

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118774.D
 Acq On : 31 Jan 2020 11:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Quant Time: Jan 31 22:08:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	357863	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	1345893	20.00	ng	-0.03
39) Acenaphthene-d10	9.87	164	777695	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1428555	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1025377	20.00	ng	-0.02
87) Perylene-d12	15.44	264	941892	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1543529	80.11	ng	-0.03
7) Phenol-d6	6.47	99	1942259	77.55	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1828540	75.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	780911	86.82	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	3458933	73.10	ng	-0.03
79) Terphenyl-d14	12.94	244	4226892	89.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	342345	36.683	ng	99
3) Pyridine	3.31	79	972416	36.968	ng	99
4) n-Nitrosodimethylamine	3.26	42	320092	28.384	ng	95
6) Aniline	6.50	93	1247723	37.836	ng	99
8) 2-Chlorophenol	6.62	128	877521	40.574	ng	97
9) Benzaldehyde	6.38	77	560096	36.774	ng	100
10) Phenol	6.48	94	1066123	37.355	ng	88
11) bis(2-Chloroethyl)ether	6.57	93	835945	39.477	ng	98
12) 1,3-Dichlorobenzene	6.77	146	1029819	40.682	ng	99
13) 1,4-Dichlorobenzene	6.85	146	1028774	40.486	ng	98
14) 1,2-Dichlorobenzene	7.00	146	952017	39.854	ng	99
15) Benzyl Alcohol	6.97	79	777790	39.163	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1045731	35.455	ng	98
17) 2-Methylphenol	7.09	107	730995	40.577	ng	99
18) Hexachloroethane	7.35	117	379827	41.222	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	608088	35.960	ng	99
20) 3+4-Methylphenols	7.24	107	827851	37.638	ng	93
22) Acetophenone	7.25	105	1157893	36.317	ng	97
24) Nitrobenzene	7.42	77	907612	36.838	ng	98
25) Isophorone	7.66	82	1684108	38.373	ng	99
26) 2-Nitrophenol	7.73	139	498227	47.420	ng	96
27) 2,4-Dimethylphenol	7.77	122	668207	36.830	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1102299	38.979	ng	99
29) 2,4-Dichlorophenol	7.97	162	809769	40.375	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	945313	40.650	ng	99
31) Naphthalene	8.14	128	2502781	41.165	ng	99
32) Benzoic acid	7.90	122	560566	41.169	ng	95
33) 4-Chloroaniline	8.18	127	1139341	40.544	ng	98
34) Hexachlorobutadiene	8.26	225	583378	41.194	ng	98
35) Caprolactam	8.57	113	268059m	40.841	ng	
36) 4-Chloro-3-methylphenol	8.67	107	824825	41.646	ng	99
37) 2-Methylnaphthalene	8.83	142	1775478	41.372	ng	99
38) 1-Methylnaphthalene	8.93	142	1670255	40.966	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	957557	39.351	ng	99

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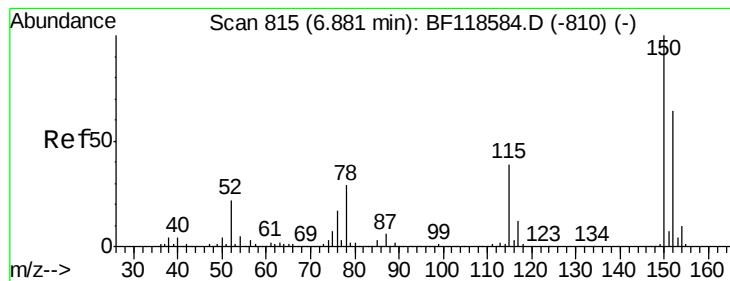
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	481447	39.215	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	656562	40.661	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	675744	40.976	nq	98
46) 1,1'-Biphenyl	9.29	154	2207111	41.178	nq	98
47) 2-Chloronaphthalene	9.32	162	1821422	40.318	nq	98
48) 2-Nitroaniline	9.41	65	544716	39.224	nq	99
49) Acenaphthylene	9.73	152	2648225	41.668	nq	98
50) Dimethylphthalate	9.60	163	2205711	43.533	nq	99
51) 2,6-Dinitrotoluene	9.66	165	509490	44.905	nq	91
52) Acenaphthene	9.91	154	1761590	41.452	nq	100
53) 3-Nitroaniline	9.82	138	568898	43.912	nq	100
54) 2,4-Dinitrophenol	9.93	184	260192	57.443	nq	# 92
55) Dibenzofuran	10.08	168	2390613	40.592	nq	100
56) 4-Nitrophenol	9.98	139	409105	41.830	nq	100
57) 2,4-Dinitrotoluene	10.06	165	684232	47.838	nq	96
58) Fluorene	10.42	166	1826862	39.513	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	595822	41.077	nq	100
60) Diethylphthalate	10.29	149	2200732	44.798	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	1017737	40.473	nq	94
62) 4-Nitroaniline	10.44	138	572093	43.049	nq	98
63) Azobenzene	10.57	77	1861112	39.118	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	368540	58.669	nq	87
66) n-Nitrosodiphenylamine	10.53	169	1776726	41.241	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	738081	41.819	nq	93
68) Hexachlorobenzene	10.97	284	826112	41.286	nq	98
69) Atrazine	11.06	200	610984	40.917	nq	99
70) Pentachlorophenol	11.16	266	460736	41.414	nq	99
71) Phenanthrene	11.38	178	2792927	40.524	nq	99
72) Anthracene	11.43	178	2841178	41.662	nq	98
73) Carbazole	11.59	167	2588535	41.382	nq	99
74) Di-n-butylphthalate	11.92	149	3298452	47.462	nq	99
75) Fluoranthene	12.57	202	3059909	42.095	nq	99
77) Benzidine	12.68	184	1367682	49.920	nq	99
78) Pyrene	12.80	202	3059005	43.942	nq	99
80) Butylbenzylphthalate	13.42	149	1448736	50.850	nq	99
81) Benzo(a)anthracene	13.99	228	2517313	40.811	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	1073581	48.845	nq	99
83) Chrysene	14.02	228	2488578	42.097	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1827672	52.508	nq	100
85) Di-n-octyl phthalate	14.59	149	2944203	57.145	nq	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	2278623	44.361	nq	100
88) Benzo(b)fluoranthene	15.03	252	2449104	41.367	nq	100
89) Benzo(k)fluoranthene	15.06	252	2258509	41.176	nq	100
90) Benzo(a)pyrene	15.39	252	2071049	40.552	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1860794	41.190	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1803697	41.121	nq	98

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



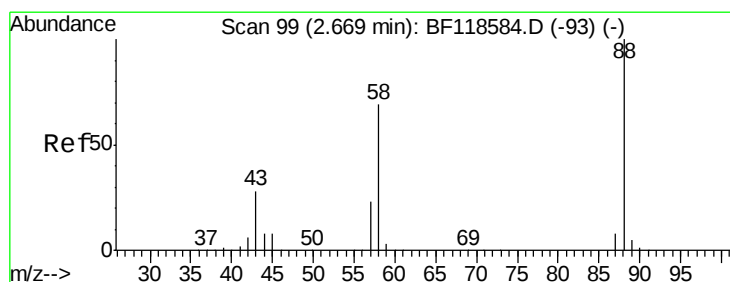
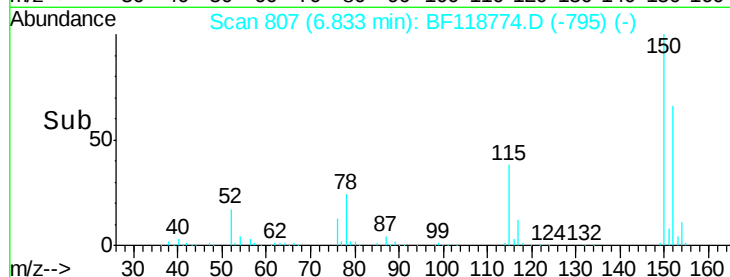
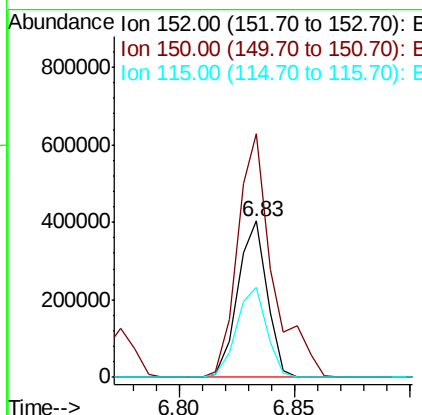
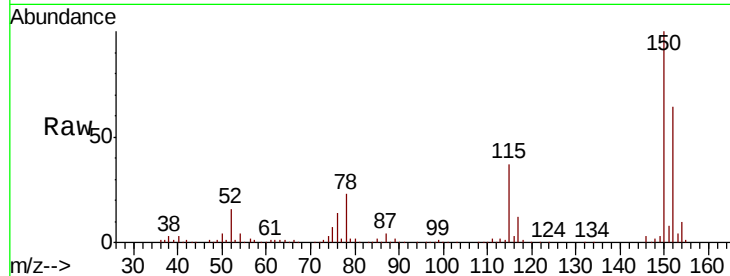
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.7	185.5
115	57.9	45.1	67.7

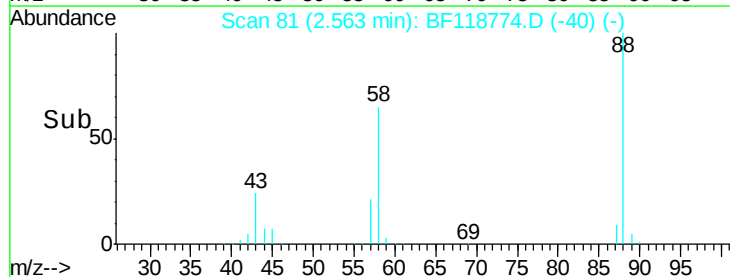
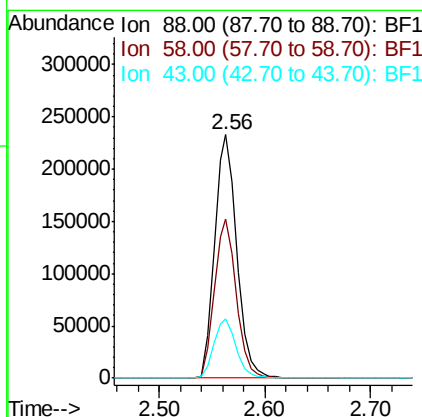
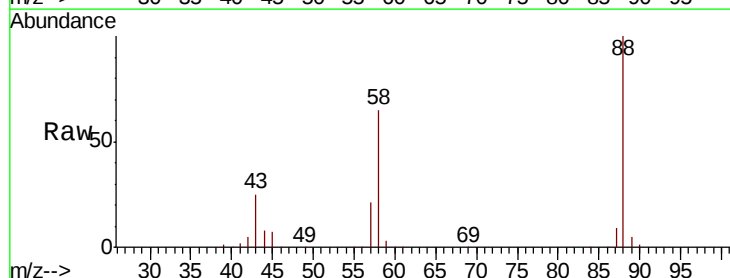
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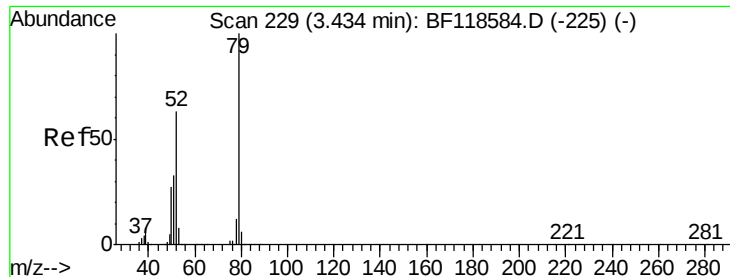
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#2
 1,4-Dioxane
 Concen: 36.683 ng
 RT: 2.56 min Scan# 81
 Delta R.T. -0.06 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.9	77.9
43	24.6	19.3	28.9





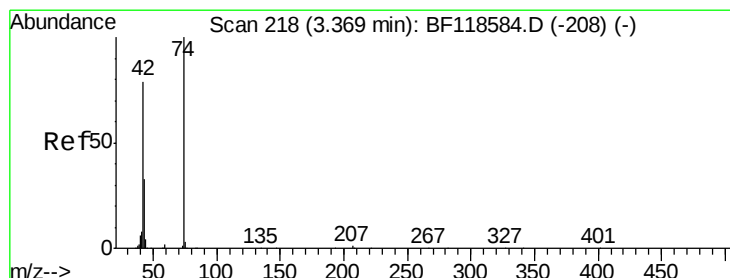
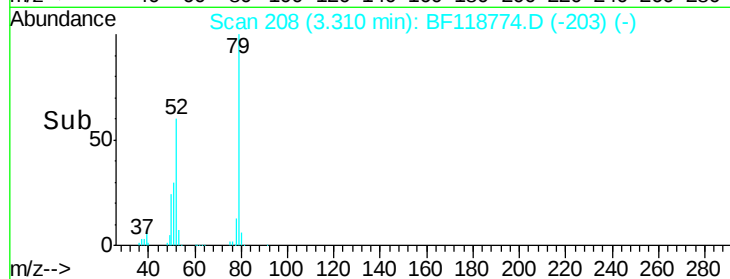
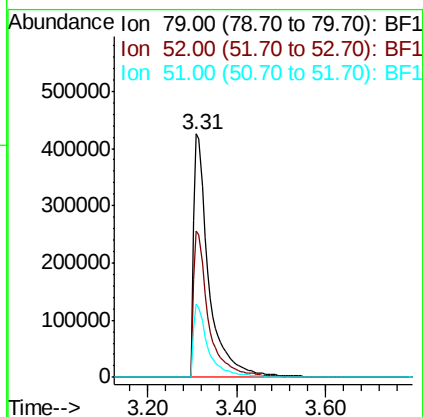
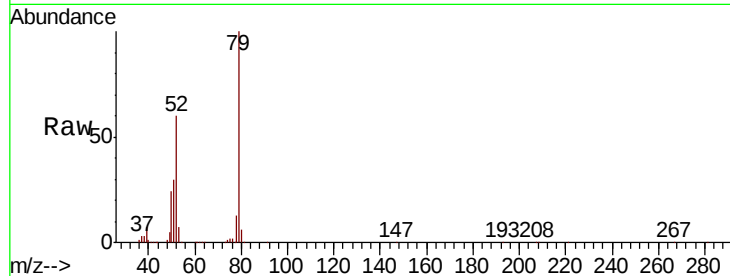
#3
 Pvridine
 Concen: 36.968 ng
 RT: 3.31 min Scan# 208
 Delta R.T. -0.07 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	59.9	48.8	73.2
51	51	30.3	24.4	36.6

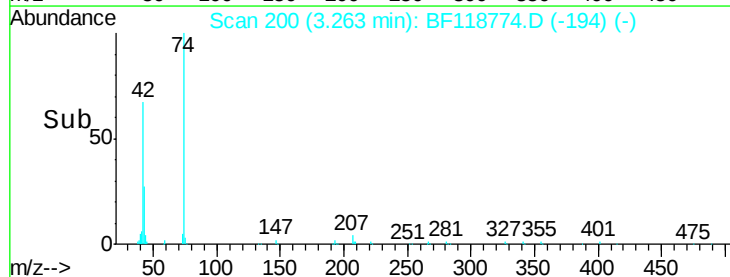
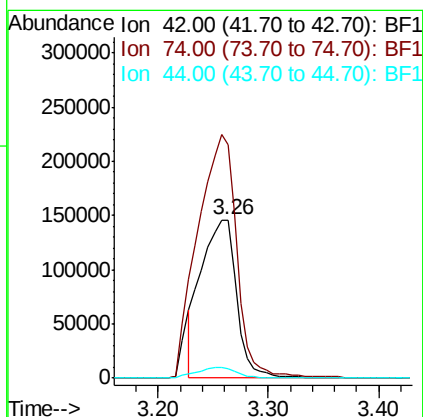
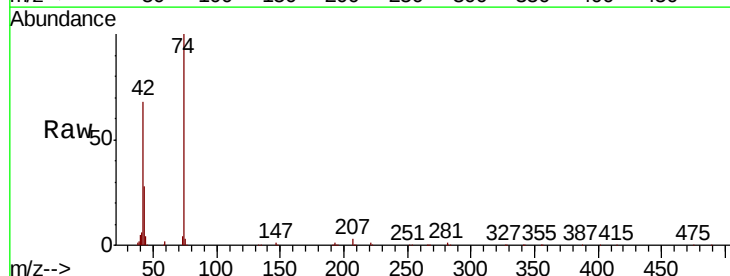
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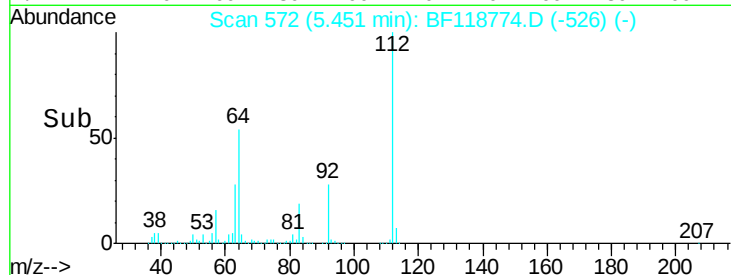
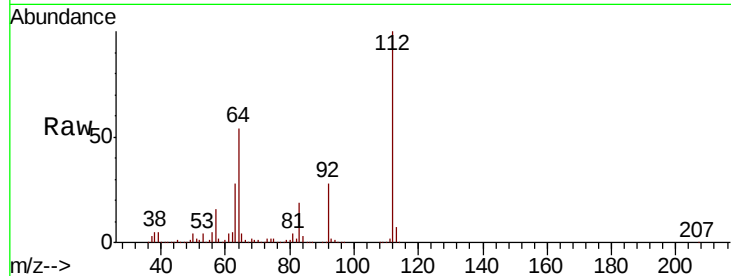
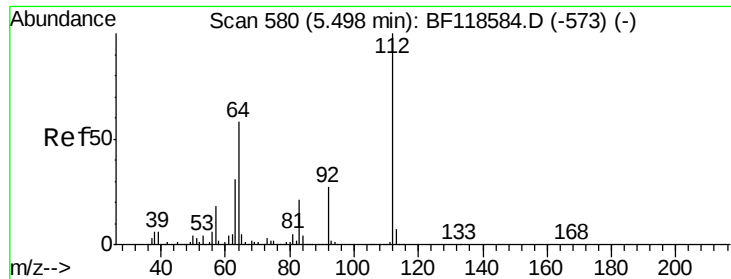
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#4
 n-Nitrosodimethylamine
 Concen: 28.384 ng
 RT: 3.26 min Scan# 200
 Delta R.T. -0.06 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	147.4	123.5	185.3
44	44	6.2	5.6	8.4





#5

2-Fluorophenol

Concen: 80.107 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1543529

Ion Ratio Lower Upper

112 100

64 54.1 42.4 63.6

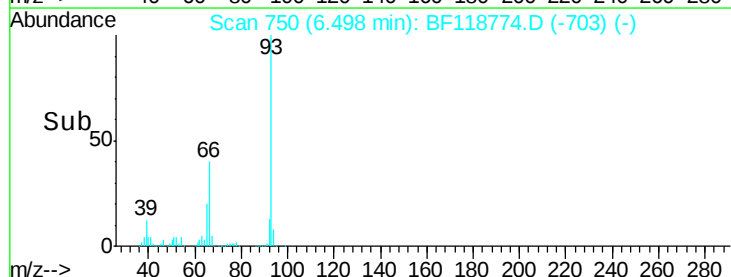
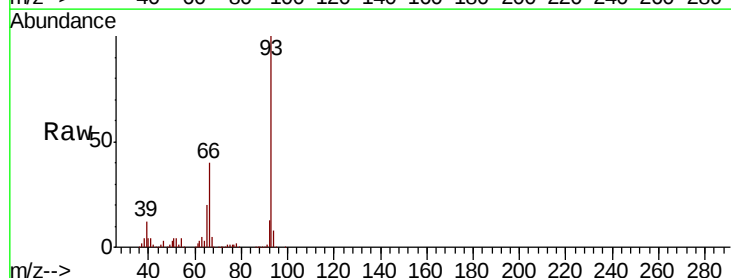
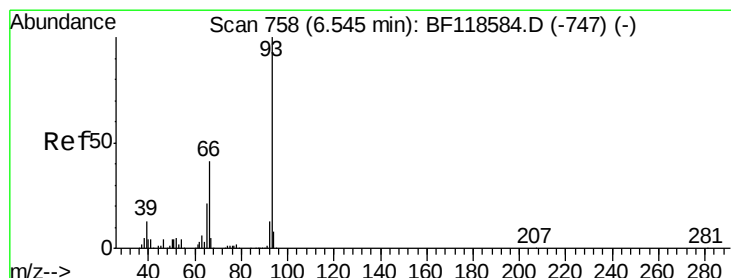
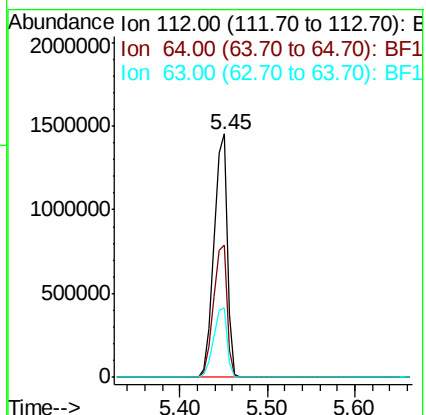
63 28.4 21.7 32.5

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#6

Aniline

Concen: 37.836 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

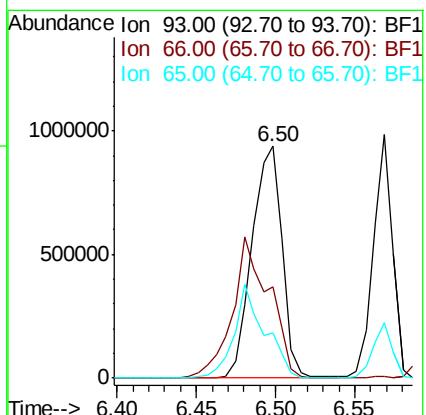
Tgt Ion: 93 Resp: 1247723

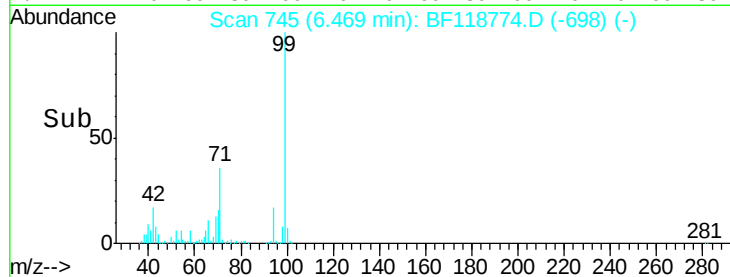
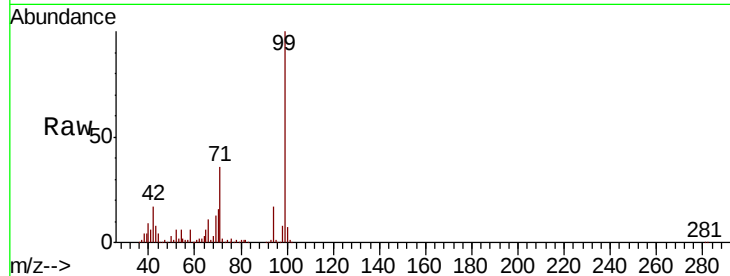
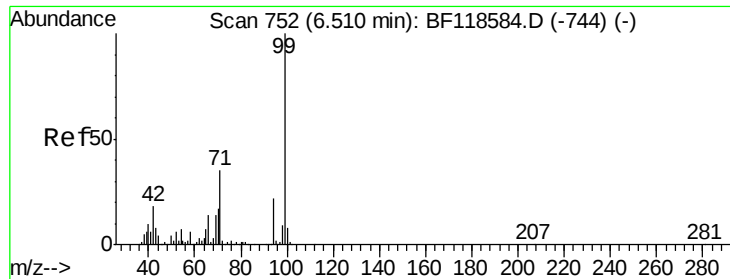
Ion Ratio Lower Upper

93 100

66 39.6 31.3 46.9

65 19.7 15.3 22.9





#7

Phenol-d6

Concen: 77.554 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tot Ion:	99	Resp:	1942259
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.1	19.7
71	36.0	28.4	42.6

Instrument :

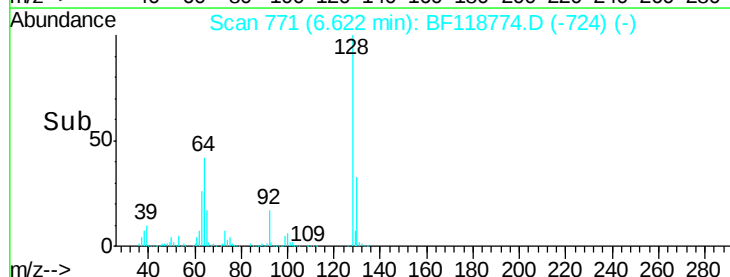
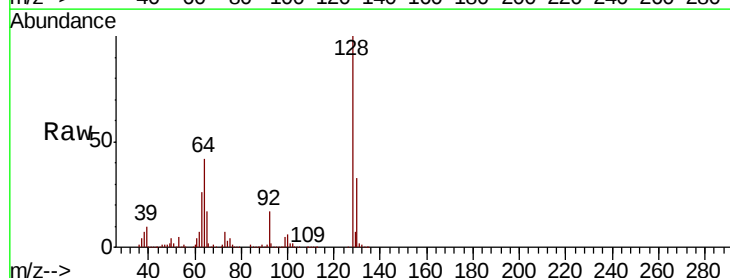
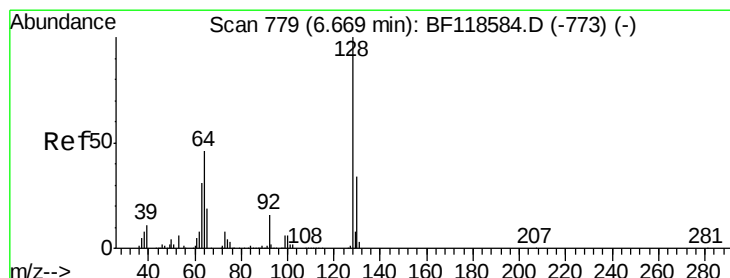
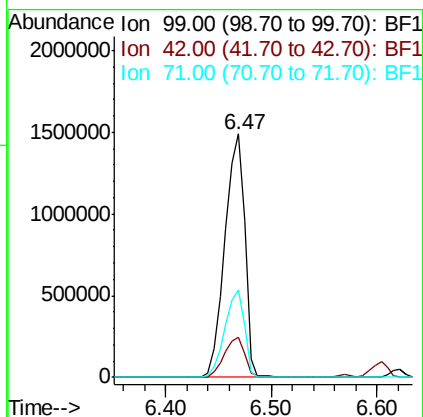
BNA_F

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#8

2-Chlorophenol

Concen: 40.574 ng

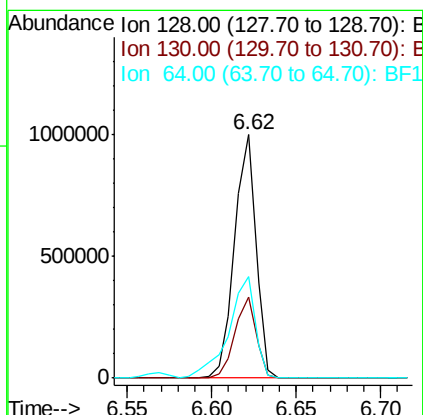
RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	128	Resp:	877521
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.5	24.5	64.5





#9

Benzaldehyde

Concen: 36.774 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

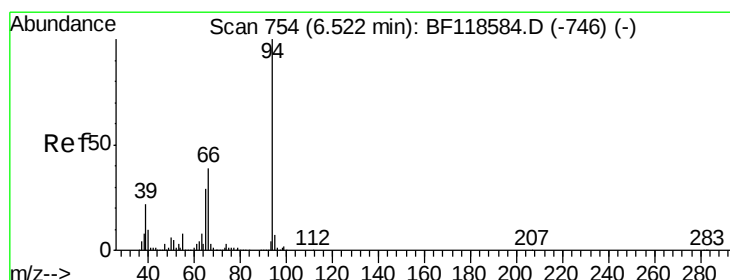
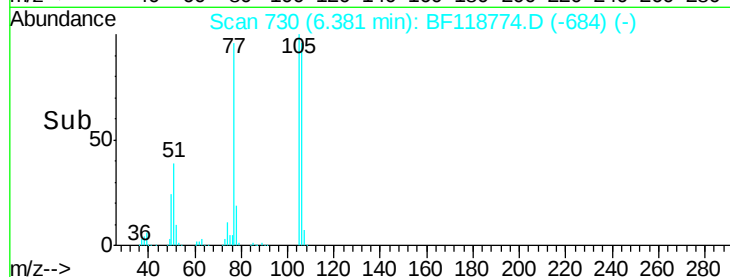
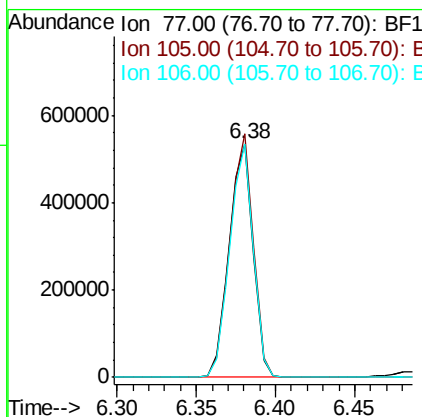
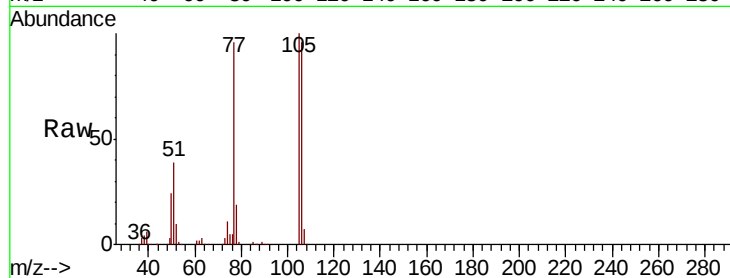
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	560096
Ion	Ratio	Lower	Upper
77	100		
105	104.2	84.3	124.3
106	100.1	80.4	120.4

