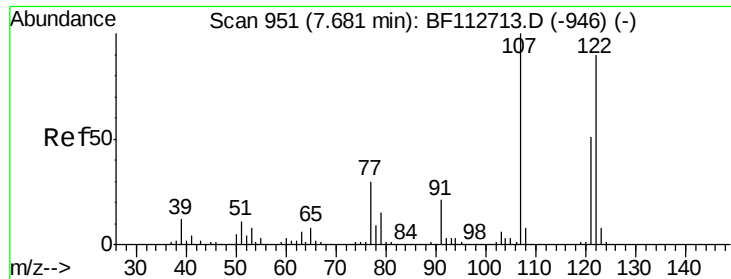
Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:	139	Resp:	186403
Ion Ratio	Lower	Upper	
139	100		
109	25.7	20.6	31.0
65	49.7	37.9	56.9





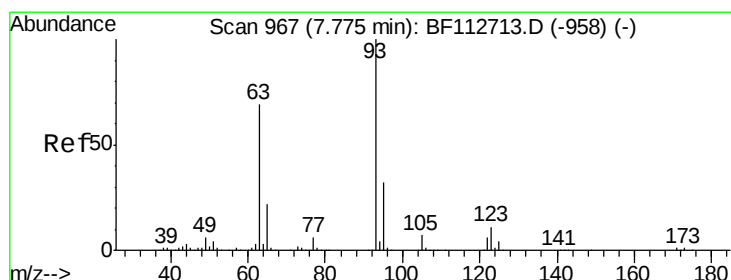
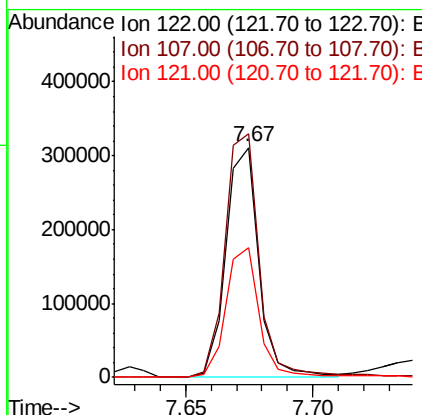
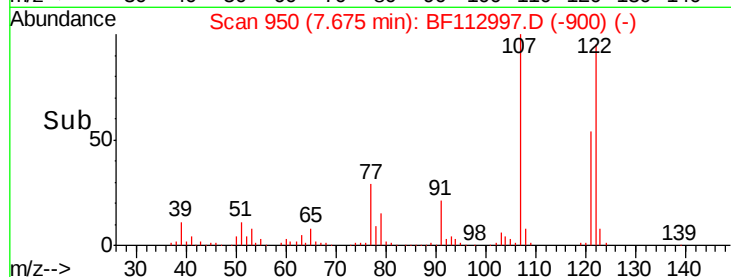
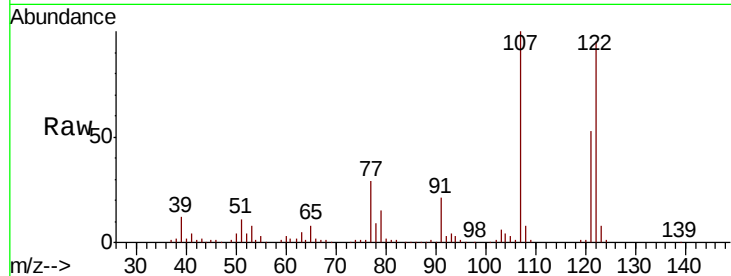
#27
 2,4-Dimethylphenol
 Concen: 37.706 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.8	89.4	134.0
121	56.6	45.5	68.3

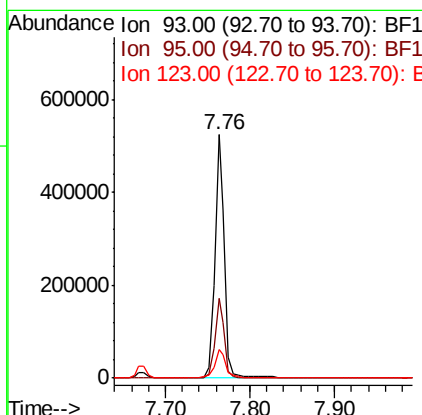
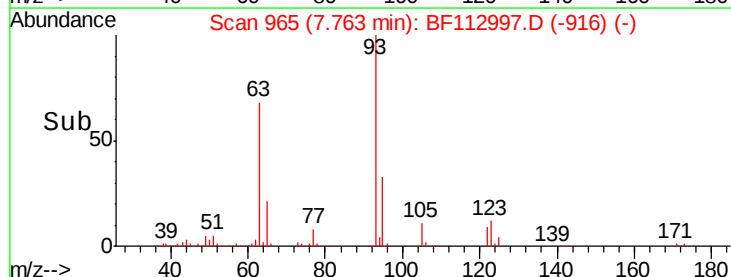
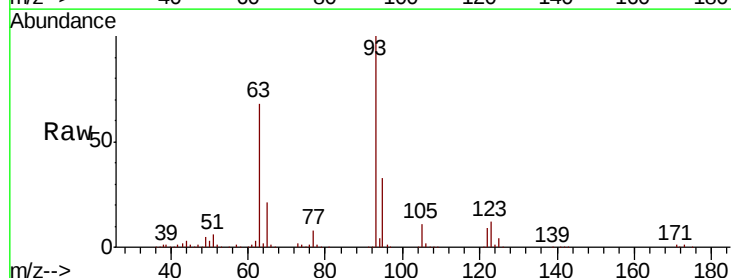
Manual Integrations
 APPROVED

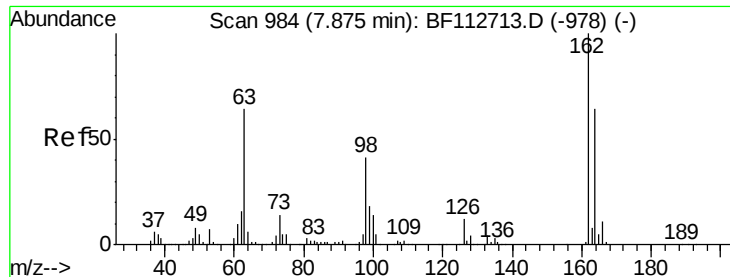
Sohil
 3/12/2019 4:29:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.331 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.9	9.3	13.9





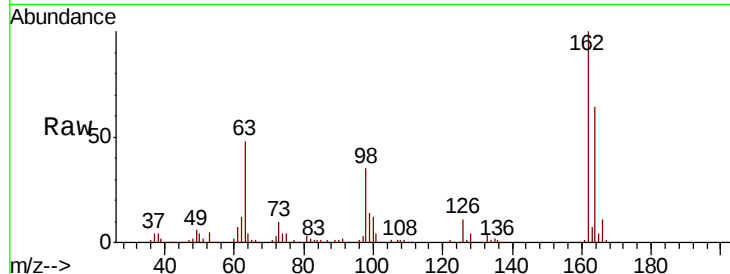
#29
2,4-Dichlorophenol
Concen: 42.747 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	308720		
164	64.0	44.0	84.0	
98	35.2	20.7	60.7	

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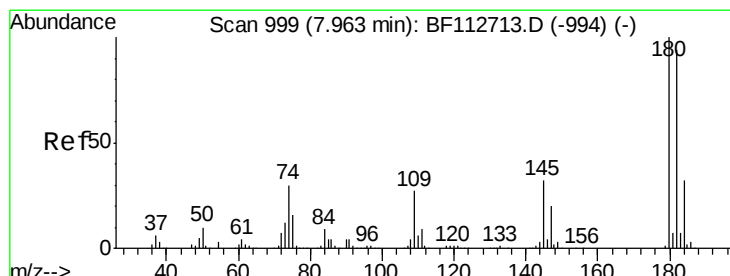
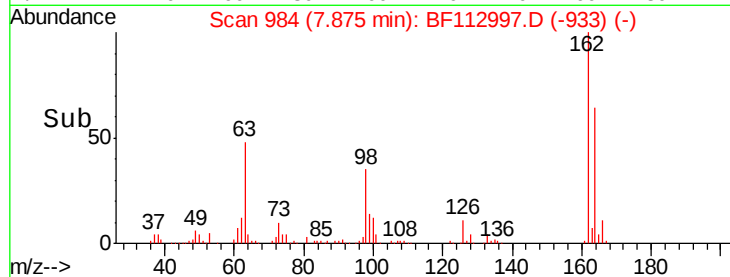
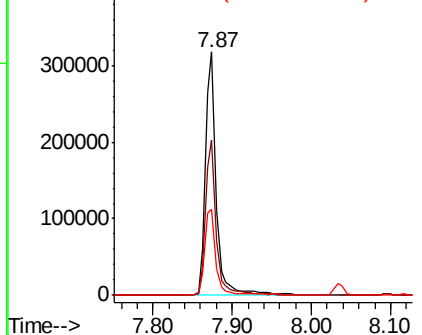


Abundance

Ion 162.00 (161.70 to 162.70): E

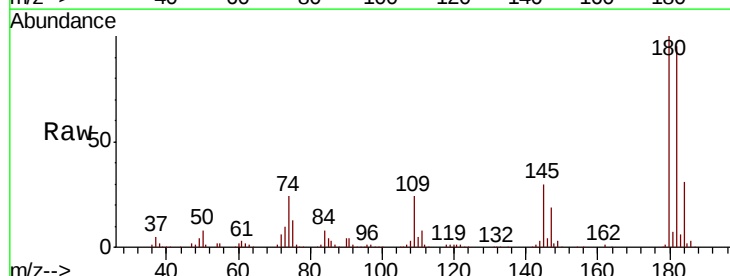
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.421 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	321426		
182	94.8	75.2	112.8	
145	30.5	25.4	38.0	

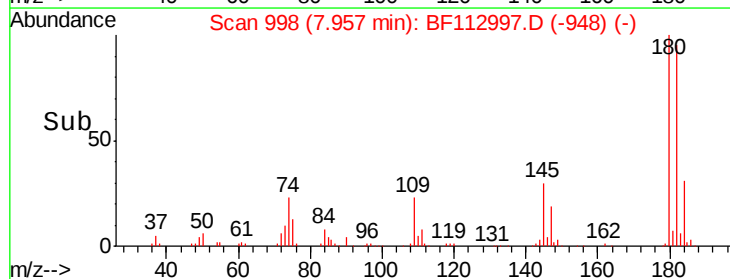
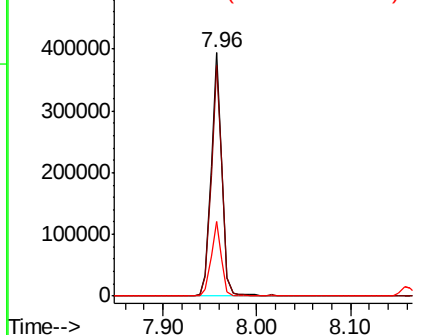


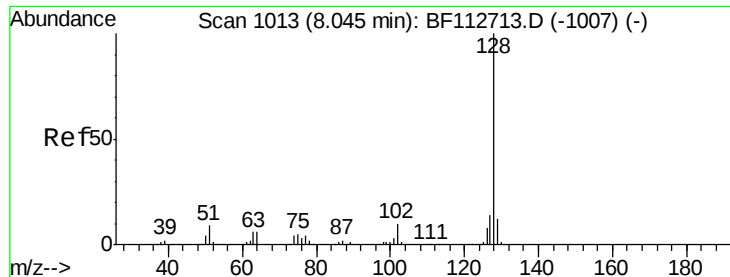
Abundance

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





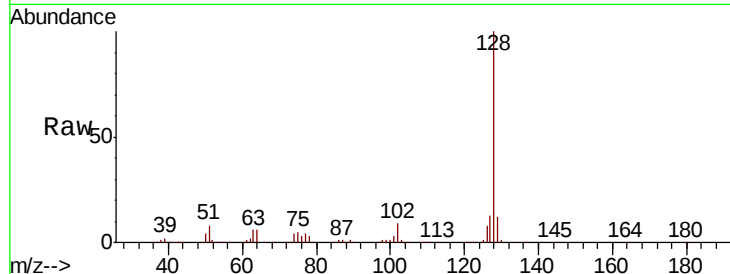
#31
Naphthalene
Concen: 39.991 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.3	10.9	16.3

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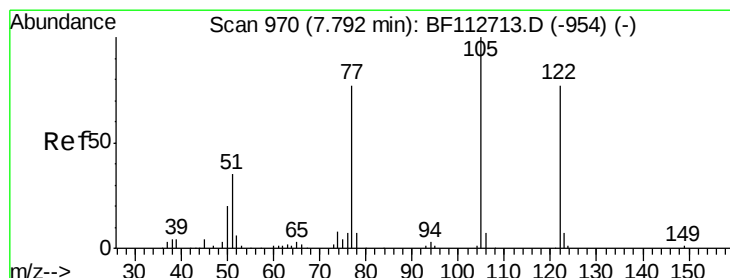
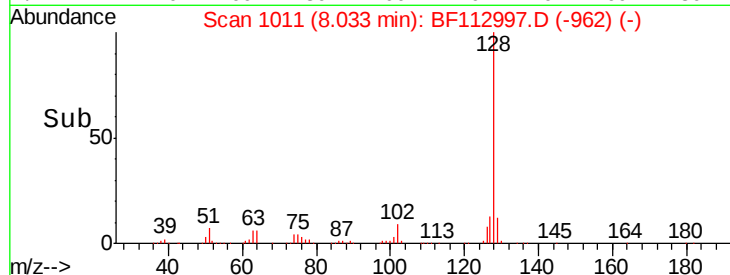
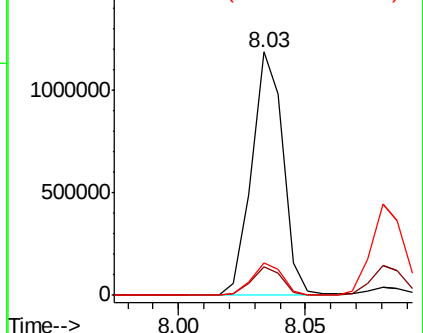


Abundance

Ion 128.00 (127.70 to 128.70): E

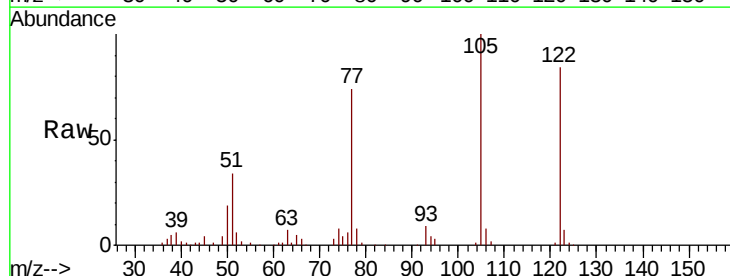
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.564 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	106.8	146.8
77	88.1	79.4	119.4

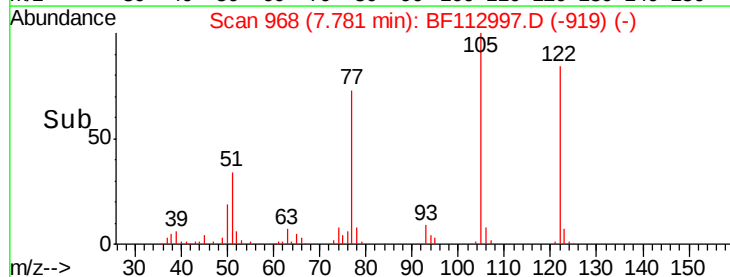
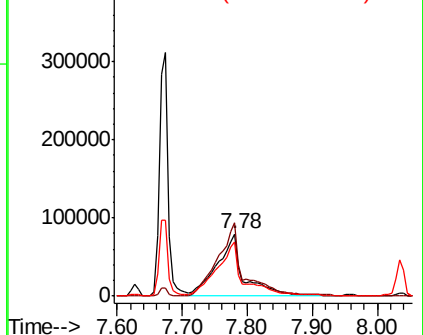


Abundance

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





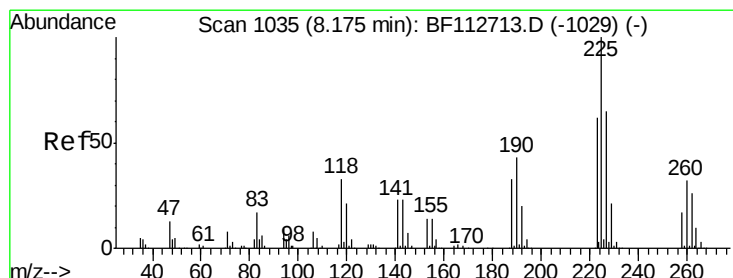
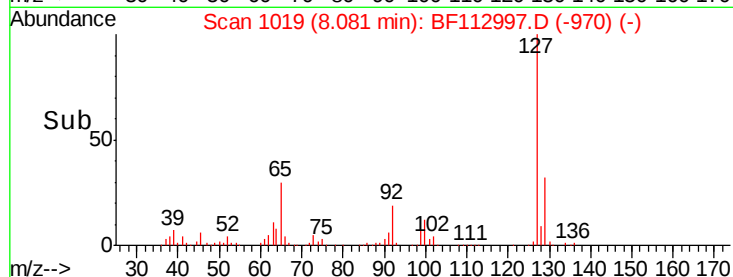
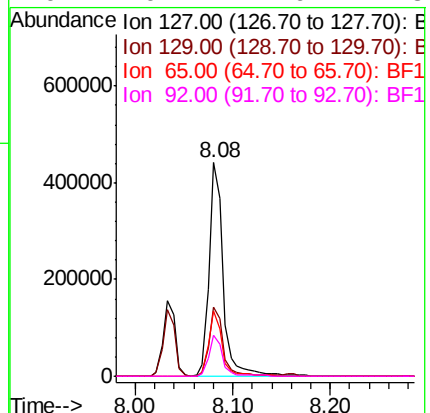
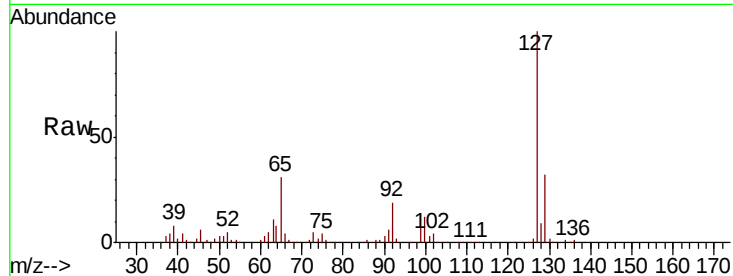
#33
4-Chloroaniline
Concen: 40.490 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		440200		
129	32.3	26.4	39.6		
65	30.6	23.1	34.7		
92	19.4	14.9	22.3		

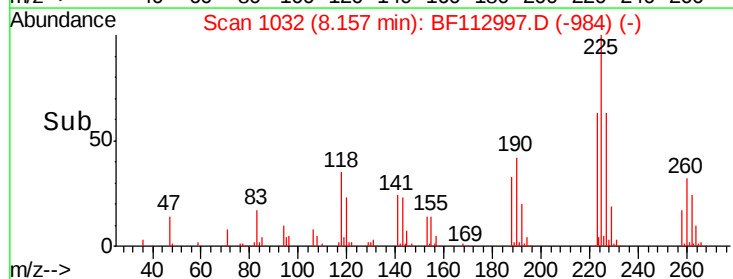
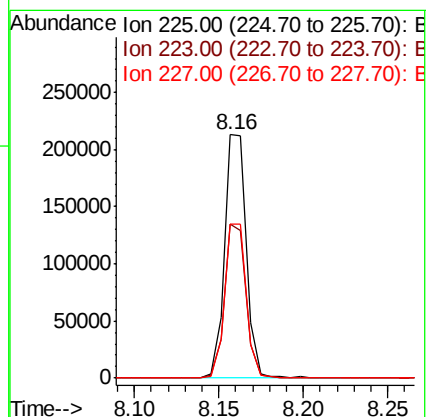
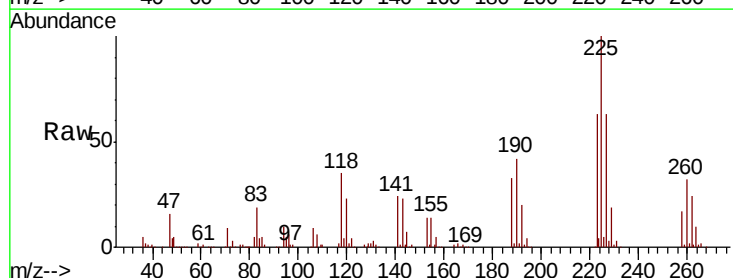
Manual Integrations
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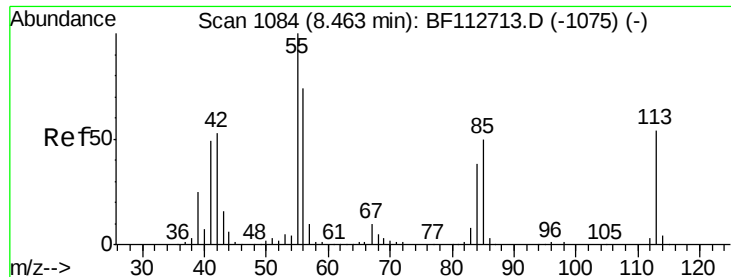
Sohil
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#34
Hexachlorobutadiene
Concen: 43.560 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		190636		
223	63.3	49.7	74.5		
227	63.3	52.1	78.1		





