

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
 Data File : BF120588.D
 Acq On : 10 Jun 2020 12:49
 Operator : JU/CG
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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mohammad
 6/11/2020 1:48:36 PM

Quant Time: Jun 10 13:45:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 13:32:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147103	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571236	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	273533	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	547285	20.00	ng	0.00
76) Chrysene-d12	13.96	240	457326	20.00	ng	0.00
86) Perylene-d12	15.40	264	547774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	754637	100.31	ng	0.00
7) Phenol-d6	6.44	99	1000323	104.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	842156	91.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	282316	100.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1456054	89.35	ng	0.00
79) Terphenyl-d14	12.91	244	1779802	90.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	184100	46.899	ng	100
3) Pyridine	3.23	79	523033	49.777	ng	100
4) n-Nitrosodimethylamine	3.19	42	217527	48.906	ng	100
6) Aniline	6.46	93	648696	50.391	ng	100
8) 2-Chlorophenol	6.59	128	442681	50.911	ng	100
9) Benzaldehyde	6.35	77	310714	63.118	ng	100
10) Phenol	6.45	94	540069	48.856	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	431773	49.805	ng	100
12) 1,3-Dichlorobenzene	6.75	146	464116	49.049	ng	100
13) 1,4-Dichlorobenzene	6.82	146	438429	45.867	ng	100
14) 1,2-Dichlorobenzene	6.97	146	439254	47.134	ng	100
15) Benzyl Alcohol	6.95	79	345389	46.751	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	604542	47.220	ng	100
17) 2-Methylphenol	7.06	107	342955	44.931	ng	100
18) Hexachloroethane	7.32	117	164304	46.994	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	269311	45.997	ng	100
20) 3+4-Methylphenols	7.21	107	432408	45.429	ng	100
22) Acetophenone	7.22	105	519707	44.255	ng	100
24) Nitrobenzene	7.39	77	418087	43.467	ng	100
25) Isophorone	7.63	82	819889	46.261	ng	100
26) 2-Nitrophenol	7.70	139	242608	48.911	ng	100
27) 2,4-Dimethylphenol	7.74	122	352801	48.639	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	520006	49.371	ng	100
29) 2,4-Dichlorophenol	7.95	162	382434	50.425	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	420838	49.443	ng	100
31) Naphthalene	8.11	128	1219918	47.598	ng	100
32) Benzoic acid	7.86	122	290547	48.946	ng	100
33) 4-Chloroaniline	8.16	127	543103	47.479	ng	100
34) Hexachlorobutadiene	8.22	225	224237	45.075	ng	100
35) Caprolactam	8.53	113	106089m	40.743	ng	
36) 4-Chloro-3-methylphenol	8.64	107	341119	43.517	ng	100
37) 2-Methylnaphthalene	8.80	142	749802	43.939	ng	100
38) 1-Methylnaphthalene	8.90	142	714436	45.704	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	357519	49.426	ng	100

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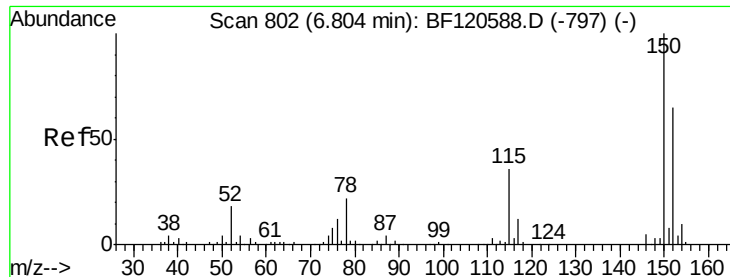
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	198705	48.044	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	252630	49.229	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	288360	49.423	nq	100
46) 1,1'-Biphenyl	9.26	154	899302	48.440	nq	100
47) 2-Chloronaphthalene	9.29	162	733717	47.943	nq	100
48) 2-Nitroaniline	9.38	65	227462	47.742	nq	100
49) Acenaphthylene	9.70	152	1146194	49.475	nq	100
50) Dimethylphthalate	9.56	163	850919	46.863	nq	100
51) 2,6-Dinitrotoluene	9.62	165	195382	48.353	nq	100
52) Acenaphthene	9.87	154	678485m	48.999	nq	
53) 3-Nitroaniline	9.79	138	231056	48.358	nq	100
54) 2,4-Dinitrophenol	9.90	184	101109	46.433	nq	100
55) Dibenzofuran	10.05	168	1035720	49.495	nq	100
56) 4-Nitrophenol	9.95	139	173337	49.752	nq	100
57) 2,4-Dinitrotoluene	10.03	165	258640	49.104	nq	100
58) Fluorene	10.39	166	774010	49.231	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	224779	49.378	nq	100
60) Diethylphthalate	10.26	149	854708	48.840	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	403362	49.696	nq	100
62) 4-Nitroaniline	10.40	138	232461	48.232	nq	100
63) Azobenzene	10.54	77	777356	47.469	nq	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	142786	48.647	nq	100
66) n-Nitrosodiphenylamine	10.50	169	722464	49.280	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	273075	49.953	nq	100
68) Hexachlorobenzene	10.93	284	288602	49.129	nq	100
69) Atrazine	11.02	200	224226	53.986	nq	100
70) Pentachlorophenol	11.13	266	165666	52.252	nq	100
71) Phenanthrene	11.35	178	1190426	49.242	nq	100
72) Anthracene	11.40	178	1202950	49.231	nq	100
73) Carbazole	11.55	167	1180057	49.474	nq	100
74) Di-n-butylphthalate	11.89	149	1348924	47.561	nq	100
75) Fluoranthene	12.53	202	1438573	51.602	nq	100
77) Benzidine	12.66	184	714415	65.650	nq	100
78) Pyrene	12.76	202	1446589	49.930	nq	100
80) Butylbenzylphthalate	13.38	149	636957	50.234	nq	100
81) Benzo(a)anthracene	13.95	228	1182167	47.583	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	457403	50.291	nq	100
83) Chrysene	13.99	228	1231905	48.847	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	758852	47.216	nq	100
85) Di-n-octyl phthalate	14.56	149	1510103	51.884	nq	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1413582	45.852	nq	100
88) Benzo(b)fluoranthene	14.99	252	1270083	44.411	nq	100
89) Benzo(k)fluoranthene	15.02	252	1288093	49.683	nq	100
90) Benzo(a)pyrene	15.34	252	1269844	48.772	nq	100
91) Dibenzo(a,h)anthracene	16.85	278	1132244	45.475	nq	100
92) Benzo(g,h,i)perylene	17.26	276	1137240	46.669	nq	100

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



#1

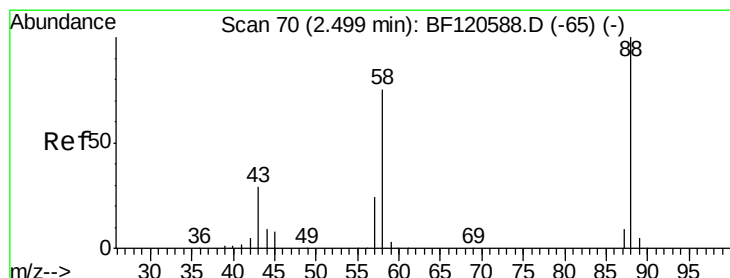
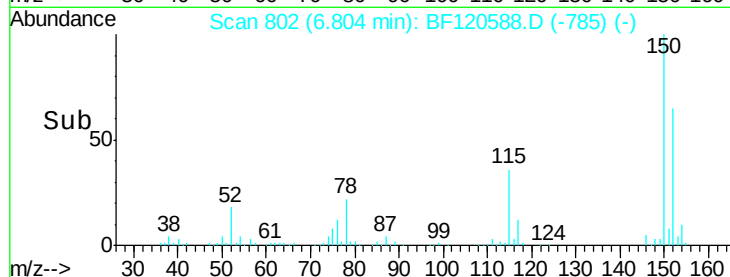
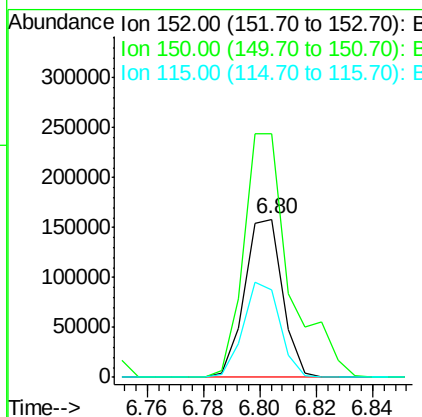
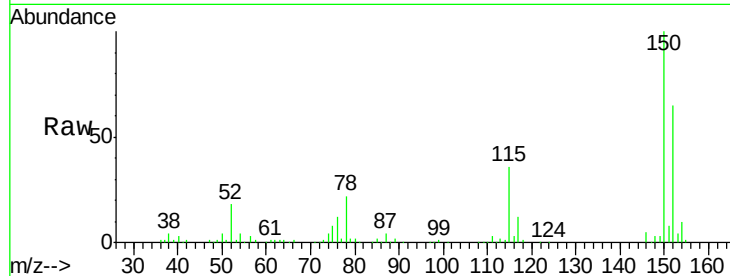
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.2	184.8
115	54.9	43.9	65.9

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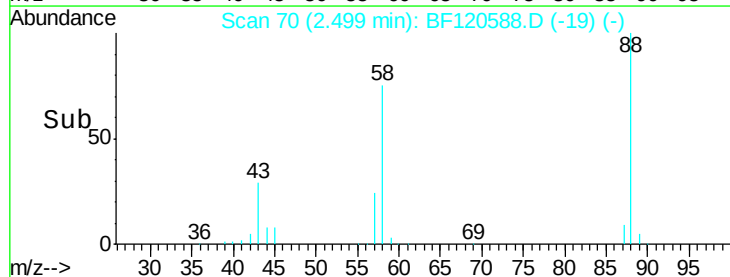
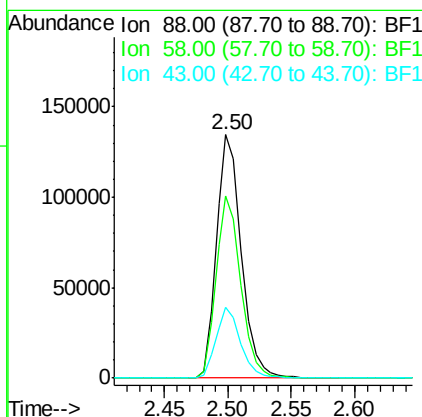
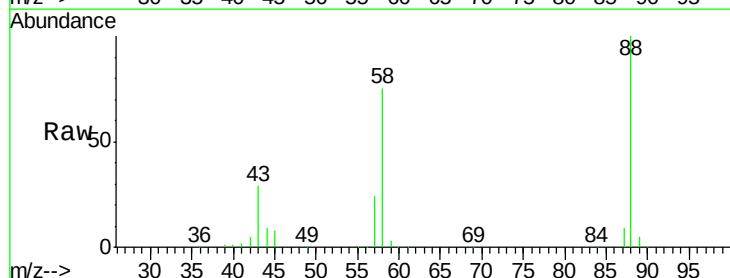
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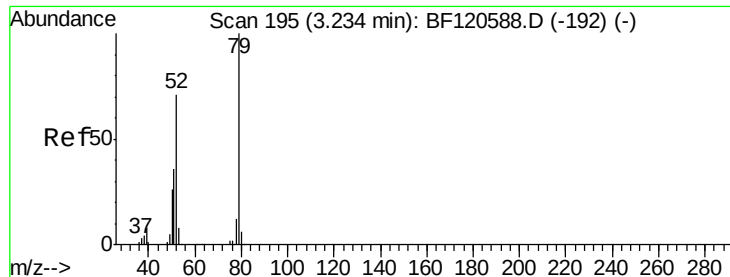


#2

1,4-Dioxane
Concen: 46.899 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	59.6	89.4
43	28.9	23.1	34.7





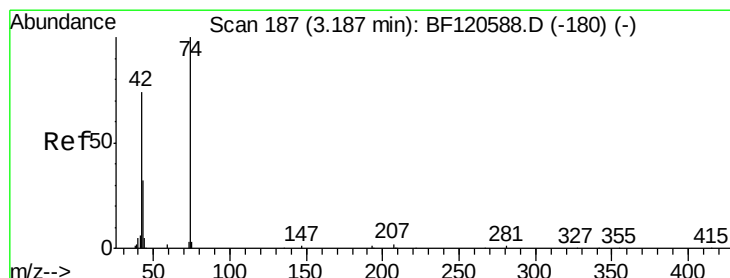
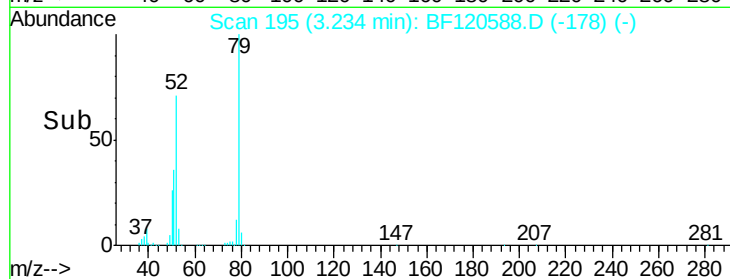
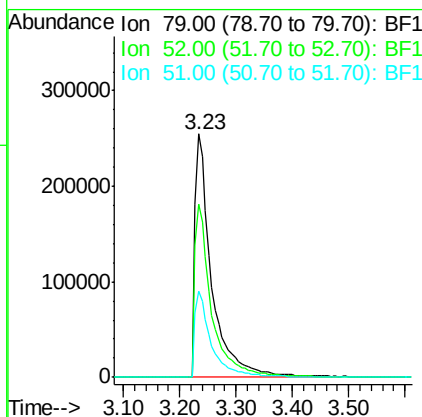
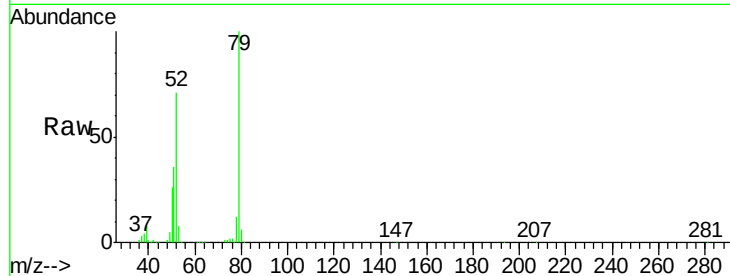
#3
 Pvridine
 Concen: 49.777 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	71.3	57.0	85.6	
51	35.6	28.5	42.7	

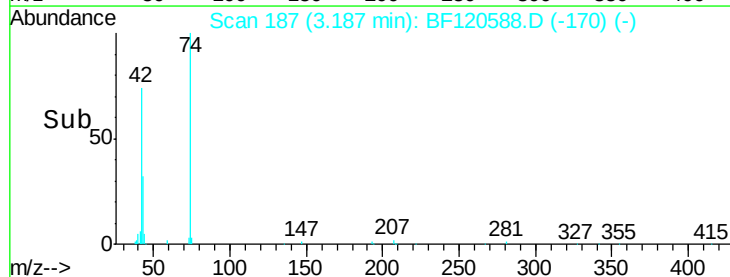
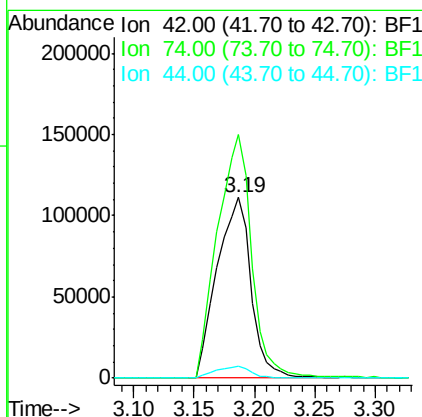
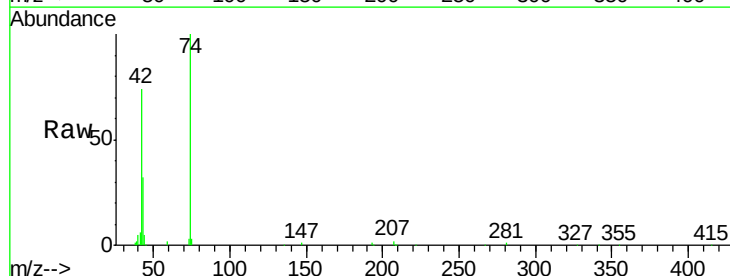
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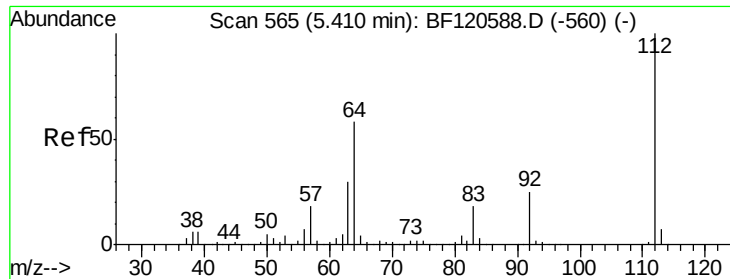
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#4
 n-Nitrosodimethylamine
 Concen: 48.906 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	134.7	107.8	161.6	
44	6.4	5.1	7.7	





#5

2-Fluorophenol

Concen: 100.312 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

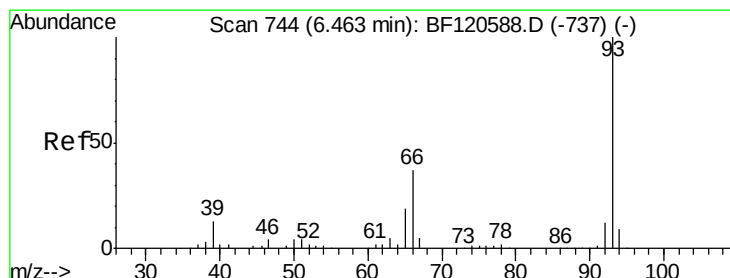
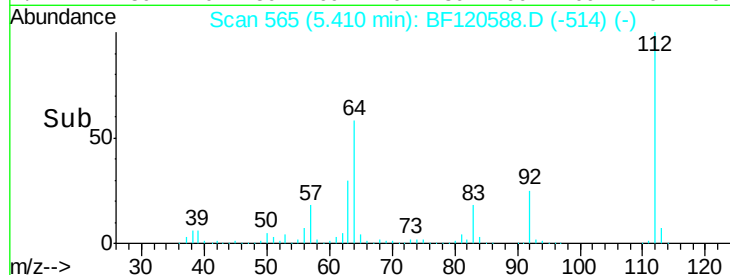
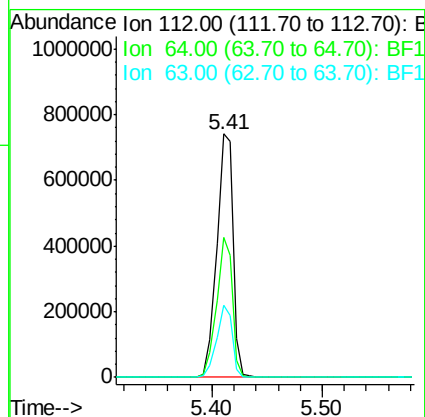
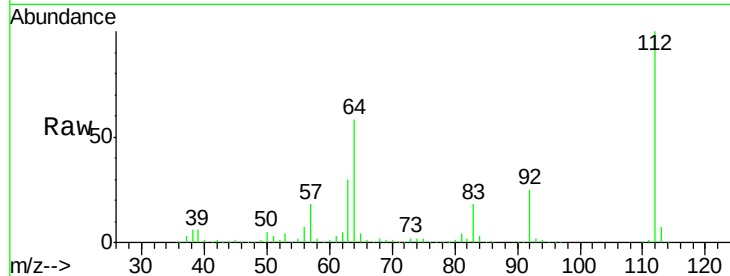
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	754637
Ion Ratio	Lower	Upper	
112	100		
64	57.6	46.1	69.1
63	29.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 50.391 ng

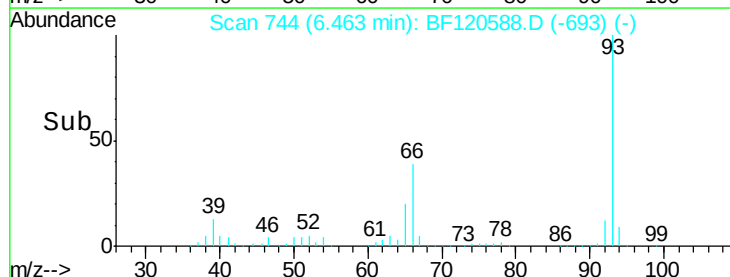
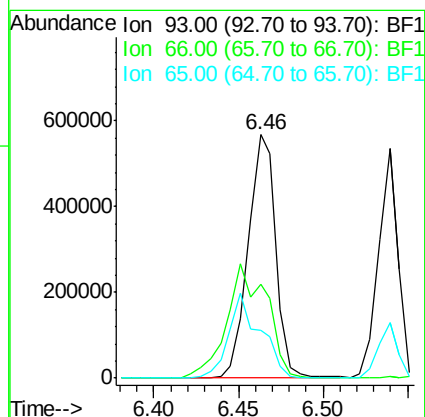
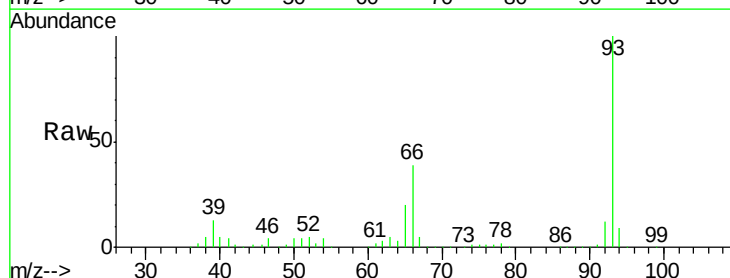
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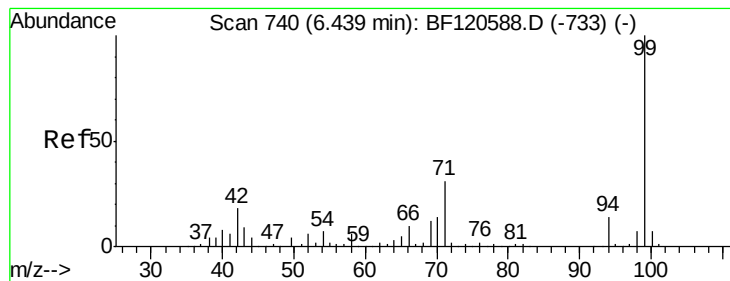
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:	93	Resp:	648696
Ion Ratio	Lower	Upper	
93	100		
66	38.6	30.9	46.3
65	19.9	15.9	23.9





#7

Phenol-d6

Concen: 104.903 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1000323

Ion Ratio Lower Upper

99 100

42 17.5 14.0 21.0

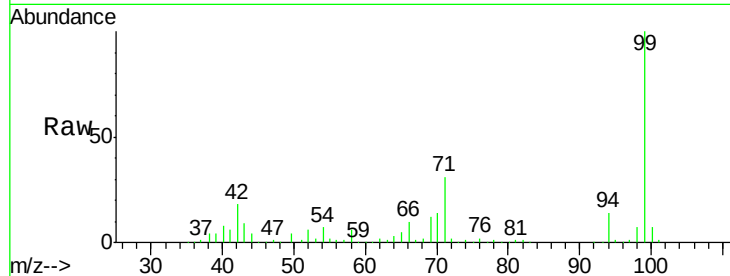
71 31.1 24.9 37.3

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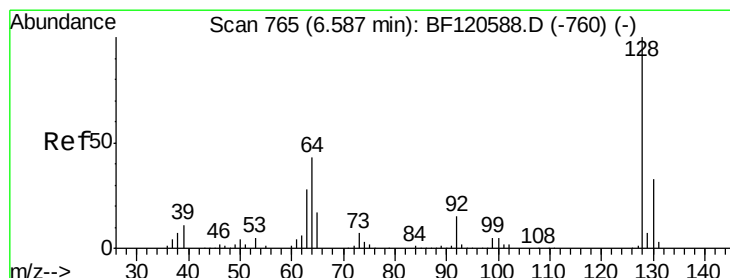
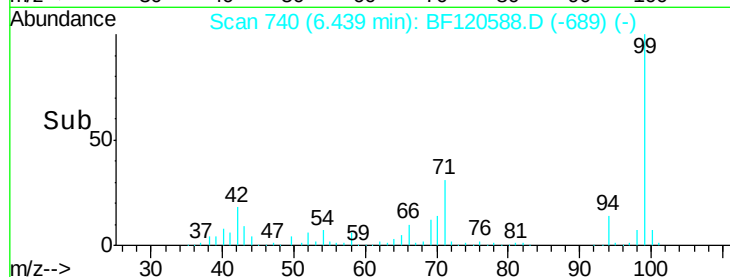
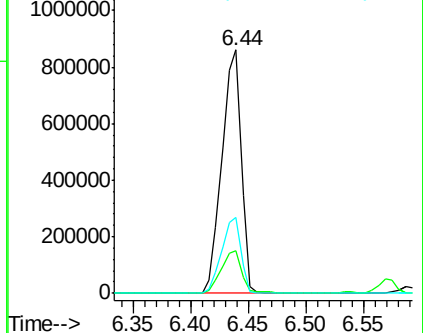
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.911 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

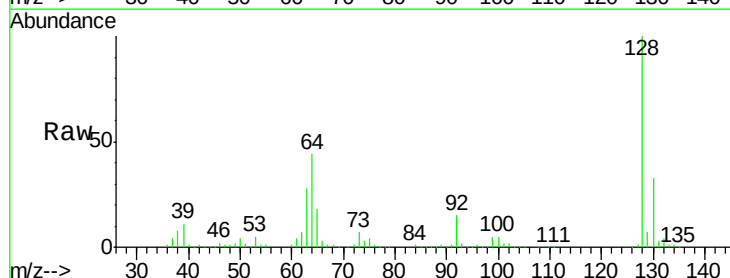
Tgt Ion: 128 Resp: 442681

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

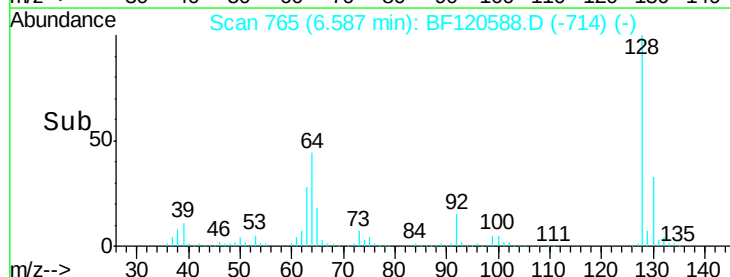
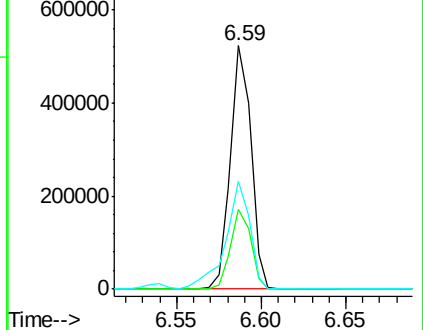
64 44.3 24.3 64.3

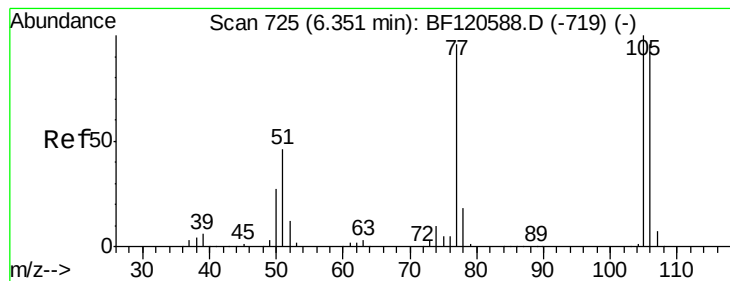


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 63.118 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