Manual Integrations
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#10

Phenol

Concen: 37.355 ng

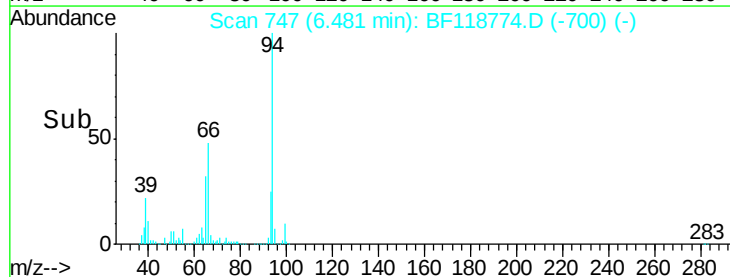
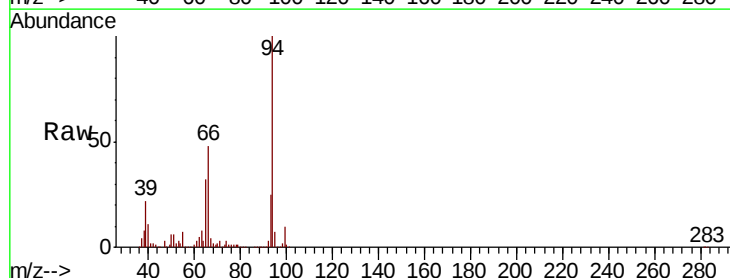
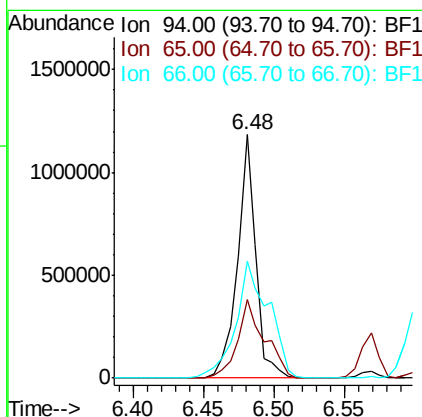
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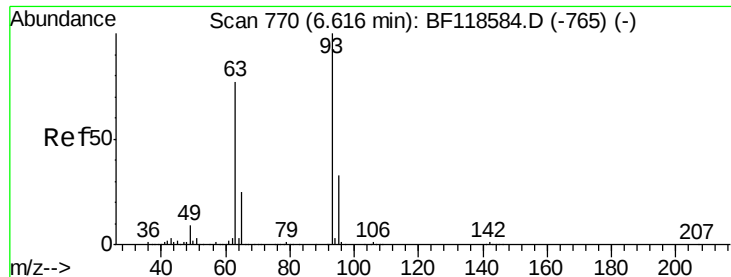
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	94	Resp:	1066123
Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	48.1	19.1	59.1





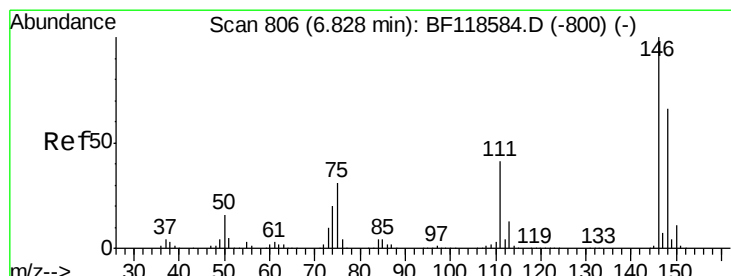
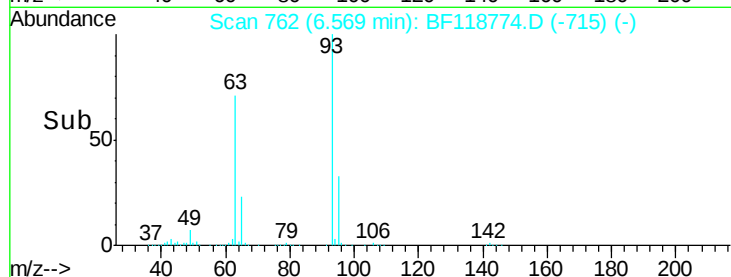
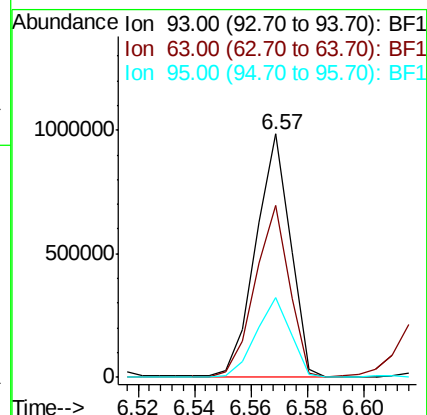
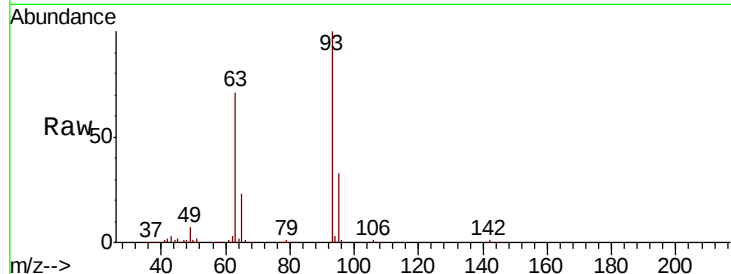
#11
bis(2-Chloroethyl)ether
Concen: 39.477 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	70.5	52.1	92.1	
95	32.8	13.2	53.2	

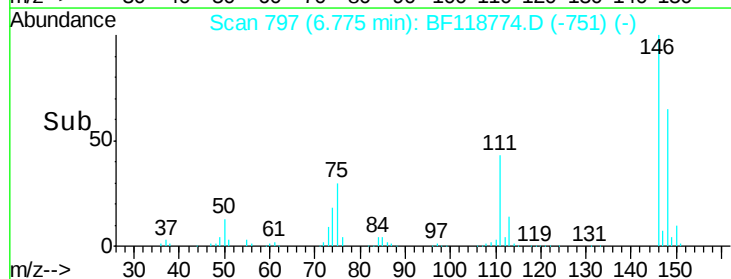
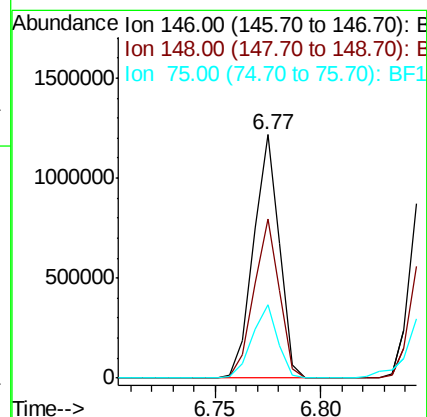
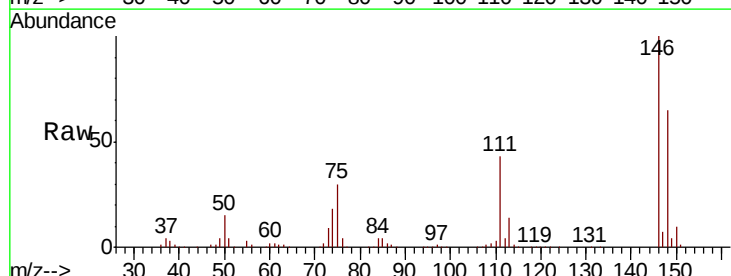
Manual Integrations
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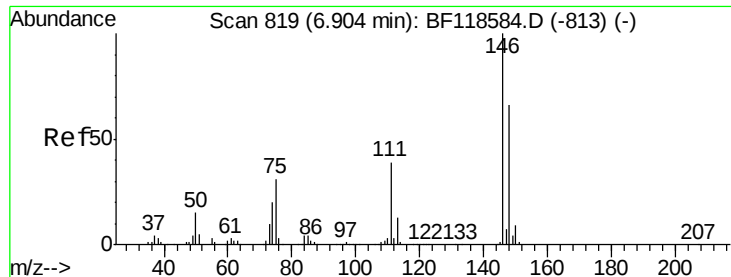
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.682 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	52.2	78.4	
75	30.2	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 40.486 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1028774

Ion Ratio Lower Upper

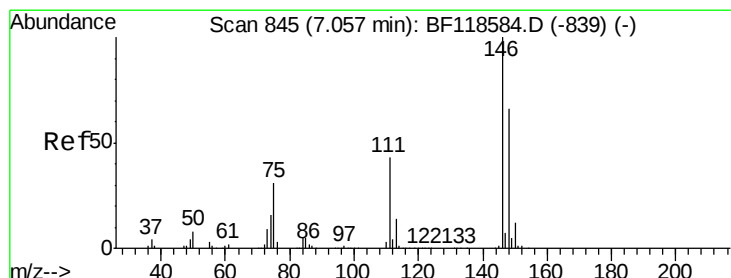
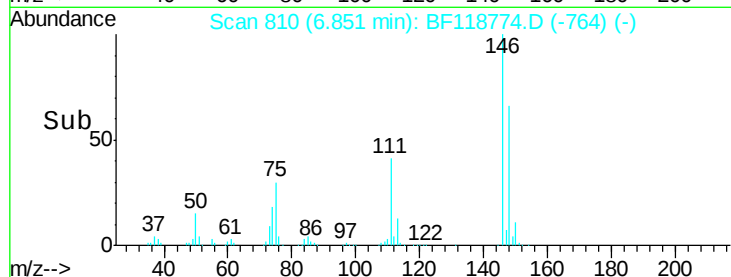
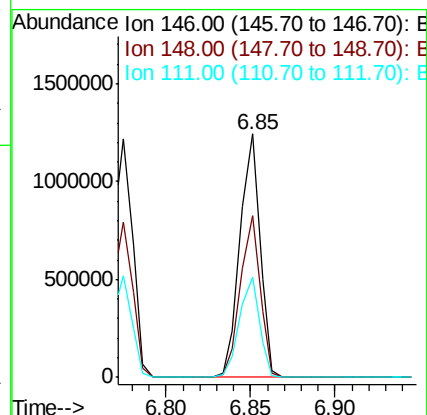
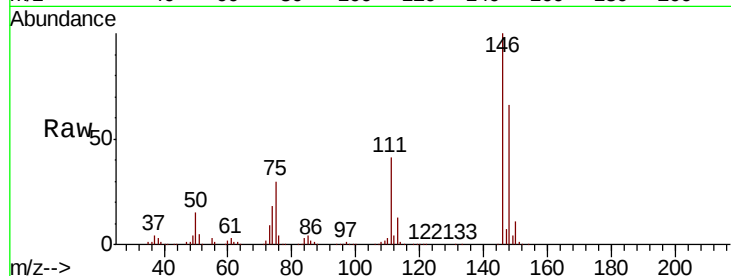
146 100

148 66.4 51.5 77.3

111 41.0 31.8 47.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.854 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

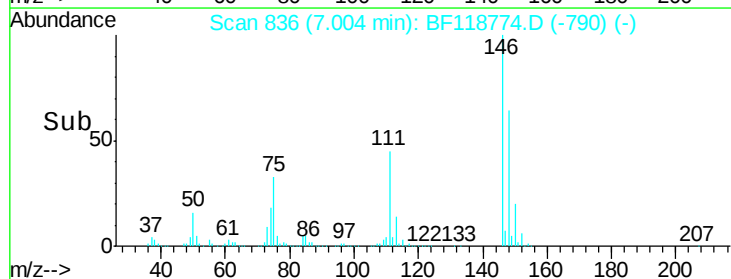
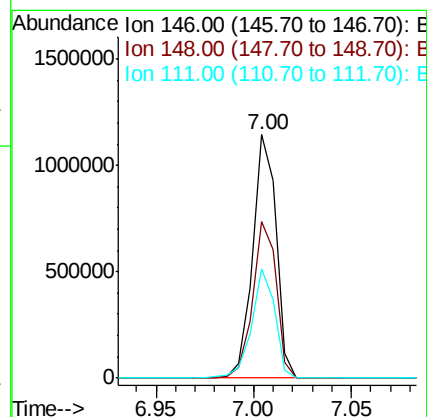
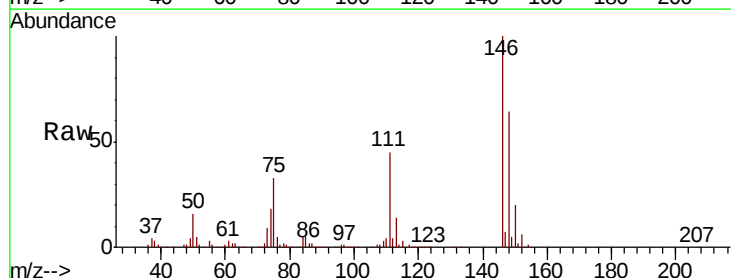
Tgt Ion:146 Resp: 952017

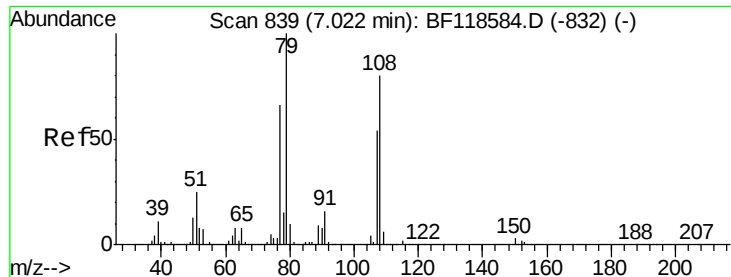
Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

111 45.0 35.3 52.9





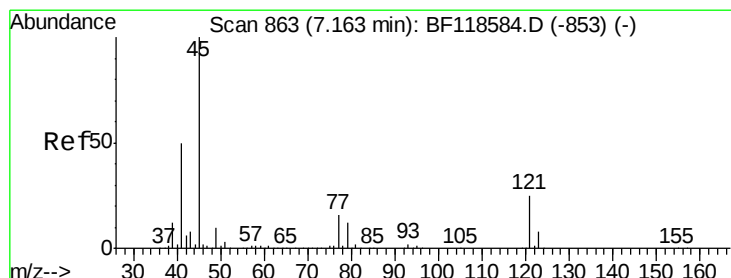
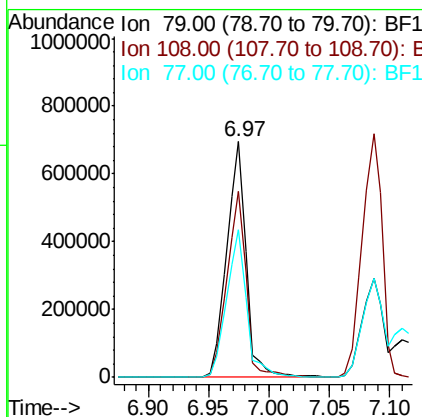
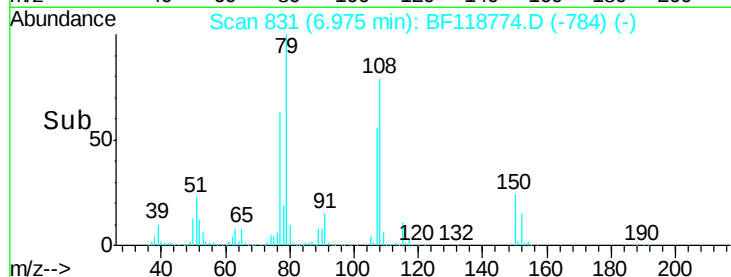
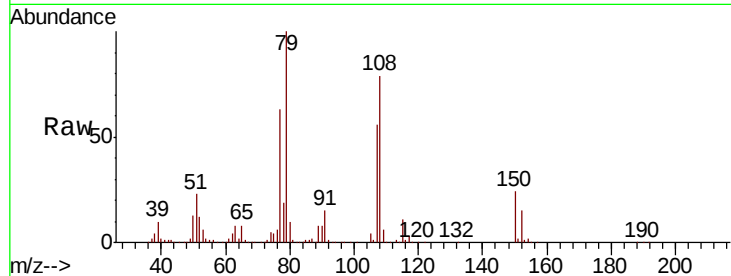
#15
Benzyl Alcohol
Concen: 39.163 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.4	95.2
77	62.6	49.8	74.6

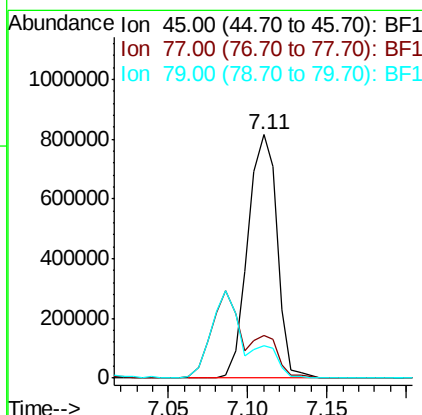
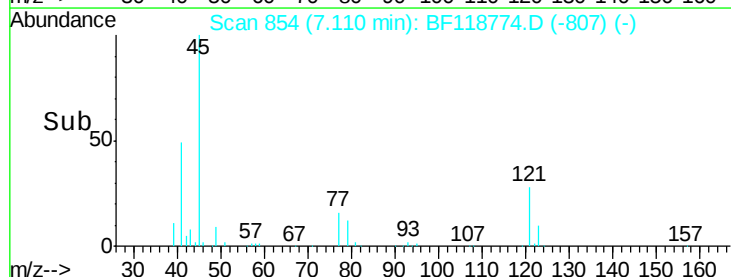
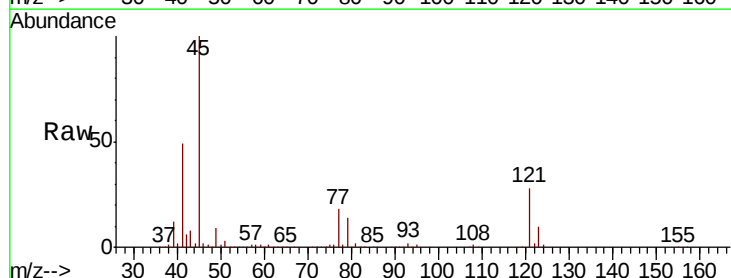
Manual Integrations
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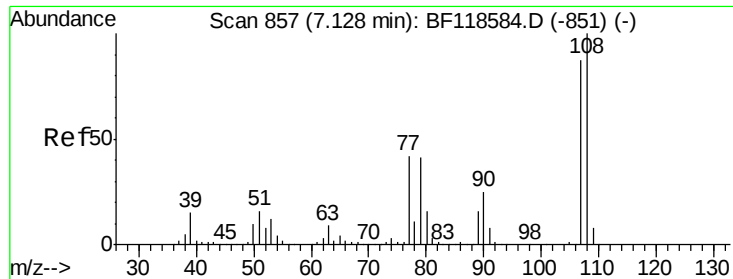
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.455 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	36.9
79	13.5	0.0	32.5





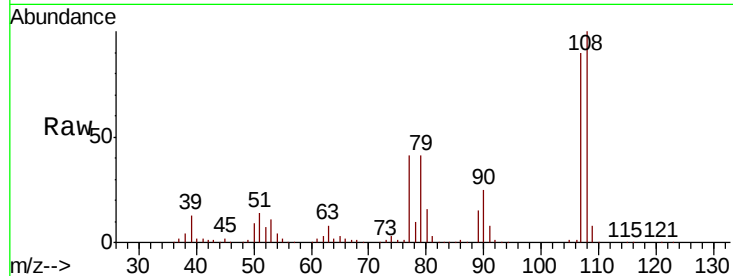
#17
2-Methylphenol
Concen: 40.577 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	730995		
108	111.3	88.0	132.0	
77	45.3	35.3	52.9	
79	45.3	35.4	53.2	

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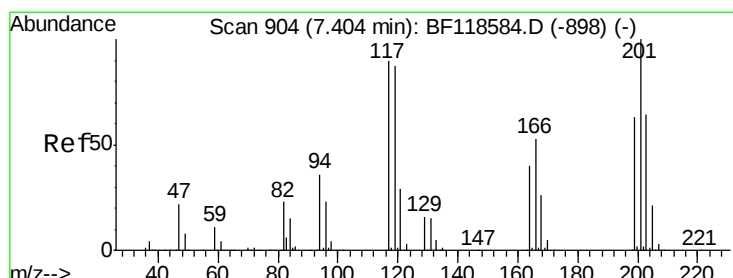
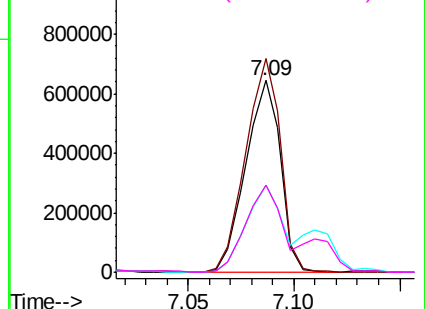
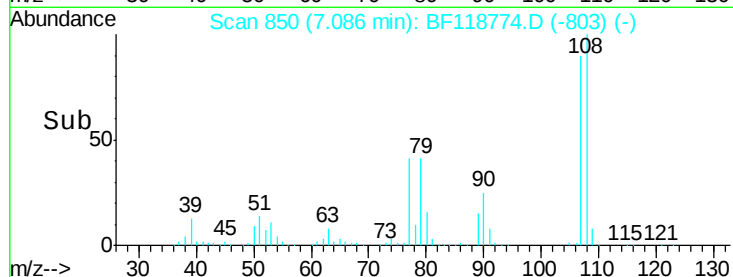
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

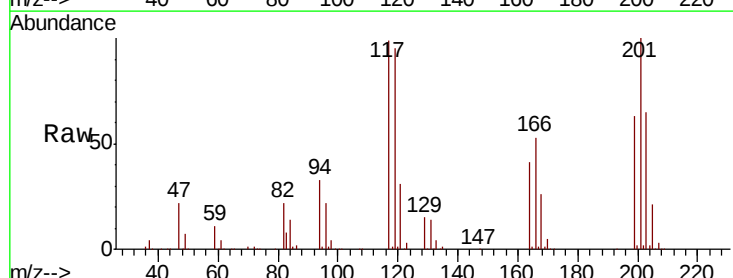
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.222 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	379827		
119	95.7	76.2	114.2	
201	100.5	83.3	124.9	

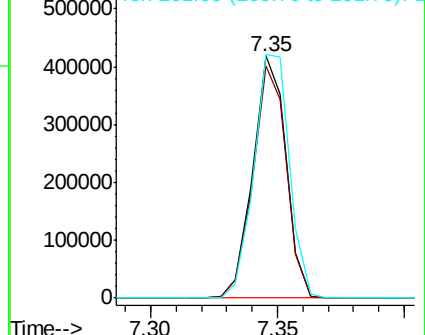
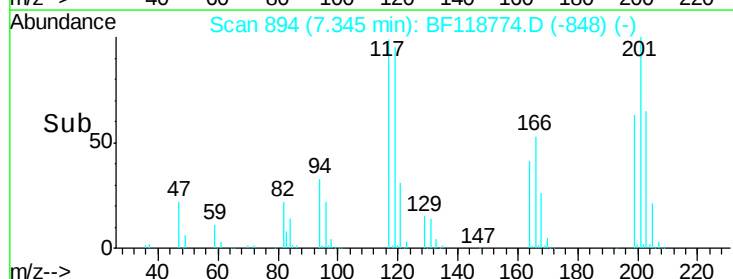


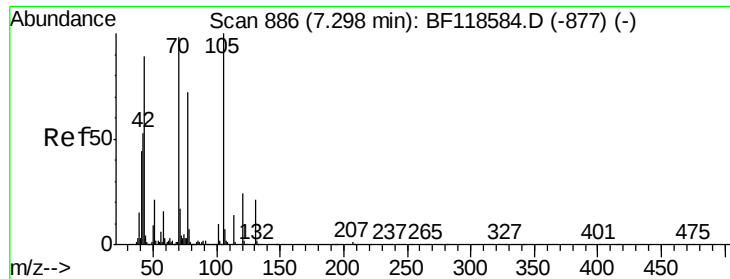
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





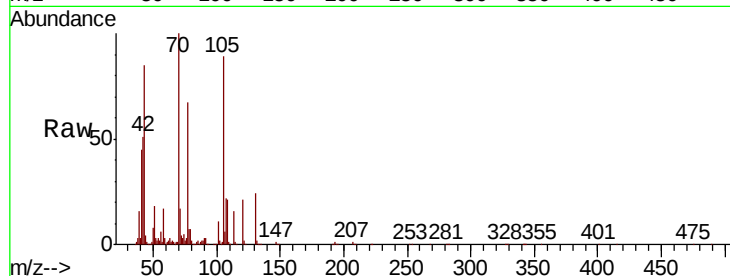
#19
n-Nitroso-di-n-propylamine
Concen: 35.960 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.3	41.6	62.4	
101	10.5	7.9	11.9	
130	23.6	19.0	28.6	

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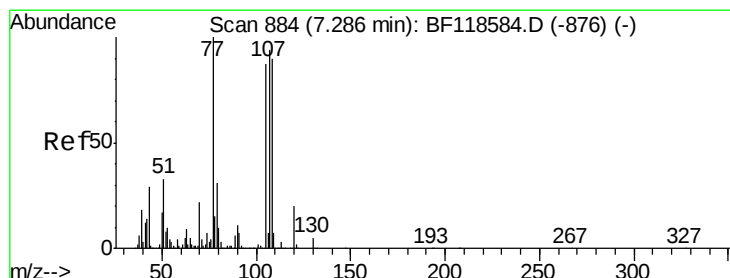
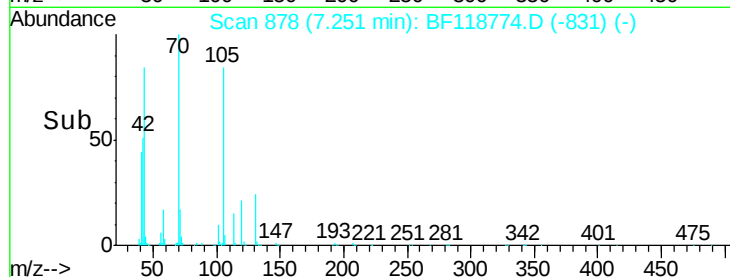
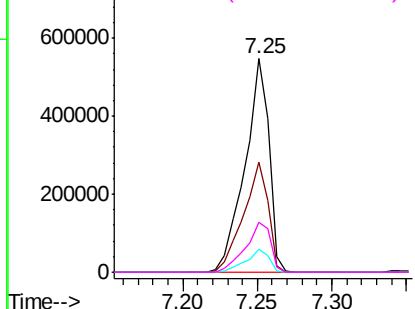
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.638 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	67.5	107.5	
77	108.2	73.6	113.6	
79	29.7	9.3	49.3	

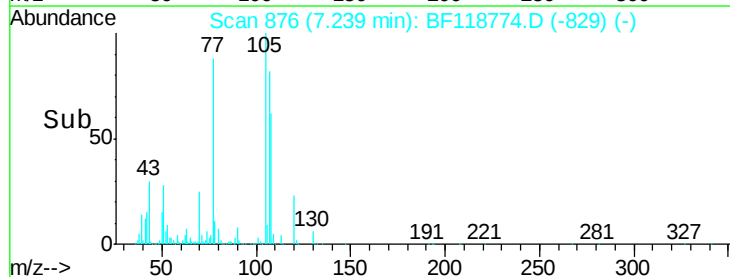
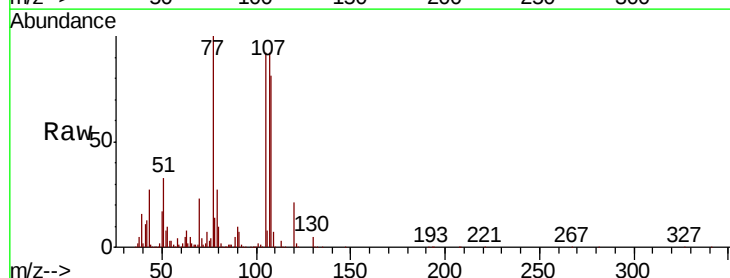
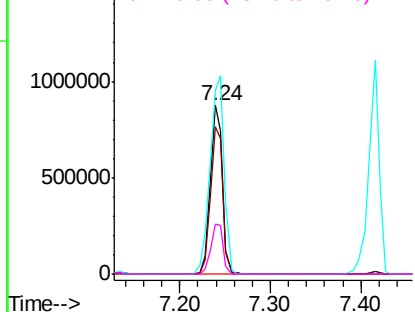
Abundance

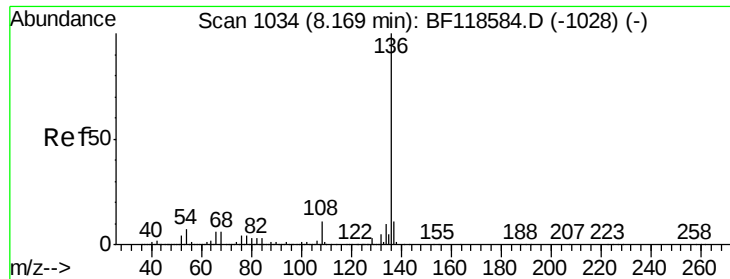
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





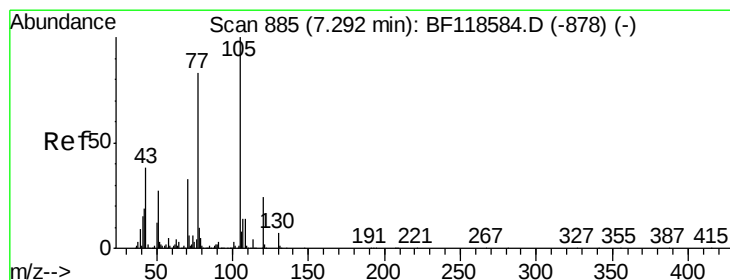
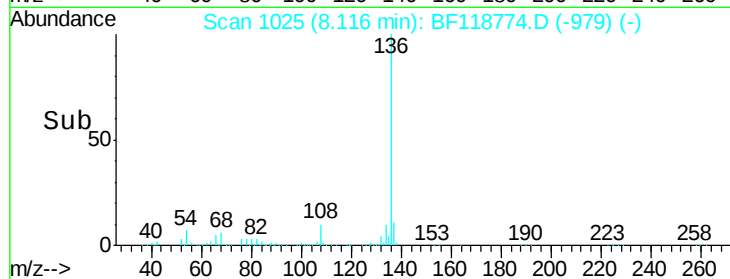
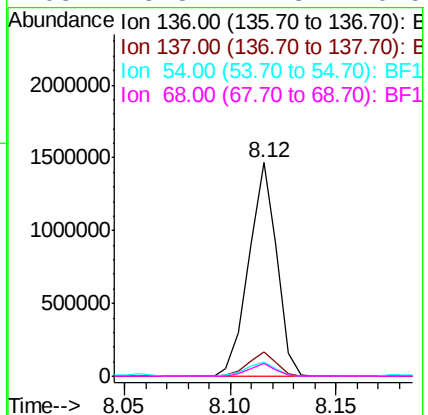
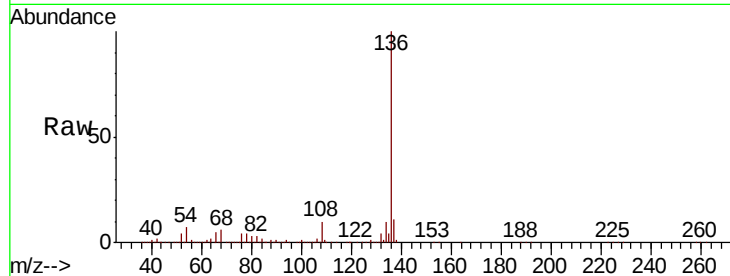
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.9	13.3		
54	6.5	5.1	7.7		
68	5.8	4.3	6.5		

