

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114474.D
 Acq On : 22 May 2019 00:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:53 AM

Quant Time: May 22 07:58:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167019	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	680823	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	318051	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	556267	20.00	ng	0.00
76) Chrysene-d12	14.00	240	348711	20.00	ng	0.00
87) Perylene-d12	15.47	264	314080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	816001	78.62	ng	-0.01
7) Phenol-d6	6.48	99	1006536	82.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	965859	79.62	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	229145	69.69	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1707391	81.20	ng	0.00
79) Terphenyl-d14	12.93	244	1384471	81.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	187998	32.955	ng	99
3) Pyridine	3.30	79	533859	33.966	ng	98
4) n-Nitrosodimethylamine	3.25	42	253507	33.447	ng	100
6) Aniline	6.49	93	701370	39.555	ng	# 51
8) 2-Chlorophenol	6.62	128	466243	42.081	ng	96
9) Benzaldehyde	6.38	77	312120	36.321	ng	96
10) Phenol	6.49	94	583170	40.385	ng	# 70
11) bis(2-Chloroethyl)ether	6.56	93	460024	41.963	ng	99
12) 1,3-Dichlorobenzene	6.77	146	516762	41.550	ng	99
13) 1,4-Dichlorobenzene	6.85	146	523037	41.734	ng	99
14) 1,2-Dichlorobenzene	7.00	146	481172	42.024	ng	99
15) Benzyl Alcohol	6.97	79	381047	39.801	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	852822	40.121	ng	72
17) 2-Methylphenol	7.09	107	365481	40.156	ng	96
18) Hexachloroethane	7.34	117	162445	34.531	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	322261	41.419	ng	100
20) 3+4-Methylphenols	7.25	107	476439	45.307	ng	# 64
22) Acetophenone	7.24	105	623161	41.317	ng	# 91
24) Nitrobenzene	7.42	77	497106	40.232	ng	96
25) Isophorone	7.65	82	898530	39.936	ng	98
26) 2-Nitrophenol	7.73	139	230887	38.515	ng	97
27) 2,4-Dimethylphenol	7.77	122	367846	39.069	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	598691	41.011	ng	98
29) 2,4-Dichlorophenol	7.98	162	386742	41.251	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	433168	40.631	ng	98
31) Naphthalene	8.14	128	1327832	41.753	ng	98
32) Benzoic acid	7.90	122	191899m	31.424	ng	
33) 4-Chloroaniline	8.19	127	610872	42.152	ng	98
34) Hexachlorobutadiene	8.25	225	249601	41.148	ng	98
35) Caprolactam	8.56	113	135218	44.232	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	406096	43.032	ng	100
37) 2-Methylnaphthalene	8.83	142	884737	43.119	ng	97
38) 1-Methylnaphthalene	8.93	142	822649	42.574	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	407744	42.321	ng	98

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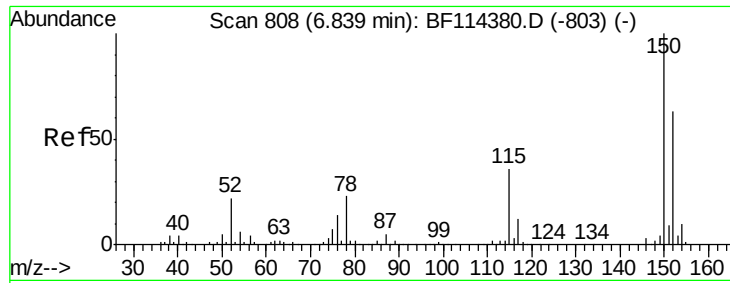
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Quant Time: May 22 07:58:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	1053	4.546	ng	# 73
43) 2,4,6-Trichlorophenol	9.12	196	270902	40.879	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	274639	40.411	ng	97
46) 1,1'-Biphenyl	9.29	154	1083406	42.165	ng	99
47) 2-Chloronaphthalene	9.32	162	856799	41.434	ng	99
48) 2-Nitroaniline	9.42	65	306913	41.850	ng	97
49) Acenaphthylene	9.73	152	1290802	41.042	ng	98
50) Dimethylphthalate	9.59	163	996982	42.701	ng	99
51) 2,6-Dinitrotoluene	9.66	165	212655	41.065	ng	97
52) Acenaphthene	9.90	154	767410	39.763	ng	99
53) 3-Nitroaniline	9.83	138	271429	42.224	ng	95
54) 2,4-Dinitrophenol	9.96	184	11079	10.641	ng	90
55) Dibenzofuran	10.07	168	1116898	39.467	ng	98
56) 4-Nitrophenol	10.01	139	122781	27.008	ng	95
57) 2,4-Dinitrotoluene	10.07	165	258161	36.729	ng	# 88
58) Fluorene	10.42	166	898941	41.124	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	205423	35.031	ng	99
60) Diethylphthalate	10.29	149	1007604	42.474	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	450669	41.977	ng	96
62) 4-Nitroaniline	10.45	138	276529	40.937	ng	96
63) Azobenzene	10.57	77	898820	39.143	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	21668	8.106	ng	90
66) n-Nitrosodiphenylamine	10.53	169	794318	47.049	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	275922	45.050	ng	95
68) Hexachlorobenzene	10.97	284	278702	41.133	ng	95
69) Atrazine	11.05	200	229620	43.705	ng	99
70) Pentachlorophenol	11.17	266	130866	40.744	ng	96
71) Phenanthrene	11.38	178	1138959	42.085	ng	98
72) Anthracene	11.43	178	1147584	42.218	ng	99
73) Carbazole	11.59	167	1061675	40.958	ng	98
74) Di-n-butylphthalate	11.91	149	1481137	49.597	ng	99
75) Fluoranthene	12.57	202	1052363	36.110	ng	98
77) Benzidine	12.69	184	576970	36.860	ng	97
78) Pyrene	12.80	202	1056740	37.671	ng	99
80) Butylbenzylphthalate	13.40	149	498868	42.251	ng	98
81) Benzo(a)anthracene	13.99	228	964165	42.748	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	381576	43.611	ng	99
83) Chrysene	14.03	228	920394	41.628	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	700567	45.366	ng	100
85) Di-n-octyl phthalate	14.57	149	1185688	47.364	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	629909	32.237	ng	100
88) Benzo(b)fluoranthene	15.04	252	852933	42.389	ng	99
89) Benzo(k)fluoranthene	15.07	252	888423	48.065	ng	98
90) Benzo(a)pyrene	15.41	252	735431	41.529	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	527696	35.861	ng	98
92) Benzo(g,h,i)perylene	17.39	276	496502	33.668	ng	98

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



#1

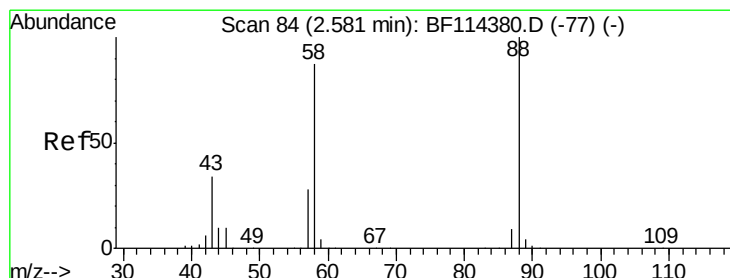
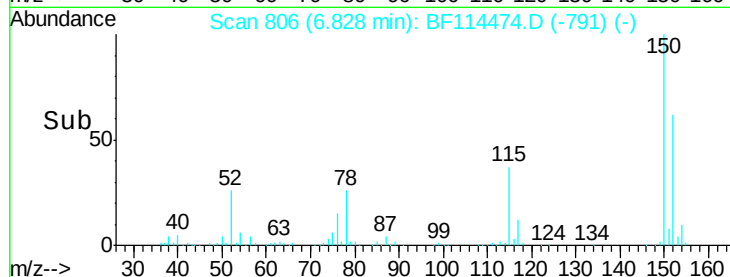
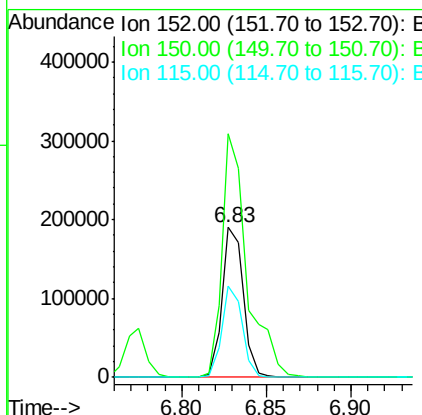
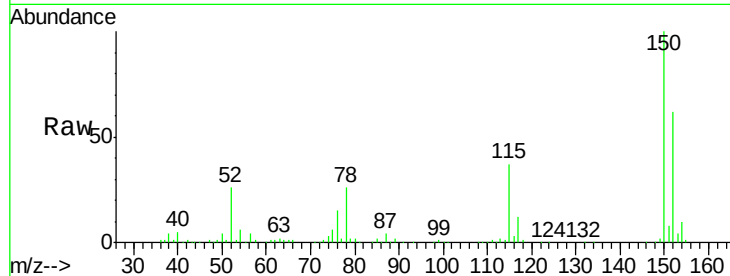
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.3	186.5
115	60.8	49.1	73.7

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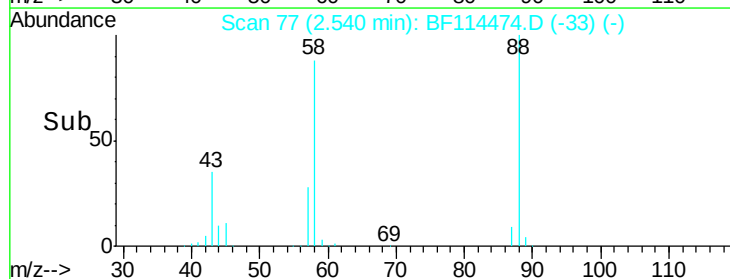
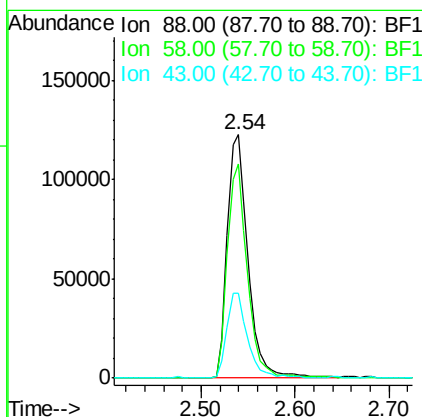
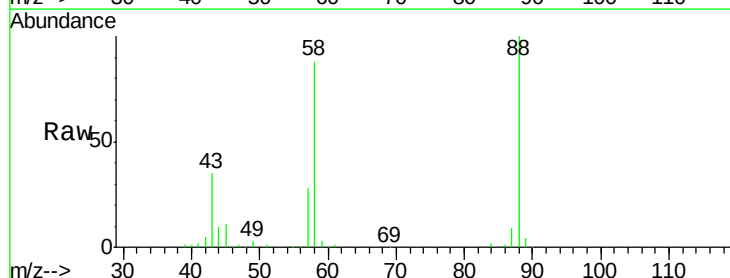
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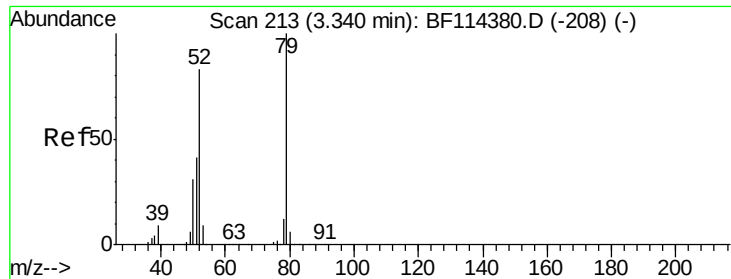


#2

1,4-Dioxane
Concen: 32.955 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.04 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	68.7	103.1
43	34.2	28.2	42.2





#3

Pyridine

Concen: 33.966 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

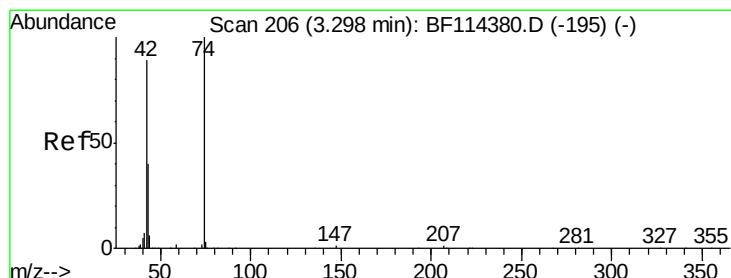
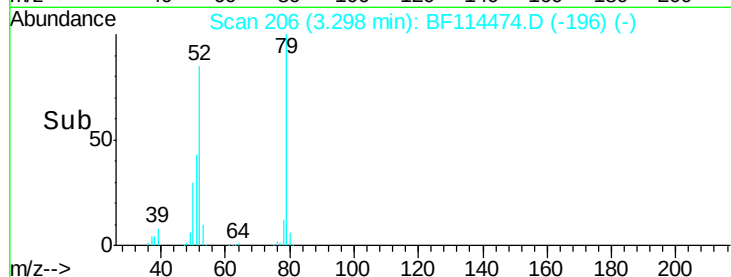
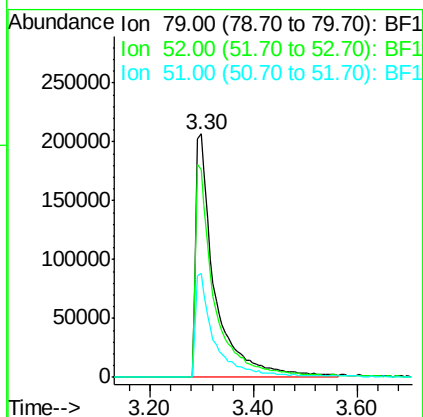
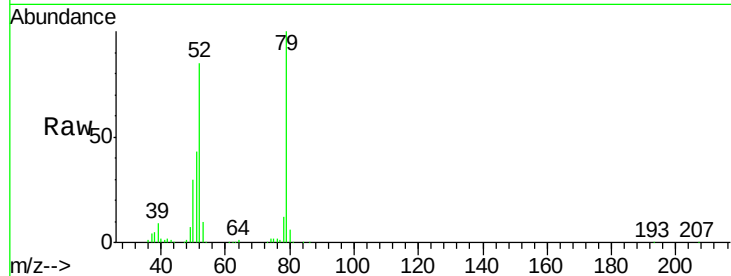
ClientSampled :

SSTDCCC040

Tgt Ion:	79	Resp:	533859
Ion Ratio	Lower	Upper	
79	100		
52	85.1	70.6	105.8
51	42.9	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.447 ng

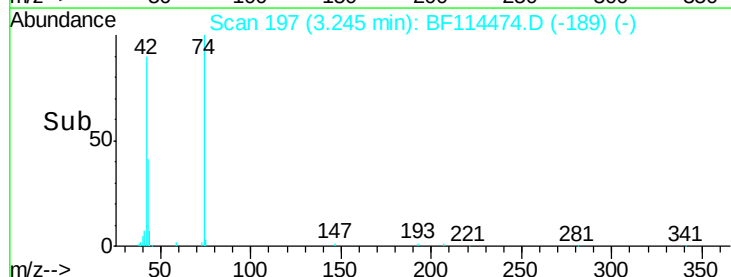
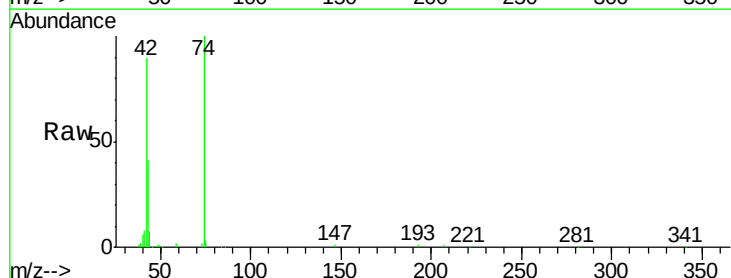
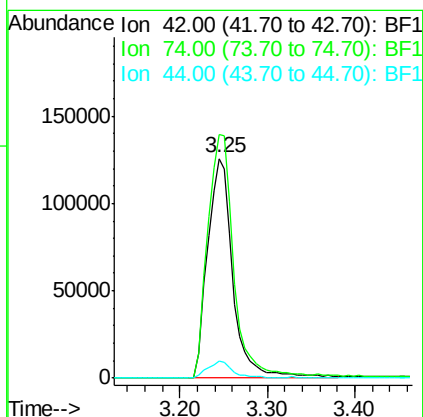
RT: 3.25 min Scan# 197

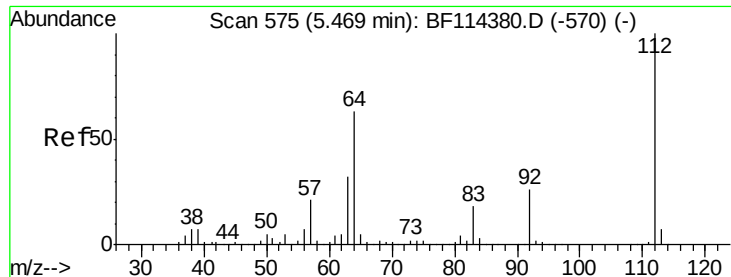
Delta R.T. -0.05 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	42	Resp:	253507
Ion Ratio	Lower	Upper	
42	100		
74	110.9	88.6	132.8
44	7.6	5.5	8.3





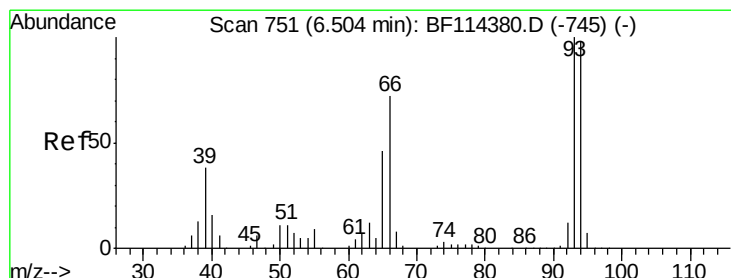
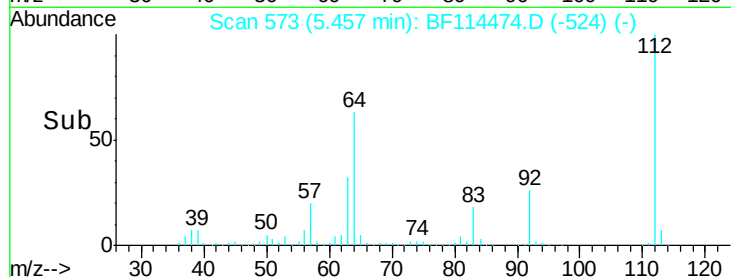
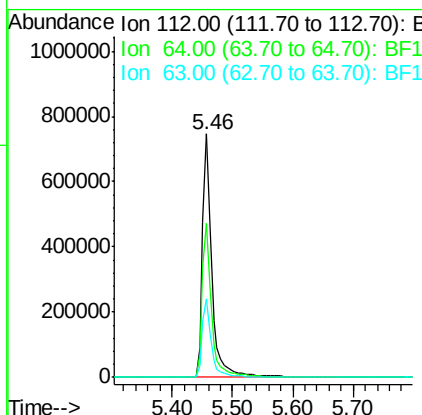
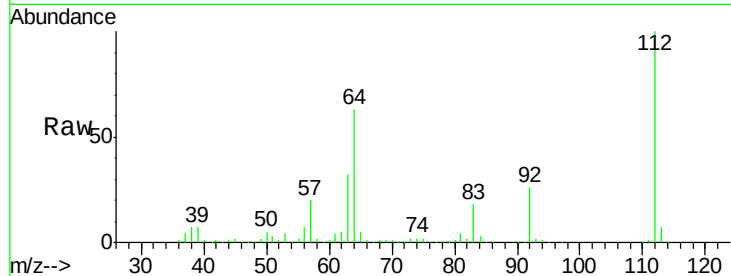
#5
2-Fluorophenol
Concen: 78.623 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	112	Resp:	816001
Ion Ratio	Lower	Upper	
112	100		
64	63.1	49.0	73.6
63	32.0	24.6	37.0

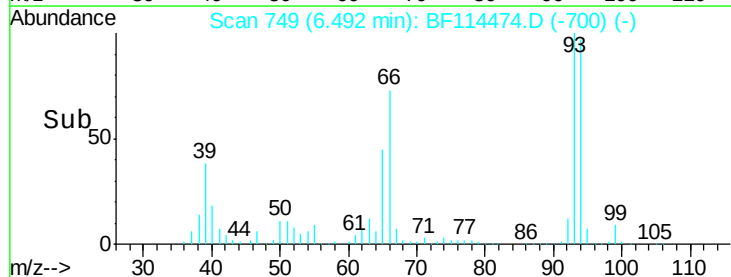
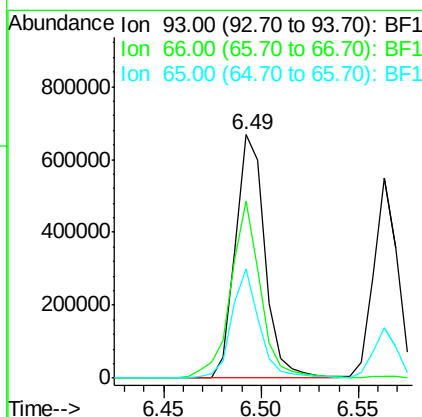
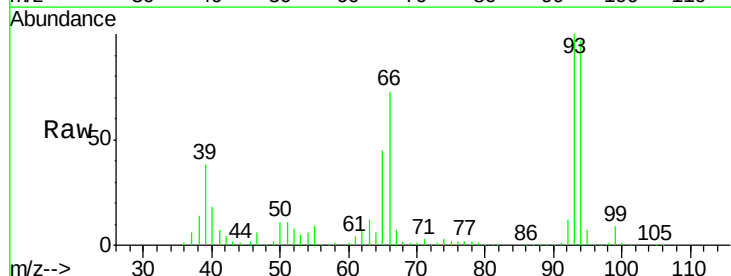
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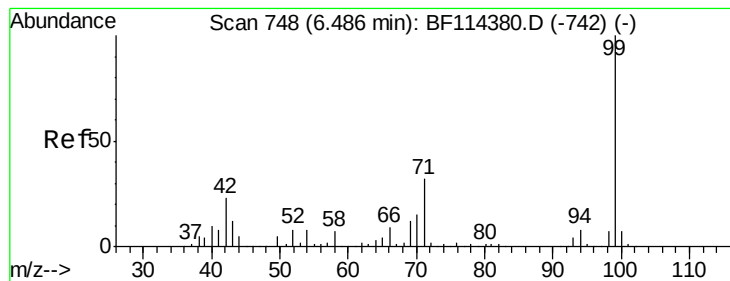
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#6
Aniline
Concen: 39.555 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion:	93	Resp:	701370
Ion Ratio	Lower	Upper	
93	100		
66	73.0	33.2	49.8#
65	45.1	17.6	26.4#





#7

Phenol-d6

Concen: 81.998 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

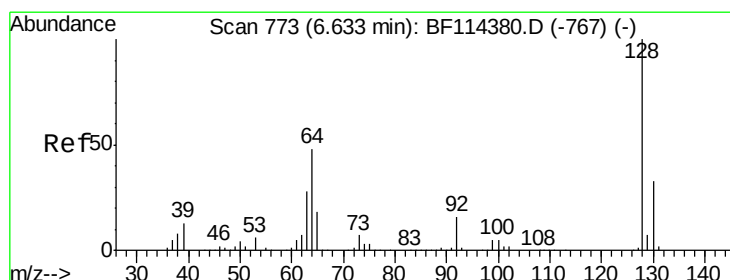
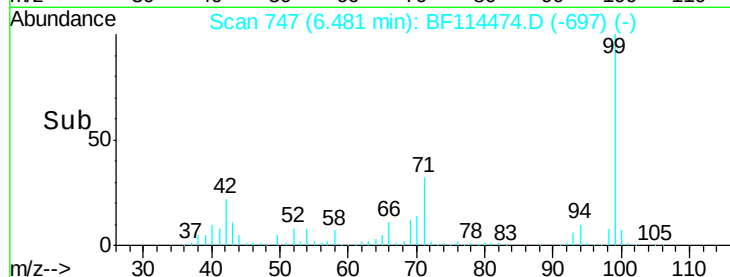
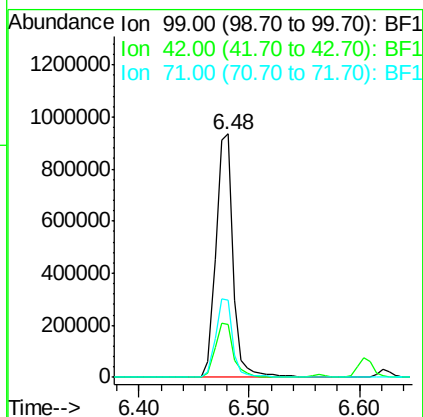
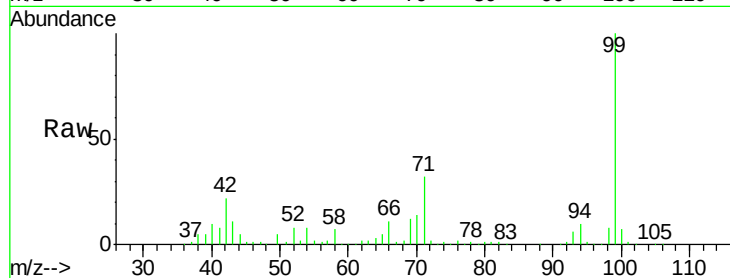
ClientSampleId :

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Tgt Ion:	99	Resp:	1006536
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	31.8	26.2	39.2

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#8

2-Chlorophenol

Concen: 42.081 ng

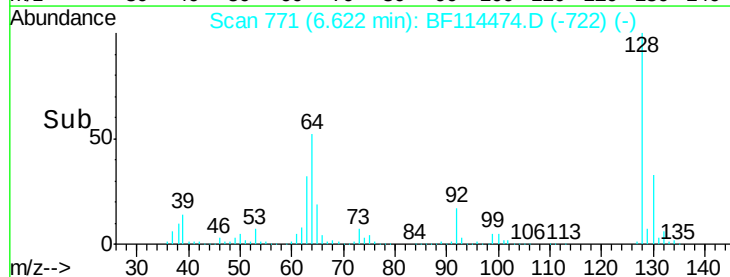
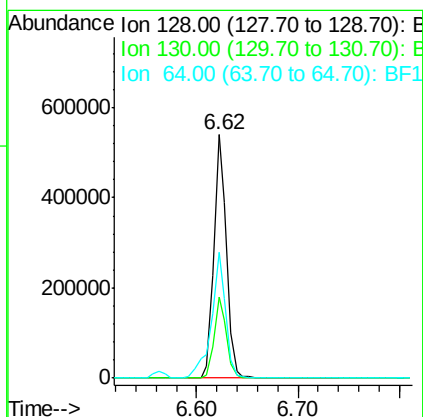
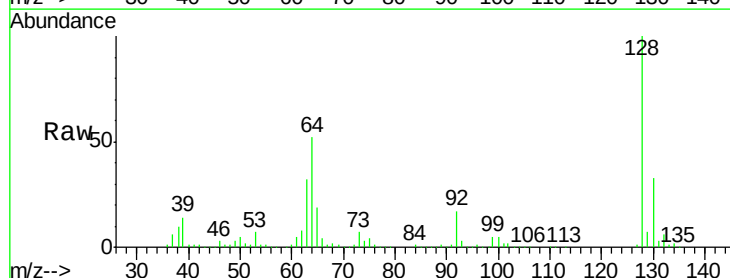
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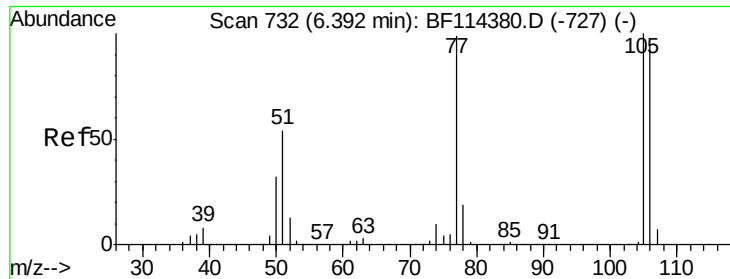
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	128	Resp:	466243
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	51.9	35.9	75.9





#9

Benzaldehyde

Concen: 36.321 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

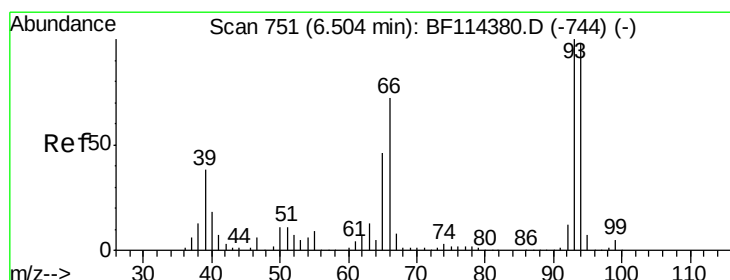
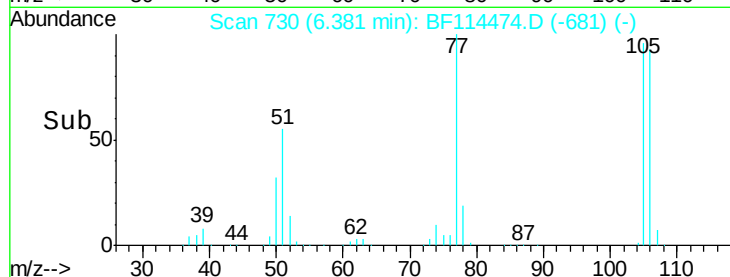
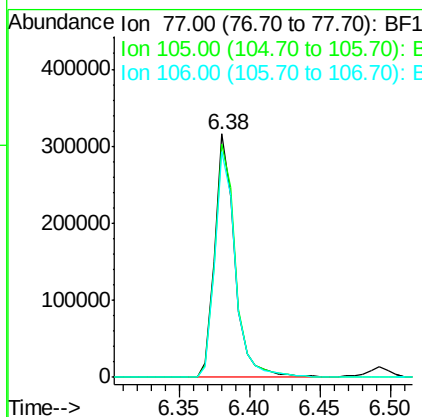
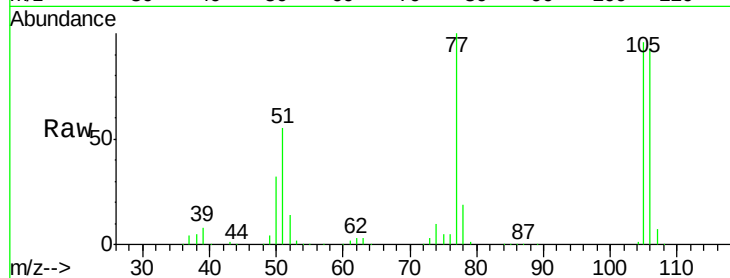
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	312120
Ion Ratio	Lower	Upper	
77	100		
105	96.1	79.3	119.3
106	92.5	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 40.385 ng