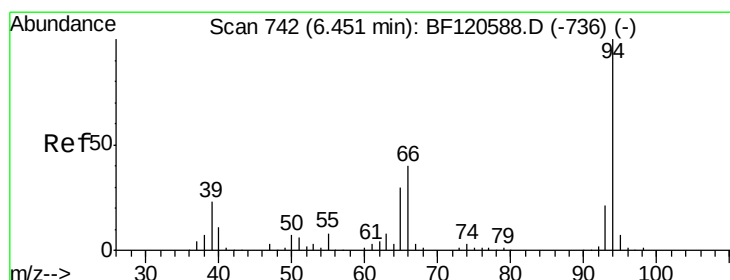
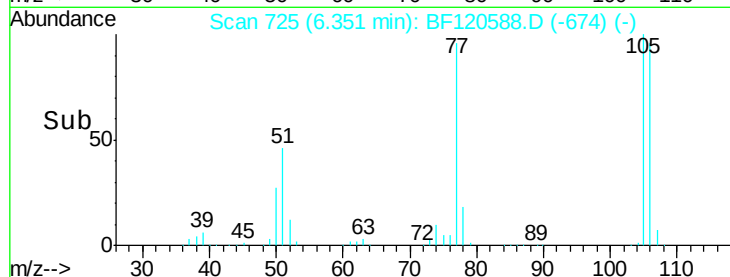
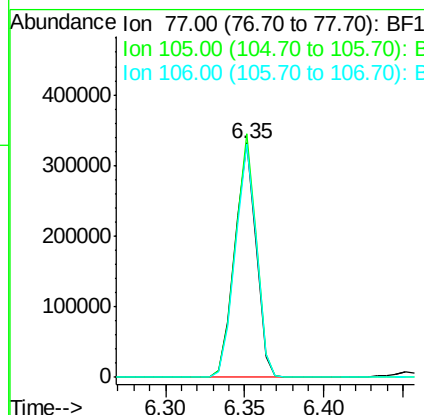
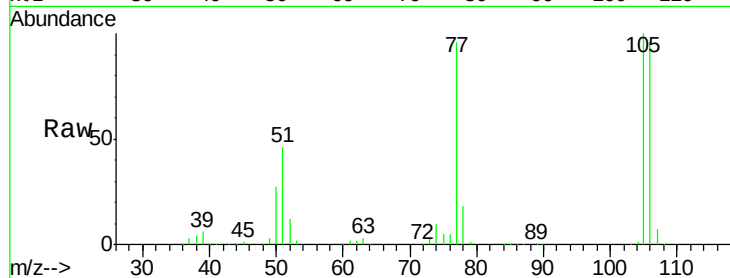
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.8	83.8	123.8		
106	99.3	79.3	119.3		

Manual Integrations
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#10

Phenol

Concen: 48.856 ng

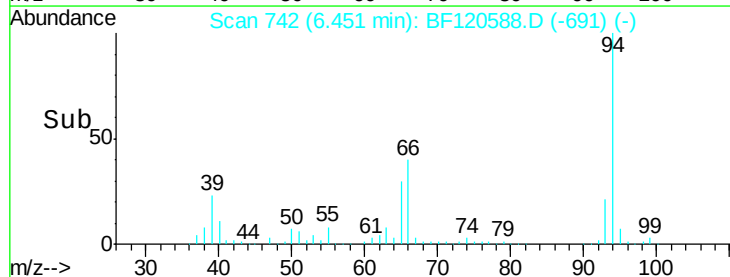
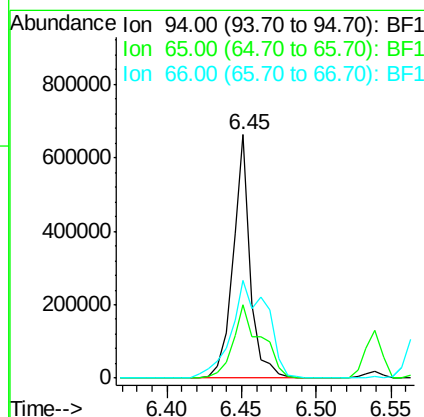
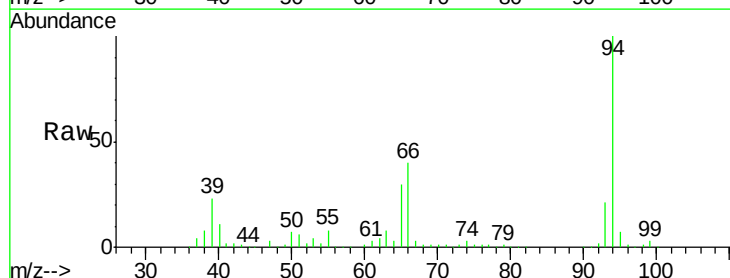
RT: 6.45 min Scan# 742

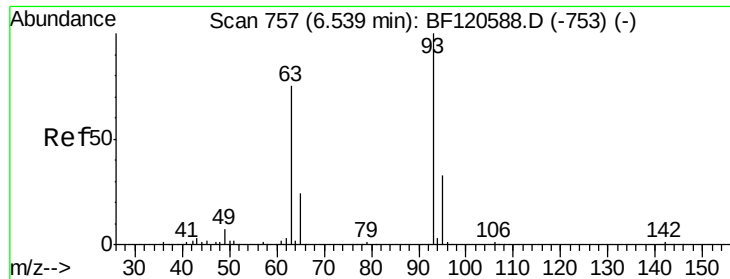
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.9	9.9	49.9		
66	40.1	20.1	60.1		





#11

bis(2-Chloroethyl)ether

Concen: 49.805 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

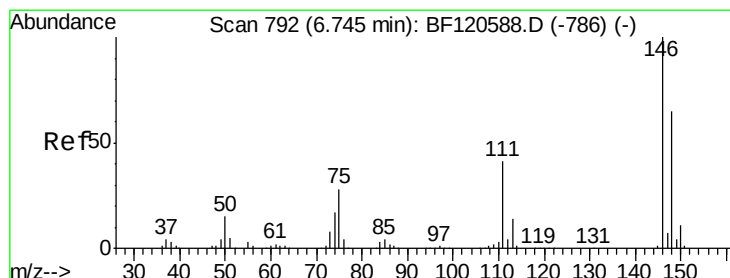
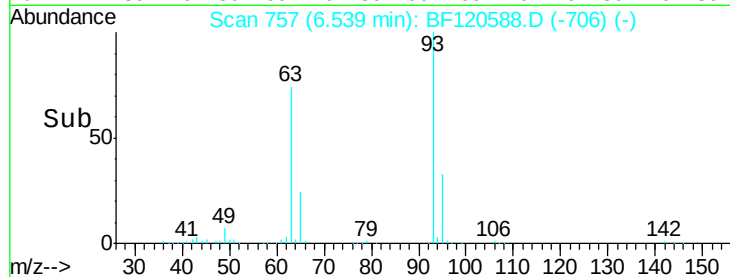
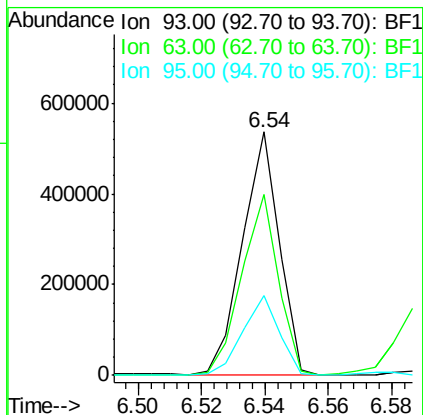
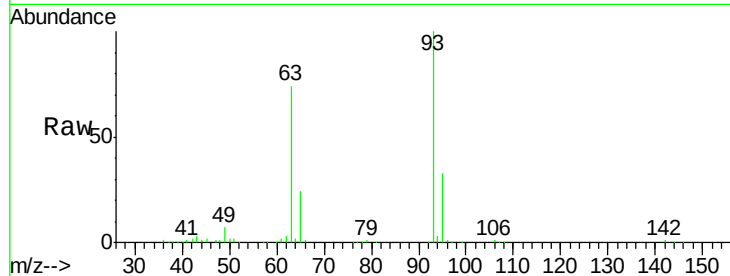
ClientSampleId :

SSTDICCC040

Tot Ion:	93	Resp:	431773
Ion	Ratio	Lower	Upper
93	100		
63	74.4	54.4	94.4
95	32.9	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 49.049 ng

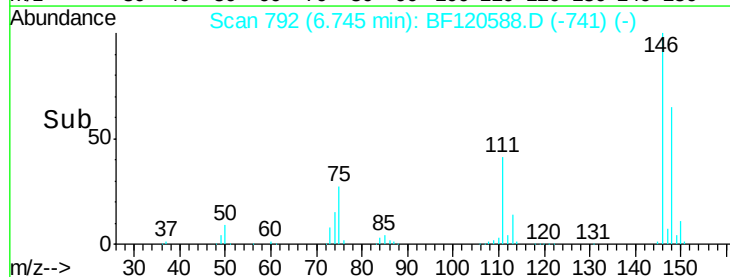
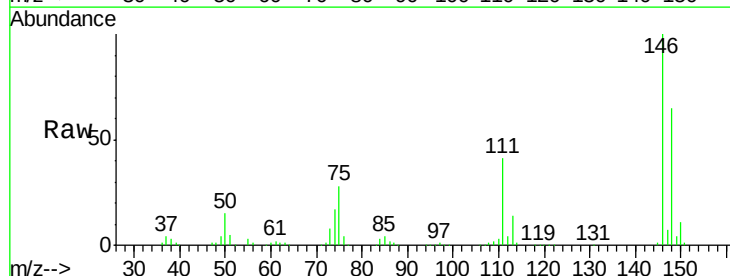
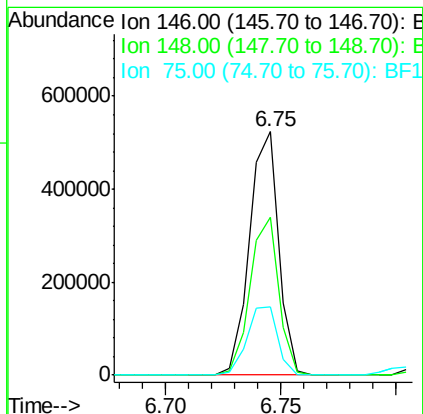
RT: 6.75 min Scan# 792

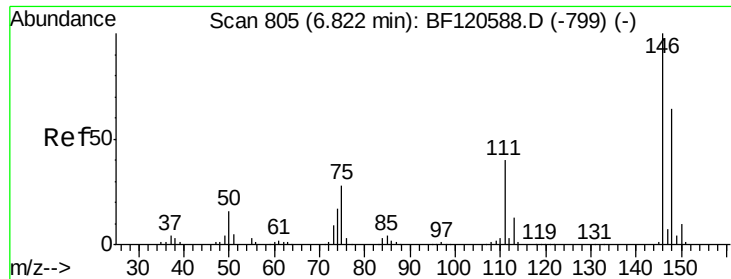
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:	146	Resp:	464116
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	27.8	22.2	33.4





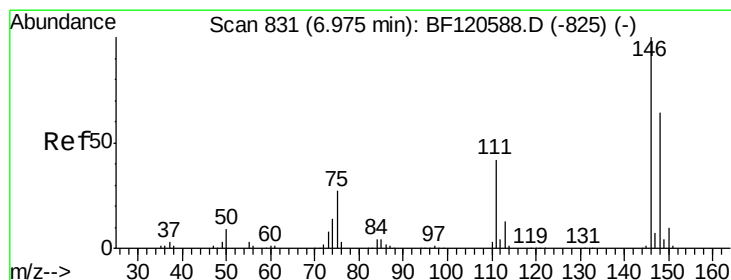
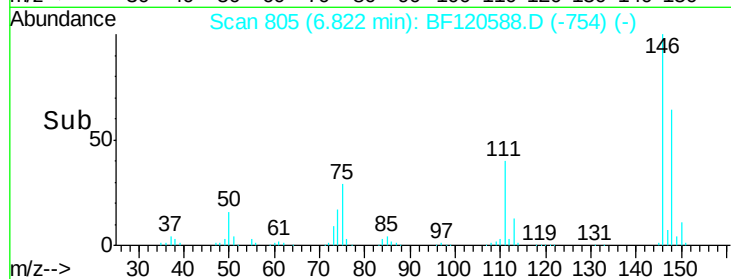
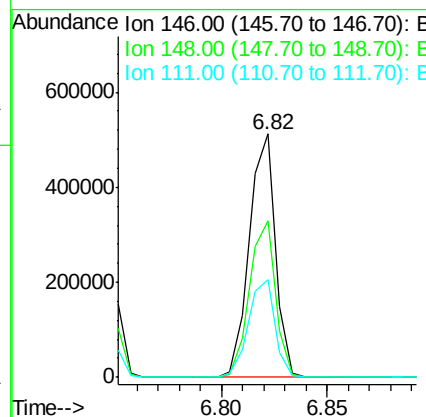
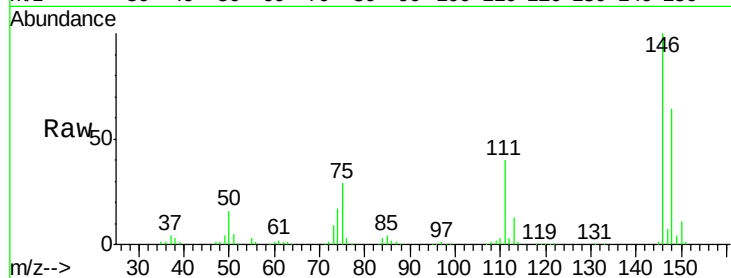
#13
 1,4-Dichlorobenzene
 Concen: 45.867 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.3	32.2	48.4

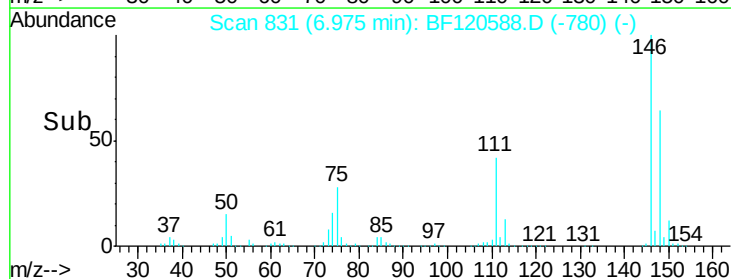
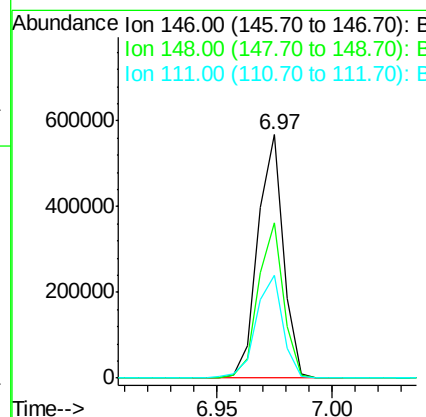
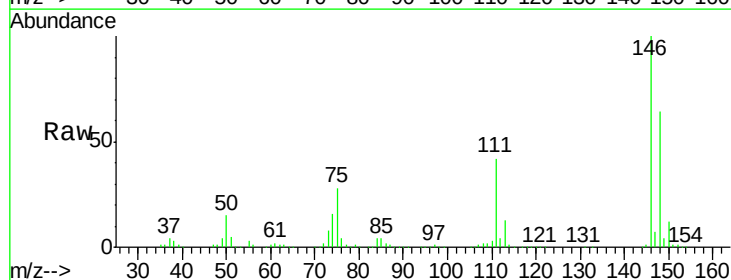
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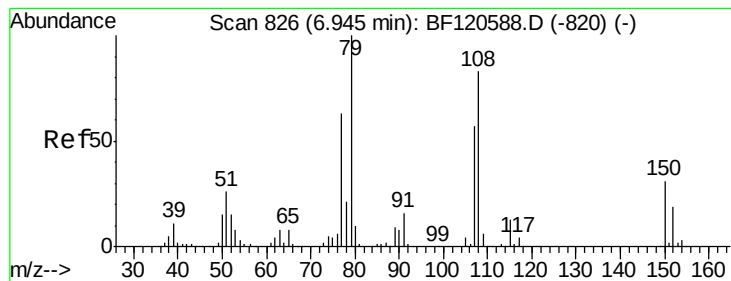
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#14
 1,2-Dichlorobenzene
 Concen: 47.134 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	42.0	33.6	50.4





#15

Benzyl Alcohol

Concen: 46.751 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion: 79 Resp: 345389

Ion Ratio Lower Upper

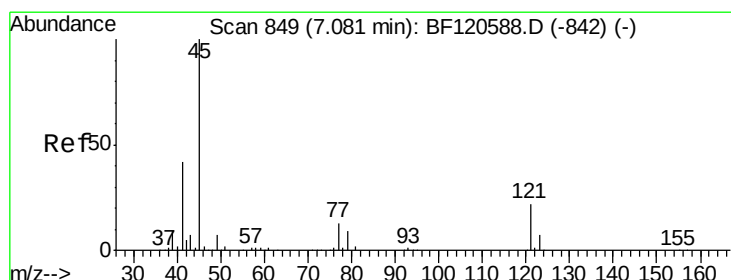
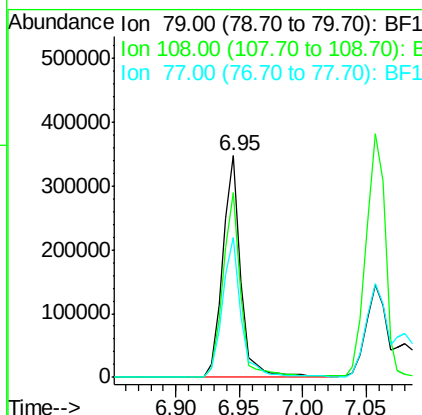
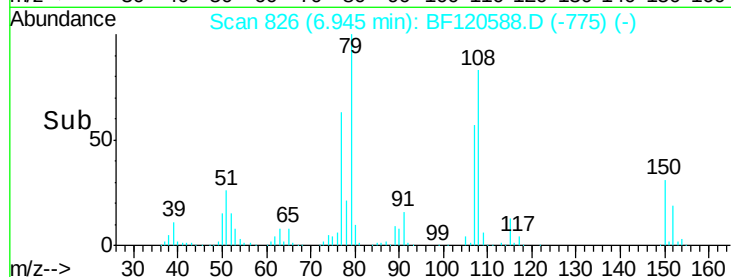
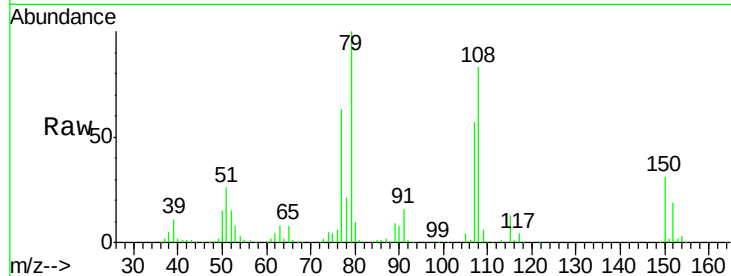
79 100

108 83.5 66.8 100.2

77 63.3 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.220 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

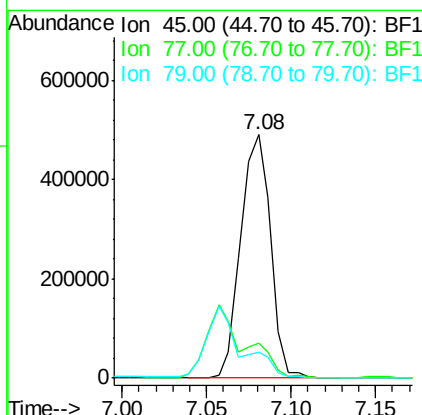
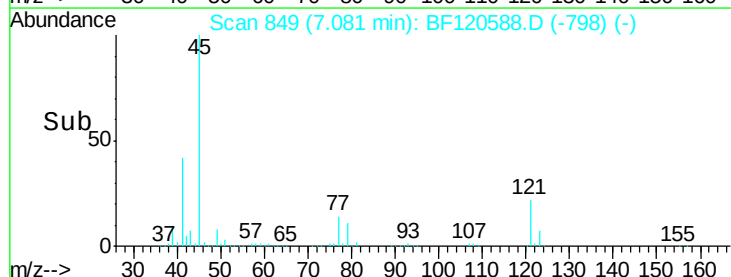
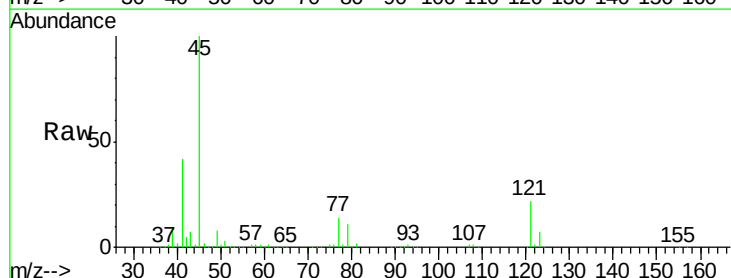
Tgt Ion: 45 Resp: 604542

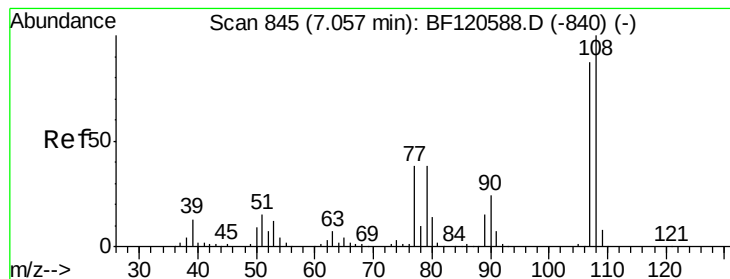
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.2

79 10.9 0.0 30.9





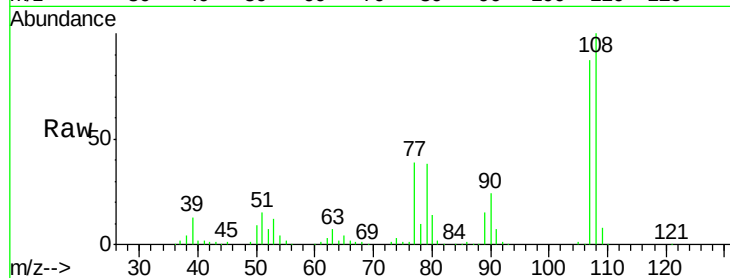
#17
2-Methylphenol
Concen: 44.931 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

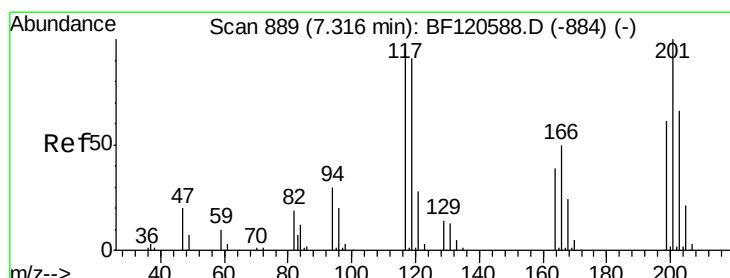
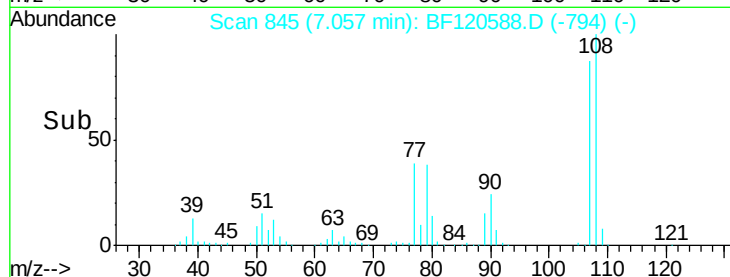
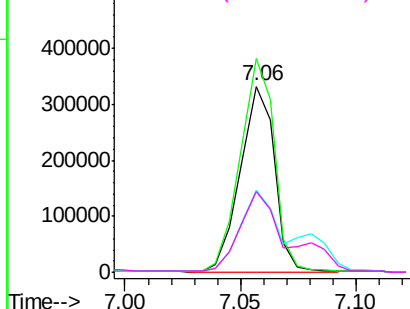
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.9	137.9
77	44.3	35.4	53.2
79	43.5	34.8	52.2

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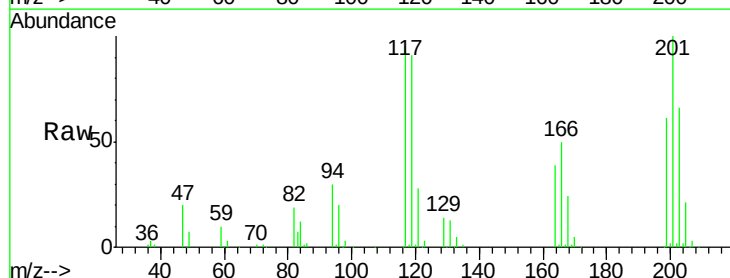


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

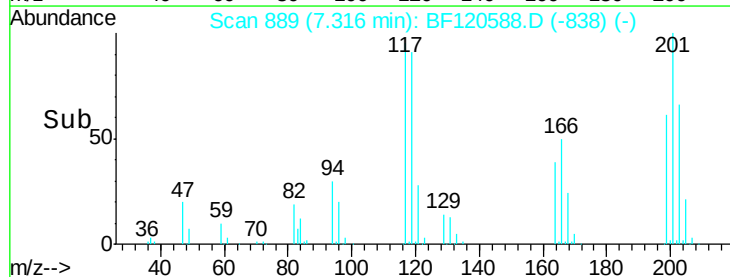
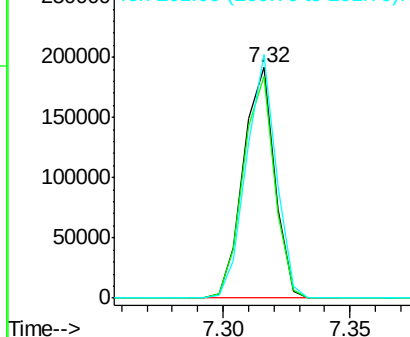


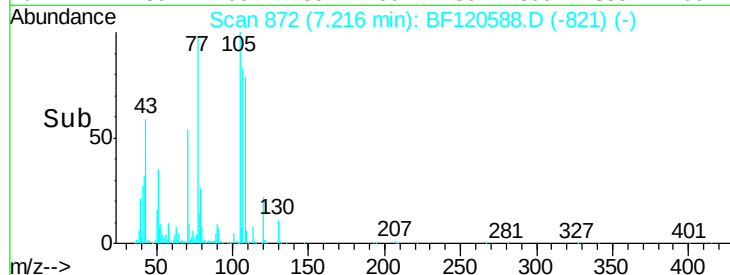
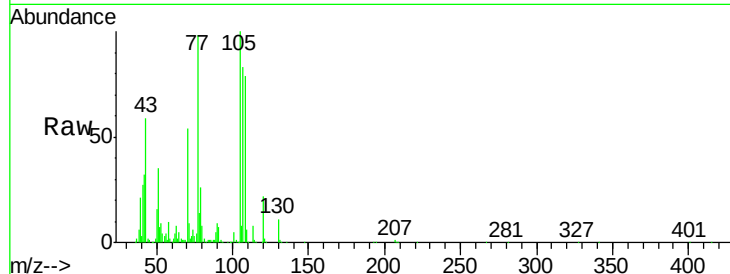
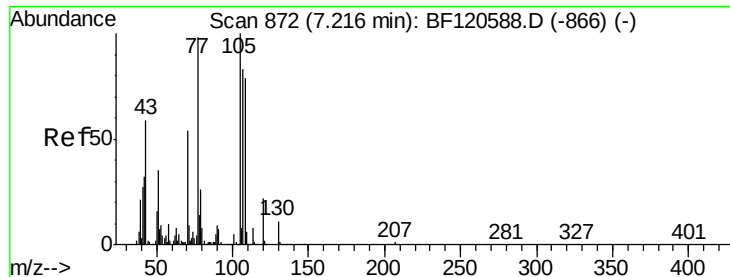
#18
Hexachloroethane
Concen: 46.994 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	105.8	84.6	127.0