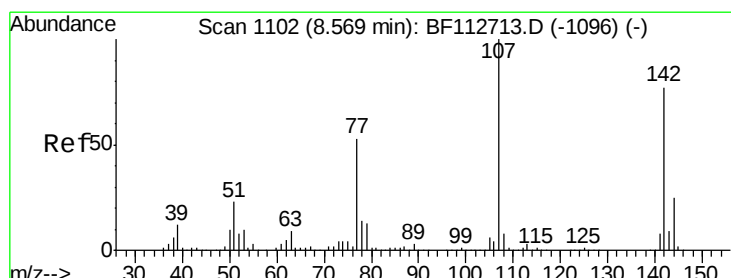
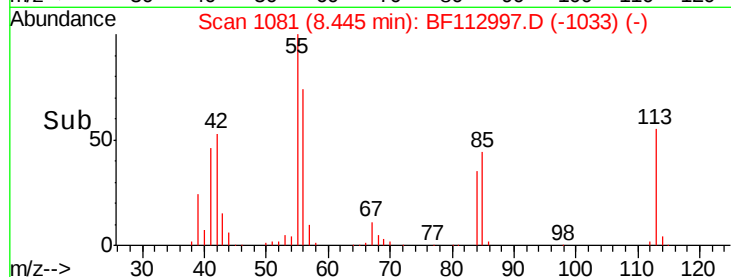
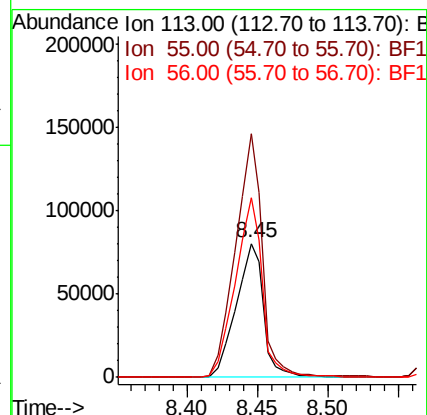
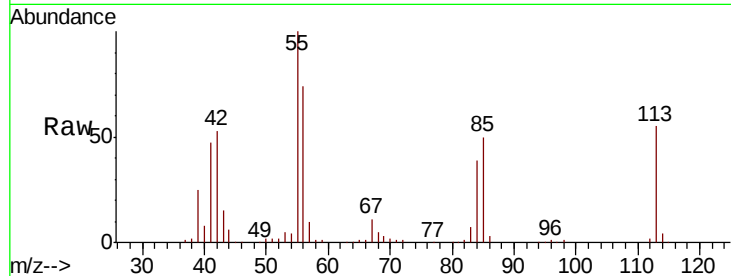
#35
 Caprolactam
 Concen: 42.392 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.9	163.5	203.5
56	134.2	115.3	155.3

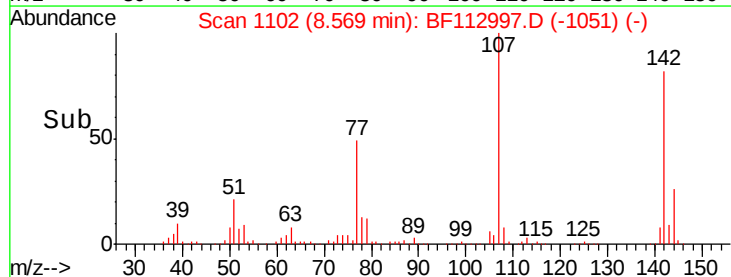
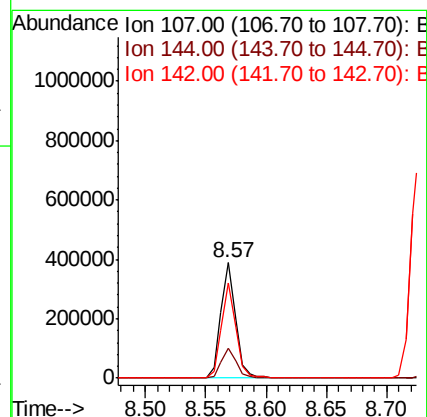
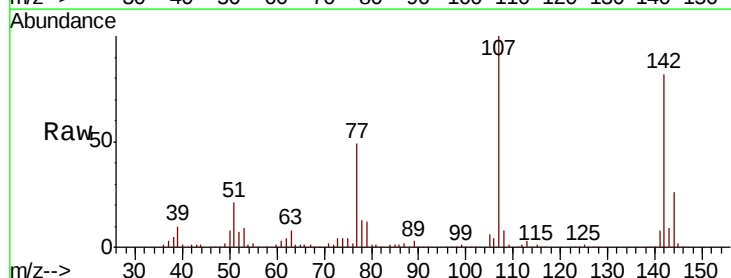
Manual Integrations
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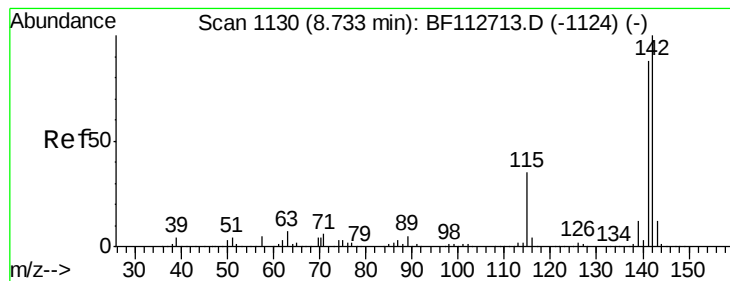
Sohil
 3/12/2019 4:29:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.032 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.1	30.1
142	82.0	61.9	92.9





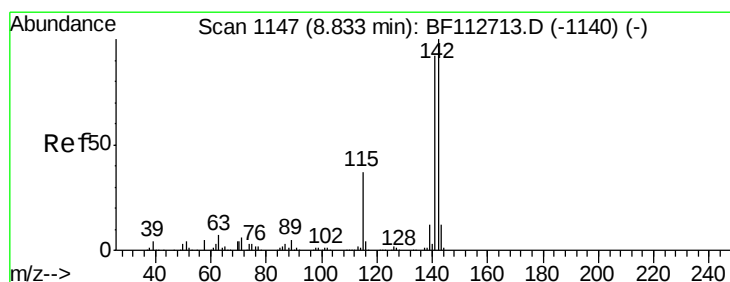
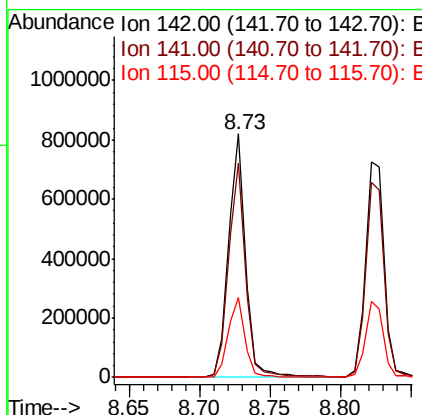
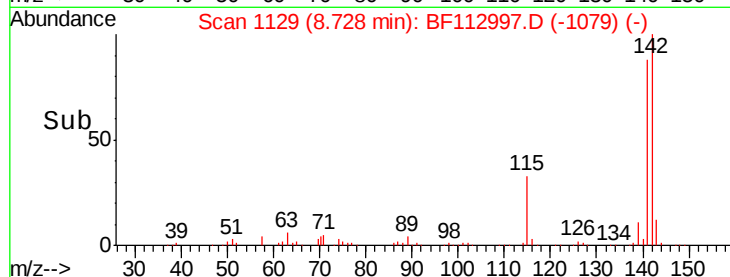
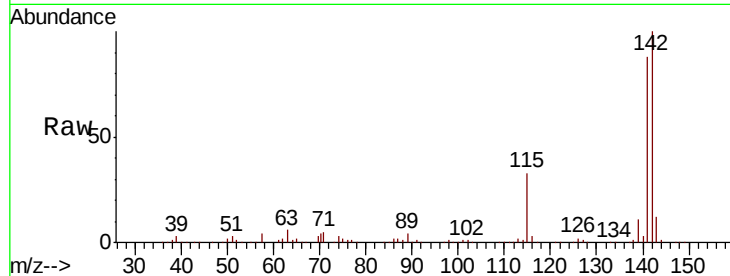
#37
2-Methylnaphthalene
Concen: 41.364 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	32.7	27.8	41.6

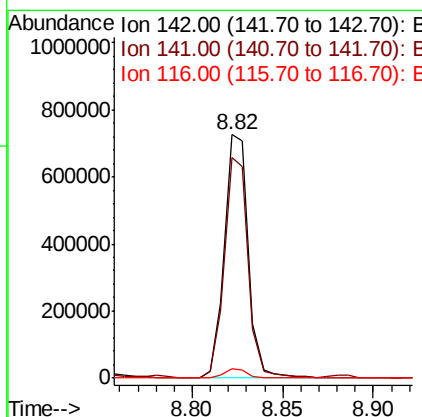
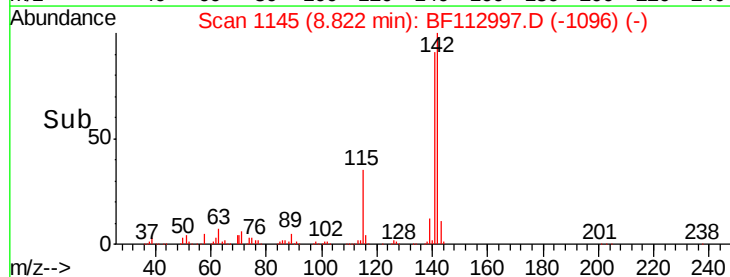
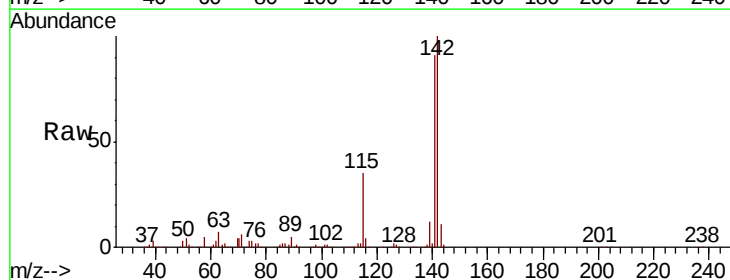
Manual Integrations
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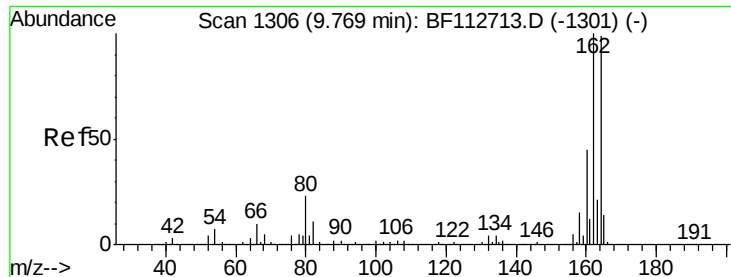
Sohil
3/12/2019 4:29:20 PM



#38
1-Methylnaphthalene
Concen: 41.238 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.7	110.5
116	3.6	3.1	4.7





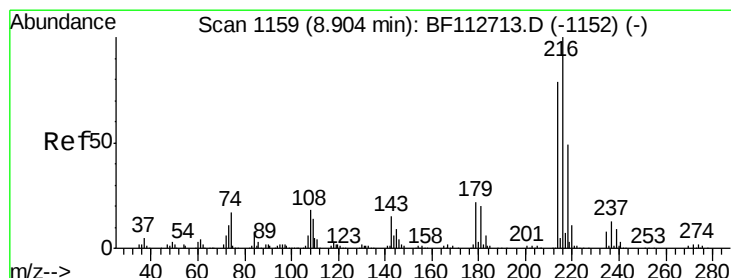
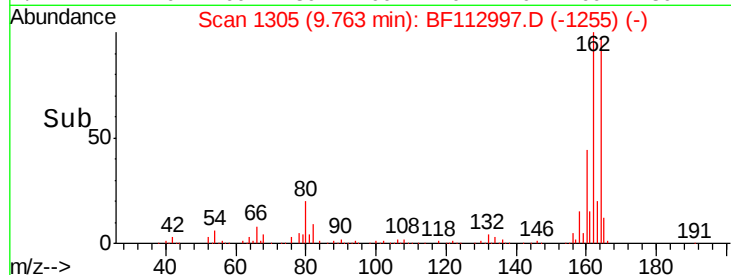
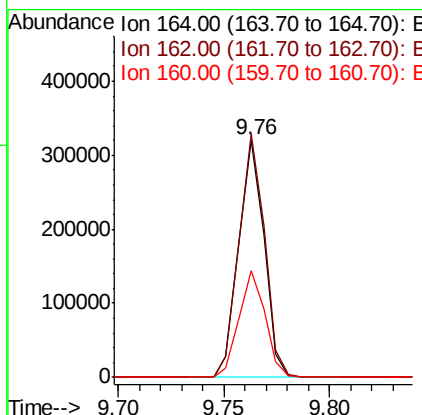
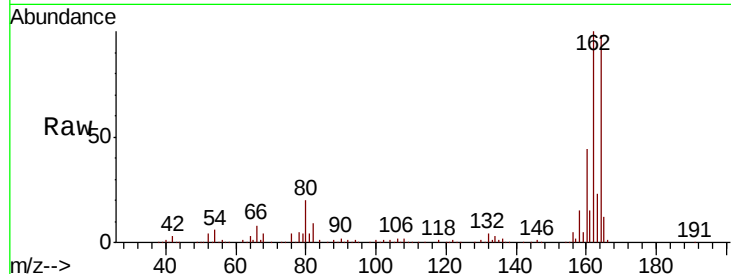
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.1	36.0	54.0

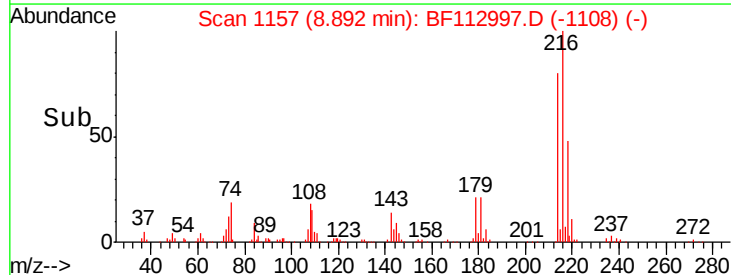
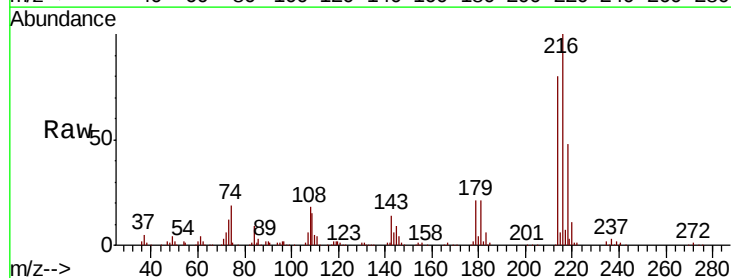
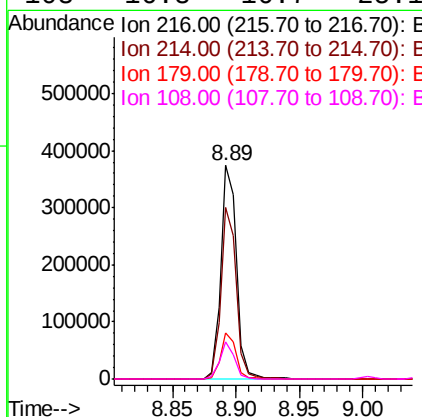
Manual Integrations
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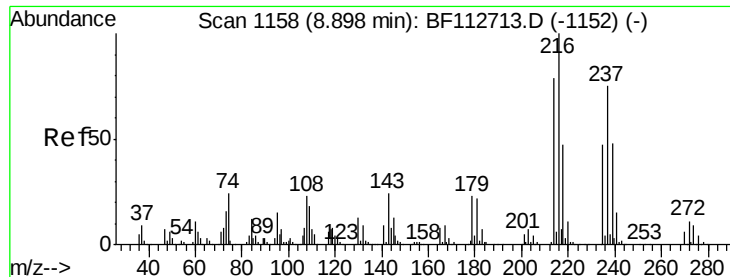
Sohil
 3/12/2019 4:29:20 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.801 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	20.6	17.5	26.3
108	16.8	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 10.248 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

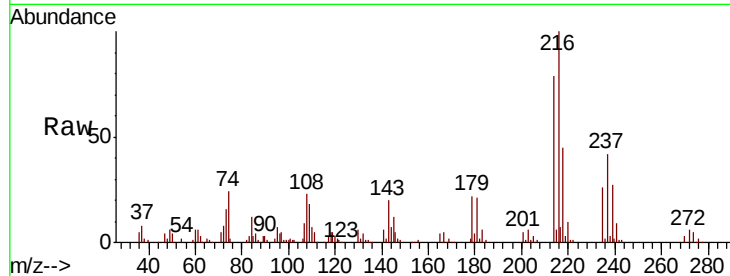
ClientSampleId :

SSTDCCC040EC

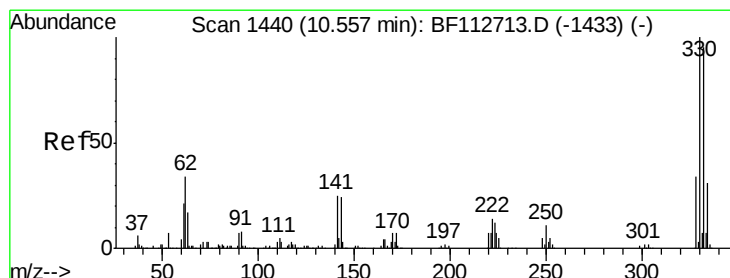
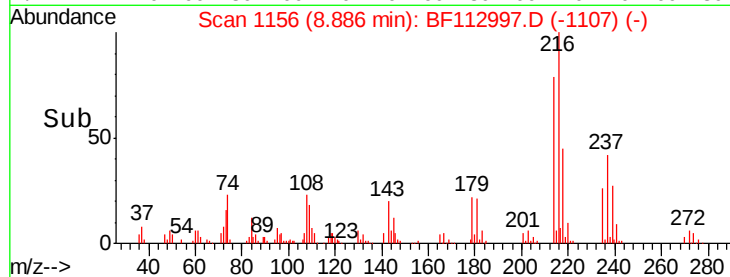
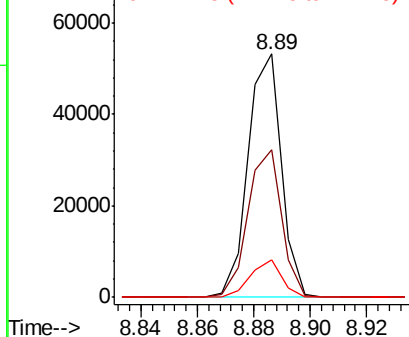
Tot Ion:	237	Resp:	43655
Ion Ratio	Lower	Upper	
237	100		
235	60.4	42.2	82.2
272	15.2	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 95.345 ng

RT: 10.55 min Scan# 1439

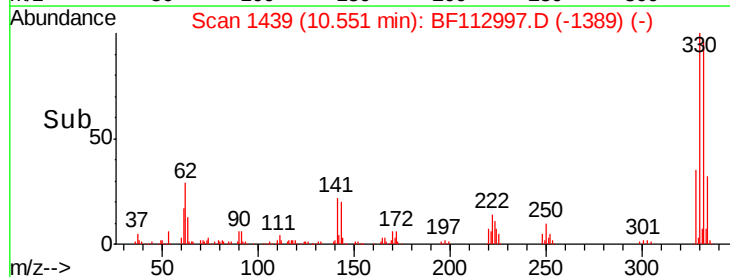
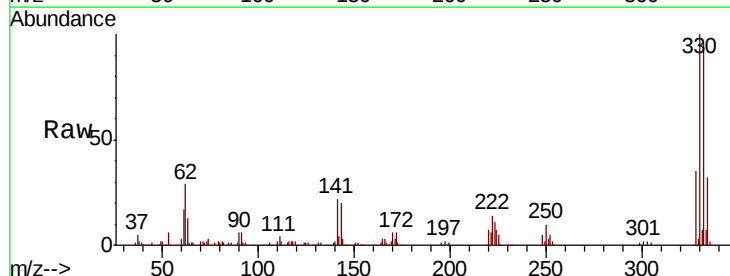
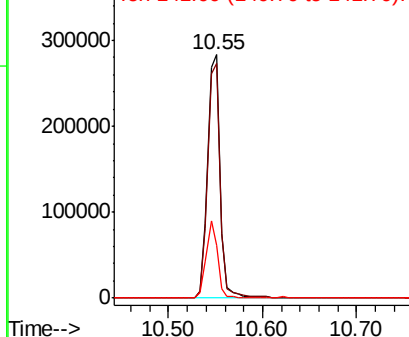
Delta R.T. -0.01 min