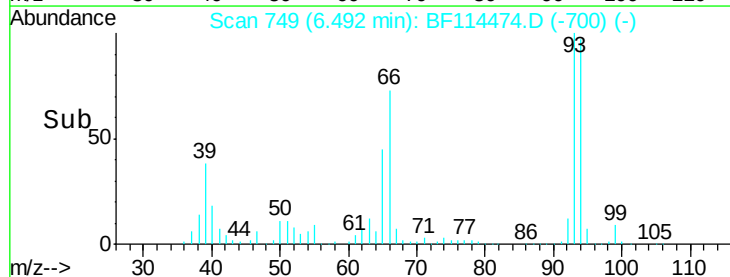
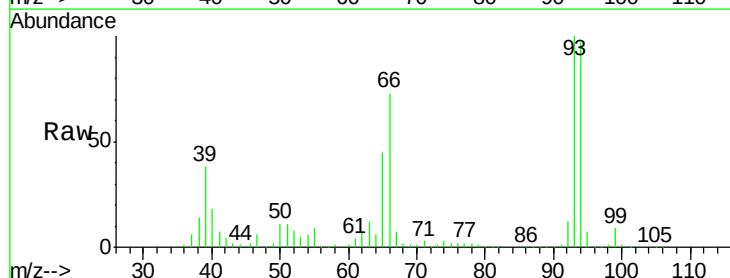
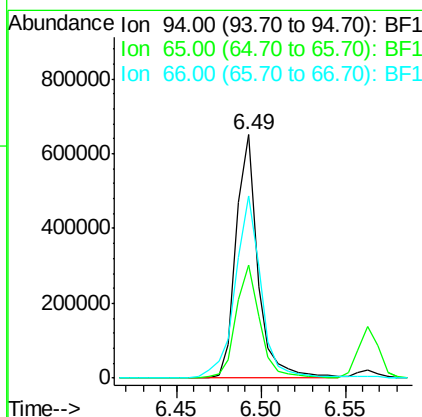
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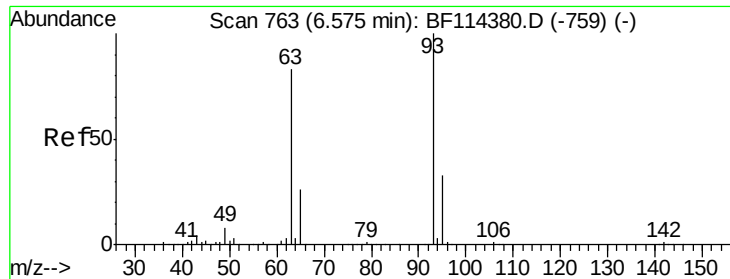
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	94	Resp:	583170
Ion Ratio	Lower	Upper	
94	100		
65	46.3	14.7	54.7
66	74.9	29.6	69.6





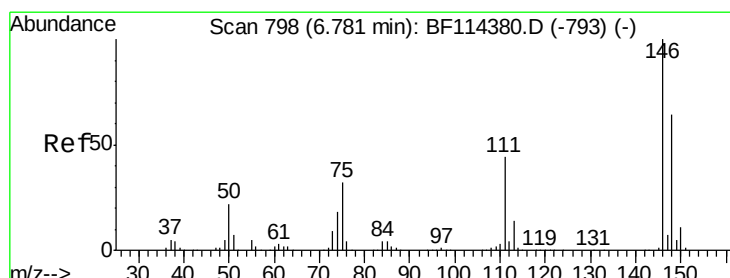
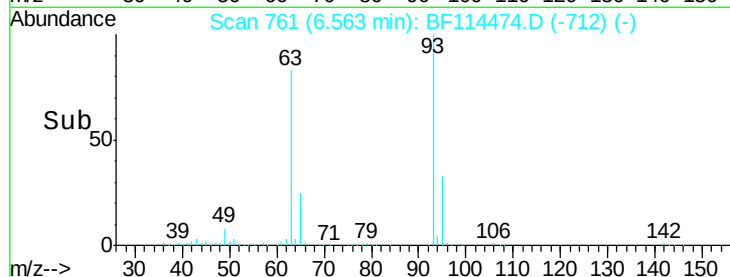
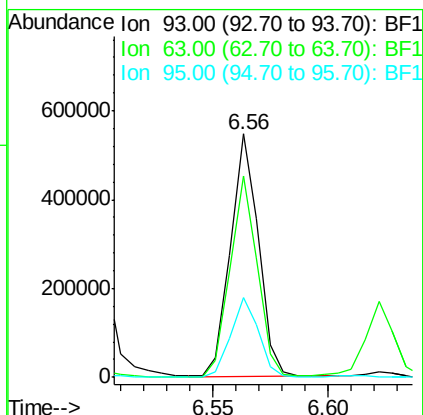
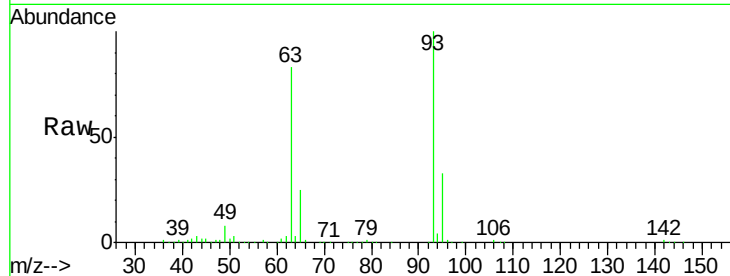
#11
bis(2-Chloroethyl)ether
Concen: 41.963 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.6	63.6	103.6
95	32.7	13.1	53.1

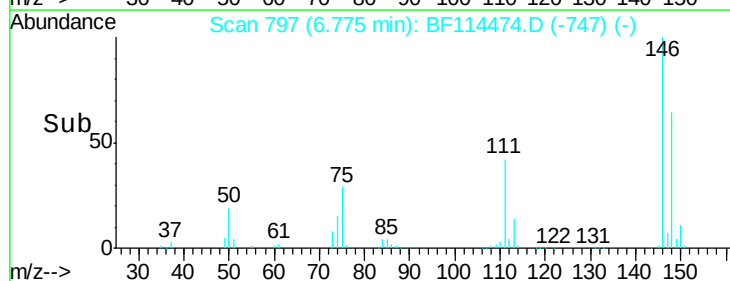
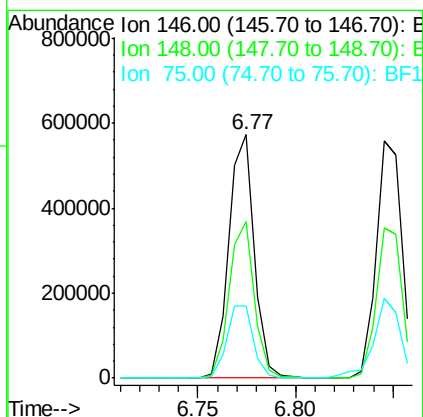
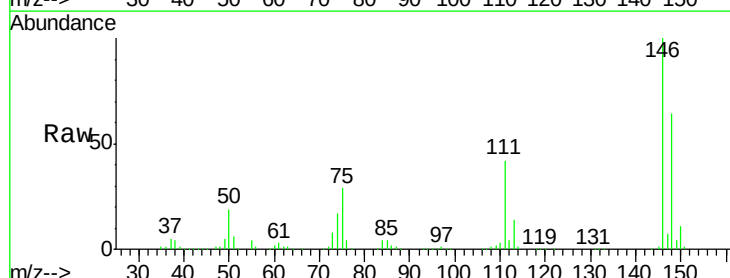
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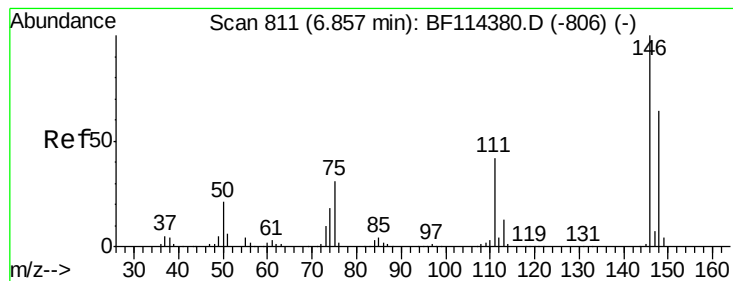
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.550 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
75	29.4	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 41.734 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

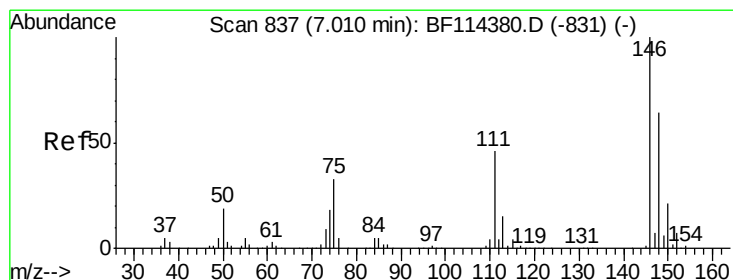
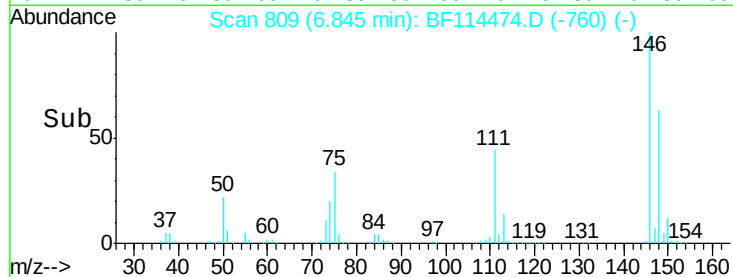
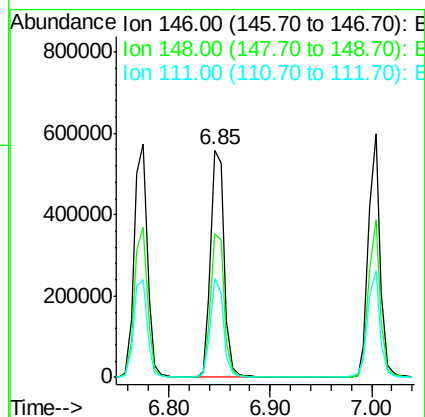
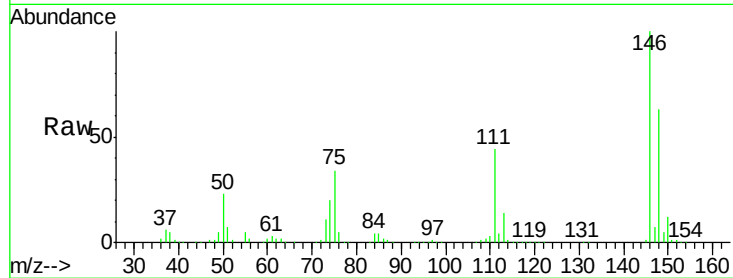
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	523037
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.2	75.2
111	43.7	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 42.024 ng

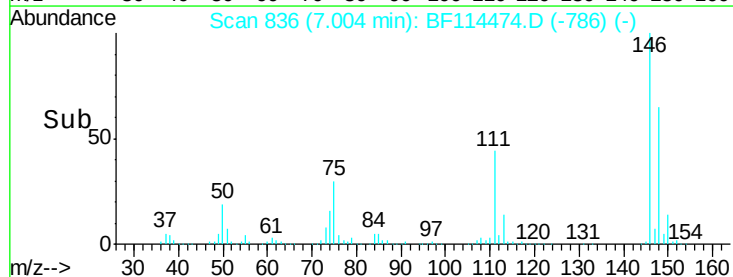
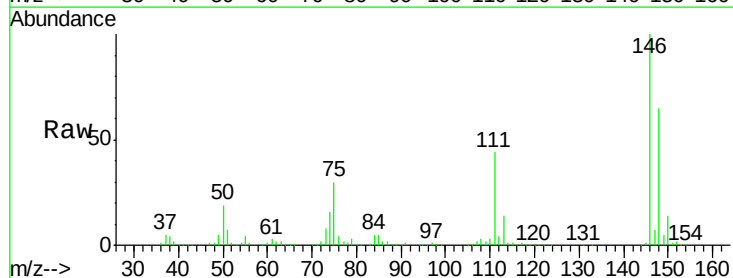
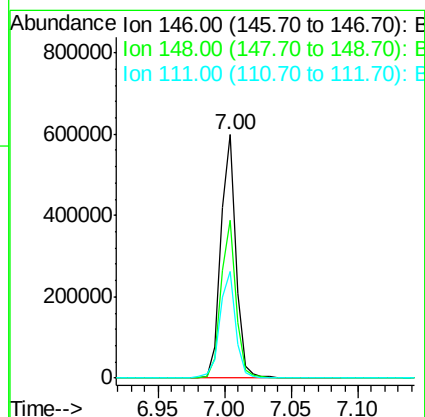
RT: 7.00 min Scan# 836

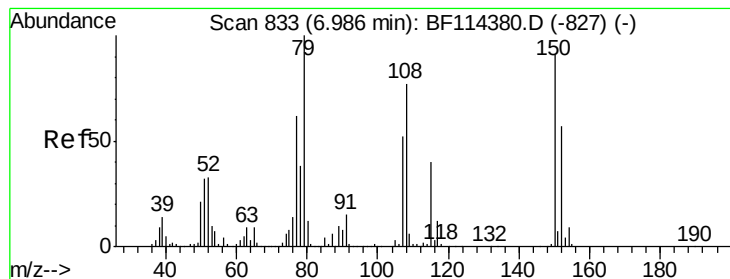
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	146	Resp:	481172
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	44.1	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.801 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

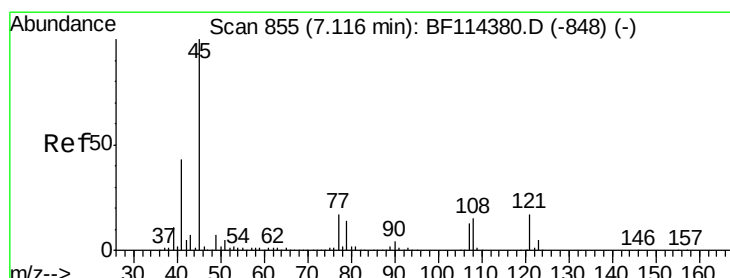
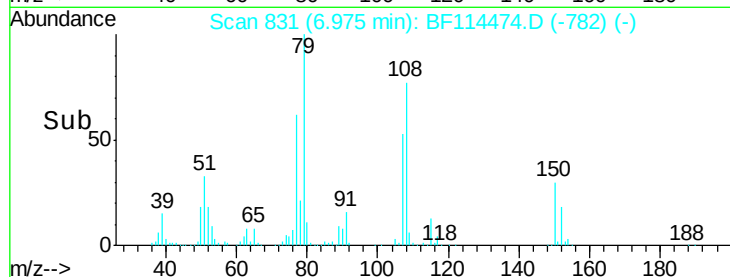
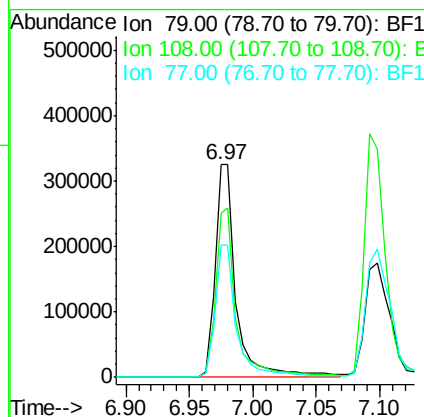
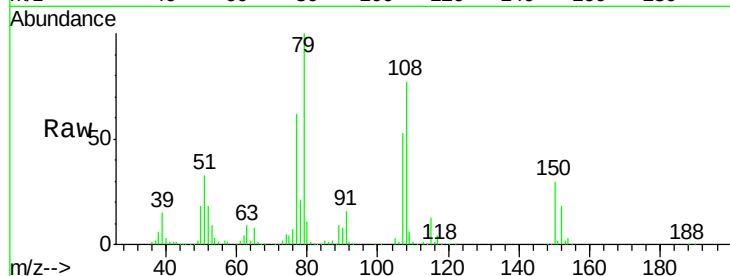
ClientSampled :

SSTDCCC040

Tgt Ion:	79	Resp:	381047
Ion	Ratio	Lower	Upper
79	100		
108	77.2	62.1	93.1
77	62.4	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.121 ng

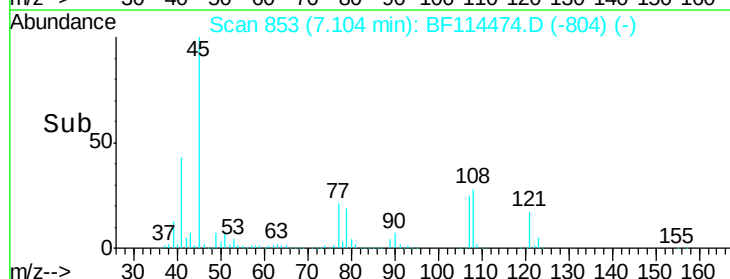
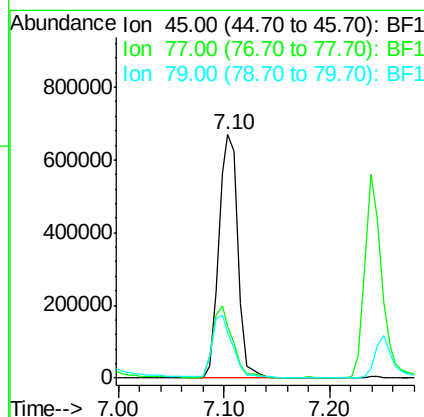
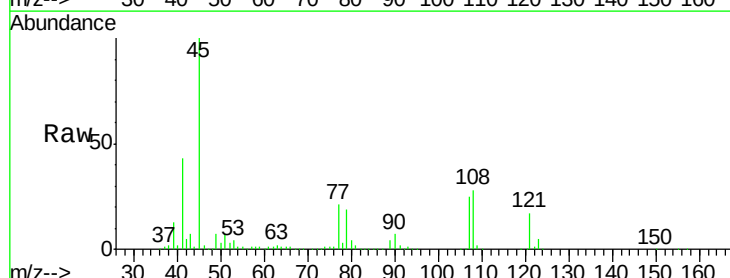
RT: 7.10 min Scan# 853

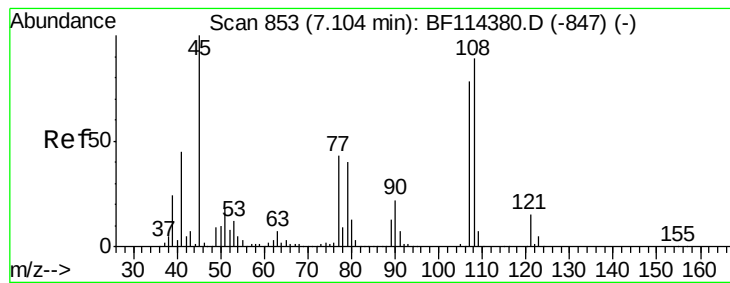
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	45	Resp:	852822
Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	31.1
79	18.5	0.0	28.4





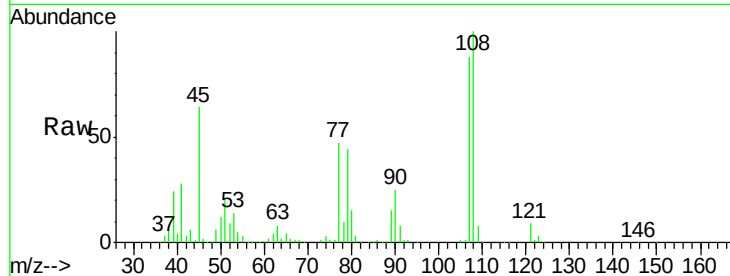
#17
2-Methylphenol
Concen: 40.156 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

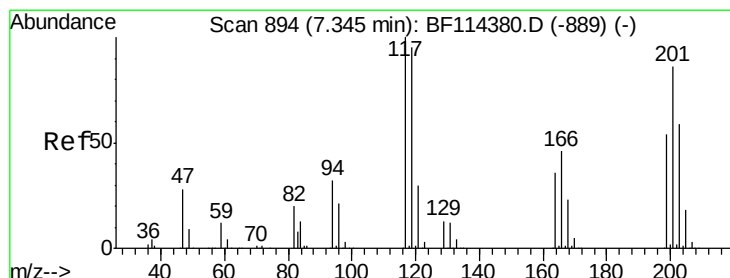
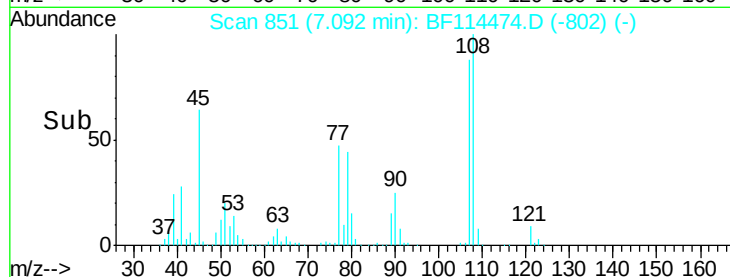
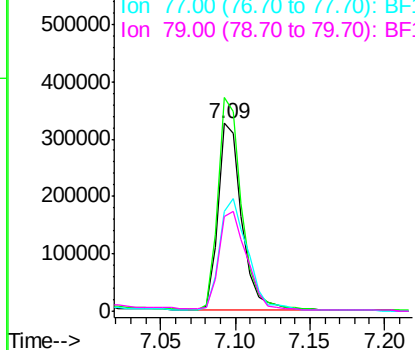
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	365481		
108	113.6	90.5	135.7	
77	53.1	37.0	55.4	
79	50.2	35.8	53.8	

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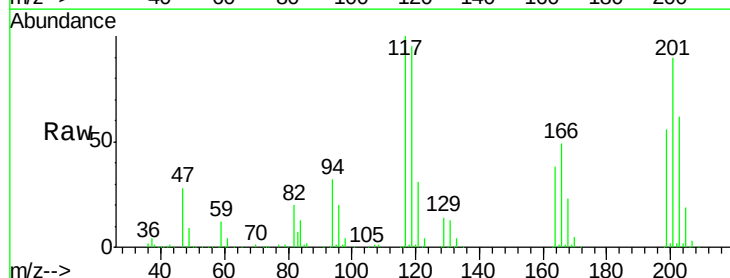


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

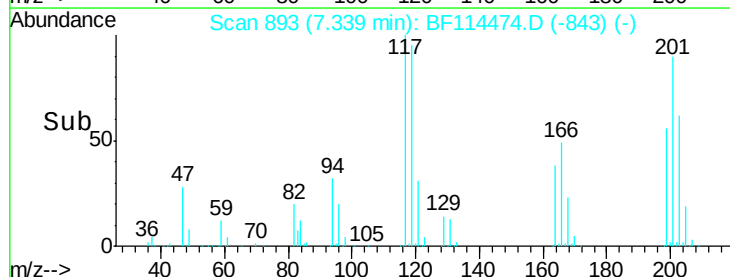
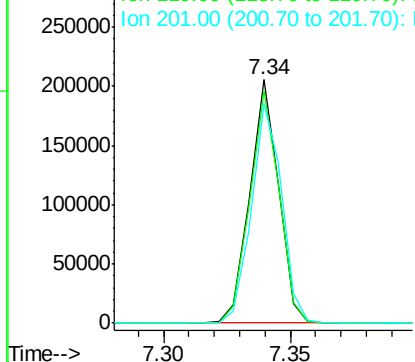


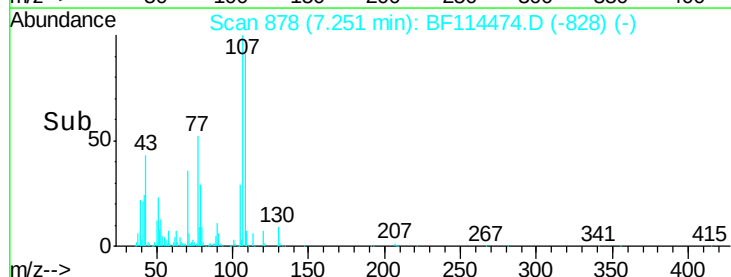
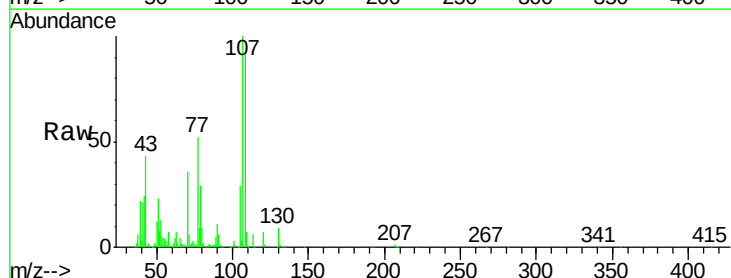
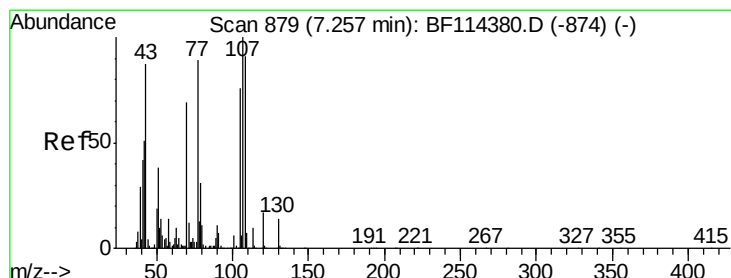
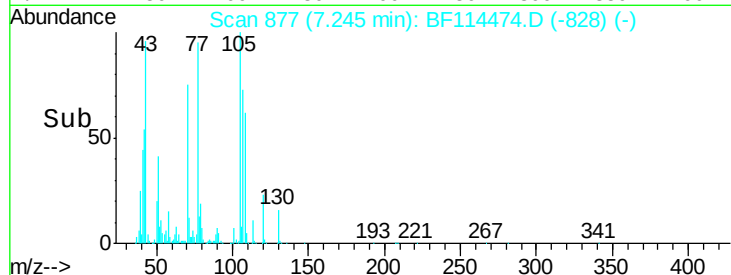
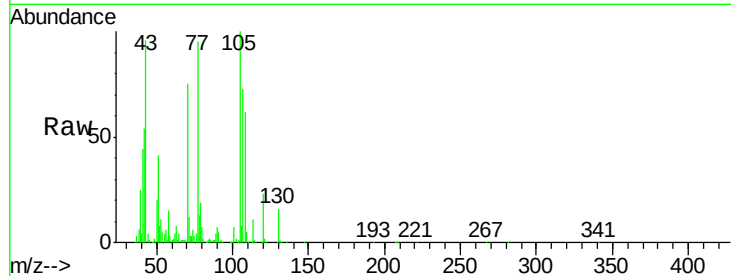
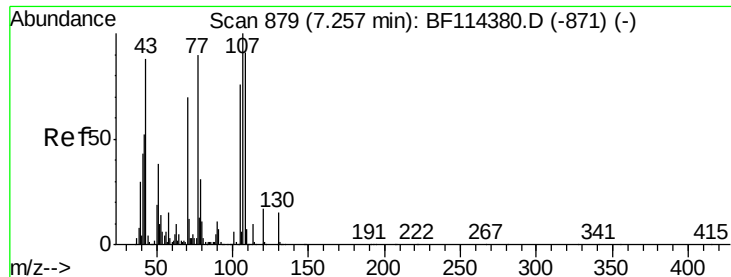
#18
Hexachloroethane
Concen: 34.531 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162445		
119	95.3	77.4	116.2	
201	90.3	74.5	111.7	



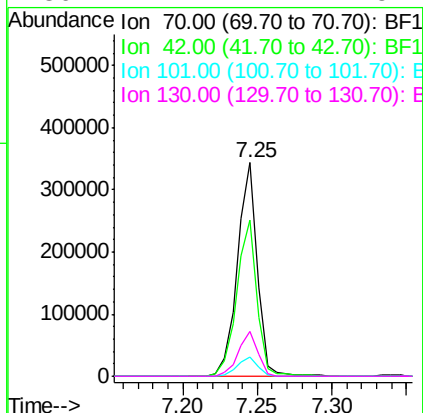
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.419 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	322261		
42	72.9	58.6	87.8	
101	9.1	7.8	11.8	
130	21.2	17.1	25.7	



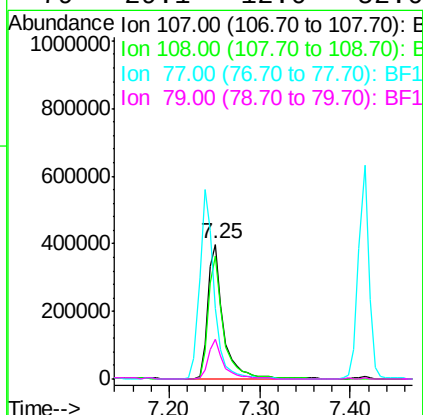
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

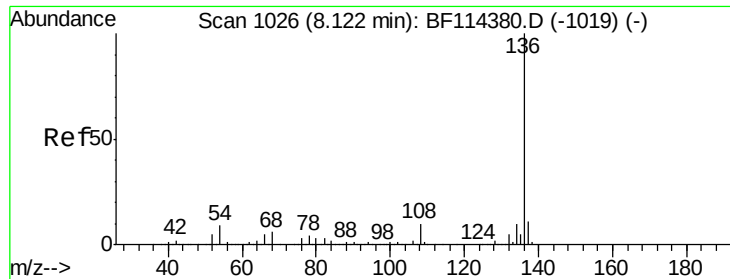
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#20
3+4-Methylphenols
Concen: 45.307 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	476439		
108	91.2	73.8	113.8	
77	52.3	111.5	151.5#	
79	29.1	12.0	52.0	





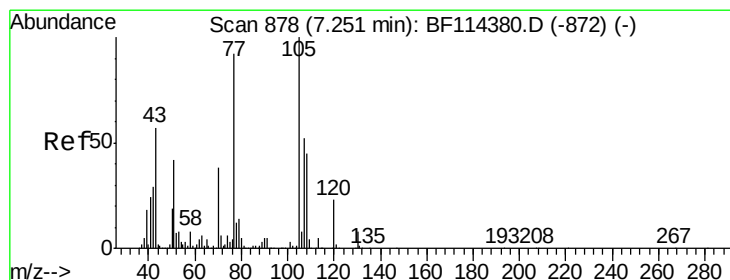
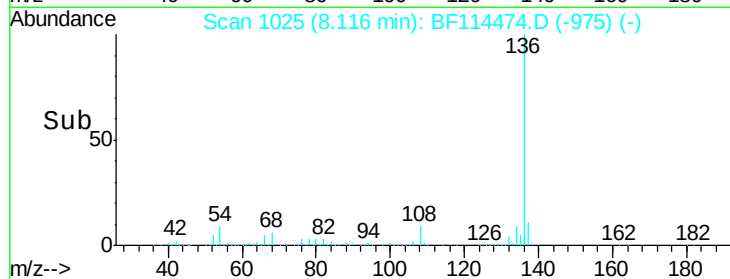
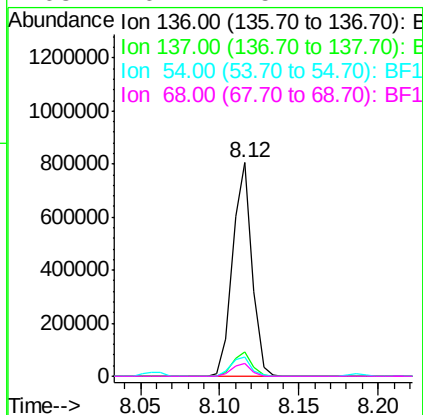
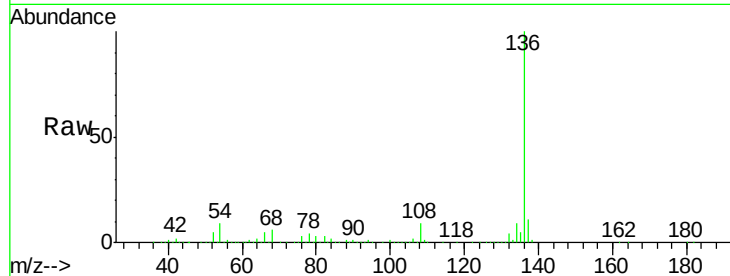
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	680823		
137	11.4	8.8	13.2	
54	9.2	7.8	11.8	
68	6.1	5.1	7.7	