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





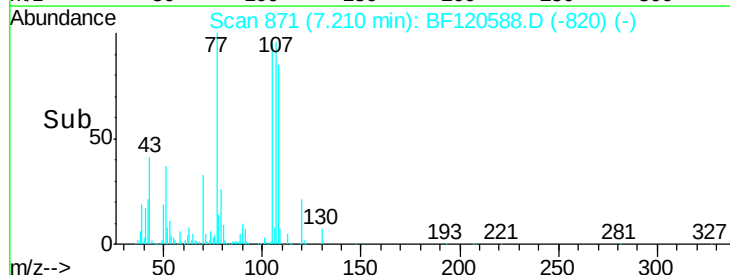
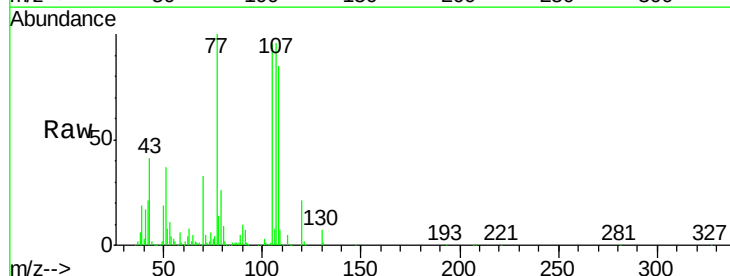
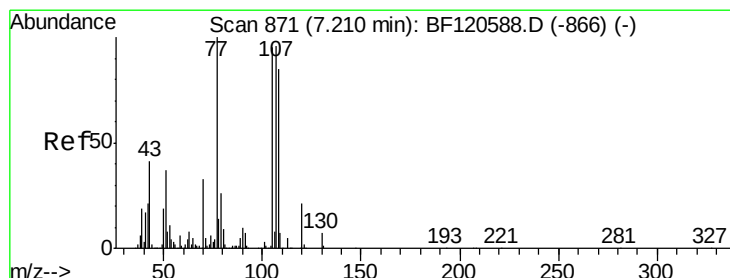
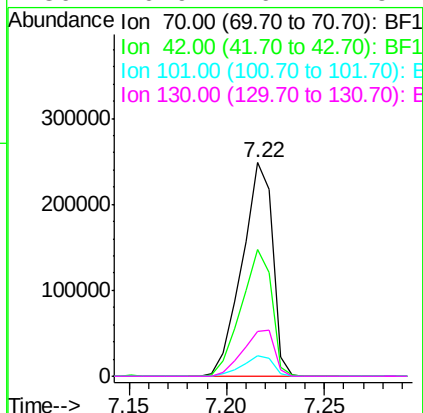
#19
n-Nitroso-di-n-propylamine
Concen: 45.997 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.7	71.5
101	9.5	7.6	11.4
130	20.9	16.7	25.1

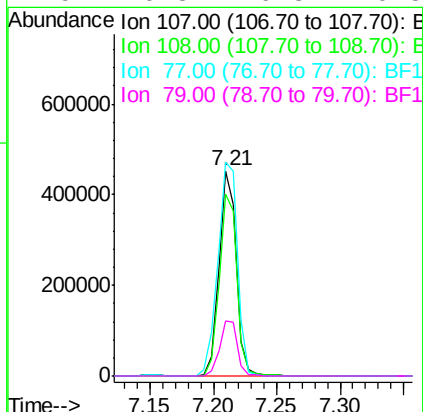
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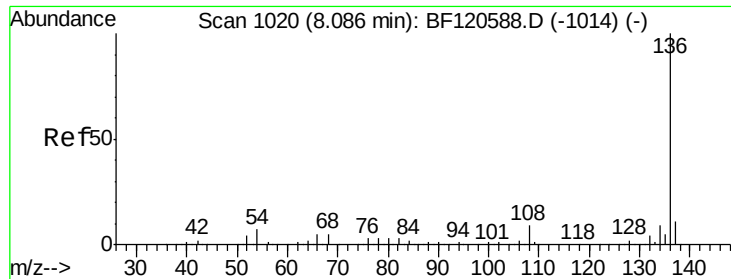
mohammad
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#20
3+4-Methylphenols
Concen: 45.429 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	104.2	84.2	124.2
79	26.8	6.8	46.8





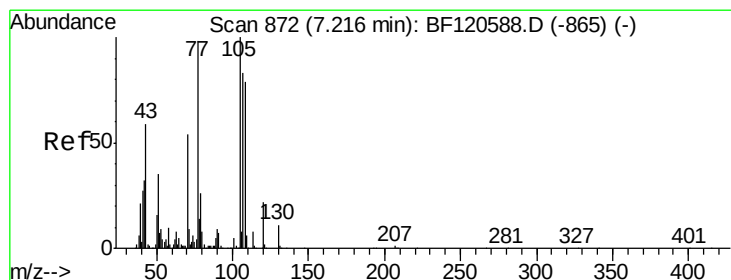
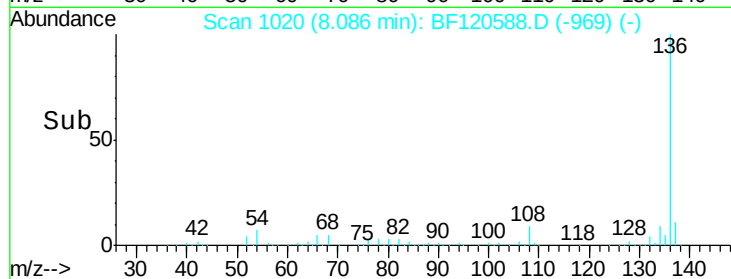
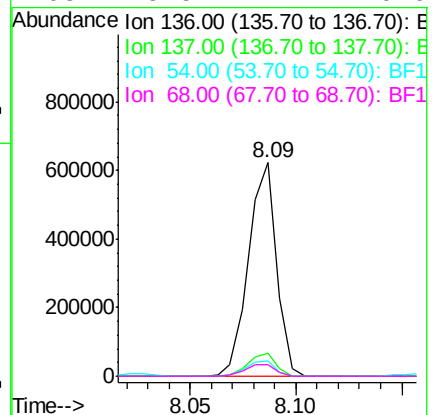
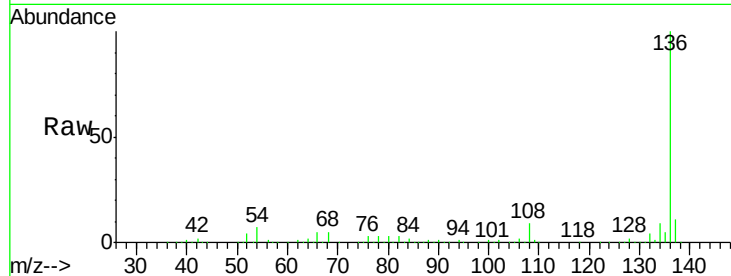
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	571236		
137	10.8		8.6	13.0
54	7.2		5.8	8.6
68	5.5		4.4	6.6

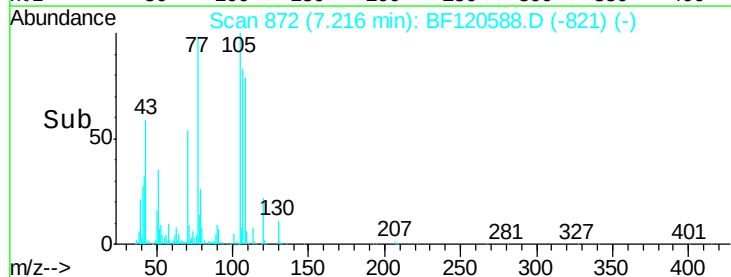
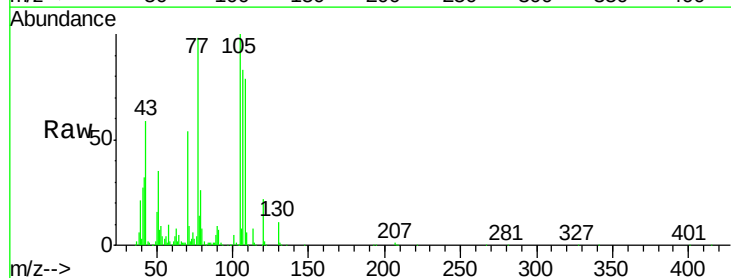
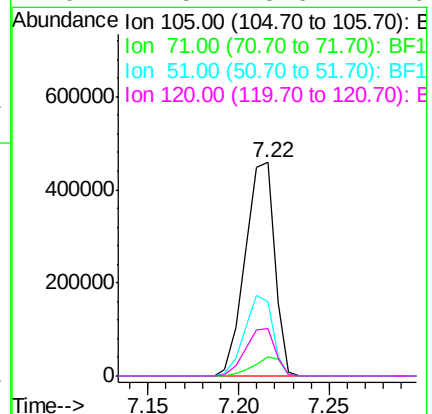
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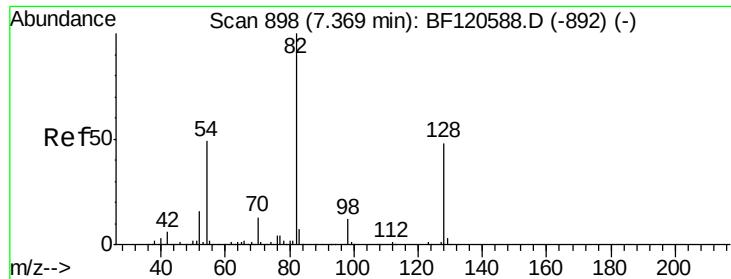
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#22
Acetophenone
Concen: 44.255 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519707		
71	9.0		7.2	10.8
51	34.8		27.8	41.8
120	22.5		18.0	27.0





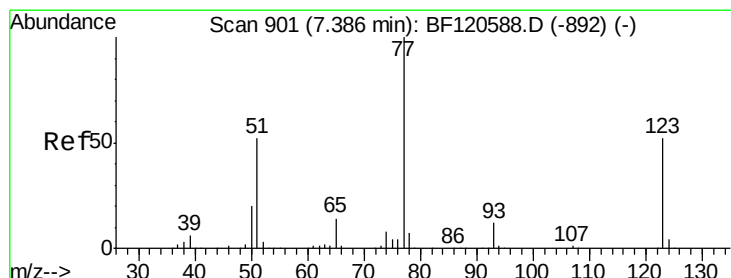
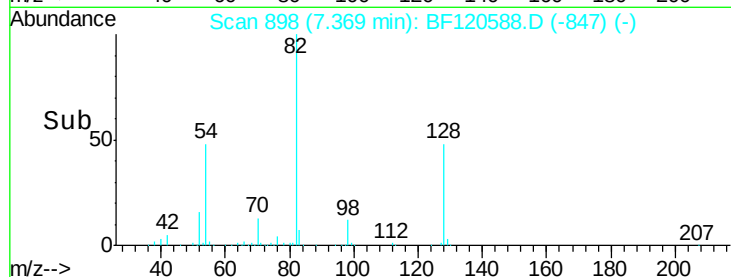
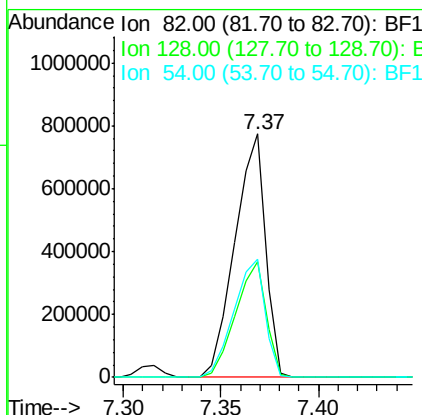
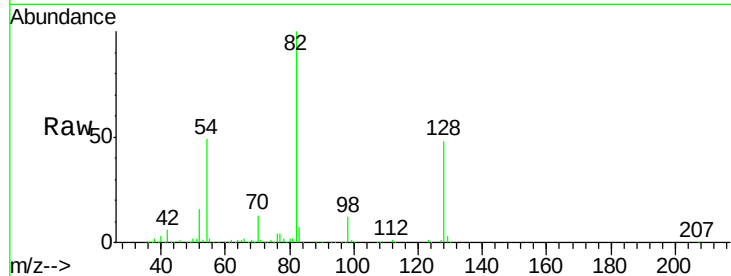
#23
 Nitrobenzene-d5
 Concen: 91.933 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.0	57.0
54	48.5	38.8	58.2

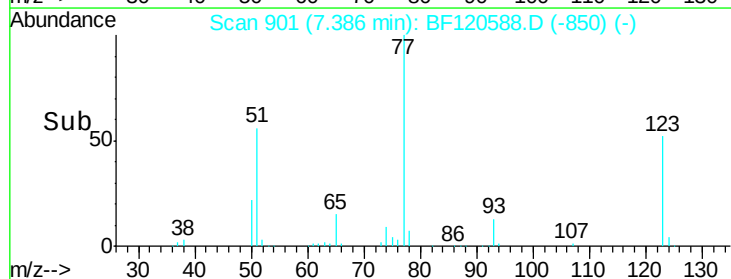
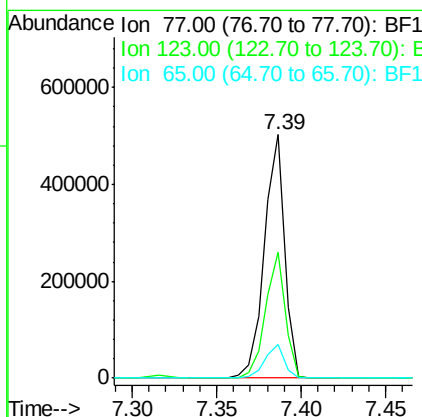
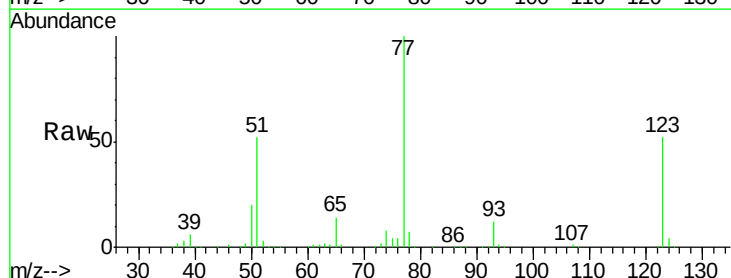
Manual Integrations
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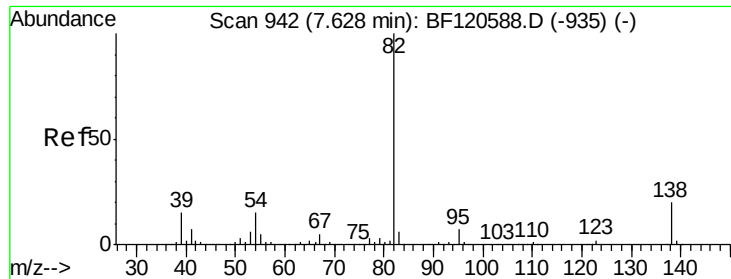
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#24
 Nitrobenzene
 Concen: 43.467 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	41.4	62.0
65	13.7	11.0	16.4





#25

Isophorone

Concen: 46.261 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

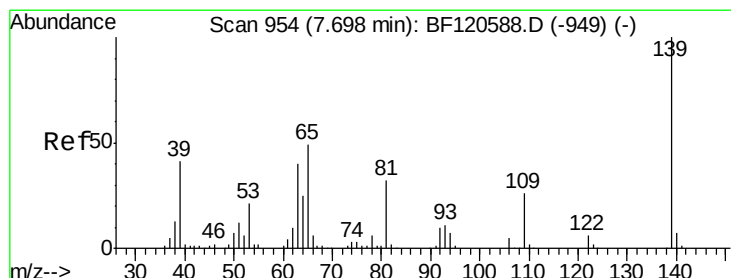
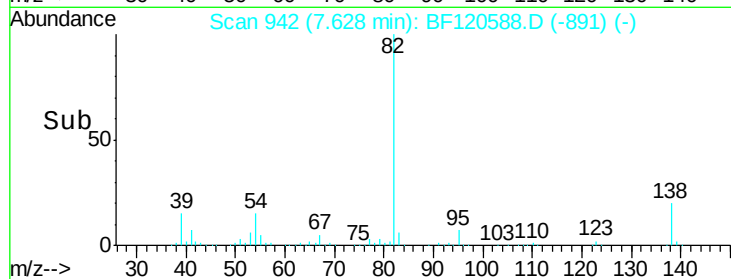
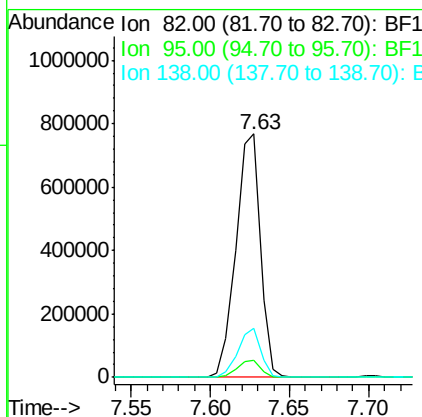
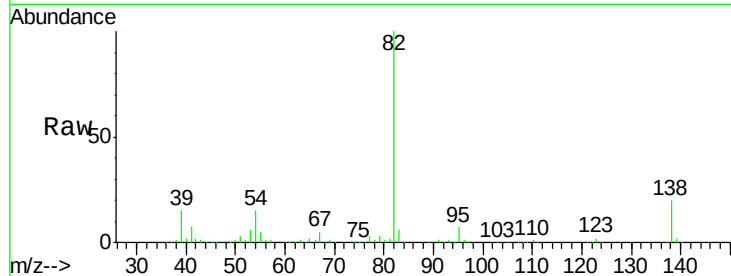
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	819889
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	20.3	16.2	24.4

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#26

2-Nitrophenol

Concen: 48.911 ng

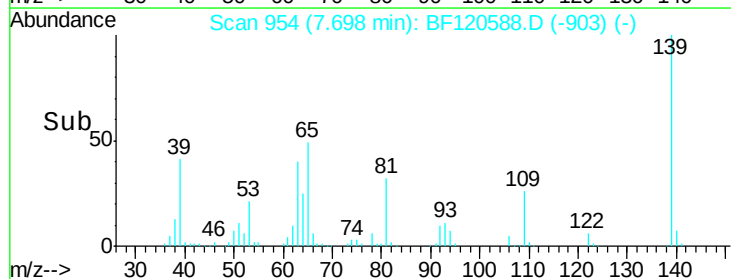
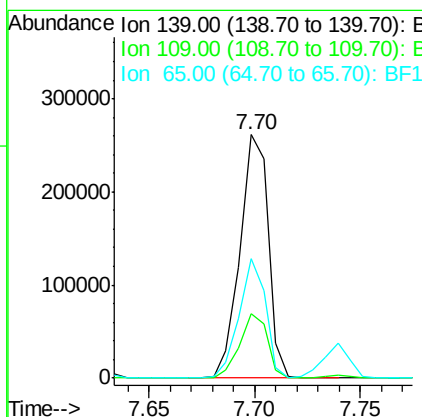
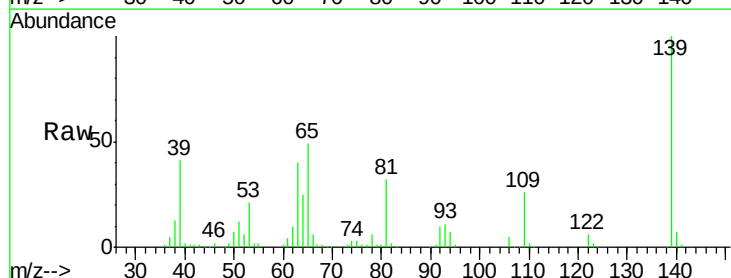
RT: 7.70 min Scan# 954

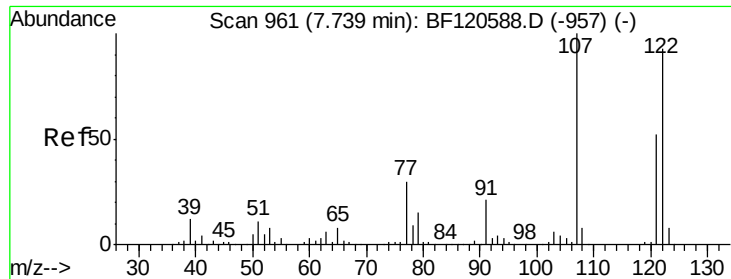
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:	139	Resp:	242608
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.1	31.7
65	49.2	39.4	59.0





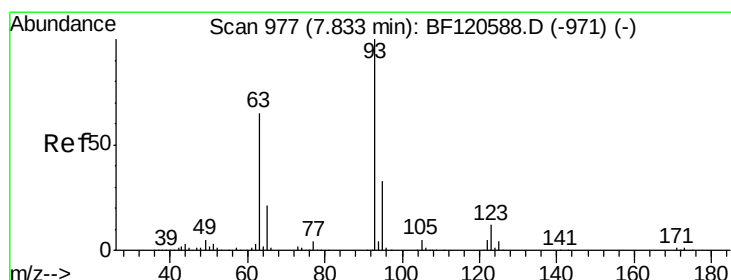
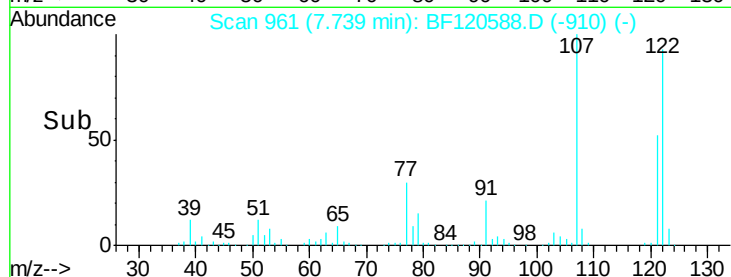
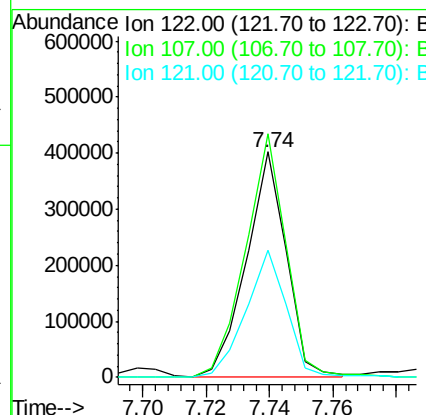
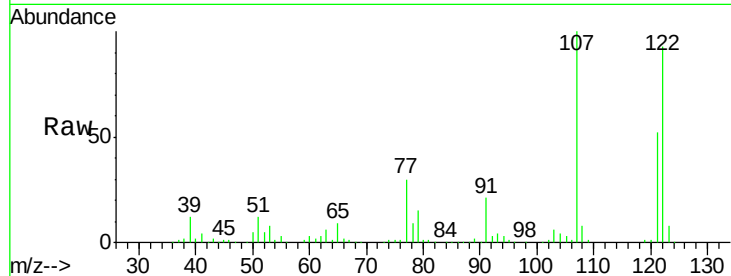
#27
 2,4-Dimethylphenol
 Concen: 48.639 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.0	86.4	129.6
121	56.5	45.2	67.8

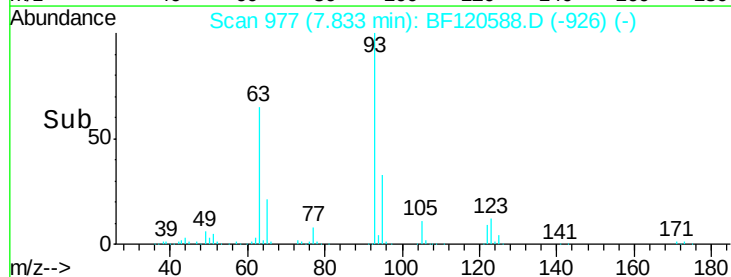
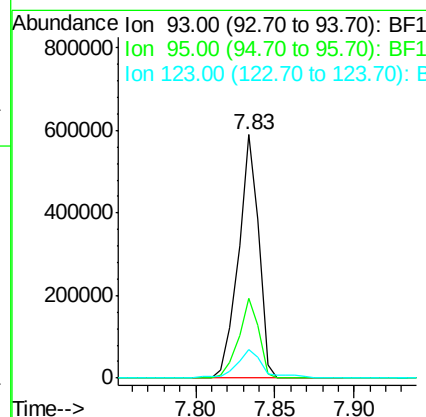
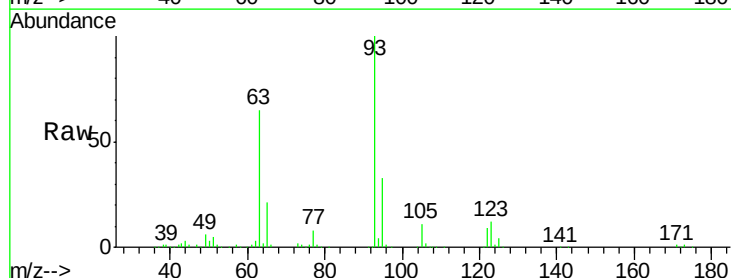
Manual Integrations
 APPROVED

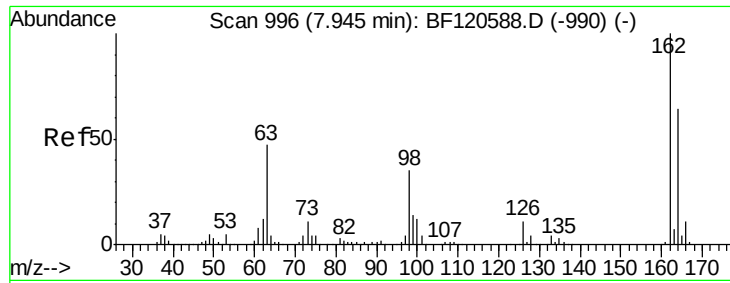
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.371 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.9	9.5	14.3





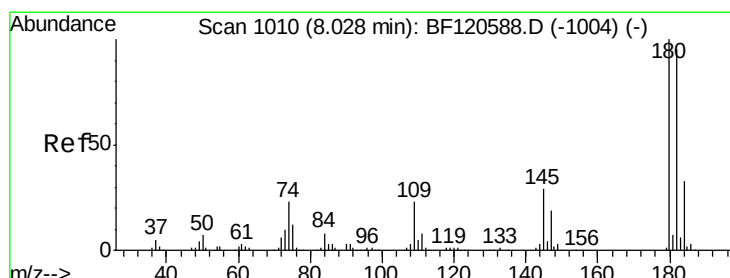
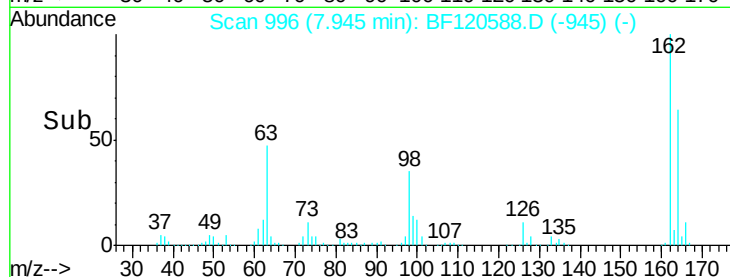
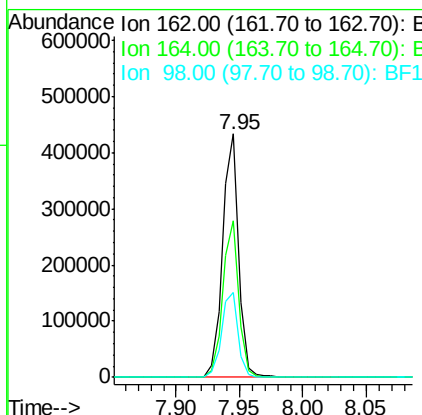
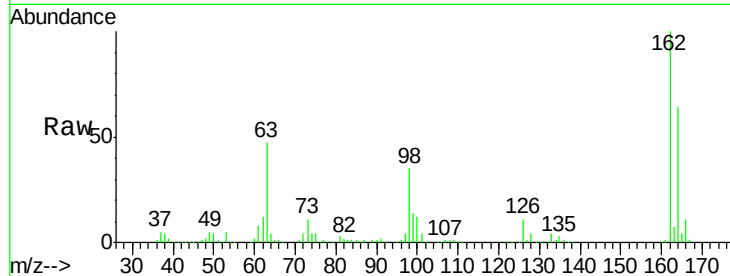
#29
2,4-Dichlorophenol
Concen: 50.425 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		382434		
164	64.1	44.1	84.1		
98	34.7	14.7	54.7		