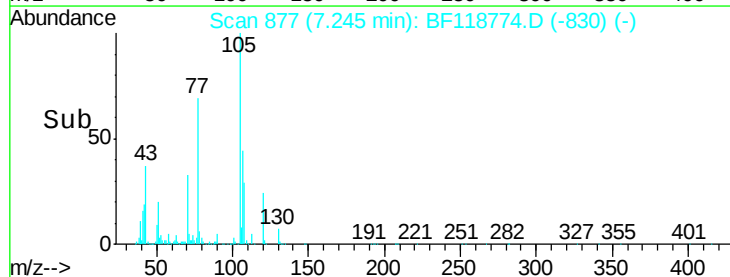
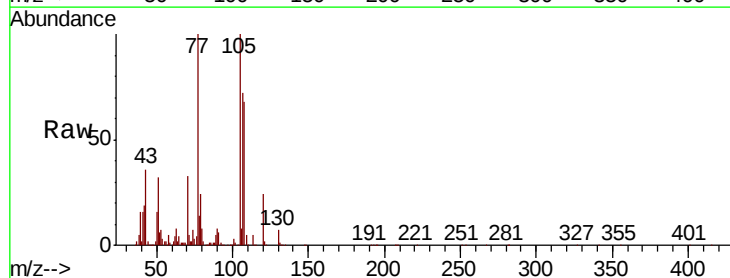
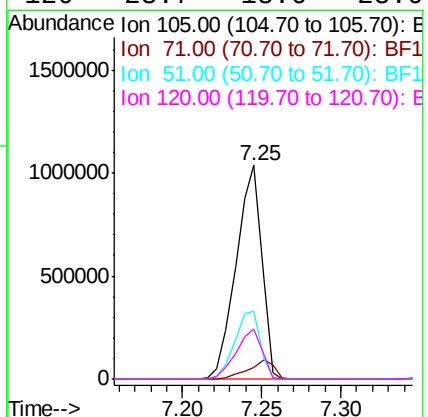
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#22
Acetophenone
Concen: 36.317 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.3	4.3	6.5		
51	32.0	23.5	35.3		
120	23.7	18.6	28.0		





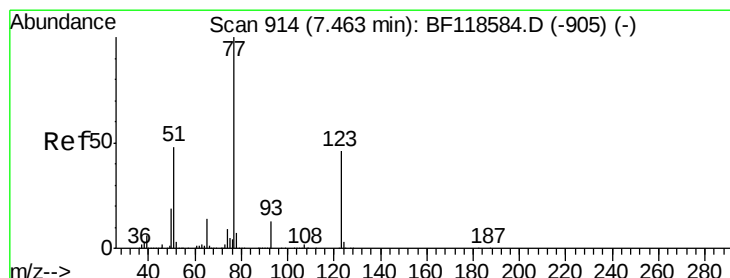
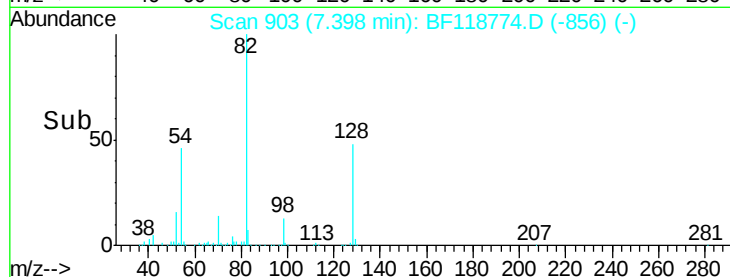
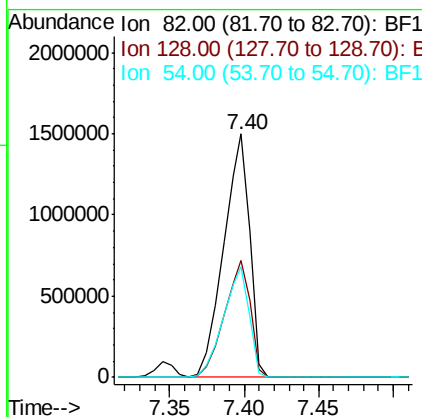
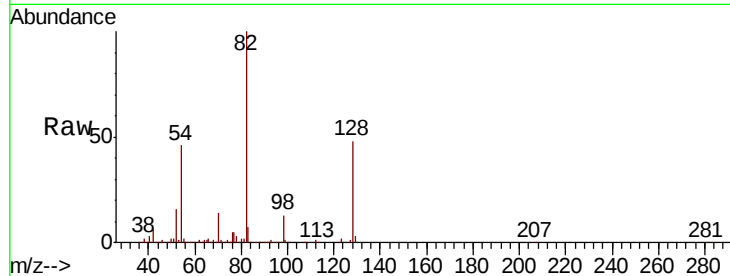
#23
Nitrobenzene-d5
Concen: 75.992 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1828540
Ion Ratio	100	Lower	Upper
82	100		
128	48.2	38.2	57.2
54	45.5	36.1	54.1

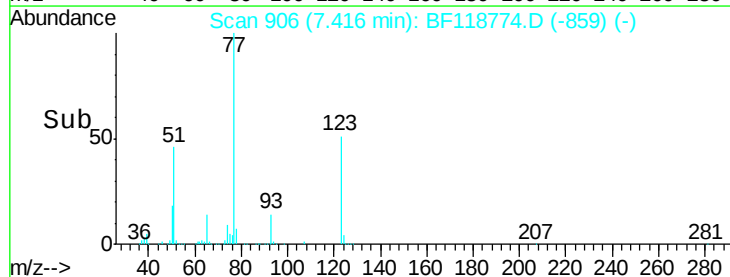
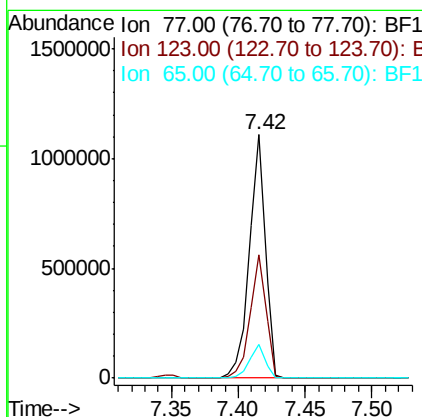
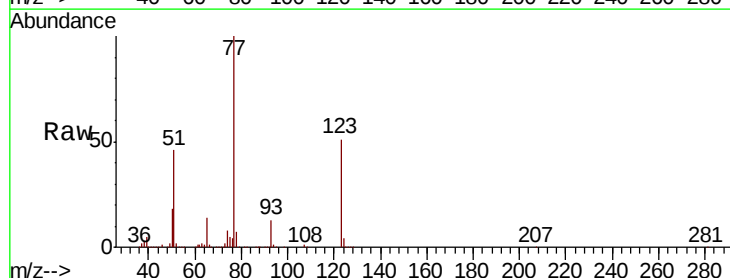
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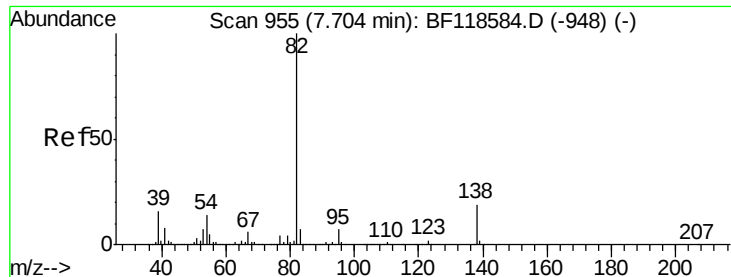
mohammad
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#24
Nitrobenzene
Concen: 36.838 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	77	Resp	907612
Ion Ratio	100	Lower	Upper
77	100		
123	50.7	39.2	58.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 38.373 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1684108

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.8

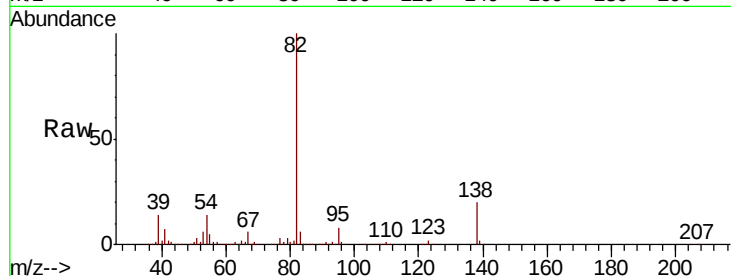
138 20.2 15.8 23.8

Manual Integrations

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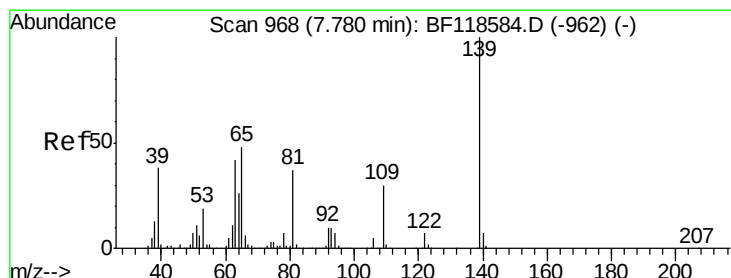
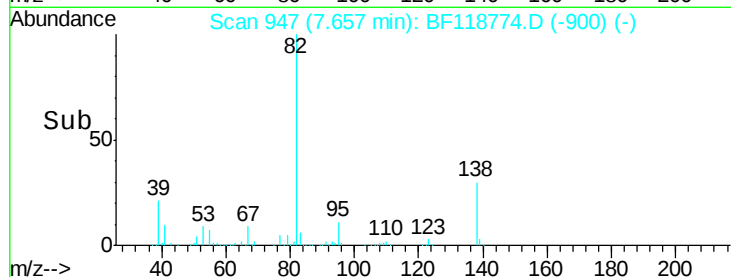
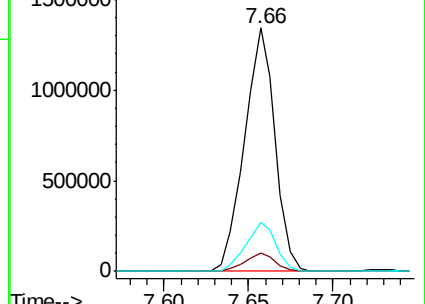
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.420 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

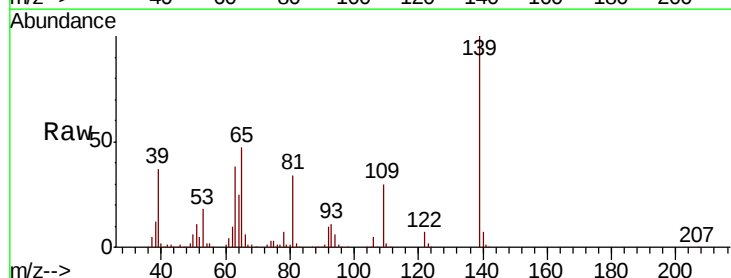
Tgt Ion: 139 Resp: 498227

Ion Ratio Lower Upper

139 100

109 29.9 23.1 34.7

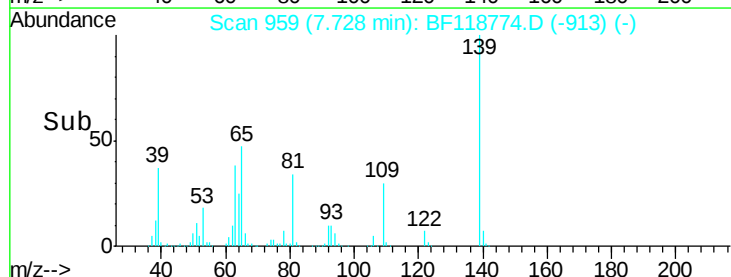
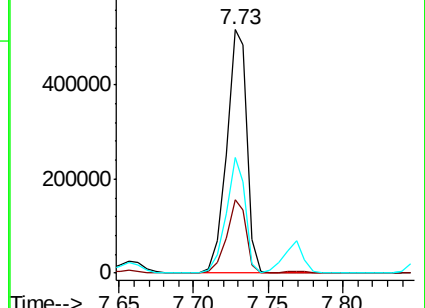
65 47.3 35.2 52.8

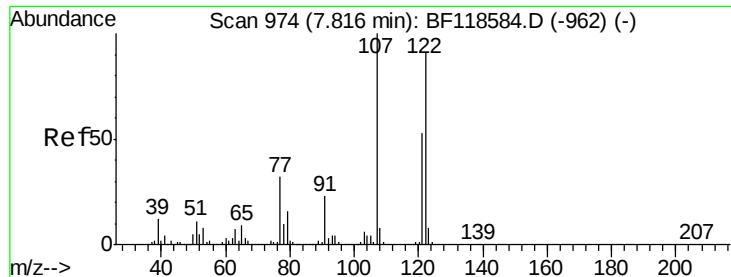


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.830 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

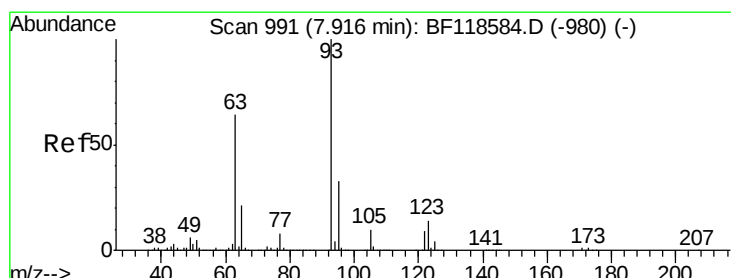
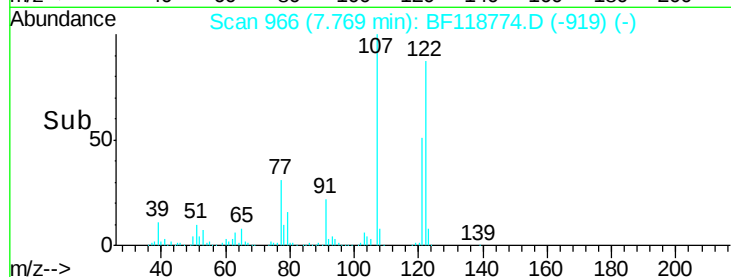
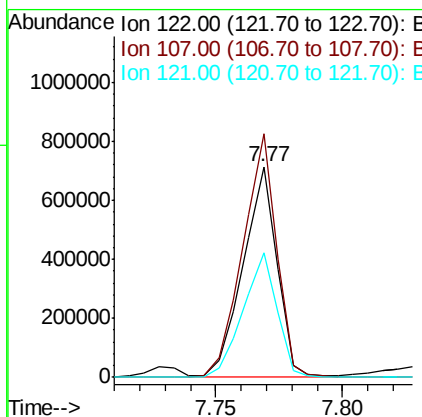
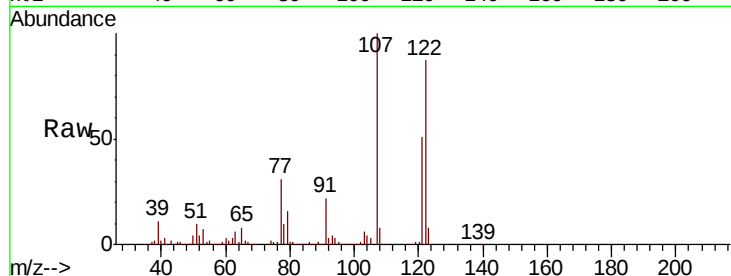
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	668207
Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.8	137.8
121	59.2	46.8	70.2

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.979 ng

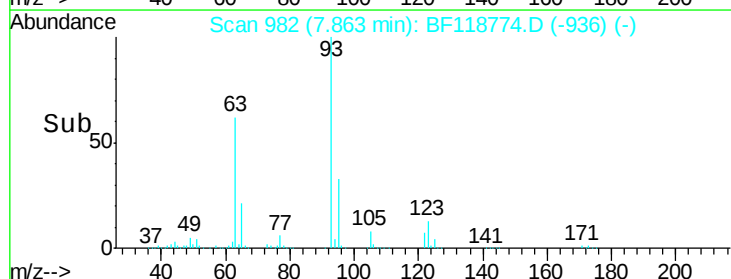
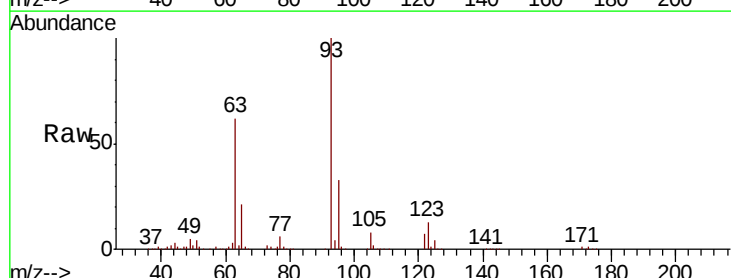
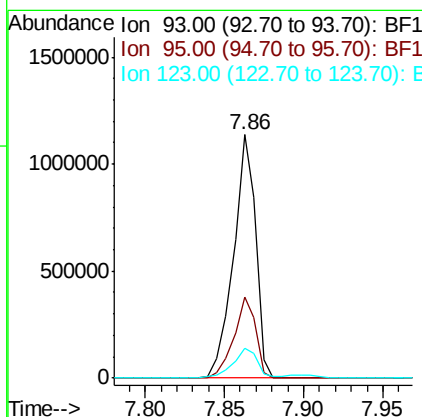
RT: 7.86 min Scan# 982

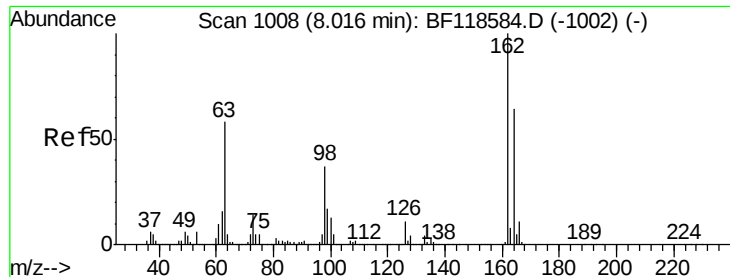
Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	93	Resp:	1102299
Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.8	40.2
123	12.5	10.7	16.1





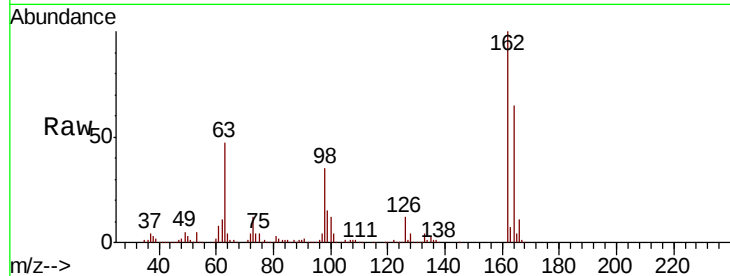
#29
2,4-Dichlorophenol
Concen: 40.375 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	809769		
164	65.1	43.8	83.8	
98	34.8	15.0	55.0	

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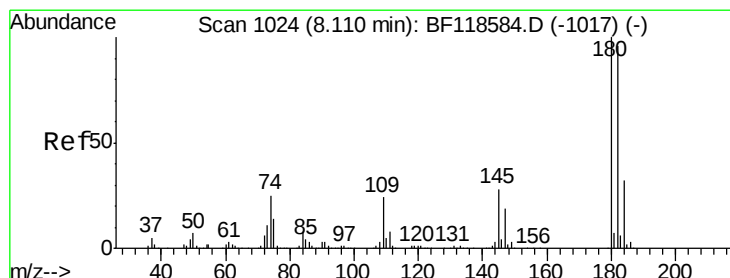
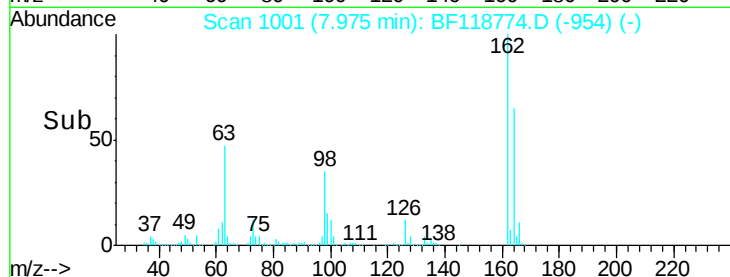
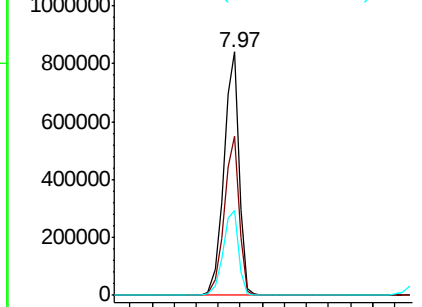


Abundance

Ion 162.00 (161.70 to 162.70): E

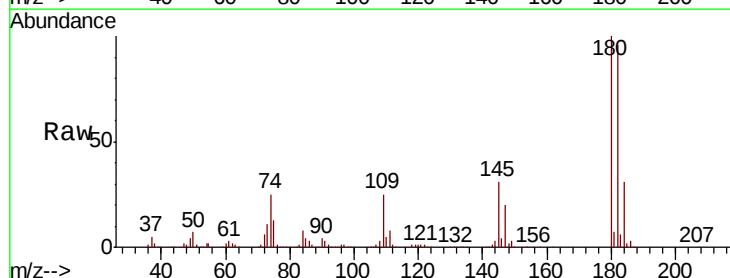
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.650 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	945313		
182	95.9	77.0	115.4	
145	30.8	23.5	35.3	

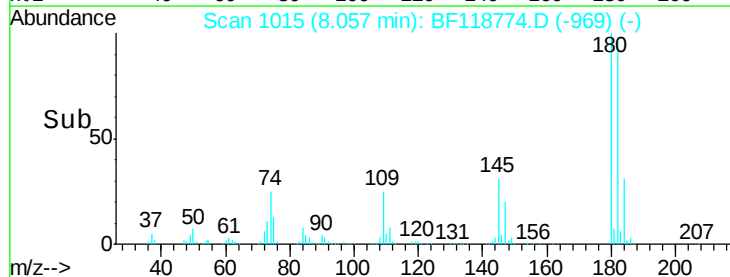
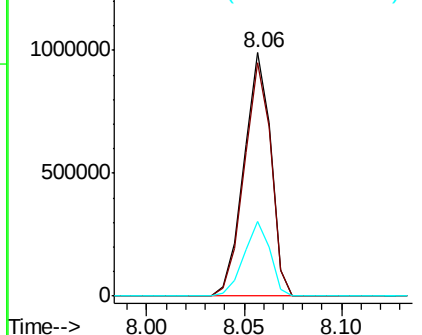


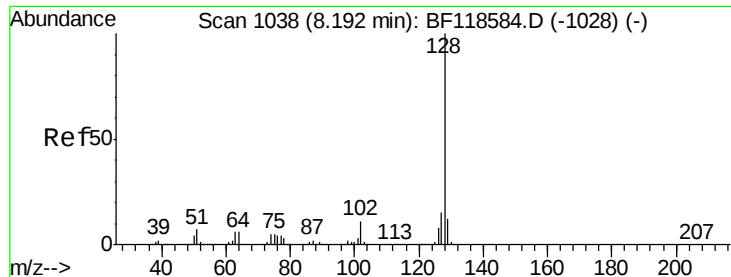
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





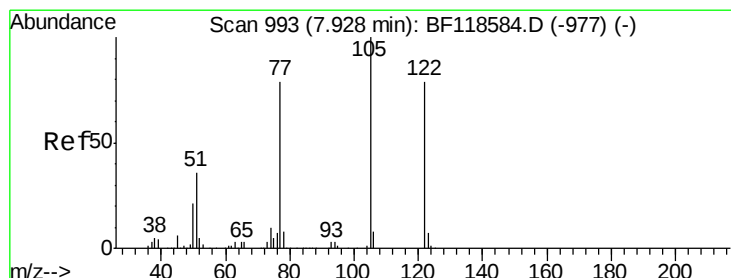
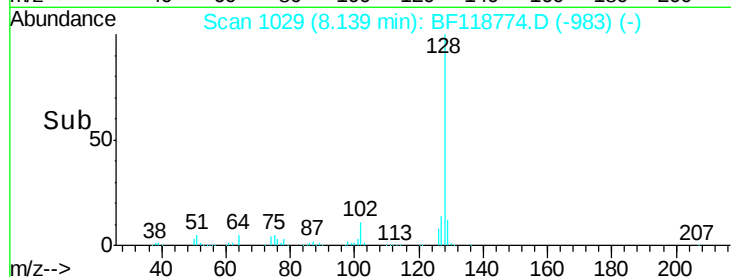
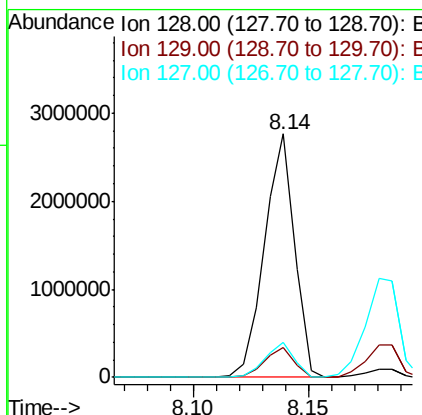
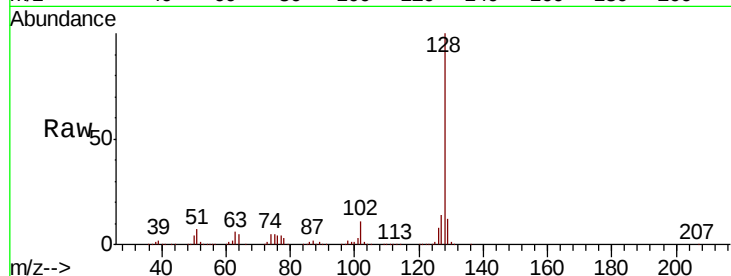
#31
Naphthalene
Concen: 41.165 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.0
127	14.4	11.3	16.9

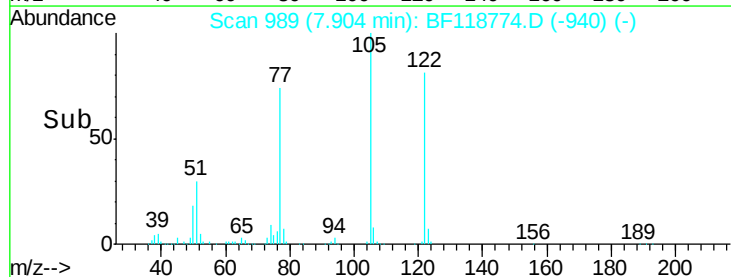
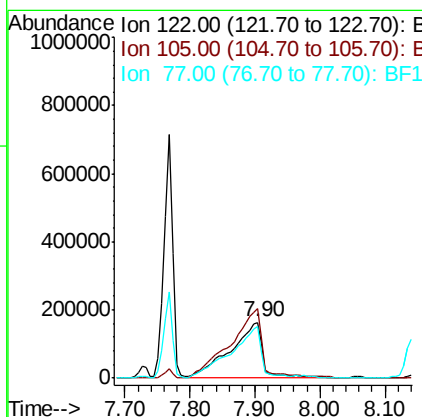
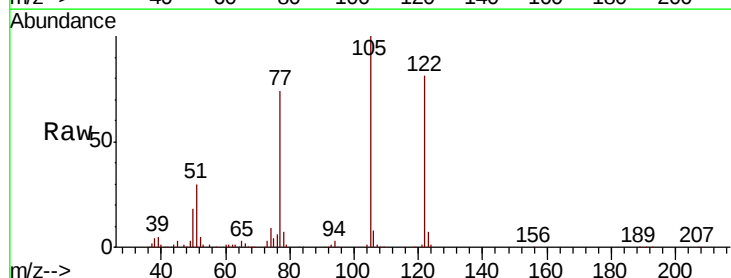
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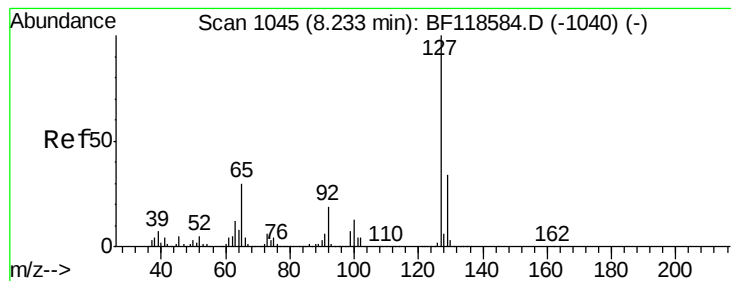
mohammad
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#32
Benzoic acid
Concen: 41.169 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	100.9	140.9
77	91.9	65.1	105.1





#33

4-Chloroaniline

Concen: 40.544 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

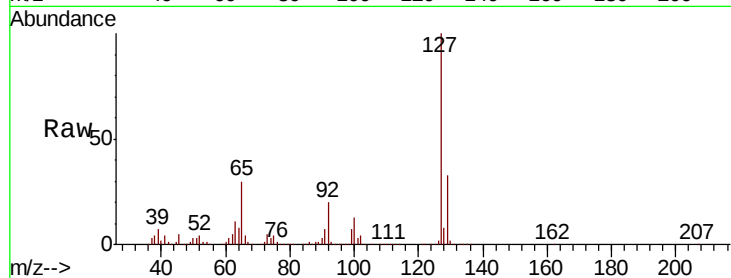
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.7	26.4	39.6	
65	29.7	22.6	33.8	
92	20.0	15.3	22.9	