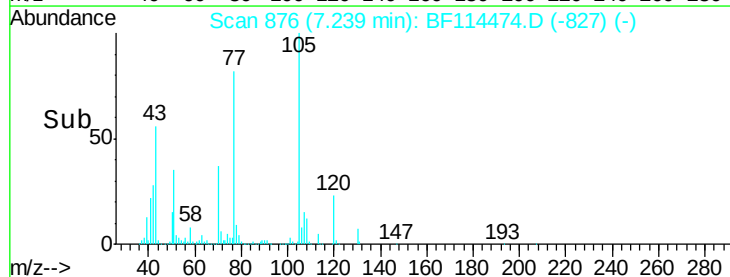
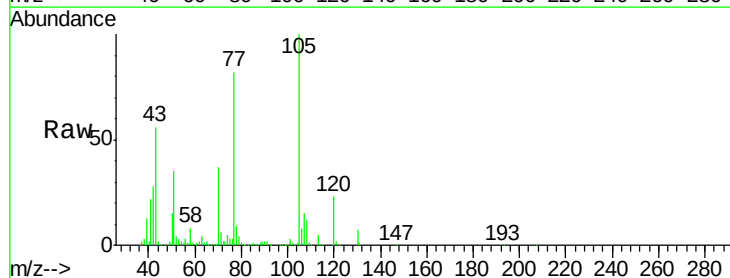
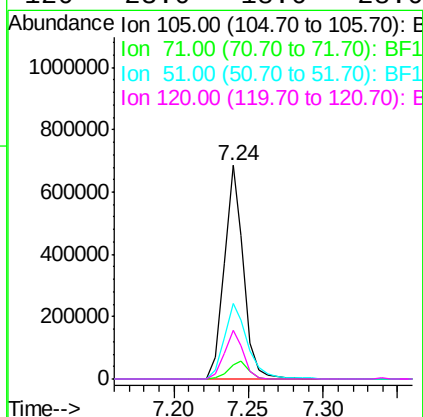
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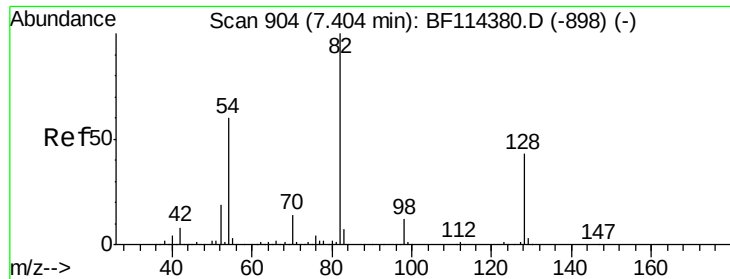
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#22
Acetophenone
Concen: 41.317 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	623161		
71	6.3	5.3	7.9	
51	35.5	36.2	54.4	
120	23.0	18.6	28.0	





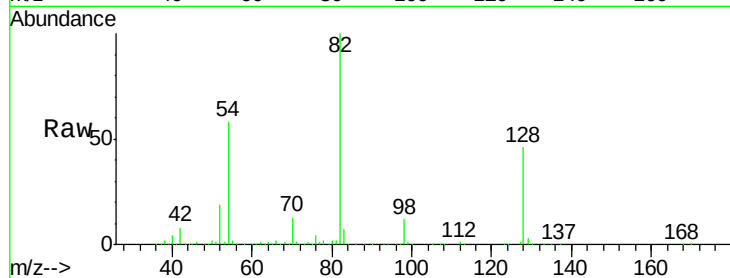
#23
Nitrobenzene-d5
Concen: 79.616 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

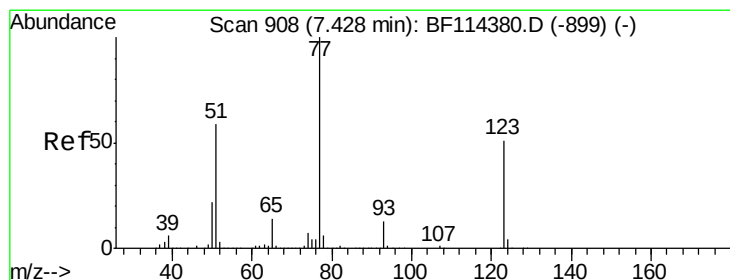
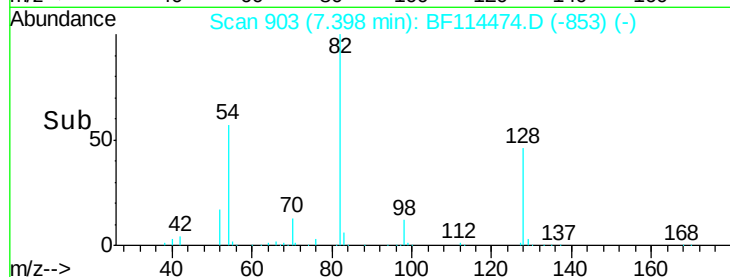
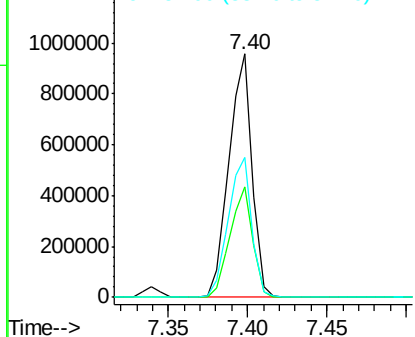
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.5	53.3
54	57.6	48.5	72.7

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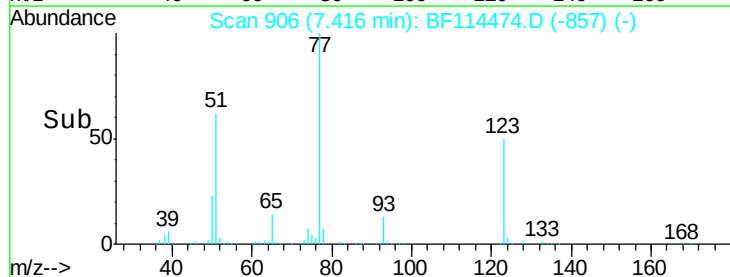
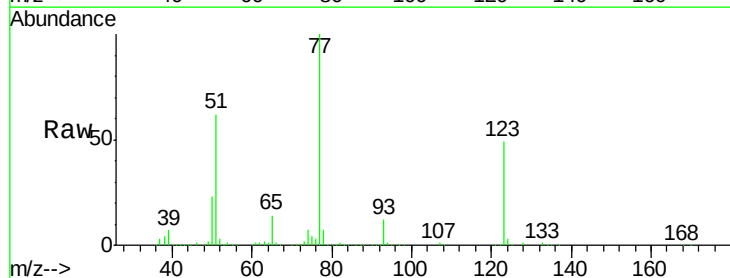
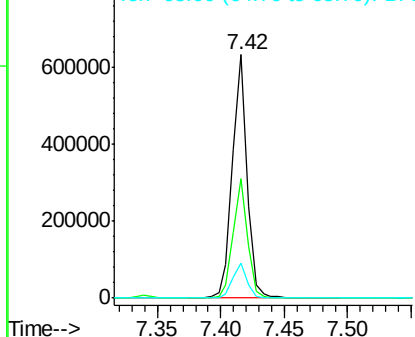
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

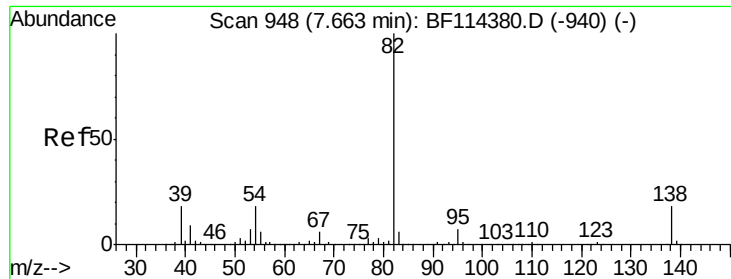


#24
Nitrobenzene
Concen: 40.232 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	36.9	55.3
65	14.1	11.8	17.6

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.936 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

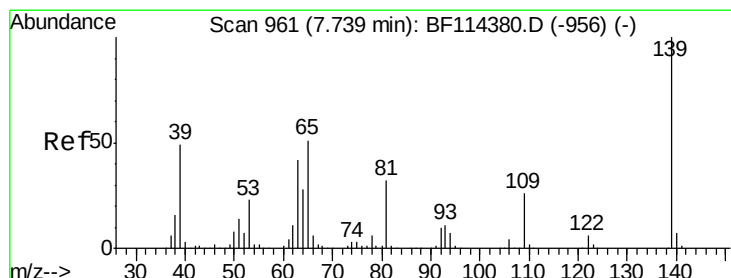
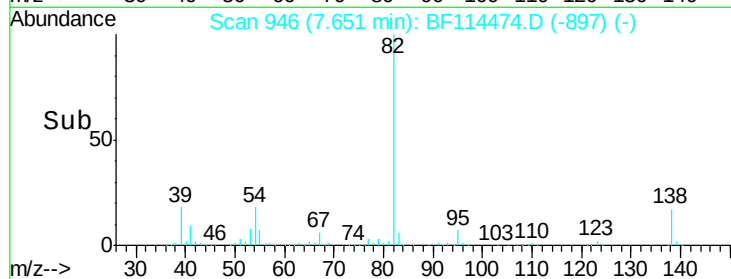
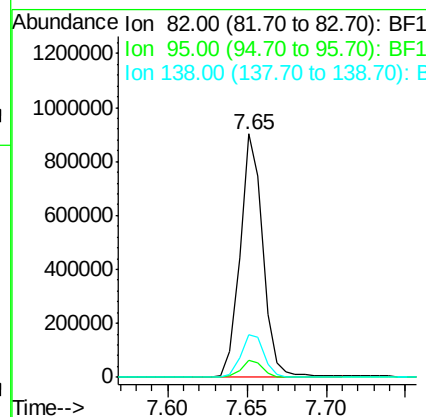
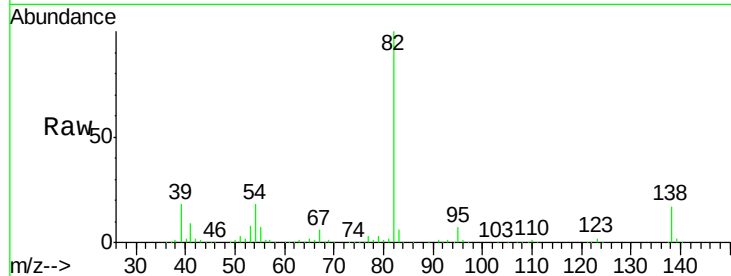
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	898530
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.4	14.8	22.2

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#26

2-Nitrophenol

Concen: 38.515 ng

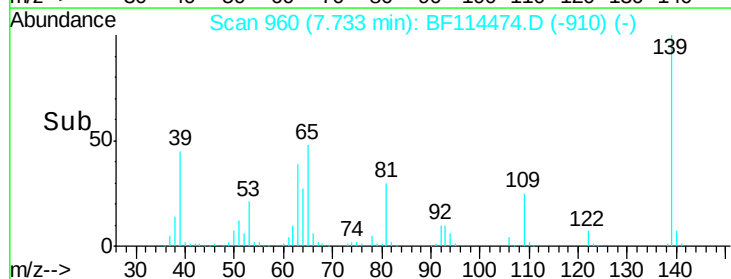
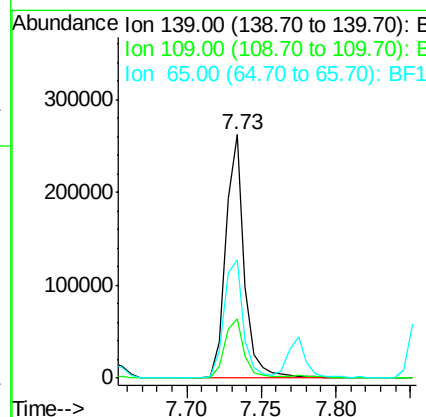
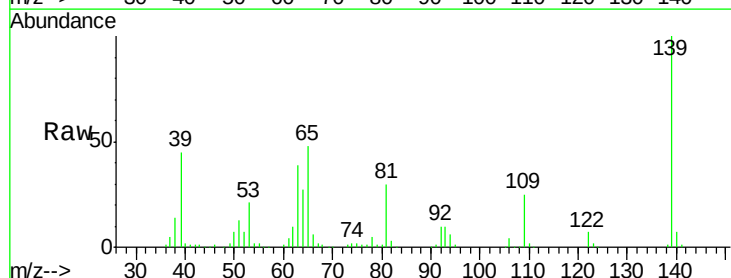
RT: 7.73 min Scan# 960

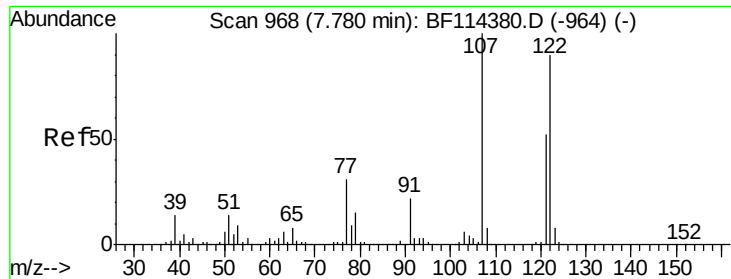
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	139	Resp:	230887
Ion Ratio	Lower	Upper	
139	100		
109	24.5	20.7	31.1
65	48.5	40.2	60.2





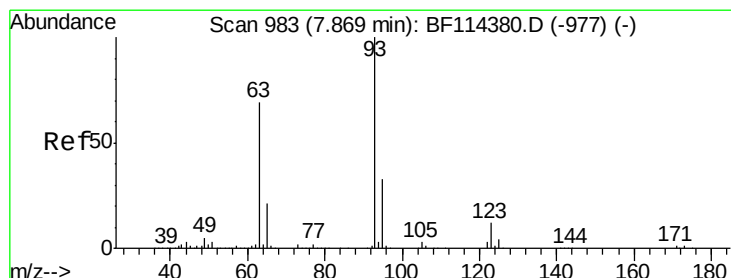
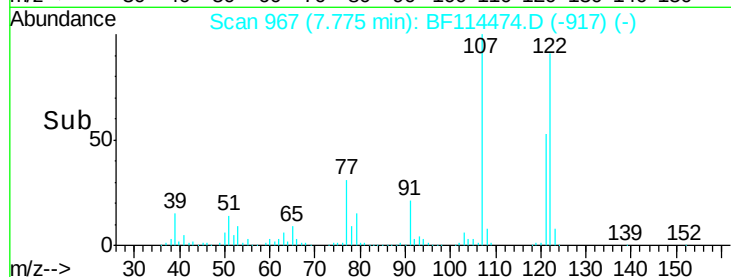
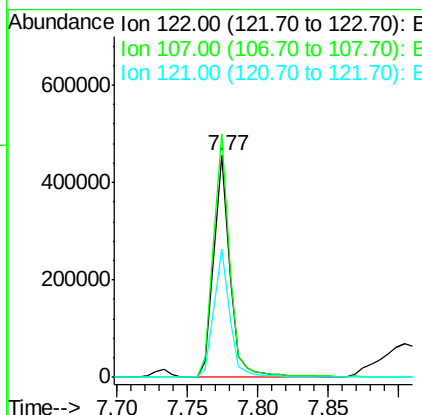
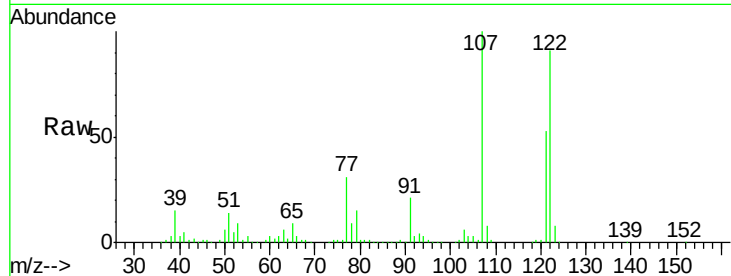
#27
2,4-Dimethylphenol
Concen: 39.069 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	367846		
107	109.9	88.4	132.6	
121	57.8	45.9	68.9	

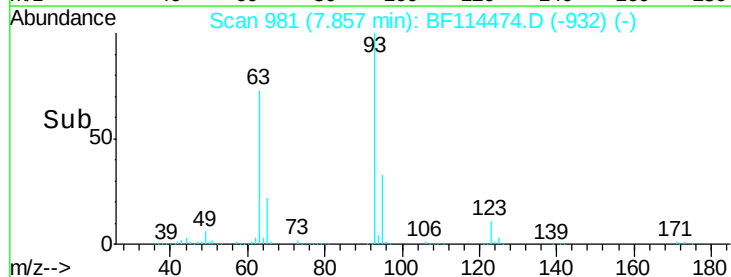
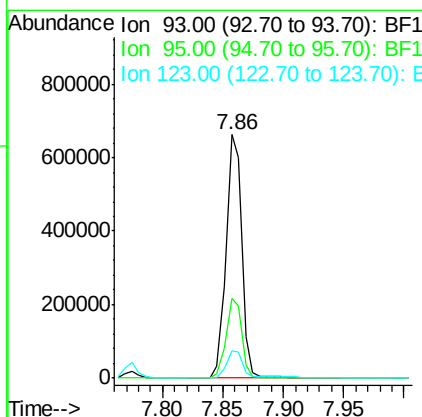
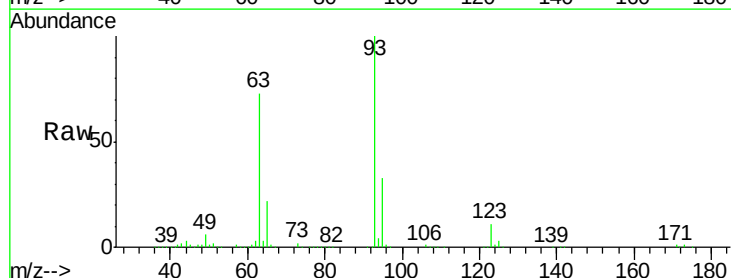
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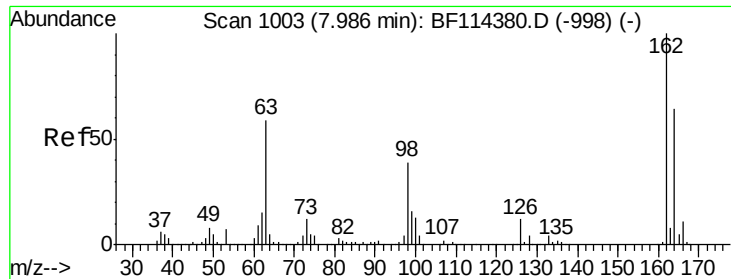
Sohil
5/23/2019 8:15:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.011 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	598691		
95	32.7	26.8	40.2	
123	11.0	9.5	14.3	





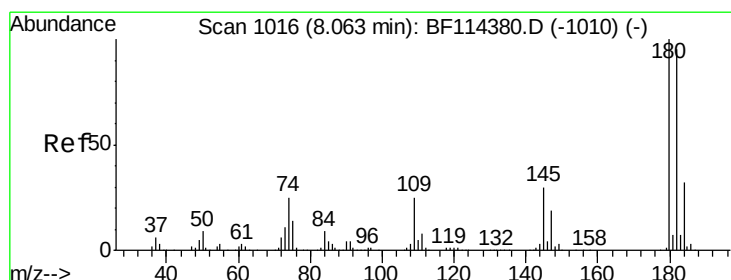
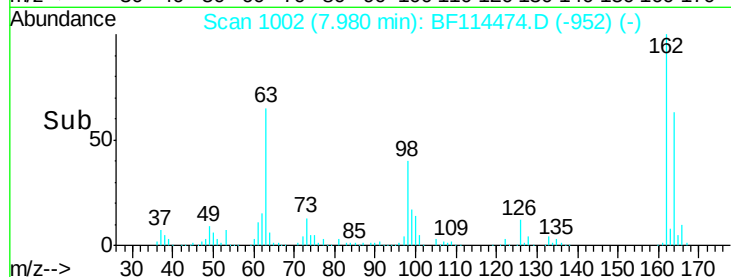
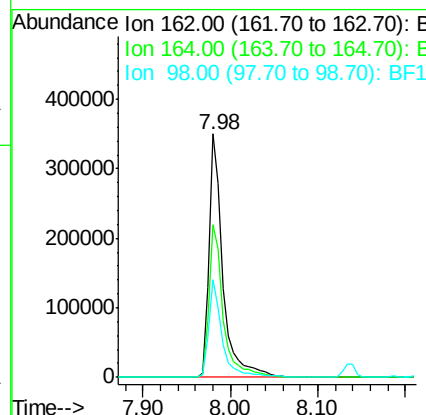
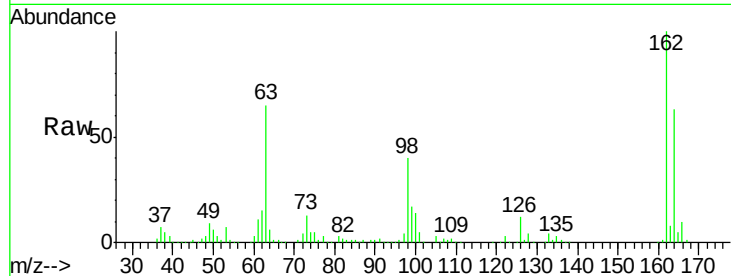
#29
2,4-Dichlorophenol
Concen: 41.251 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	386742		
164	62.7	43.6	83.6	
98	39.9	20.6	60.6	

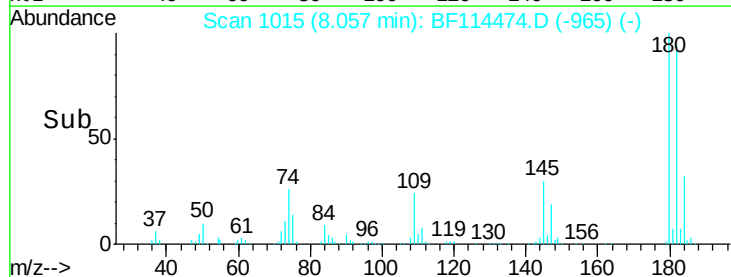
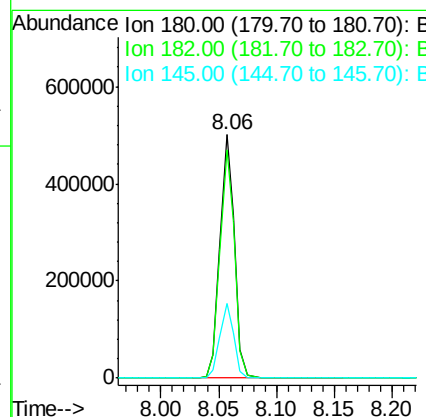
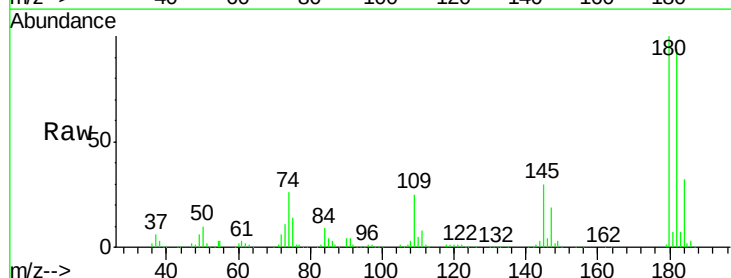
Manual Integrations
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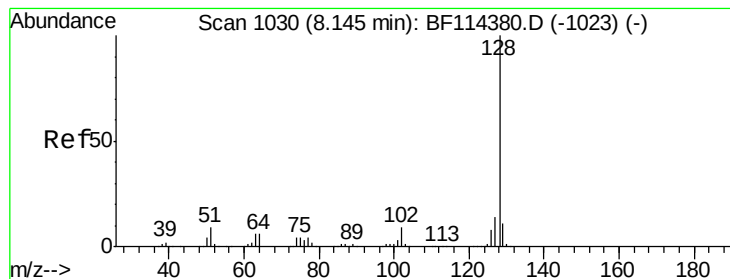
Sohil
5/23/2019 8:15:53 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.631 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	433168		
182	93.9	76.6	114.8	
145	30.5	25.1	37.7	





#31

Naphthalene

Concen: 41.753 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1327832

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

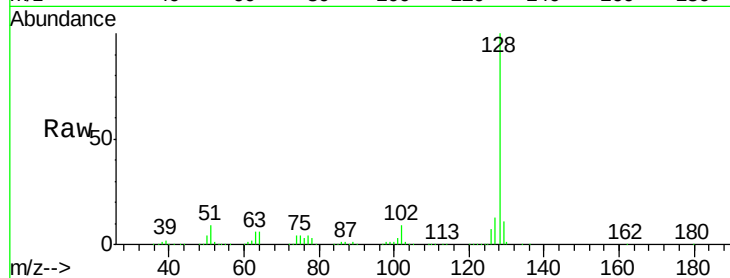
127 13.3 11.3 16.9

Manual Integrations

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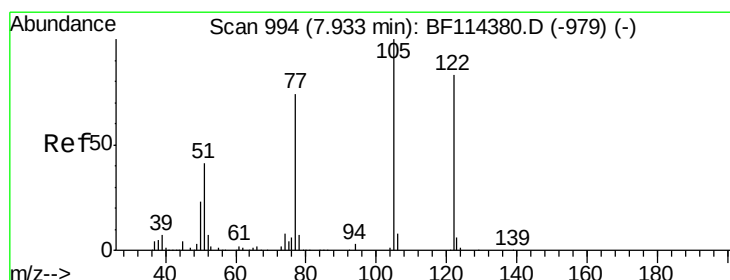
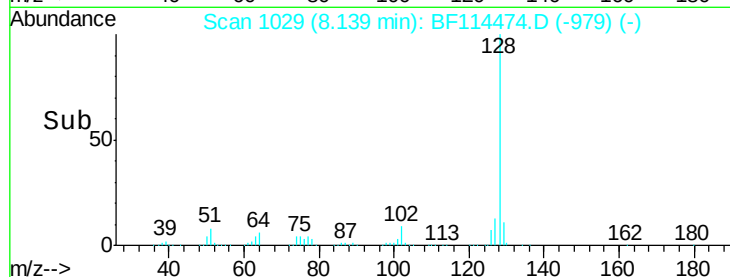
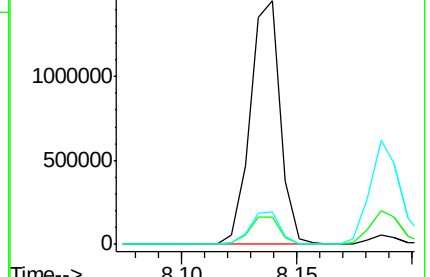
5/23/2019 8:15:53 AM



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.424 ng m

RT: 7.90 min Scan# 989

Delta R.T. -0.03 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

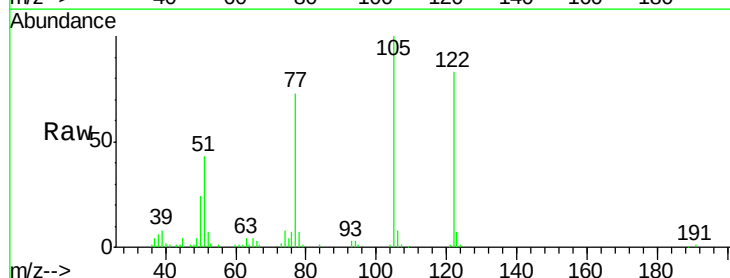
Tgt Ion:122 Resp: 191899

Ion Ratio Lower Upper

122 100

105 120.3 99.9 139.9

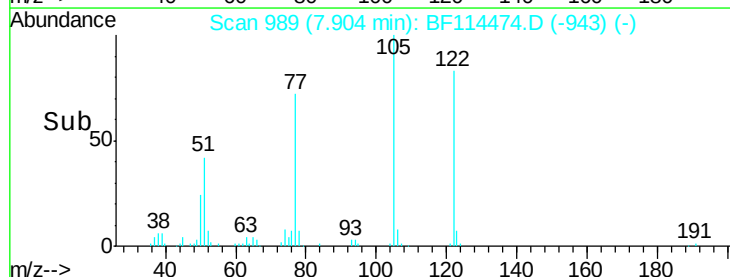
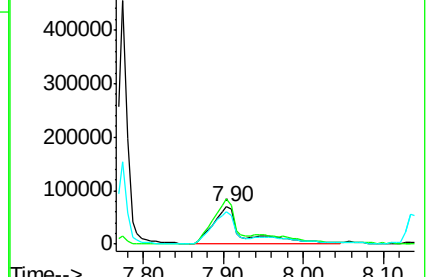
77 87.9 69.4 109.4

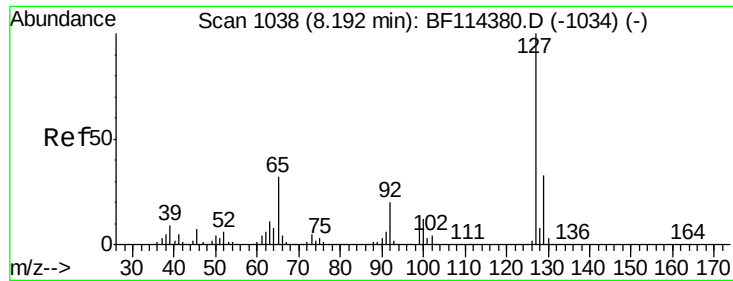


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





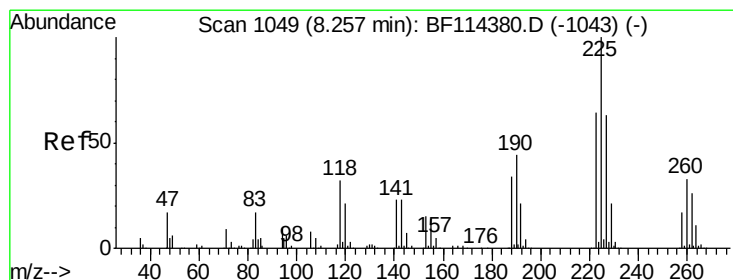
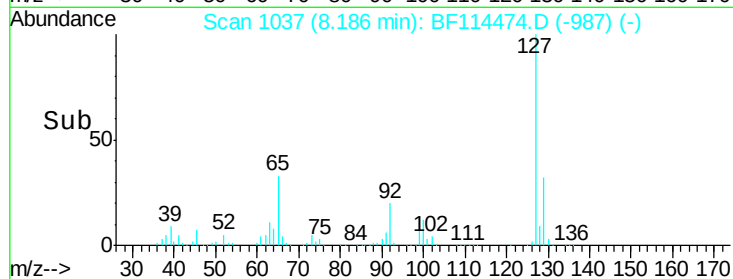
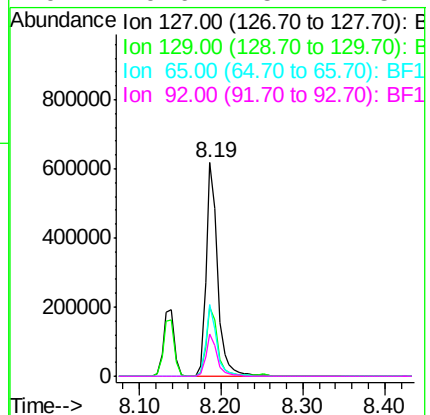
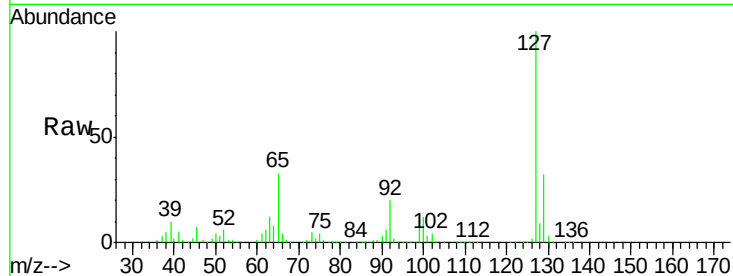
#33
4-Chloroaniline
Concen: 42.152 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	610872		
129	32.2	26.7	40.1	
65	33.4	25.4	38.0	
92	19.6	15.4	23.2	