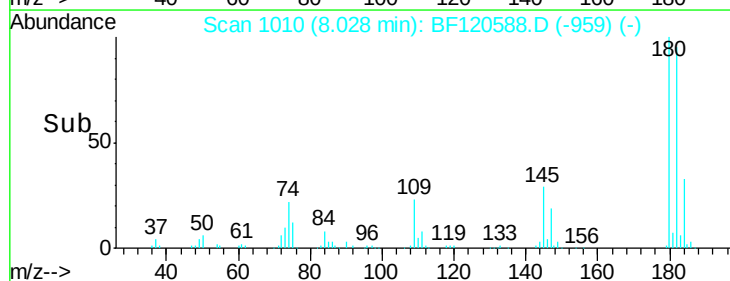
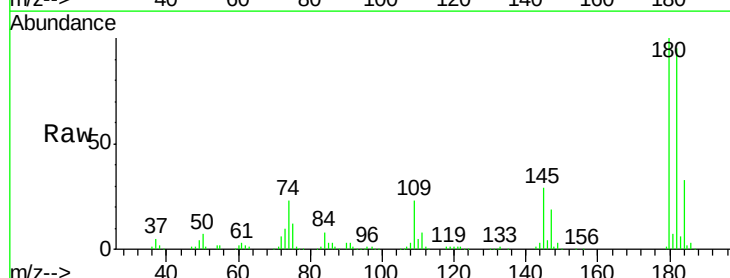
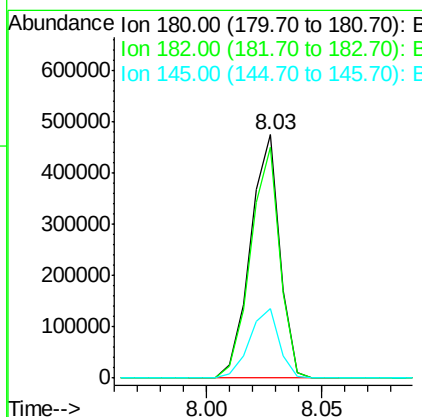
Manual Integrations
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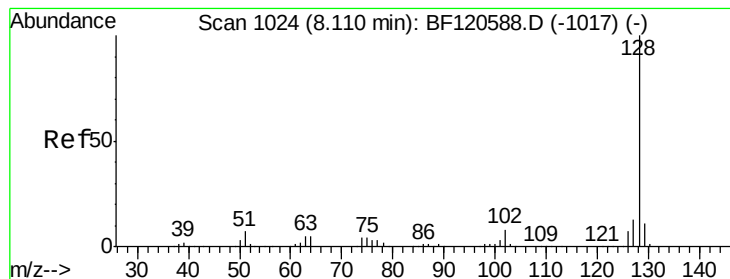
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 49.443 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		420838		
182	94.7	75.8	113.6		
145	28.8	23.0	34.6		





#31

Naphthalene

Concen: 47.598 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1219918

Ion Ratio Lower Upper

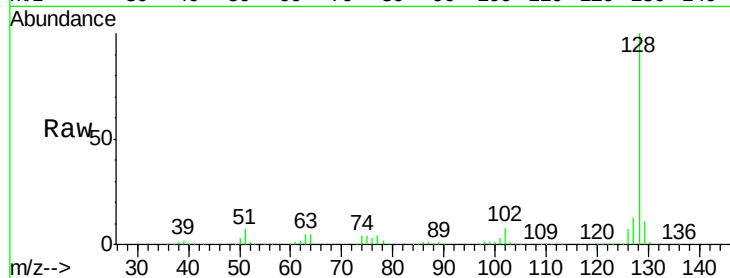
128 100

129 11.0 8.8 13.2

127 13.2 10.6 15.8

Manual Integrations
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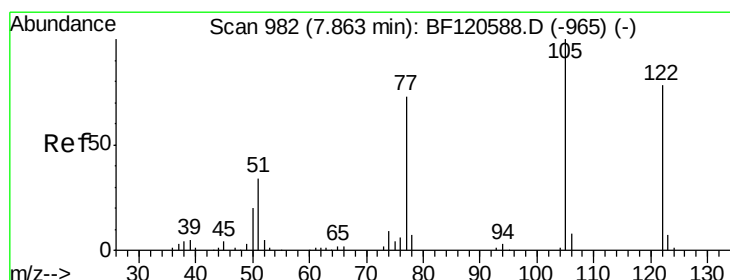
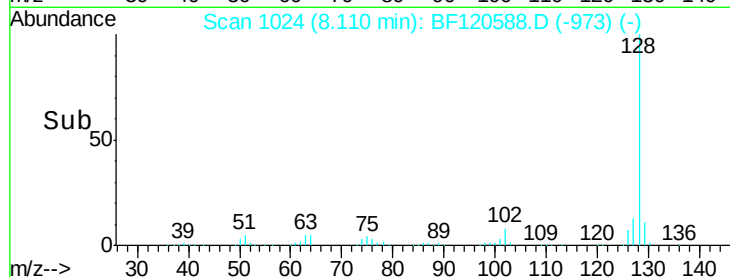
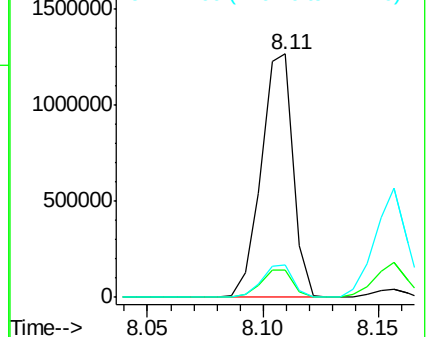
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.946 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

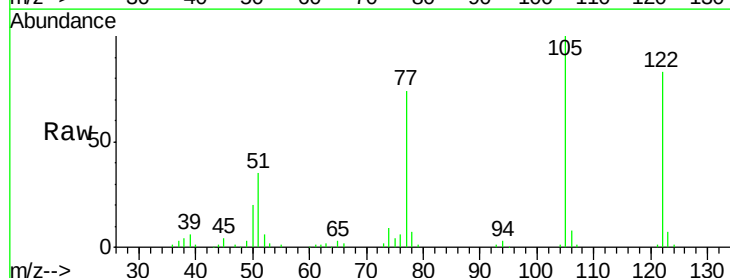
Tgt Ion:122 Resp: 290547

Ion Ratio Lower Upper

122 100

105 121.0 101.0 141.0

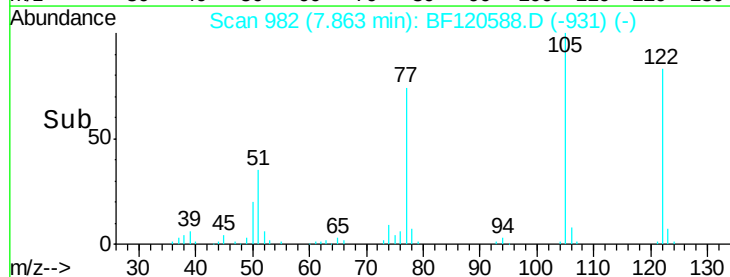
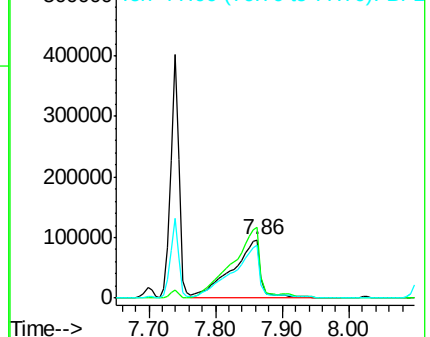
77 89.8 69.8 109.8

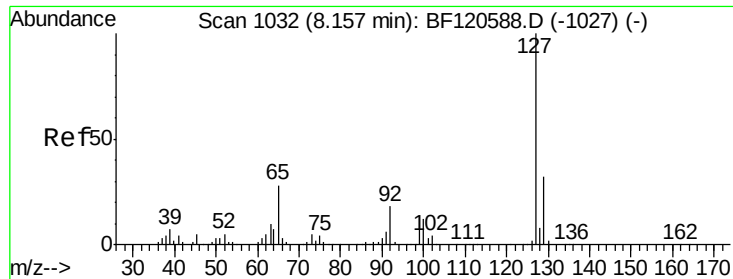


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





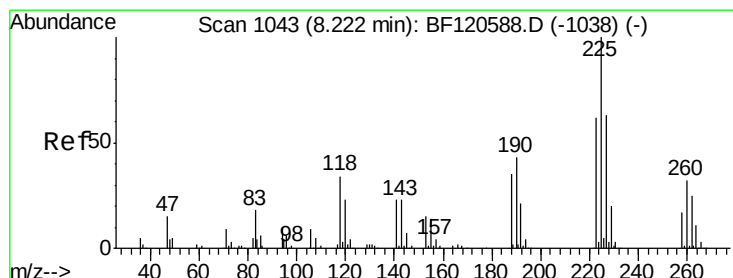
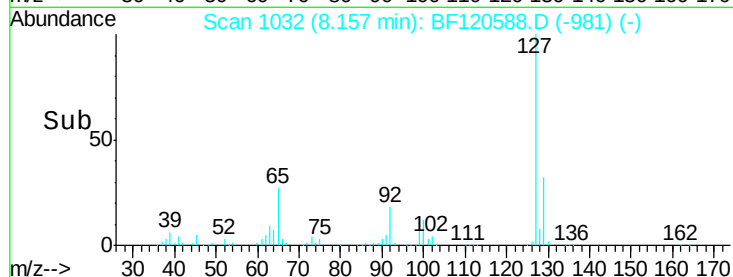
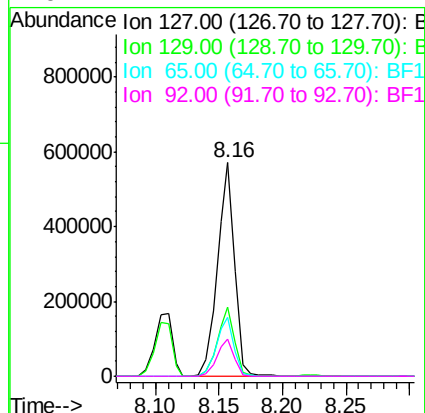
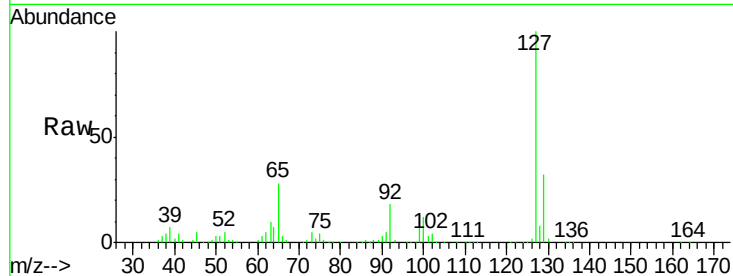
#33
4-Chloroaniline
Concen: 47.479 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	27.8	22.2	33.4		
92	17.7	14.2	21.2		

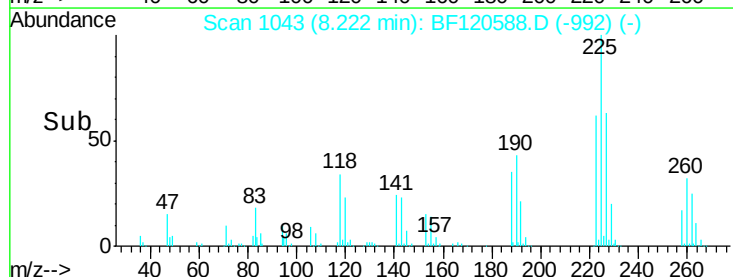
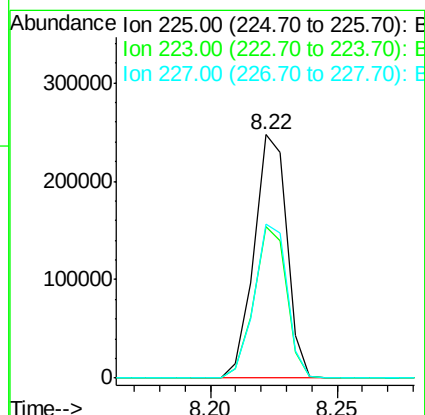
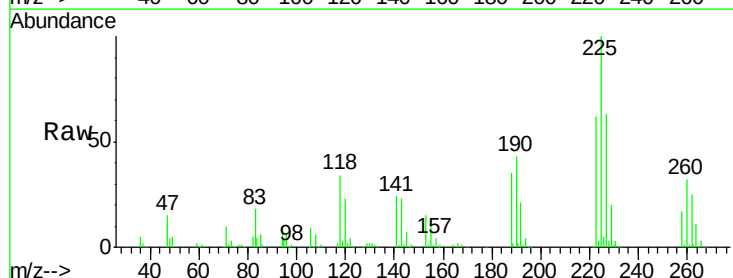
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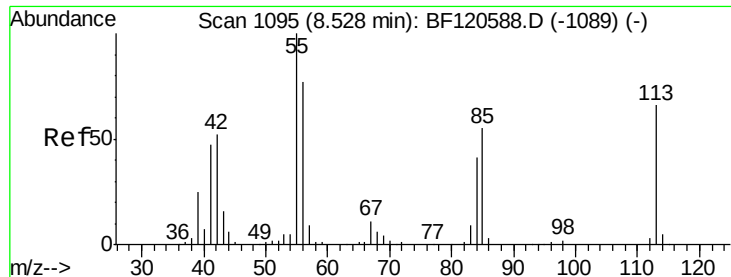
mohammad
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#34
Hexachlorobutadiene
Concen: 45.075 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.9	74.9		
227	63.1	50.5	75.7		





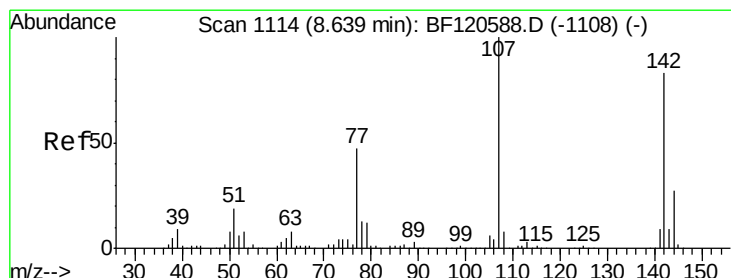
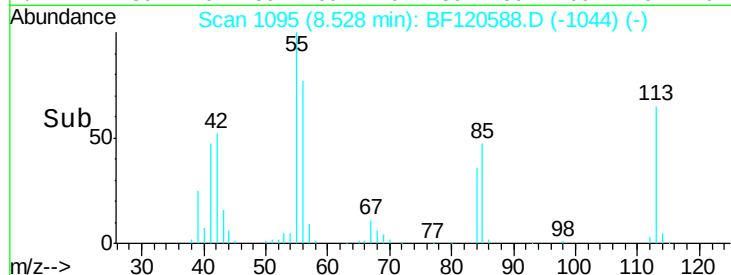
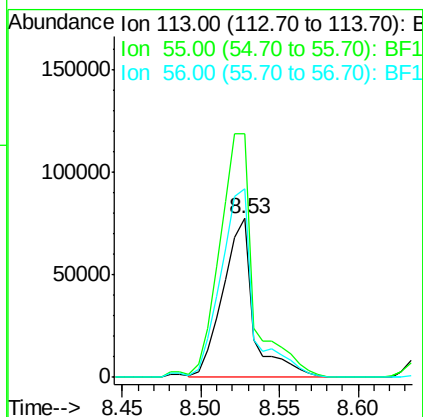
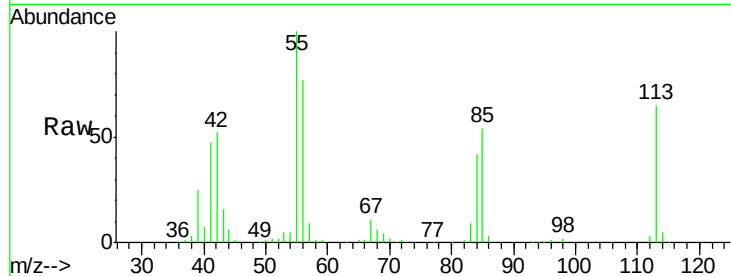
#35
 Caprolactam
 Concen: 40.743 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.1	133.1	173.1
56	118.4	98.4	138.4

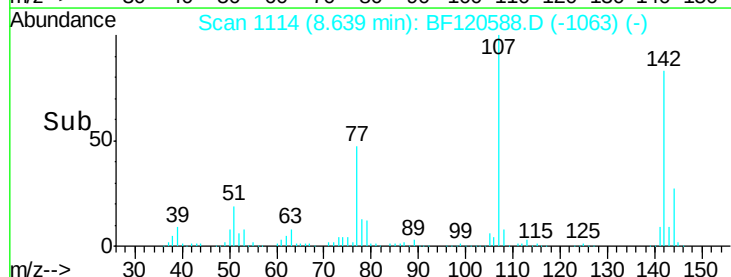
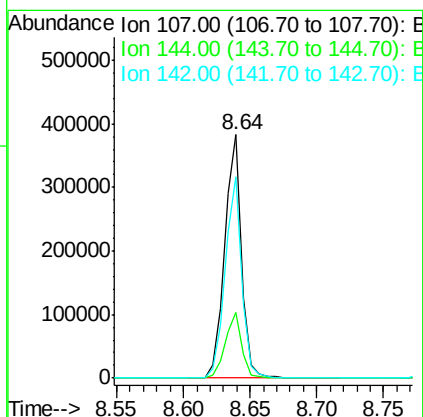
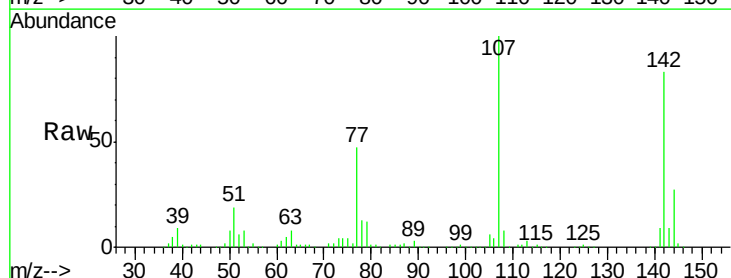
Manual Integrations
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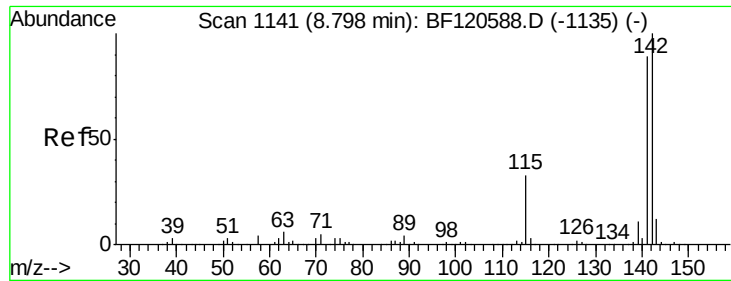
mohammad
 6/11/2020 1:48:36 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.517 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.4	32.2
142	82.9	66.3	99.5





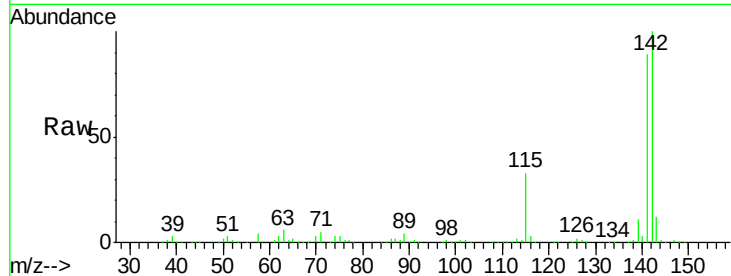
#37
2-Methylnaphthalene
Concen: 43.939 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

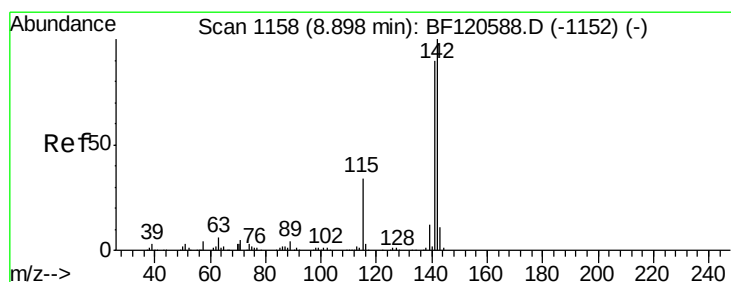
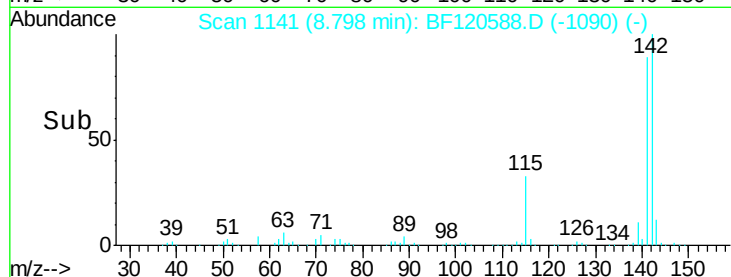
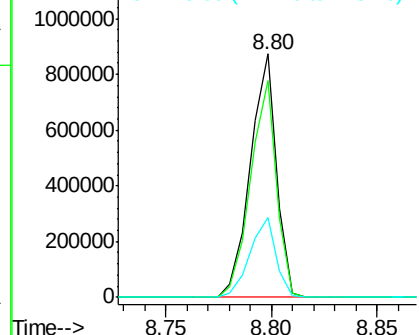
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	32.6	26.1	39.1

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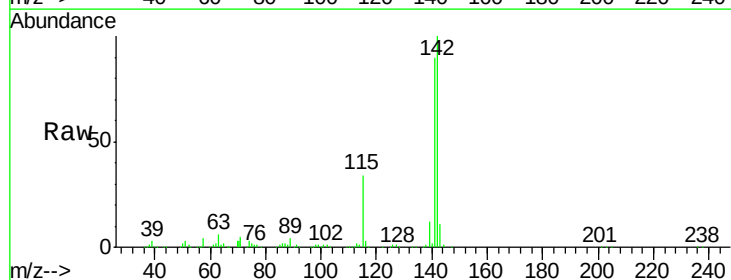


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

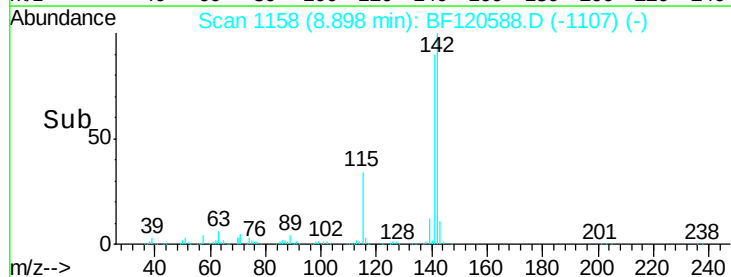
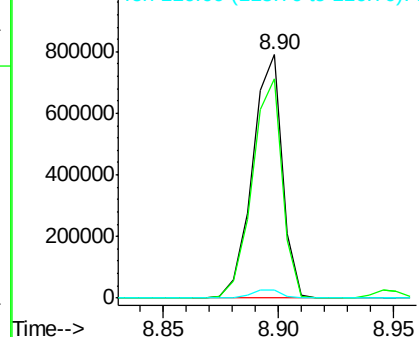


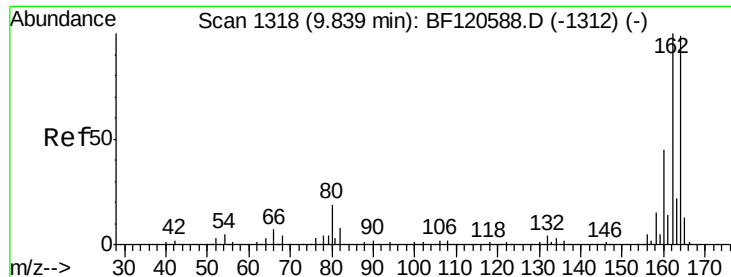
#38
1-Methylnaphthalene
Concen: 45.704 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
116	3.4	2.7	4.1



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

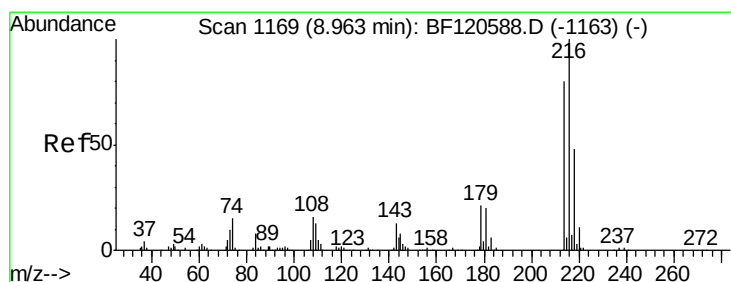
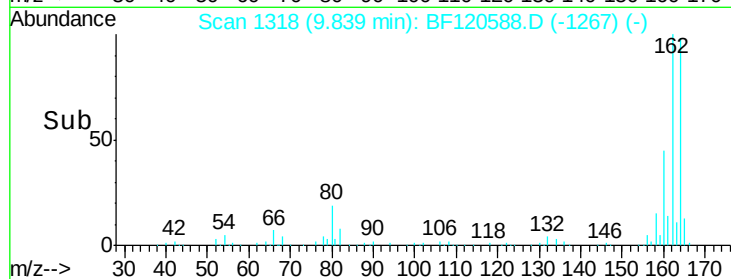
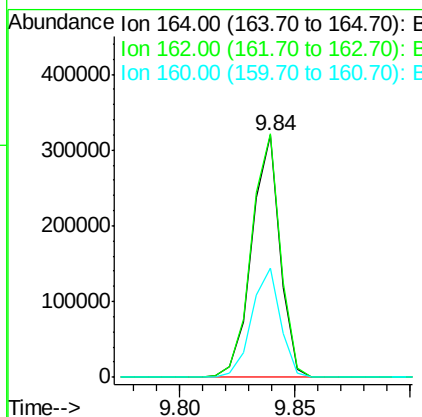
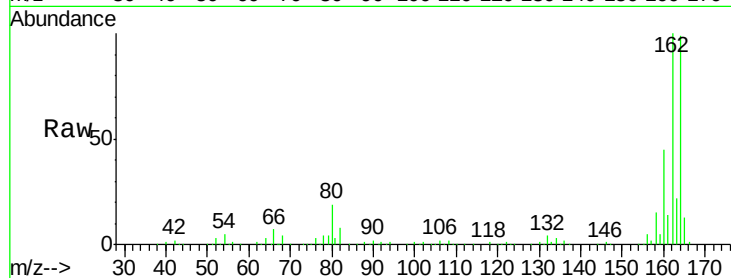
ClientSampleId :

SSTDICCC040

Tot Ion:	164	Resp:	273533
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.6	120.8
160	45.2	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.426 ng

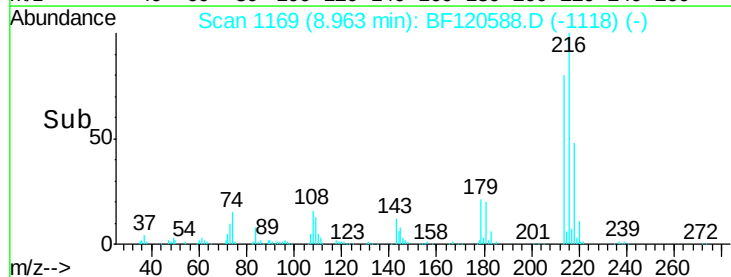
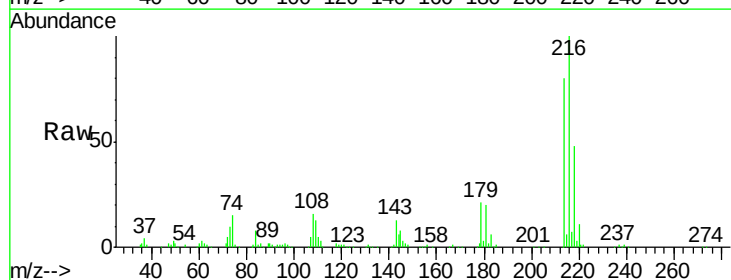
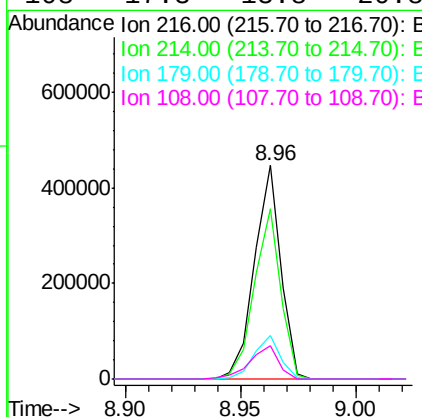
RT: 8.96 min Scan# 1169