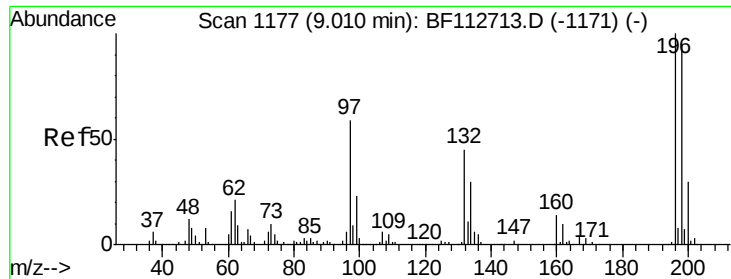
Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:	330	Resp:	270022
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.2	114.4
141	28.5	27.0	40.6

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





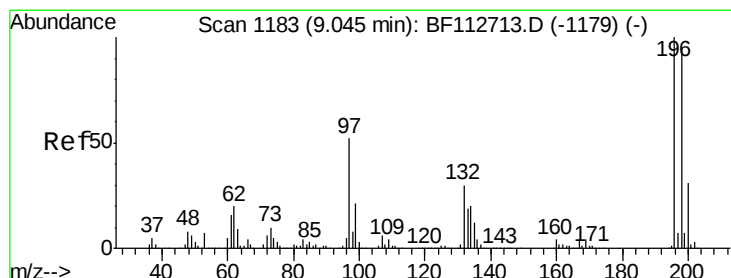
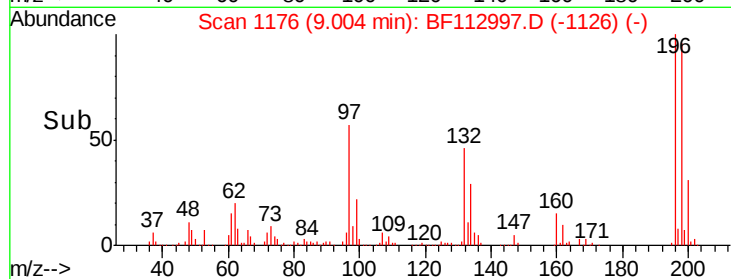
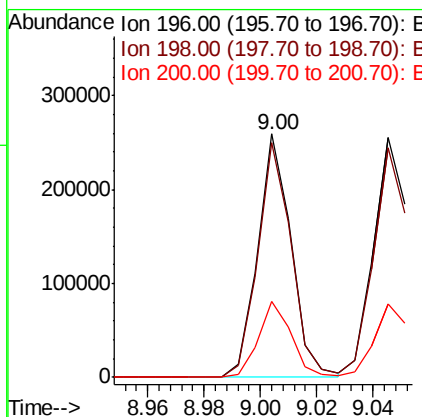
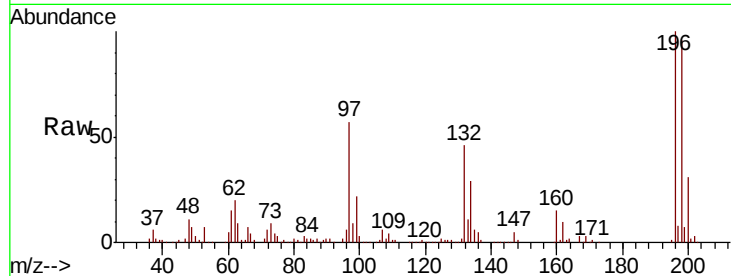
#43
 2,4,6-Trichlorophenol
 Concen: 39.653 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212295		
198	96.2	75.8	113.8	
200	31.2	24.3	36.5	

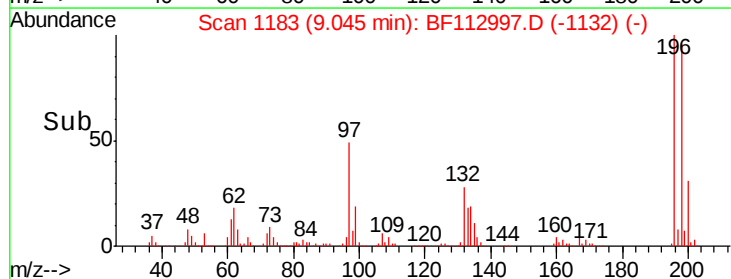
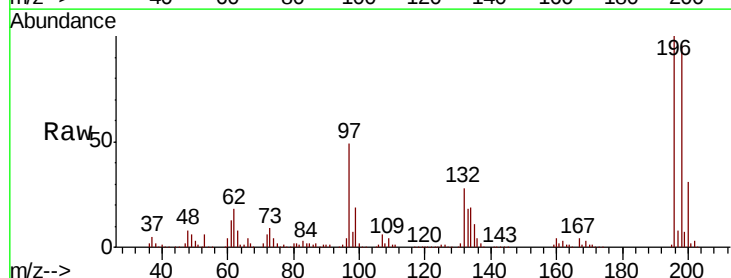
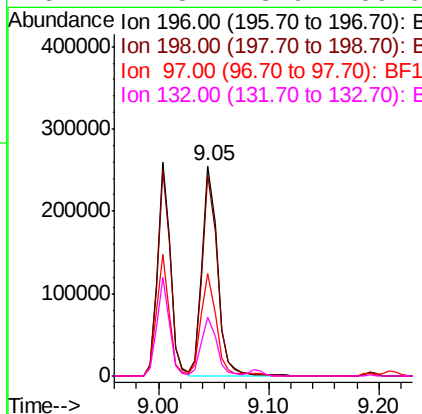
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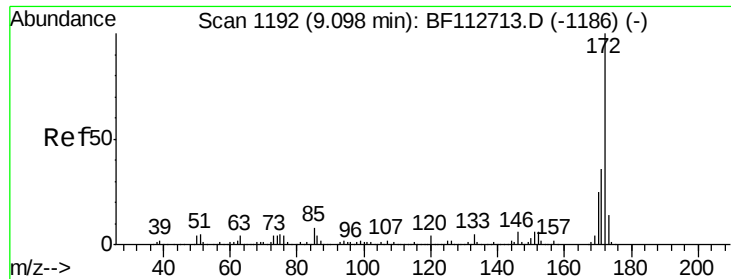
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 41.316 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239092		
198	95.7	76.2	114.2	
97	48.6	41.5	62.3	
132	27.8	23.9	35.9	





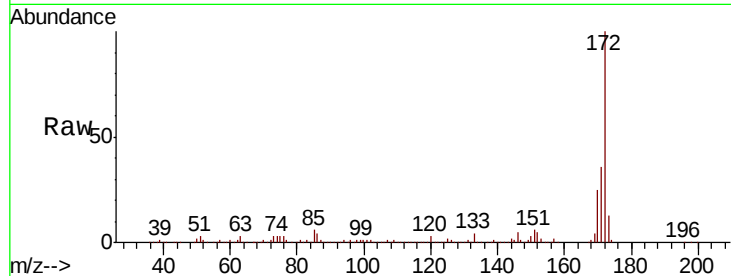
#45
2-Fluorobiphenyl
Concen: 81.010 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	20.0	30.0

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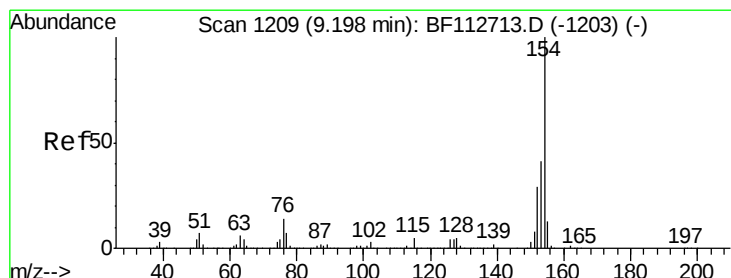
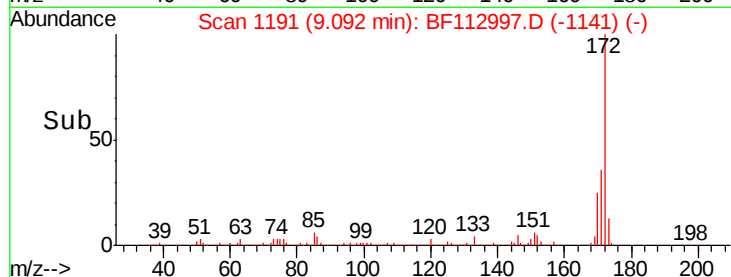
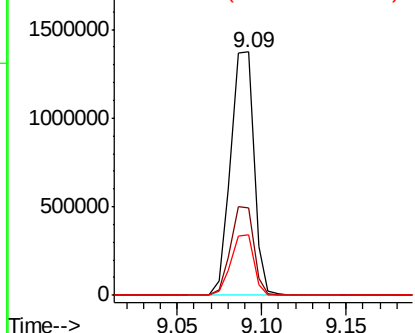


Abundance

Ion 172.00 (171.70 to 172.70): E

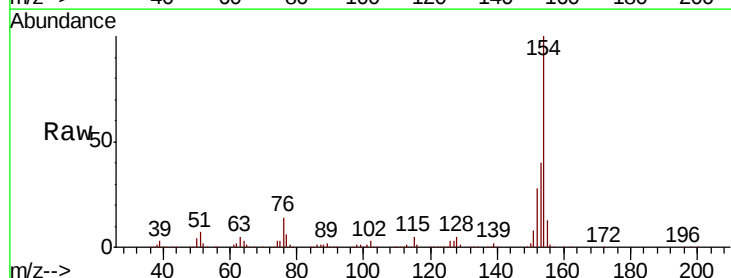
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.748 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	13.8	0.0	33.8

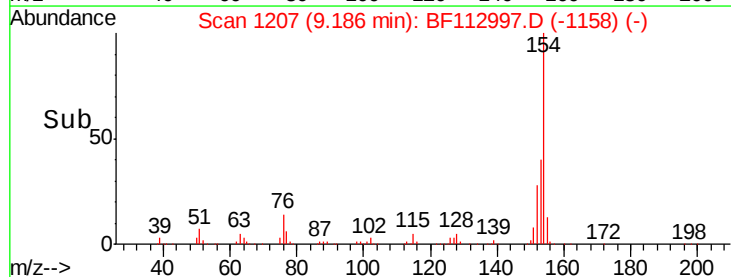
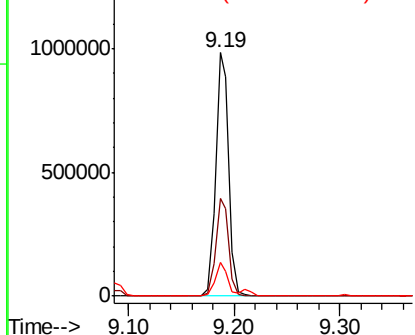


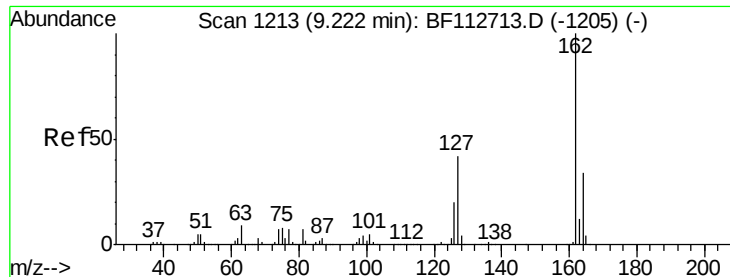
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





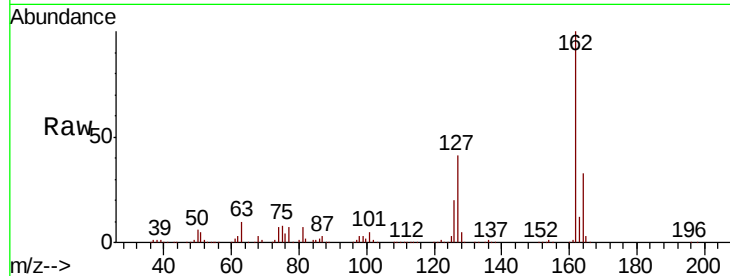
#47
 2-Chloronaphthalene
 Concen: 38.857 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

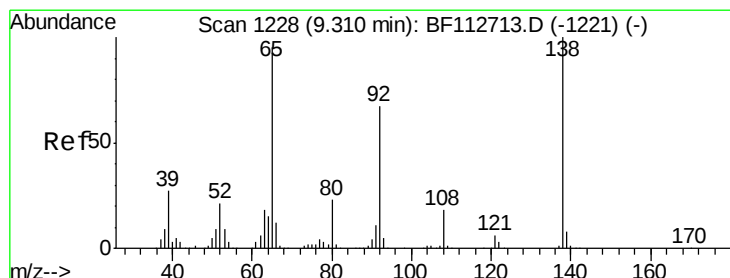
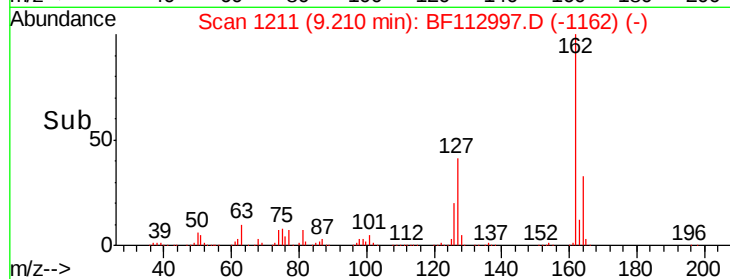
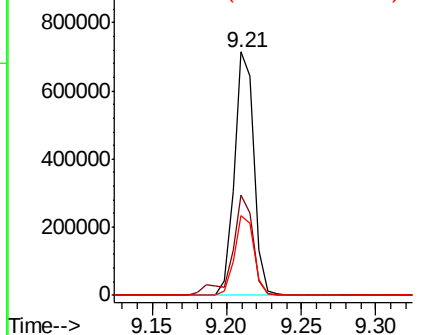
Tot Ion:	162	Resp:	660180
Ion Ratio	Lower	Upper	
162	100		
127	41.4	33.4	50.2
164	33.0	26.9	40.3

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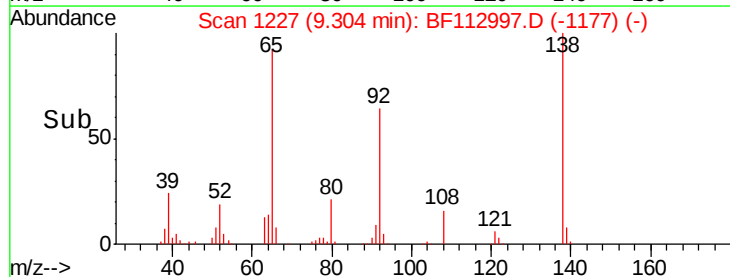
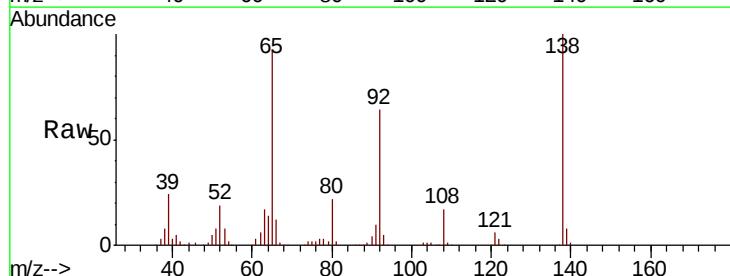
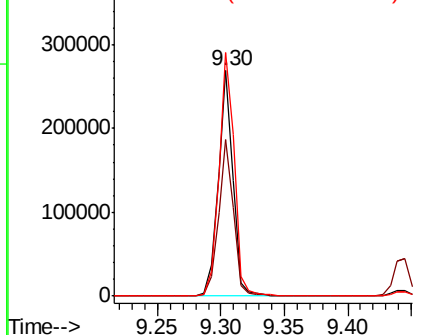
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.789 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:	65	Resp:	220976
Ion Ratio	Lower	Upper	
65	100		
92	69.3	56.4	84.6
138	107.9	84.6	126.8

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





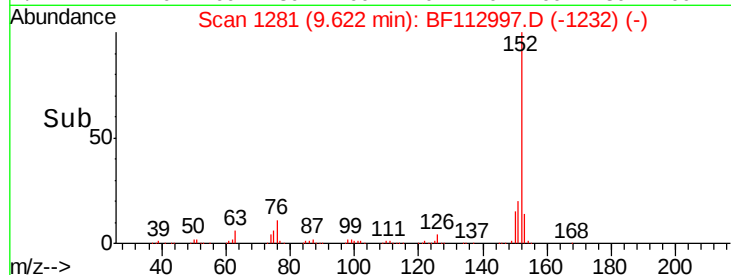
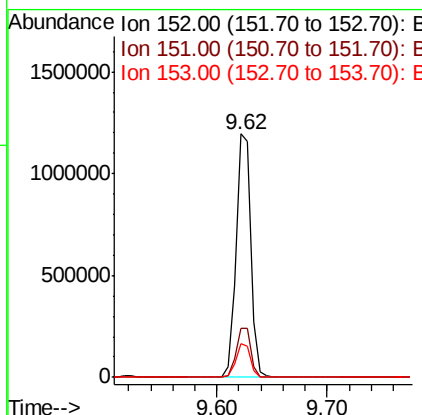
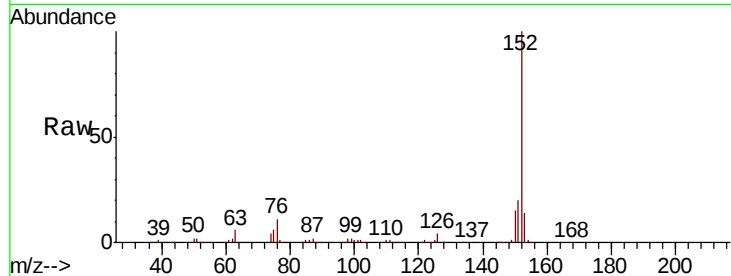
#49
Acenaphthylene
Concen: 38.949 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.7	11.0	16.6

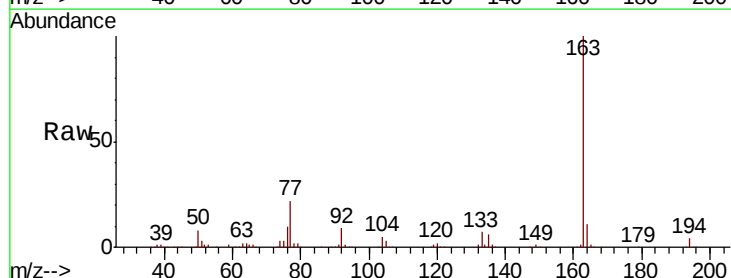
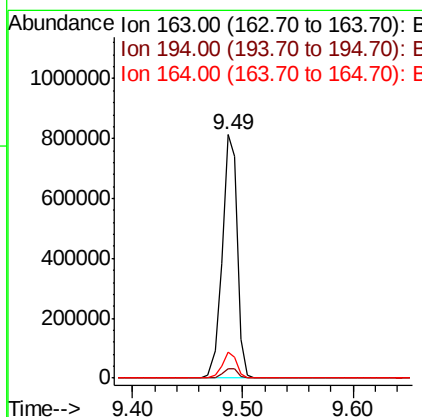
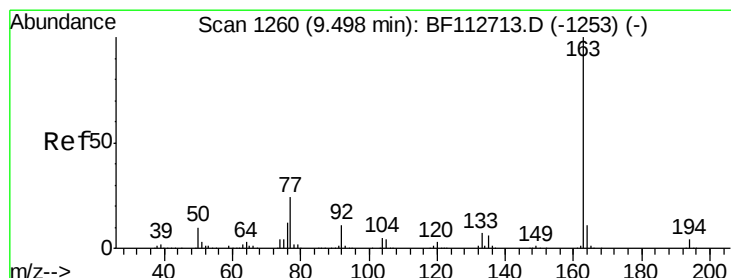
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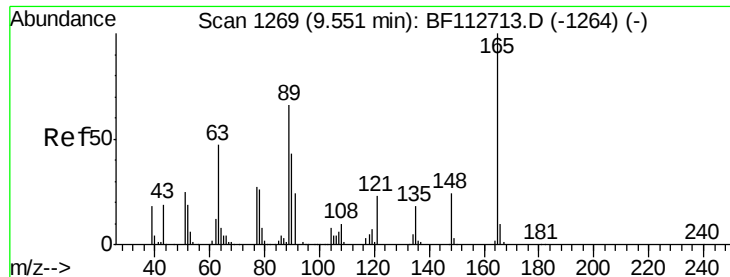
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#50
Dimethylphthalate
Concen: 39.306 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.7	8.4	12.6





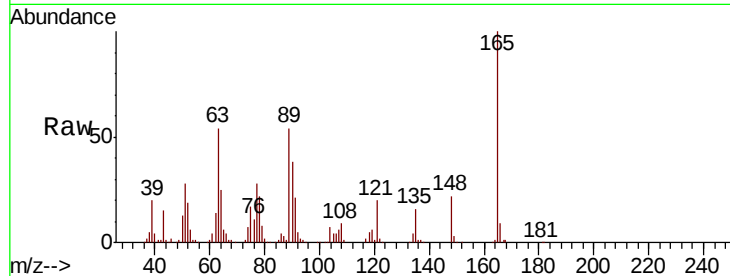
#51
2,6-Dinitrotoluene
Concen: 43.760 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	54.1	81.1
89	54.4	52.8	79.2