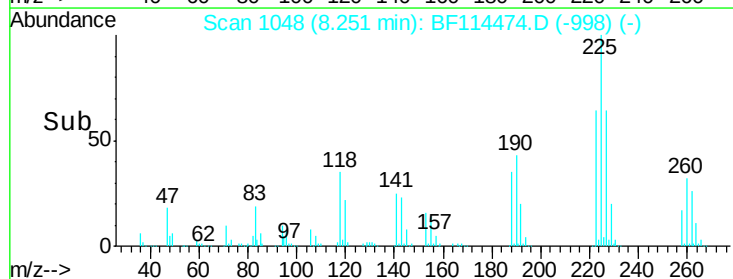
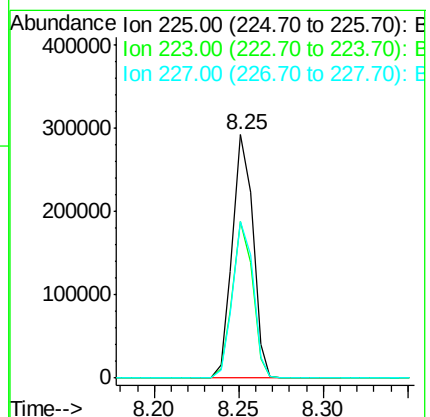
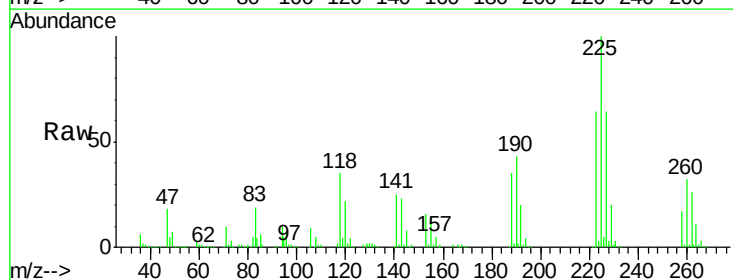
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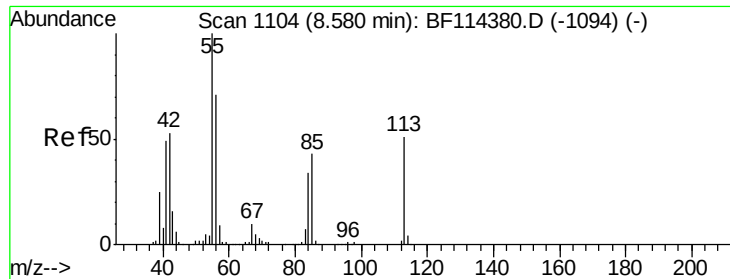
Sohil
5/23/2019 8:15:53 AM



#34
Hexachlorobutadiene
Concen: 41.148 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	249601		
223	64.1	50.2	75.2	
227	64.3	52.6	79.0	





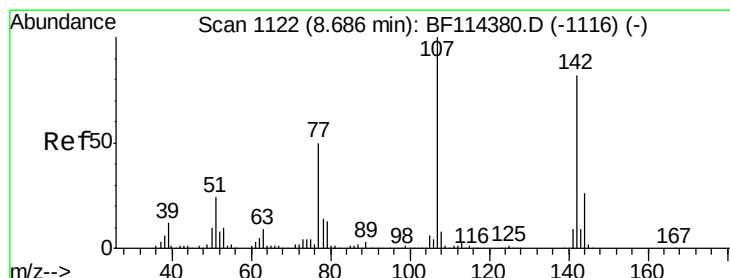
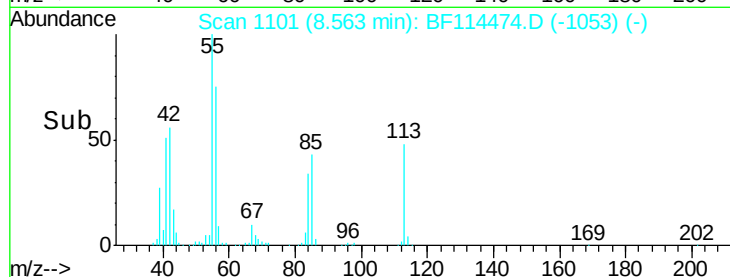
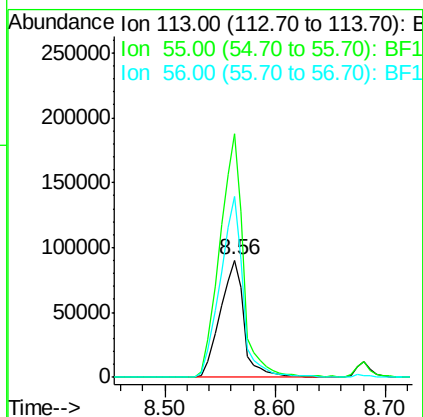
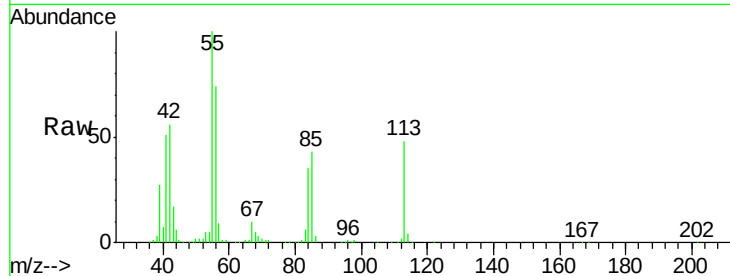
#35
 Caprolactam
 Concen: 44.232 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	207.6	183.5	223.5
56	154.5	128.8	168.8

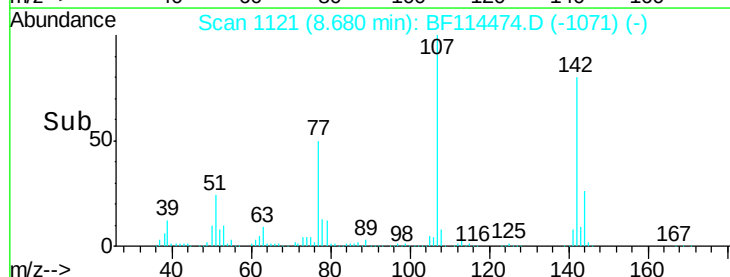
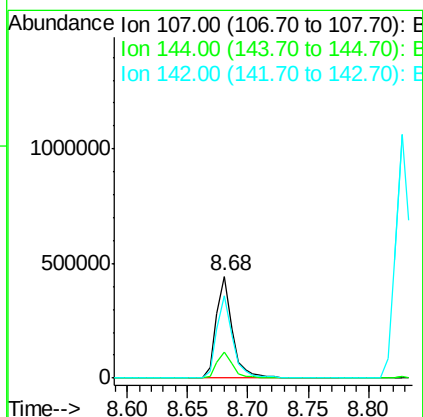
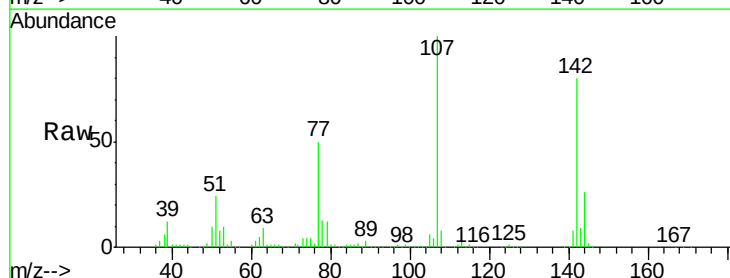
Manual Integrations
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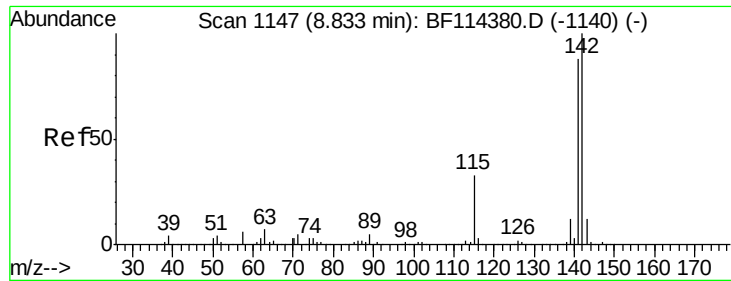
Sohil
 5/23/2019 8:15:53 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.032 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	80.4	64.2	96.4





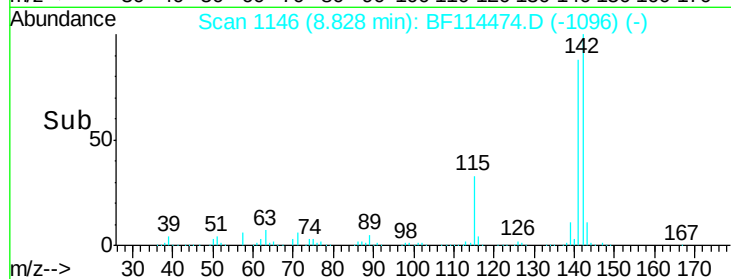
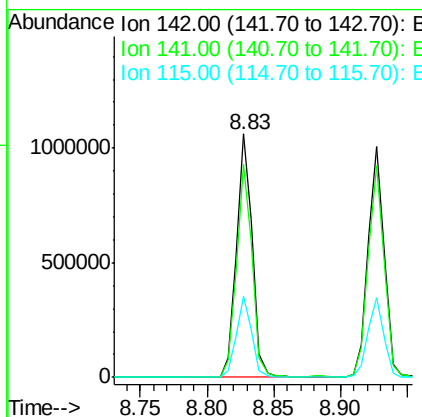
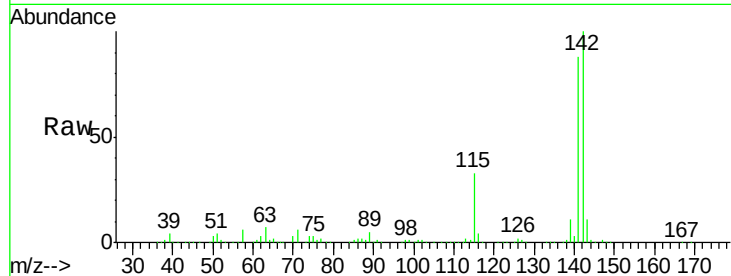
#37
2-Methylnaphthalene
Concen: 43.119 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
142	100		884737		
141	87.5	72.1	108.1		
115	33.0	28.0	42.0		

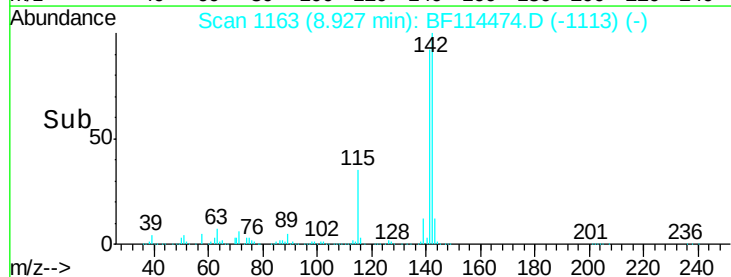
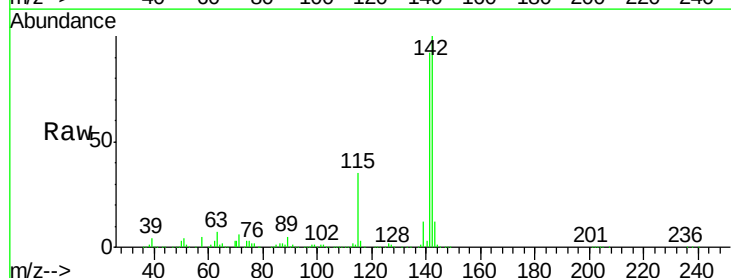
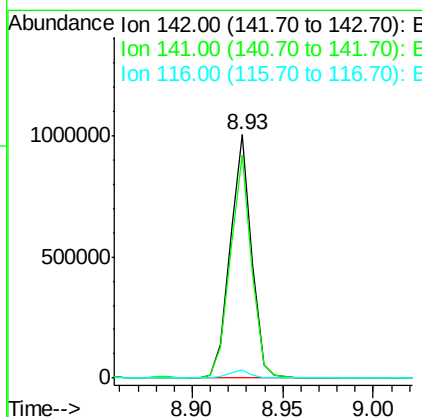
Manual Integrations
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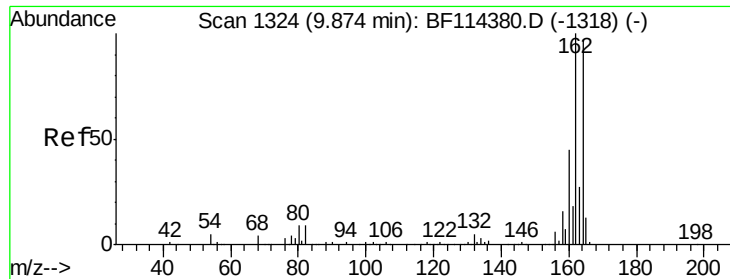
Sohil
5/23/2019 8:15:53 AM



#38
1-Methylnaphthalene
Concen: 42.574 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt	Ion	Ratio	Resp	Lower	Upper
142	100		822649		
141	91.9	73.4	110.0		
116	3.5	3.1	4.7		





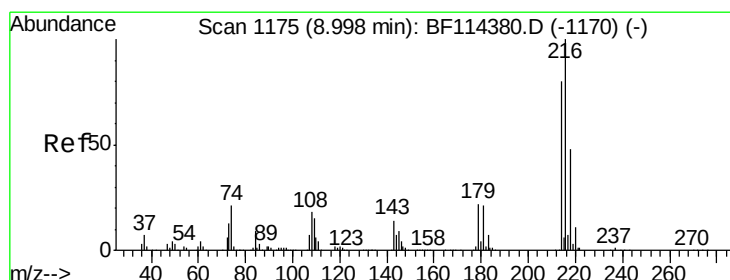
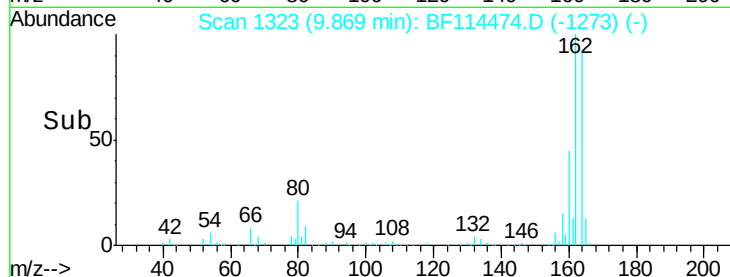
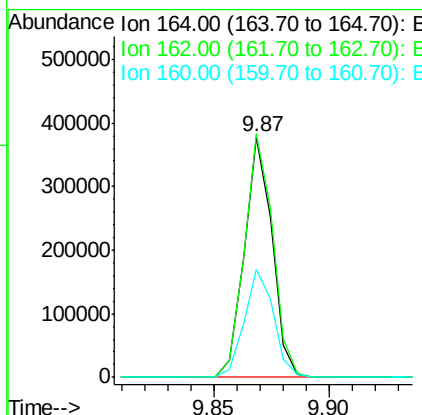
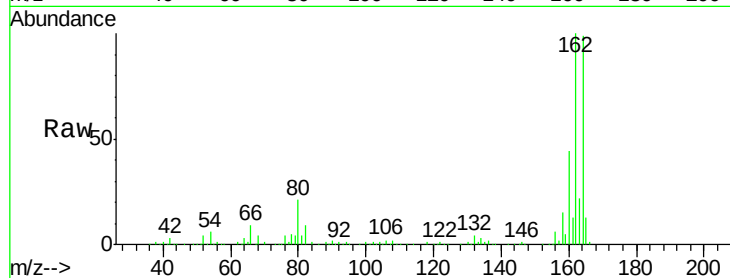
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	318051		
162	101.3	80.6	120.8	
160	45.0	36.5	54.7	

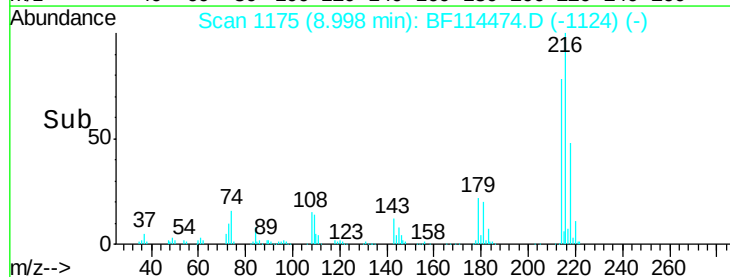
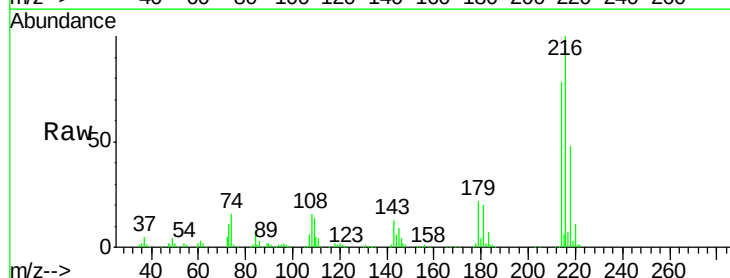
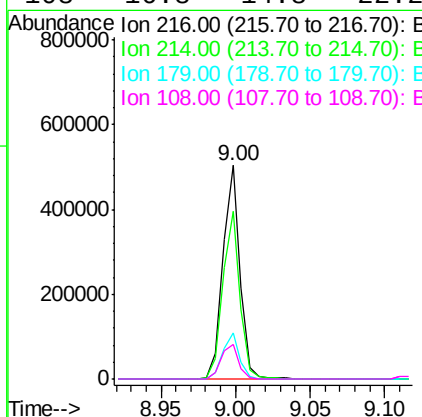
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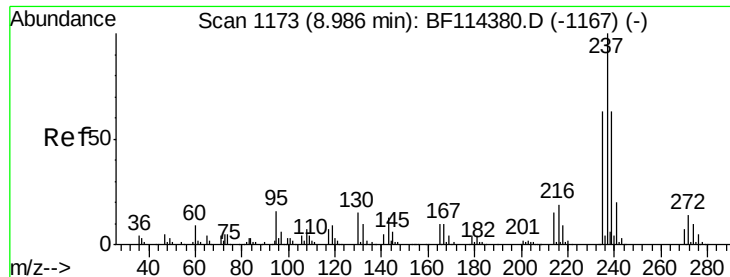
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.321 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	407744		
214	78.6	63.9	95.9	
179	21.2	17.0	25.6	
108	16.8	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 4.546 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

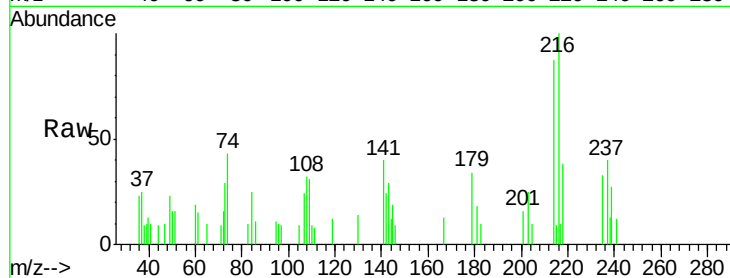
ClientSampleId :

SSTDCCC040

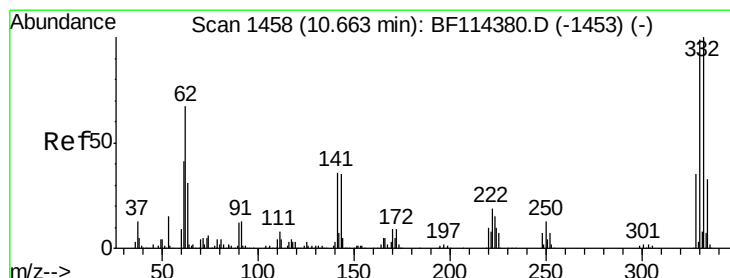
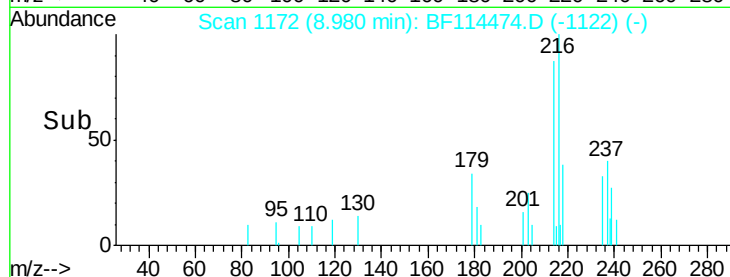
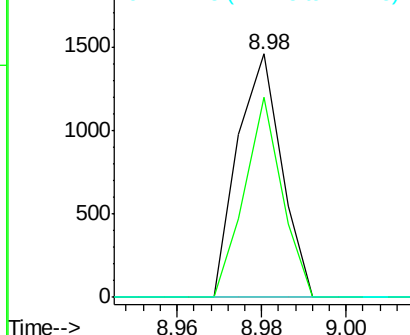
Tgt Ion:	237	Resp:	1053
Ion Ratio	Lower	Upper	
237	100		
235	82.2	42.0	82.0#
272	0.0	0.0	32.4

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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: 69.689 ng

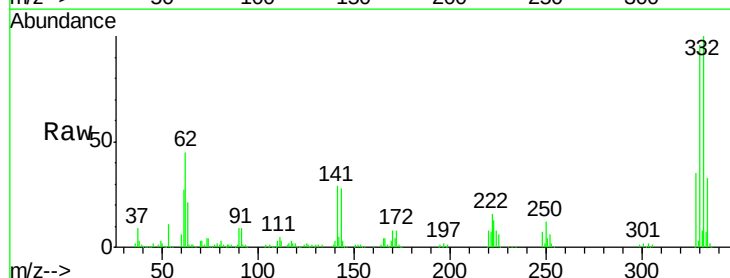
RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

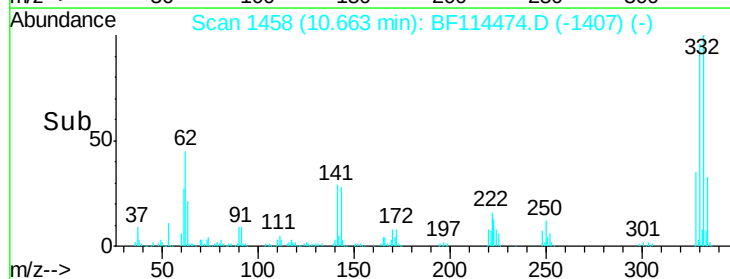
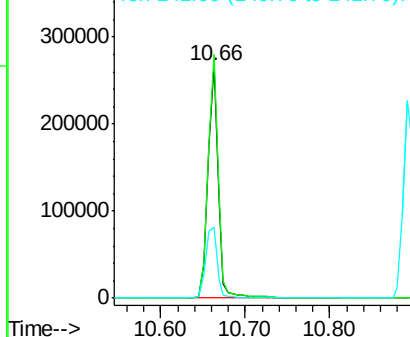
Lab File: BF114474.D

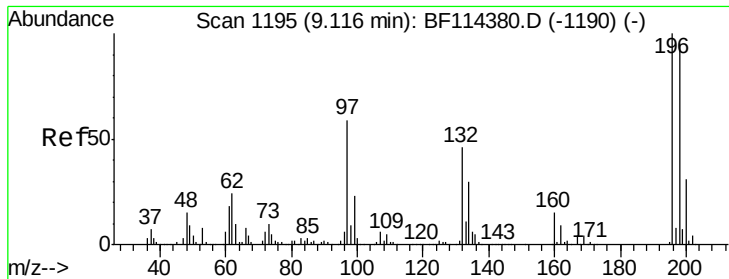
Acq: 22 May 2019 00:14

Tgt Ion:	330	Resp:	229145
Ion Ratio	Lower	Upper	
330	100		
332	103.3	81.4	122.2
141	33.8	26.6	40.0



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





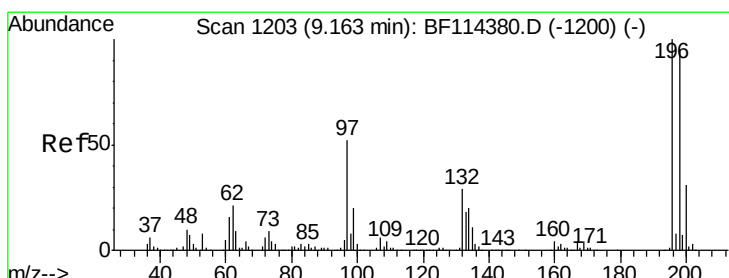
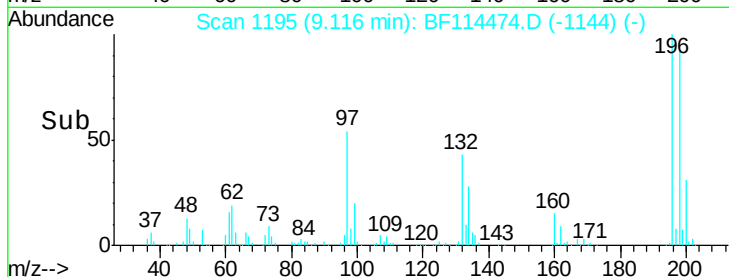
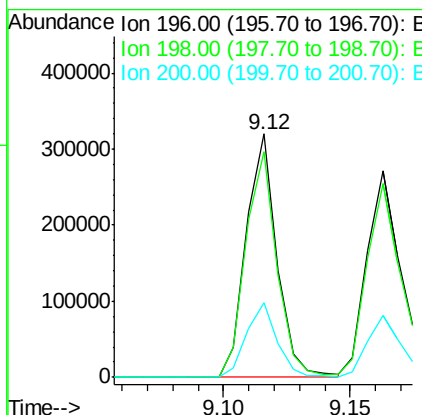
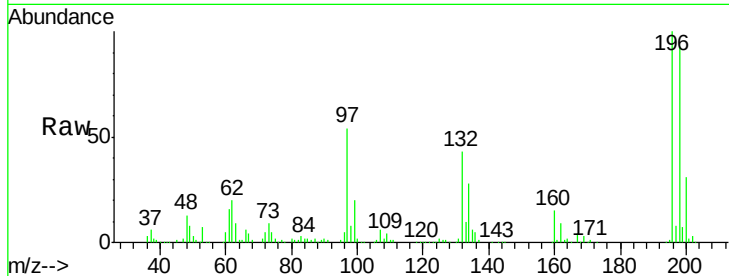
#43
 2,4,6-Trichlorophenol
 Concen: 40.879 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270902		
198	92.6	75.9	113.9	
200	30.9	23.5	35.3	

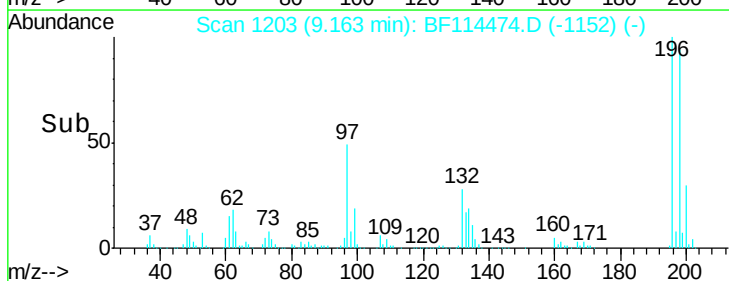
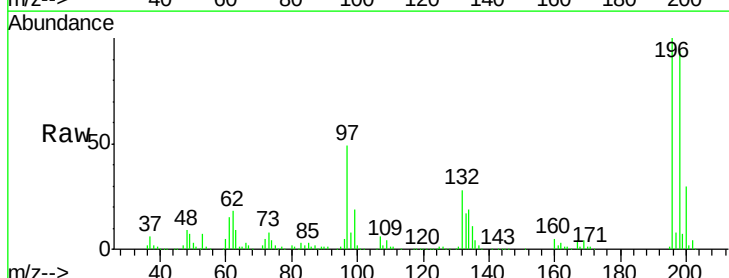
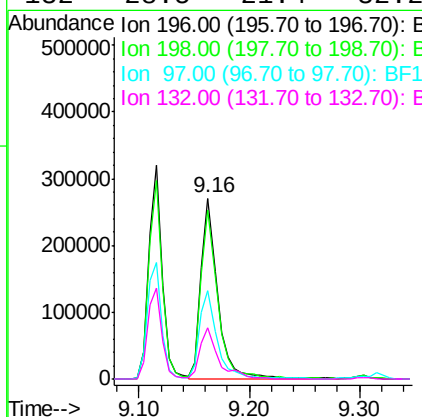
Manual Integrations
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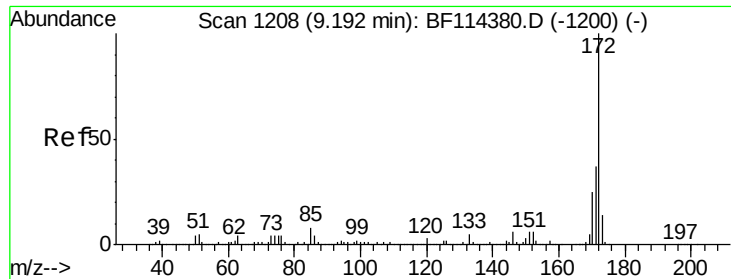
Sohil
 5/23/2019 8:15:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.411 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274639		
198	93.9	77.7	116.5	
97	48.9	38.2	57.2	
132	28.5	21.4	32.2	