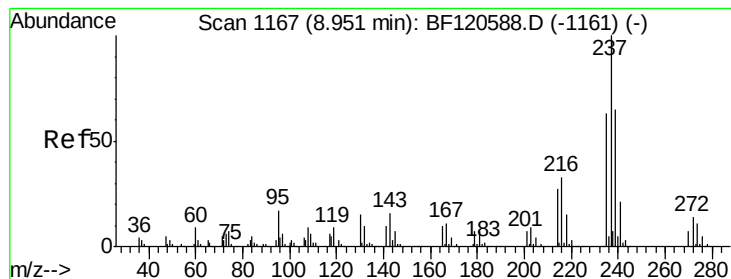
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:	216	Resp:	357519
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.6
179	20.5	16.4	24.6
108	17.3	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 48.044 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

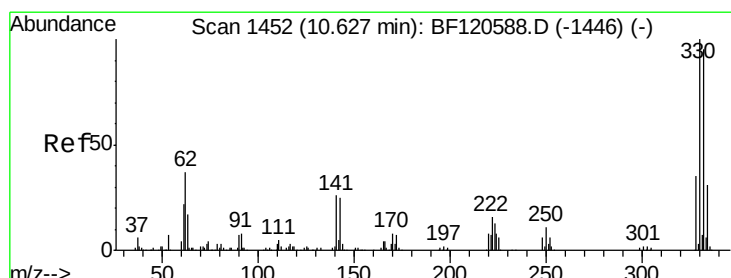
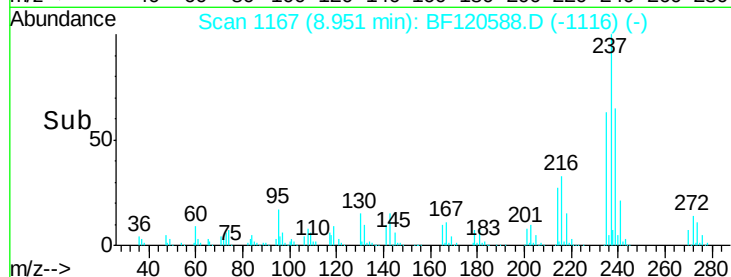
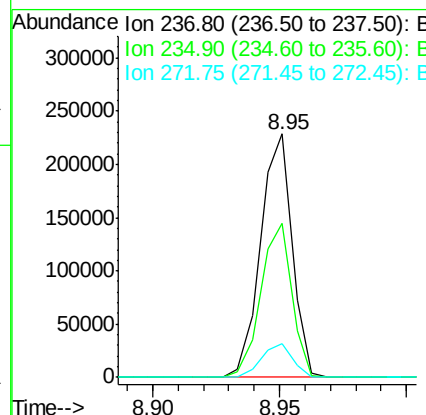
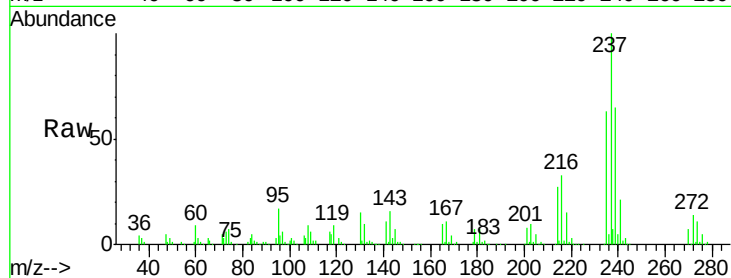
ClientSampleId :

SSTDICCC040

Tot Ion:	237	Resp:	198705
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	13.9	0.0	33.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 99.997 ng

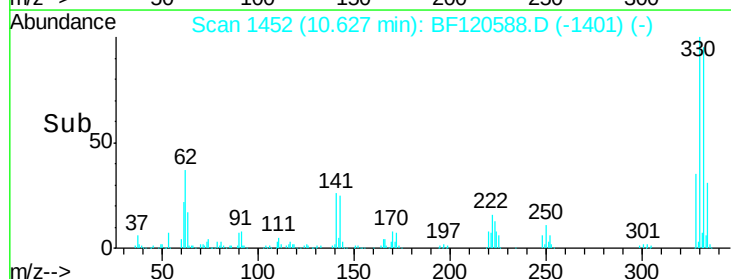
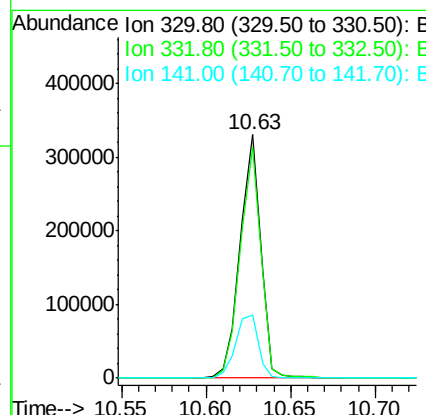
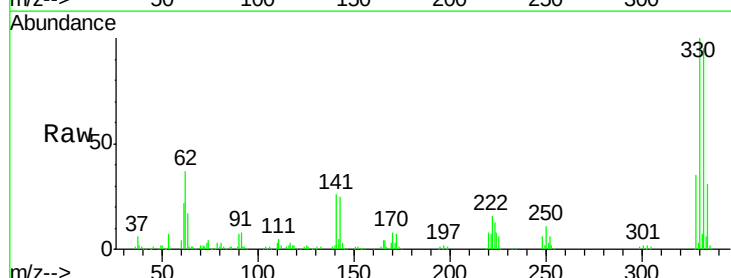
RT: 10.63 min Scan# 1452

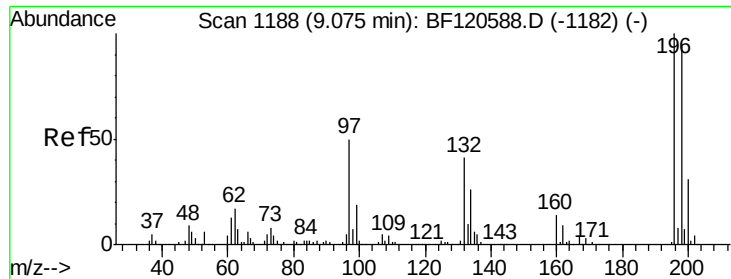
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:	330	Resp:	282316
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.8	115.2
141	29.0	23.2	34.8





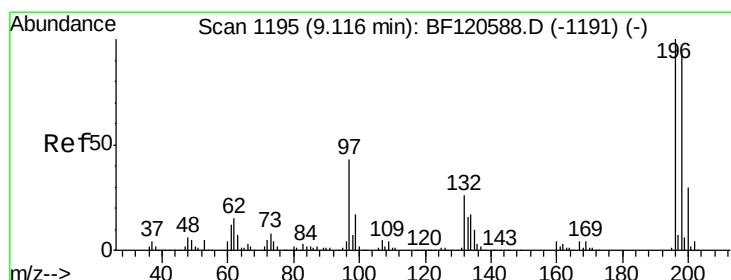
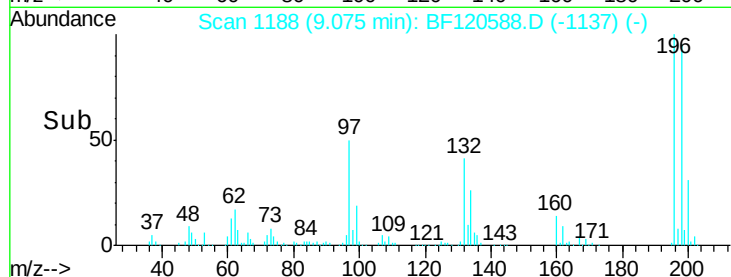
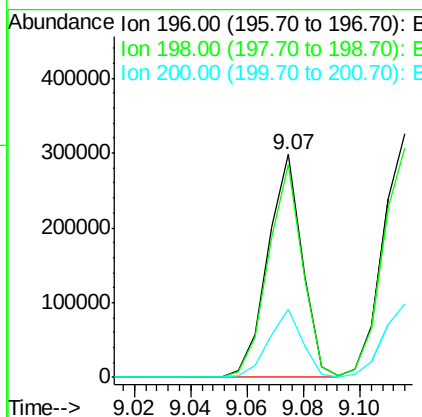
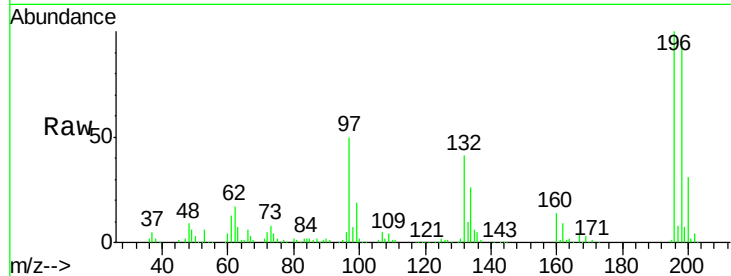
#43
 2,4,6-Trichlorophenol
 Concen: 49.229 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252630		
198	95.2	76.2	114.2	
200	30.8	24.6	37.0	

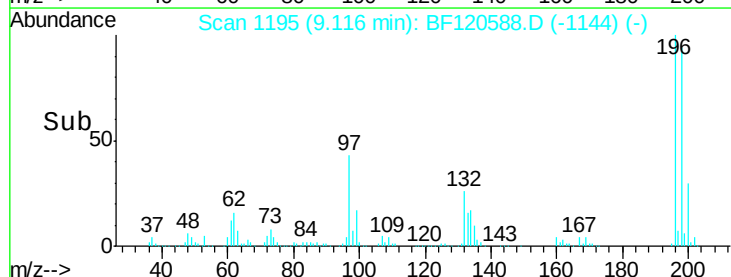
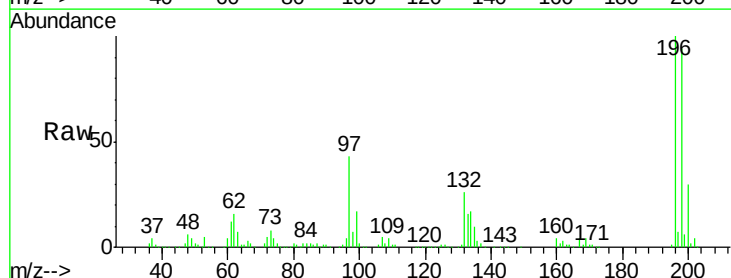
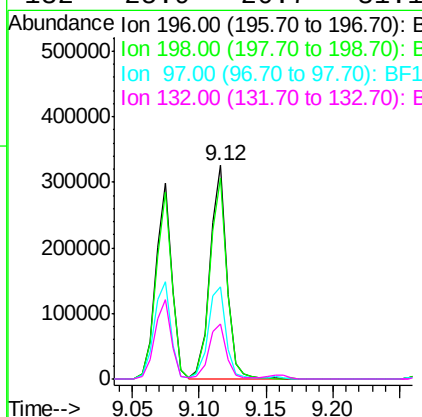
Manual Integrations
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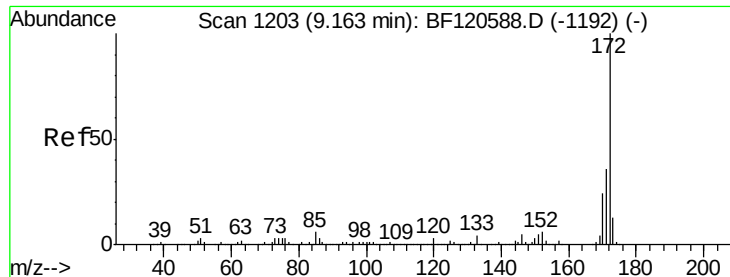
mohammad
 6/11/2020 1:48:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.423 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288360		
198	94.4	75.5	113.3	
97	43.0	34.4	51.6	
132	25.9	20.7	31.1	





#45

2-Fluorobiphenyl

Concen: 89.347 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:172 Resp: 1456054

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

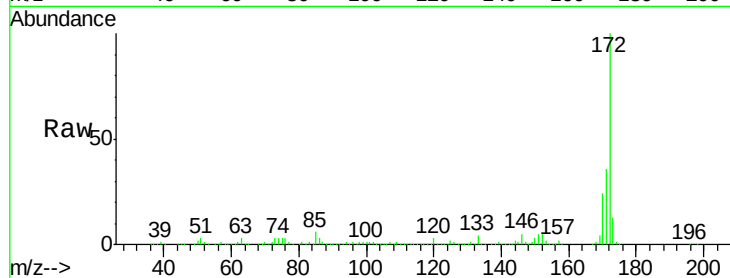
170 24.3 19.4 29.2

Manual Integrations

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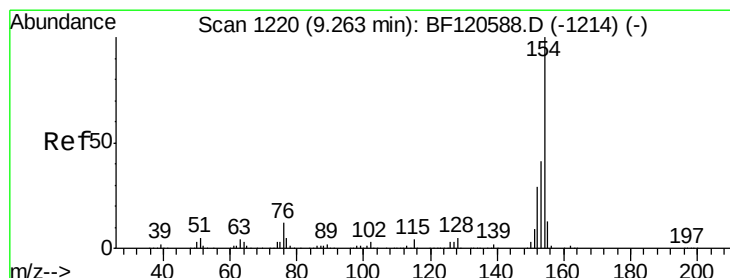
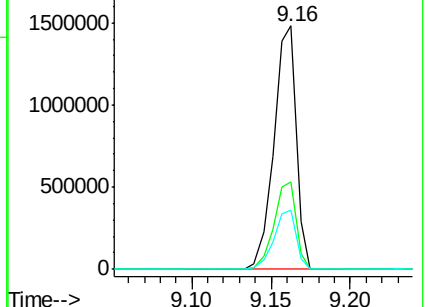
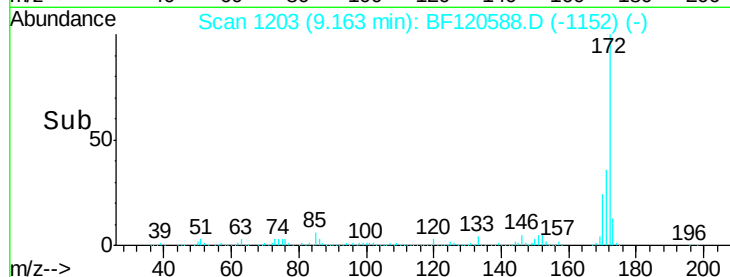
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 48.440 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

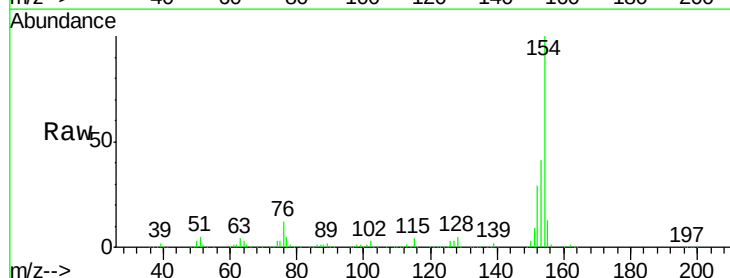
Tgt Ion:154 Resp: 899302

Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

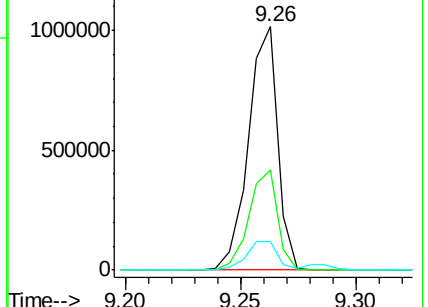
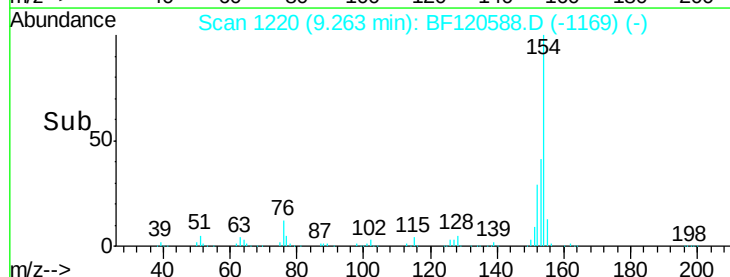
76 11.6 0.0 31.6

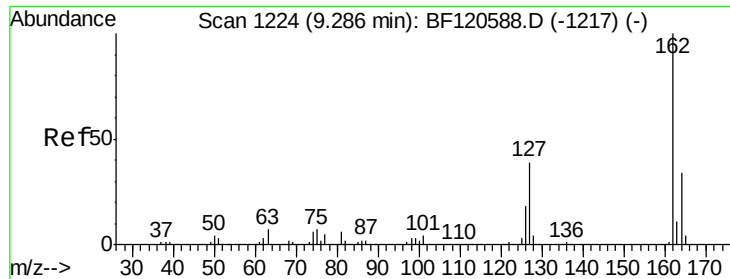


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





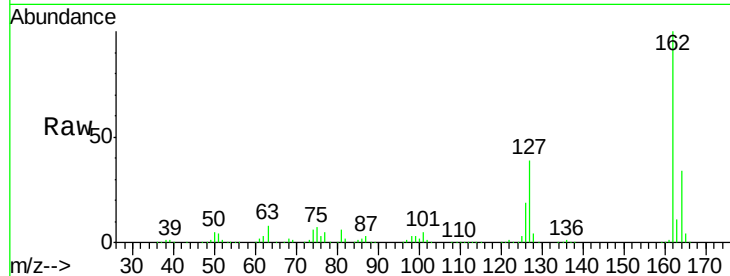
#47
2-Chloronaphthalene
Concen: 47.943 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

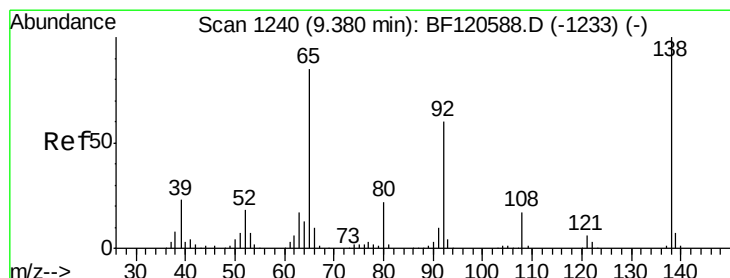
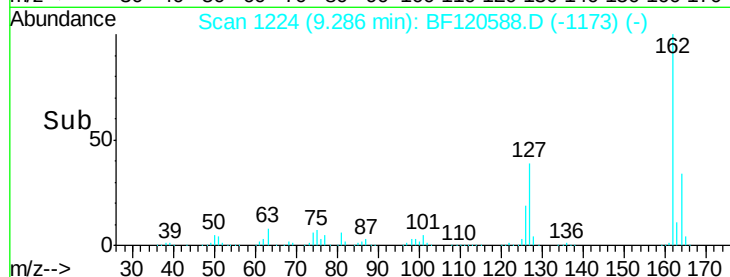
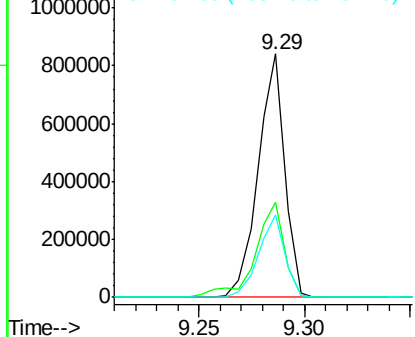
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.3	46.9
164	33.6	26.9	40.3

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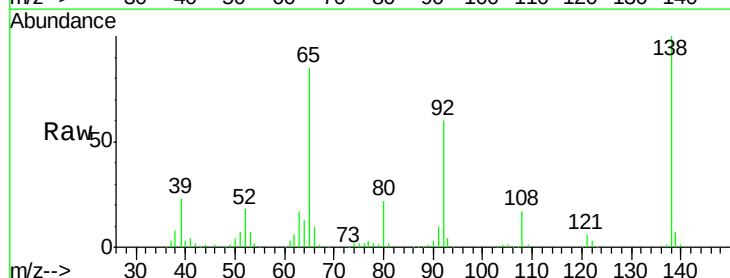


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

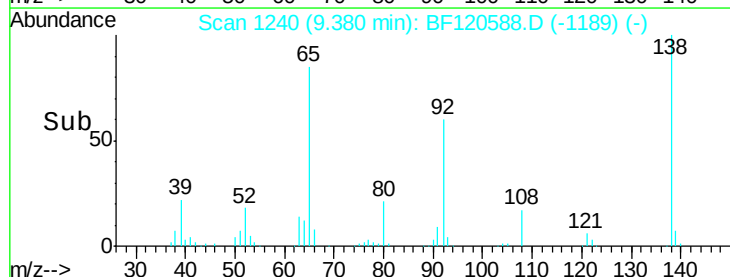
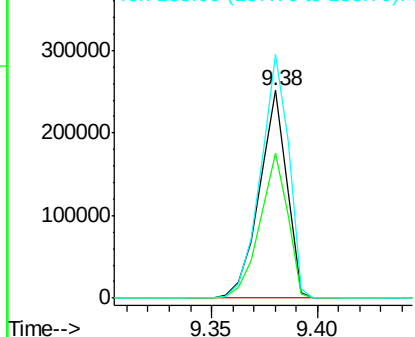


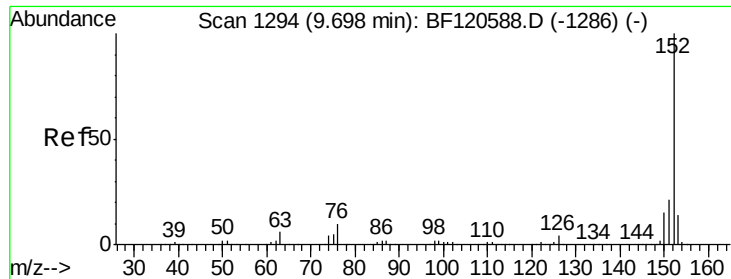
#48
2-Nitroaniline
Concen: 47.742 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	56.0	84.0
138	117.5	94.0	141.0



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: 49.475 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1146194

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

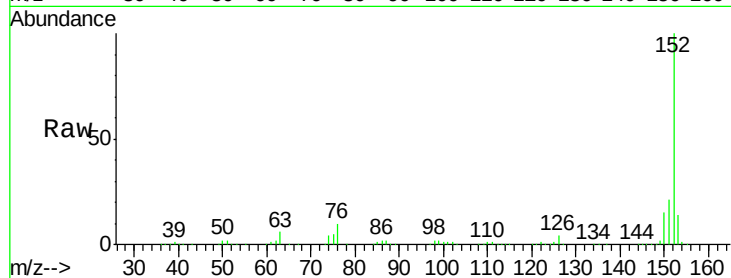
153 13.8 11.0 16.6

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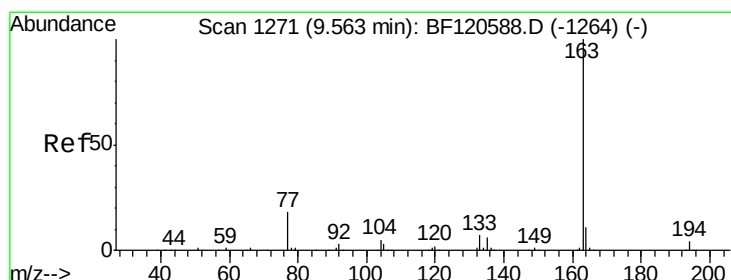
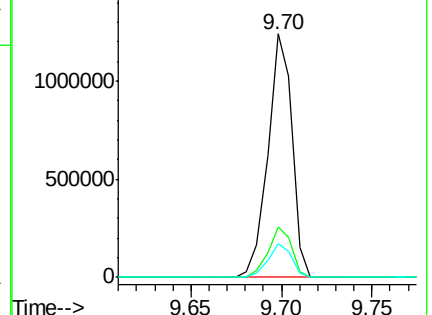
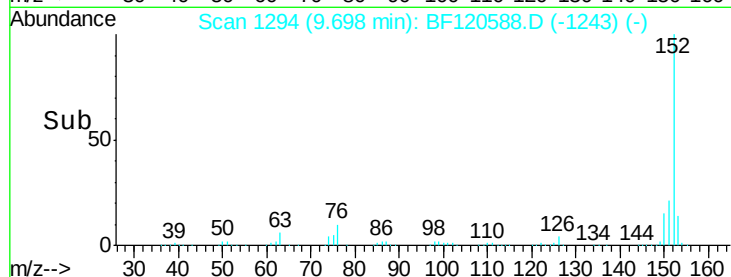
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.863 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

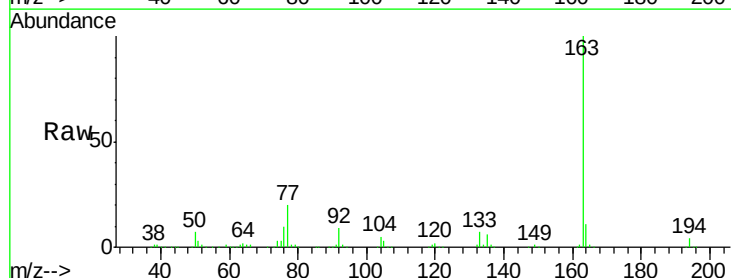
Tgt Ion:163 Resp: 850919

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

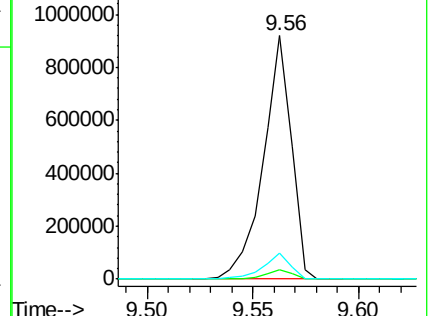
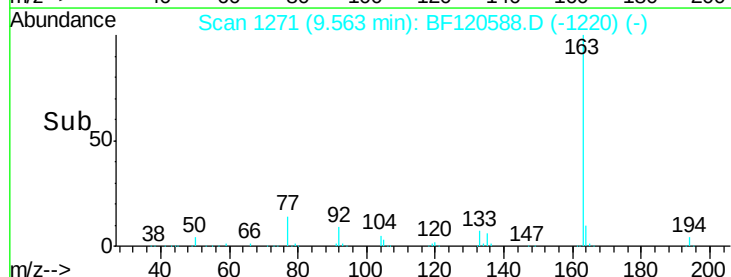
164 10.6 8.5 12.7

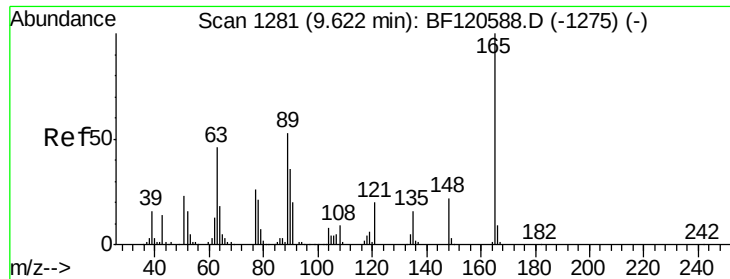


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





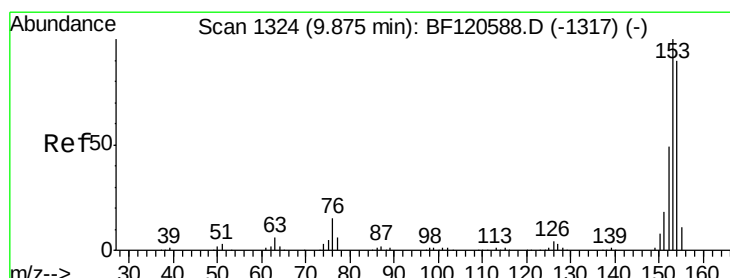
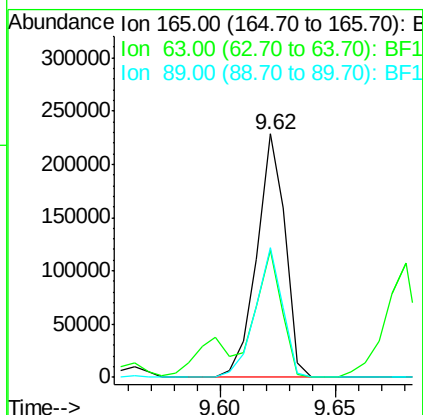
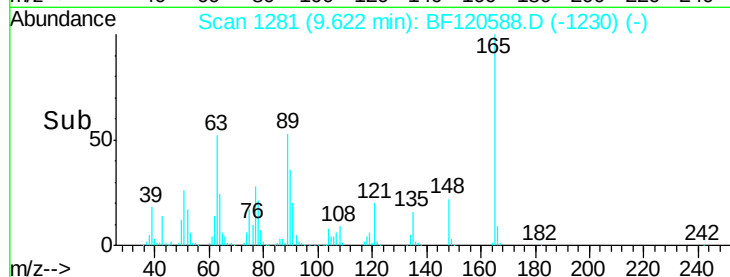
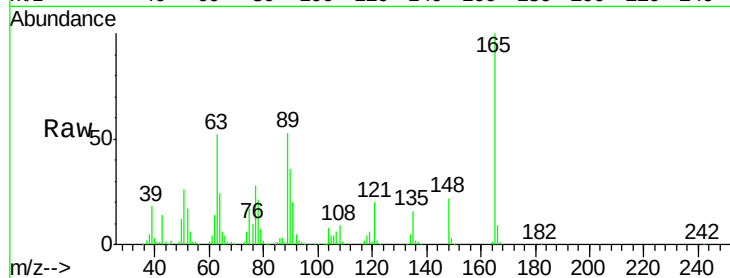
#51
2,6-Dinitrotoluene
Concen: 48.353 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195382		
63	52.1	41.7	62.5	
89	53.3	42.6	64.0	