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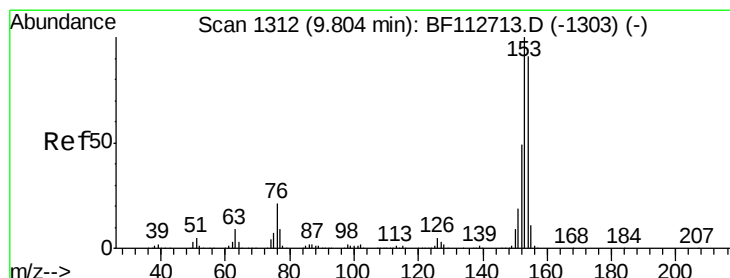
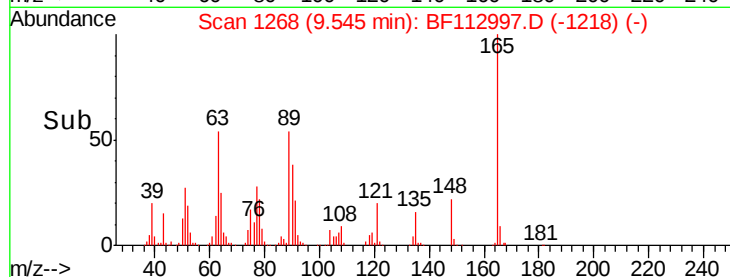
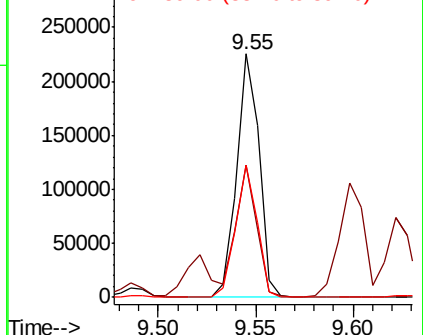


Abundance

Ion 165.00 (164.70 to 165.70): E

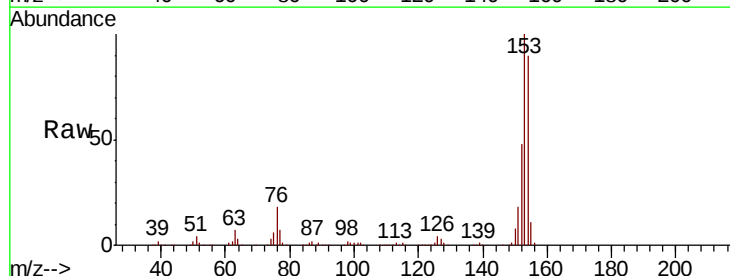
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 37.851 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	87.8	131.8
152	53.2	43.0	64.6

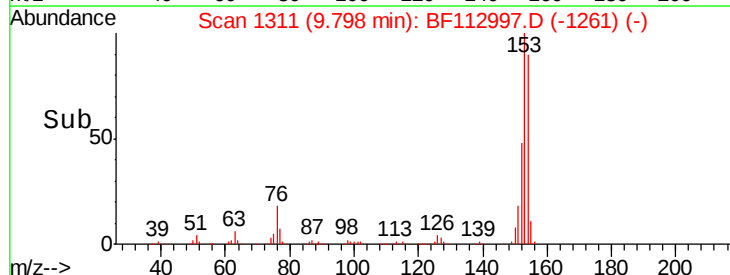
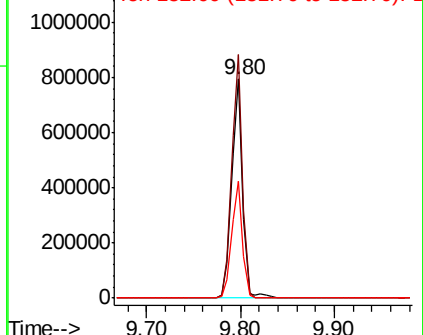


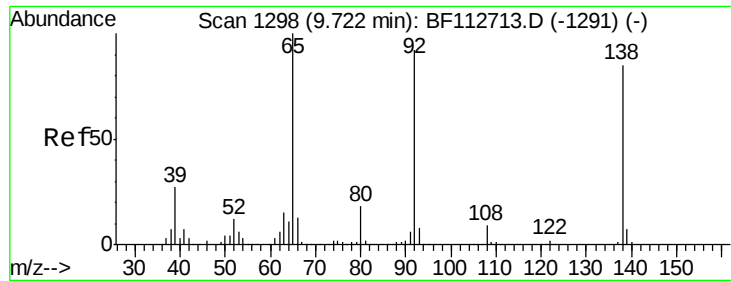
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





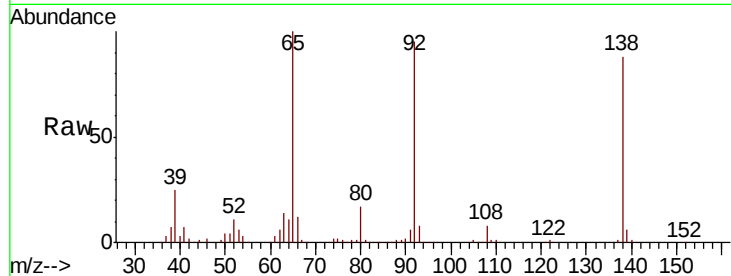
#53
3-Nitroaniline
Concen: 43.950 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.6	13.0
92	107.8	86.6	129.8

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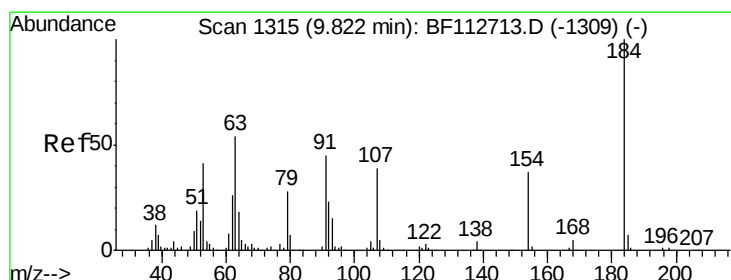
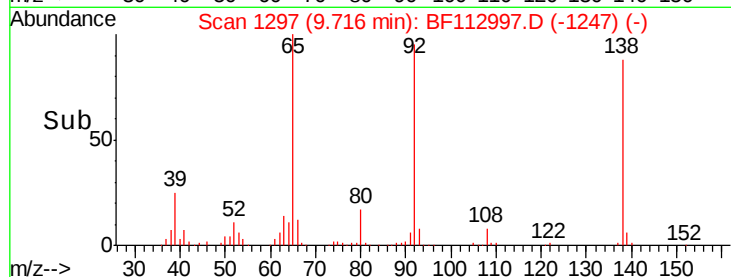
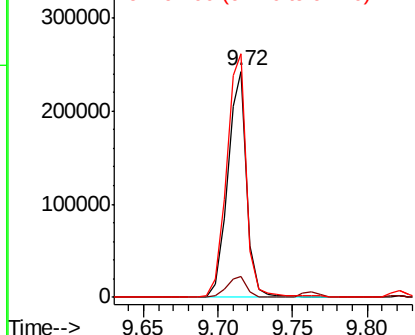


Abundance

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: 20.763 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

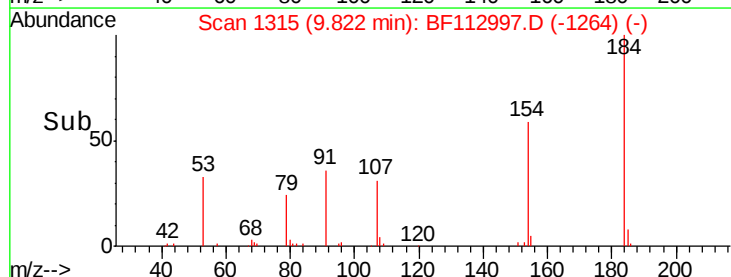
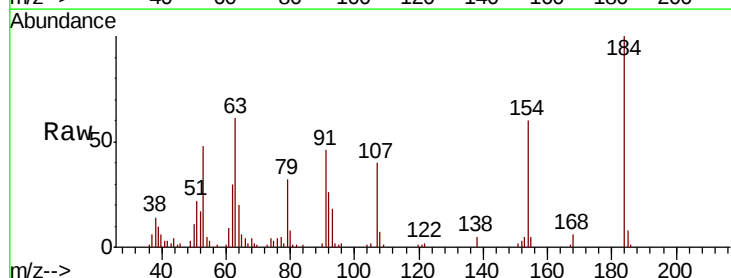
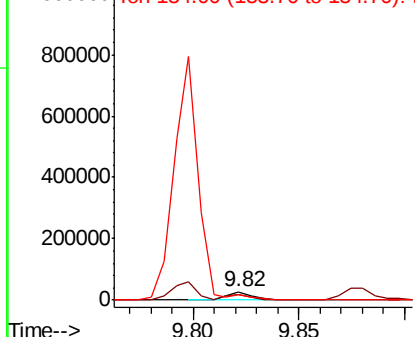
Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	45.3	67.9
154	60.4	46.0	69.0

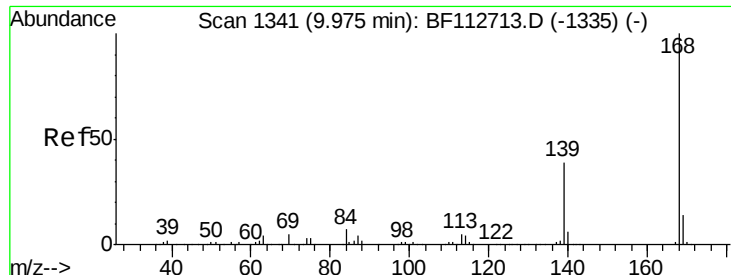
Abundance

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





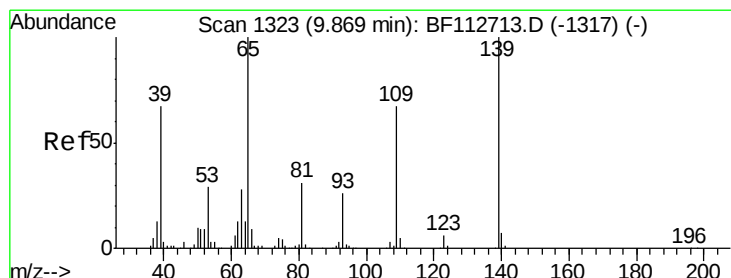
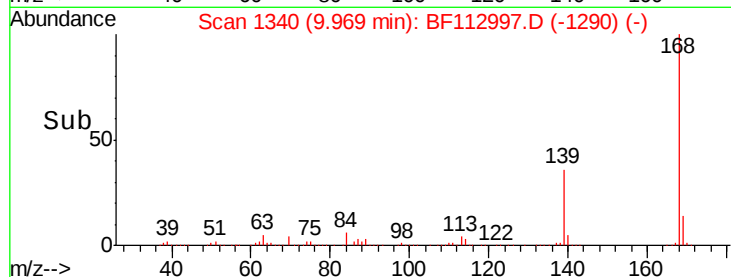
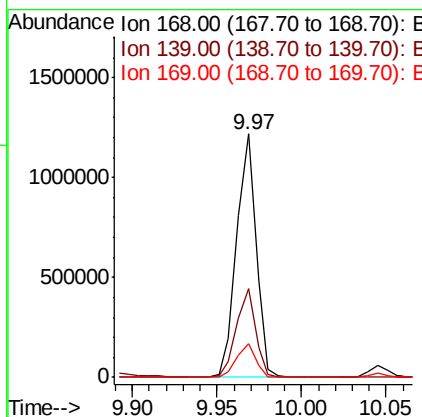
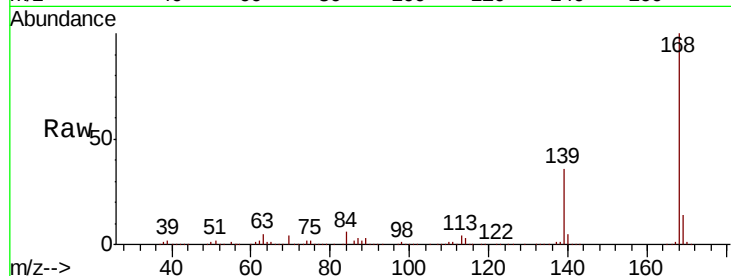
#55
Dibenzofuran
Concen: 39.976 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.2	31.3	46.9	
169	13.6	11.3	16.9	

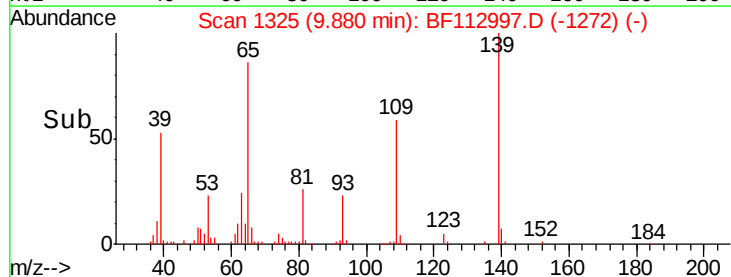
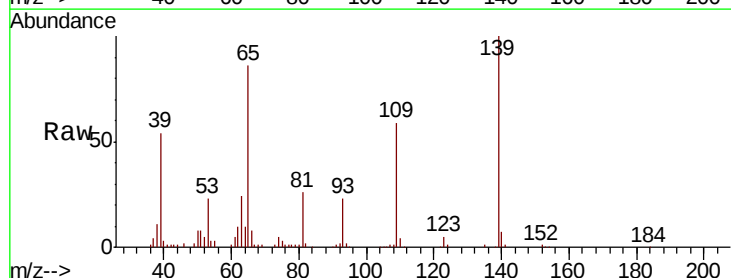
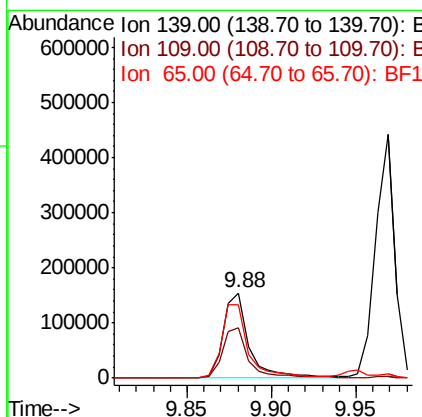
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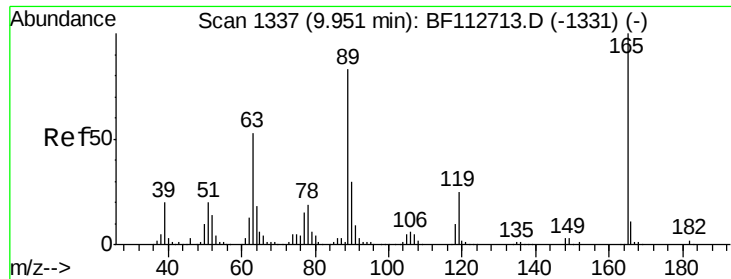
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#56
4-Nitrophenol
Concen: 40.383 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.6	46.8	86.8	
65	85.9	80.7	120.7	





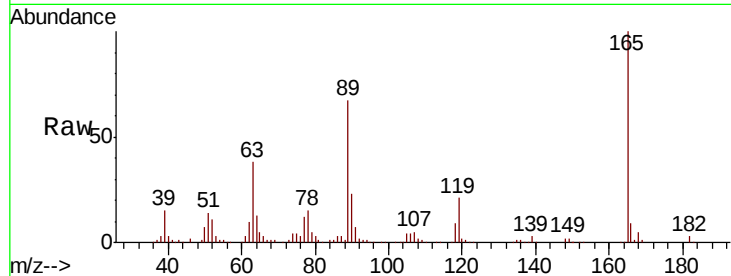
#57
2,4-Dinitrotoluene
Concen: 47.290 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

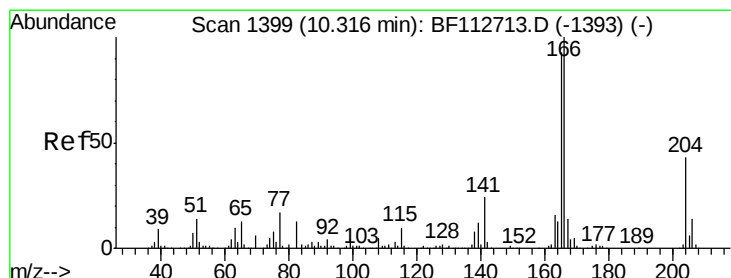
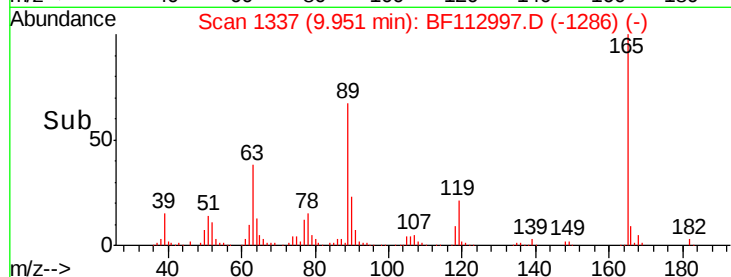
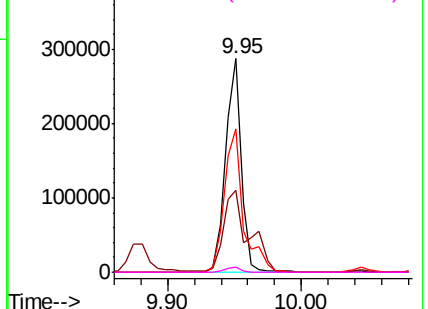
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		240779		
63	38.4	42.2	63.2#		
89	66.9	66.2	99.4		
182	2.5	1.8	2.6		

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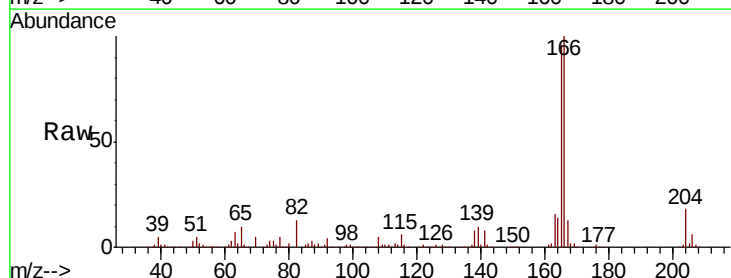


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

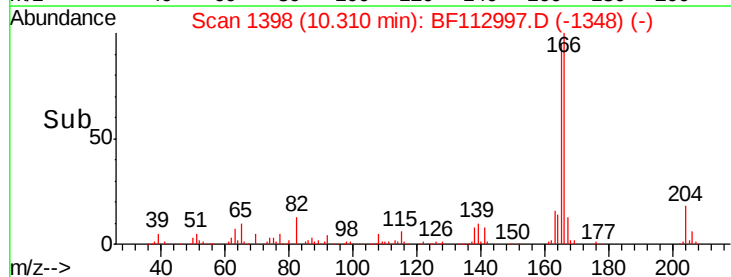
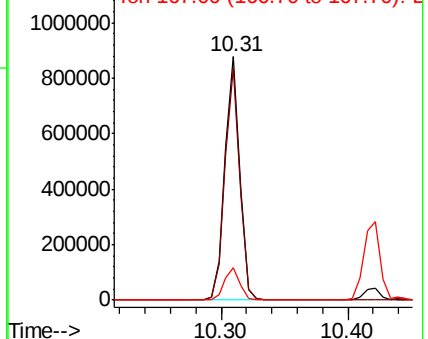


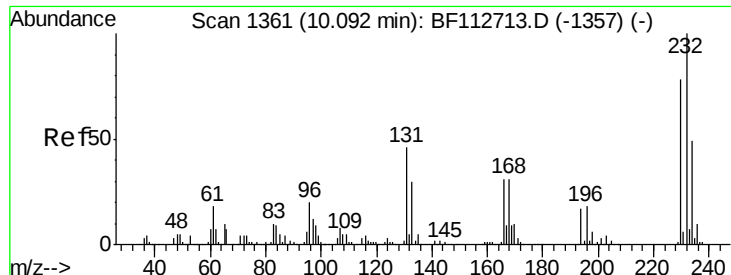
#58
Fluorene
Concen: 41.349 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		719454		
165	95.5	74.7	112.1		
167	13.5	11.0	16.6		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





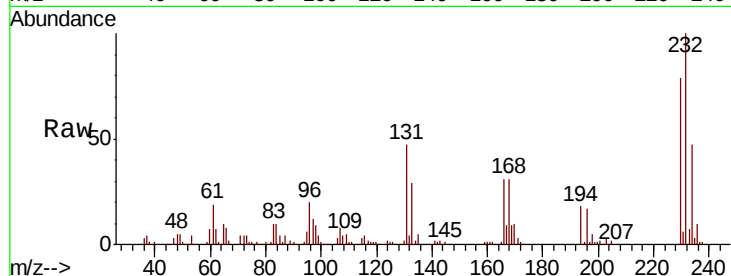
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.548 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209957		
131	42.9		38.7	58.1
130	2.1		1.9	2.9
166	29.7		25.2	37.8