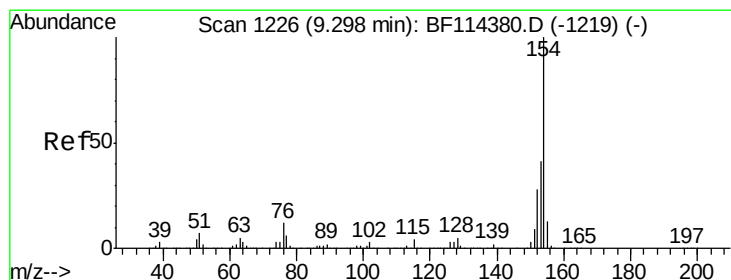
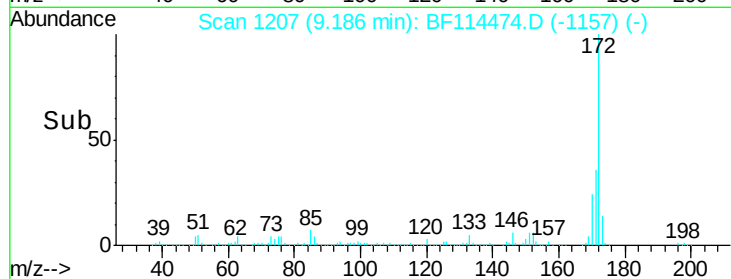
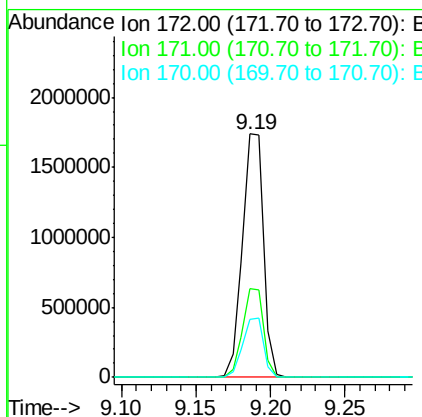
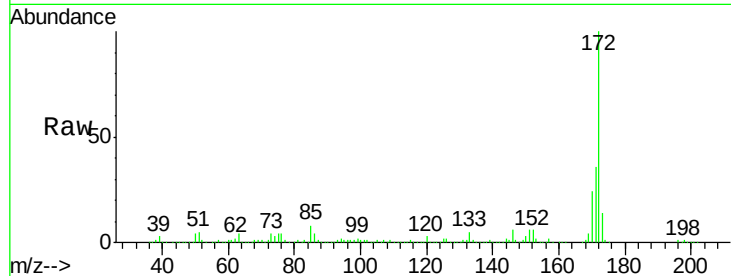
#45
2-Fluorobiphenyl
Concen: 81.204 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.0	20.5	30.7

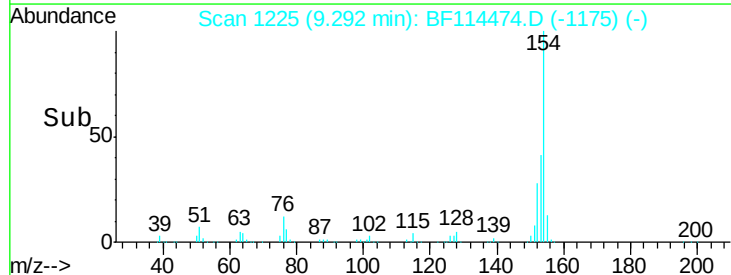
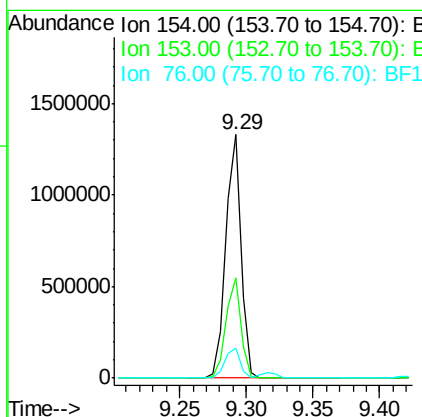
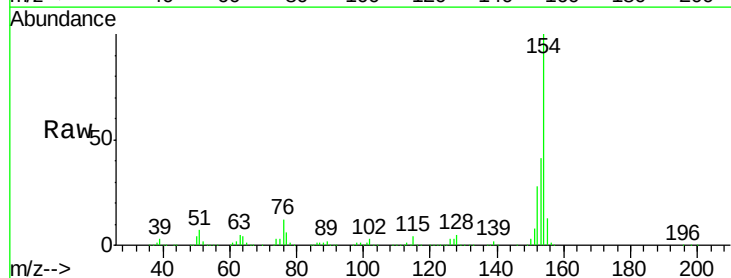
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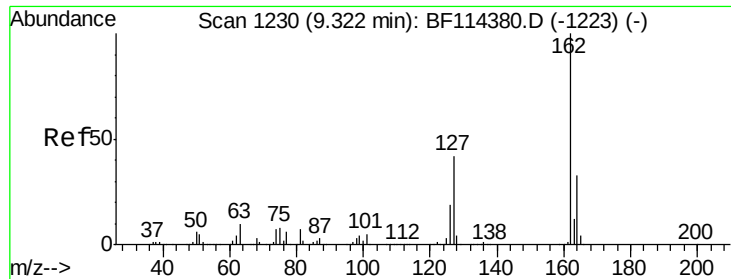
Sohil
5/23/2019 8:15:53 AM



#46
1,1'-Biphenyl
Concen: 42.165 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	12.1	0.0	32.8





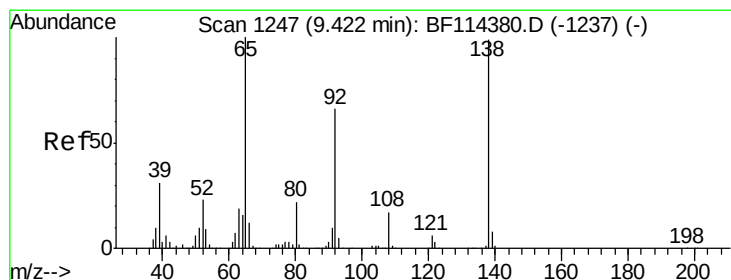
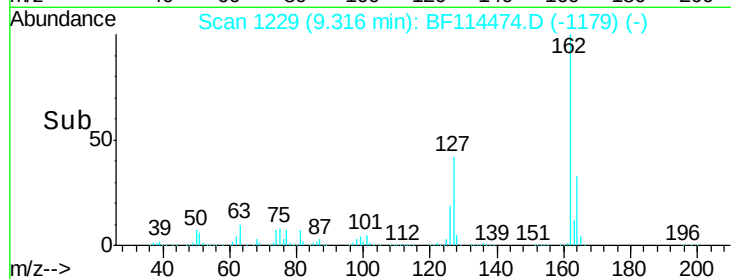
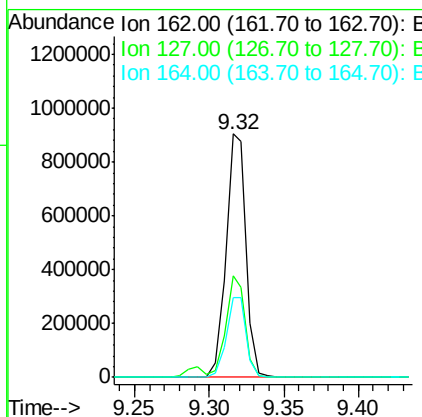
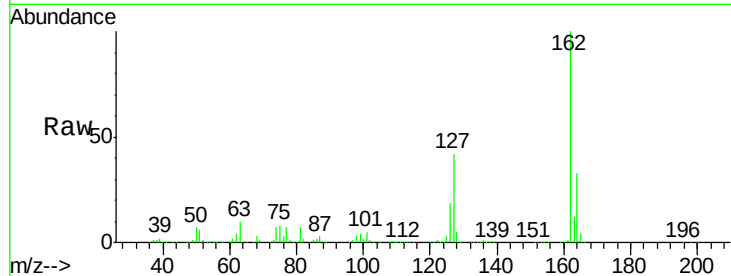
#47
 2-Chloronaphthalene
 Concen: 41.434 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	856799		
127	41.6	34.0	51.0	
164	32.9	26.7	40.1	

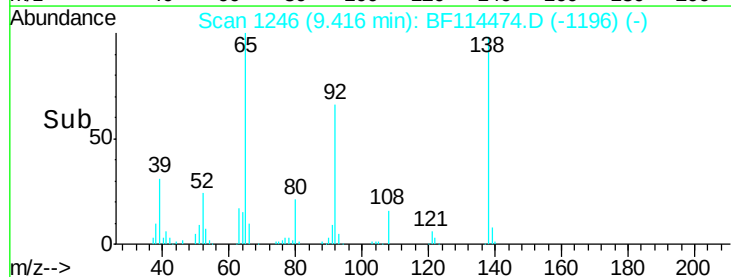
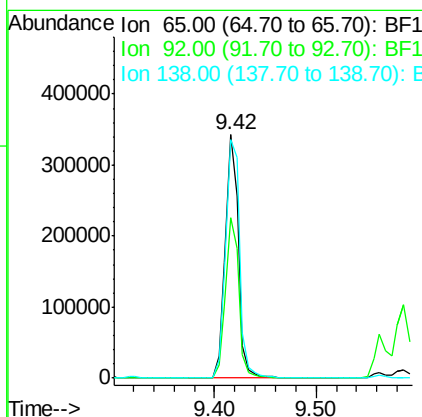
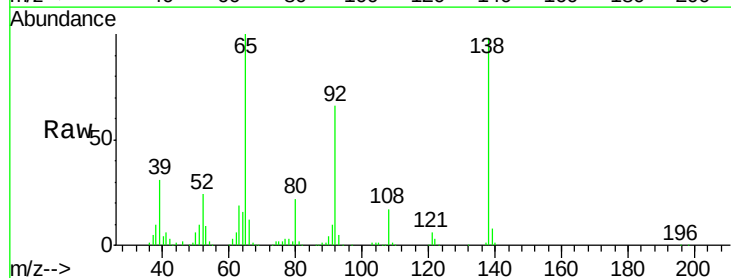
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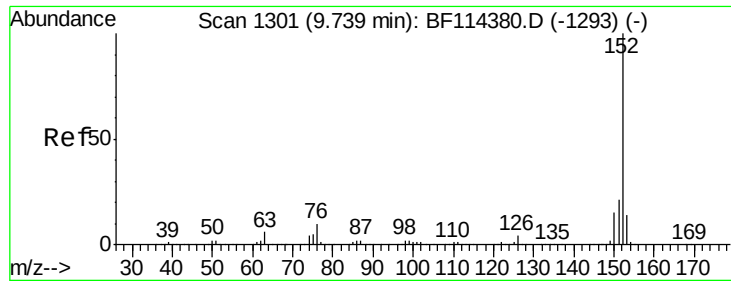
Sohil
 5/23/2019 8:15:53 AM



#48
 2-Nitroaniline
 Concen: 41.850 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	306913		
92	65.6	53.9	80.9	
138	98.0	81.4	122.0	





#49

Acenaphthylene

Concen: 41.042 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

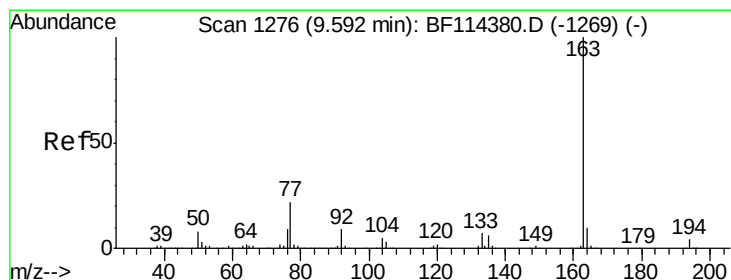
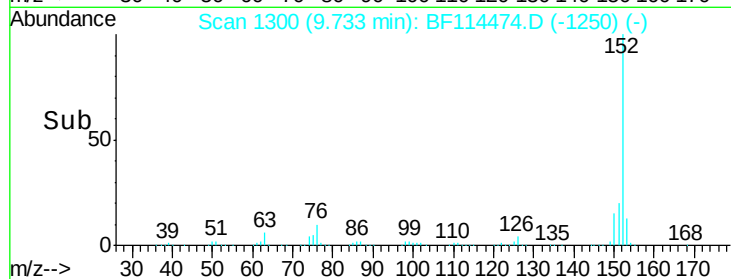
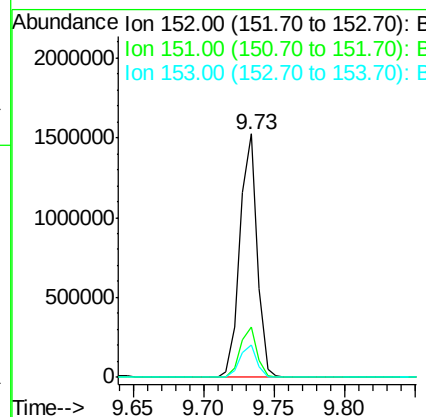
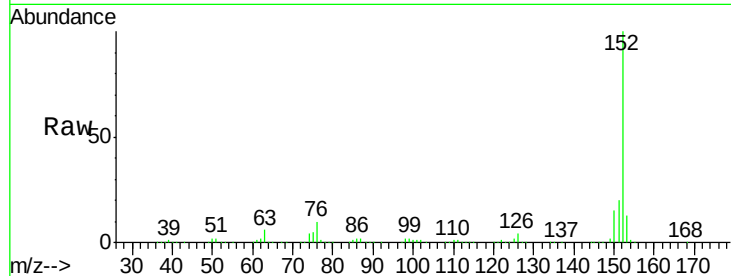
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	1290802
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	11.4	17.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.701 ng

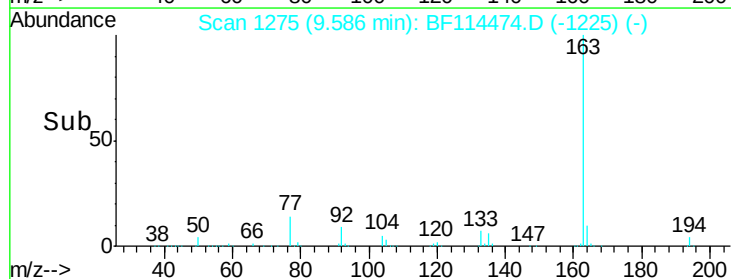
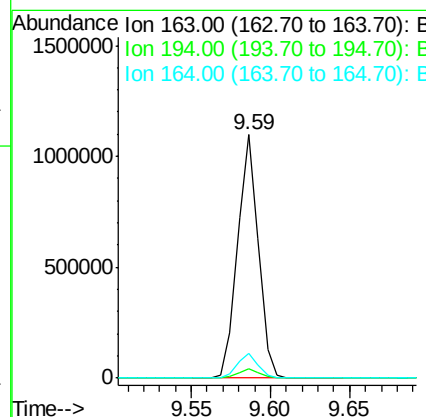
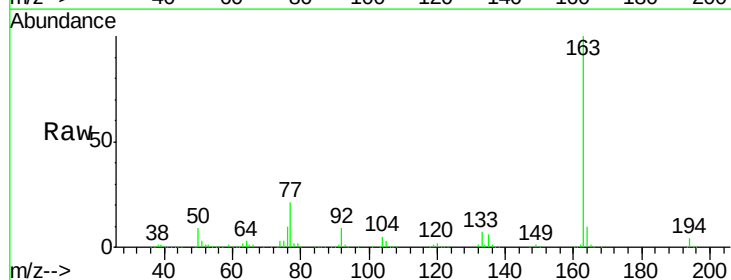
RT: 9.59 min Scan# 1275

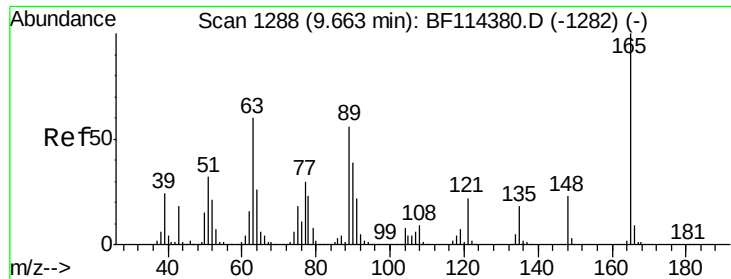
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	163	Resp:	996982
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	8.2	12.2





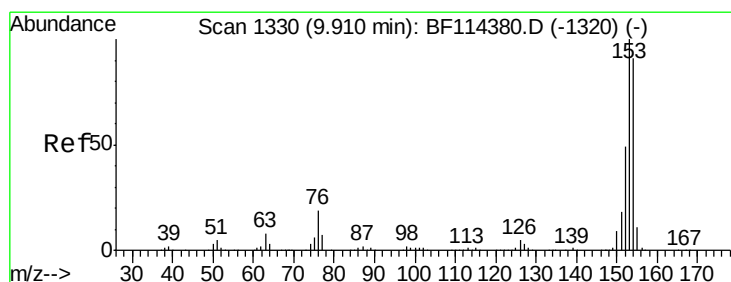
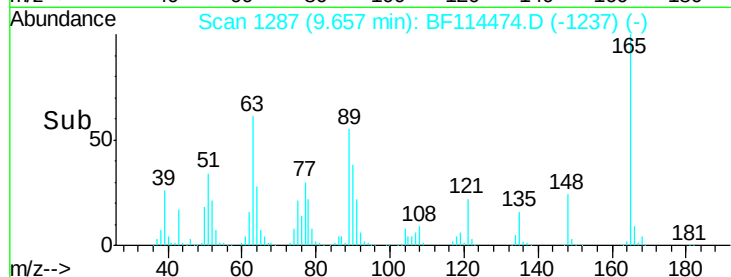
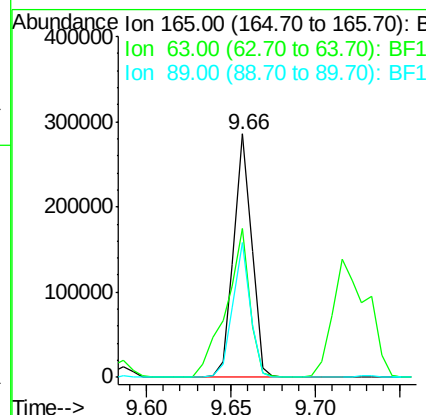
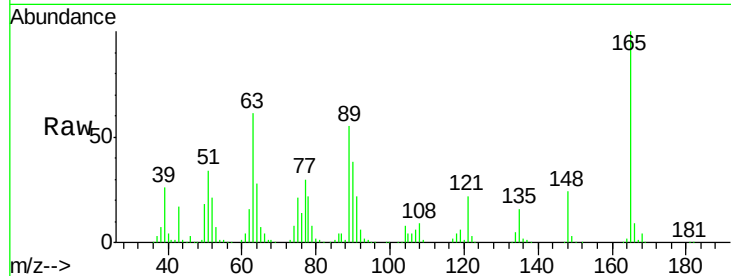
#51
 2,6-Dinitrotoluene
 Concen: 41.065 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212655		
63	61.4	50.2	75.4	
89	55.5	46.6	69.8	

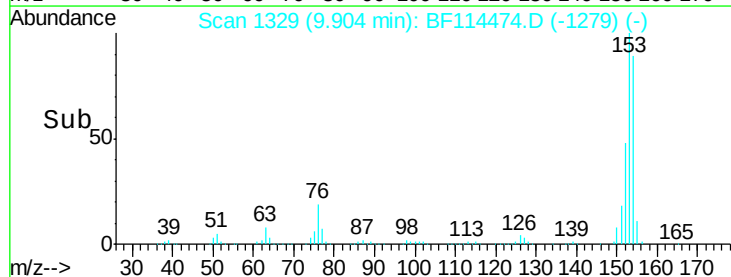
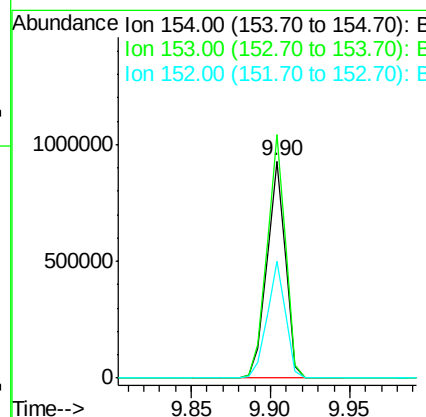
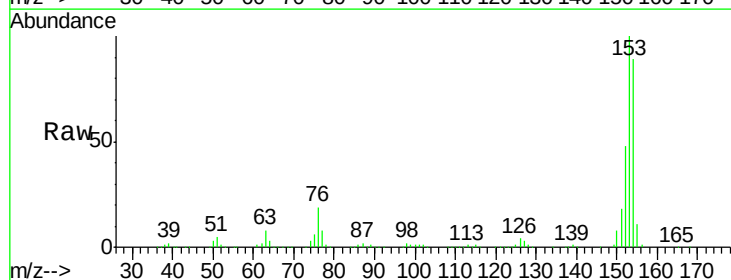
Manual Integrations
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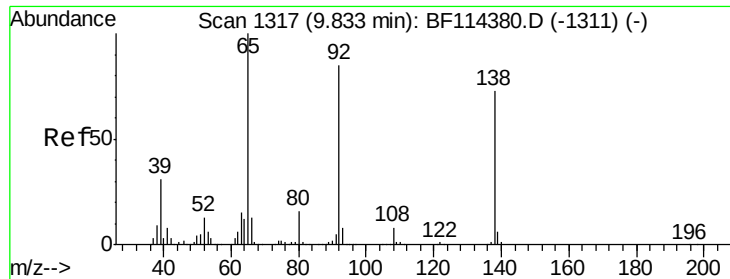
Sohil
 5/23/2019 8:15:53 AM



#52
 Acenaphthene
 Concen: 39.763 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	767410		
153	112.3	90.5	135.7	
152	53.9	43.4	65.2	





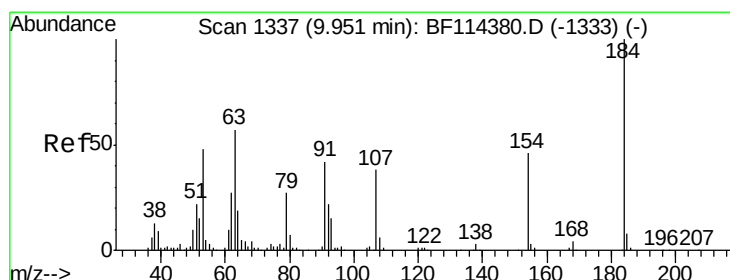
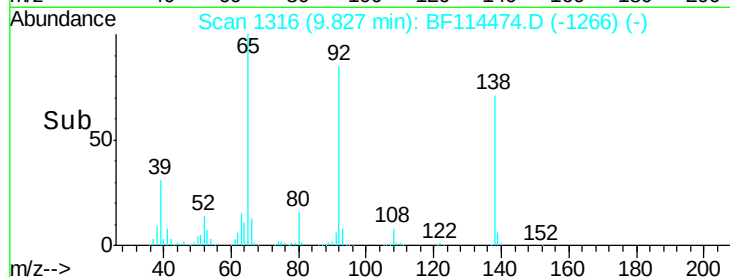
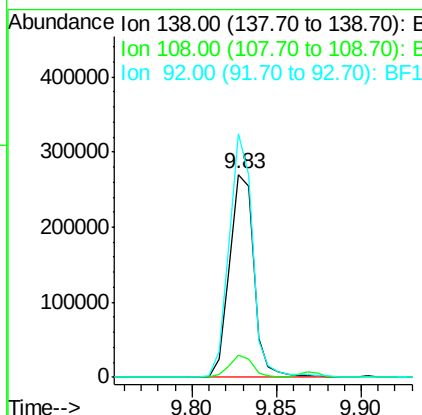
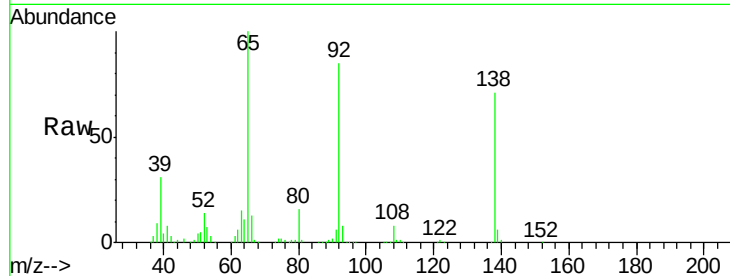
#53
3-Nitroaniline
Concen: 42.224 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.6
92	120.0	91.2	136.8

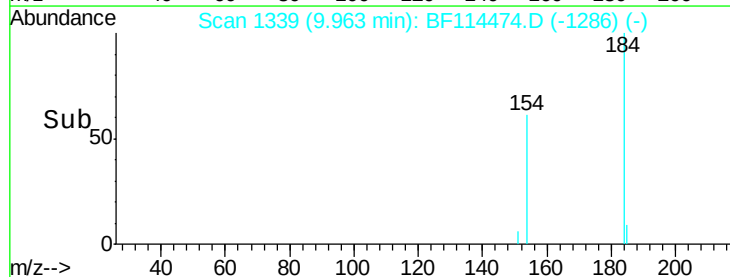
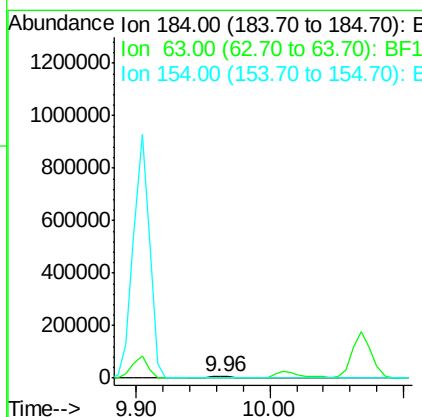
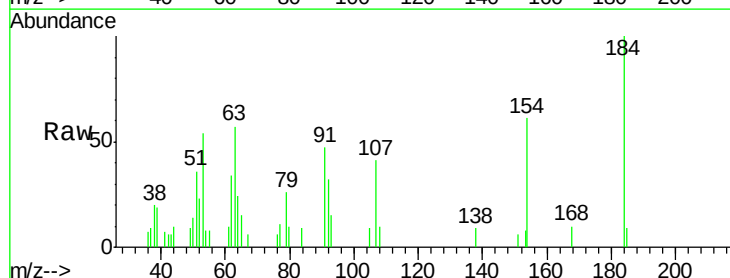
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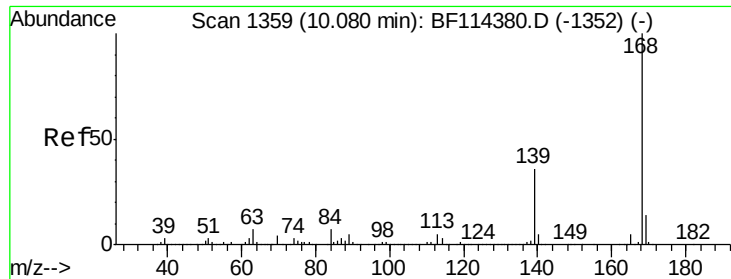
Sohil
5/23/2019 8:15:53 AM



#54
2,4-Dinitrophenol
Concen: 10.641 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	55.6	83.4
154	60.6	46.0	69.0





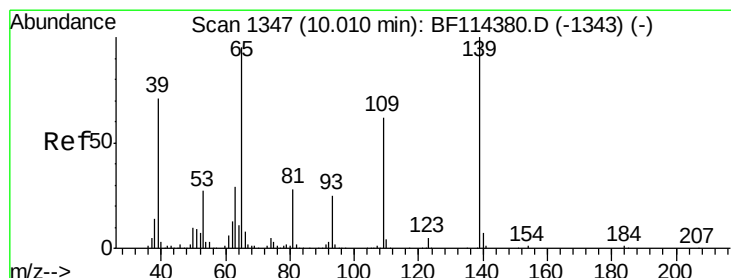
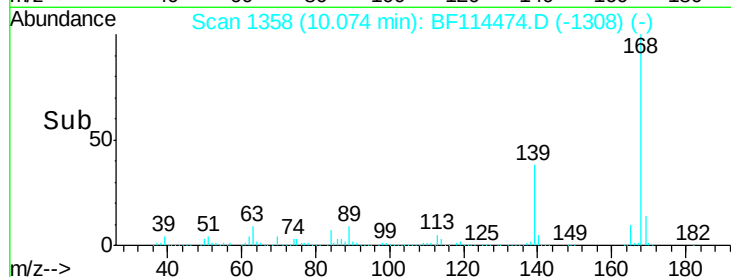
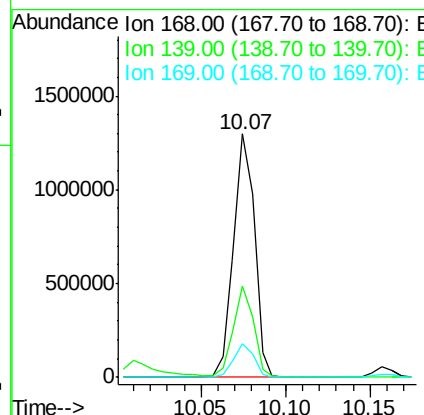
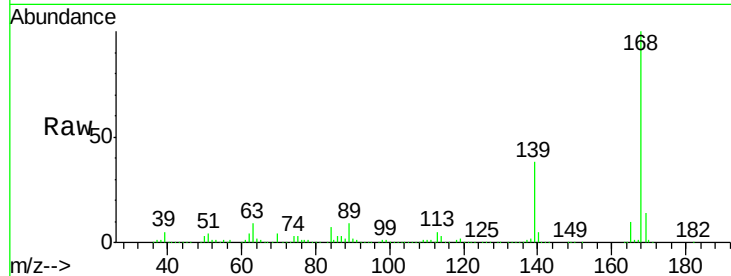
#55
Dibenzenofuran
Concen: 39.467 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1116898
Ion Ratio Lower Upper
168 100
139 37.6 31.1 46.7
169 13.7 11.4 17.0

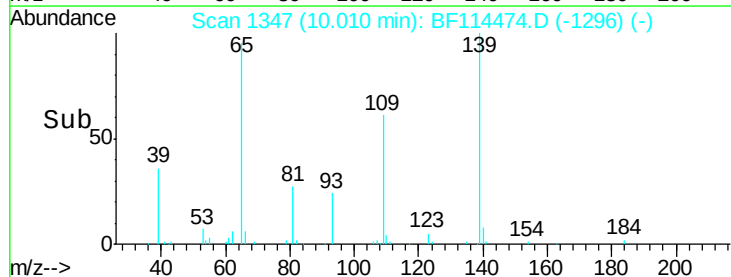
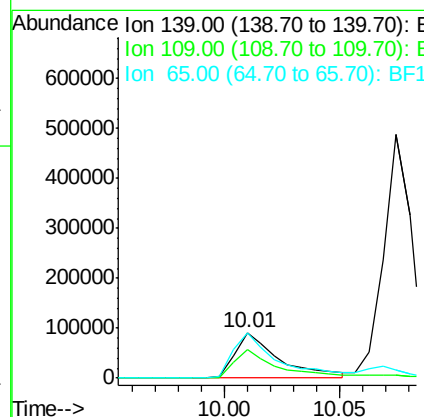
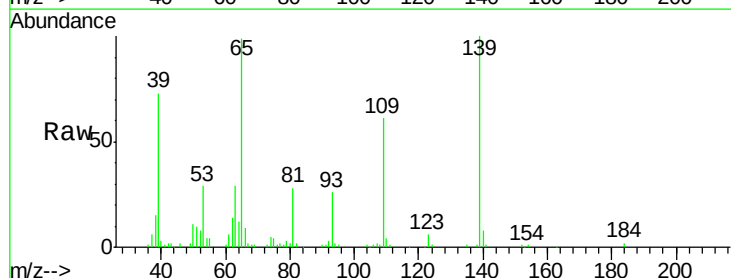
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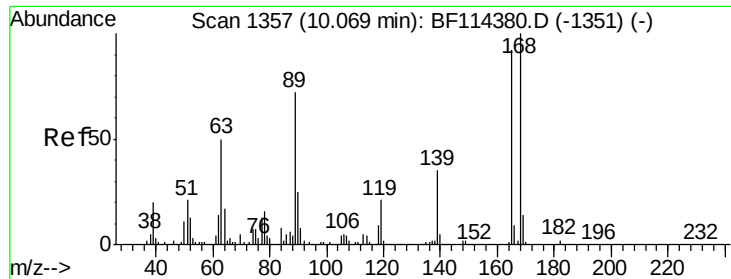
Sohil
5/23/2019 8:15:53 AM