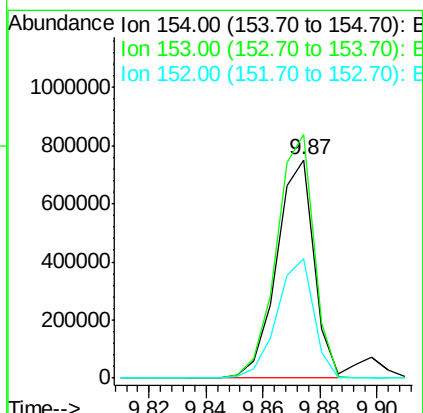
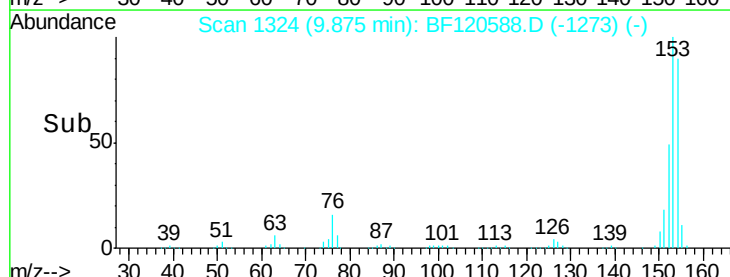
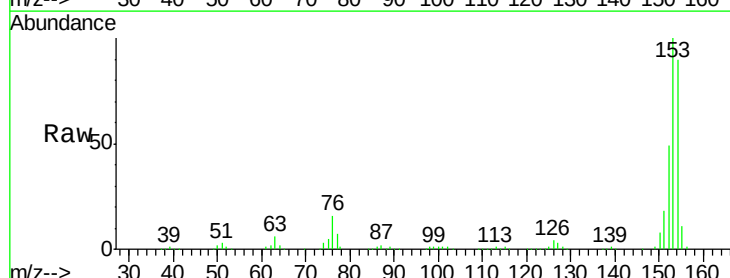
Manual Integrations
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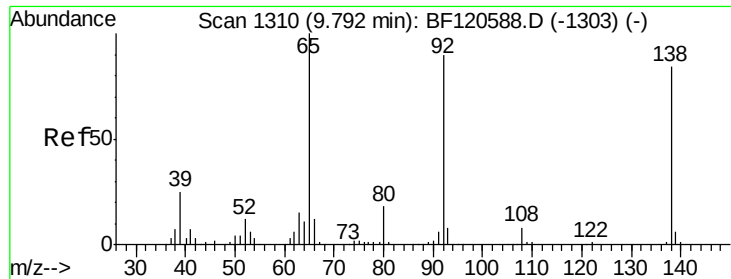
mohammad
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#52
Acenaphthene
Concen: 48.999 ng m
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	678485		
153	111.4	89.1	133.7	
152	54.6	43.7	65.5	





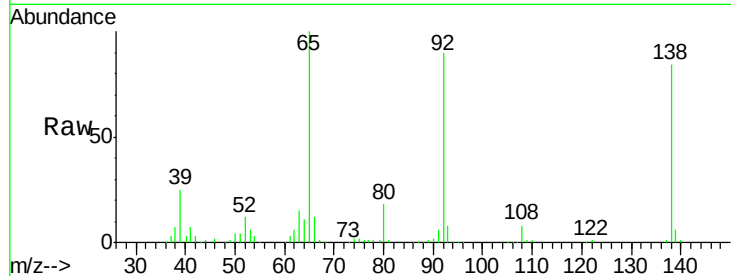
#53
3-Nitroaniline
Concen: 48.358 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

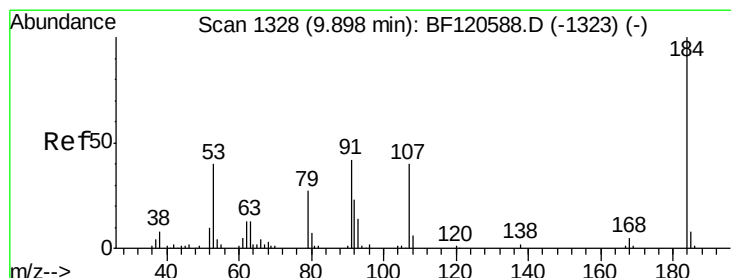
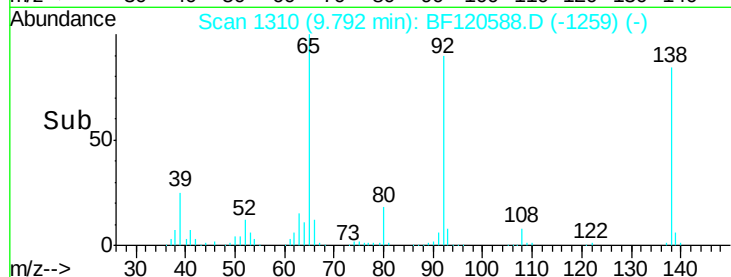
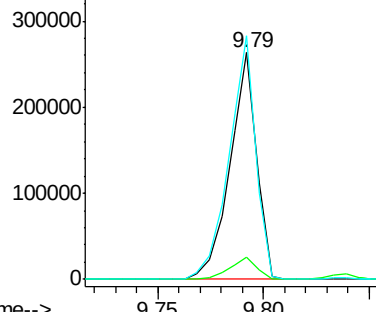
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	107.5	86.0	129.0

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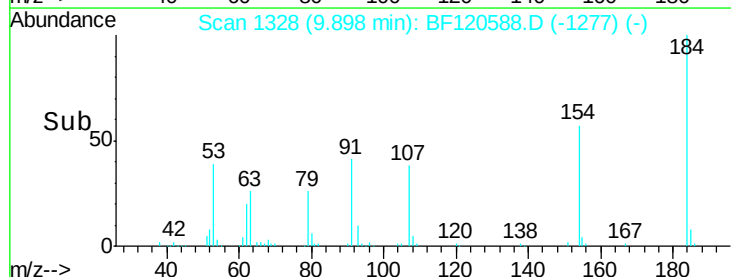
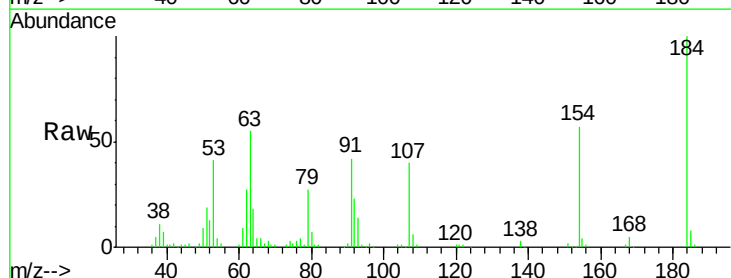
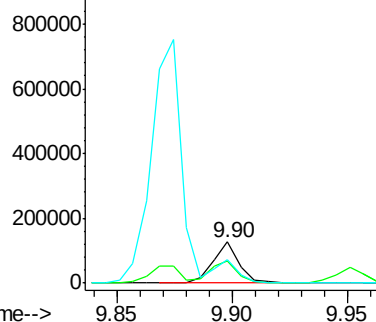
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

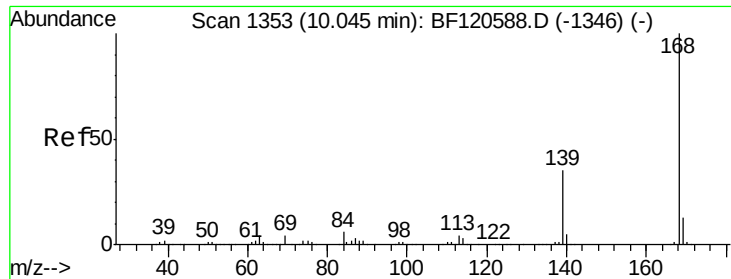


#54
2,4-Dinitrophenol
Concen: 46.433 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	44.2	66.2
154	57.4	45.9	68.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





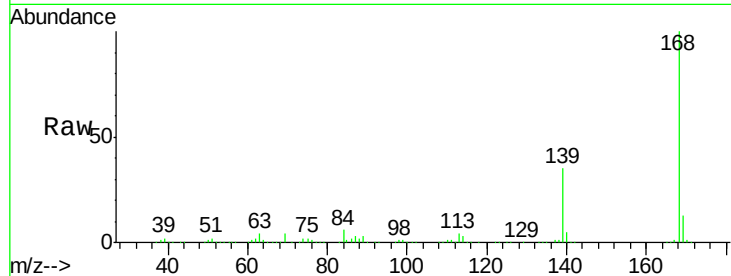
#55
Dibenzofuran
Concen: 49.495 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.1	42.1
169	13.3	10.6	16.0

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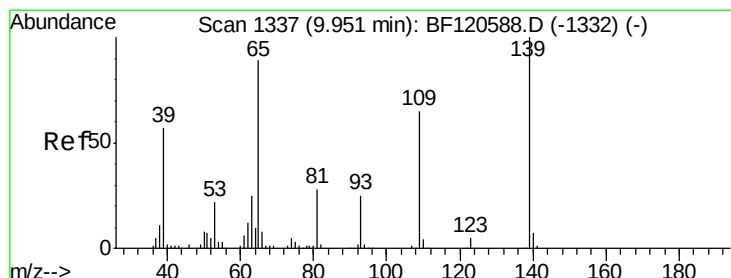
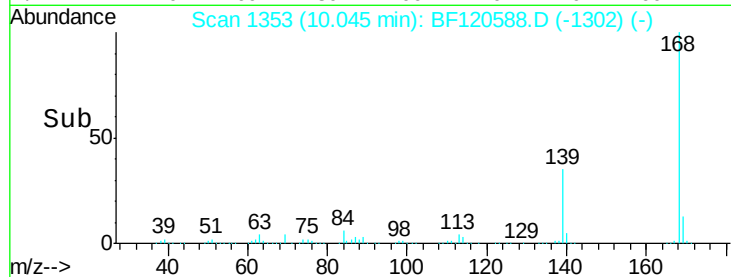
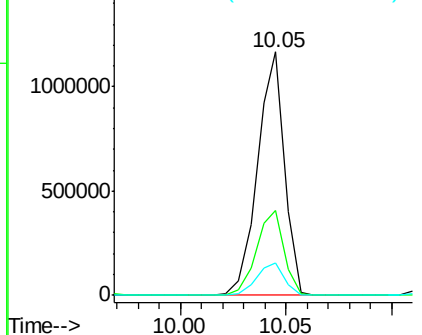


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 49.752 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

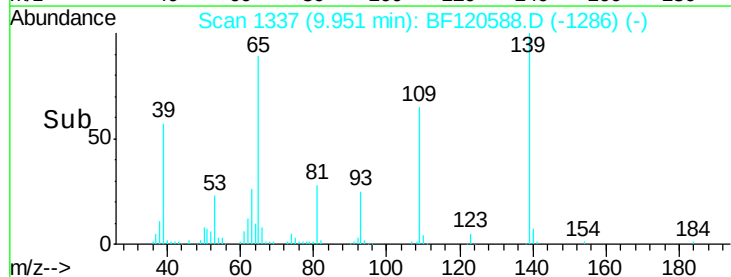
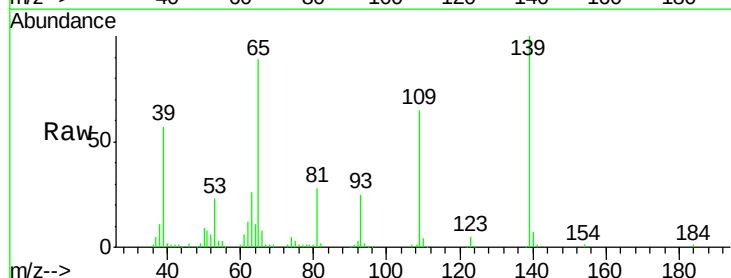
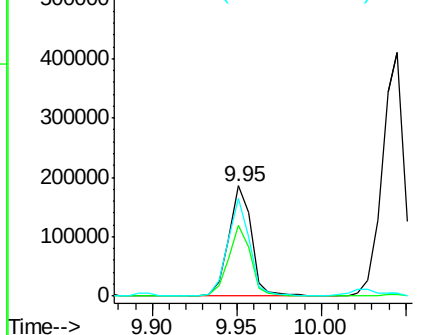
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	44.6	84.6
65	89.2	69.2	109.2

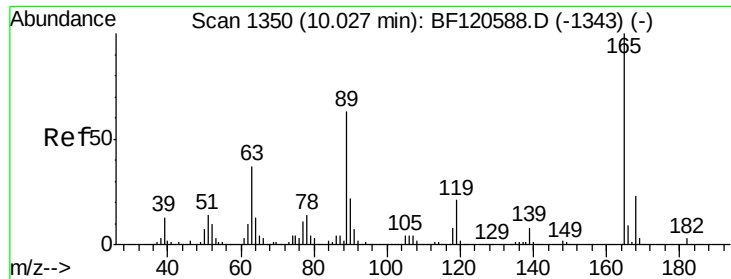
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





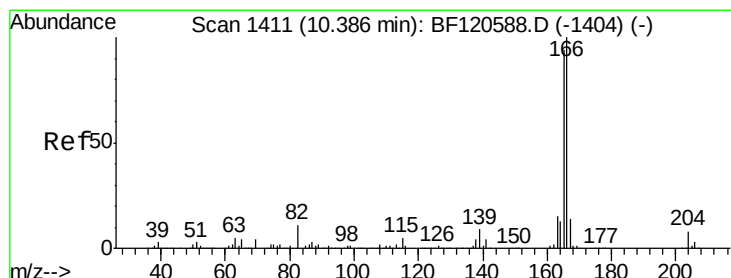
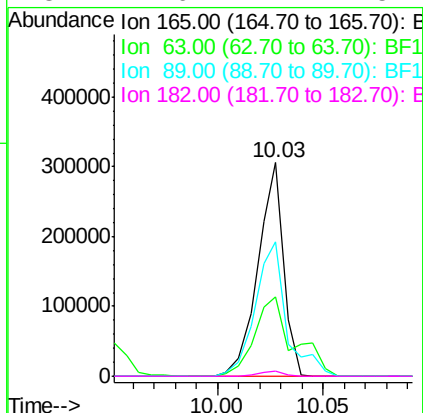
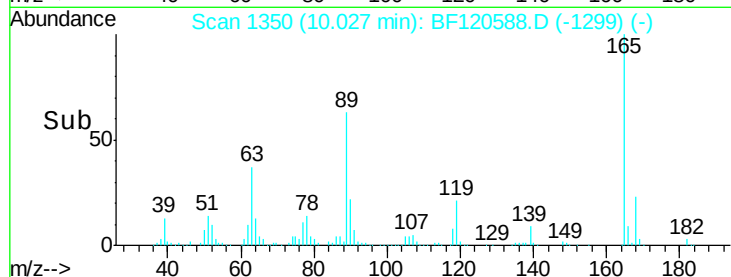
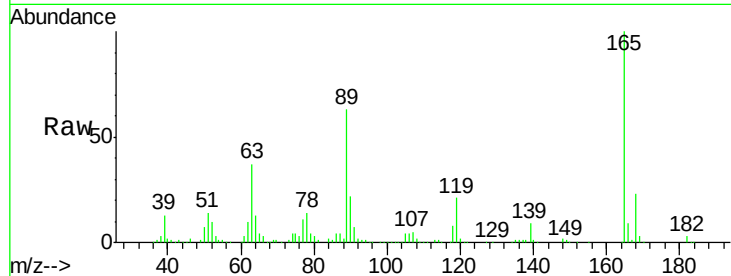
#57
 2,4-Dinitrotoluene
 Concen: 49.104 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		258640		
63	37.3		29.8	44.8	
89	63.0		50.4	75.6	
182	2.6		2.1	3.1	

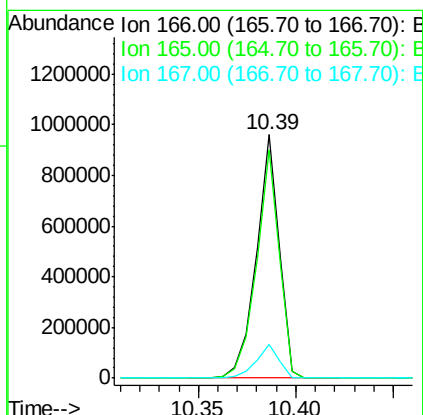
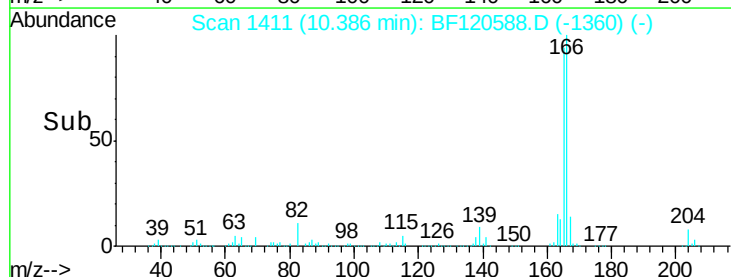
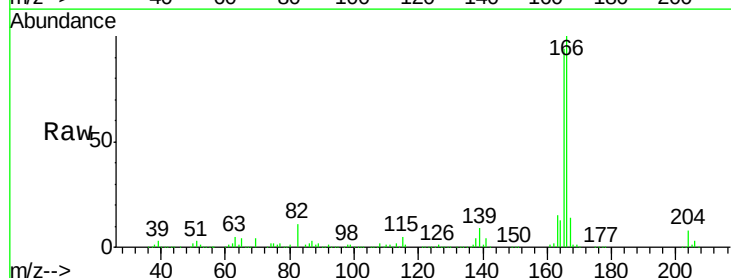
Manual Integrations
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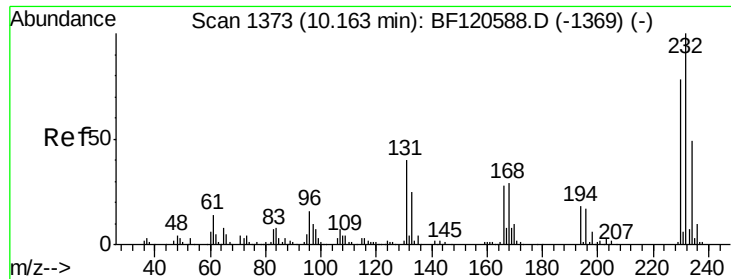
mohammad
 6/11/2020 1:48:36 PM



#58
 Fluorene
 Concen: 49.231 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		774010		
165	93.8		75.0	112.6	
167	13.7		11.0	16.4	





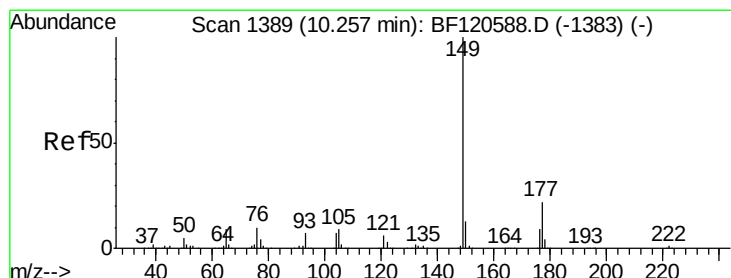
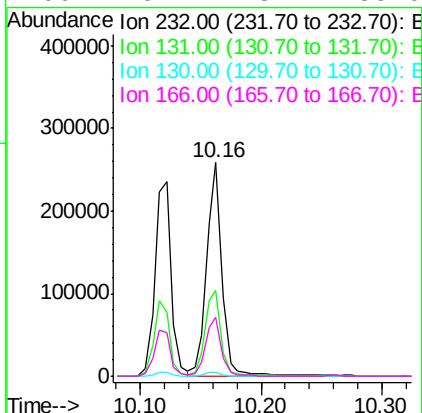
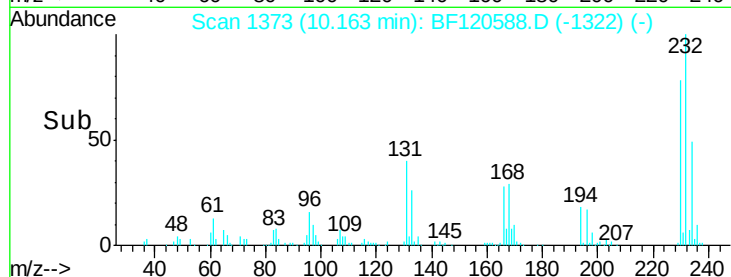
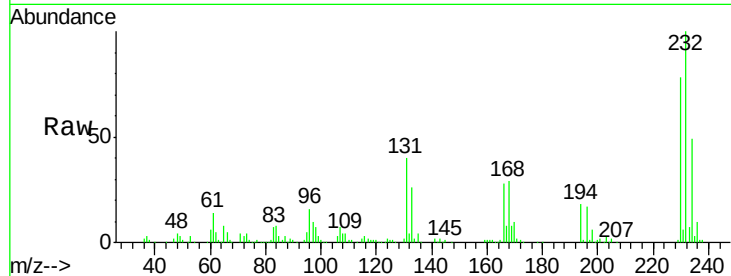
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.378 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.5	50.3
130	1.9	1.5	2.3
166	29.2	23.4	35.0

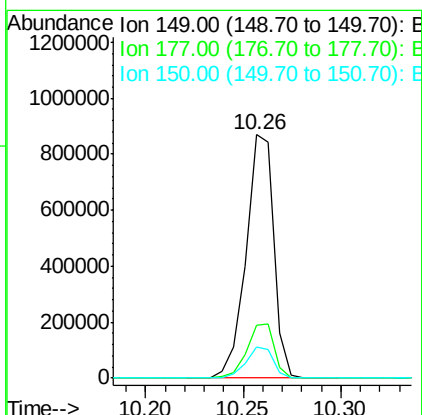
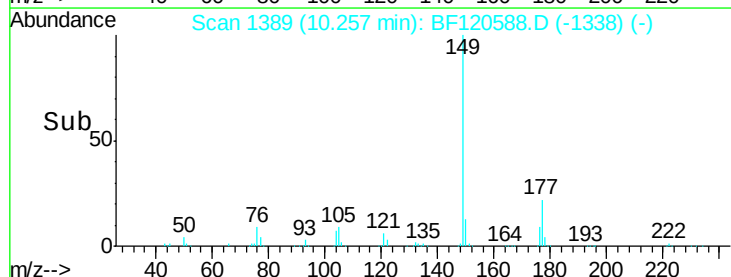
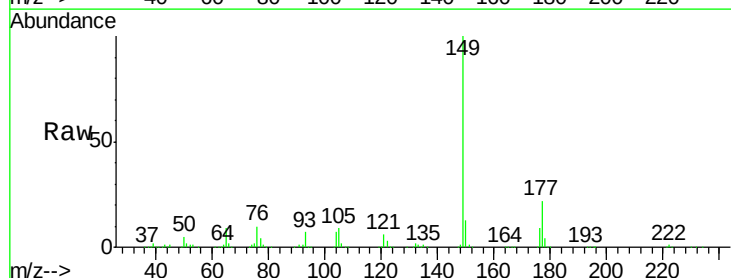
Manual Integrations
APPROVED

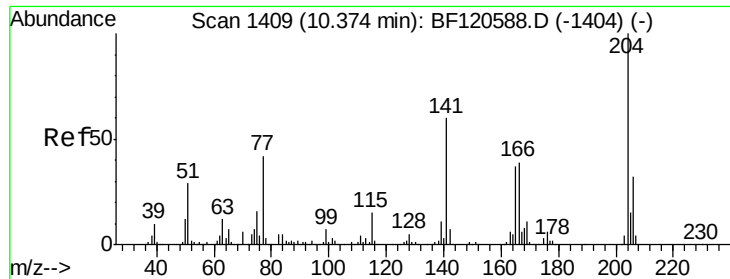
mohammad
6/11/2020 1:48:36 PM



#60
Diethylphthalate
Concen: 48.840 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.9	10.3	15.5





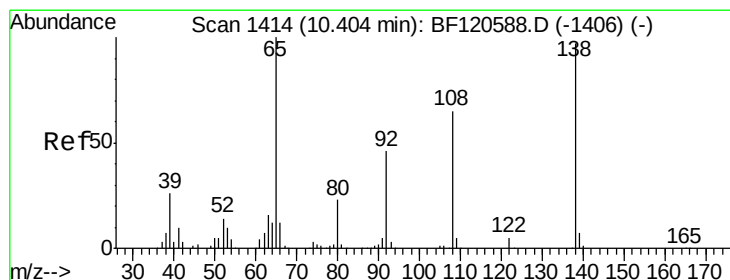
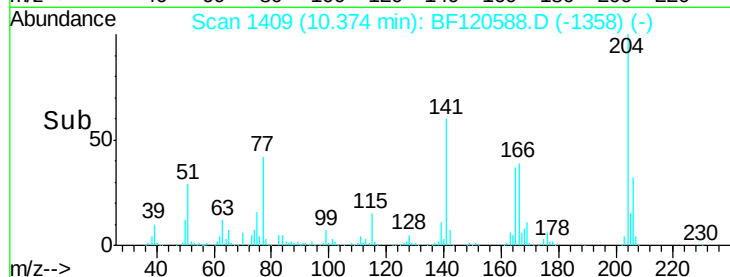
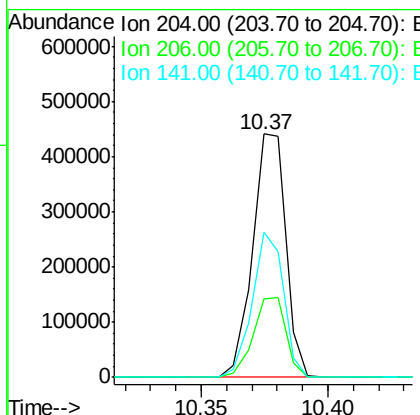
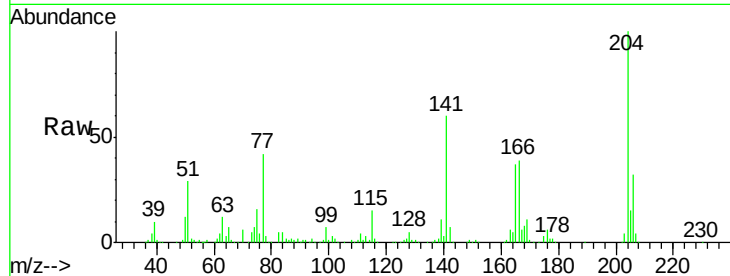
#61
4-Chlorophenyl-phenylether
Concen: 49.696 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	59.5	47.6	71.4

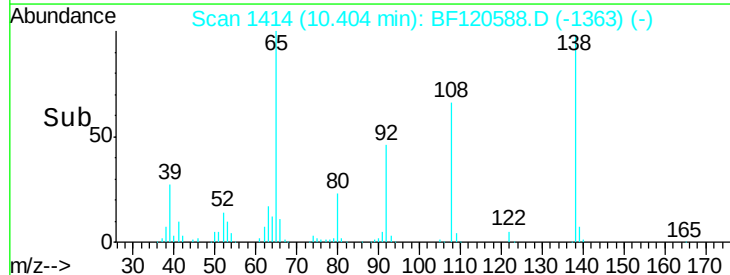
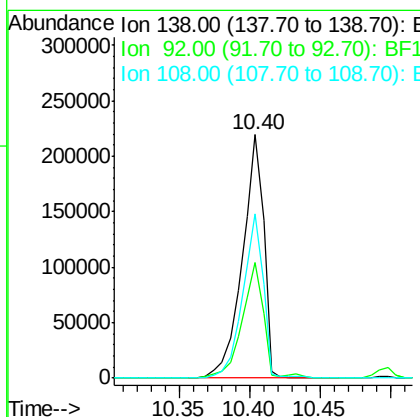
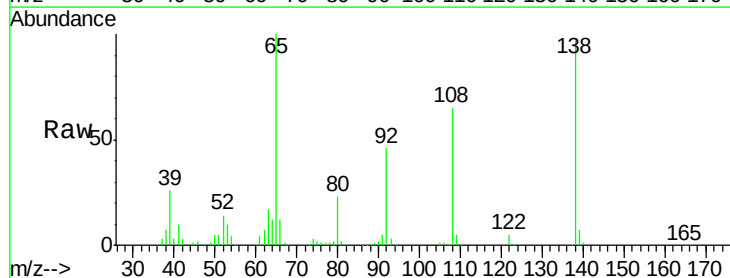
Manual Integrations
APPROVED