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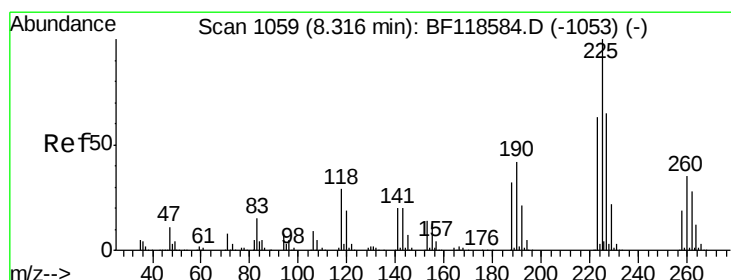
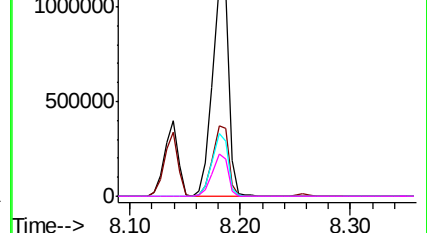
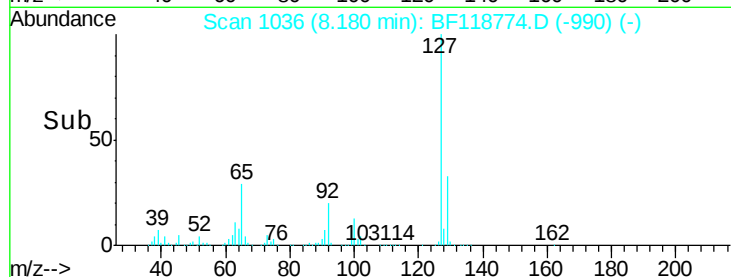


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.194 ng

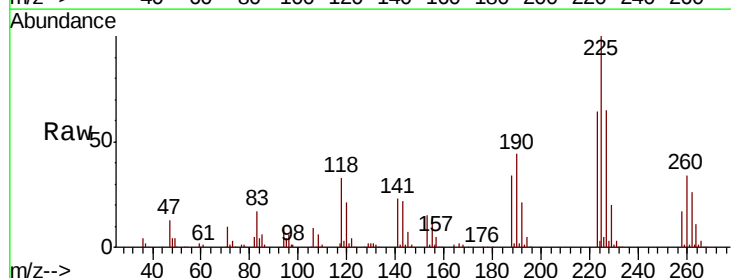
RT: 8.26 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

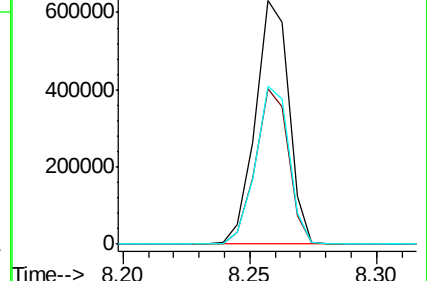
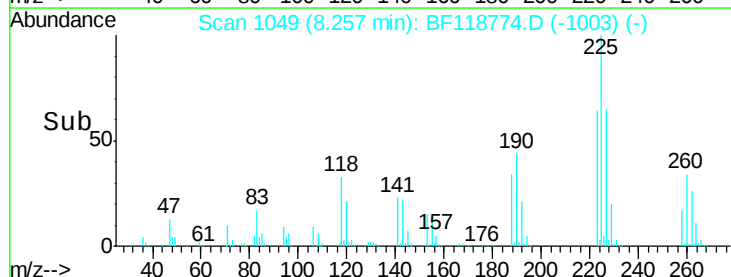
Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.8	50.3	75.5	
227	65.1	50.5	75.7	

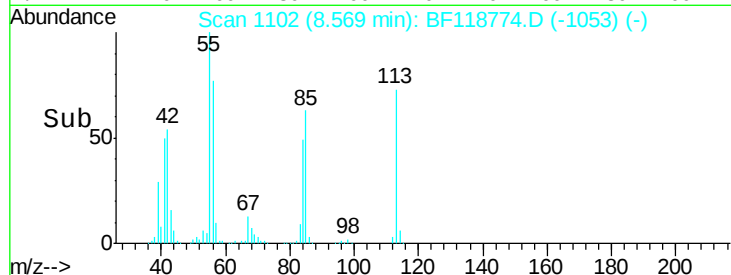
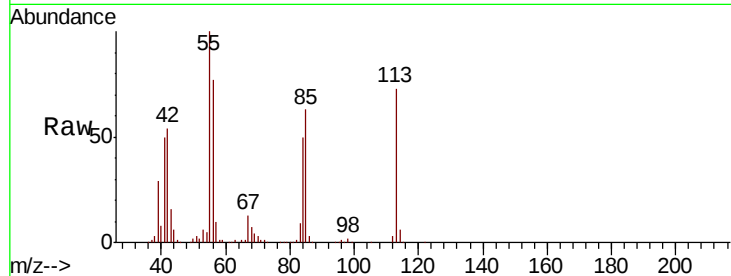
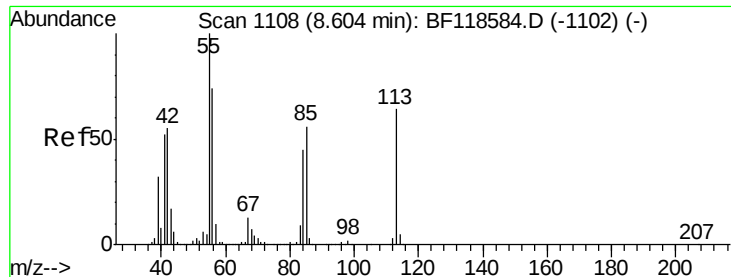


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.841 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tot Ion:	113	Resp:	268059
Ion Ratio	Lower	Upper	
113	100		
55	136.8	119.0	159.0
56	105.3	85.4	125.4

Instrument :

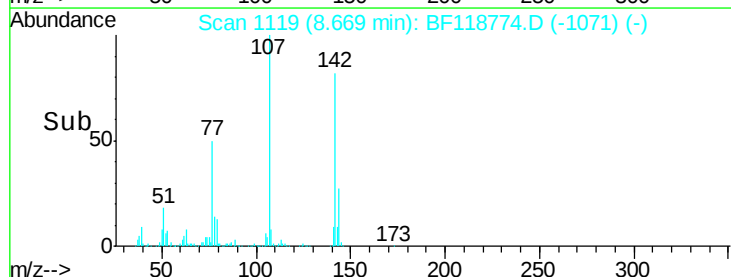
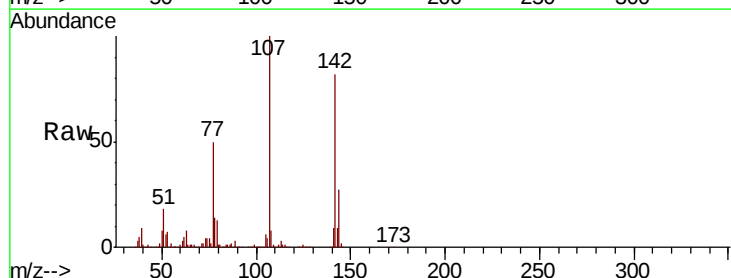
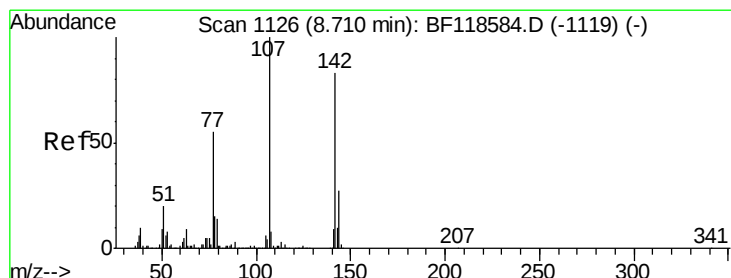
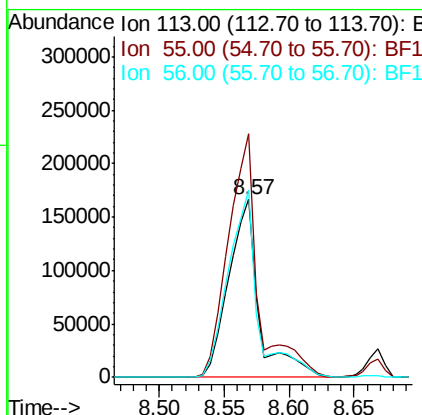
BNA_F

ClientSampleId :

SSTDCCC040

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#36

4-Chloro-3-methylphenol

Concen: 41.646 ng/mL

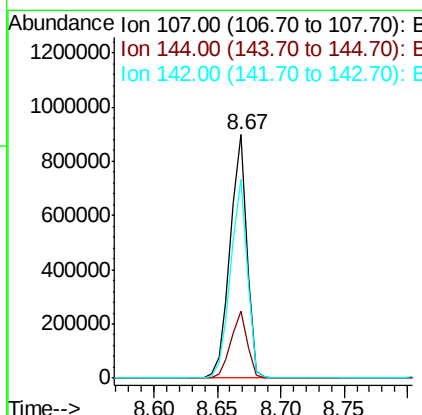
RT: 8.67 min Scan# 1119

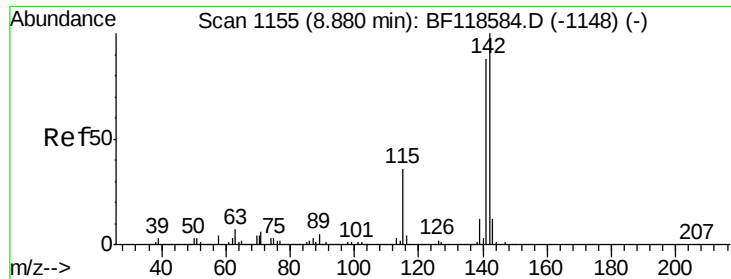
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	107	Resp:	824825
Ion Ratio	Lower	Upper	
107	100		
144	27.3	20.9	31.3
142	81.6	64.5	96.7





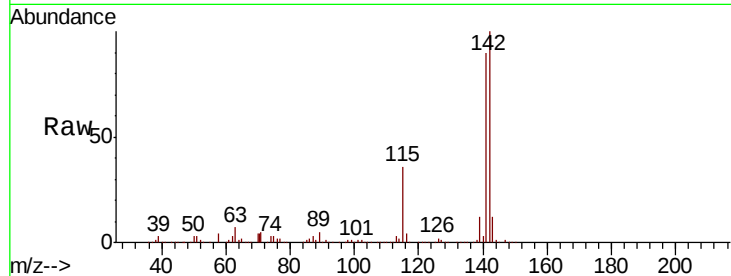
#37
2-Methylnaphthalene
Concen: 41.372 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0
115	36.0	27.5	41.3

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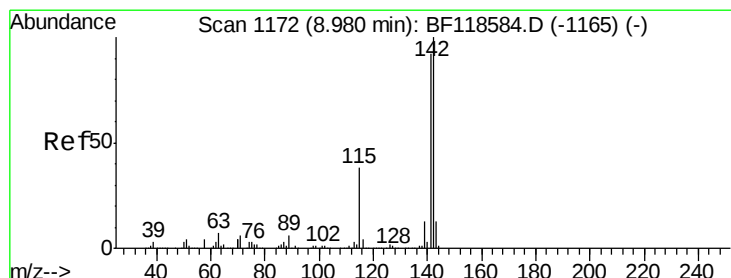
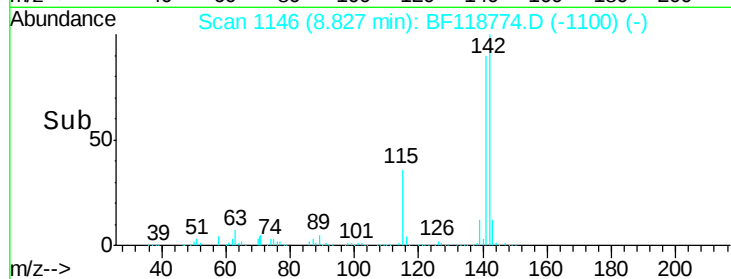
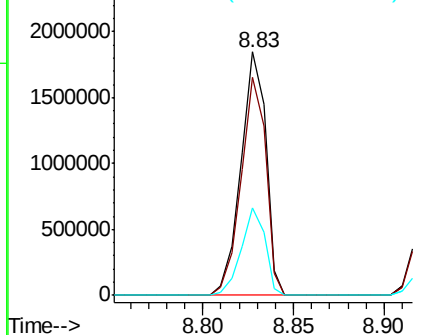


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.966 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

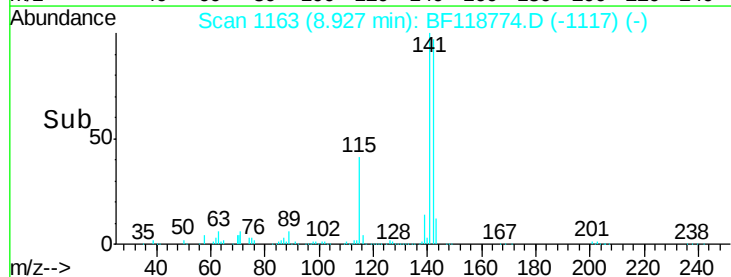
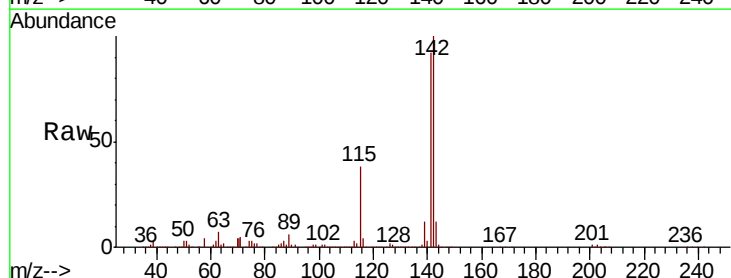
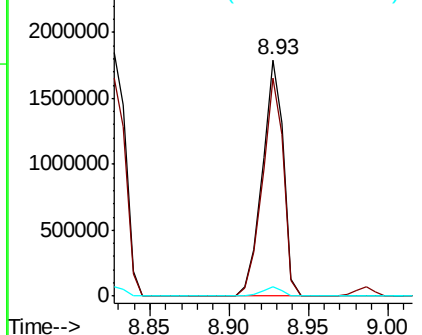
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
116	3.9	3.0	4.6

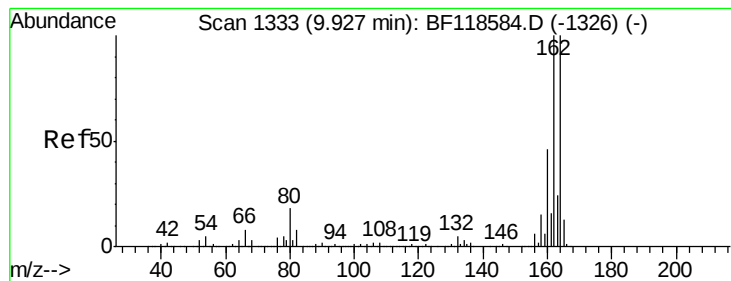
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

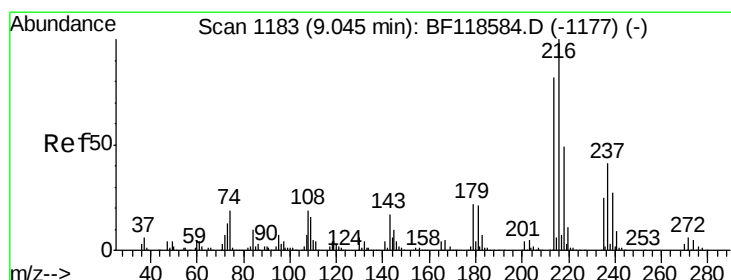
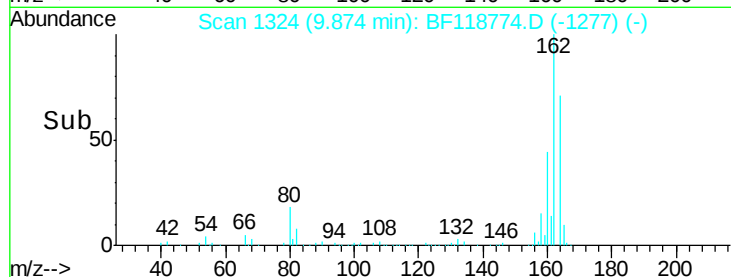
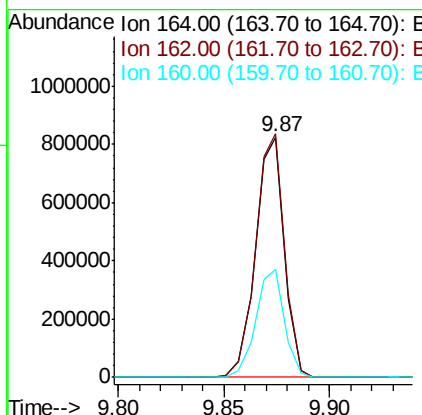
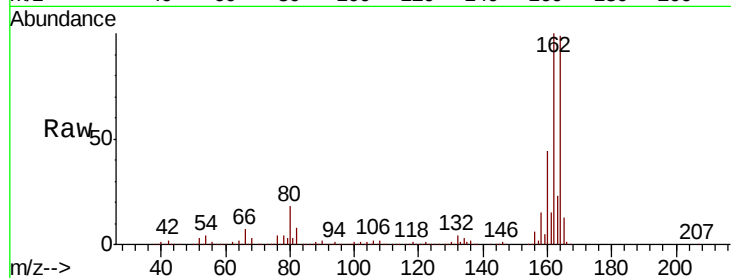
ClientSampleID :

SSTDCCC040

Tot Ion:	164	Resp:	777695
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.8	121.2
160	45.1	35.4	53.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.351 ng

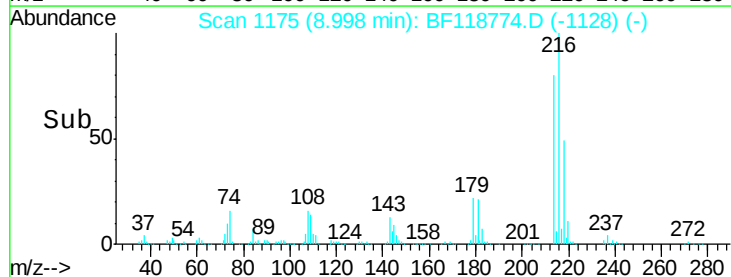
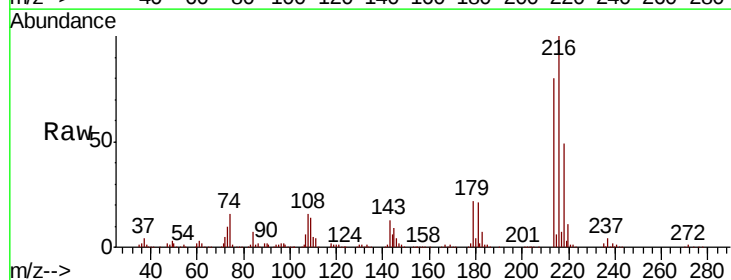
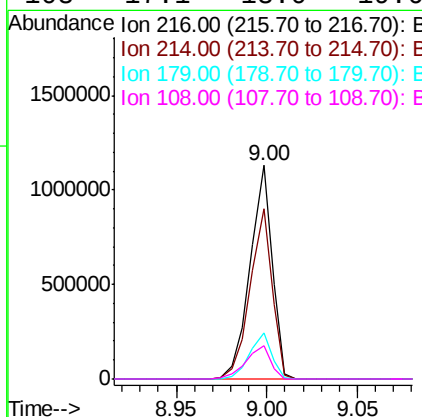
RT: 9.00 min Scan# 1175

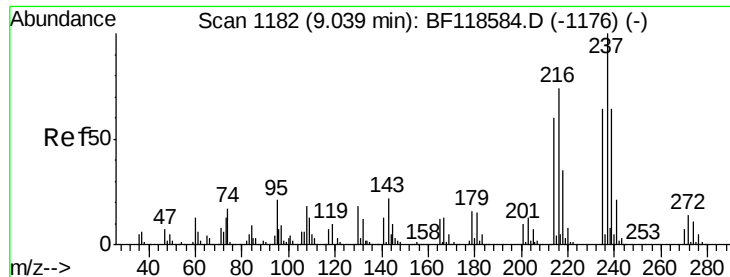
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	216	Resp:	957557
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.4	95.2
179	21.5	17.0	25.4
108	17.1	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 39.215 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

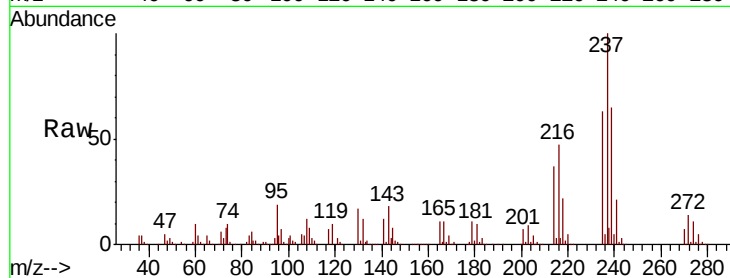
ClientSampleId :

SSTDCCC040

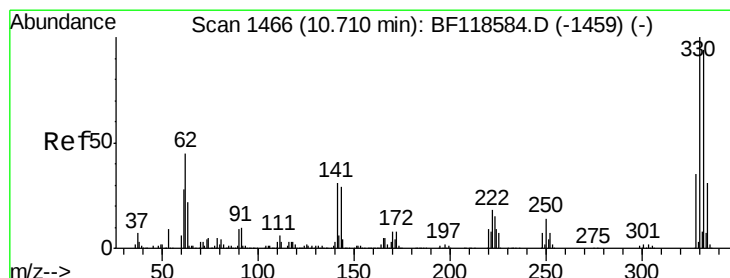
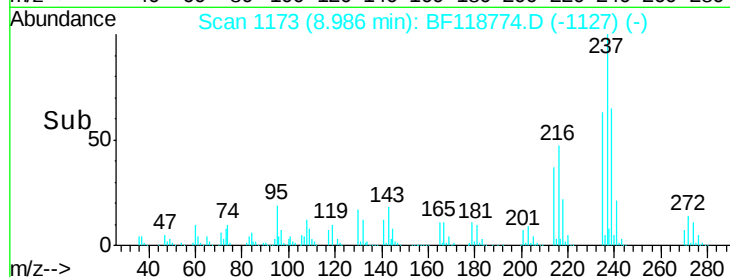
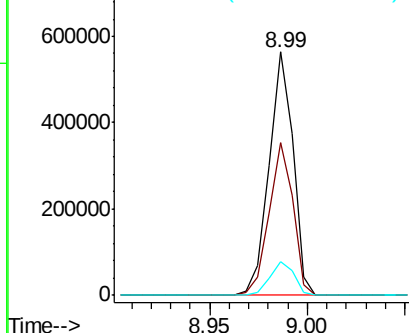
Tot Ion:	237	Resp:	481447
Ion Ratio		Lower	Upper
237	100		
235	62.9	42.7	82.7
272	13.9	0.0	34.4

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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: 86.816 ng

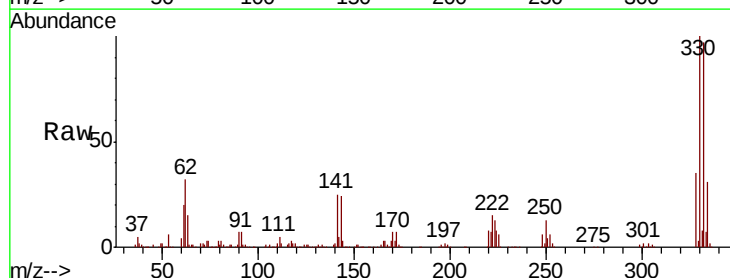
RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

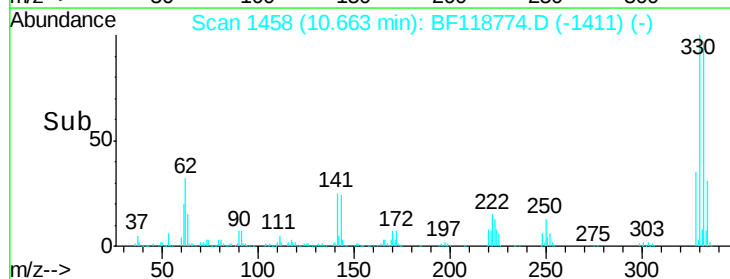
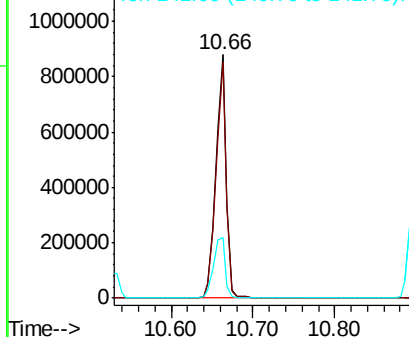
Lab File: BF118774.D

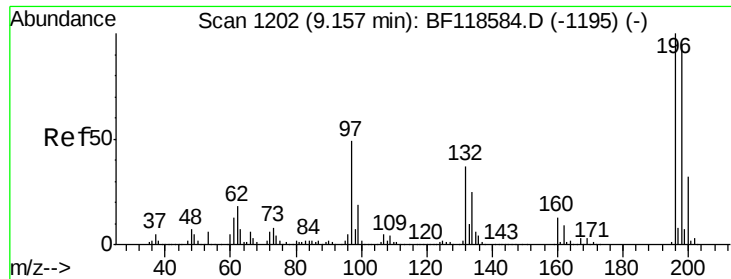
Acq: 31 Jan 2020 11:33

Tgt Ion:	330	Resp:	780911
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.6	116.4
141	28.1	22.2	33.2



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





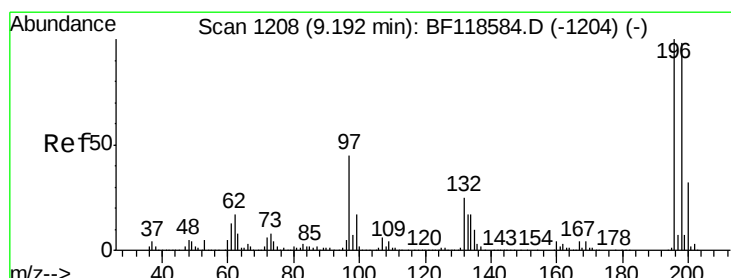
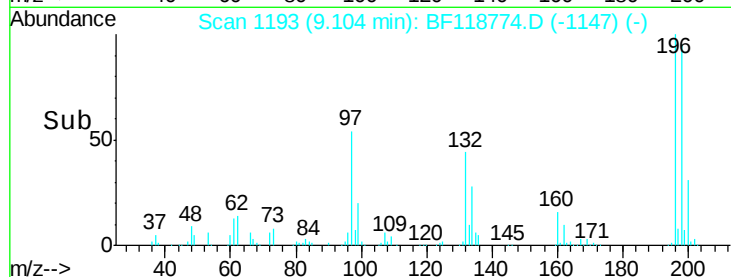
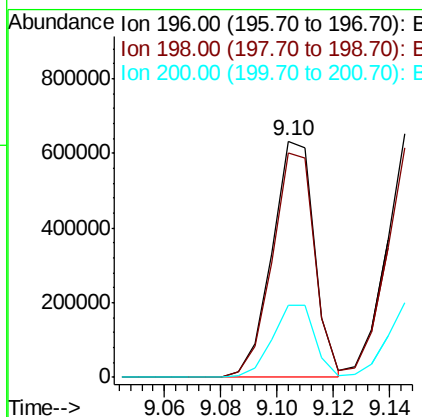
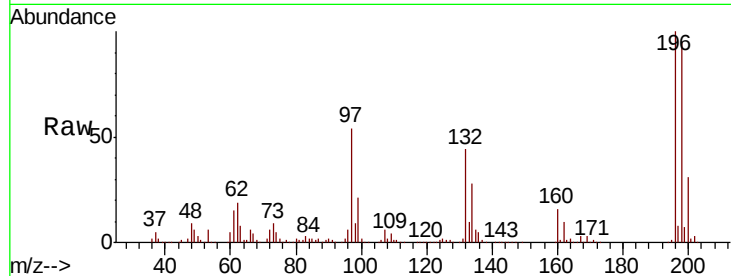
#43
2,4,6-Trichlorophenol
Concen: 40.661 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	656562		
198	95.2	76.4	114.6	
200	30.6	25.4	38.2	

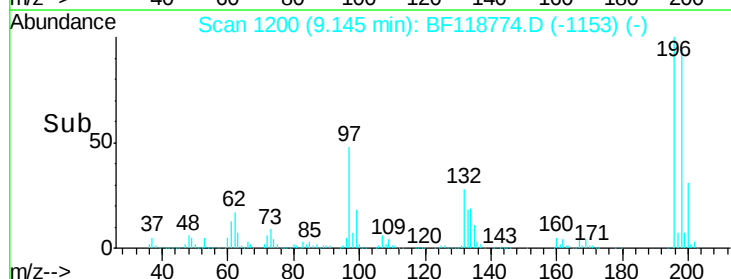
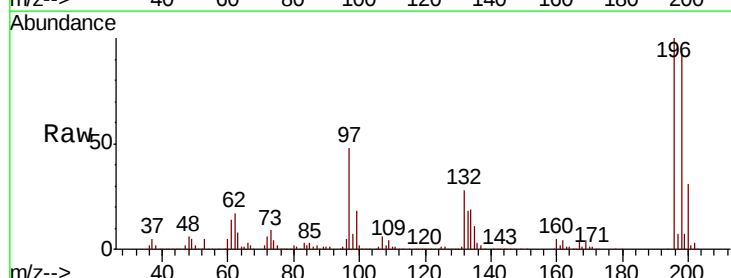
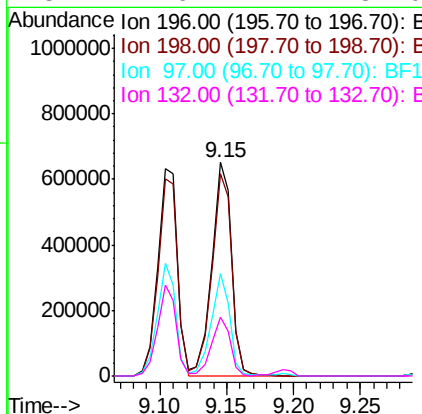
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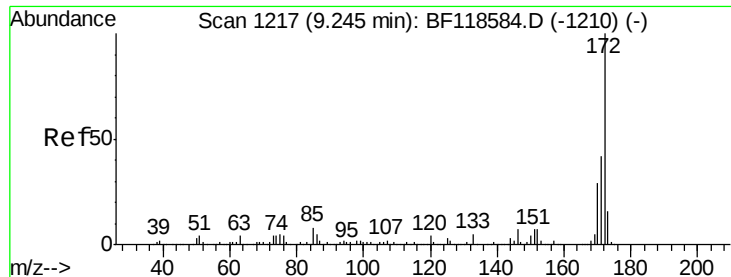
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 40.976 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	675744		
198	94.4	76.2	114.4	
97	47.7	35.7	53.5	
132	27.6	21.4	32.0	





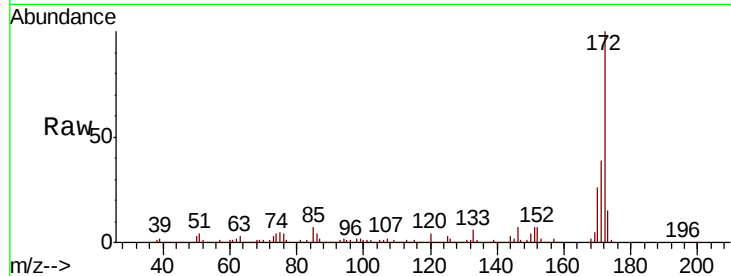
#45
2-Fluorobiphenyl
Concen: 73.103 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.0	46.4
170	26.2	20.7	31.1