#56
4-Nitrophenol
Concen: 27.008 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion:139 Resp: 122781
Ion Ratio Lower Upper
139 100
109 61.3 43.9 83.9
65 99.1 85.7 125.7





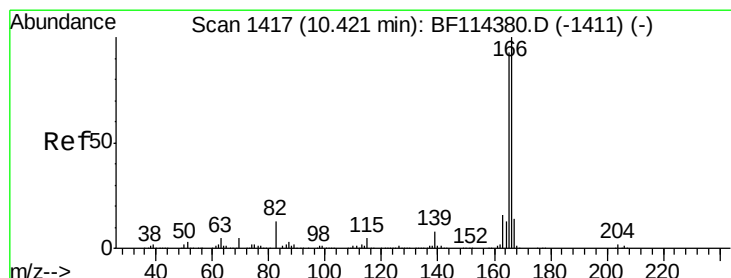
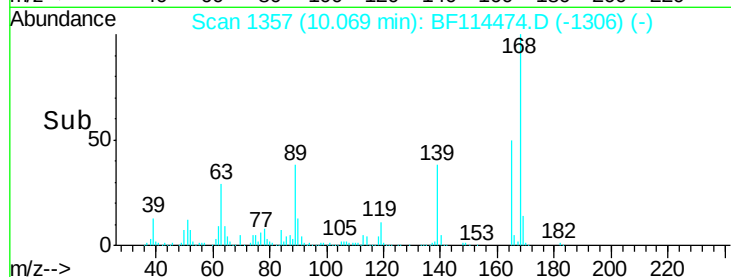
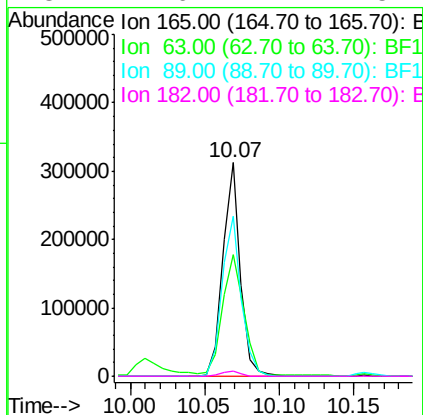
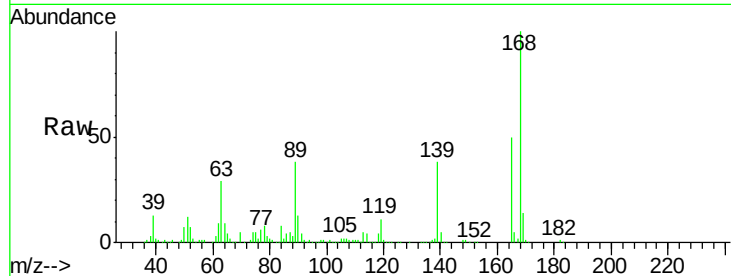
#57
 2,4-Dinitrotoluene
 Concen: 36.729 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.0	35.5	53.3#
89	75.1	55.2	82.8
182	2.6	2.2	3.2

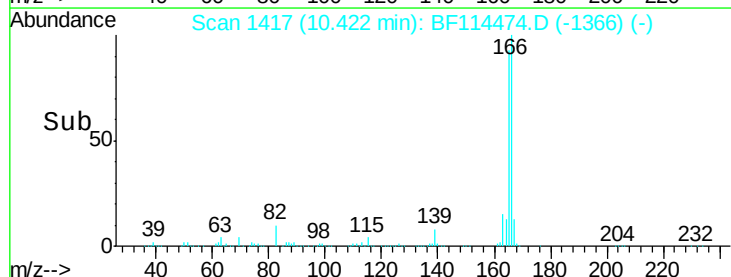
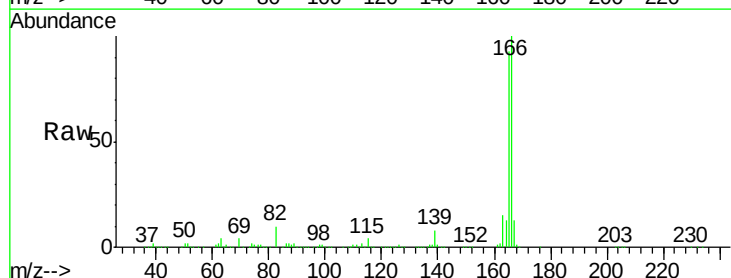
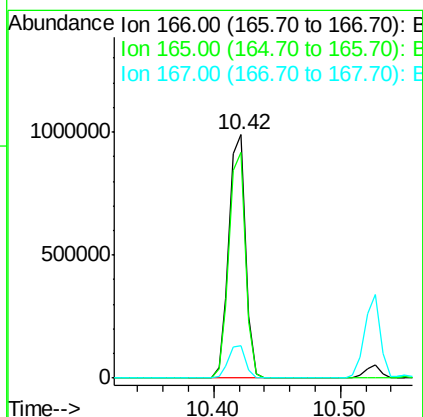
Manual Integrations
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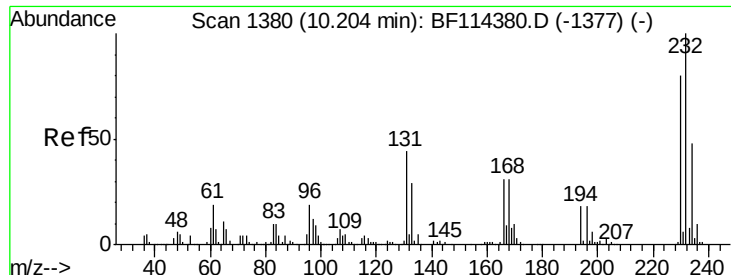
Sohil
 5/23/2019 8:15:53 AM



#58
 Fluorene
 Concen: 41.124 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	92.6	76.1	114.1
167	13.2	11.1	16.7





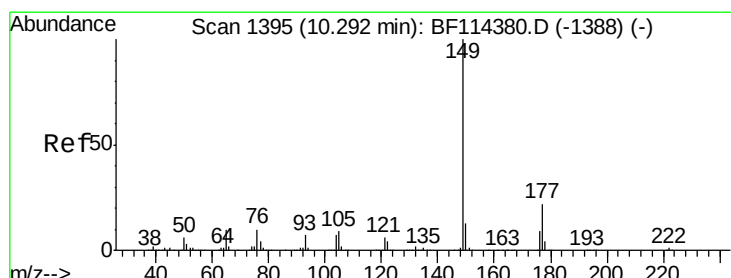
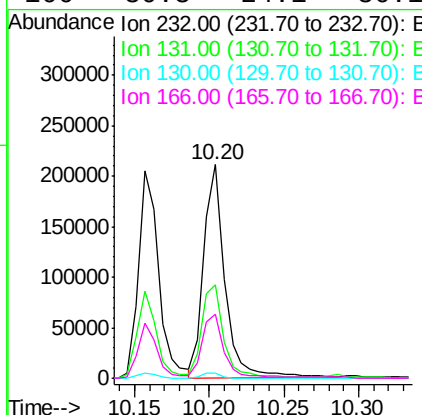
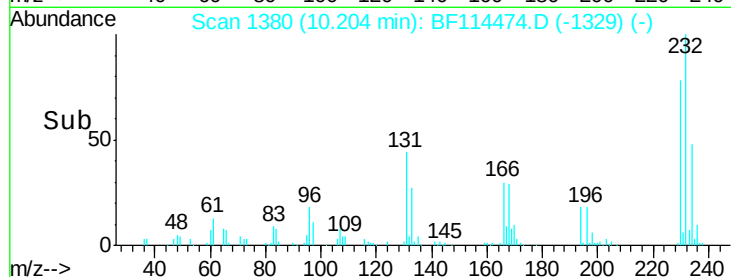
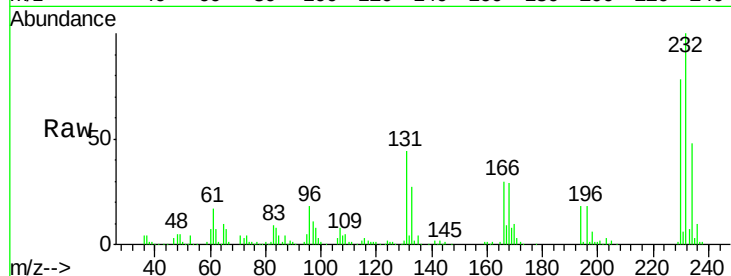
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.031 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	45.9	35.6	53.4
130	2.3	1.6	2.4
166	30.3	24.1	36.1

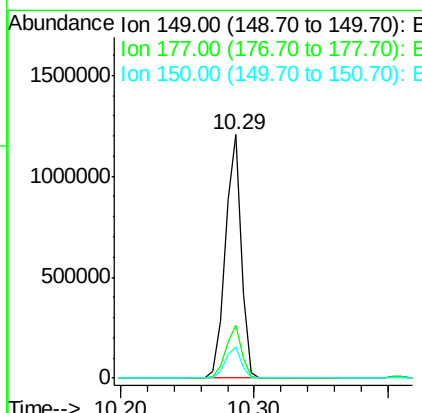
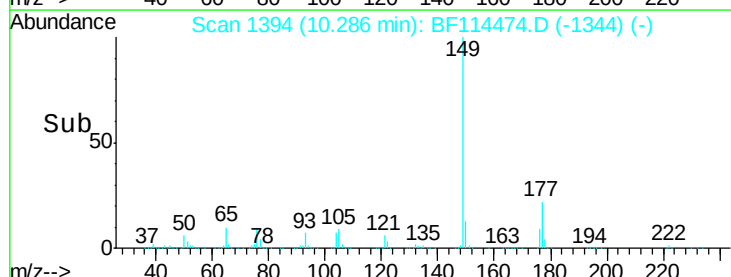
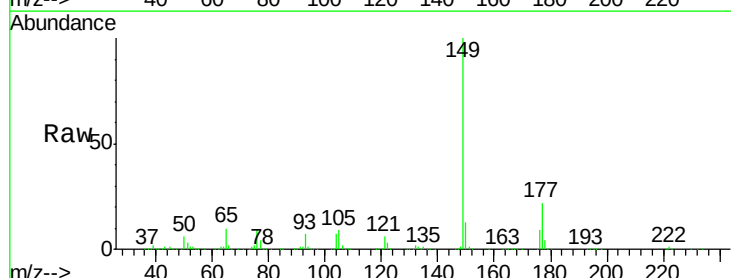
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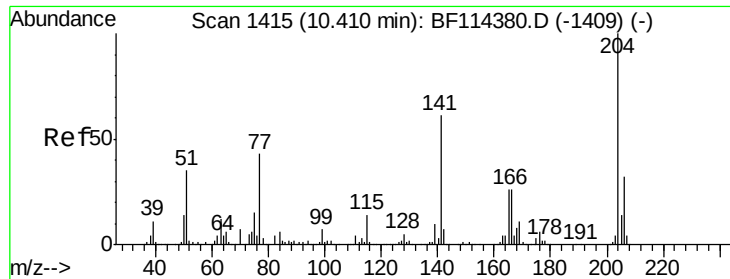
Sohil
 5/23/2019 8:15:53 AM



#60
 Diethylphthalate
 Concen: 42.474 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	17.8	26.6
150	12.6	10.2	15.2





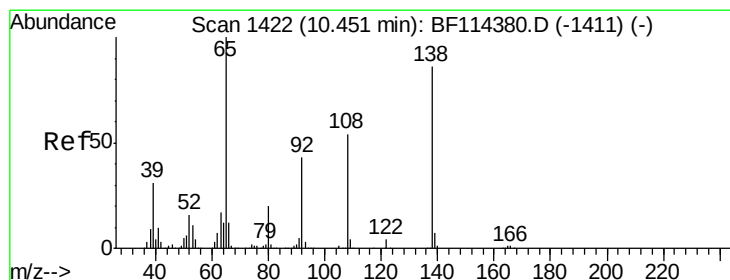
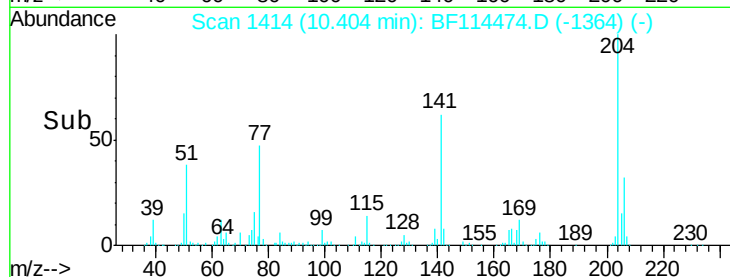
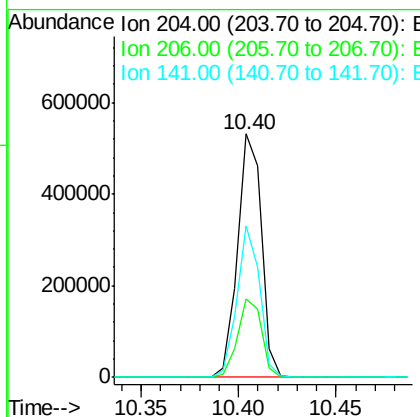
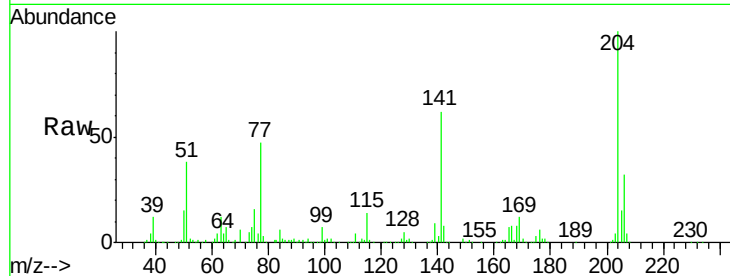
#61
4-Chlorophenyl-phenylether
Concen: 41.977 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	62.2	46.4	69.6

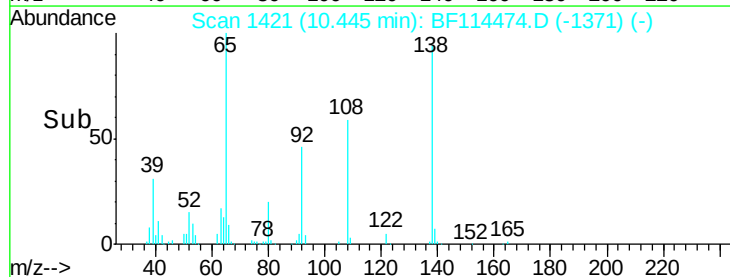
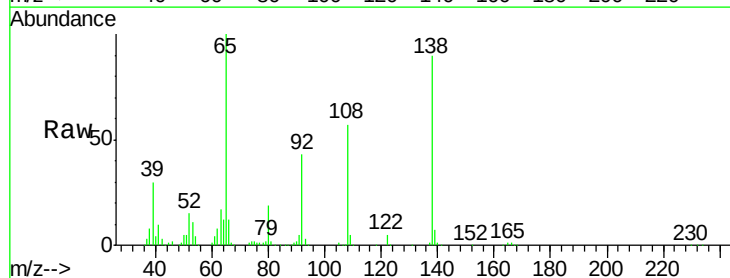
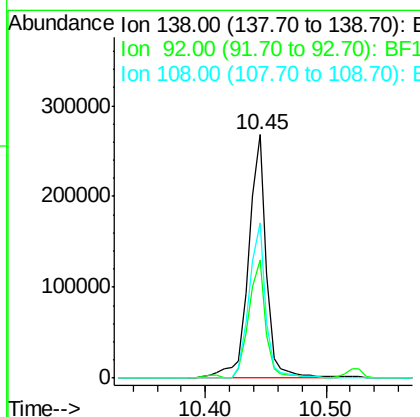
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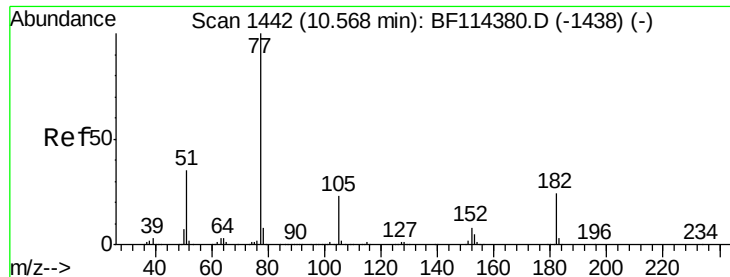
Sohil
5/23/2019 8:15:53 AM



#62
4-Nitroaniline
Concen: 40.937 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	33.0	73.0
108	63.9	44.9	84.9





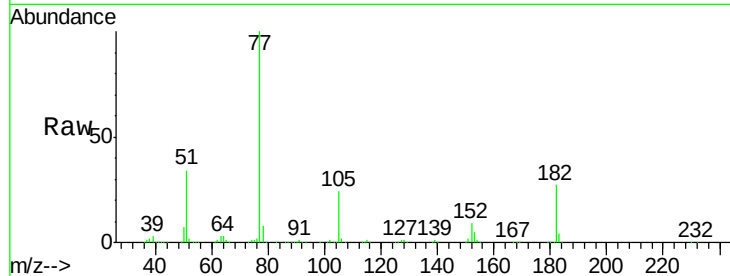
#63
Azobenzene
Concen: 39.143 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.7	44.7
105	23.7	2.9	42.9
51	33.5	14.6	54.6

Manual Integrations
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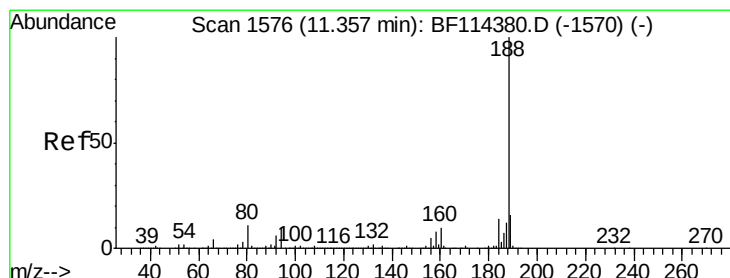
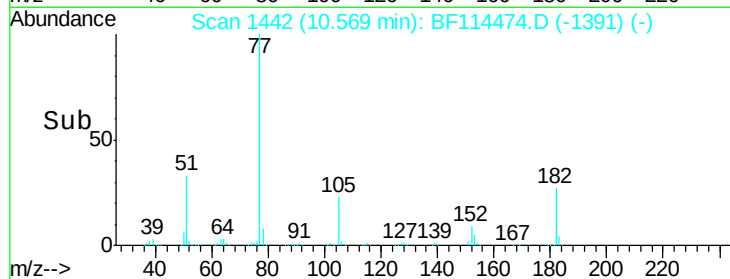
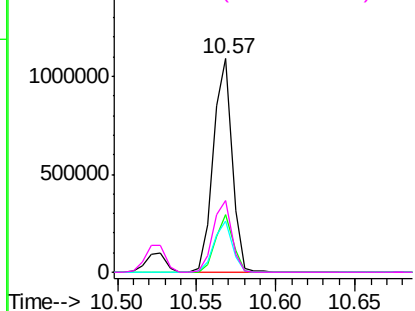


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

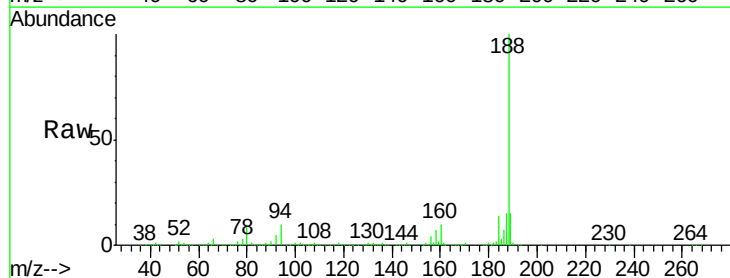
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

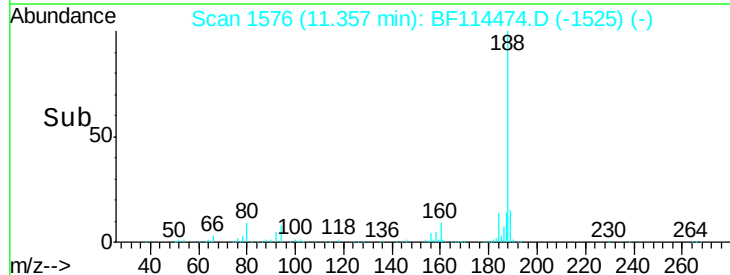
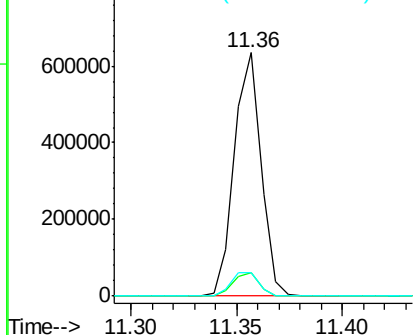
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	9.6	9.2	13.8

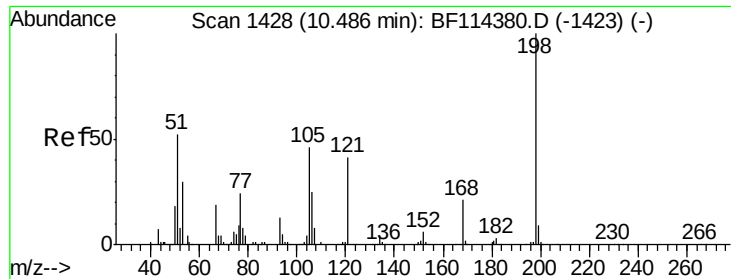


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





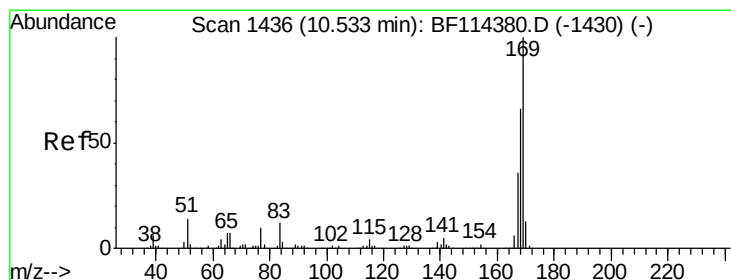
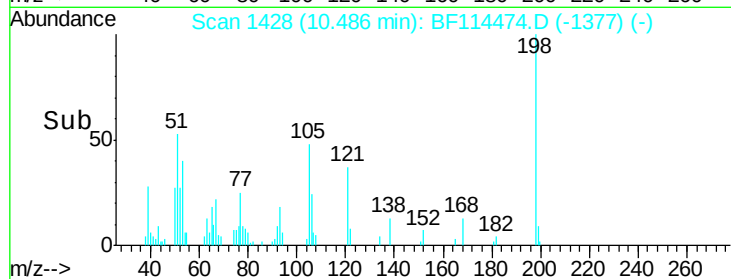
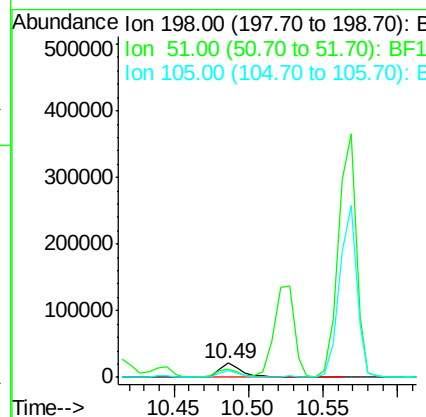
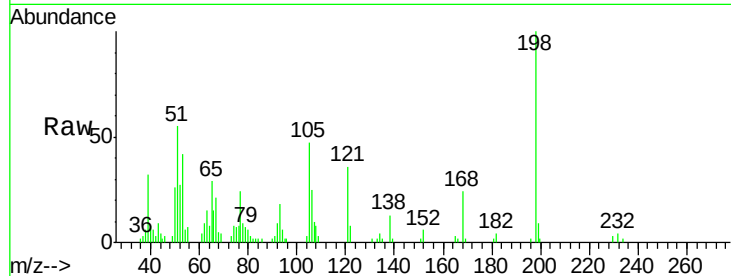
#65
4,6-Dinitro-2-methylphenol
Concen: 8.106 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.7	28.0	68.0
105	46.9	21.1	61.1

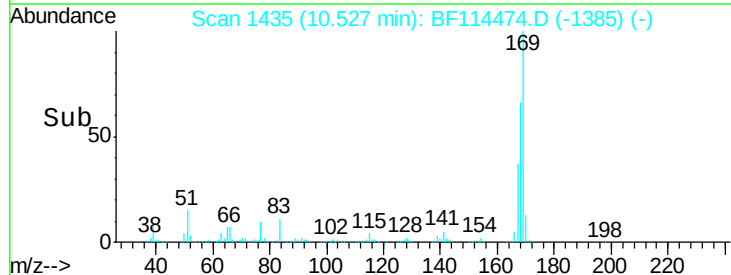
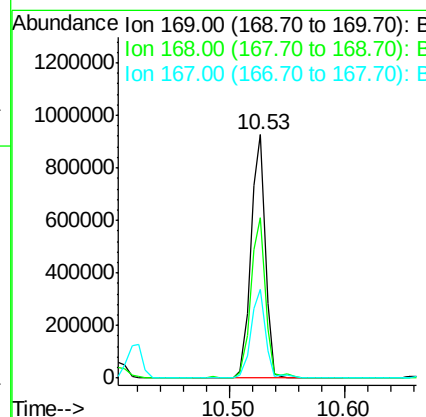
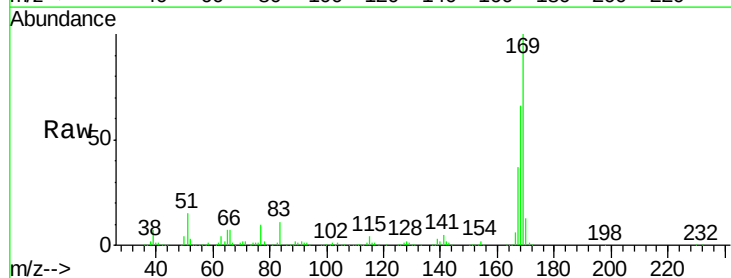
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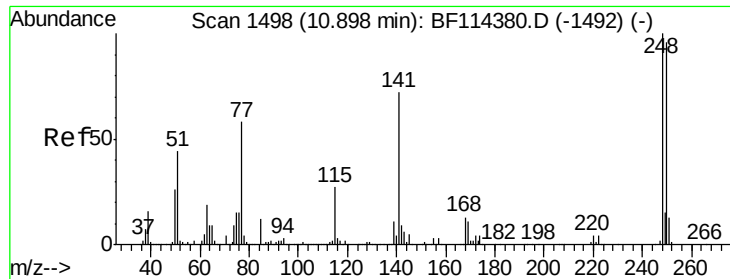
Sohil
5/23/2019 8:15:53 AM



#66
n-Nitrosodiphenylamine
Concen: 47.049 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	54.2	81.2
167	36.7	29.8	44.8





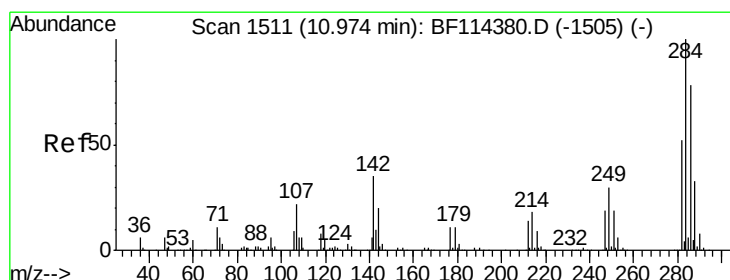
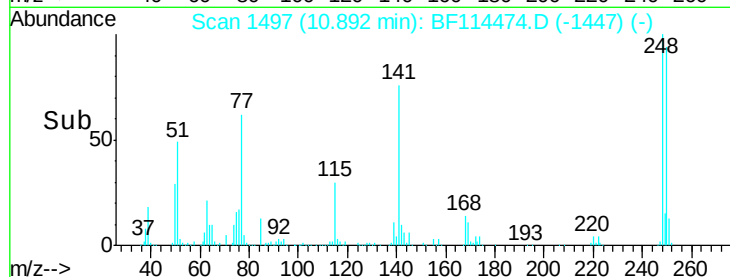
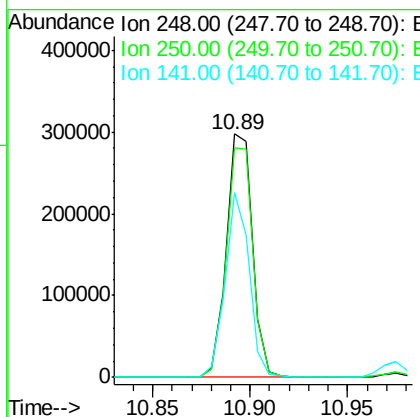
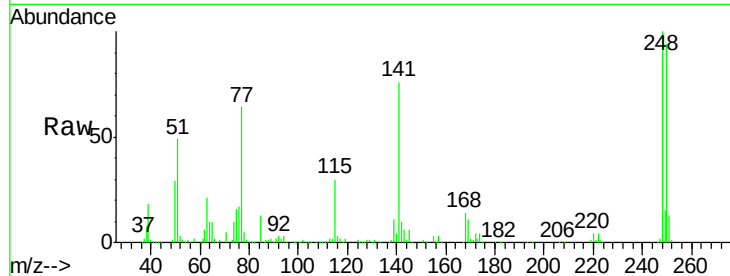
#67
 4-Bromophenyl-phenylether
 Concen: 45.050 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.4	116.2
141	76.0	55.6	83.4

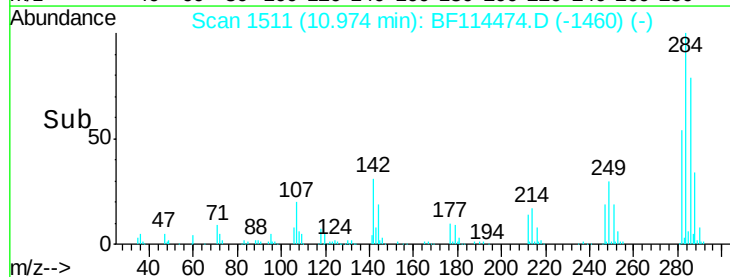
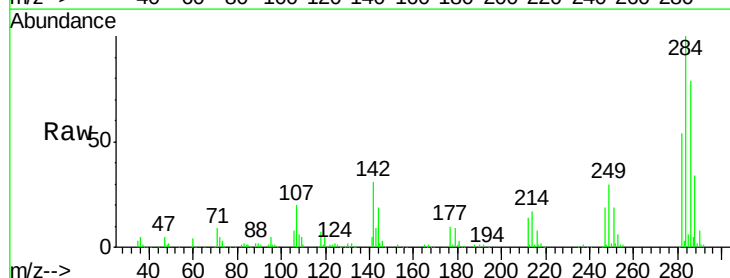
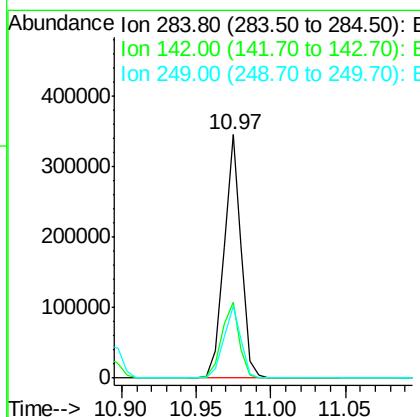
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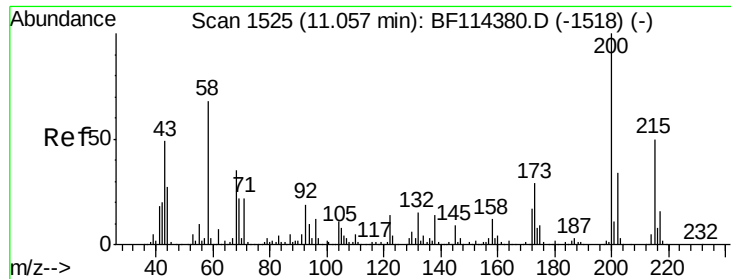
Sohil
 5/23/2019 8:15:53 AM