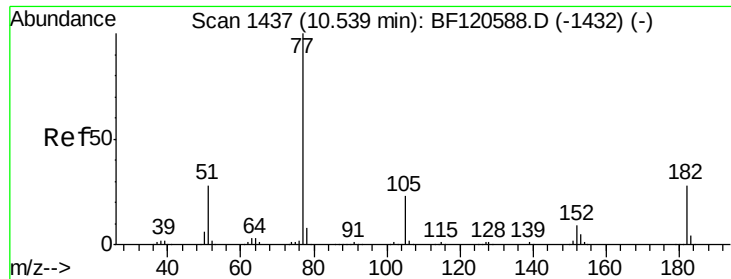
mohammad
6/11/2020 1:48:36 PM



#62
4-Nitroaniline
Concen: 48.232 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	67.4	47.4	87.4





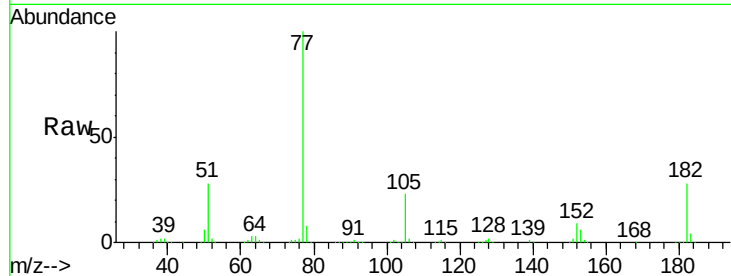
#63
Azobenzene
Concen: 47.469 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	23.2	3.2	43.2
51	28.5	8.5	48.5

Manual Integrations
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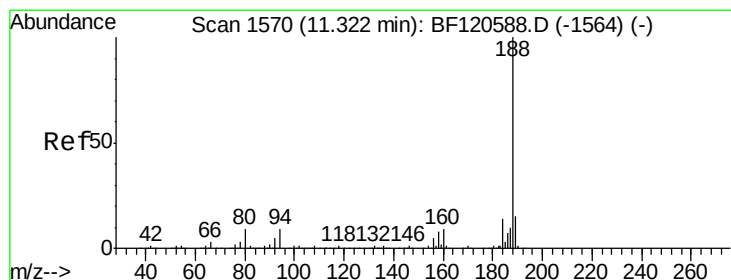
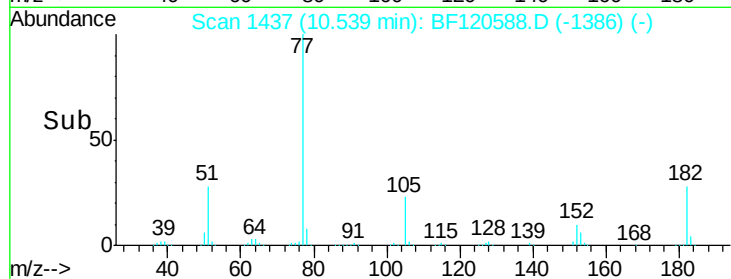
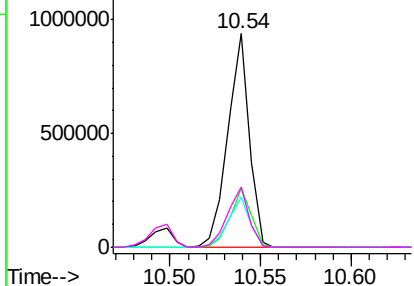
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

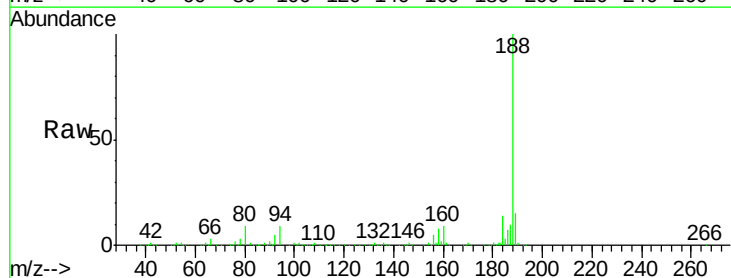
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.3	7.4	11.2

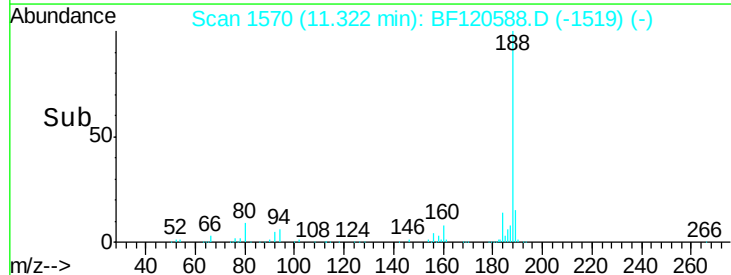
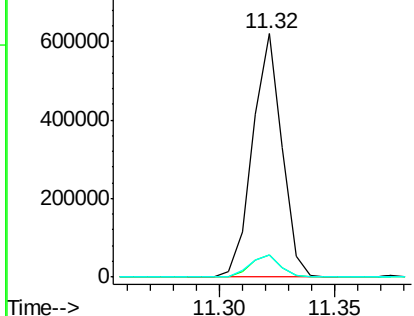


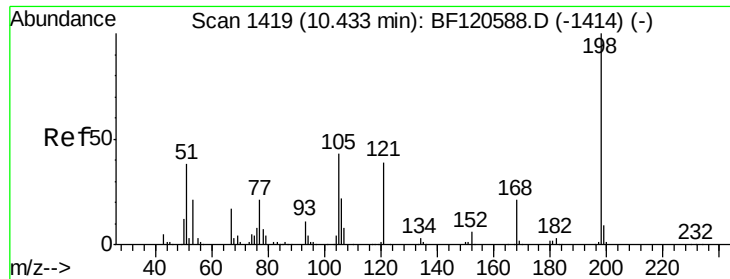
Abundance

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





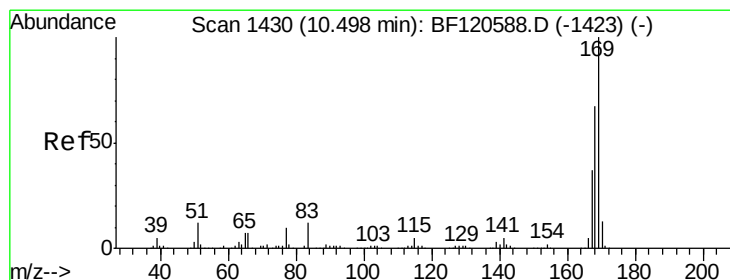
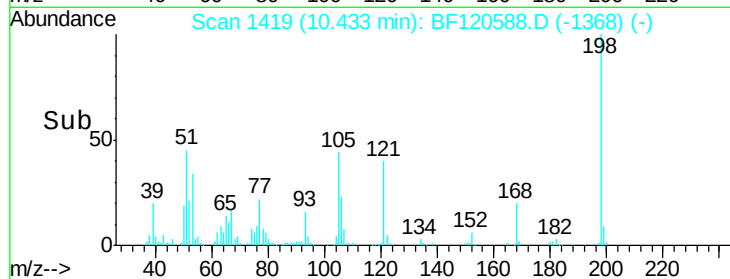
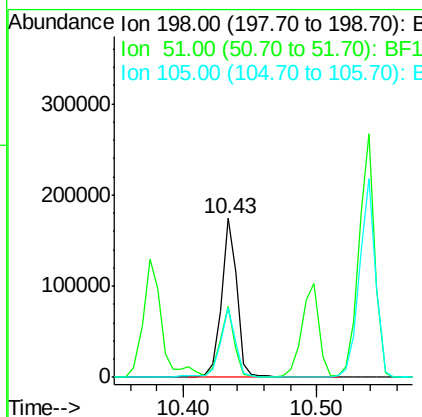
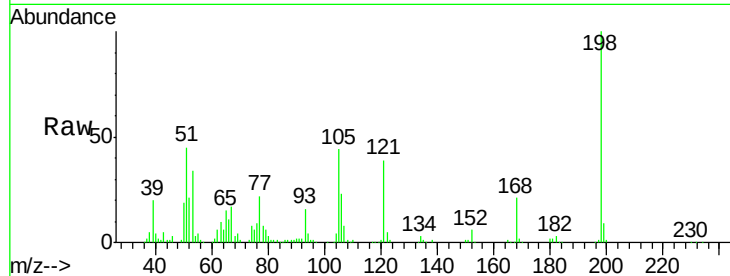
#65
4,6-Dinitro-2-methylphenol
Concen: 48.647 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.8	24.8	64.8
105	43.9	23.9	63.9

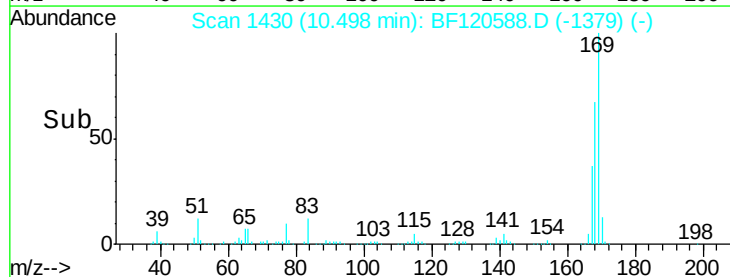
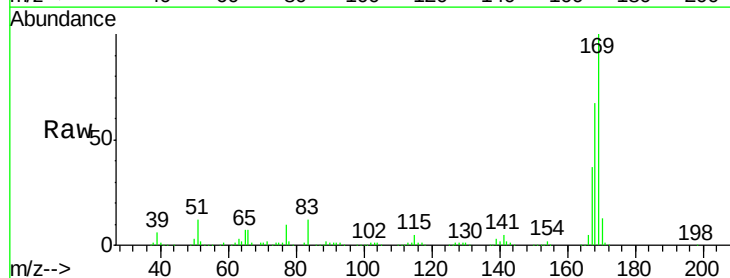
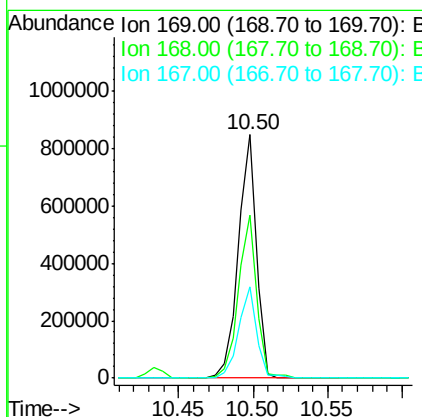
Manual Integrations
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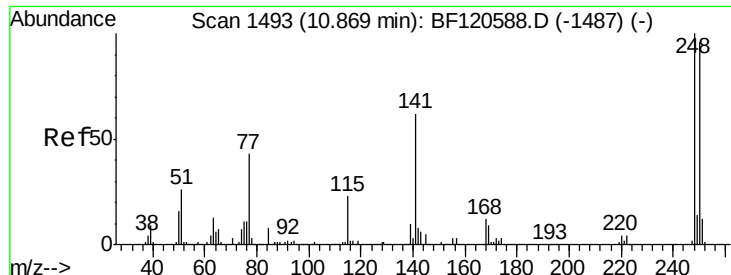
mohammad
6/11/2020 1:48:36 PM



#66
n-Nitrosodiphenylamine
Concen: 49.280 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	37.4	29.9	44.9





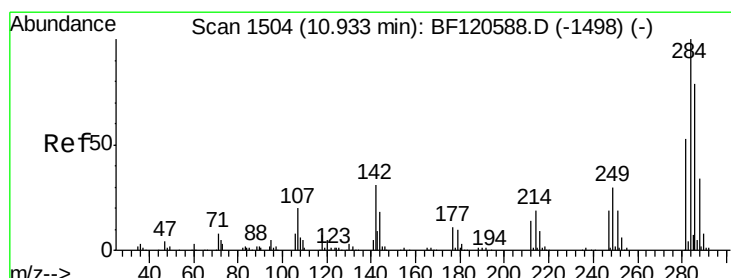
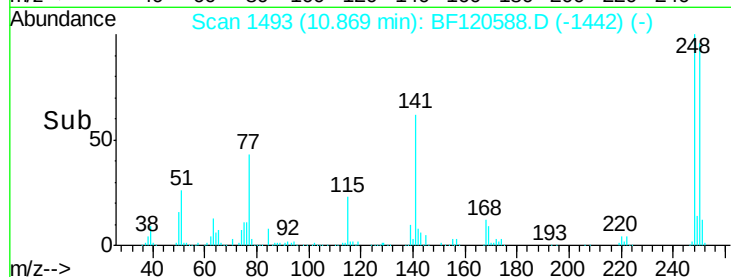
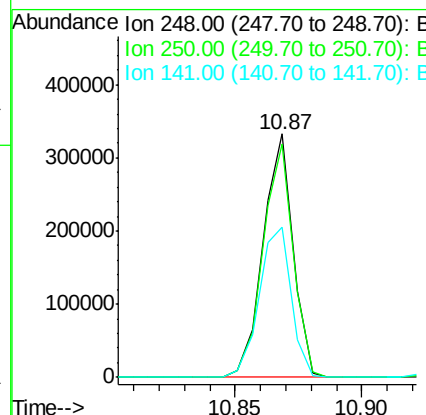
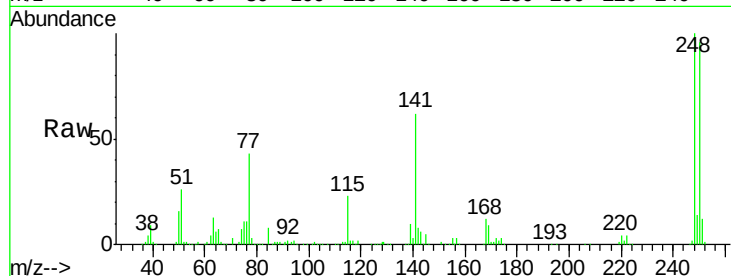
#67
4-Bromophenyl-phenylether
Concen: 49.953 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.7	115.1
141	61.7	49.4	74.0

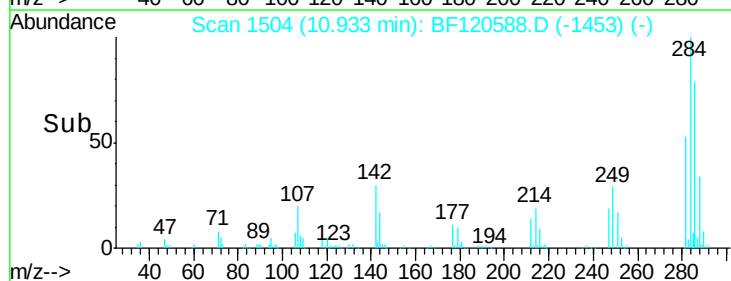
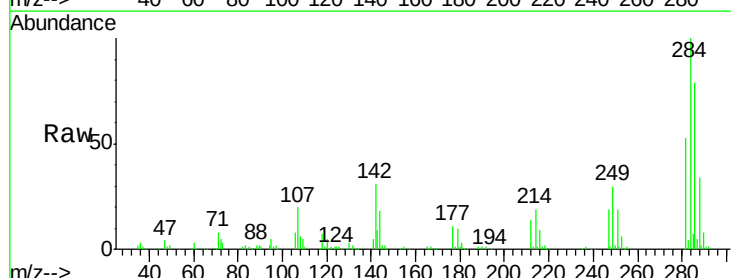
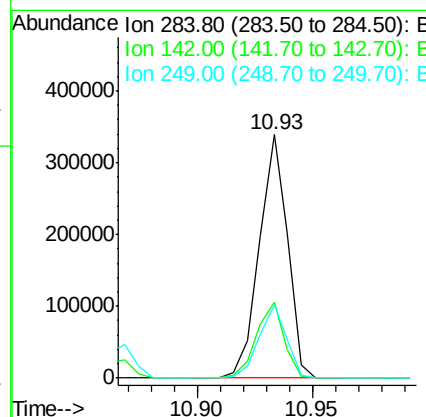
Manual Integrations
APPROVED

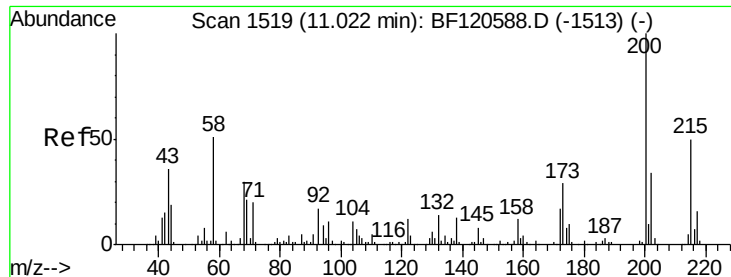
mohammad
6/11/2020 1:48:36 PM



#68
Hexachlorobenzene
Concen: 49.129 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.1	37.7
249	30.0	24.0	36.0





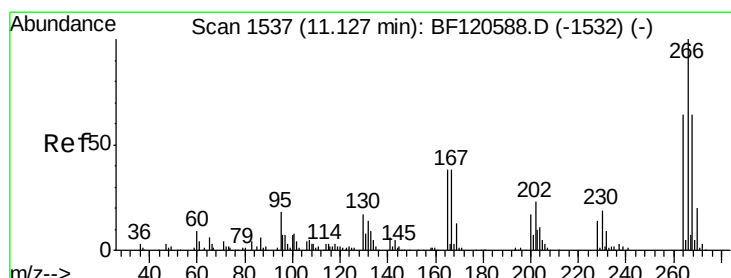
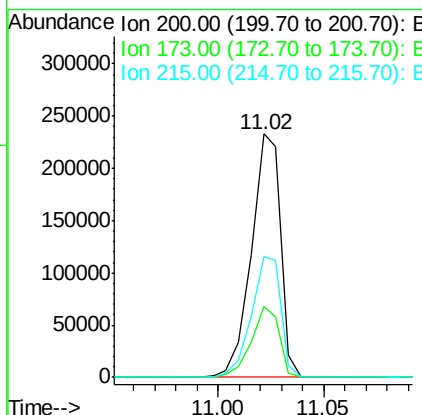
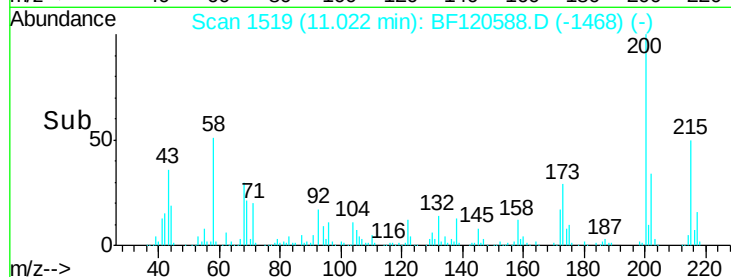
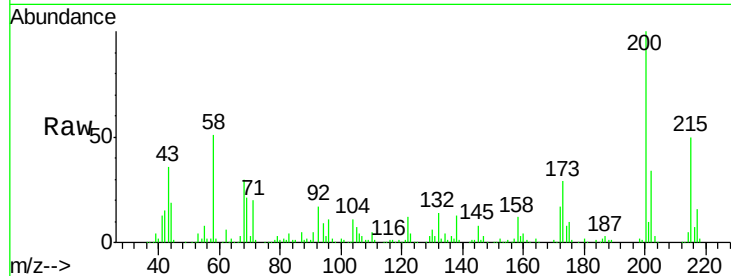
#69
Atrazine
Concen: 53.986 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.1	49.1
215	49.8	29.8	69.8

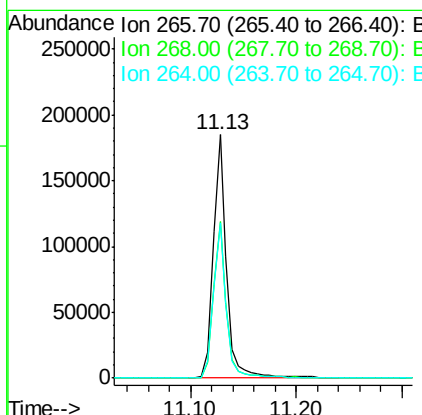
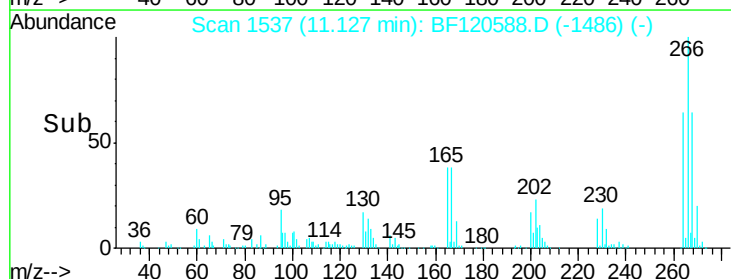
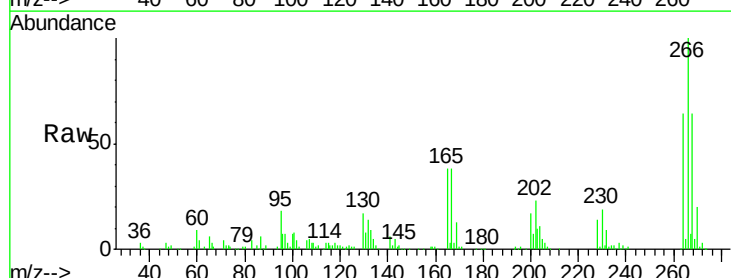
Manual Integrations
APPROVED

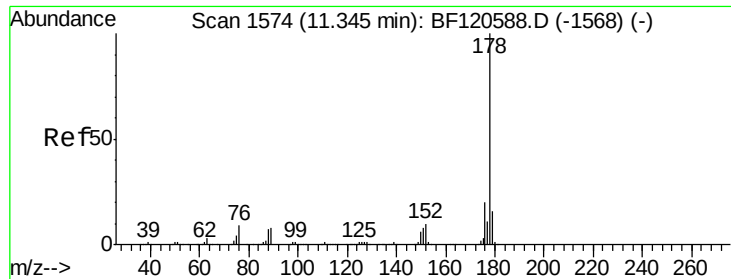
mohammad
6/11/2020 1:48:36 PM



#70
Pentachlorophenol
Concen: 52.252 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	63.5	50.8	76.2





#71

Phenanthrene

Concen: 49.242 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1190426

Ion Ratio Lower Upper

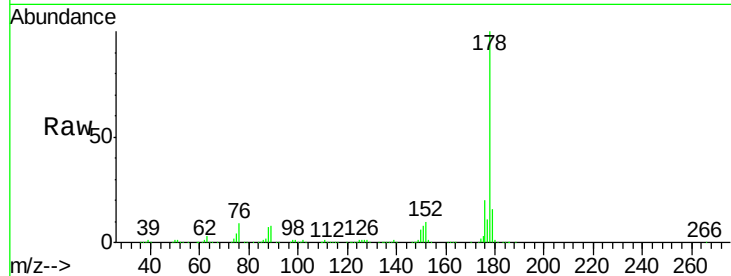
178 100

176 19.9 15.9 23.9

179 16.0 12.8 19.2

Manual Integrations
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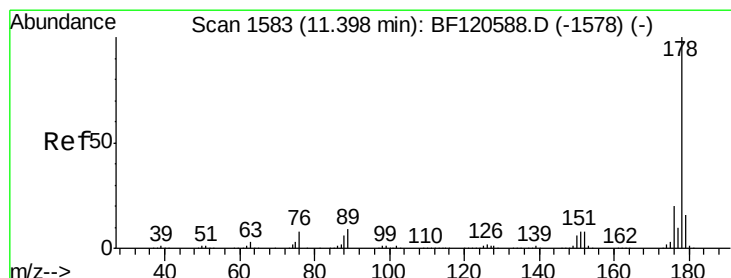
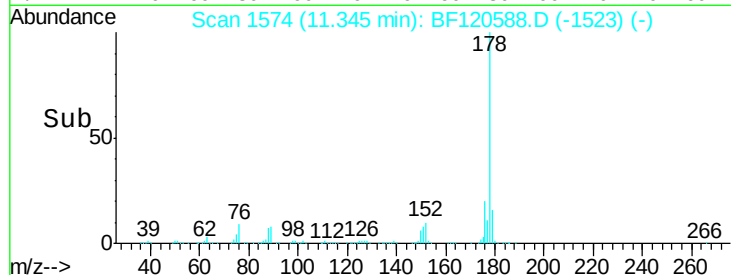
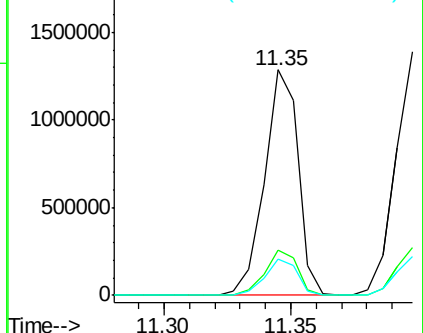
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.231 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:178 Resp: 1202950

Ion Ratio Lower Upper

178 100

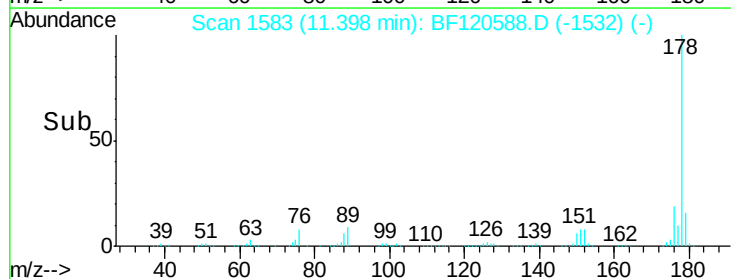
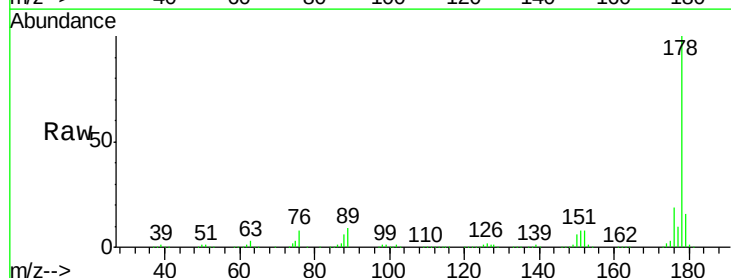
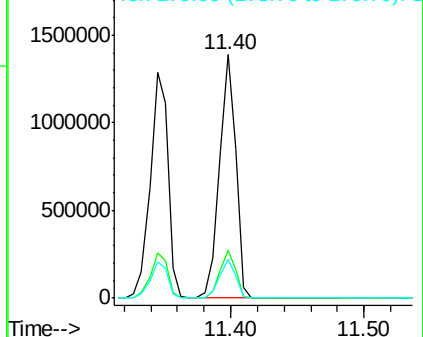
176 19.5 15.6 23.4

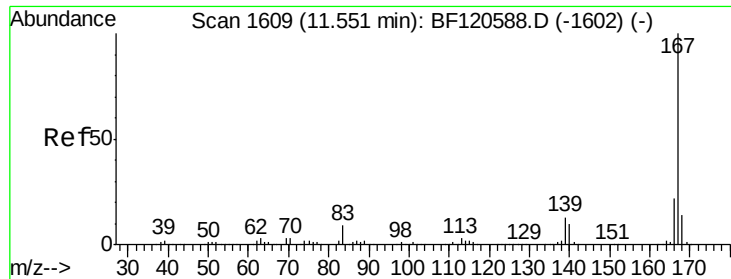
179 16.1 12.9 19.3

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: 49.474 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:167 Resp: 1180057