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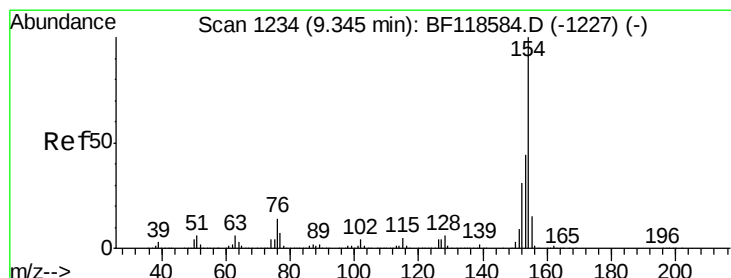
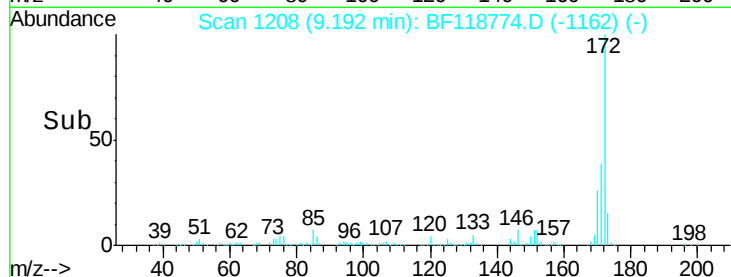
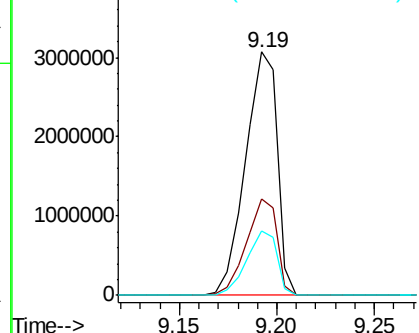


Abundance

Ion 172.00 (171.70 to 172.70): E

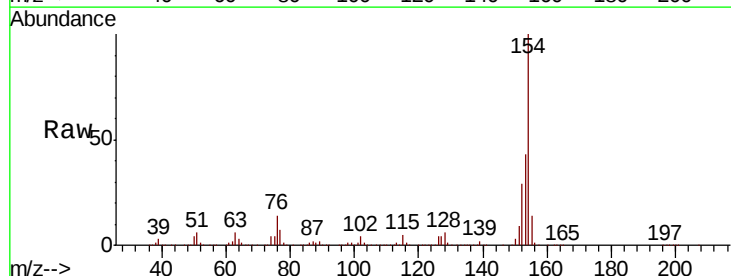
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.178 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.3	62.3
76	13.8	0.0	32.0

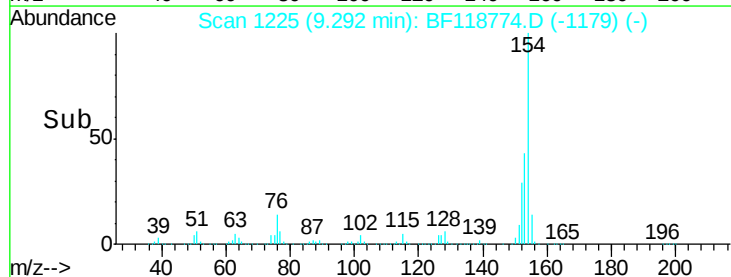
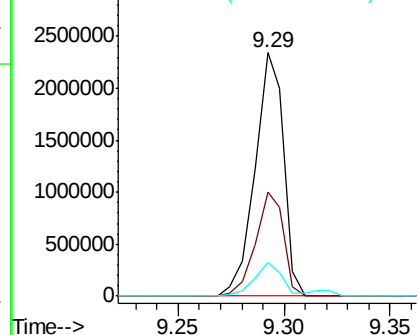


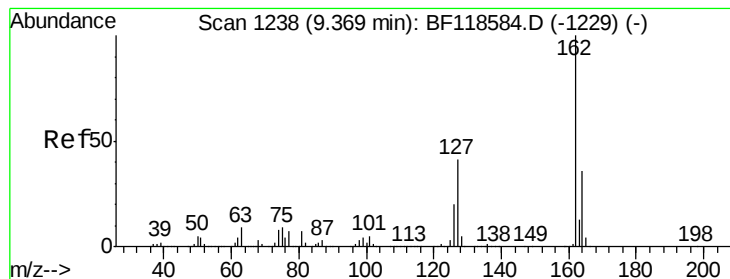
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





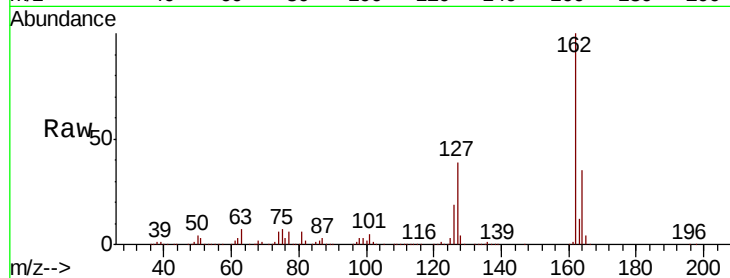
#47
 2-Chloronaphthalene
 Concen: 40.318 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

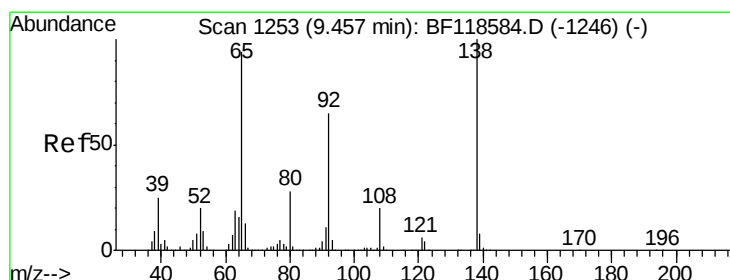
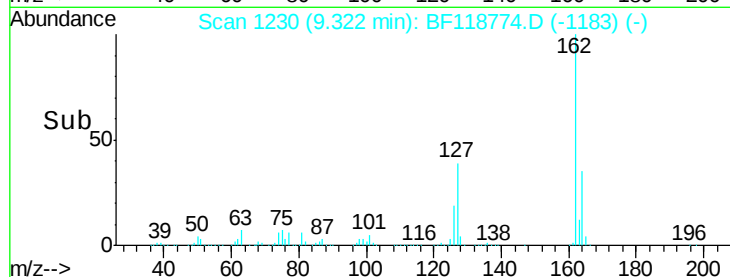
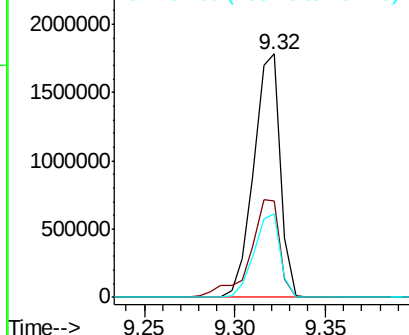
Tot Ion:	162	Resp:	1821422
Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.9	49.3
164	34.6	27.5	41.3

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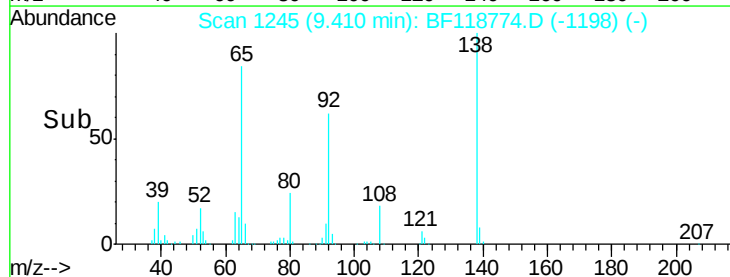
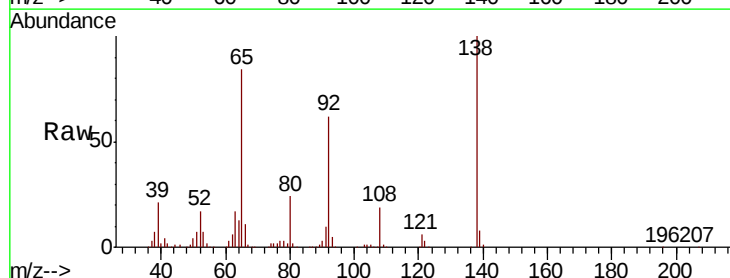
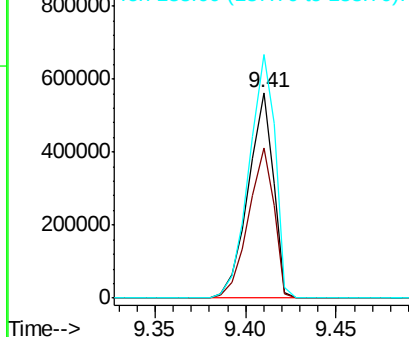
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

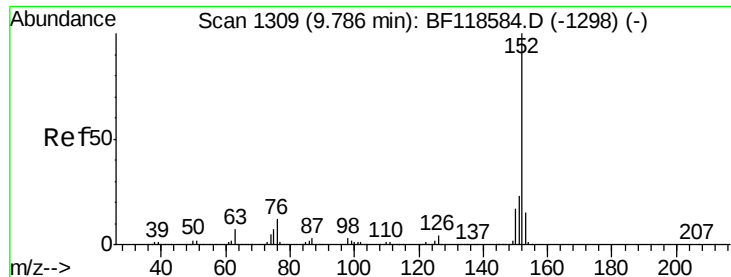


#48
 2-Nitroaniline
 Concen: 39.224 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Tgt Ion:	65	Resp:	544716
Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.8	86.6
138	118.6	95.1	142.7

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





#49

Acenaphthylene

Concen: 41.668 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2648225

Ion Ratio Lower Upper

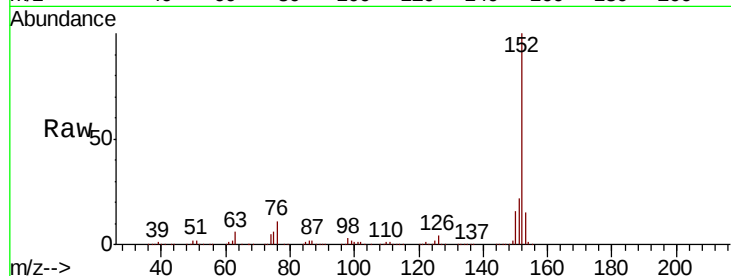
152 100

151 21.9 17.1 25.7

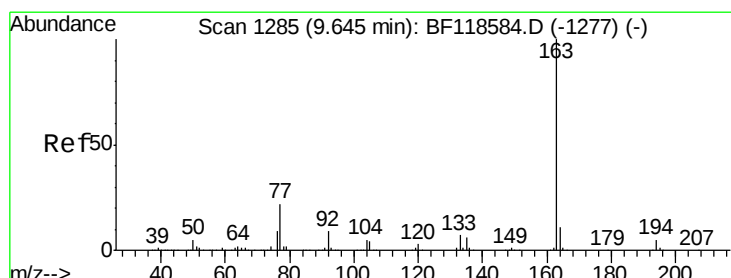
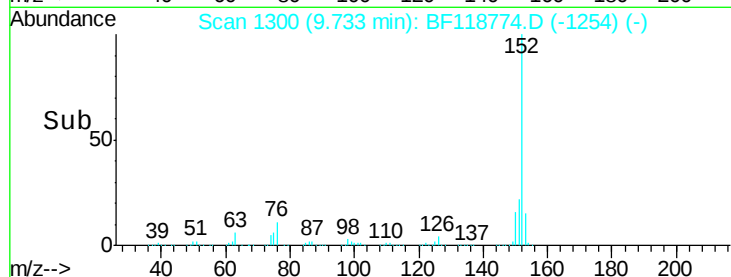
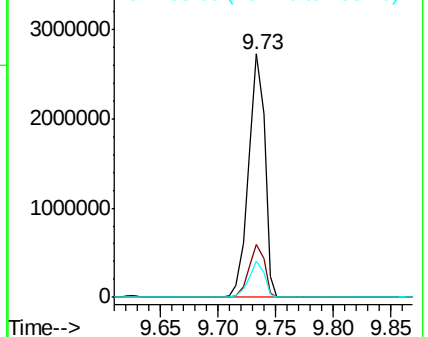
153 14.7 11.0 16.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.533 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

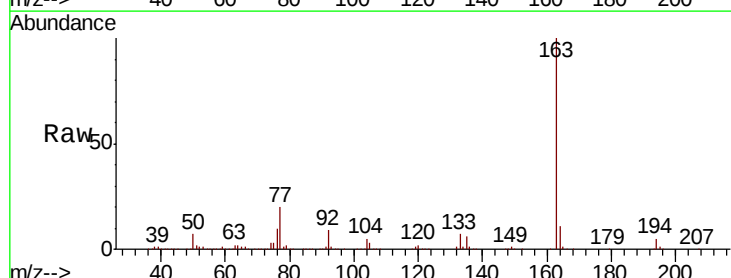
Tgt Ion:163 Resp: 2205711

Ion Ratio Lower Upper

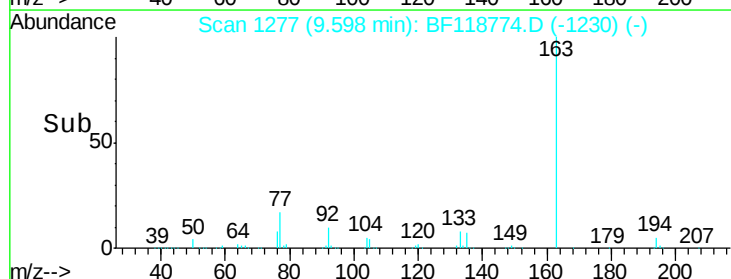
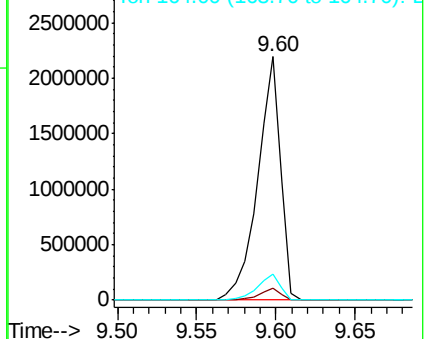
163 100

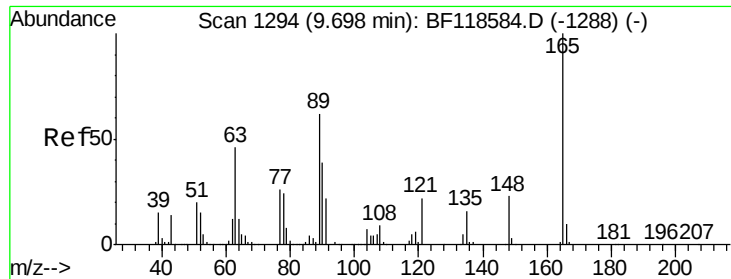
194 4.7 3.7 5.5

164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





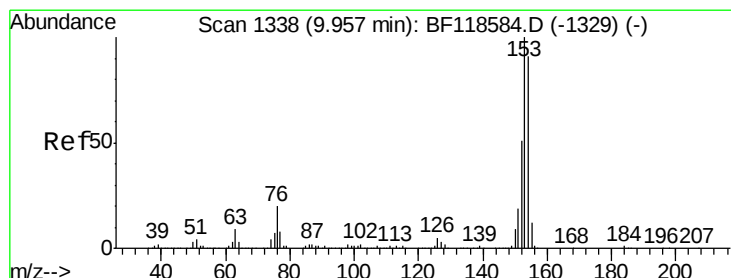
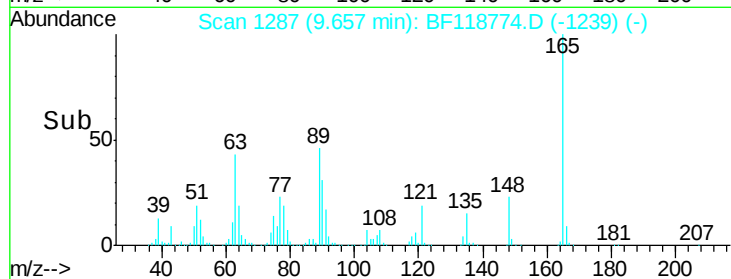
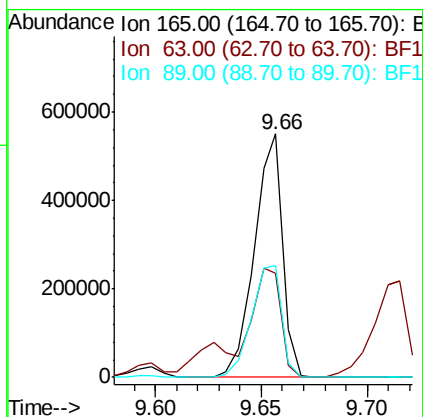
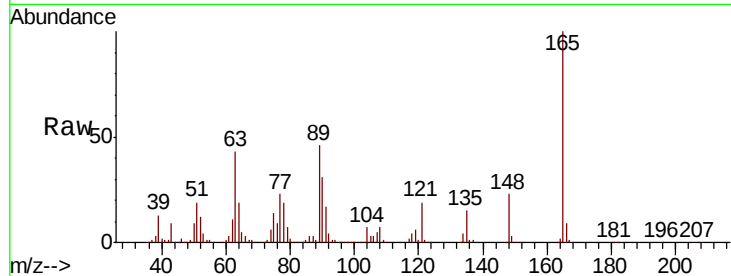
#51
 2,6-Dinitrotoluene
 Concen: 44.905 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.9	39.8	59.6	
89	45.8	41.4	62.2	

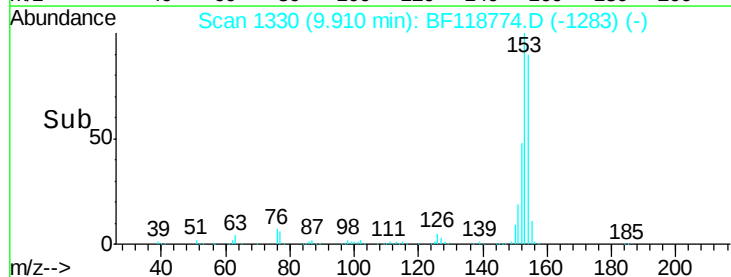
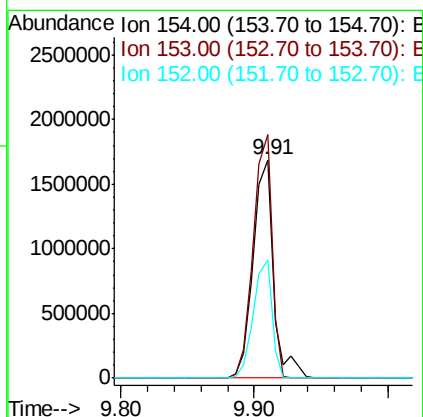
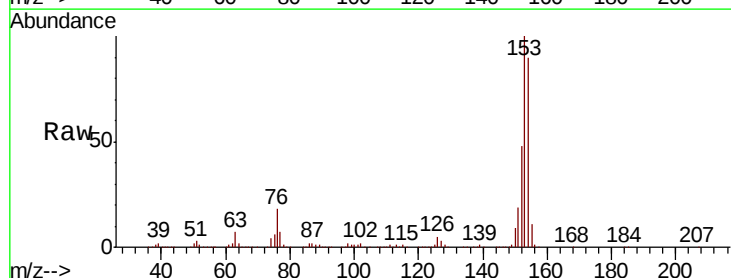
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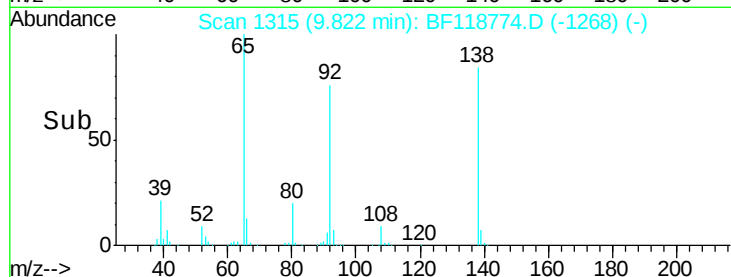
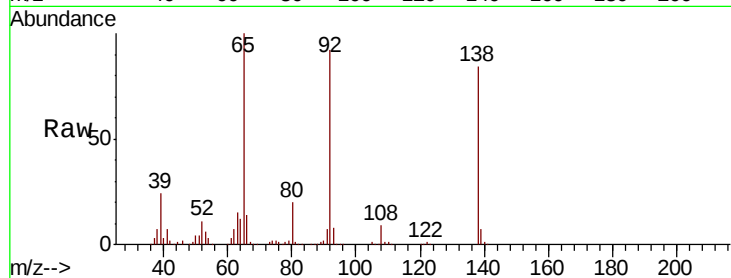
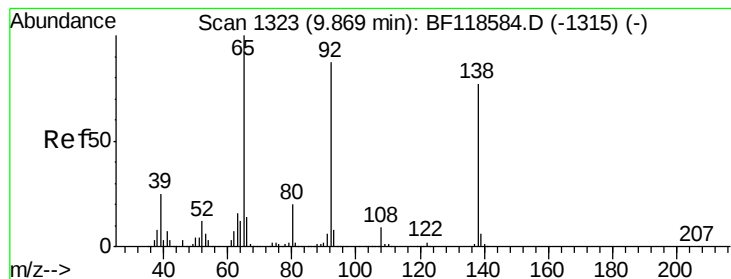
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#52
 Acenaphthene
 Concen: 41.452 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.7	89.1	133.7	
152	54.0	43.0	64.6	





#53

3-Nitroaniline

Concen: 43.912 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tot Ion	138	Resp	568898
Ion Ratio	Lower	Upper	
138	100		
108	11.2	8.8	13.2
92	109.9	87.8	131.6

Instrument :

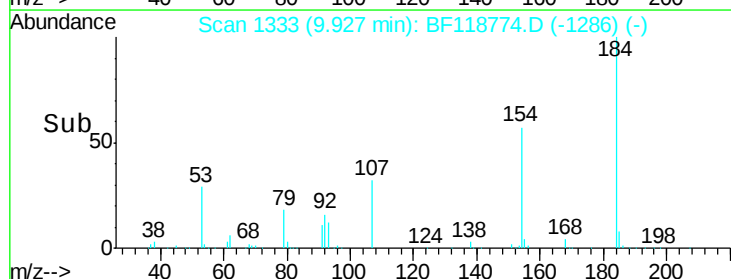
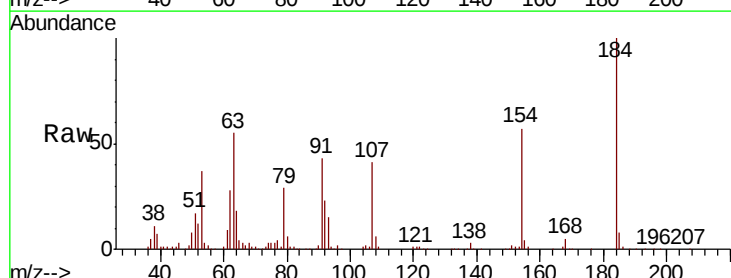
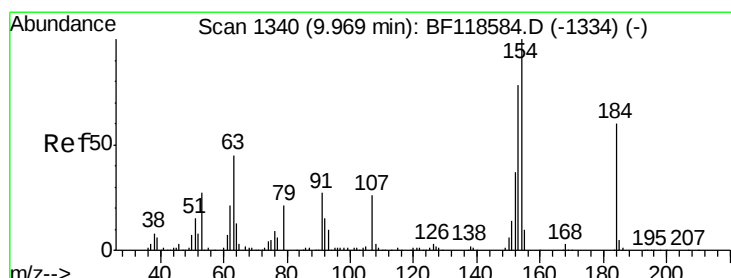
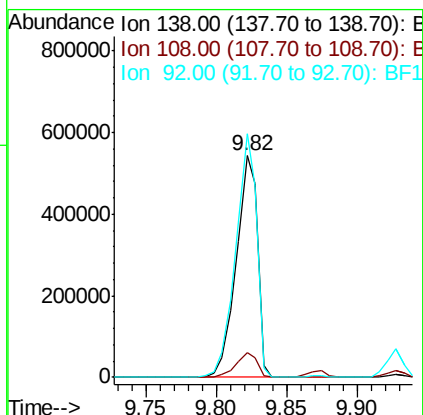
BNA_F

ClientSampleId :

SSTDCCC040

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#54

2,4-Dinitrophenol

Concen: 57.443 ng

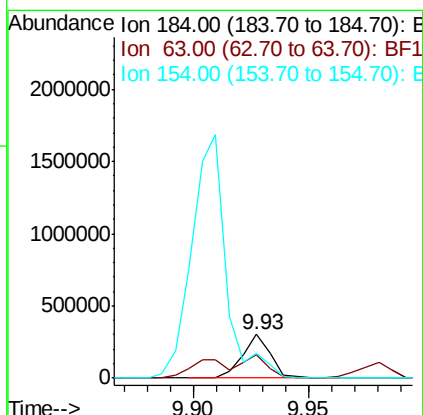
RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion	184	Resp	260192
Ion Ratio	Lower	Upper	
184	100		
63	55.2	36.0	54.0#
154	57.2	44.6	66.8





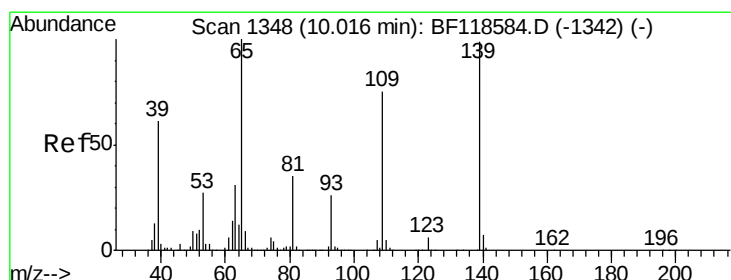
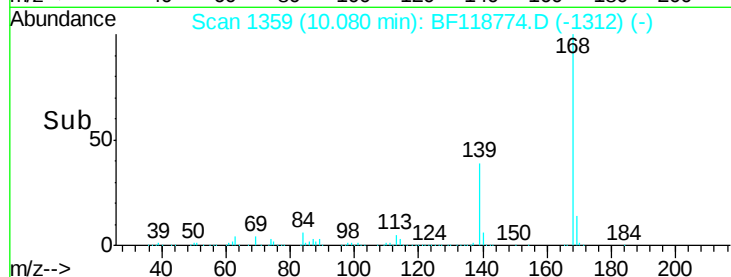
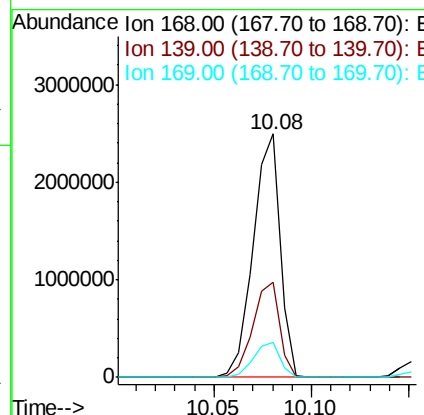
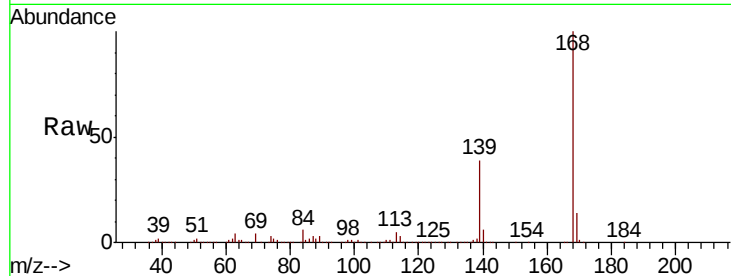
#55
Dibenzofuran
Concen: 40.592 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.6	47.4
169	14.3	11.4	17.0

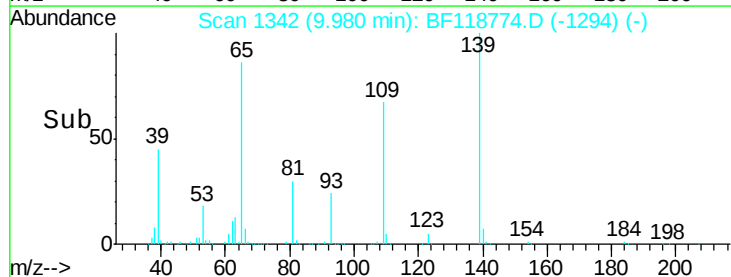
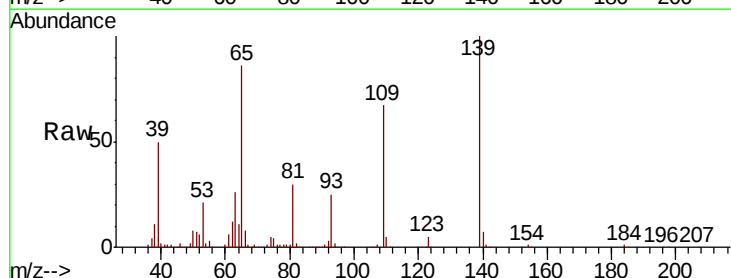
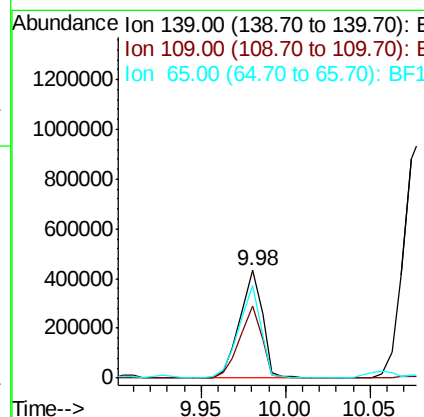
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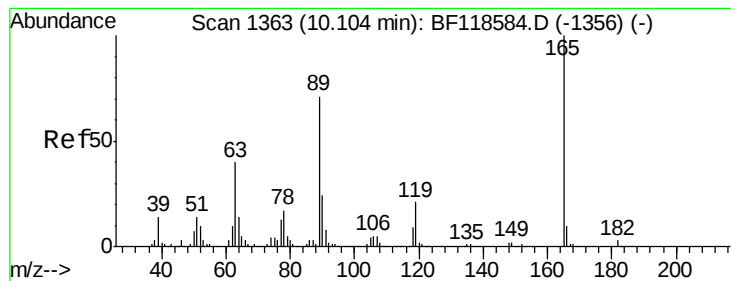
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#56
4-Nitrophenol
Concen: 41.830 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	47.0	87.0
65	86.4	65.7	105.7