#68
 Hexachlorobenzene
 Concen: 41.133 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	28.4	42.6
249	29.8	25.2	37.8





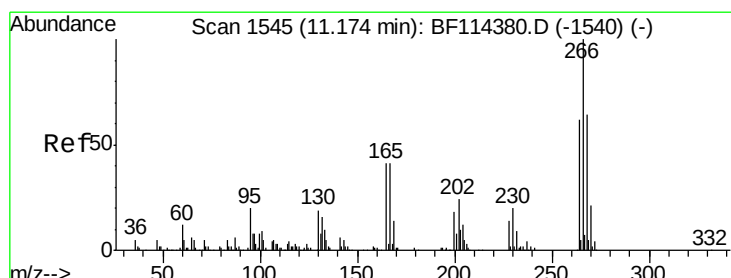
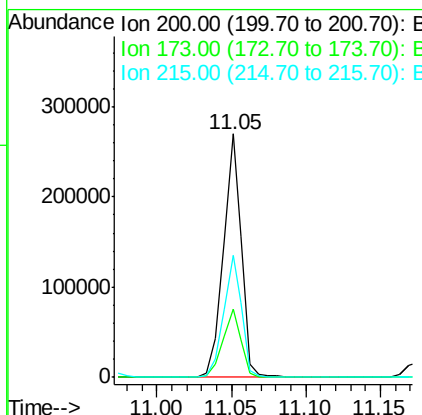
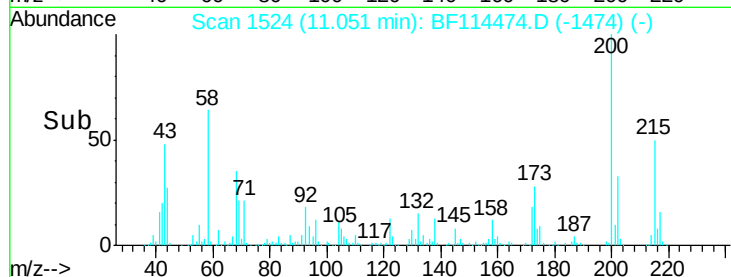
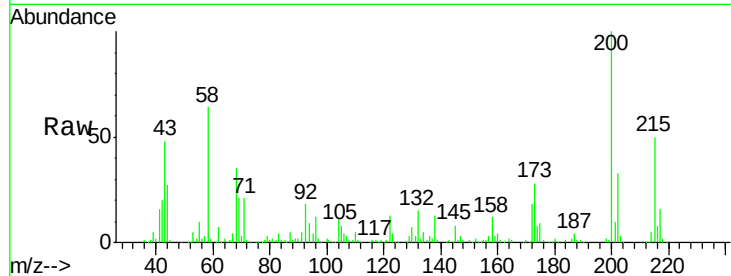
#69
Atrazine
Concen: 43.705 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229620		
173	28.2	8.9	48.9	
215	50.3	30.7	70.7	

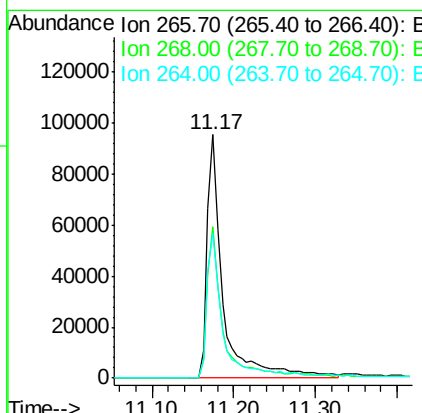
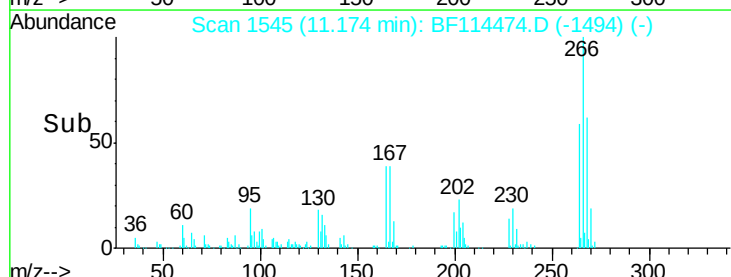
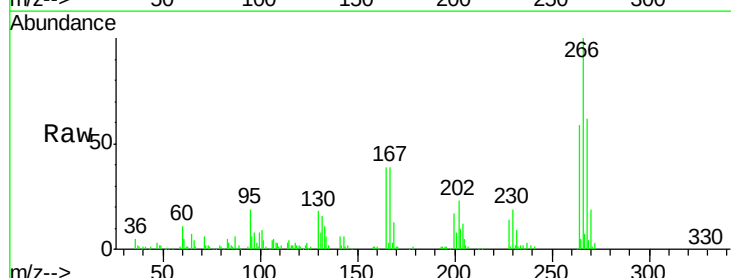
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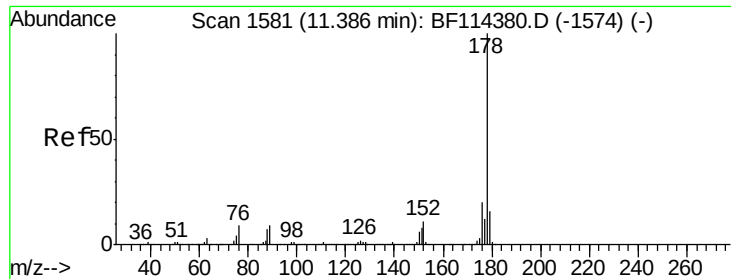
Sohil
5/23/2019 8:15:53 AM



#70
Pentachlorophenol
Concen: 40.744 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	130866		
268	62.0	51.1	76.7	
264	59.4	51.1	76.7	





#71

Phenanthrene

Concen: 42.085 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1138959

Ion Ratio Lower Upper

178 100

176 19.3 16.4 24.6

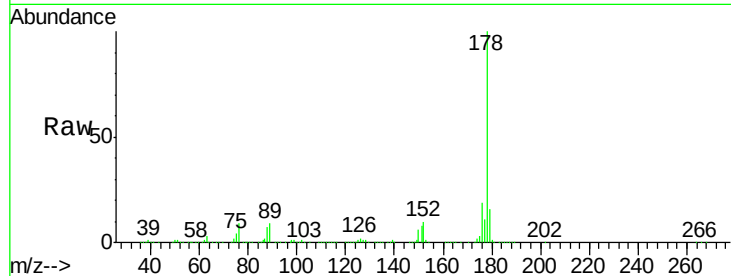
179 15.7 13.2 19.8

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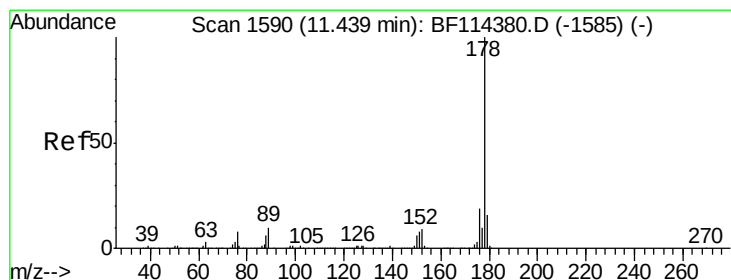
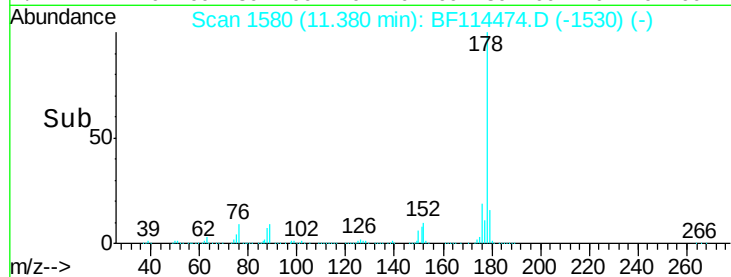
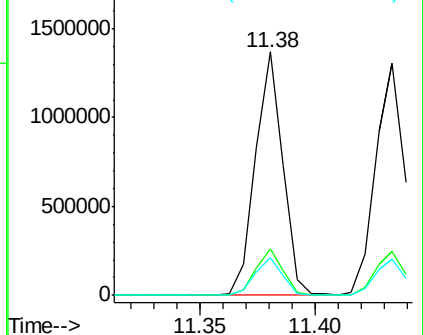
5/23/2019 8:15:53 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.218 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:178 Resp: 1147584

Ion Ratio Lower Upper

178 100

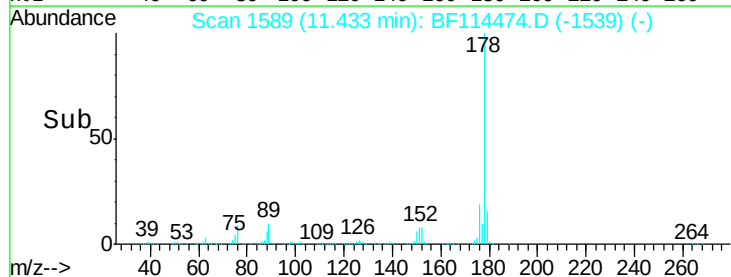
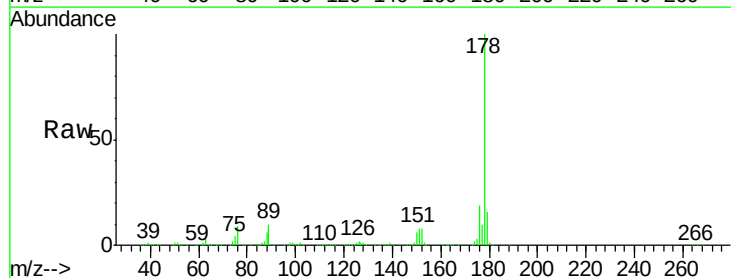
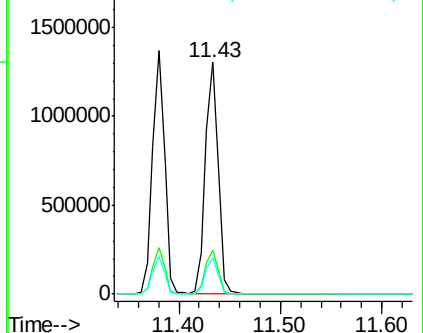
176 19.0 15.8 23.8

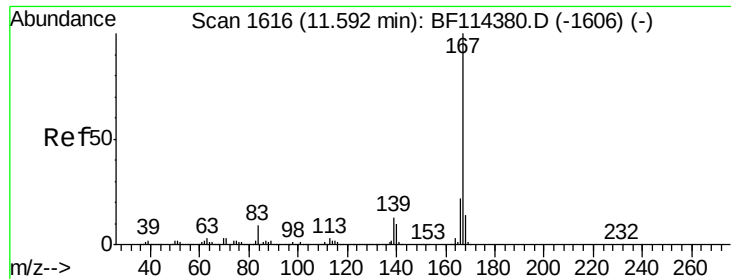
179 15.9 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.958 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion:167 Resp: 1061675

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

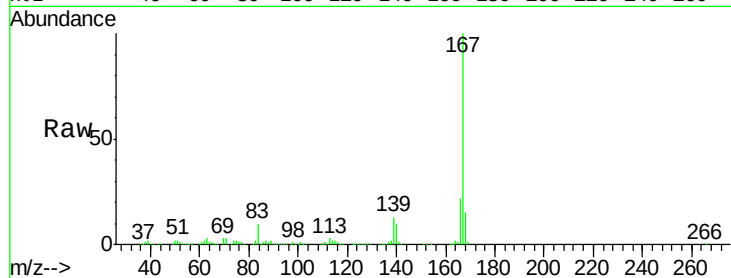
139 13.0 10.6 16.0

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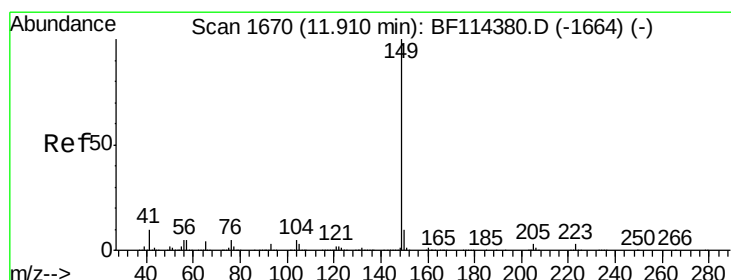
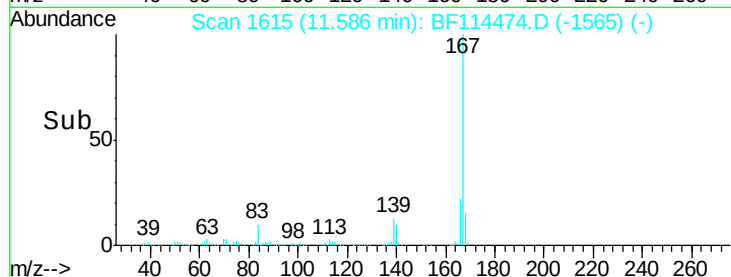
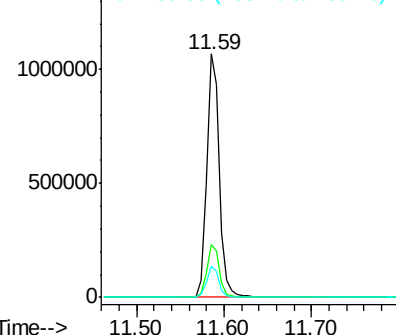
5/23/2019 8:15:53 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.597 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

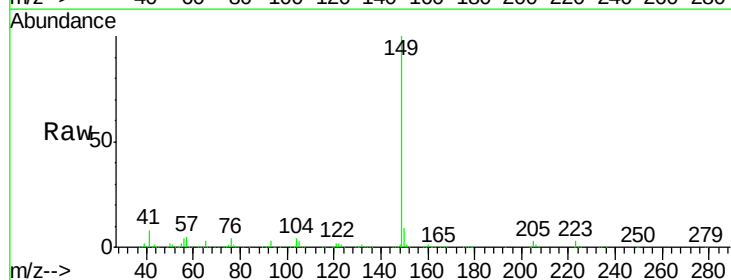
Tgt Ion:149 Resp: 1481137

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

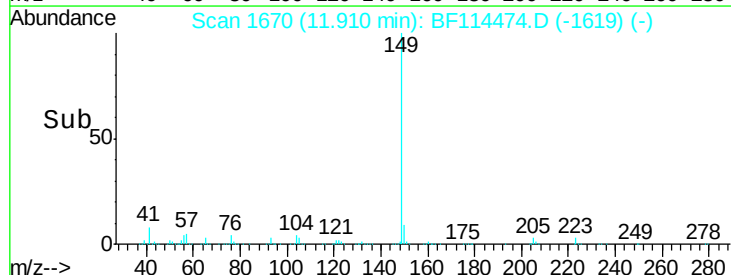
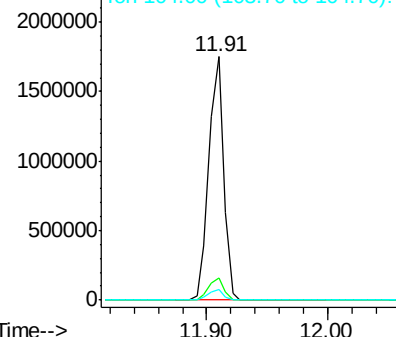
104 4.4 3.6 5.4

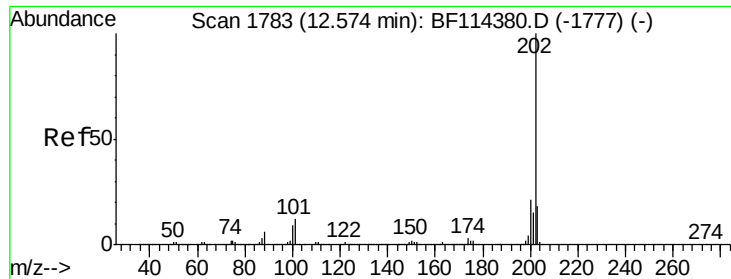


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.110 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

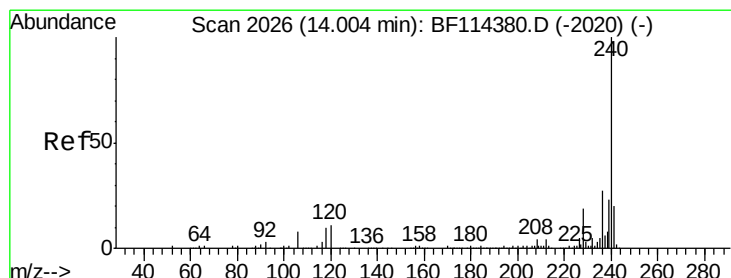
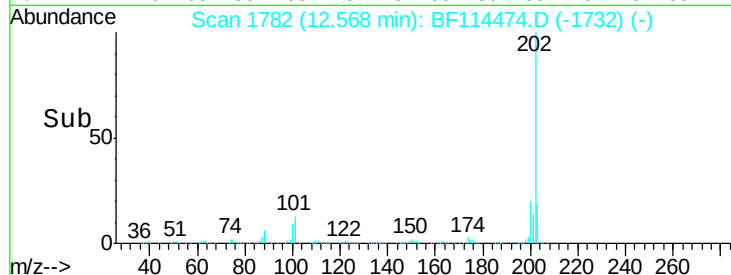
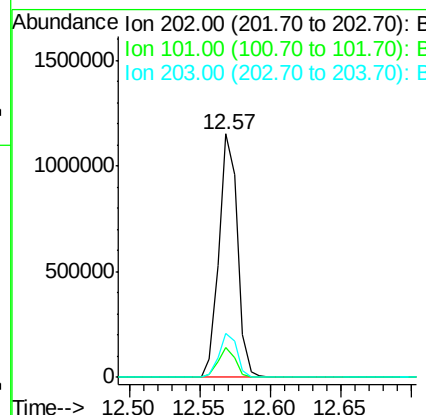
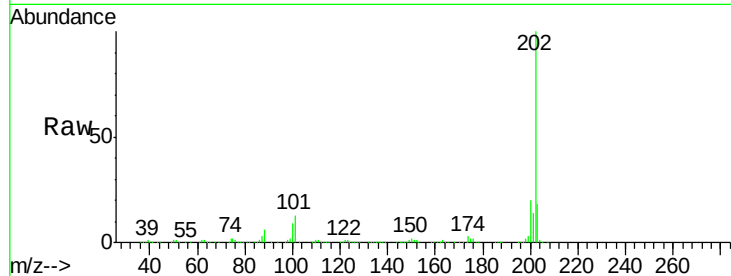
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	1052363
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.0
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

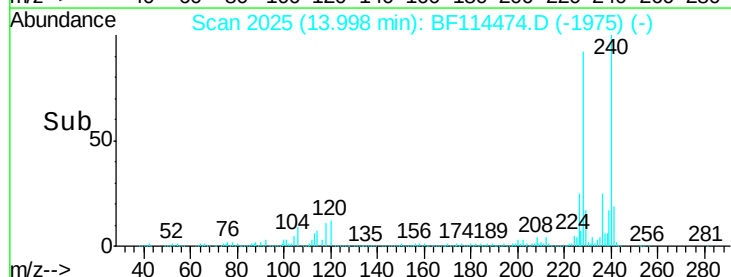
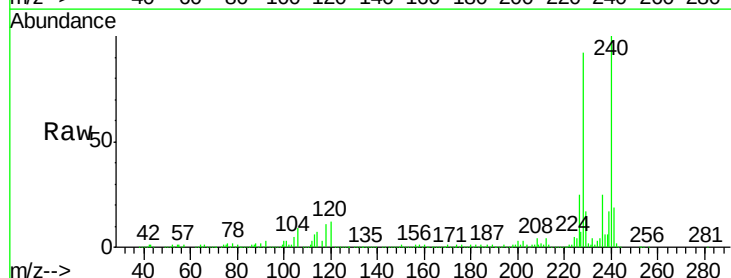
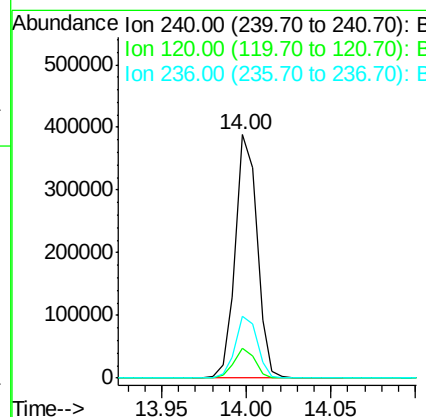
RT: 14.00 min Scan# 2025

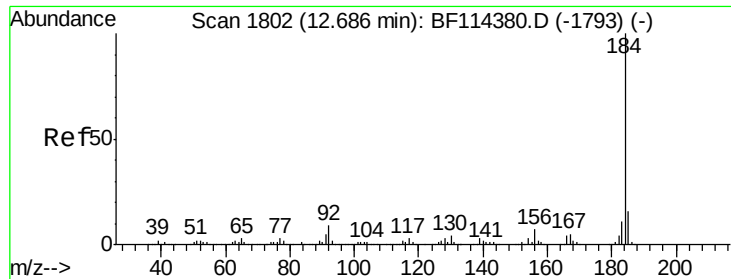
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	240	Resp:	348711
Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	25.2	20.8	31.2





#77

Benzidine

Concen: 36.860 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

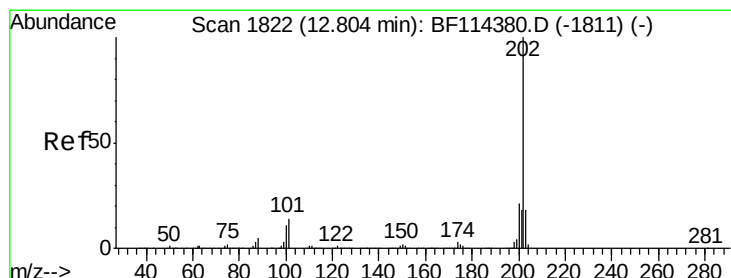
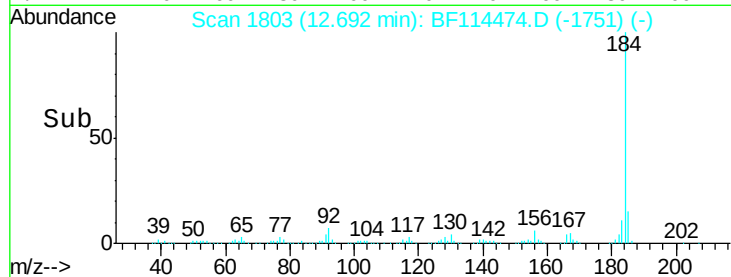
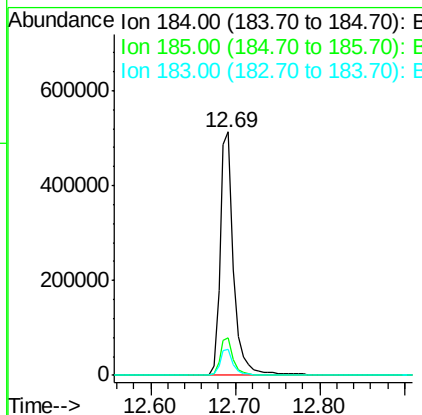
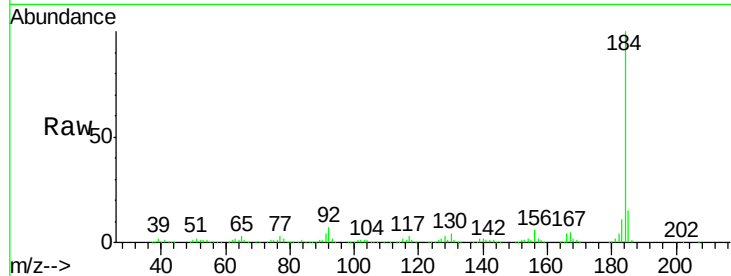
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	576970
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	10.7	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 37.671 ng

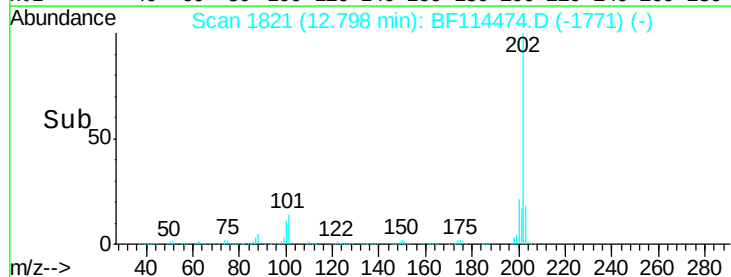
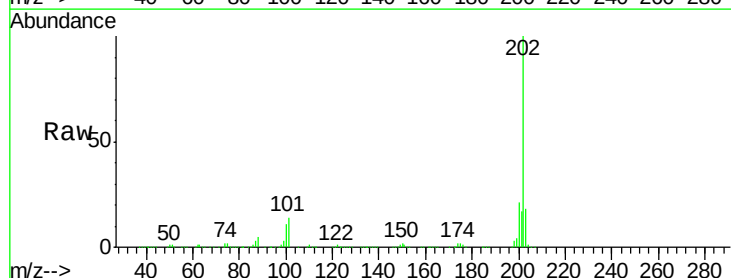
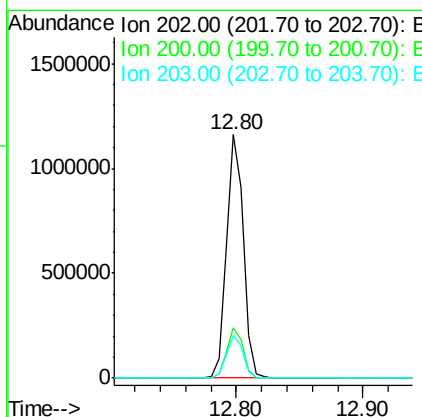
RT: 12.80 min Scan# 1821

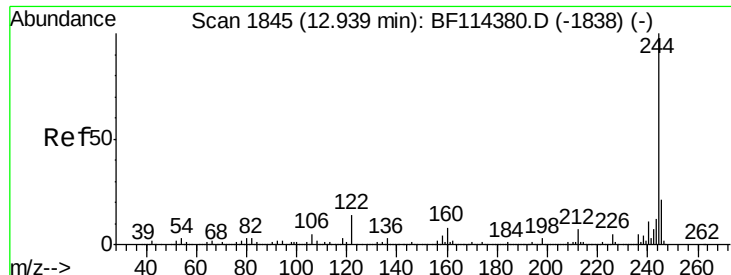
Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	202	Resp:	1056740
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.6	14.5	21.7





#79

Terphenyl-d14

Concen: 81.844 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

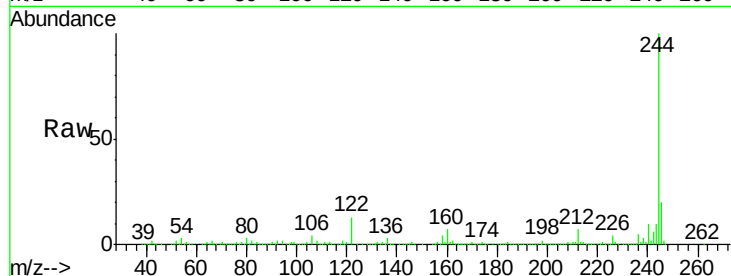
ClientSampleId :

SSTDCCC040

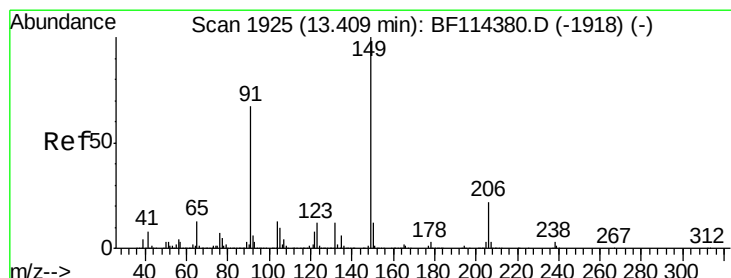
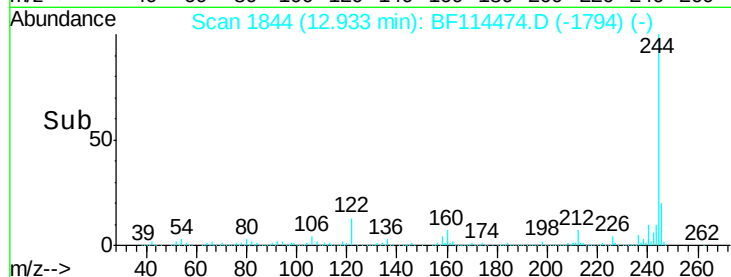
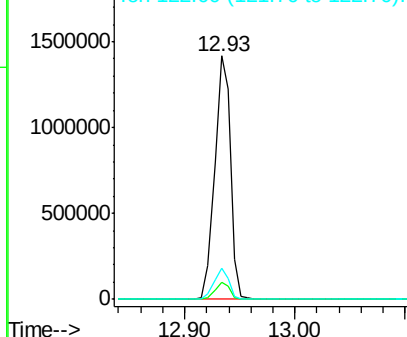
Tgt Ion:	244	Resp:	1384471
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	12.9	9.4	14.2

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



#80

Butylbenzylphthalate

Concen: 42.251 ng

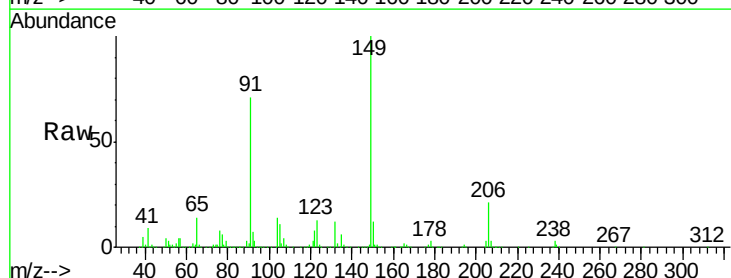
RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