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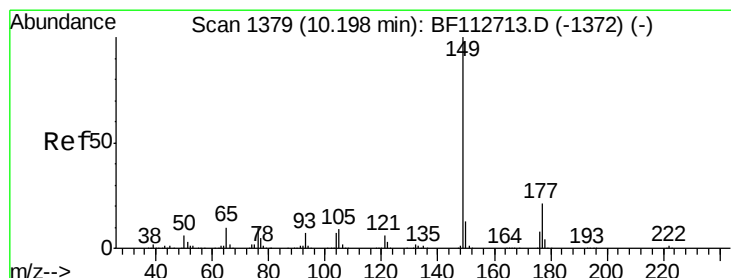
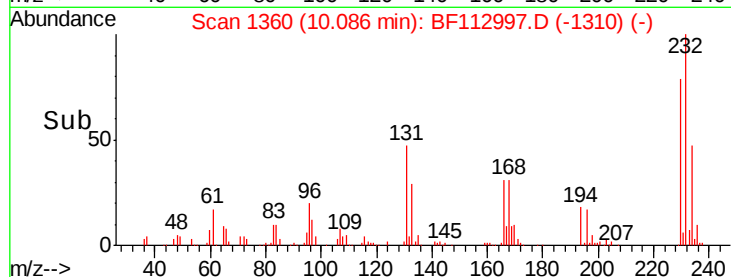
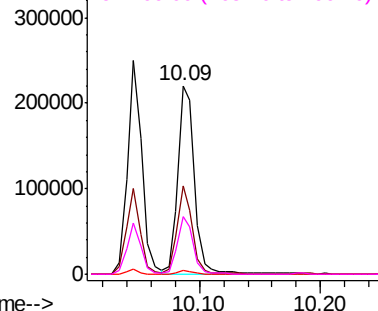
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

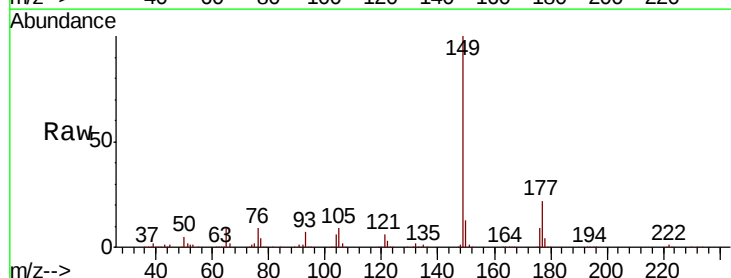
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.179 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793164		
177	22.1		17.0	25.6
150	12.5		10.0	15.0

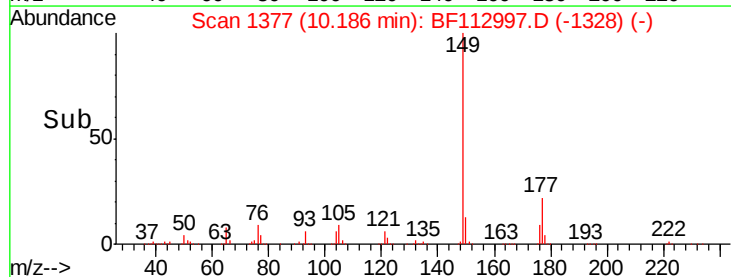
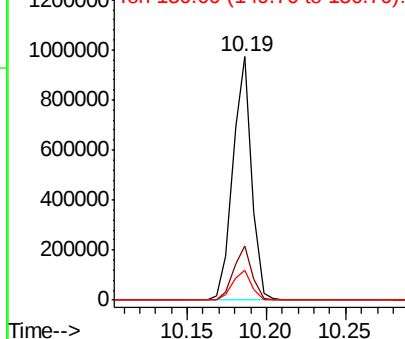


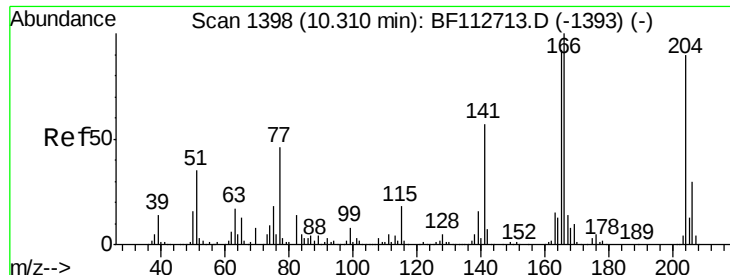
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





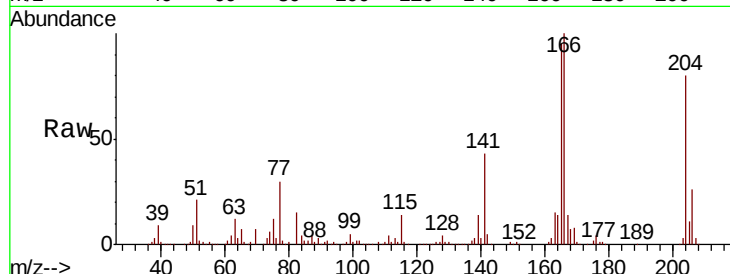
#61
4-Chlorophenyl-phenylether
Concen: 44.473 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	54.3	50.8	76.2

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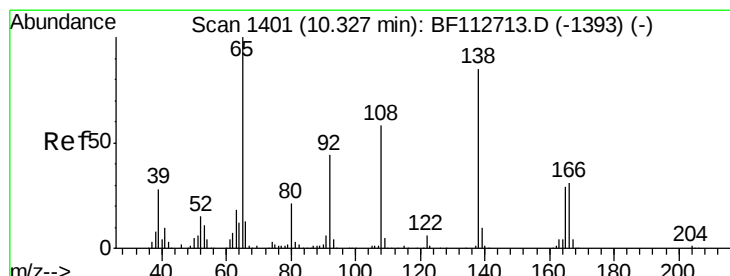
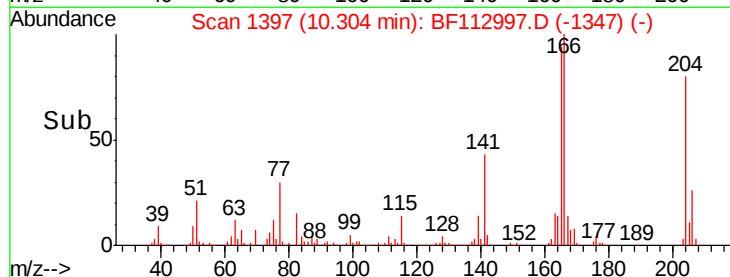
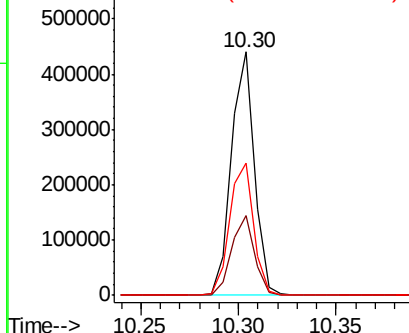


Abundance

Ion 204.00 (203.70 to 204.70): E

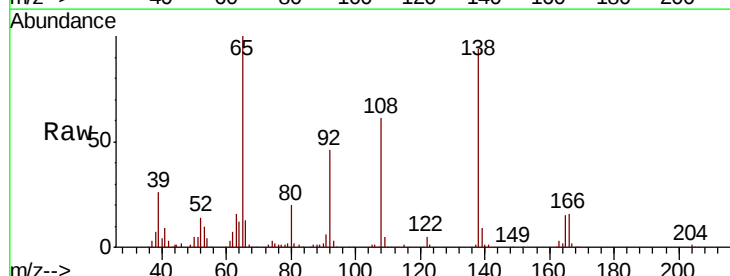
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.016 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

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

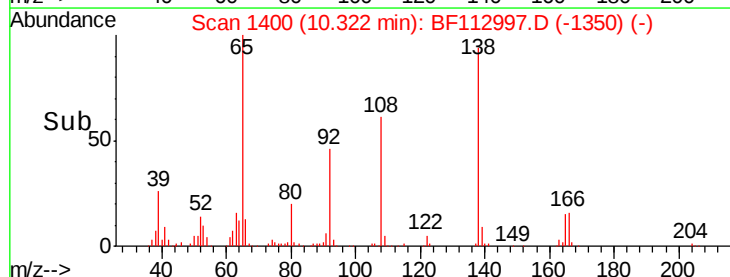
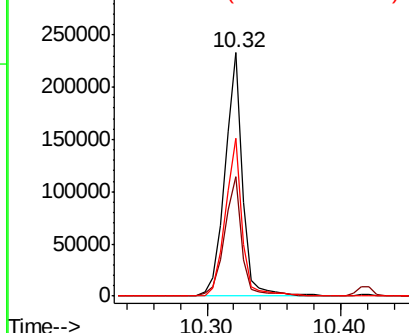


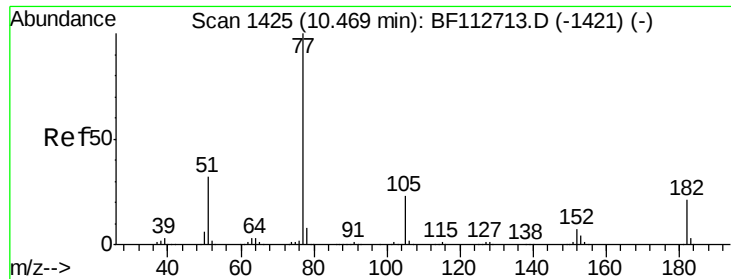
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





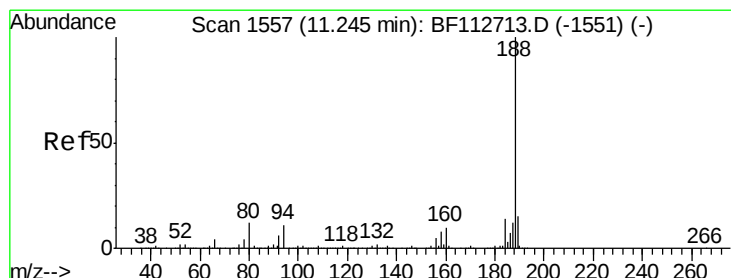
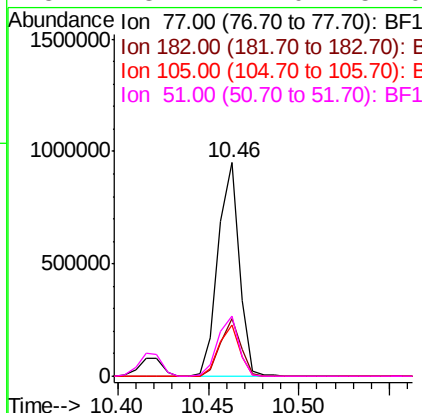
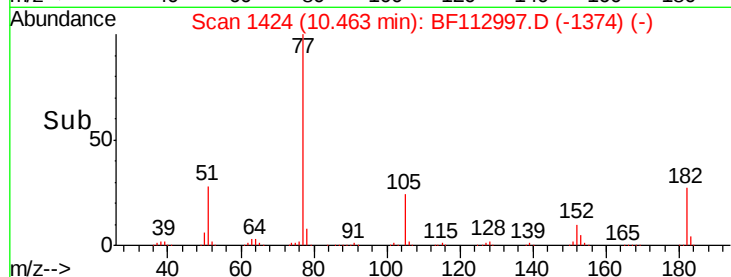
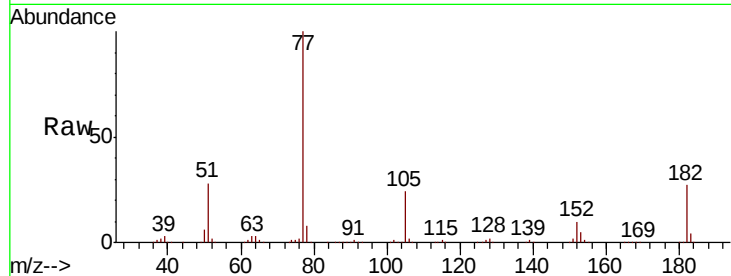
#63
Azobenzene
Concen: 36.333 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
77	100	773121		
182	26.7	1.4	41.4	
105	23.8	2.6	42.6	
51	28.4	12.0	52.0	

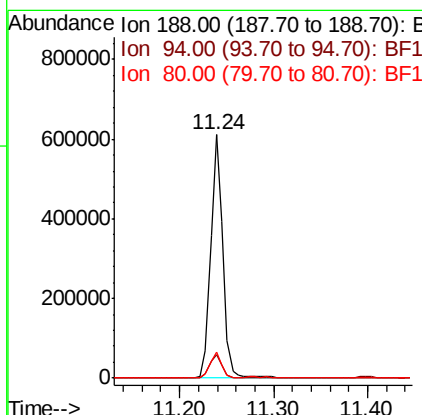
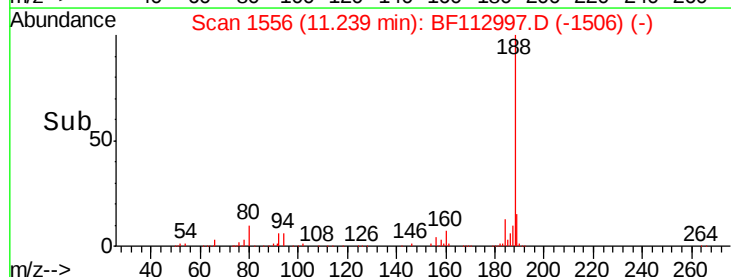
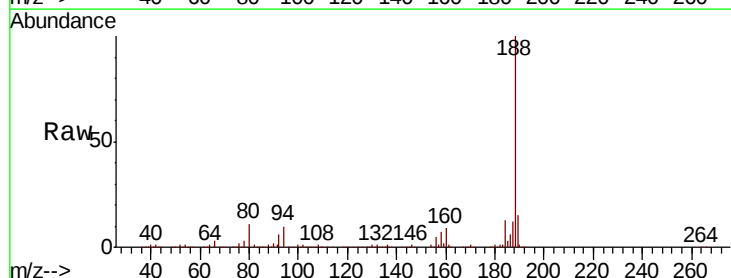
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	557060		
94	9.8	9.0	13.4	
80	10.6	9.2	13.8	





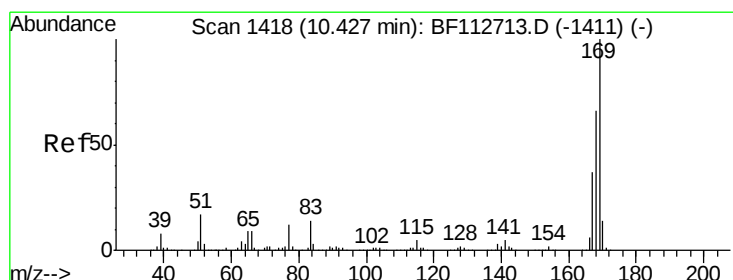
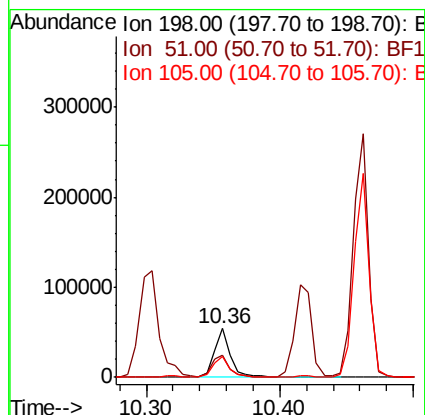
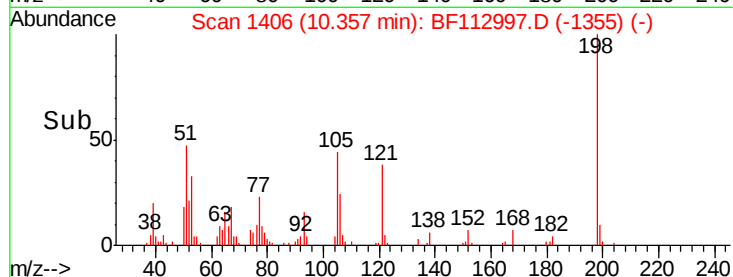
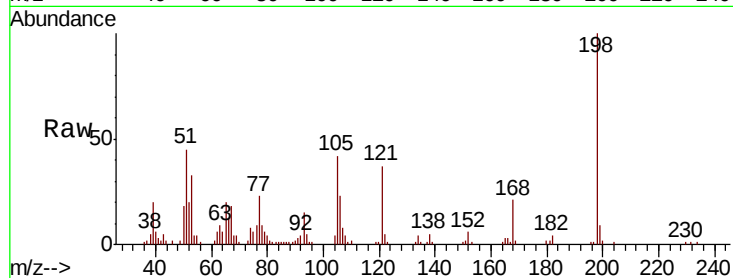
#65
4,6-Dinitro-2-methylphenol
Concen: 22.803 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.5	43.8	83.8
105	42.3	36.5	76.5

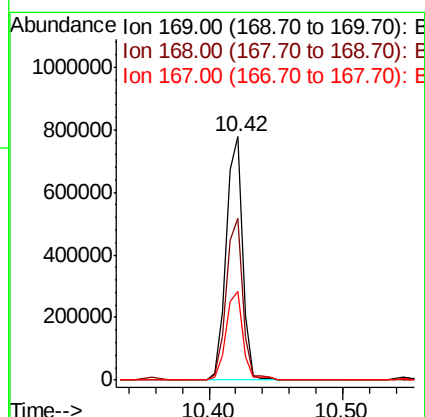
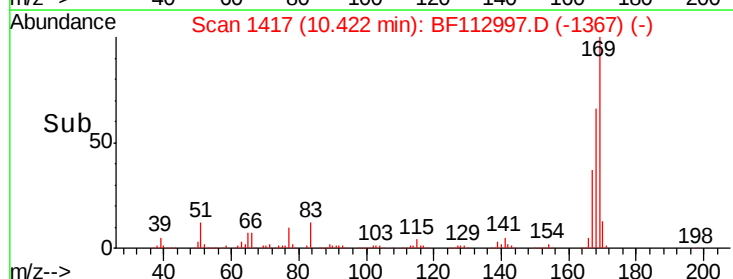
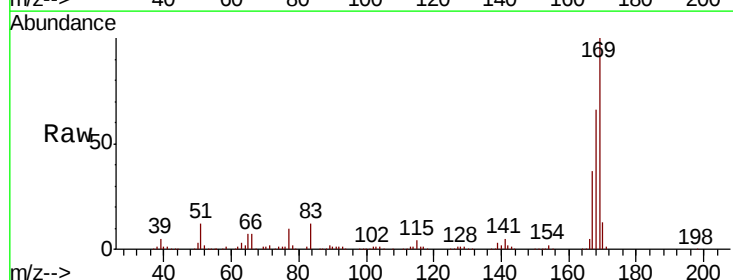
Manual Integrations
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#66
n-Nitrosodiphenylamine
Concen: 38.156 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.6
167	36.6	29.3	43.9





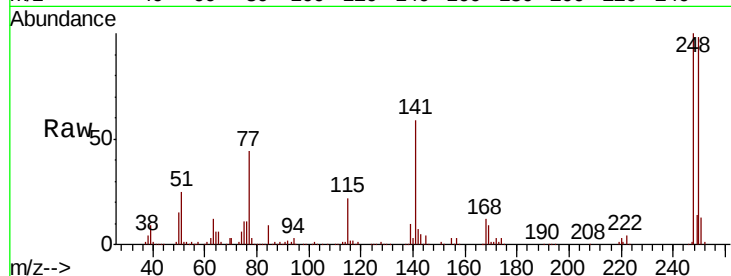
#67
4-Bromophenyl-phenylether
Concen: 41.244 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.5	116.3
141	59.0	62.4	93.6

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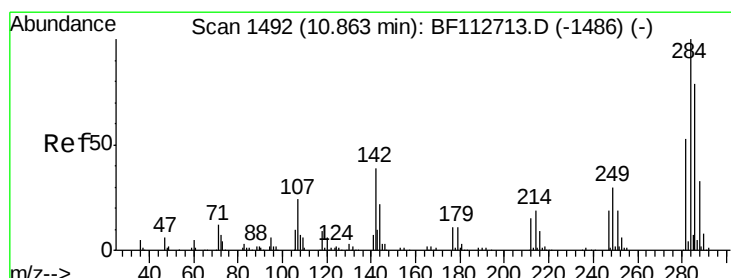
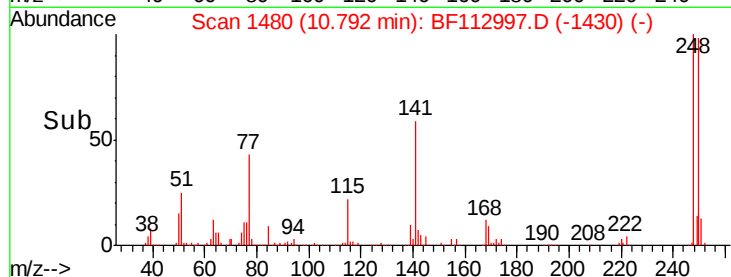
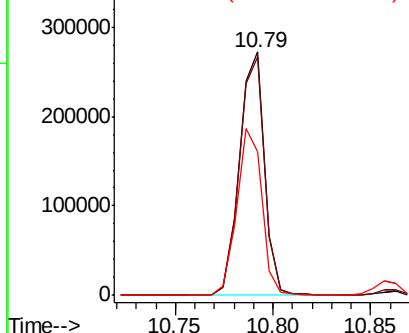