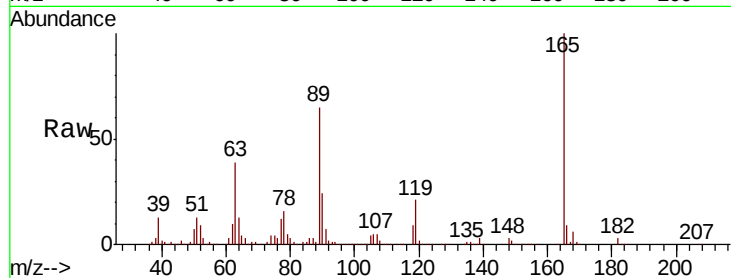
#57
 2,4-Dinitrotoluene
 Concen: 47.838 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	28.5	42.7
89	65.4	50.4	75.6
182	3.2	2.3	3.5

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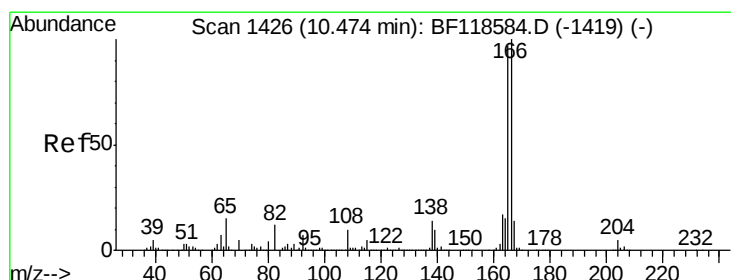
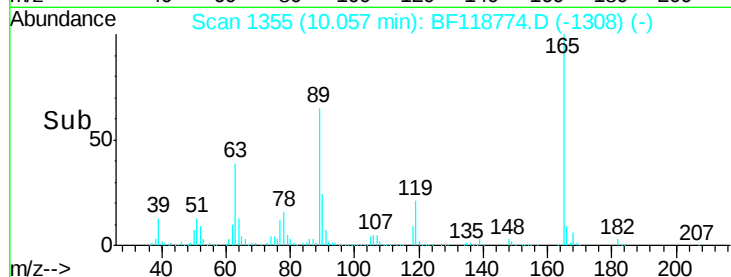
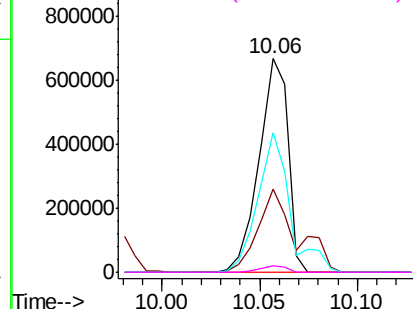
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.513 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

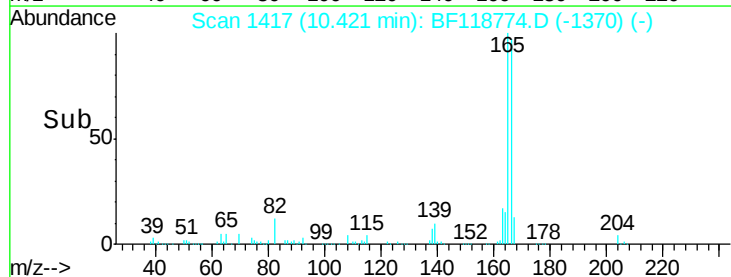
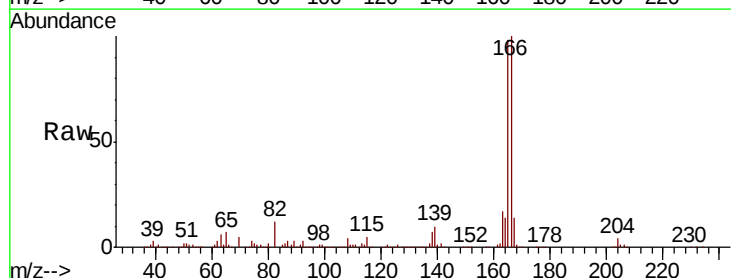
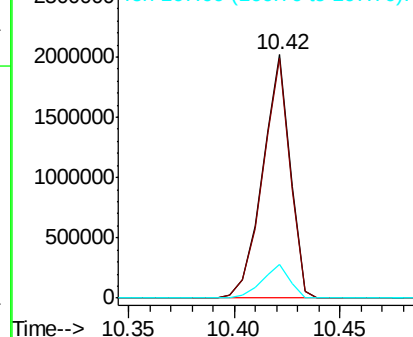
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	14.0	11.4	17.2

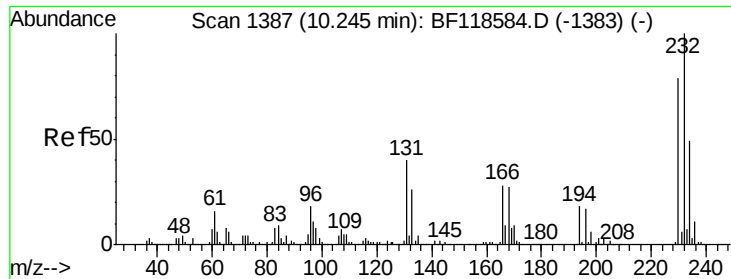
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





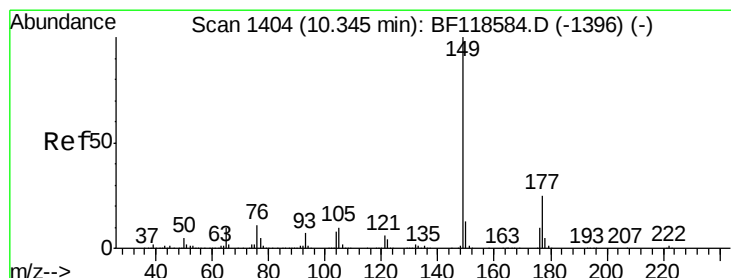
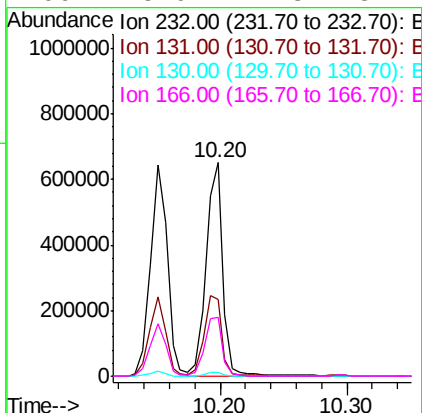
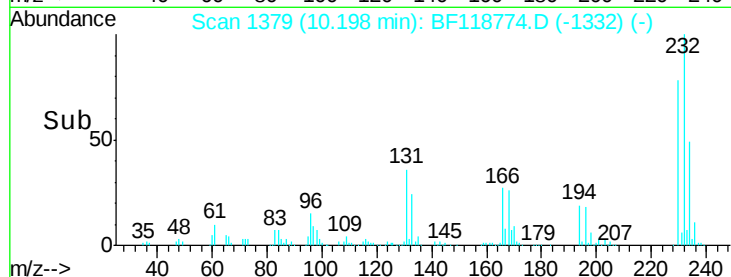
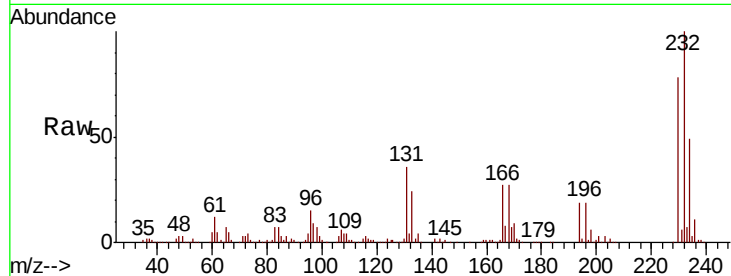
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.077 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.8	47.6
130	2.0	1.5	2.3
166	28.9	22.8	34.2

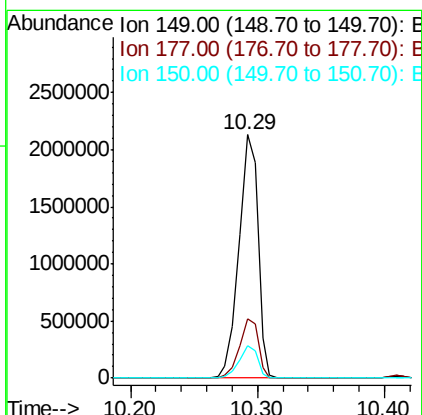
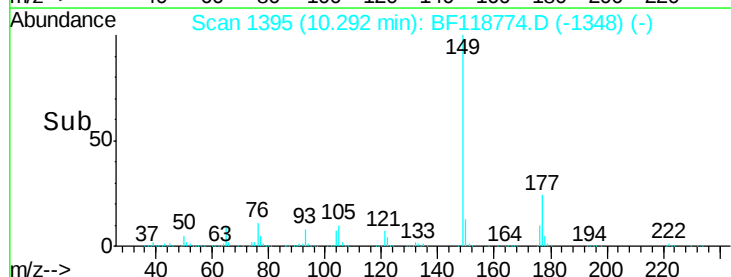
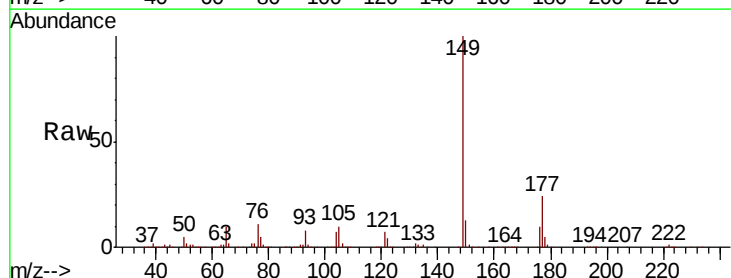
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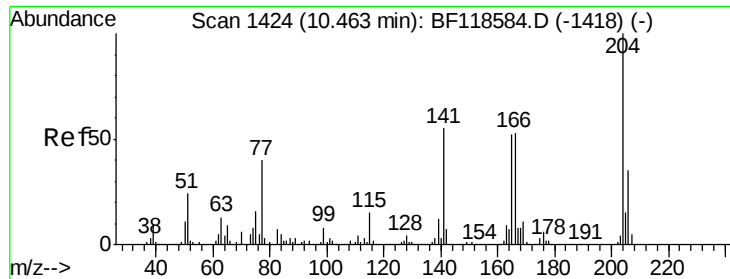
mohammad
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#60
Diethylphthalate
Concen: 44.798 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	13.4	10.5	15.7





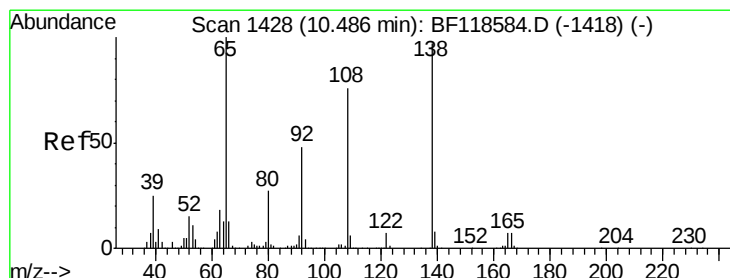
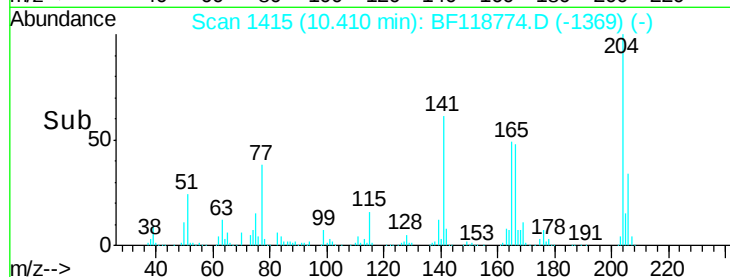
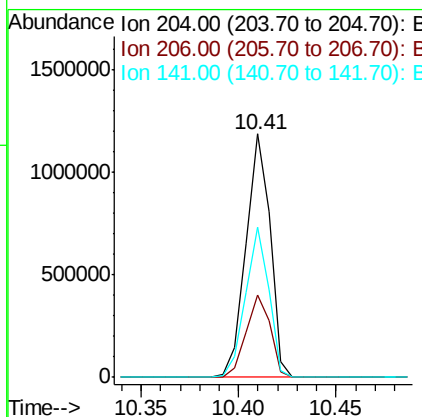
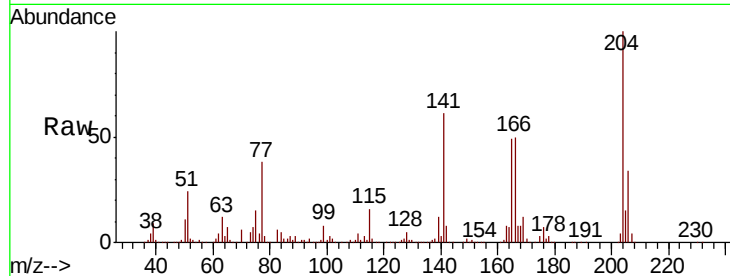
#61
4-Chlorophenyl-phenylether
Concen: 40.473 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.0	40.6
141	61.4	43.9	65.9

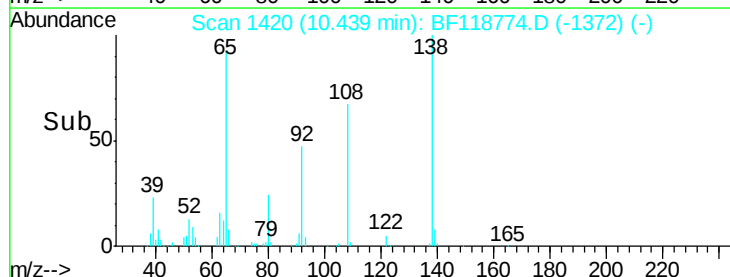
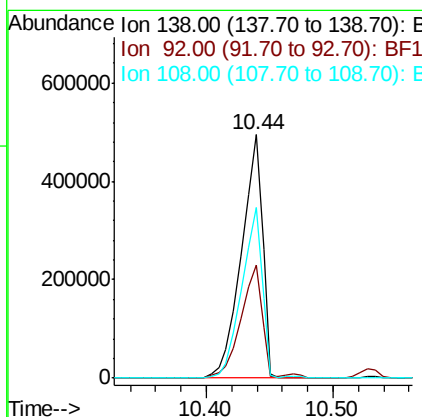
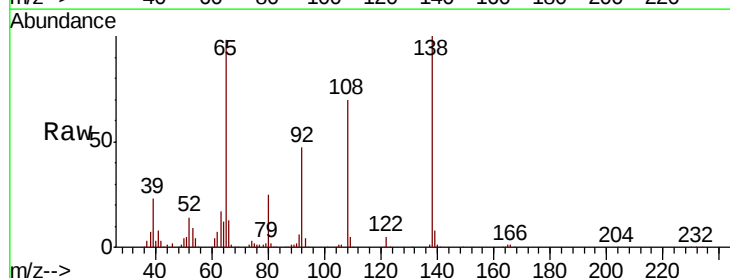
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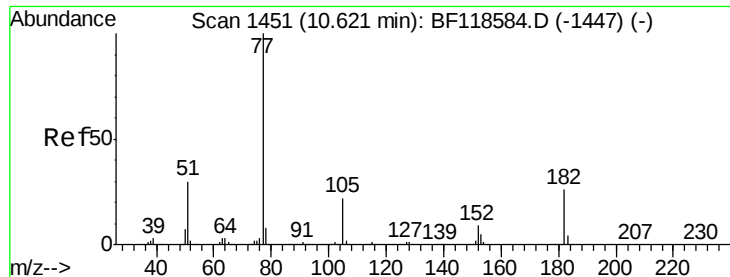
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#62
4-Nitroaniline
Concen: 43.049 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	29.2	69.2
108	70.0	50.8	90.8





#63

Azobenzene

Concen: 39.118 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1861112

Ion Ratio Lower Upper

77 100

182 34.2 12.3 52.3

105 24.3 4.0 44.0

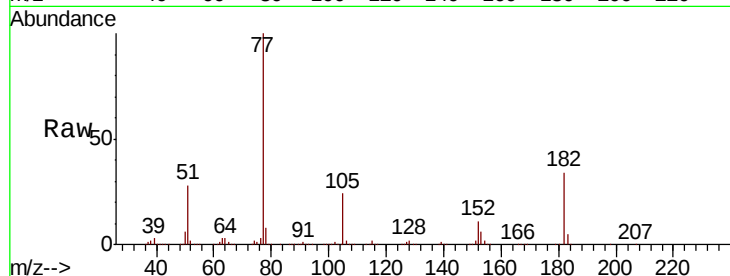
51 27.7 7.2 47.2

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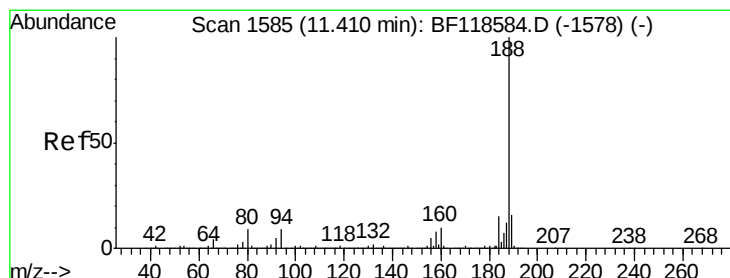
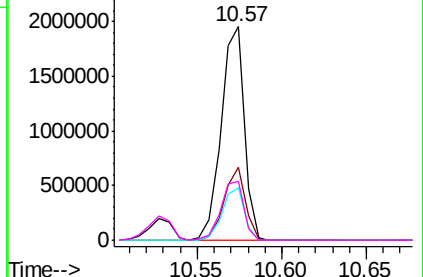
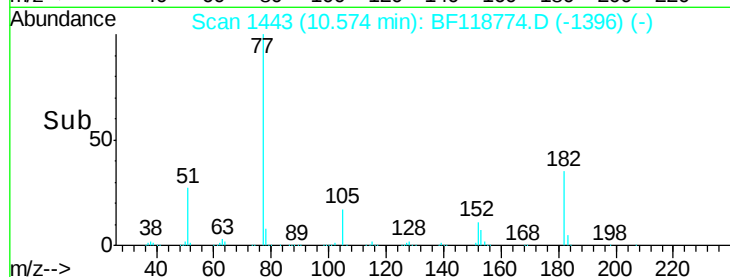
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

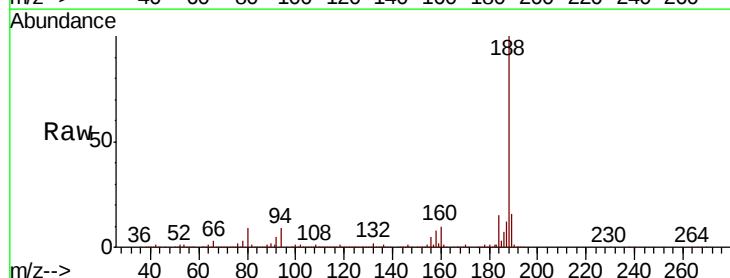
Tgt Ion: 188 Resp: 1428555

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.2 7.8 11.8

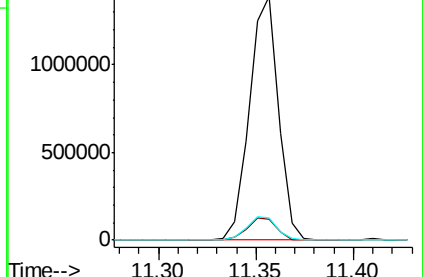
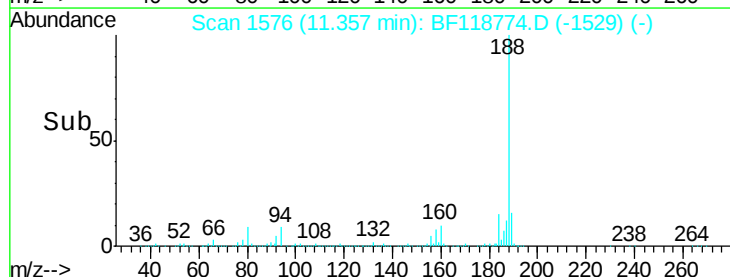


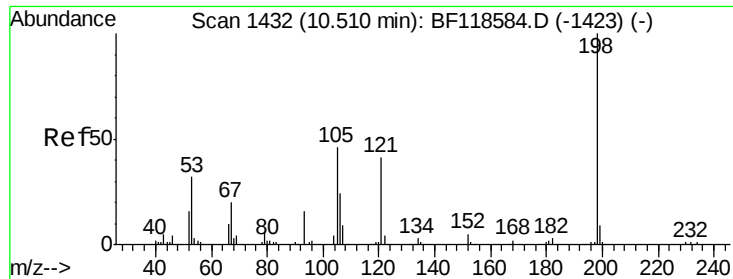
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 58.669 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

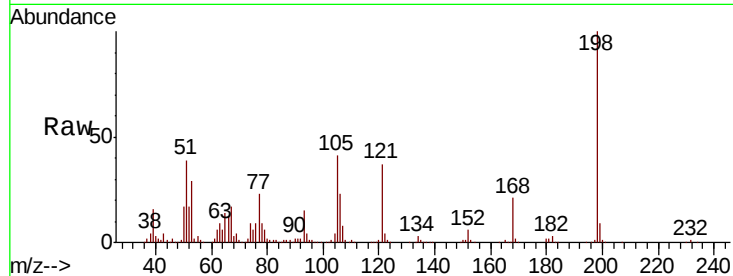
ClientSampleId :

SSTDCCC040

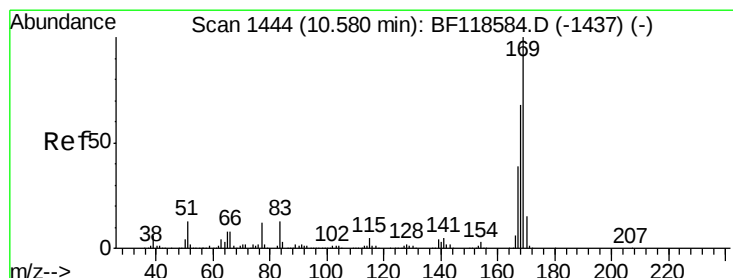
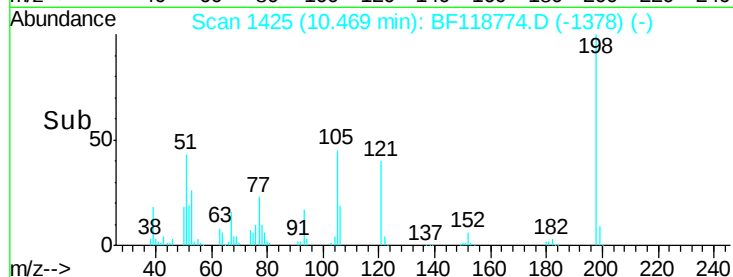
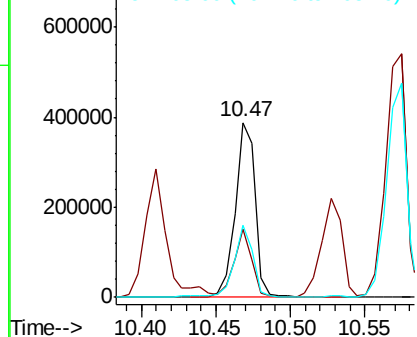
Tot Ion:	198	Resp:	368540
Ion Ratio	Lower	Upper	
198	100		
51	39.0	9.6	49.6
105	41.3	15.5	55.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.241 ng

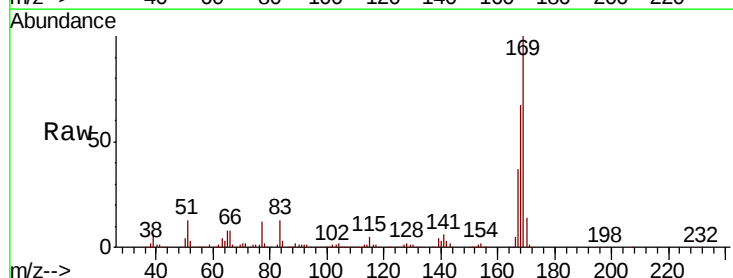
RT: 10.53 min Scan# 1435

Delta R.T. -0.03 min

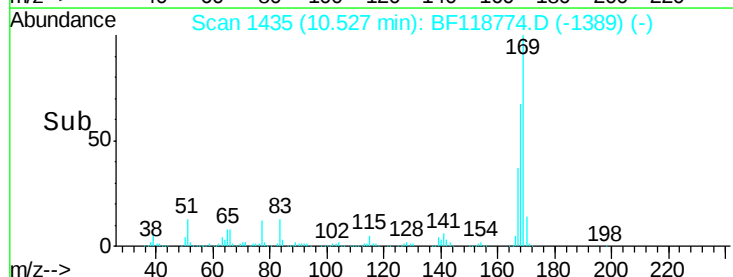
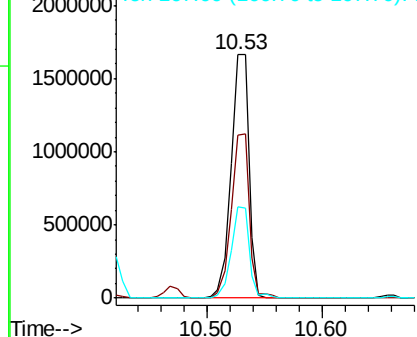
Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	169	Resp:	1776726
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.4	80.0
167	37.4	29.2	43.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





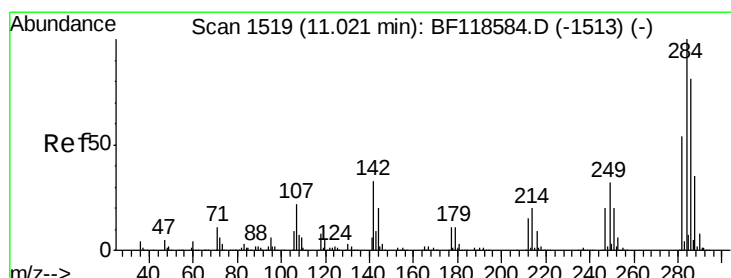
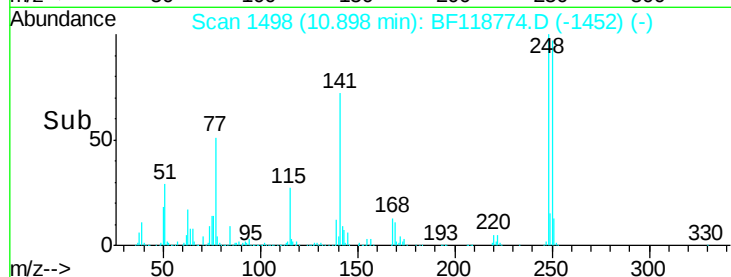
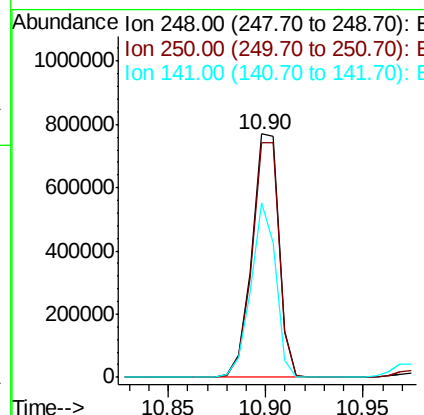
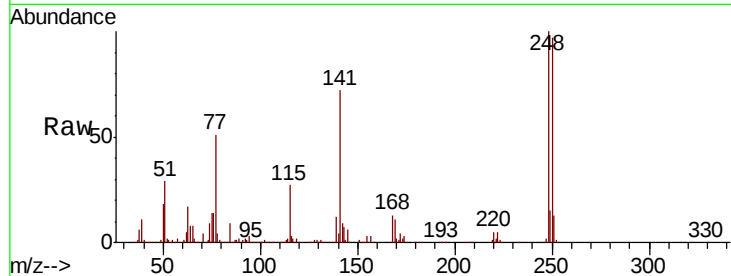
#67
4-Bromophenyl-phenylether
Concen: 41.819 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.7	118.1
141	71.7	48.4	72.6

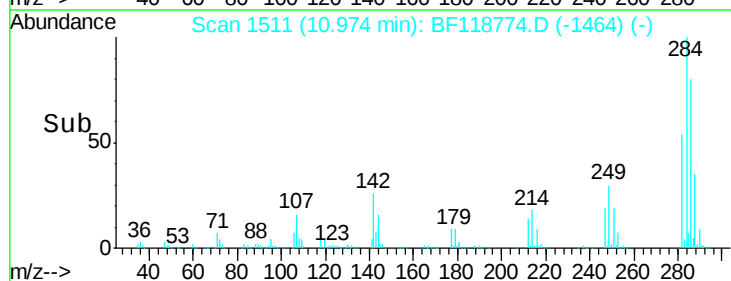
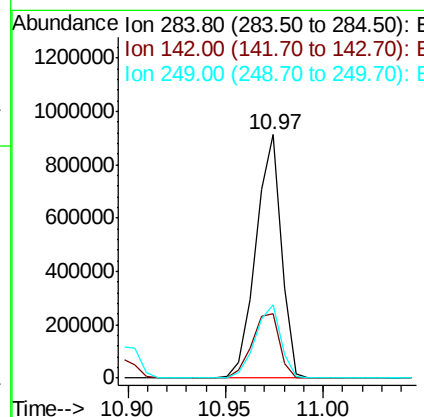
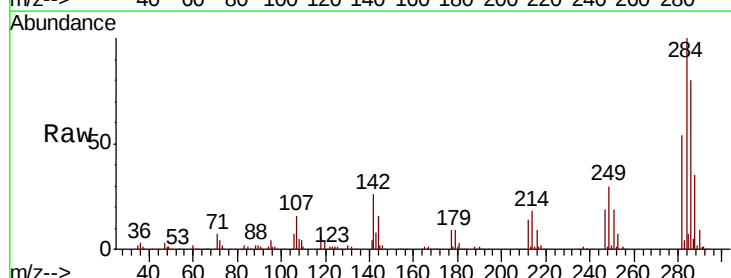
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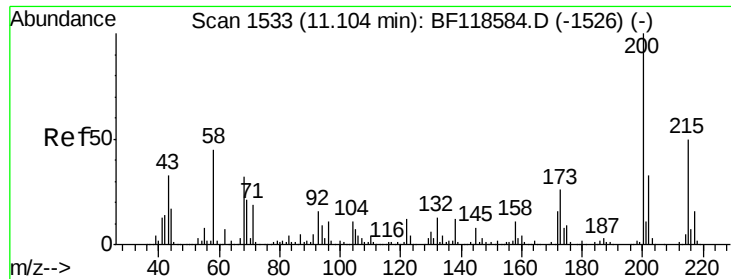
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#68
Hexachlorobenzene
Concen: 41.286 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	23.1	34.7
249	30.3	24.0	36.0