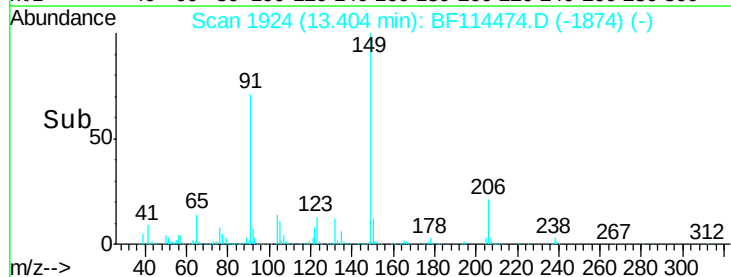
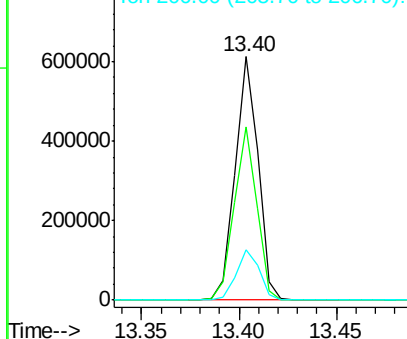
Lab File: BF114474.D

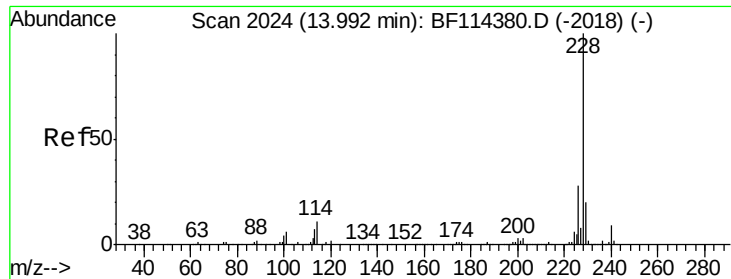
Acq: 22 May 2019 00:14

Tgt Ion:	149	Resp:	498868
Ion Ratio	Lower	Upper	
149	100		
91	71.2	55.0	82.4
206	20.9	16.9	25.3



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





#81

Benzo(a)anthracene

Concen: 42.748 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

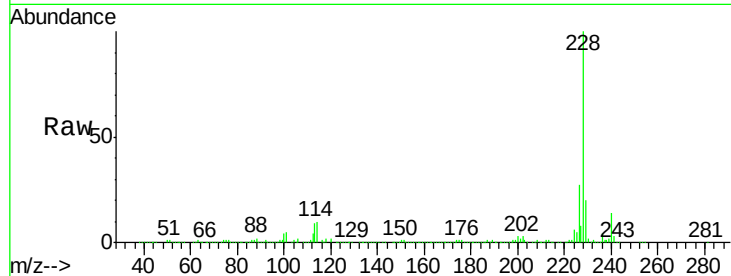
ClientSampleId :

SSTDCCC040

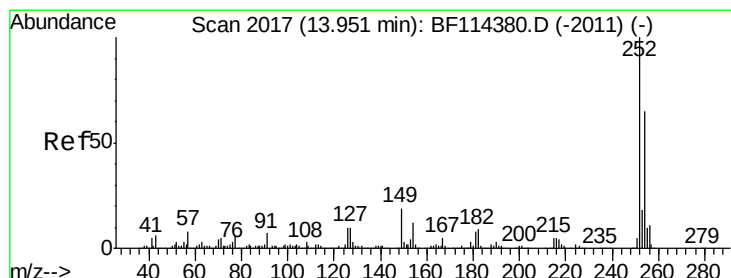
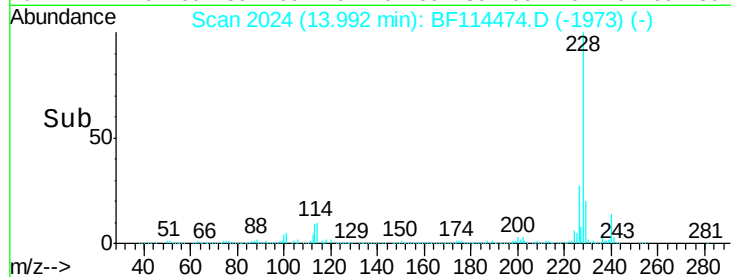
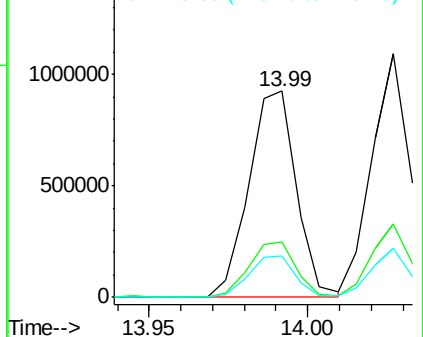
Tgt Ion:	228	Resp:	964165
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.2	33.2
229	19.9	16.4	24.6

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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: 43.611 ng

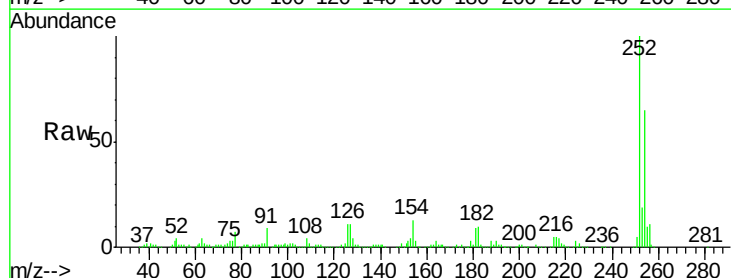
RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

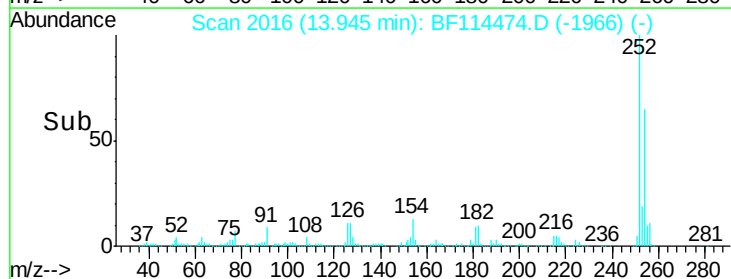
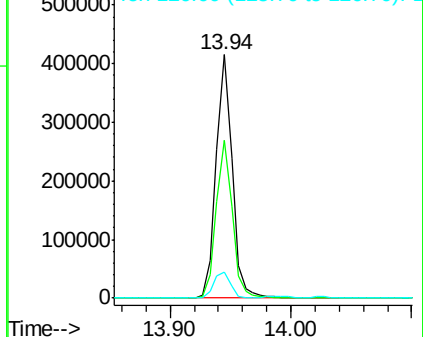
Lab File: BF114474.D

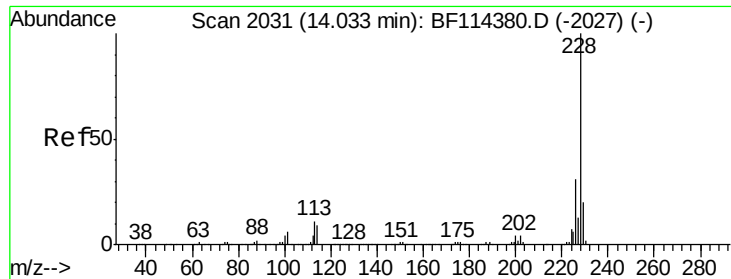
Acq: 22 May 2019 00:14

Tgt Ion:	252	Resp:	381576
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.9	77.9
126	10.8	7.9	11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





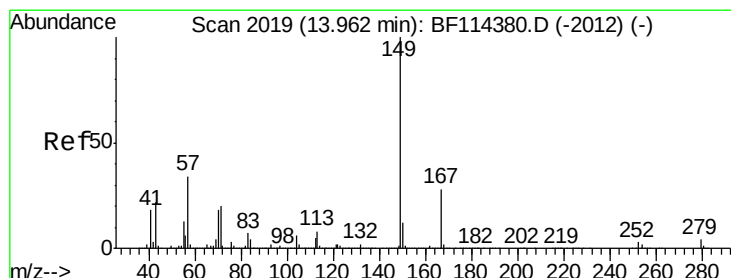
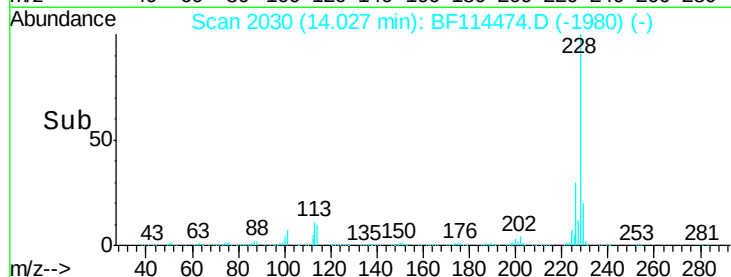
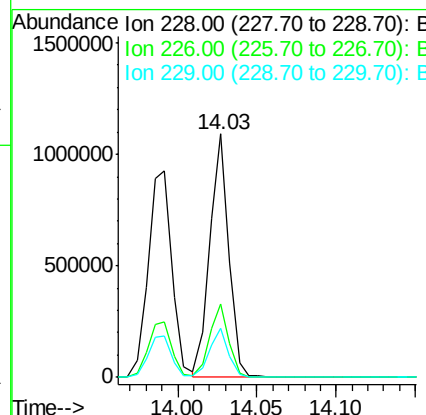
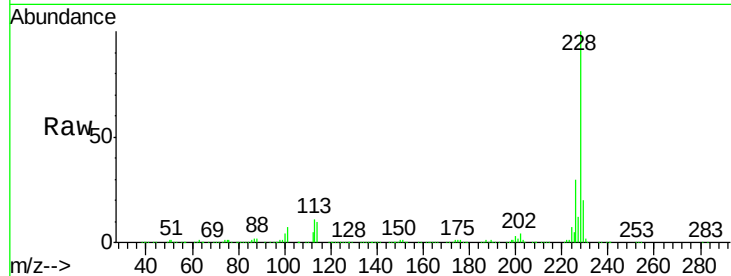
#83
Chrysene
 Concen: 41.628 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.1	17.0	25.6

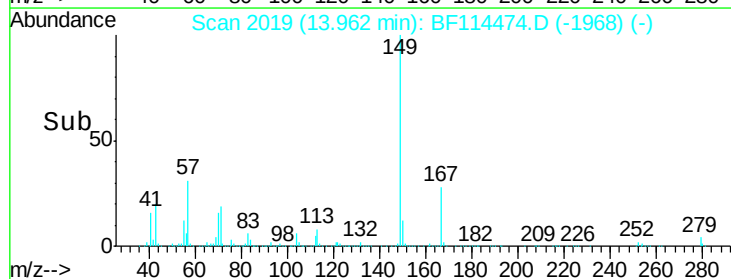
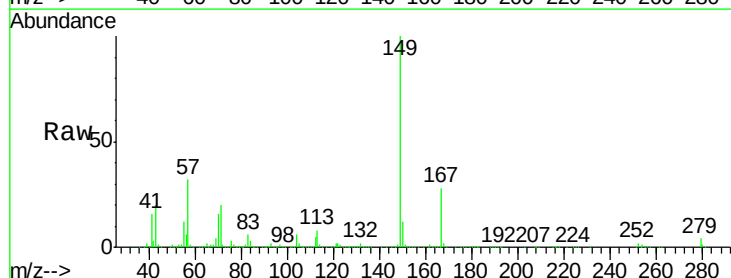
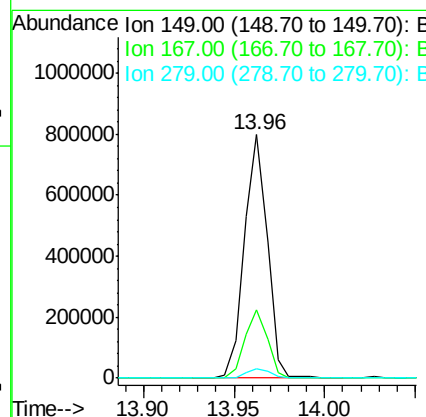
Manual Integrations
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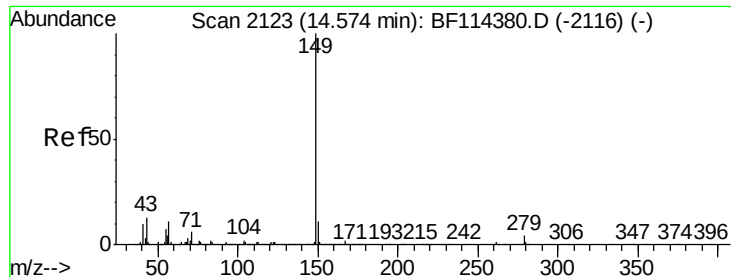
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 45.366 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114474.D
 Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	33.8
279	3.8	3.0	4.6





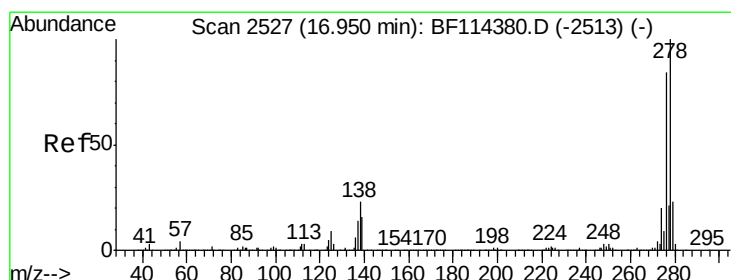
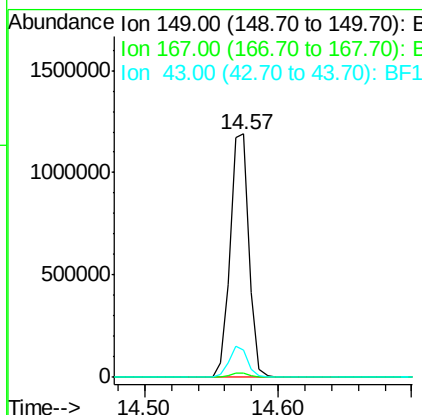
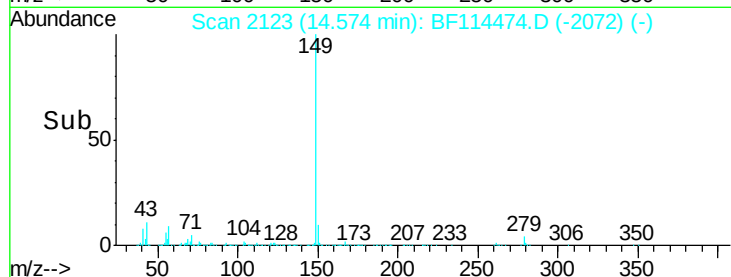
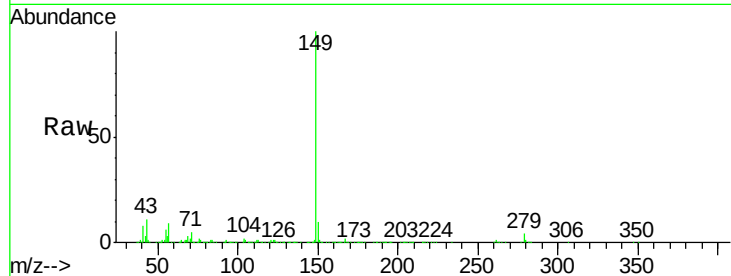
#85
Di-n-octyl phthalate
Concen: 47.364 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	10.1	15.1

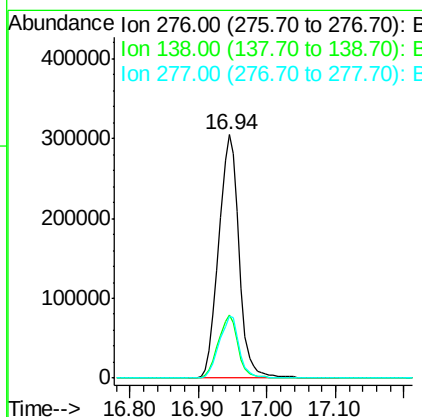
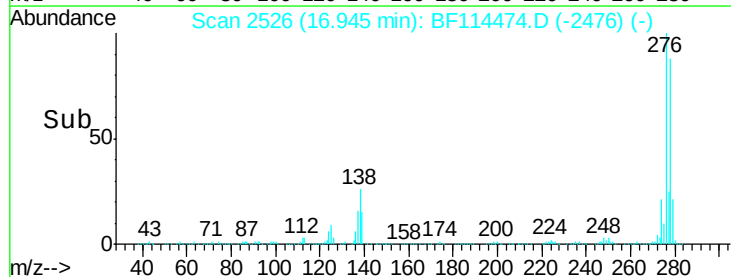
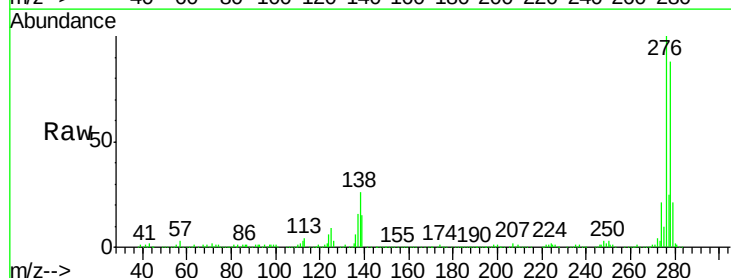
Manual Integrations
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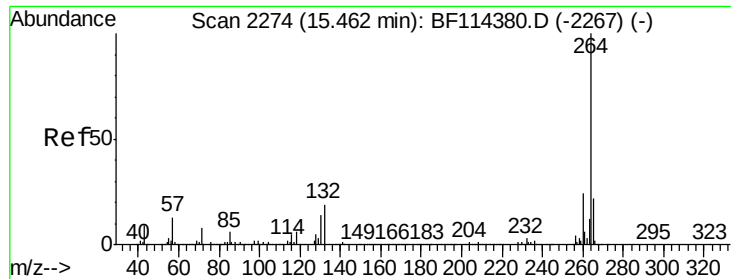
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.237 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.2
277	24.9	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

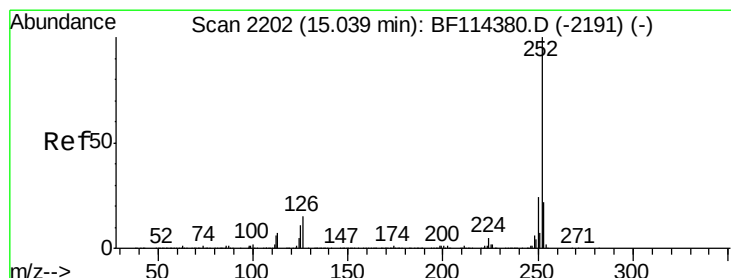
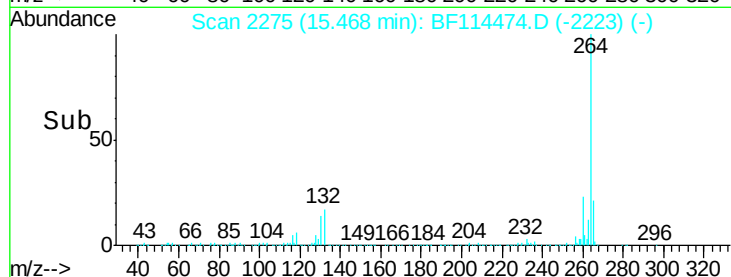
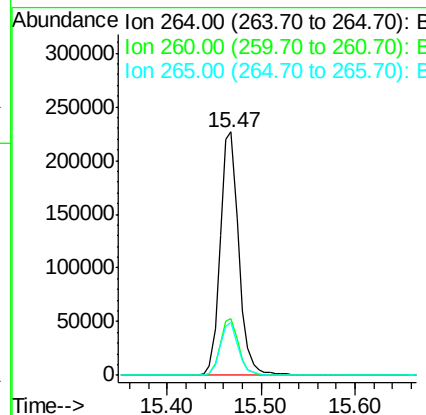
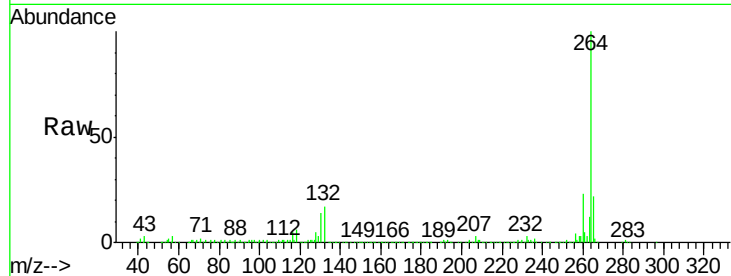
ClientSampleId :

SSTDCCC040

Tgt Ion:	264	Resp:	314080
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.6	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 42.389 ng

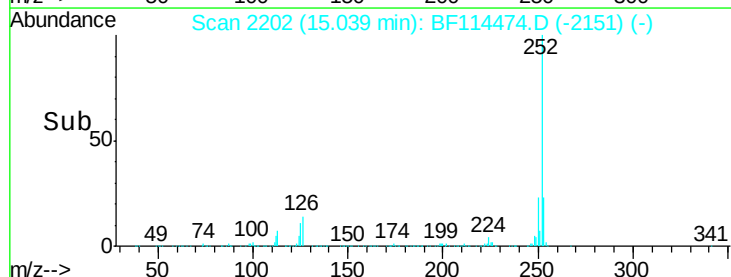
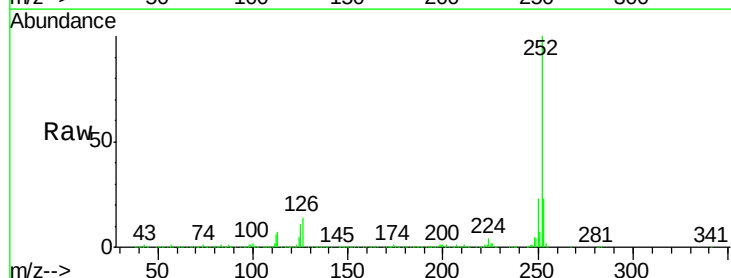
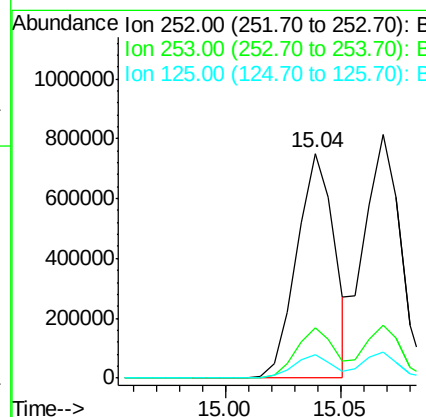
RT: 15.04 min Scan# 2202

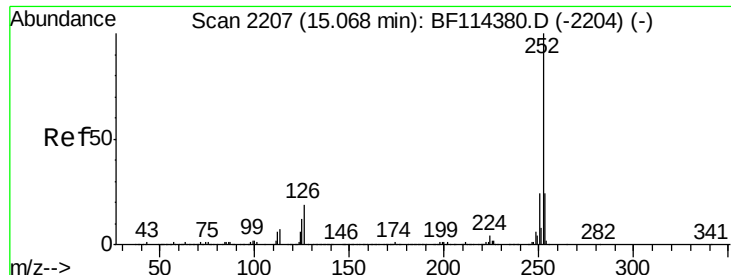
Delta R.T. 0.00 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt Ion:	252	Resp:	852933
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.7	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 48.065 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Instrument :

BNA_F

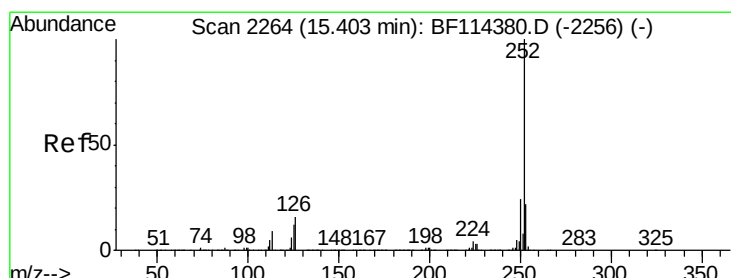
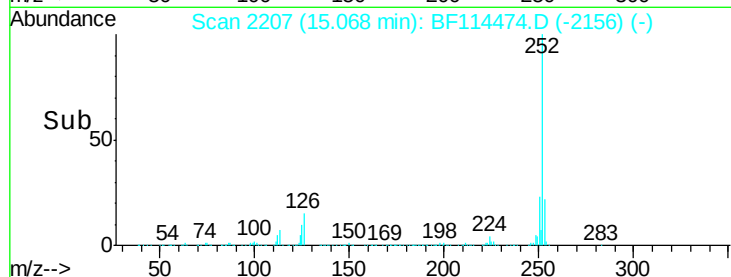
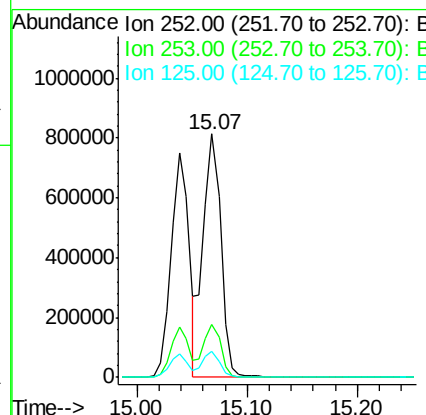
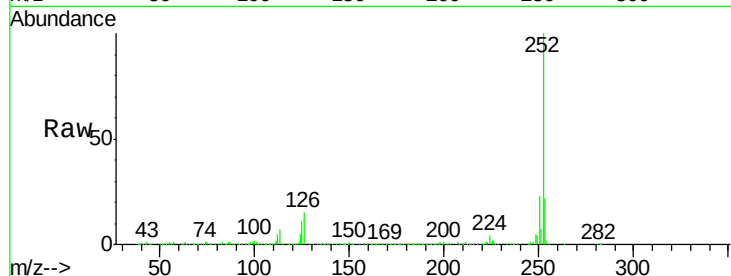
ClientSampled :

SSTDCCC040

Tgt	Ion	252	Resp:	888423
	Ion	Ratio	Lower	Upper
	252	100		
	253	21.6	18.2	27.2
	125	10.5	8.6	13.0

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#90

Benzo(a)pyrene

Concen: 41.529 ng

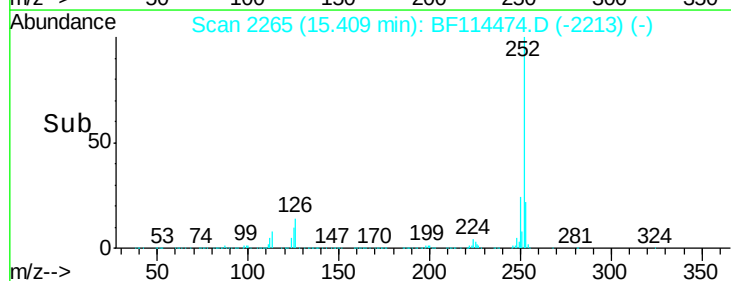
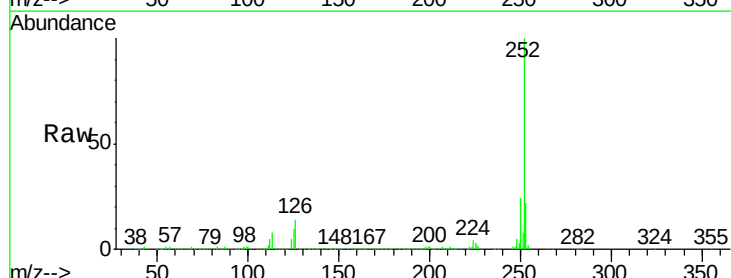
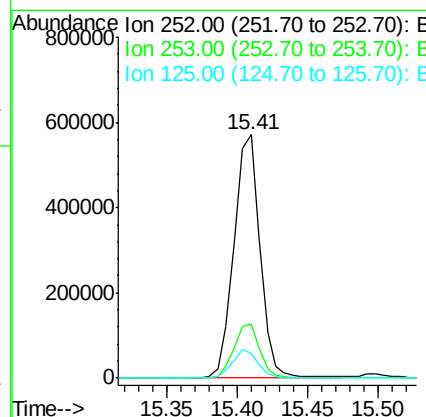
RT: 15.41 min Scan# 2265

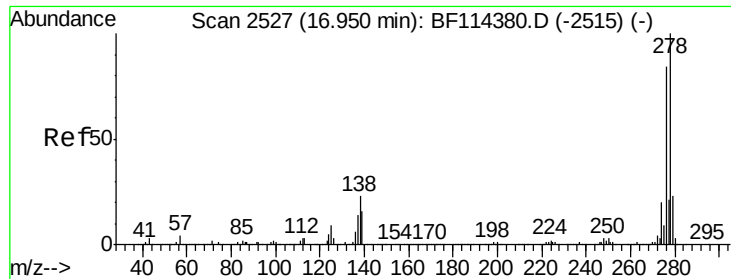
Delta R.T. 0.01 min

Lab File: BF114474.D

Acq: 22 May 2019 00:14

Tgt	Ion	252	Resp:	735431
	Ion	Ratio	Lower	Upper
	252	100		
	253	22.2	18.1	27.1
	125	10.4	9.5	14.3





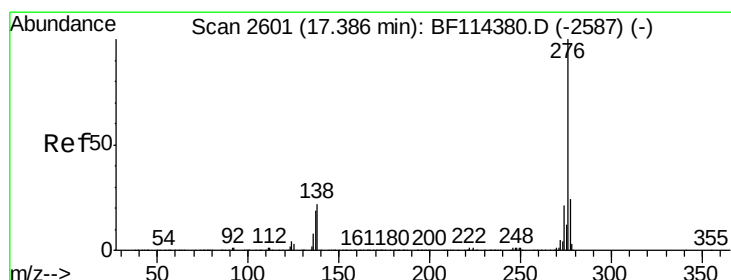
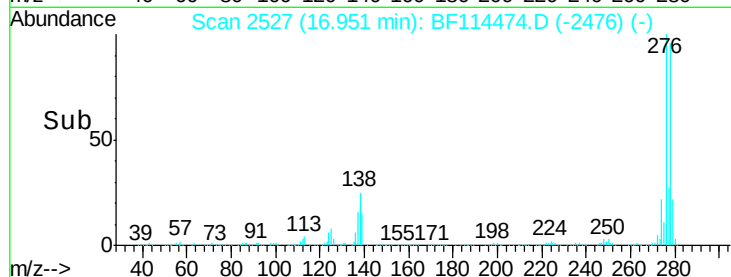
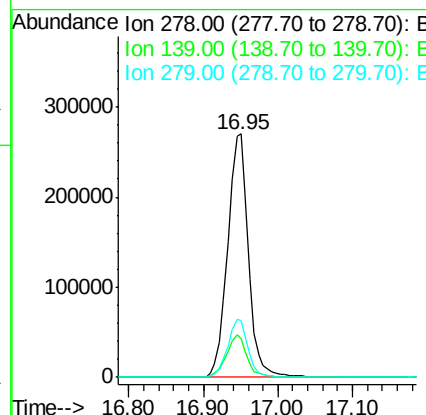
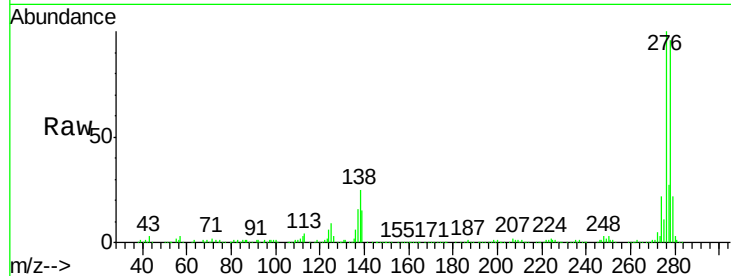
#91
Dibenzo(a,h)anthracene
Concen: 35.861 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	23.1	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 33.668 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BF114474.D
Acq: 22 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.1	17.8	26.6