Abundance

Ion 248.00 (247.70 to 248.70): E

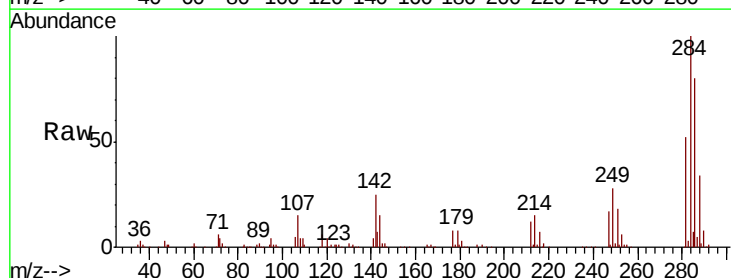
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.312 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	31.0	46.6
249	27.9	23.6	35.4

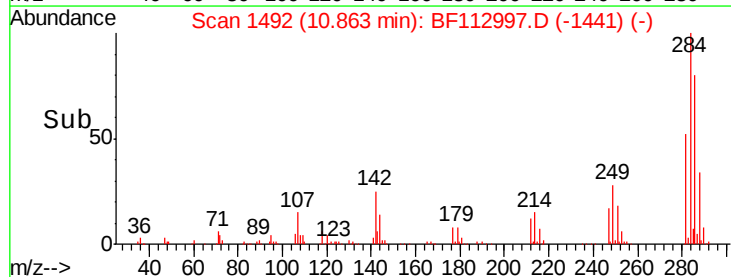
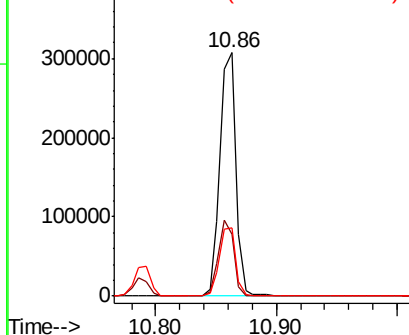


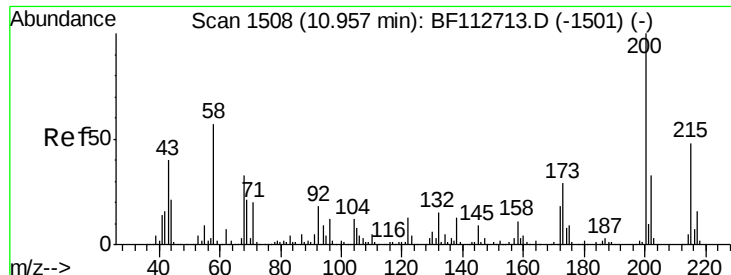
Abundance

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





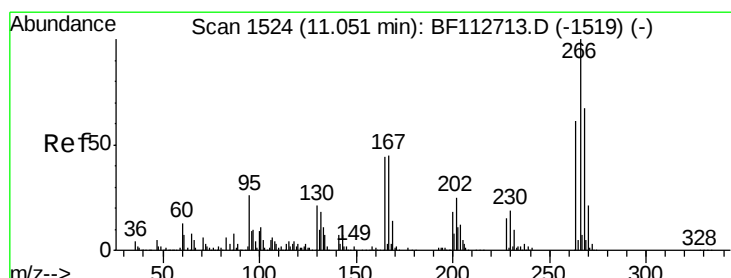
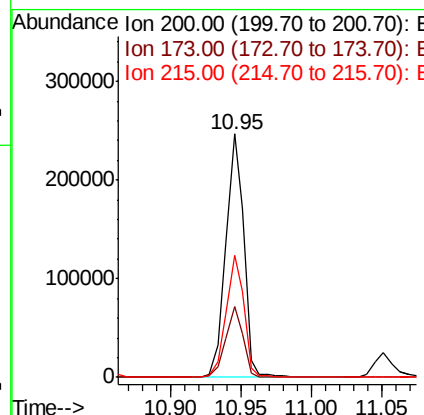
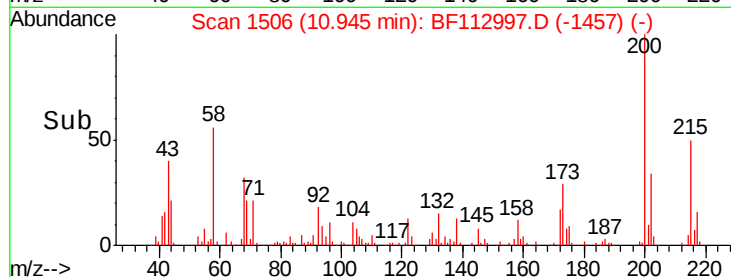
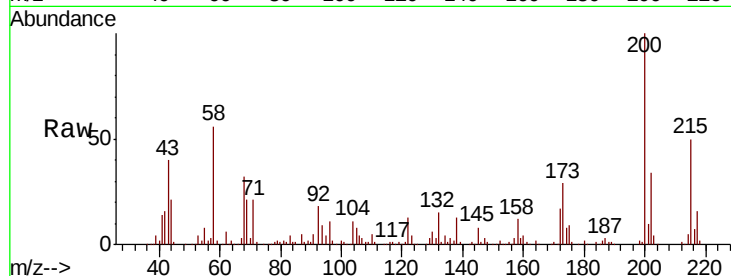
#69
Atrazine
Concen: 40.024 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	9.1	49.1
215	50.0	28.2	68.2

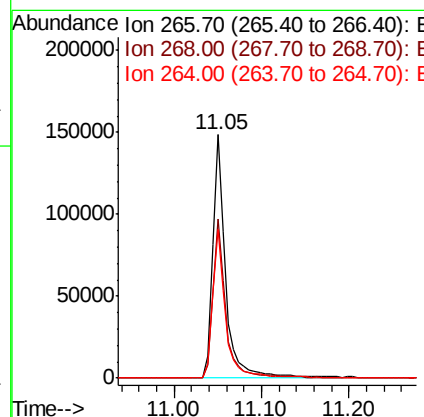
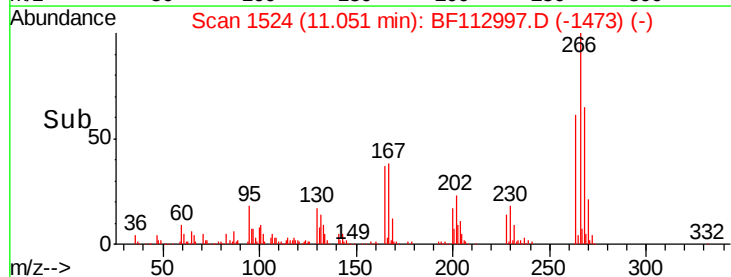
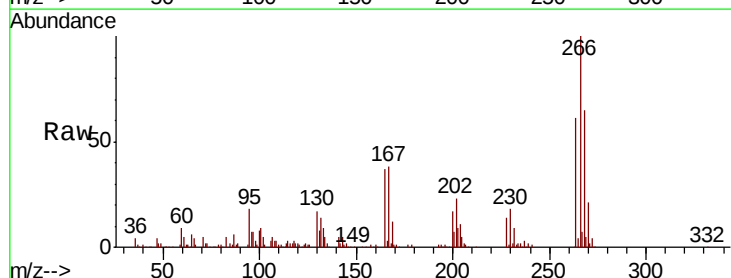
Manual Integrations
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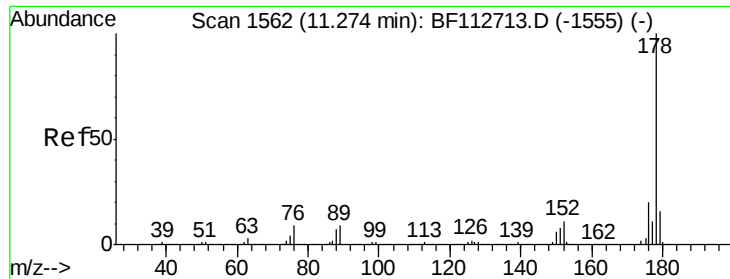
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#70
Pentachlorophenol
Concen: 39.292 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.2	53.3	79.9
264	61.2	48.9	73.3





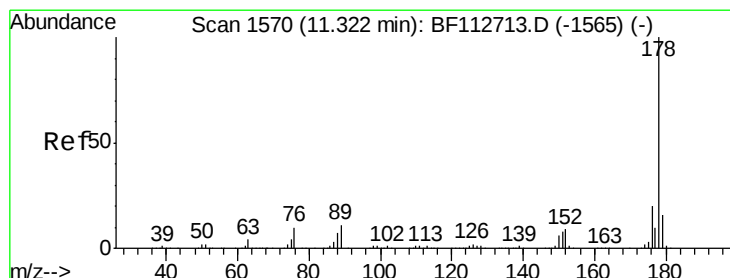
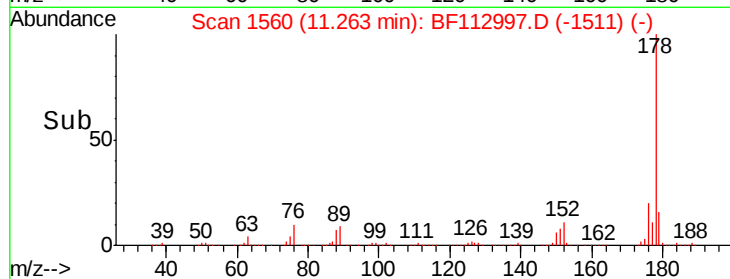
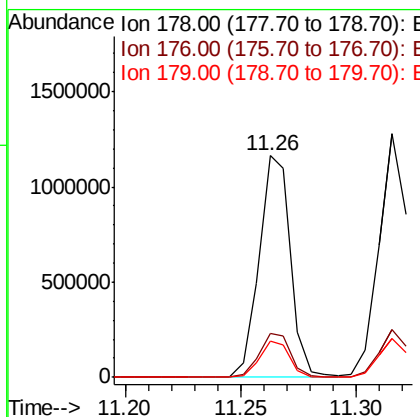
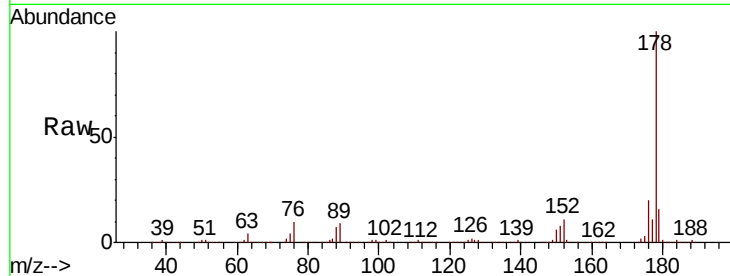
#71
Phenanthrene
Concen: 39.827 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1103839
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.3 12.7 19.1

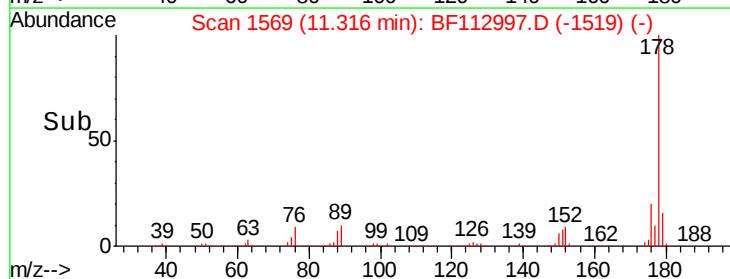
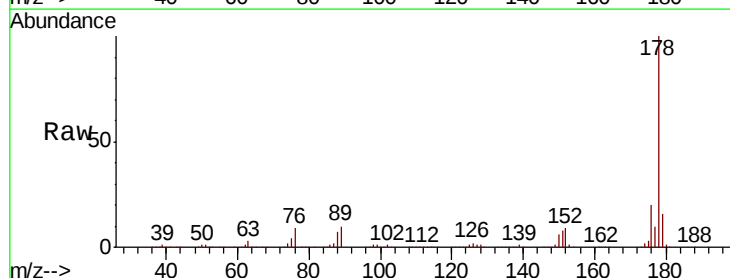
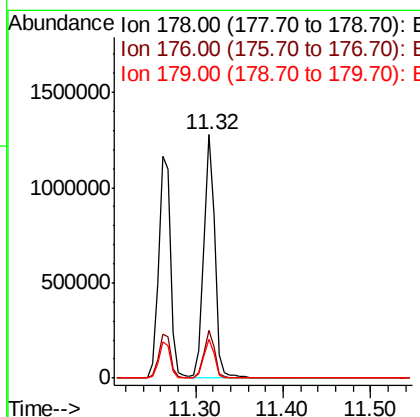
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#72
Anthracene
Concen: 39.221 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:178 Resp: 1137894
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 13.0 19.6





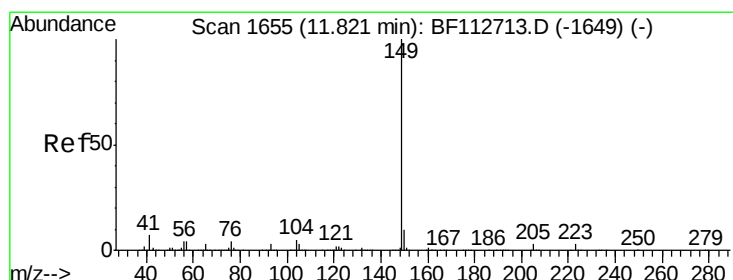
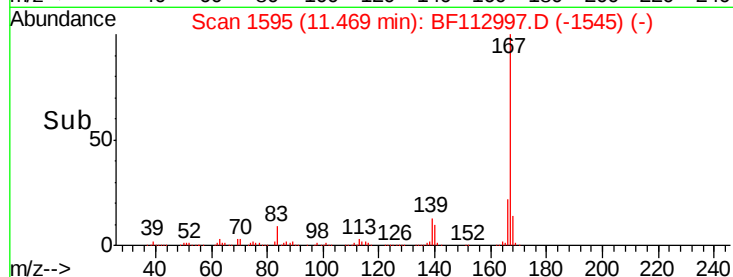
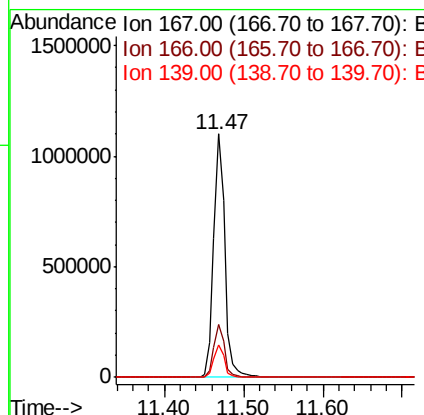
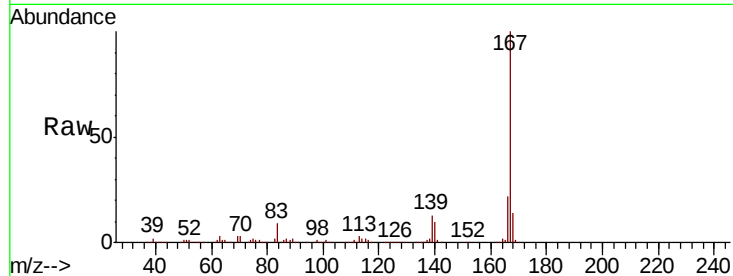
#73
 Carbazole
 Concen: 38.044 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.5	26.3	
139	13.1	10.8	16.2	

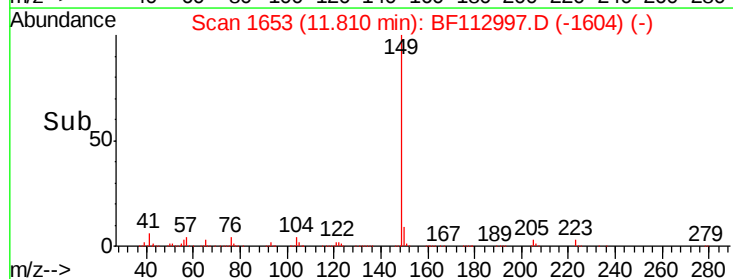
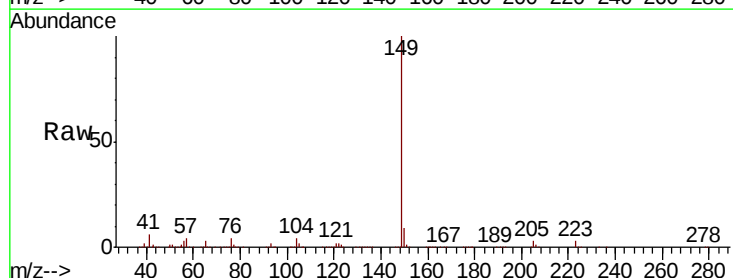
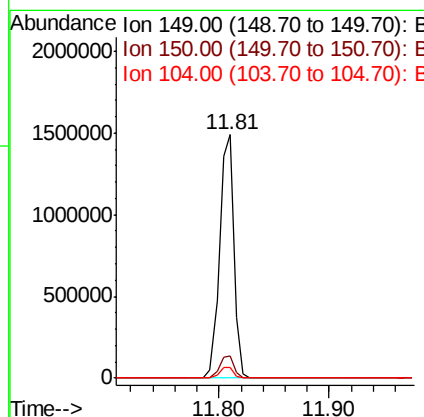
Manual Integrations
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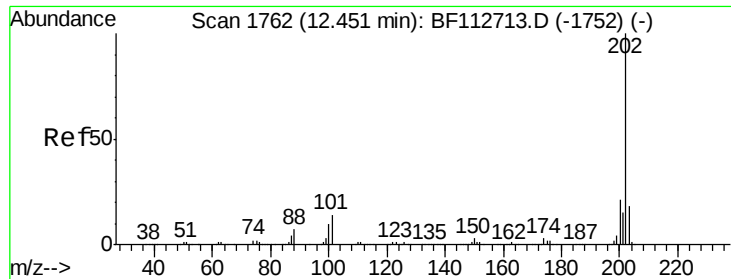
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 3/12/2019 4:29:20 PM



#74
 Di-n-butylphthalate
 Concen: 39.421 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.1	7.6	11.4	
104	4.3	3.7	5.5	





#75

Fluoranthene

Concen: 37.703 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1119579

Ion Ratio Lower Upper

202 100

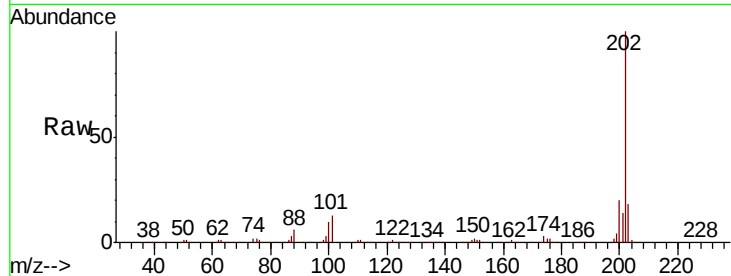
101 12.6 0.0 33.8

203 18.1 0.0 38.4

Manual Integrations
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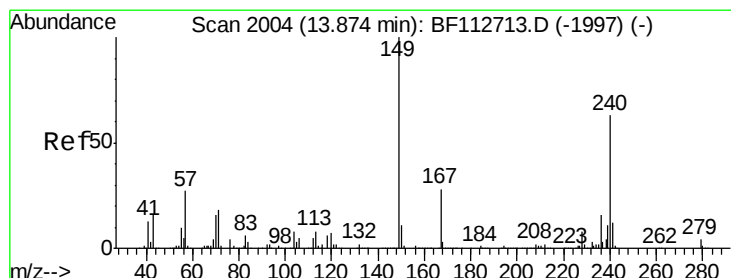
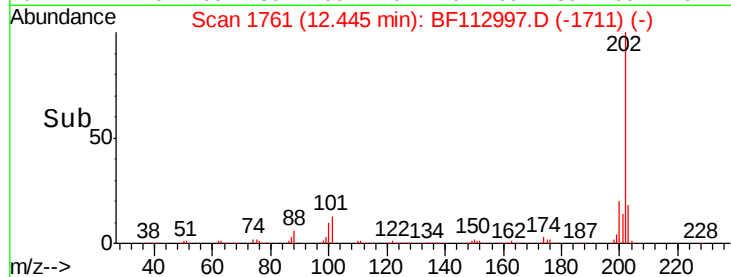
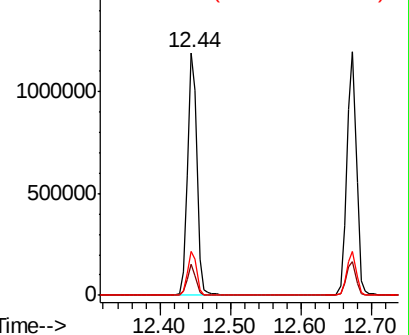
3/12/2019 4:29:20 PM