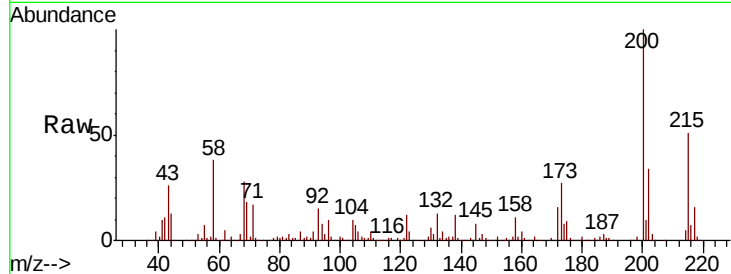
#69
Atrazine
Concen: 40.917 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

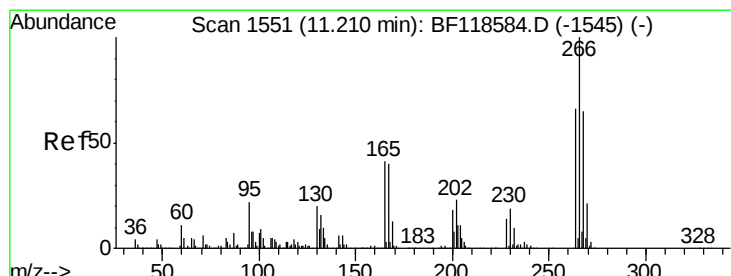
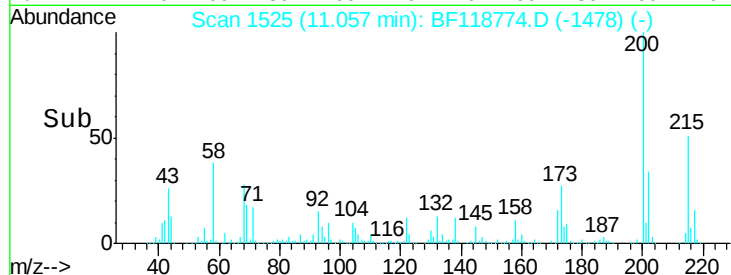
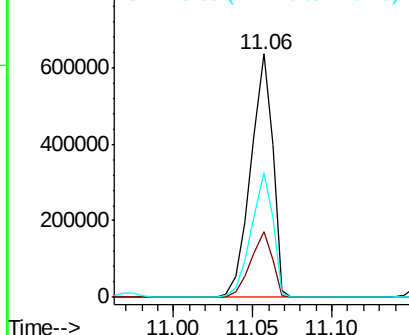
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.8	46.8
215	51.0	30.4	70.4

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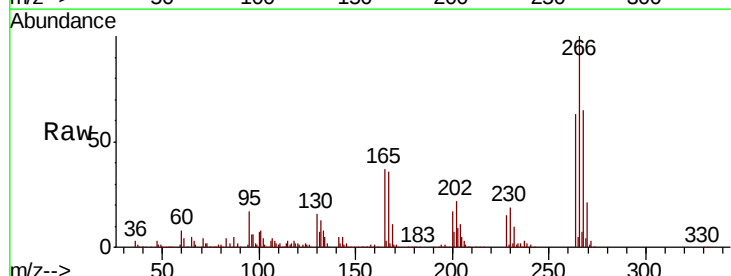


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

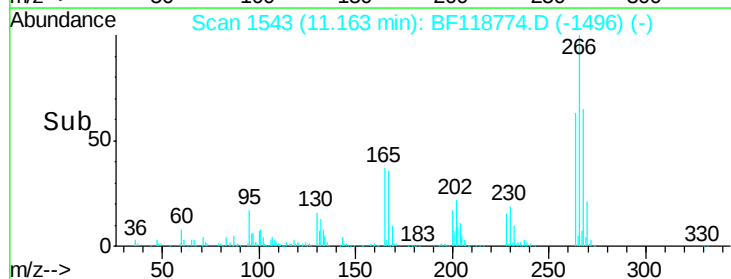
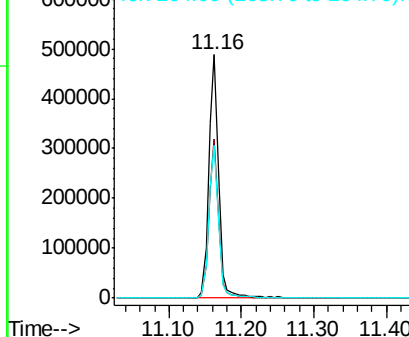


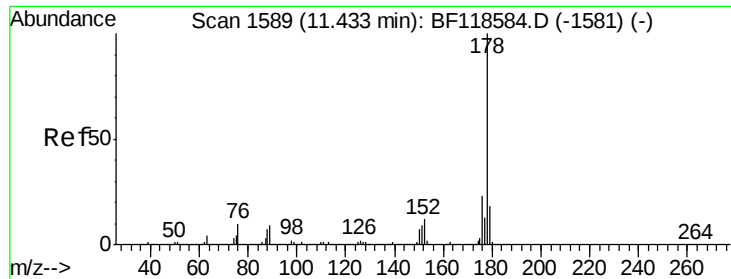
#70
Pentachlorophenol
Concen: 41.414 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.1	51.6	77.4
264	62.7	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.524 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2792927

Ion Ratio Lower Upper

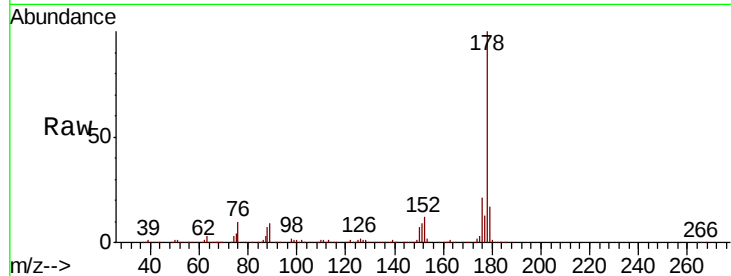
178 100

176 21.2 16.5 24.7

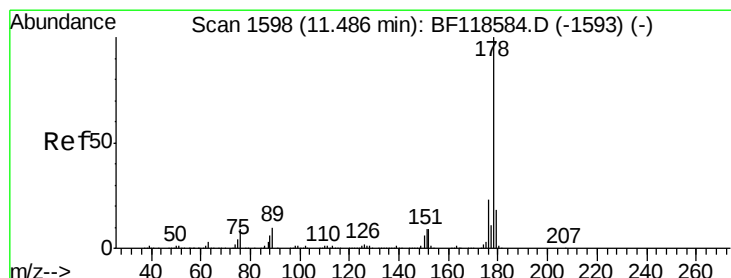
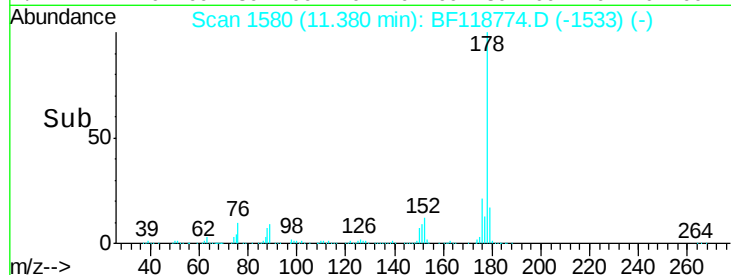
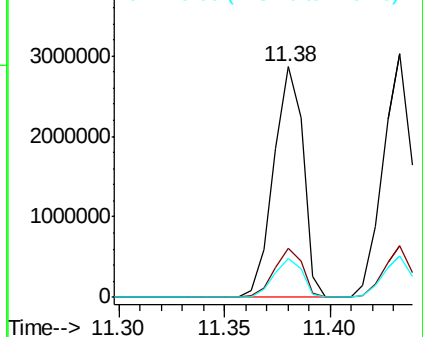
179 16.9 13.3 19.9

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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: 41.662 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

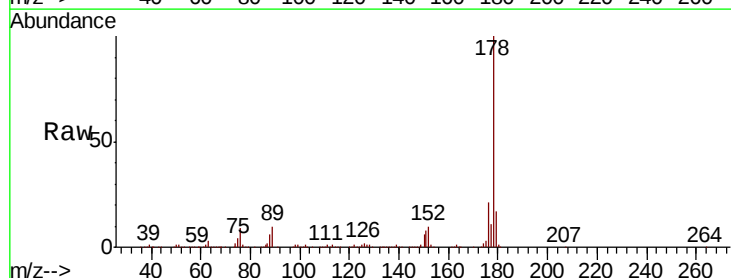
Tgt Ion:178 Resp: 2841178

Ion Ratio Lower Upper

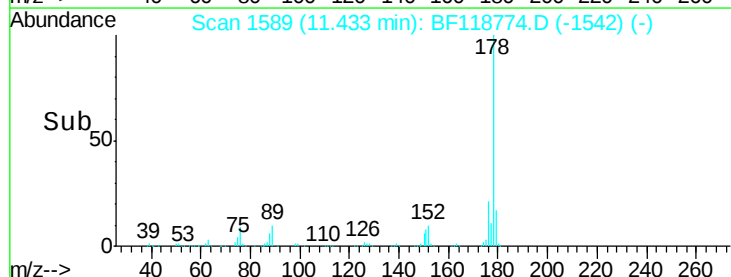
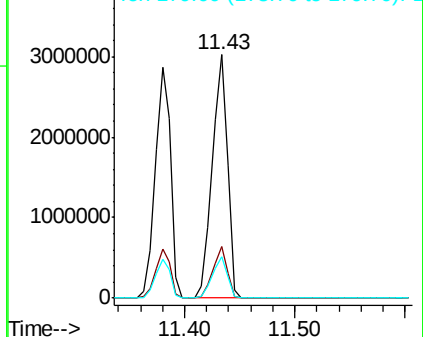
178 100

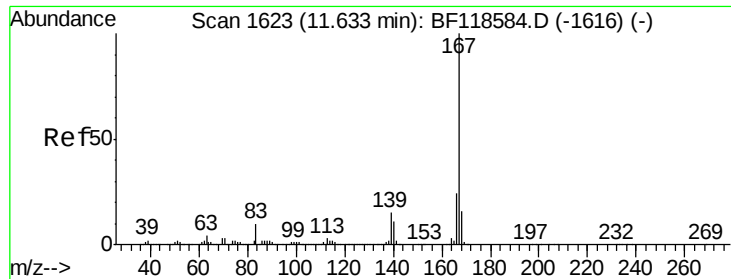
176 21.1 15.8 23.8

179 17.2 13.3 19.9



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





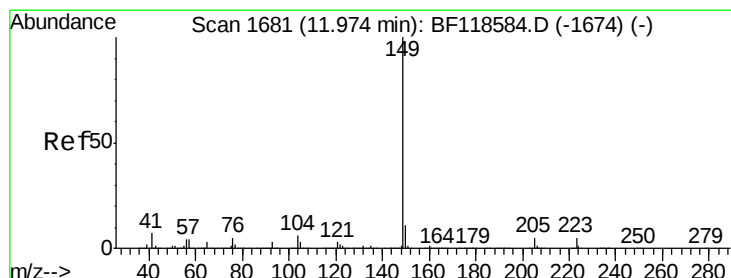
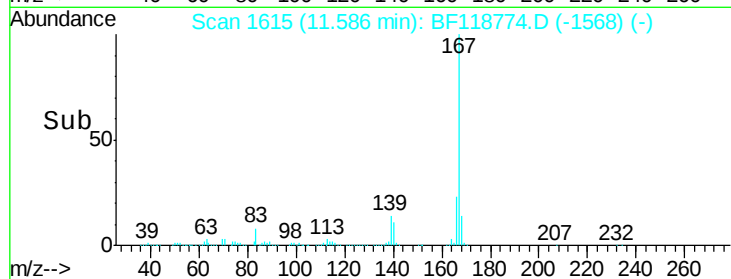
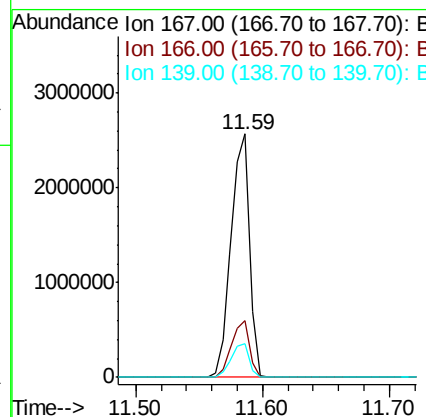
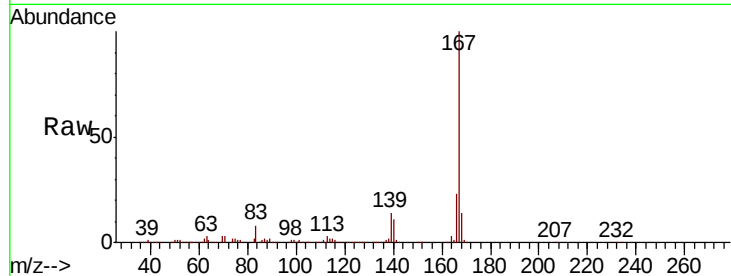
#73
 Carbazole
 Concen: 41.382 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.3	27.5
139	14.0	11.0	16.4

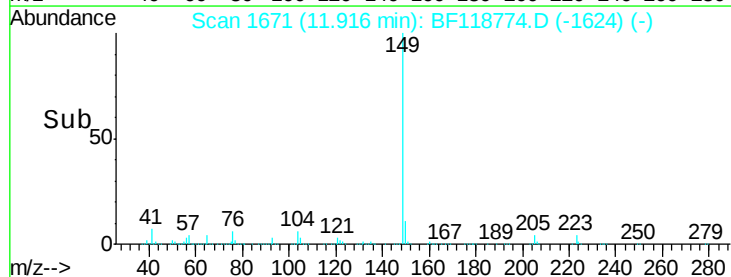
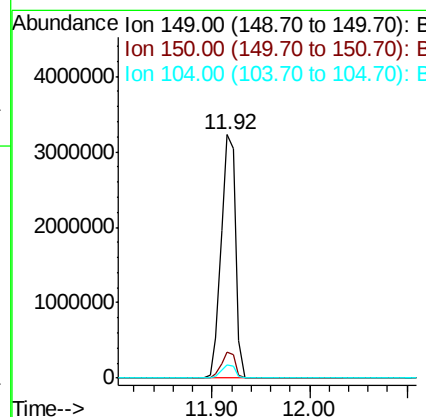
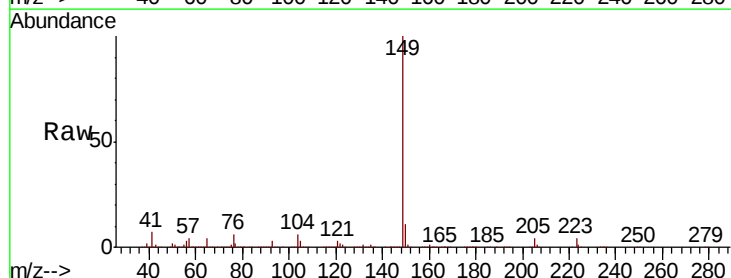
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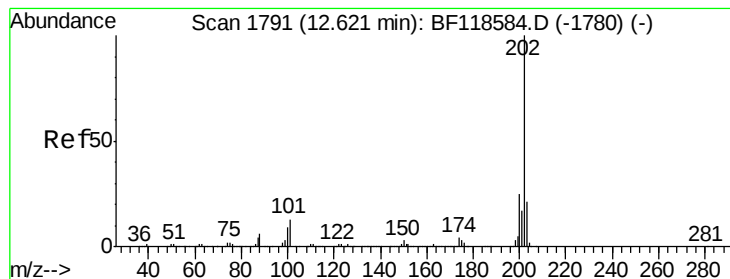
mohammad
 2/3/2020 4:10:09 PM



#74
 Di-n-butylphthalate
 Concen: 47.462 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.2	12.2
104	5.7	4.2	6.4





#75

Fluoranthene

Concen: 42.095 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

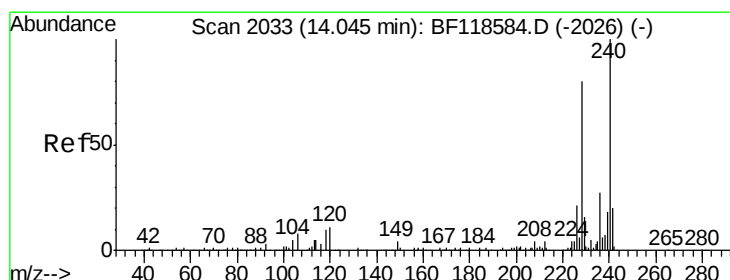
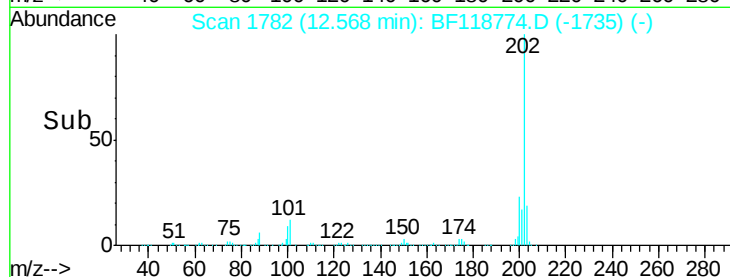
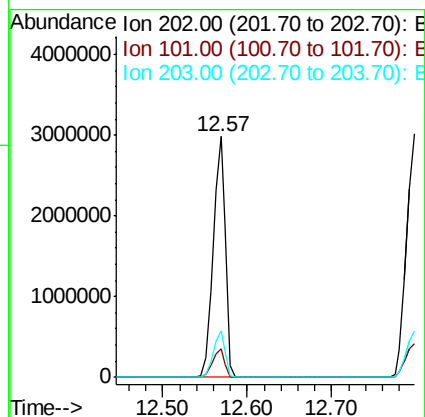
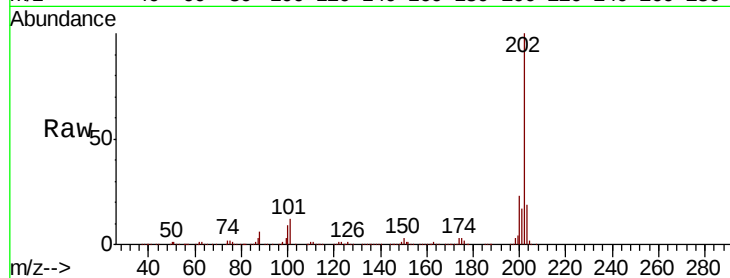
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3059909
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.1
203	19.5	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

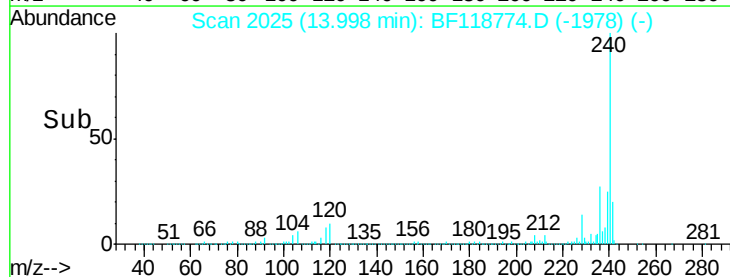
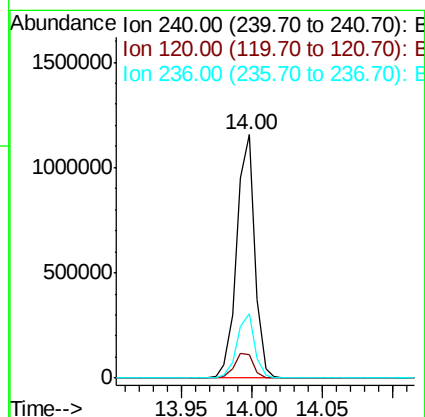
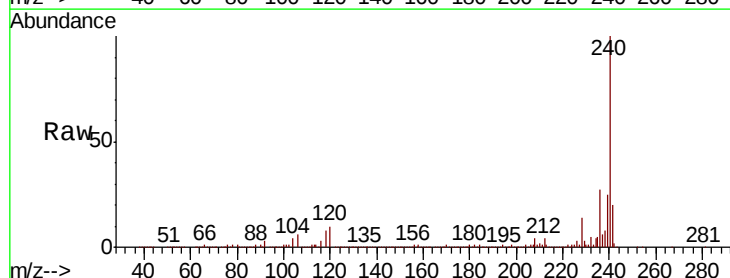
RT: 14.00 min Scan# 2025

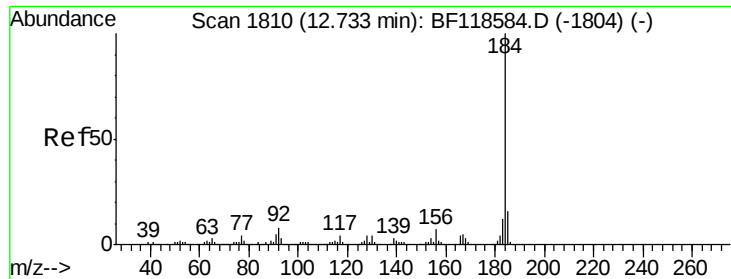
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	240	Resp:	1025377
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	26.7	21.0	31.4





#77

Benzidine

Concen: 49.920 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1367682

Ion Ratio Lower Upper

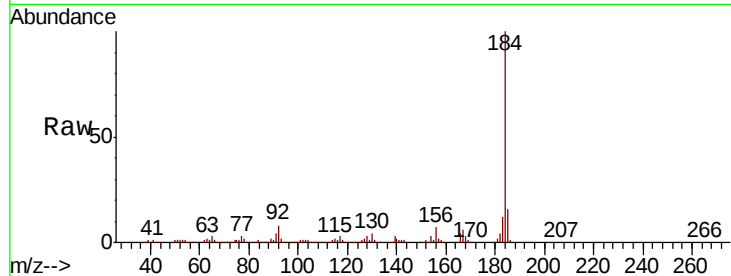
184 100

185 15.5 11.8 17.8

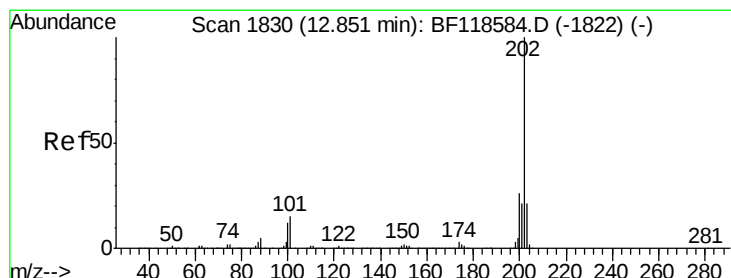
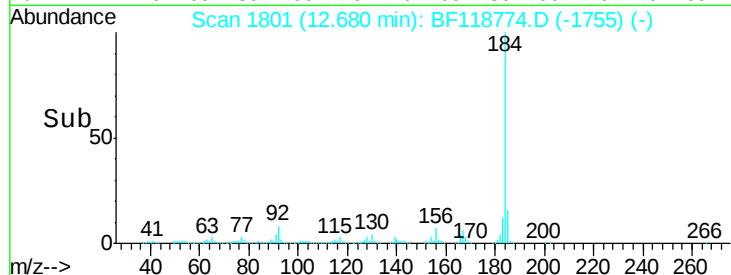
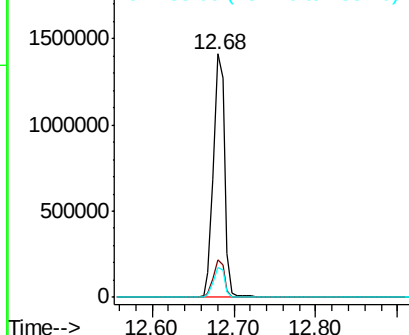
183 12.3 9.7 14.5

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



#78

Pyrene

Concen: 43.942 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

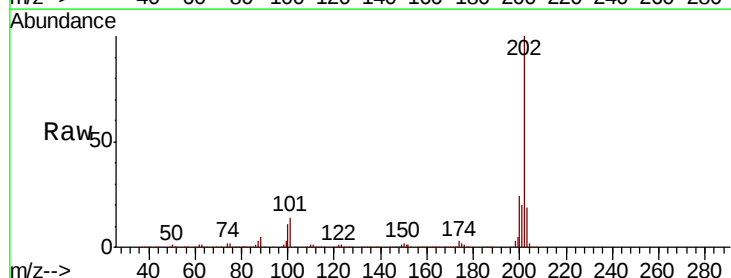
Tgt Ion:202 Resp: 3059005

Ion Ratio Lower Upper

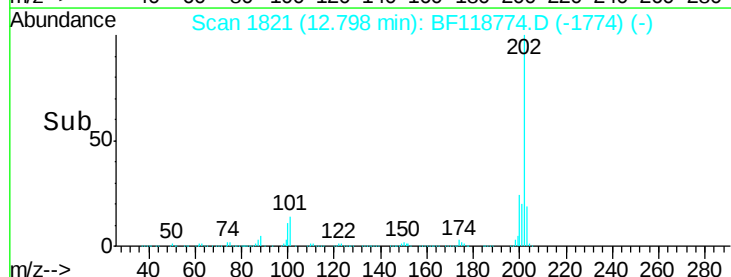
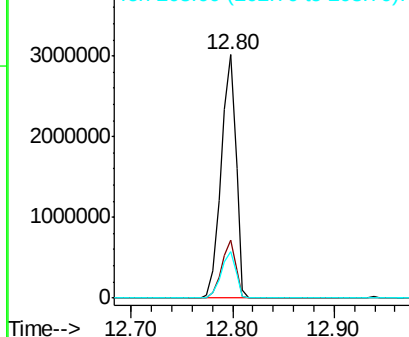
202 100

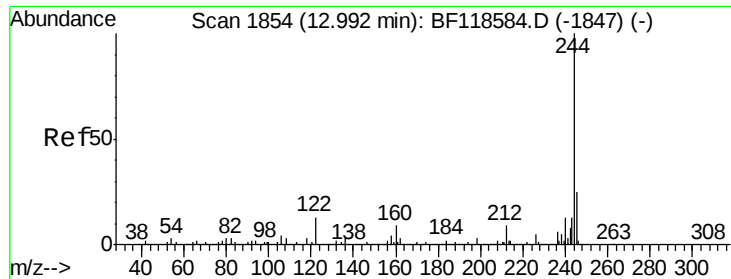
200 23.6 18.1 27.1

203 19.2 15.2 22.8



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





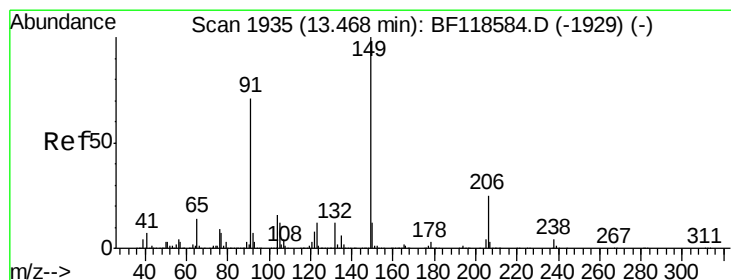
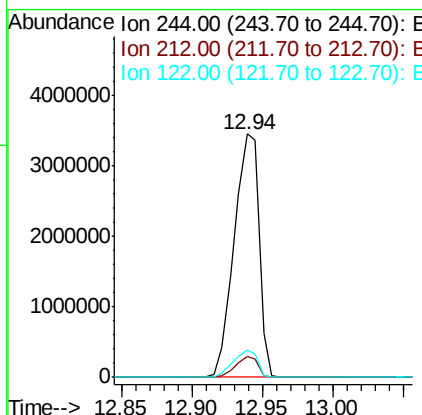
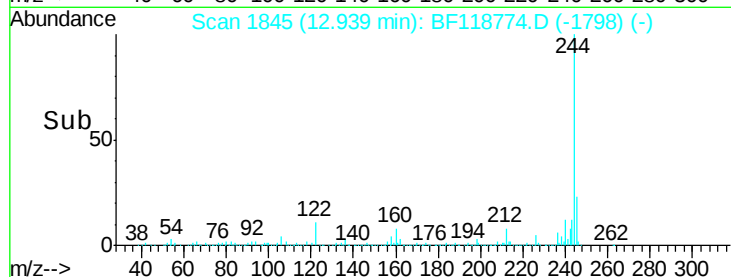
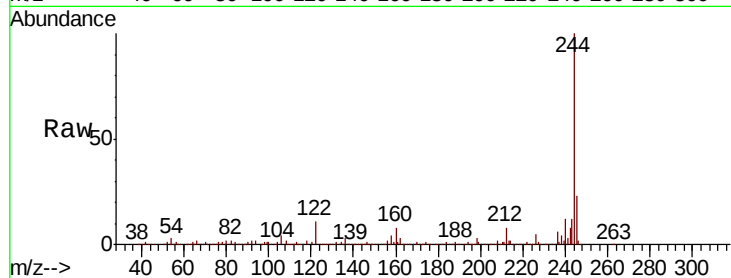
#79
Terphenyl-d14
Concen: 89.911 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:244 Resp: 4226892
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 11.5 9.2 13.8

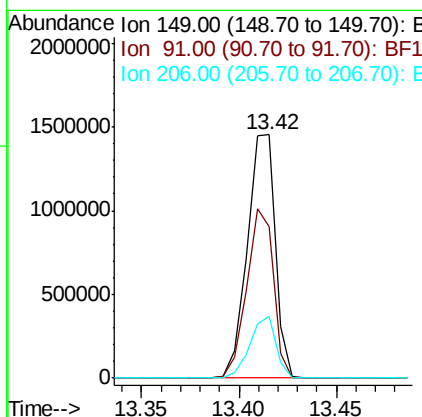
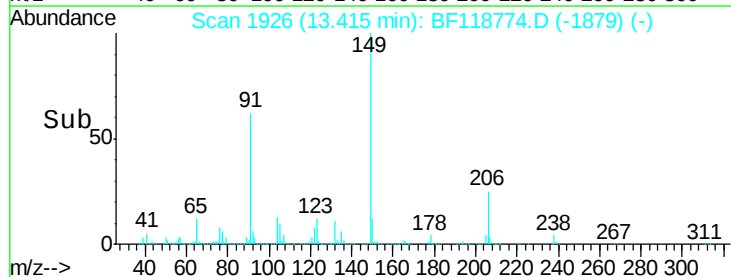
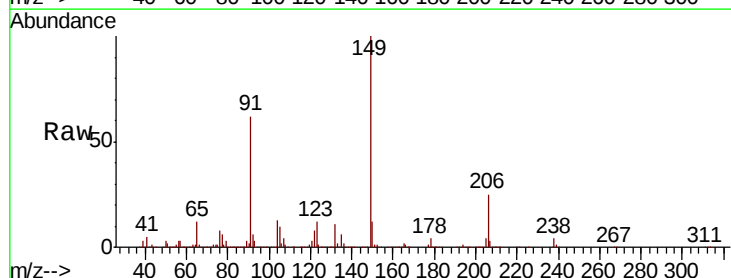
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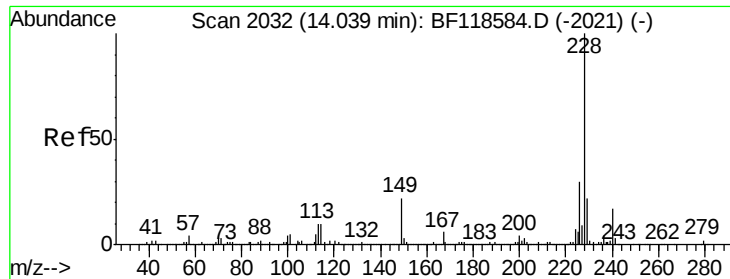
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#80
Butylbenzylphthalate
Concen: 50.850 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion:149 Resp: 1448736
Ion Ratio Lower Upper
149 100
91 62.5 49.6 74.4
206 25.2 19.9 29.9