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: BF112997.D

Acq: 12 Mar 2019 11:20

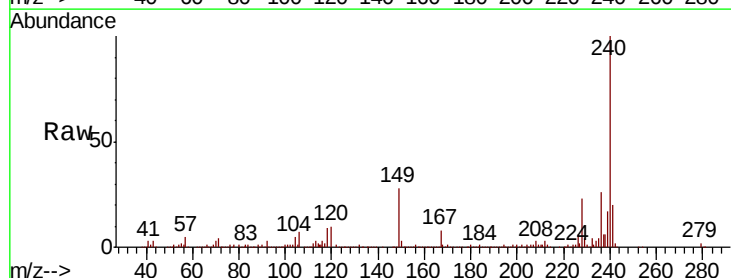
Tgt Ion:240 Resp: 398574

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

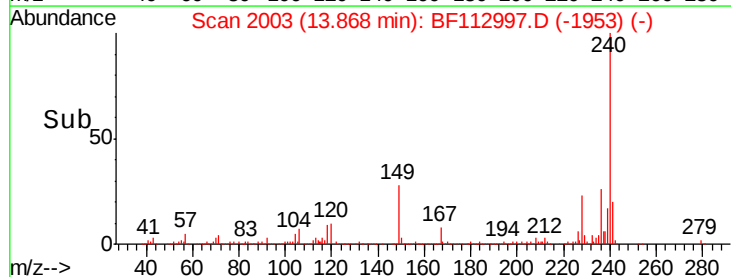
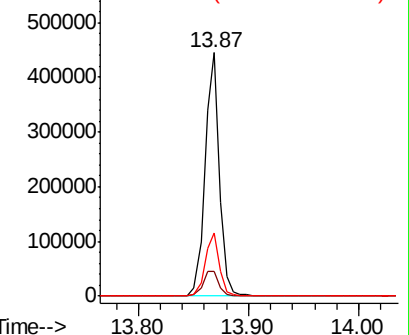
236 26.1 20.7 31.1

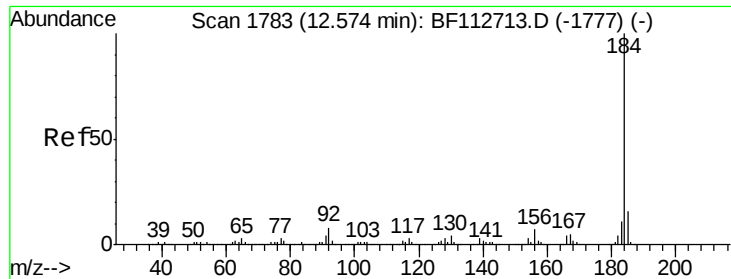


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.264 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

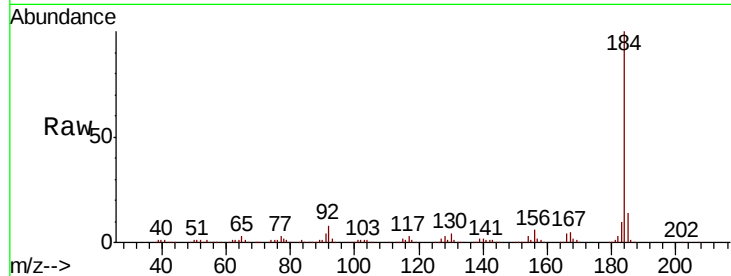
ClientSampleId :

SSTDCCC040EC

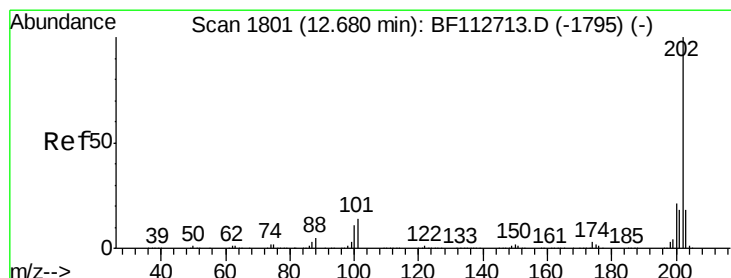
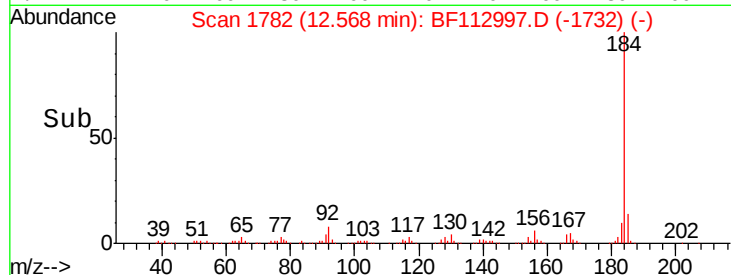
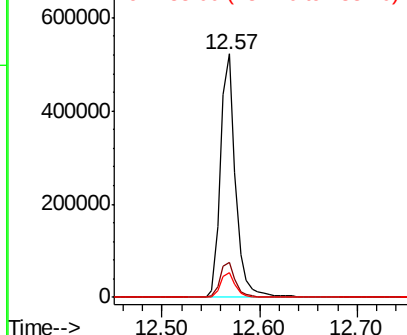
Tot Ion:	184	Resp:	563781
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	10.3	8.6	12.8

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



#78

Pyrene

Concen: 33.575 ng

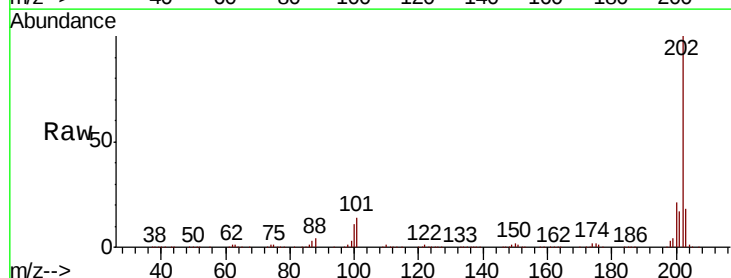
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

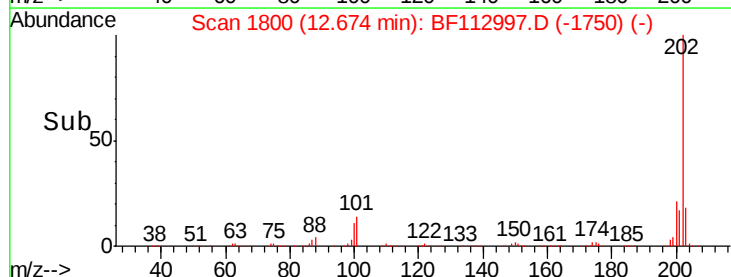
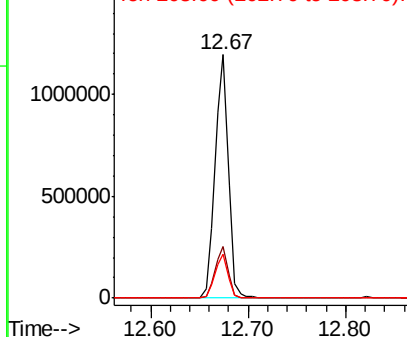
Lab File: BF112997.D

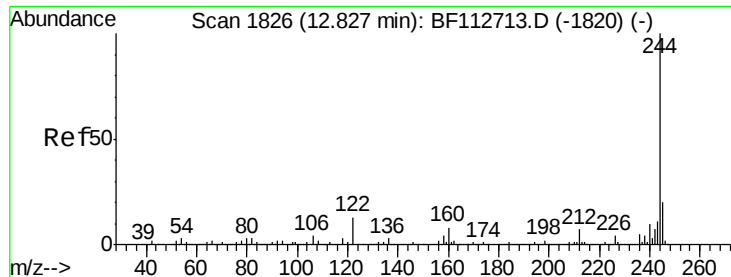
Acq: 12 Mar 2019 11:20

Tgt Ion:	202	Resp:	1128136
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	18.0	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





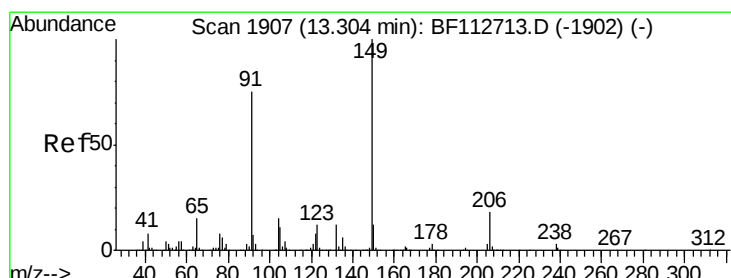
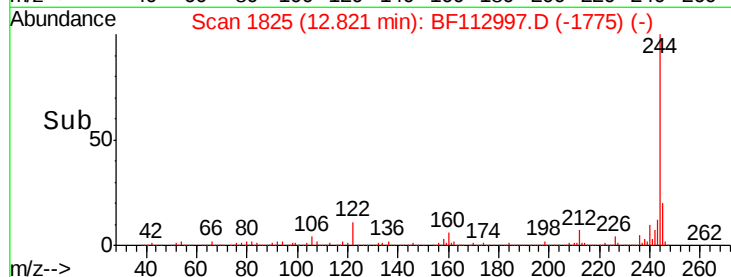
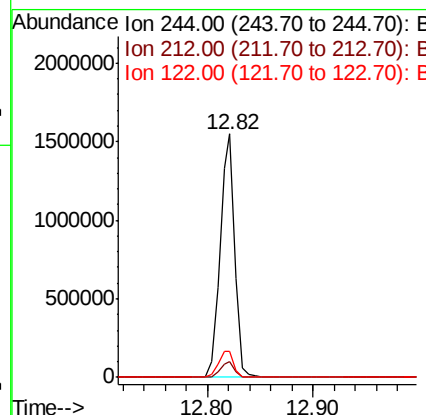
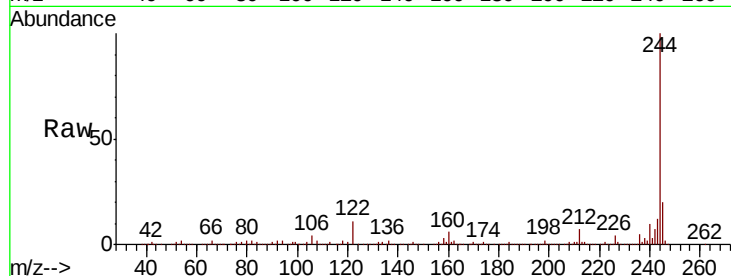
#79
 Terphenyl-d14
 Concen: 73.926 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.7	10.5	15.7

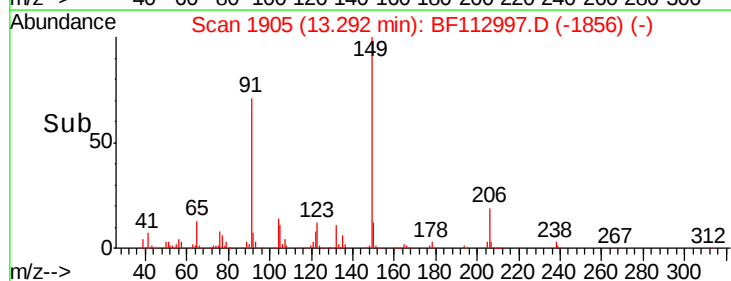
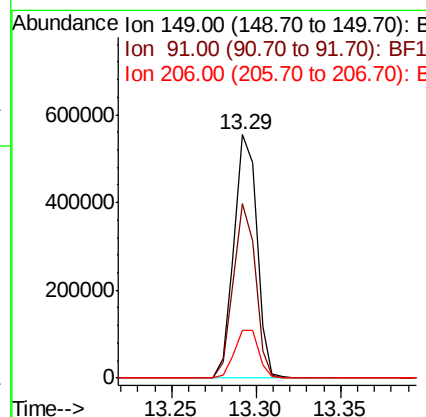
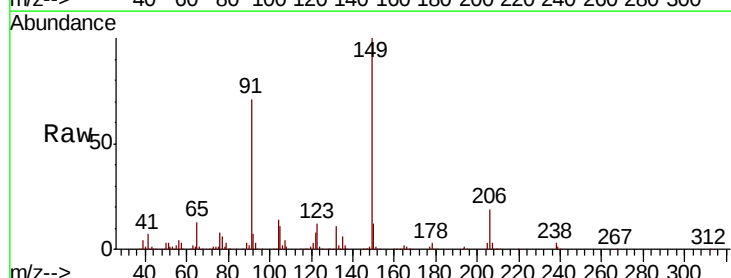
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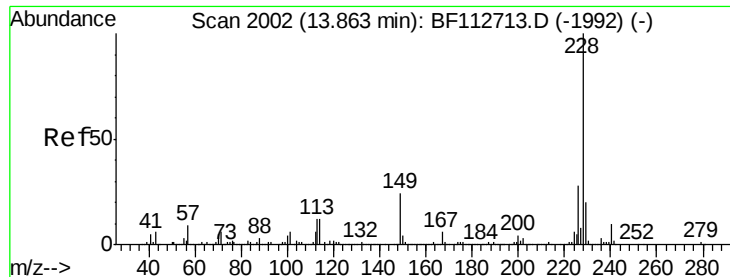
Sohil
 3/12/2019 4:29:20 PM



#80
 Butylbenzylphthalate
 Concen: 35.371 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	59.9	89.9
206	19.5	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.452 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

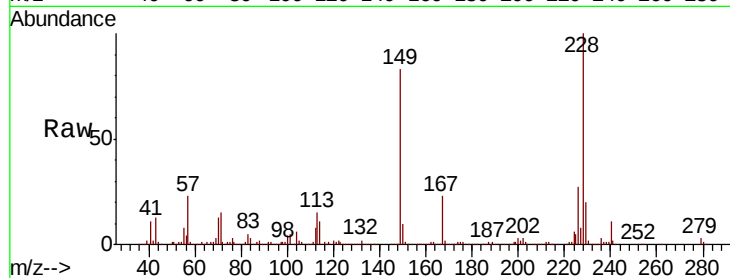
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	924079
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.4
229	20.4	16.0	24.0

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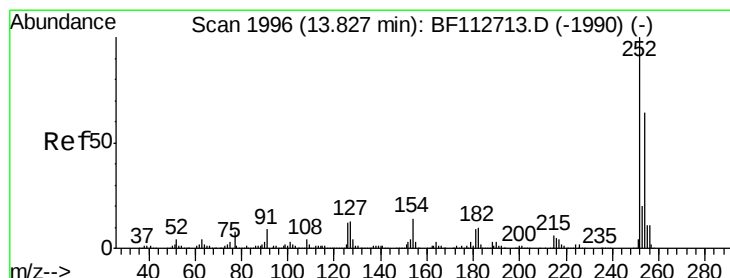
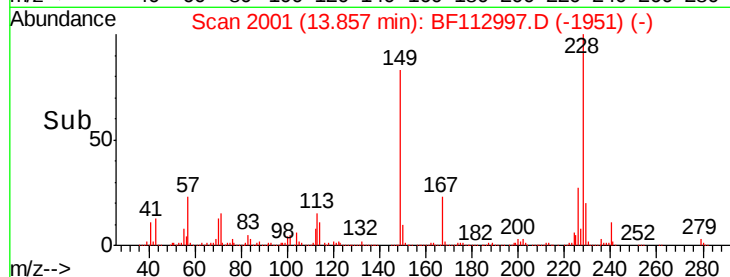
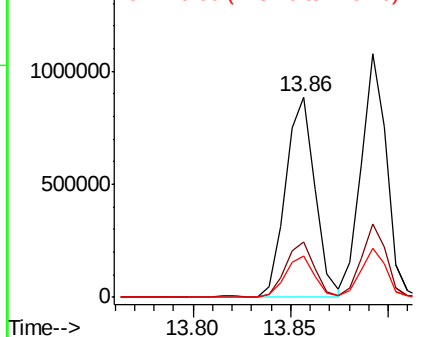


Abundance

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: 38.183 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

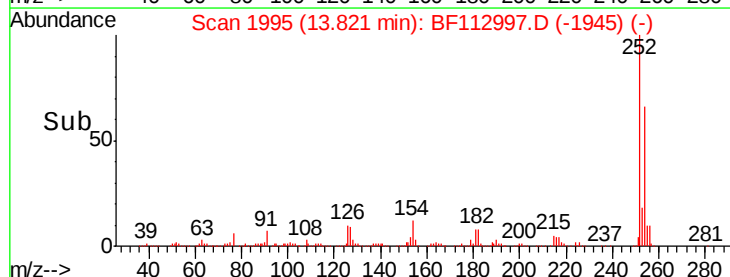
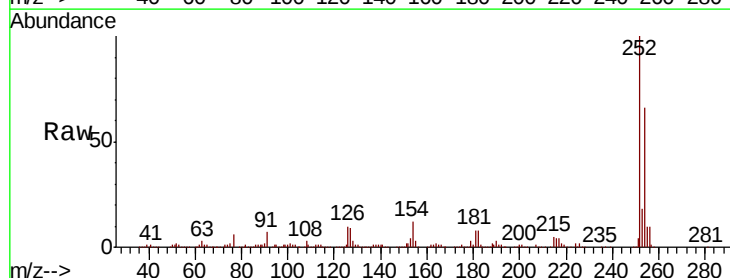
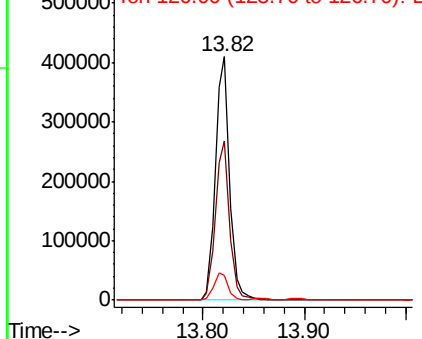
Tgt Ion:	252	Resp:	398915
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.1	76.7
126	9.9	9.9	14.9

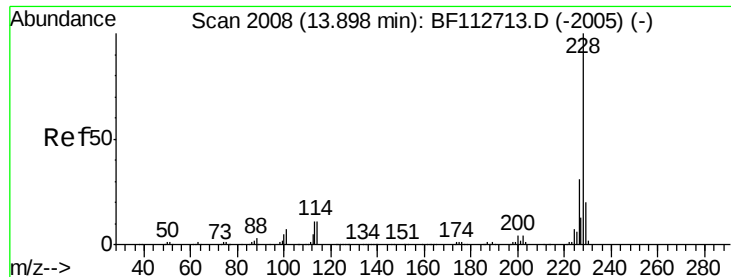
Abundance

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





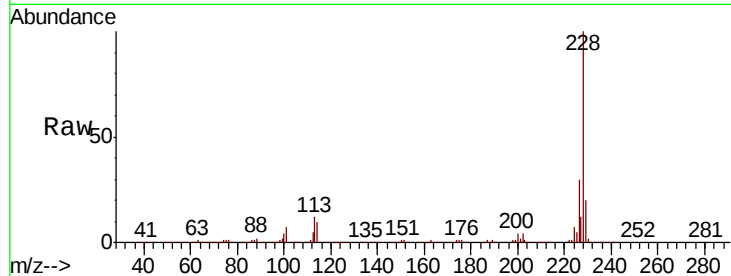
#83
 Chrvsene
 Concen: 36.062 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

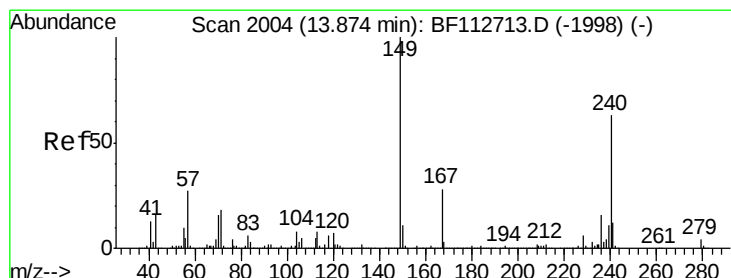
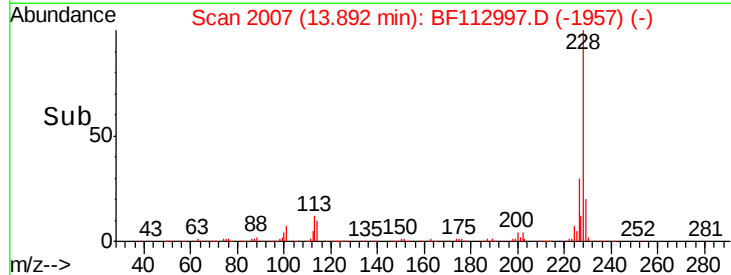
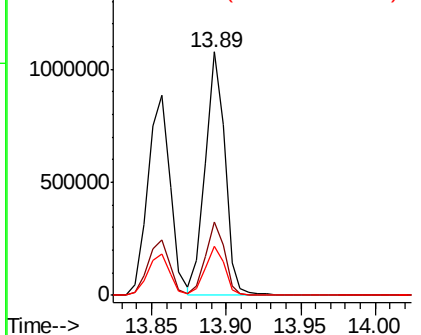
Tot Ion:228	Resp:	975774
Ion Ratio	Lower	Upper
228 100		
226 30.2	24.9	37.3
229 20.1	16.3	24.5

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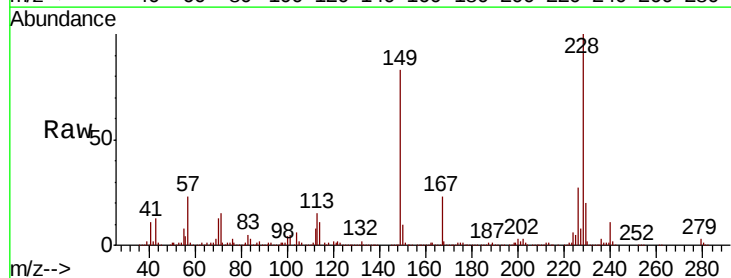


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

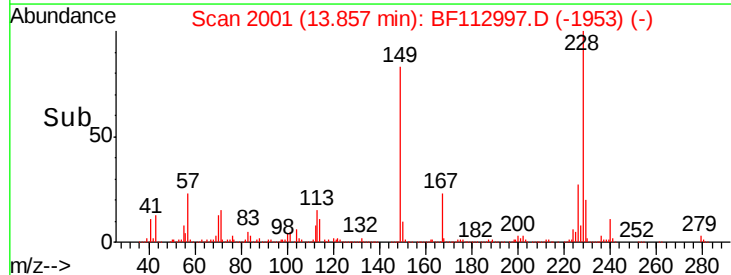
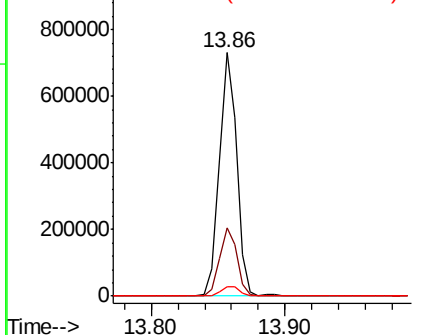


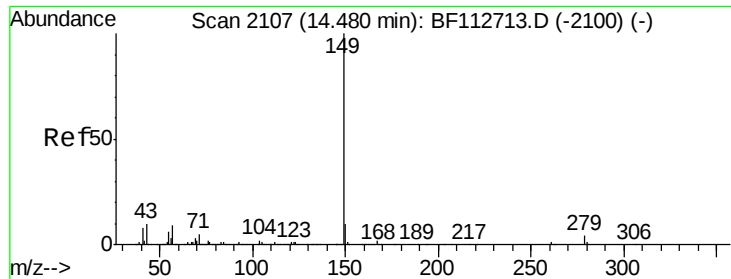
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.735 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:149	Resp:	673863
Ion Ratio	Lower	Upper
149 100		
167 27.9	22.4	33.6
279 3.9	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





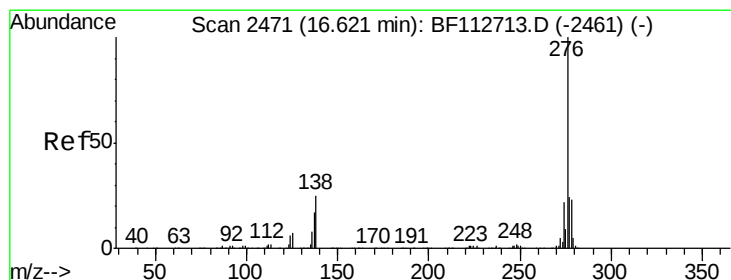
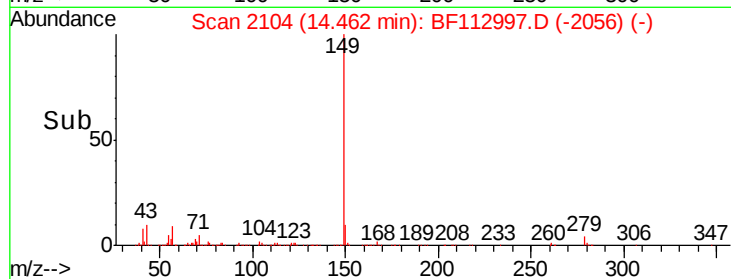
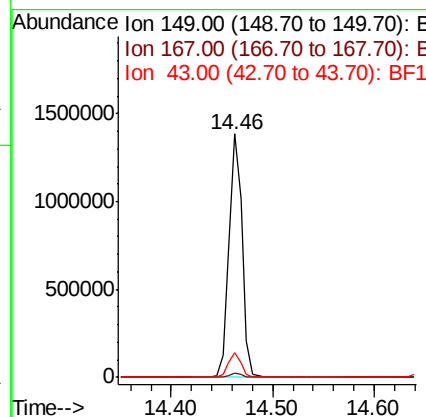
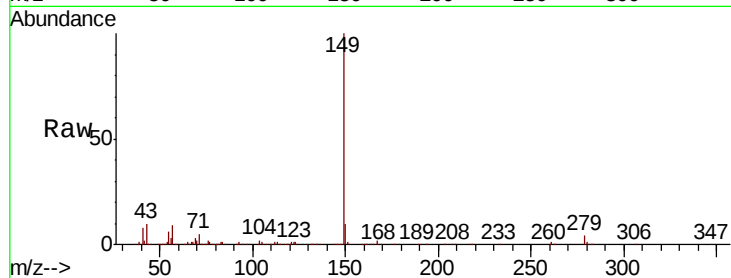
#85
Di-n-octyl phthalate
Concen: 41.347 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	9.0	13.4

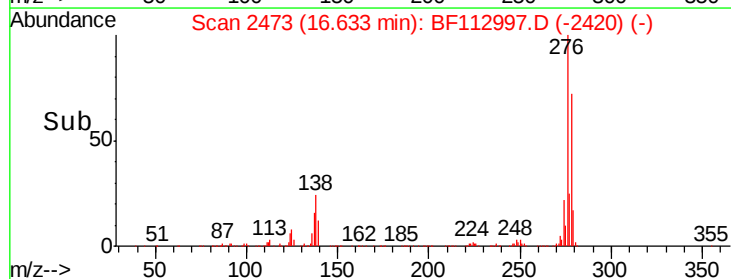
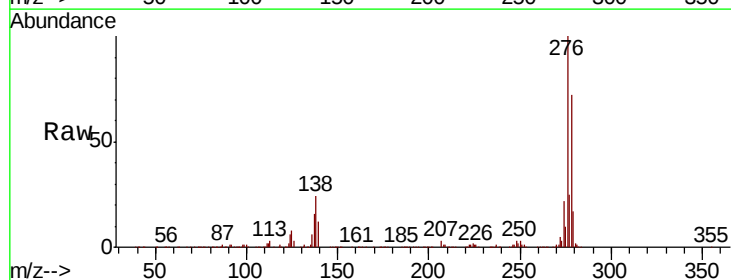
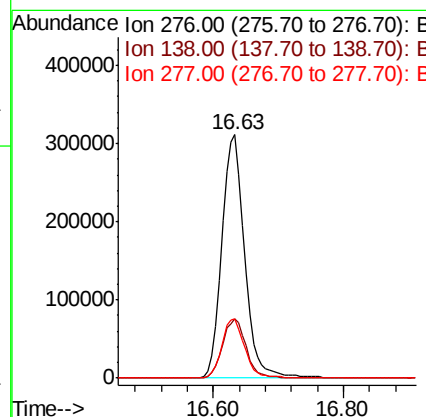
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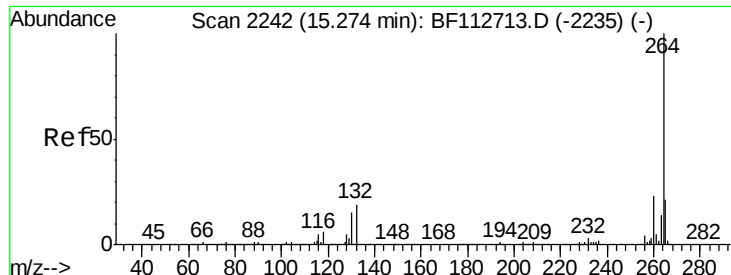
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.732 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.2	34.8
277	24.7	19.9	29.9





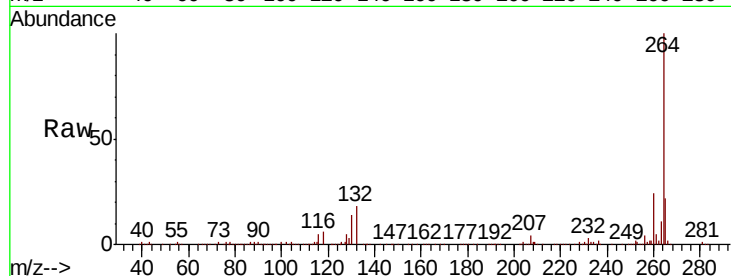
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.4	17.2	25.8

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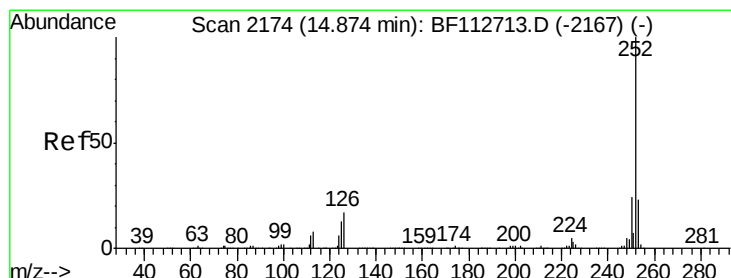
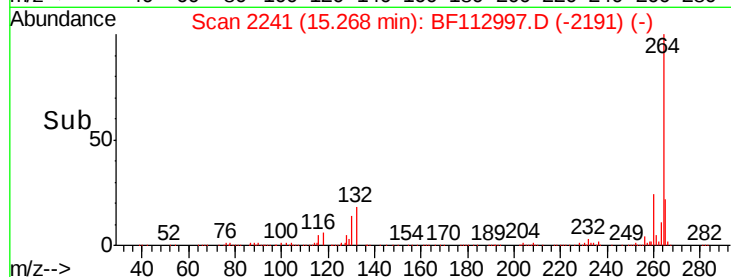
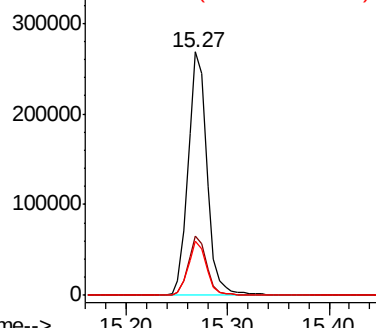


Abundance

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: 39.136 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

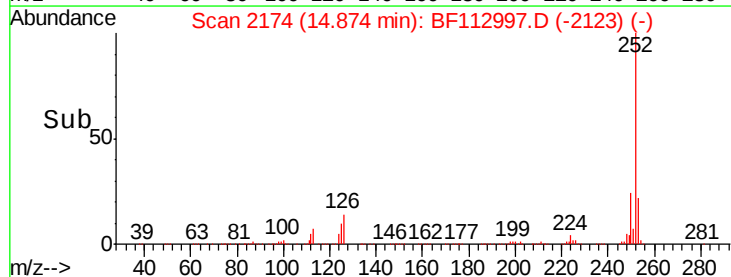
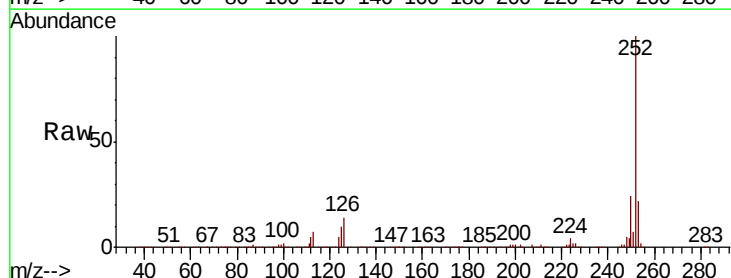
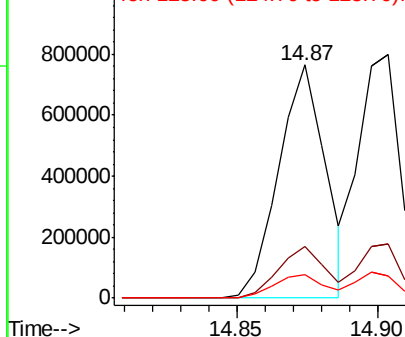
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	10.2	15.2

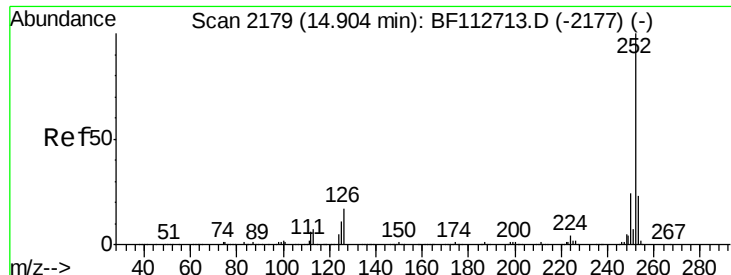
Abundance

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





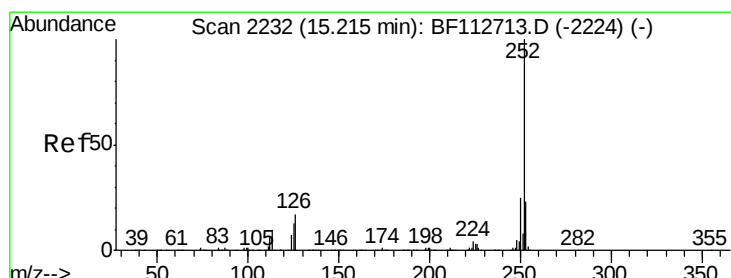
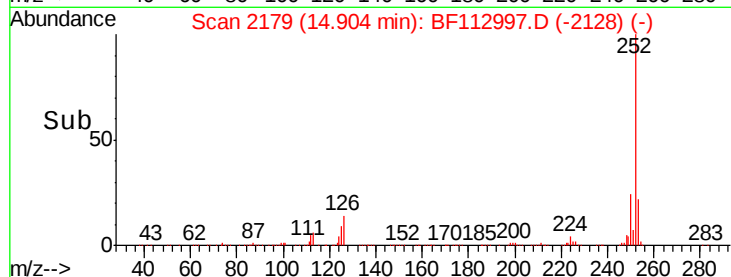
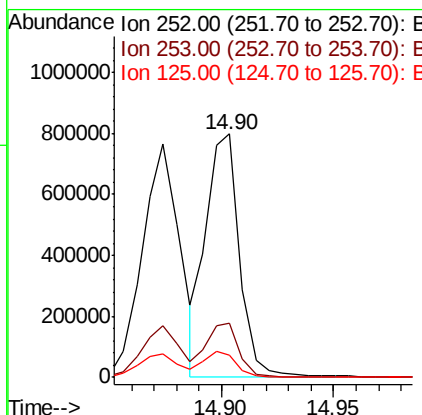
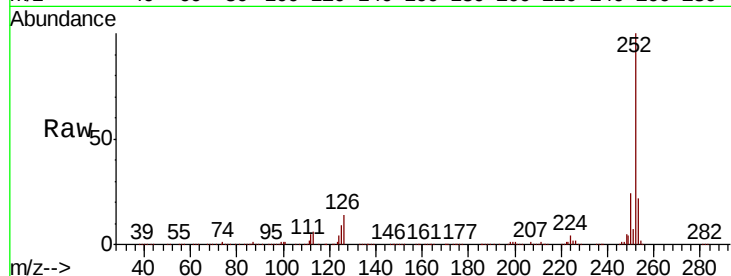
#89
Benzo(k)fluoranthene
Concen: 40.792 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.2	9.8	14.6

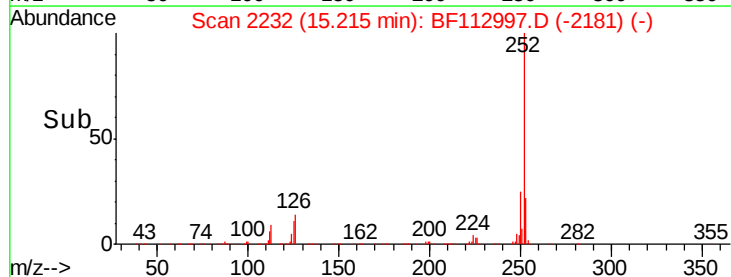
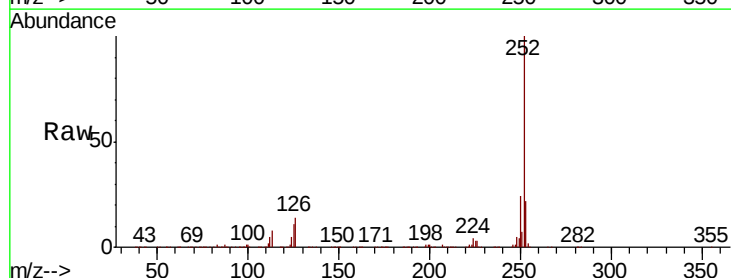
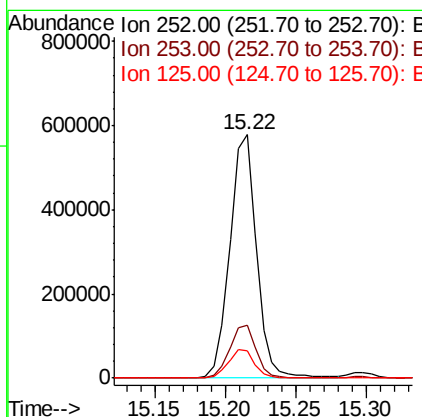
Manual Integrations
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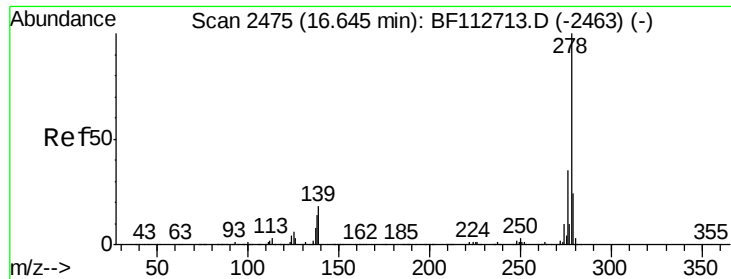
Sohil
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#90
Benzo(a)pyrene
Concen: 38.314 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	11.2	10.7	16.1





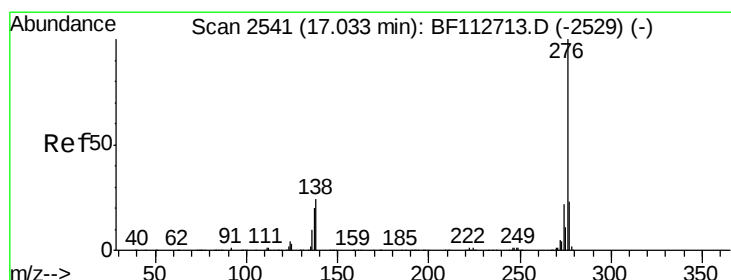
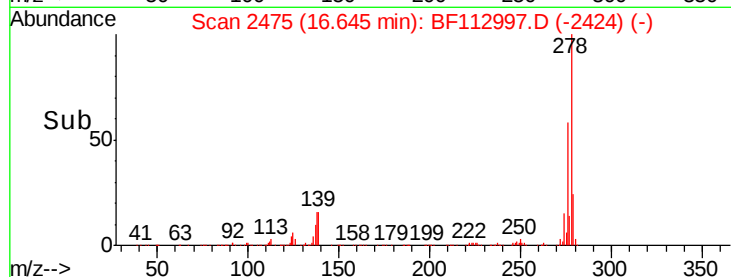
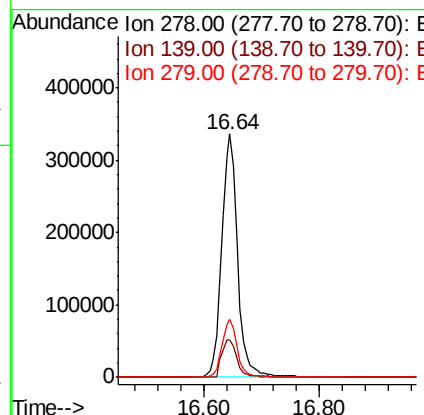
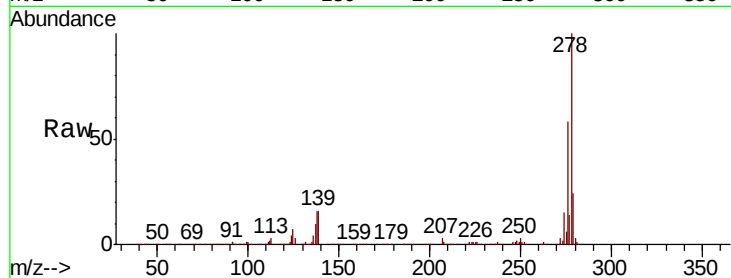
#91
Dibenzo(a,h)anthracene
Concen: 37.512 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.3	21.5
279	23.6	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/12/2019 4:29:20 PM



#92
Benzo(g,h,i)perylene
Concen: 35.067 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	21.0	19.4	29.0