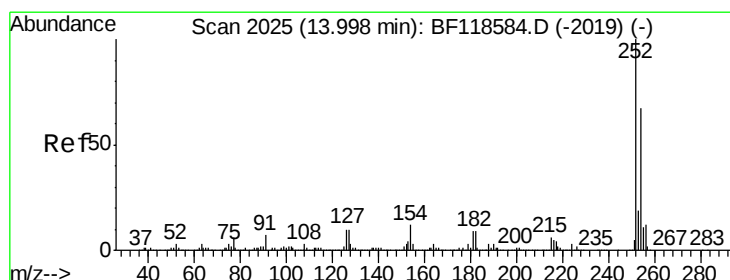
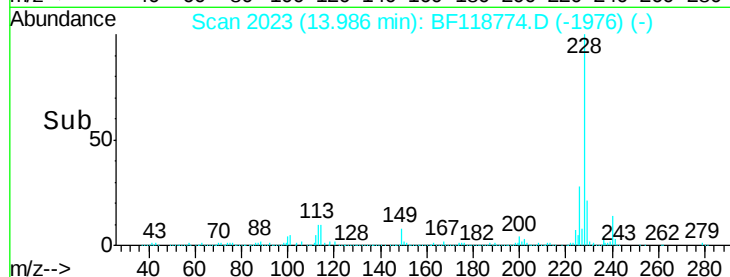
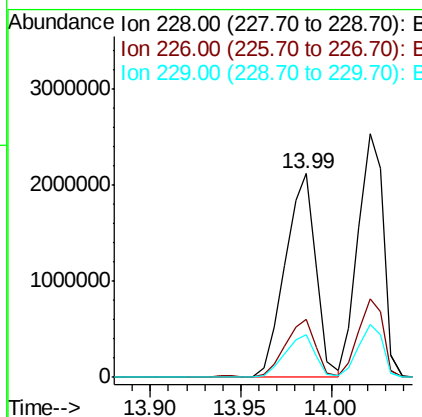
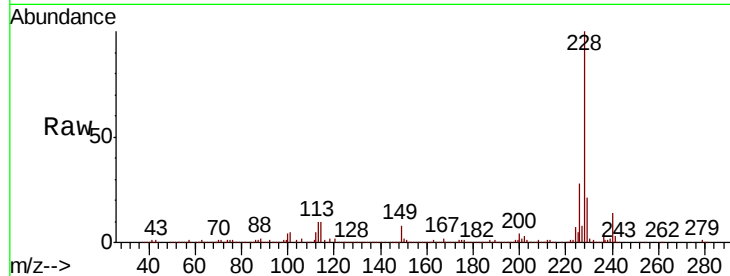
#81
Benzo(a)anthracene
Concen: 40.811 ng
RT: 13.99 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.8	16.6	25.0

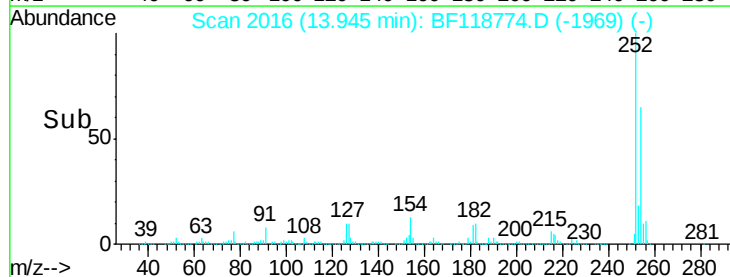
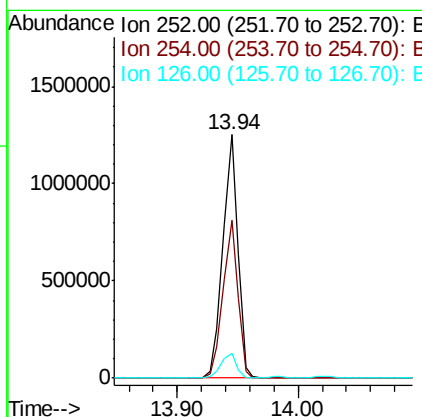
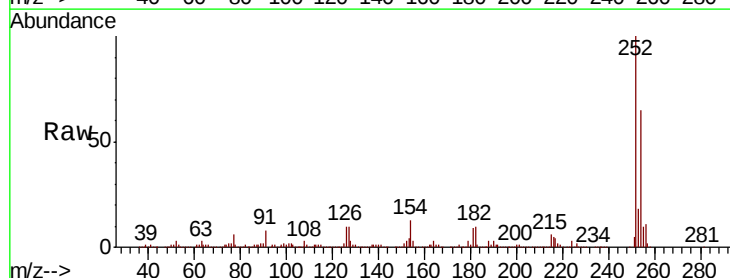
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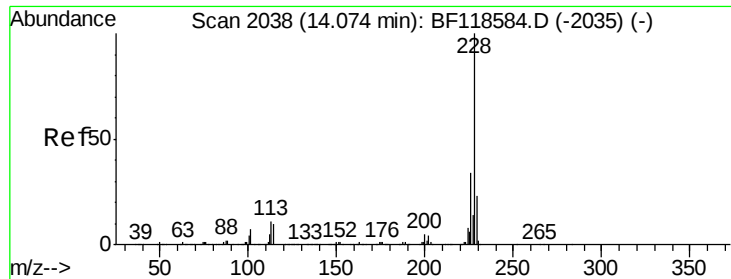
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 48.845 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	10.1	8.1	12.1





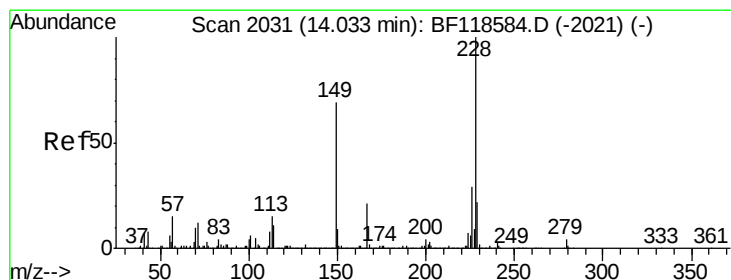
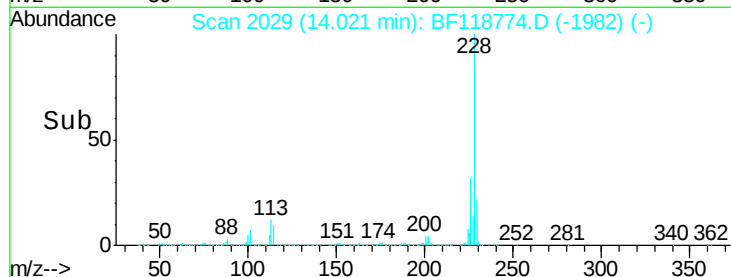
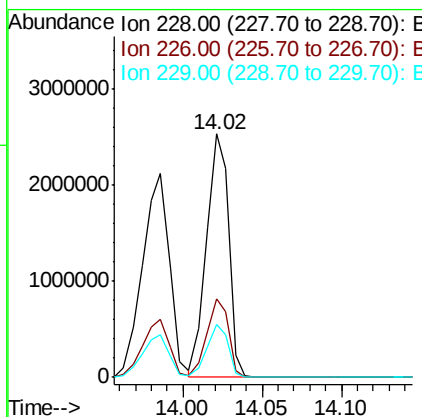
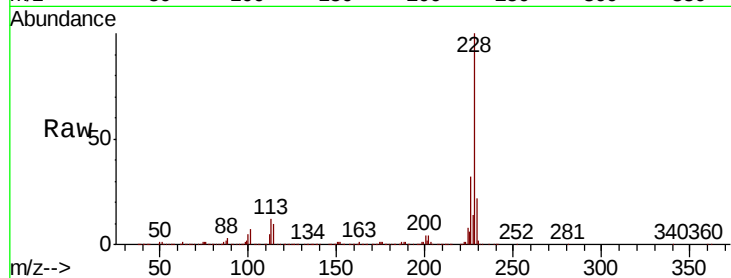
#83
 Chrvsene
 Concen: 42.097 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.6	38.4
229	21.6	17.1	25.7

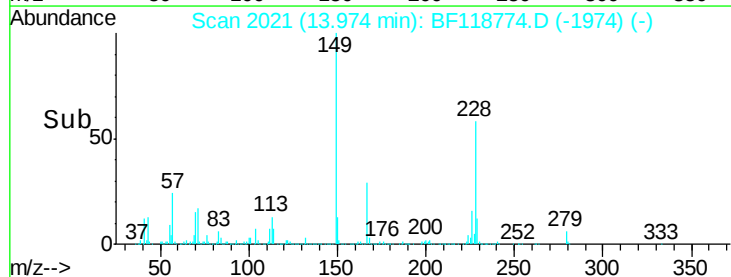
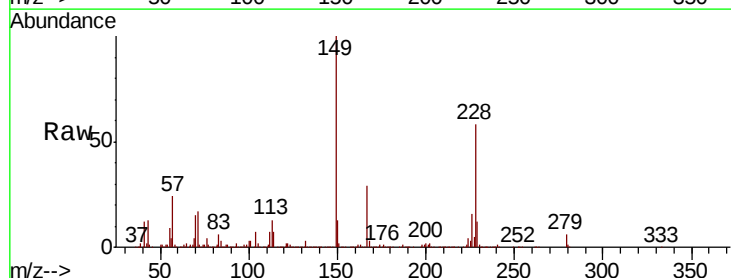
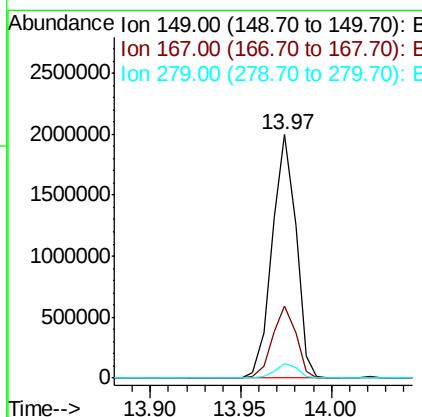
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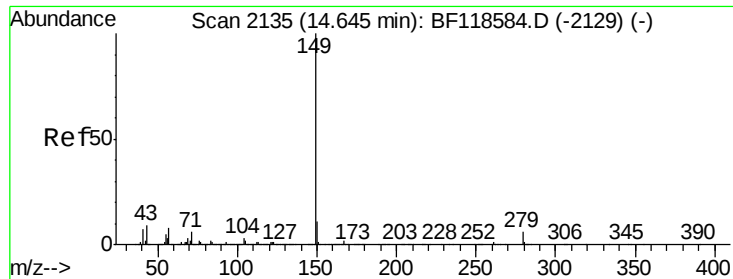
mohammad
 2/3/2020 4:10:09 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.508 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF118774.D
 Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.6	35.4
279	5.8	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 57.145 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA_F

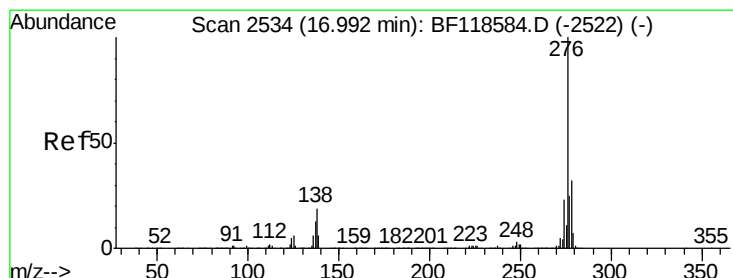
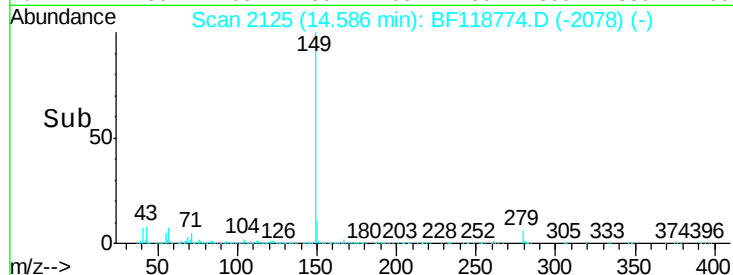
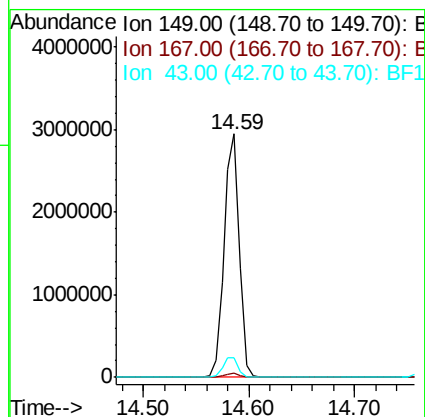
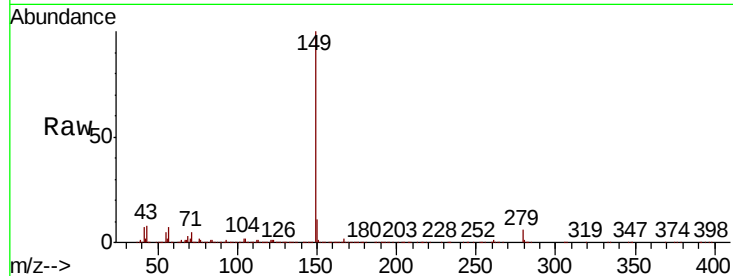
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	2944203
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.4	6.6	10.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.361 ng

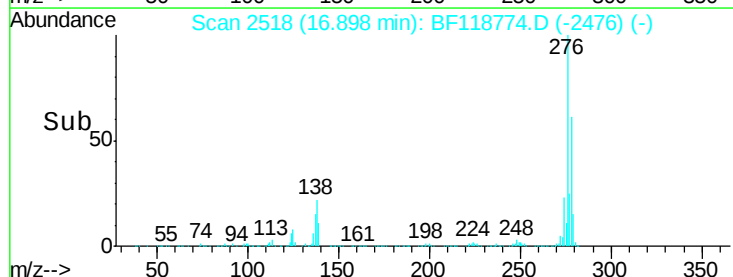
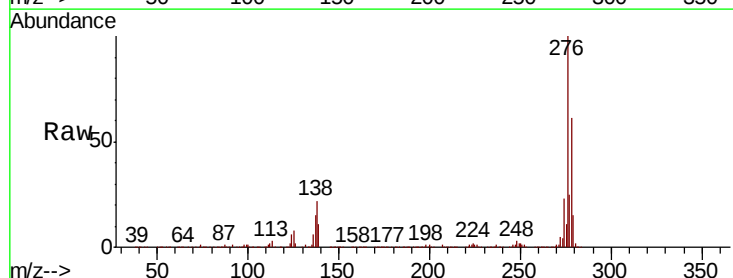
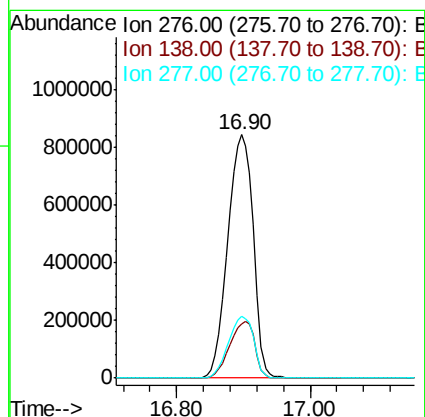
RT: 16.90 min Scan# 2518

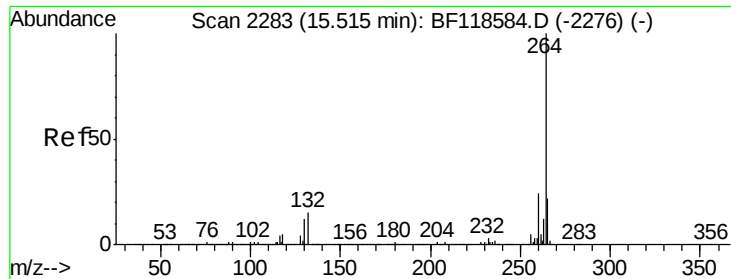
Delta R.T. -0.05 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:	276	Resp:	2278623
Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.2	27.4
277	25.5	20.4	30.6





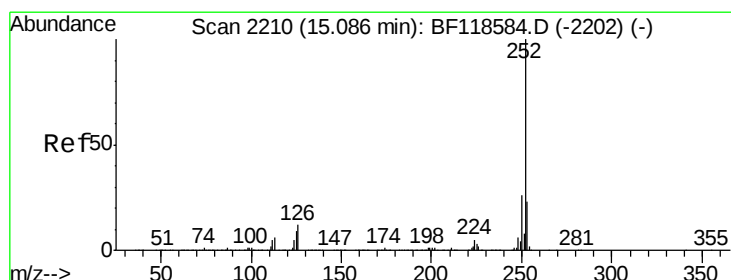
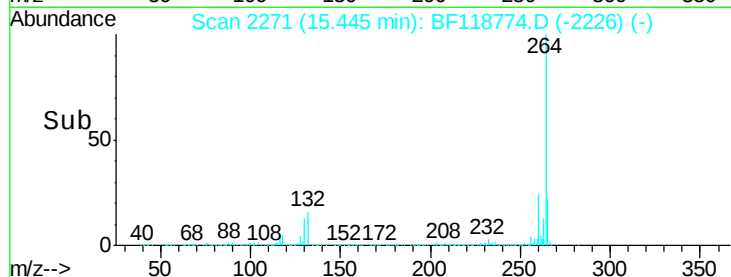
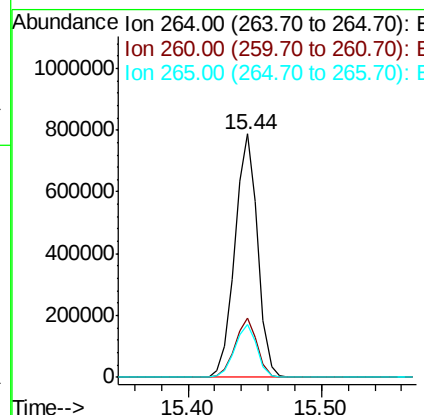
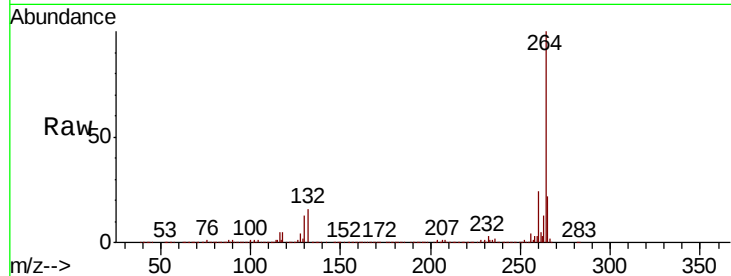
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.04 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.5	17.0	25.6

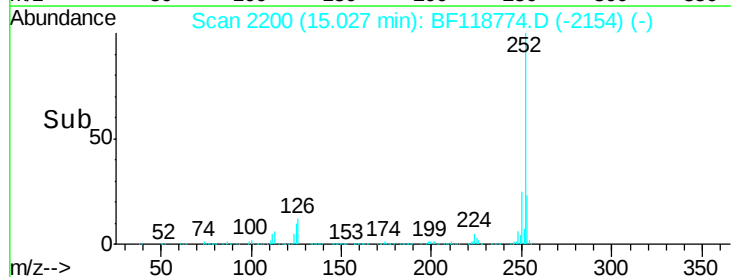
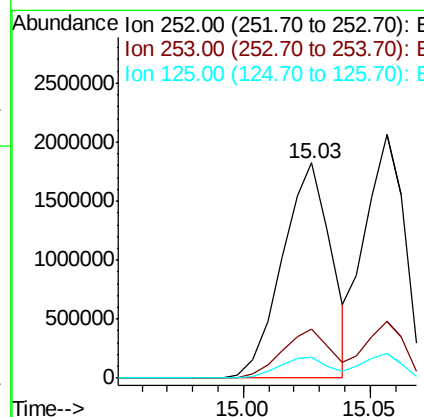
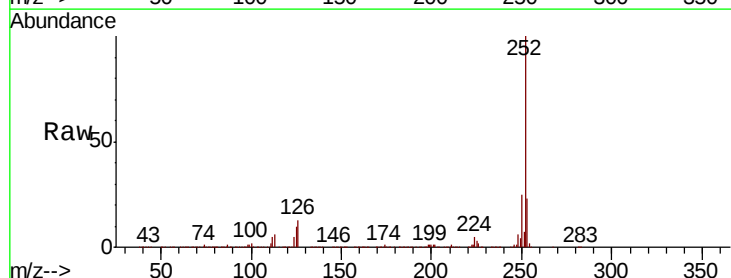
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#88
Benzo(b)fluoranthene
Concen: 41.367 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	9.8	7.7	11.5





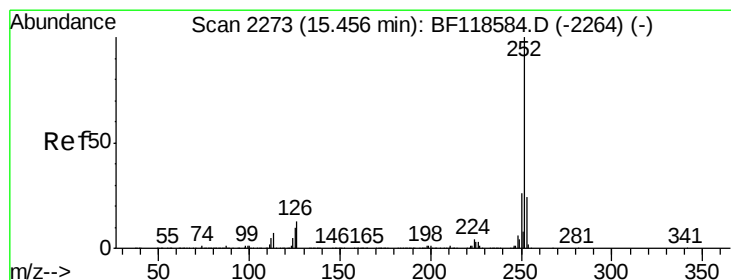
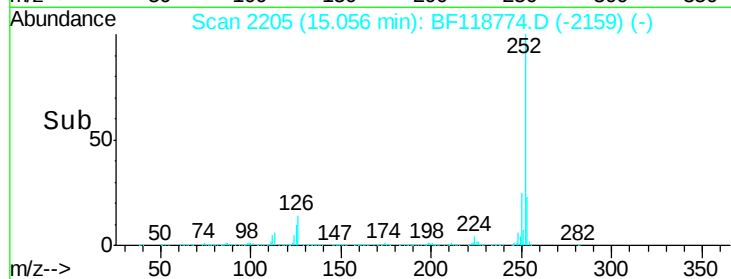
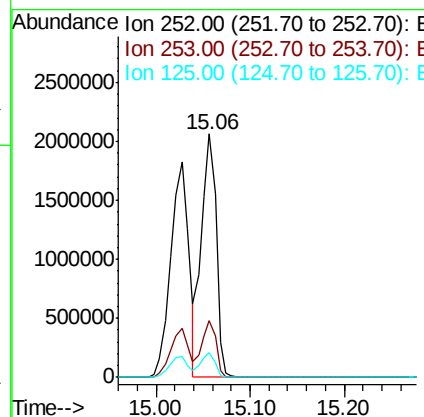
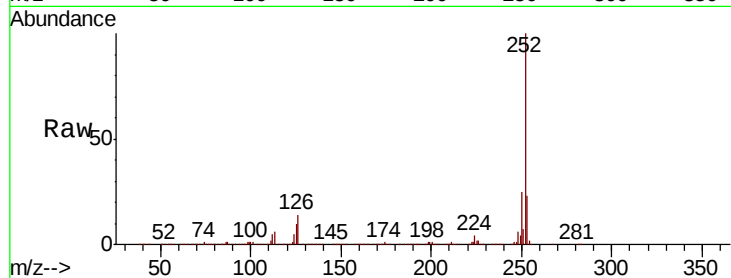
#89
Benzo(k)fluoranthene
Concen: 41.176 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.1	8.1	12.1

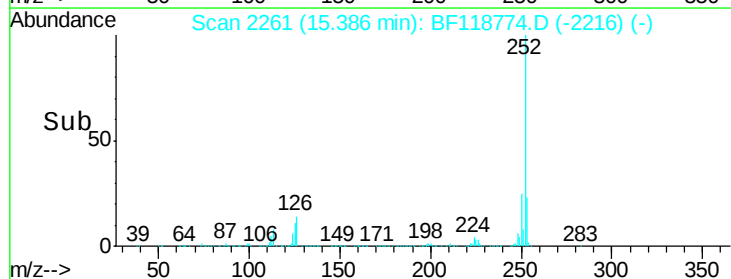
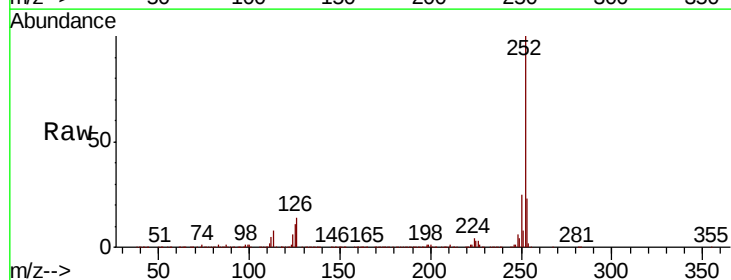
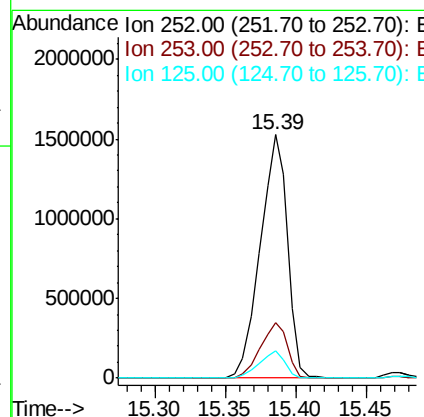
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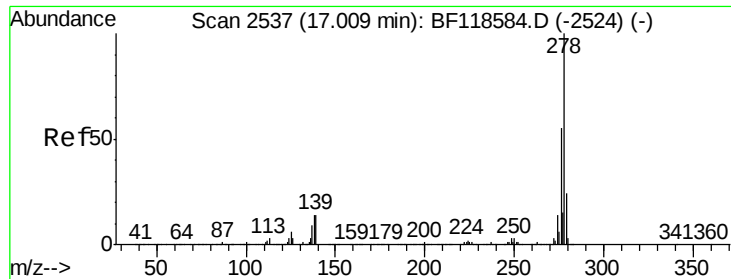
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#90
Benzo(a)pyrene
Concen: 40.552 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.04 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.1	8.3	12.5





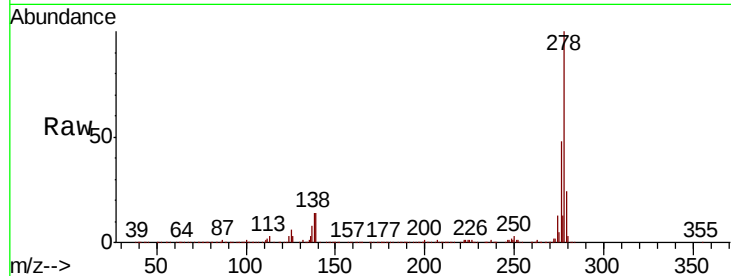
#91
Dibenzo(a,h)anthracene
Concen: 41.190 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.05 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

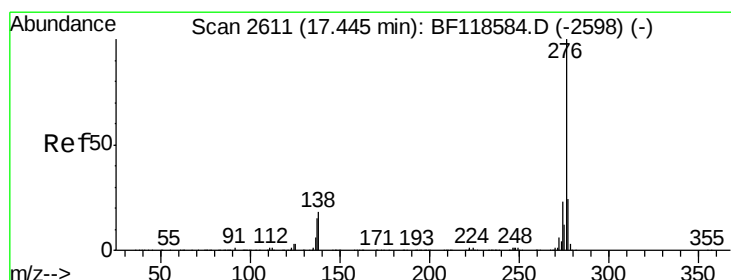
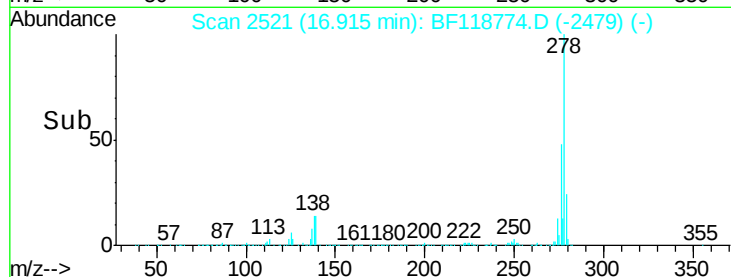
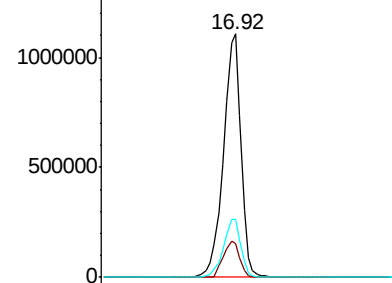
Tot	Ion:278	Resp: 1860794	
Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.8	17.6
279	23.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/3/2020 4:10:09 PM

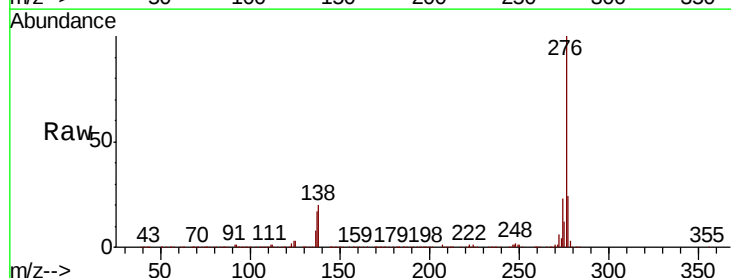


Abundance Ion 278.00 (277.70 to 278.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.121 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.06 min
Lab File: BF118774.D
Acq: 31 Jan 2020 11:33

Tgt	Ion:276	Resp: 1803697	
Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.4	15.4	23.2



Abundance Ion 276.00 (275.70 to 276.70): E
1000000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