Ion Ratio Lower Upper

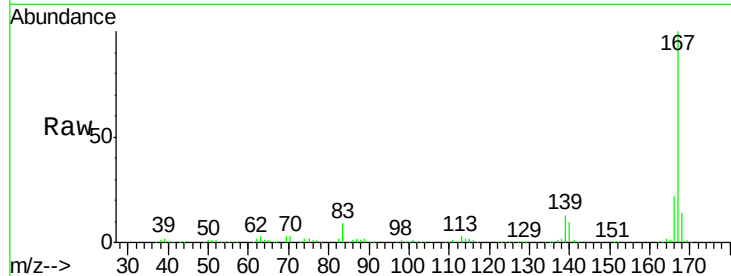
167 100

166 21.5 17.2 25.8

139 12.6 10.1 15.1

Manual Integrations
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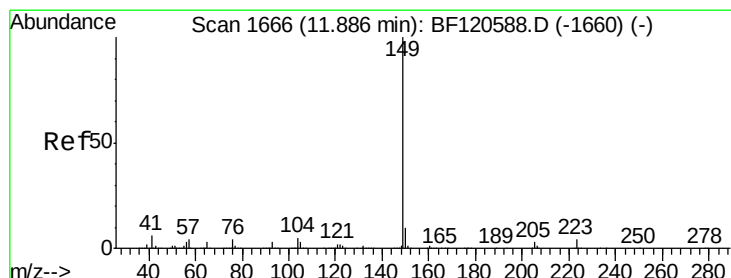
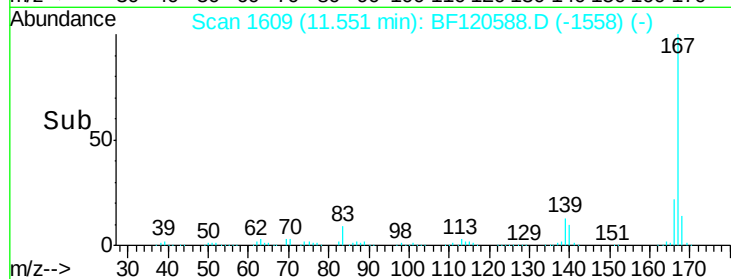
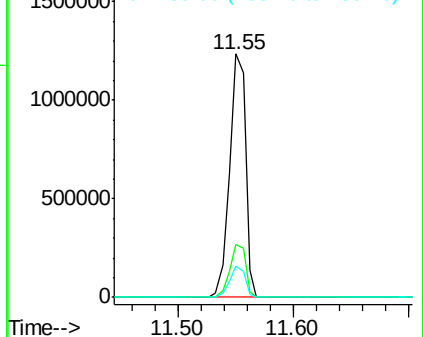
mohammad
6/11/2020 1:48:36 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.561 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

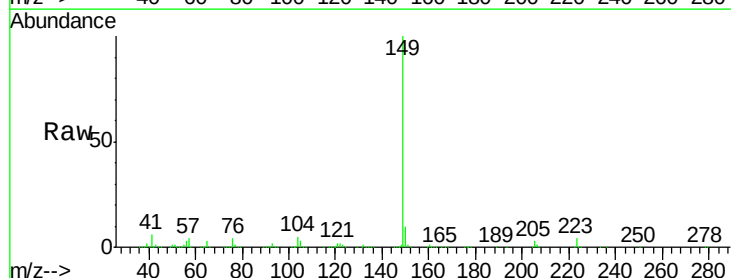
Tgt Ion:149 Resp: 1348924

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

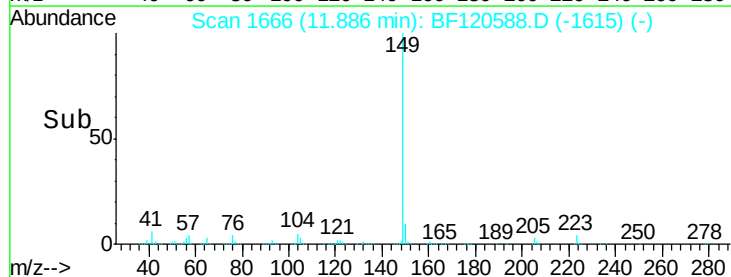
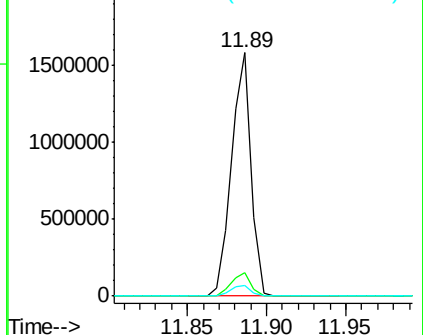
104 4.6 3.7 5.5

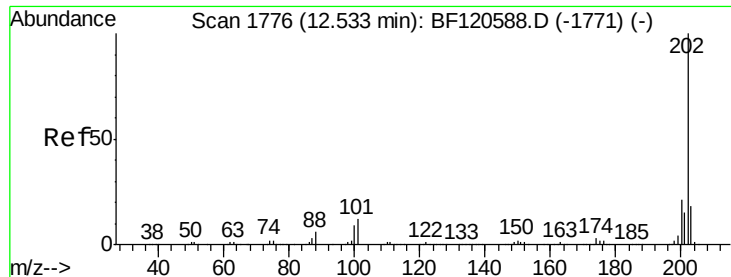


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





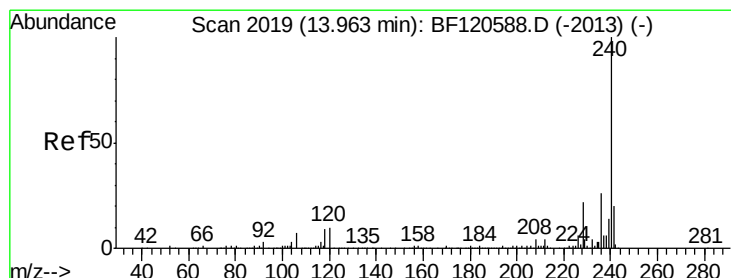
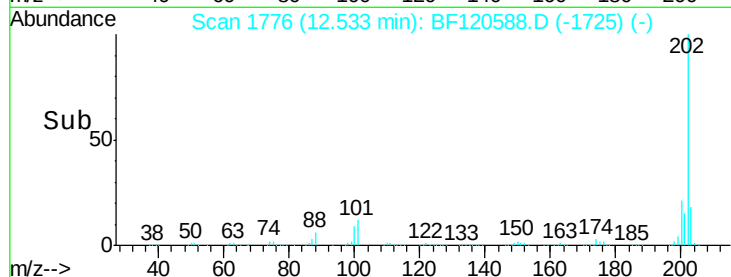
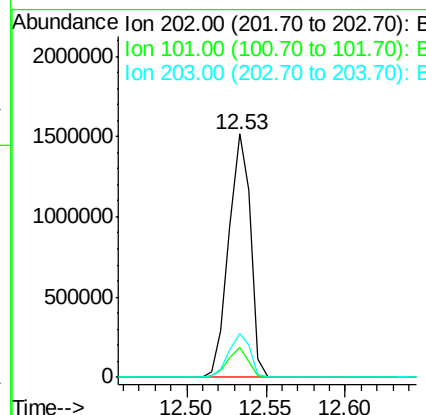
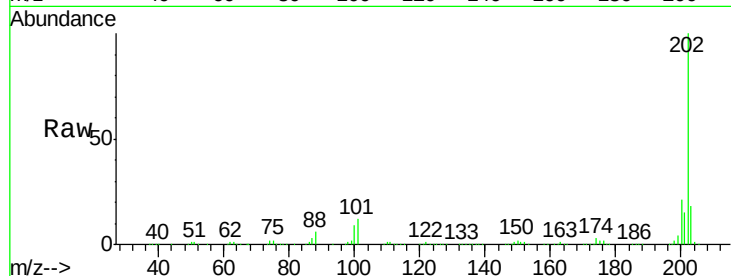
#75
Fluoranthene
 Concen: 51.602 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.0
203	18.3	0.0	38.3

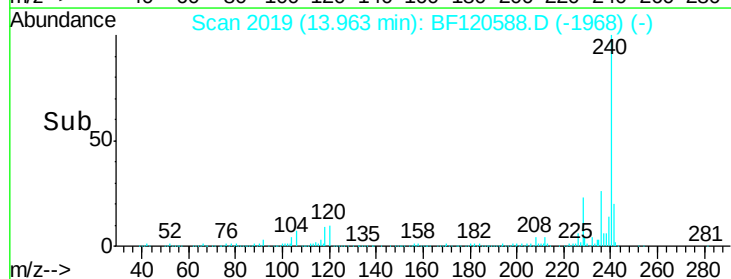
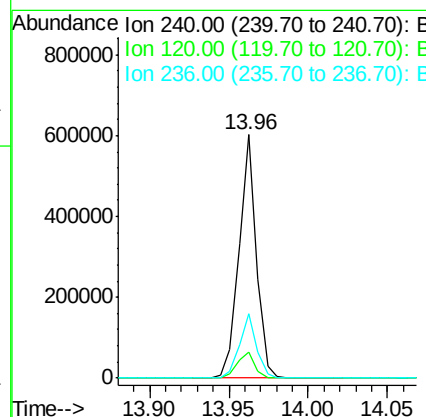
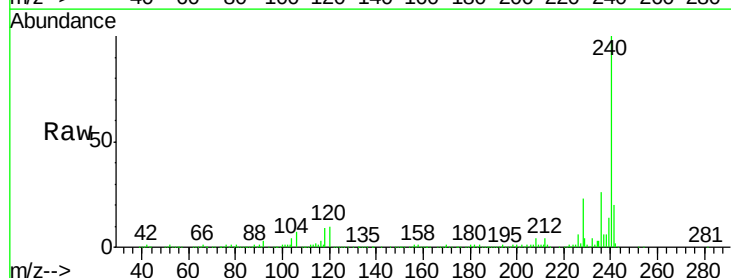
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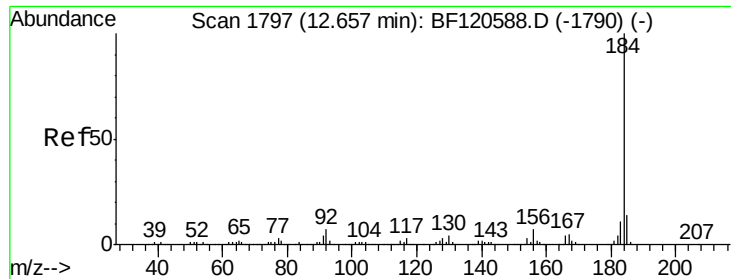
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	26.2	21.0	31.4





#77

Benzidine

Concen: 65.650 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

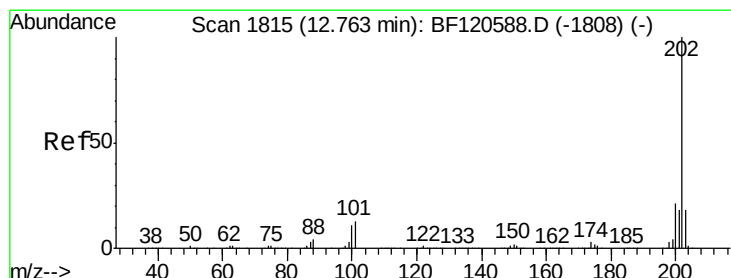
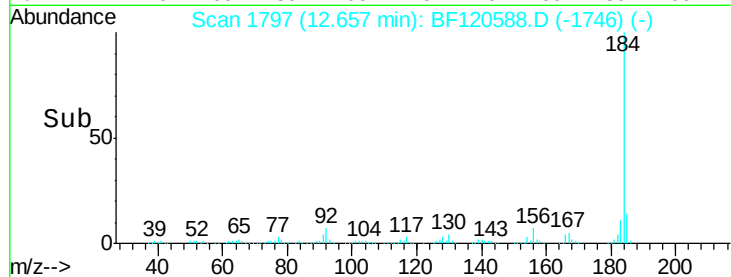
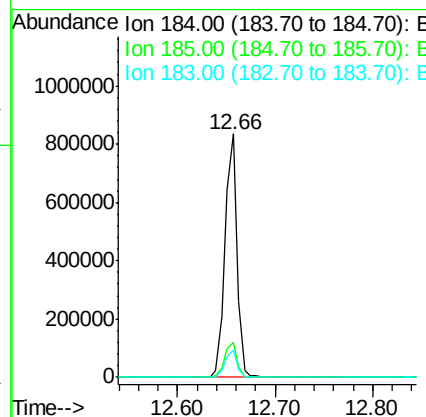
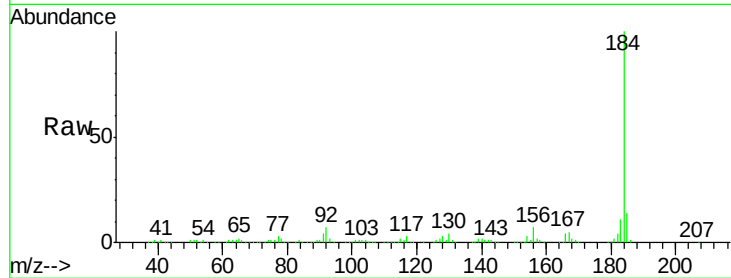
ClientSampleId :

SSTDICCC040

Tot Ion:	184	Resp:	714415
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.0
183	11.3	9.0	13.6

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#78

Pyrene

Concen: 49.930 ng

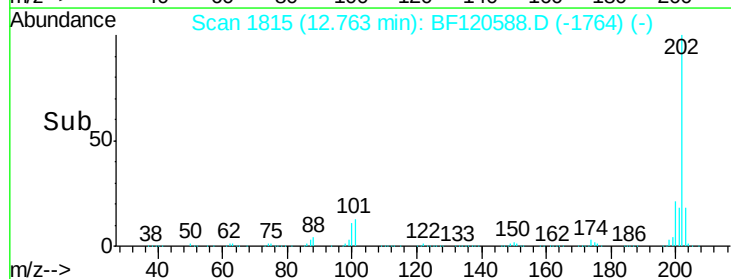
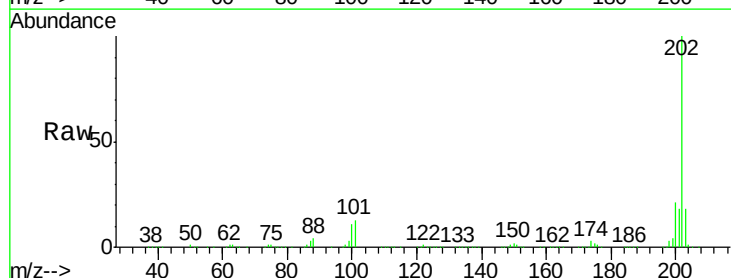
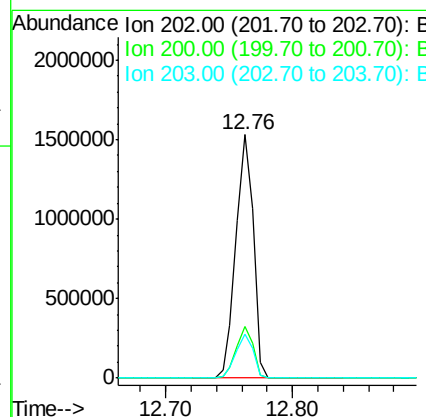
RT: 12.76 min Scan# 1815

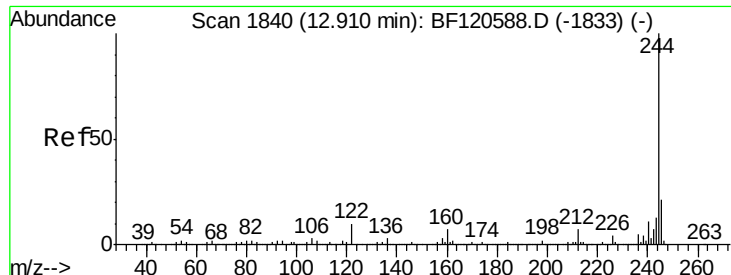
Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Tgt Ion:	202	Resp:	1446589
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	17.9	14.3	21.5





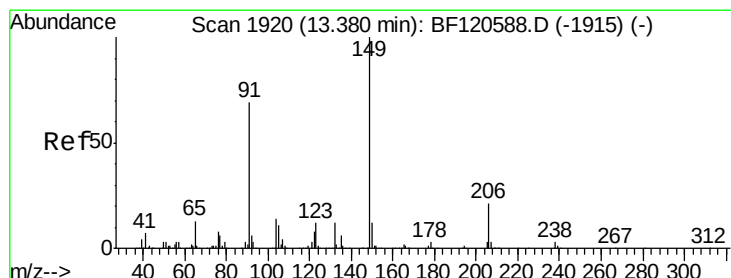
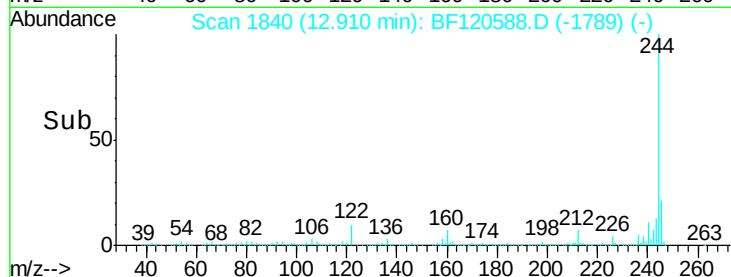
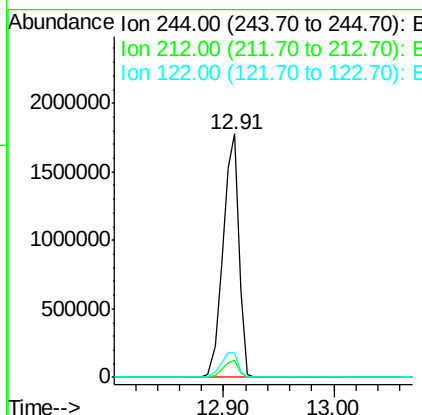
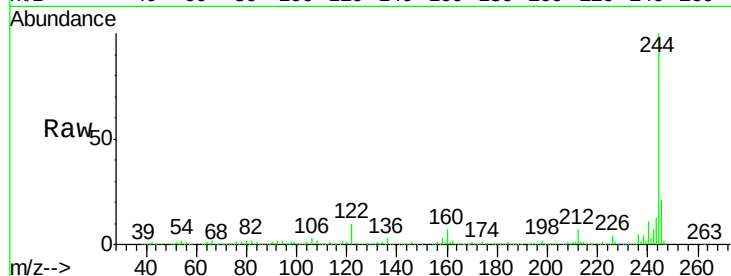
#79
 Terphenyl-d14
 Concen: 90.066 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.4	8.3	12.5

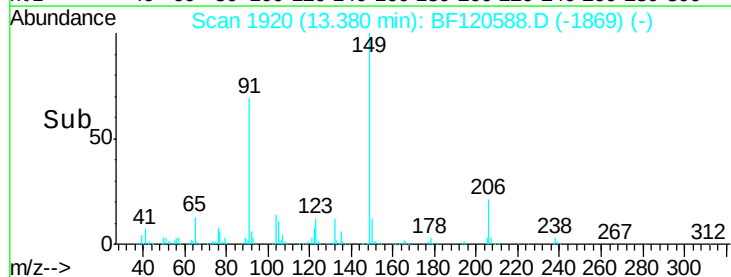
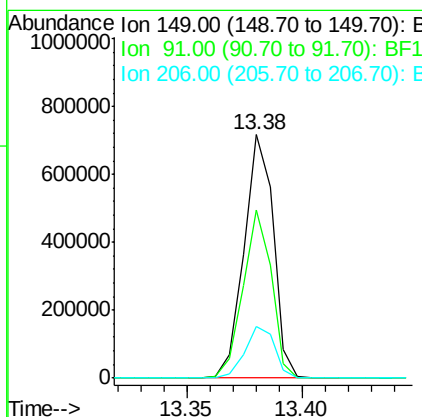
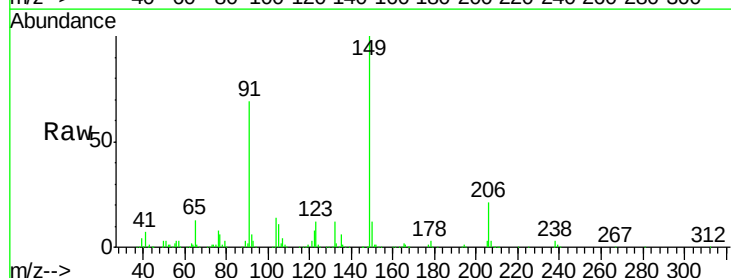
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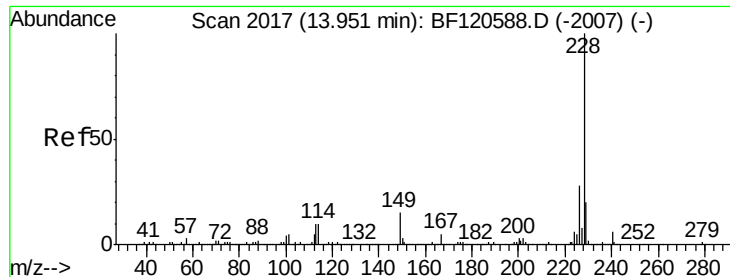
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.234 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.4	83.0
206	21.2	17.0	25.4





#81

Benzo(a)anthracene

Concen: 47.583 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1182167

Ion Ratio Lower Upper

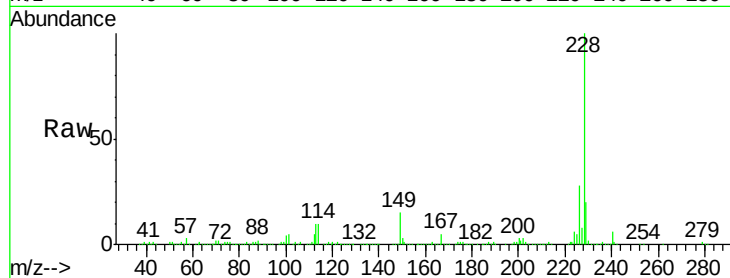
228 100

226 28.1 22.5 33.7

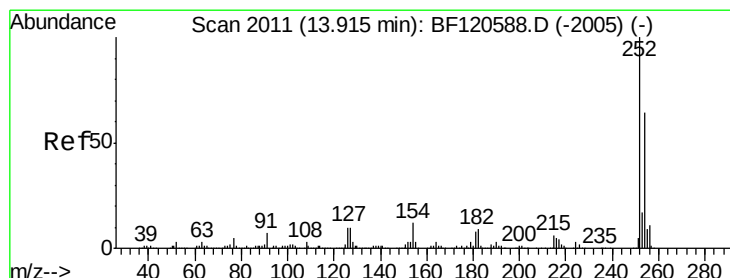
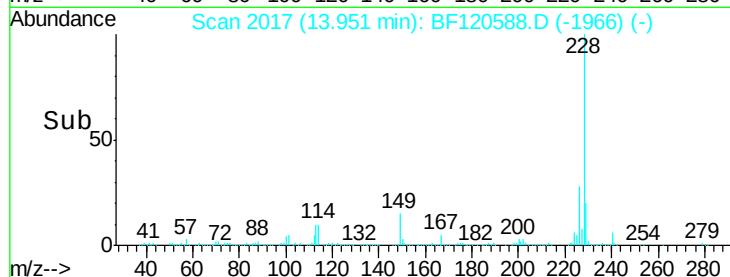
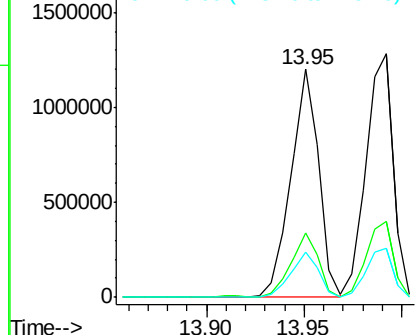
229 20.1 16.1 24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 50.291 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF120588.D

Acq: 10 Jun 2020 12:49

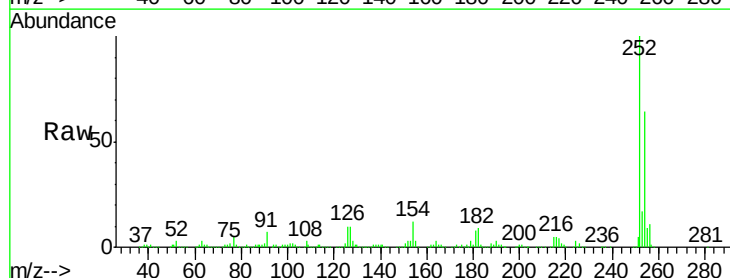
Tgt Ion:252 Resp: 457403

Ion Ratio Lower Upper

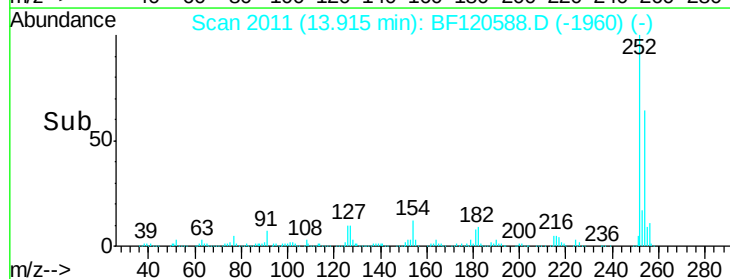
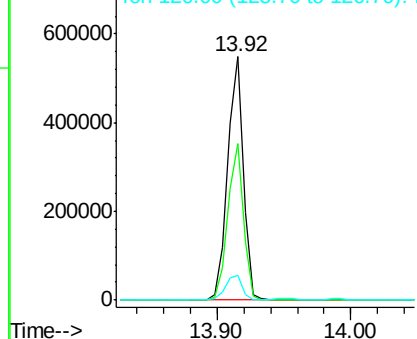
252 100

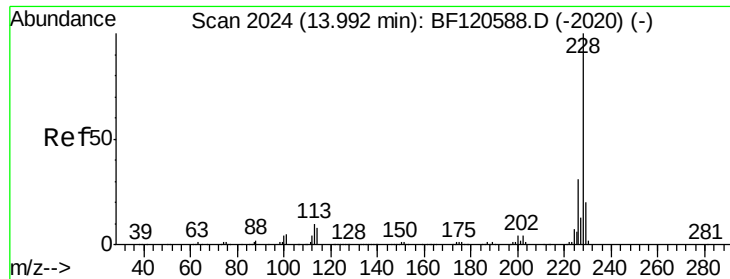
254 64.3 51.4 77.2

126 9.9 7.9 11.9



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





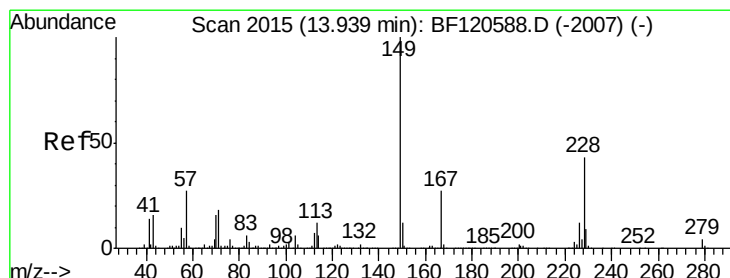
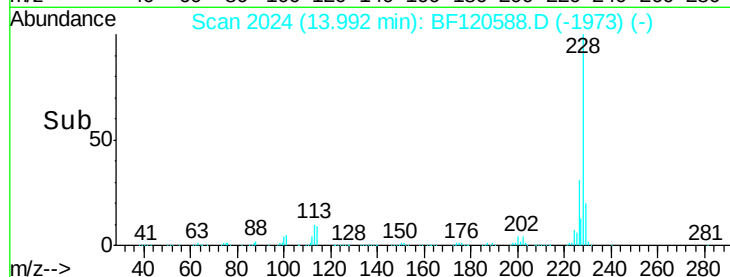
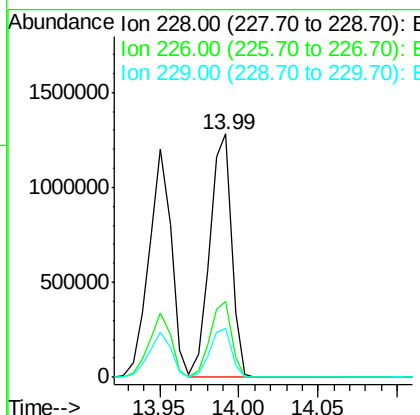
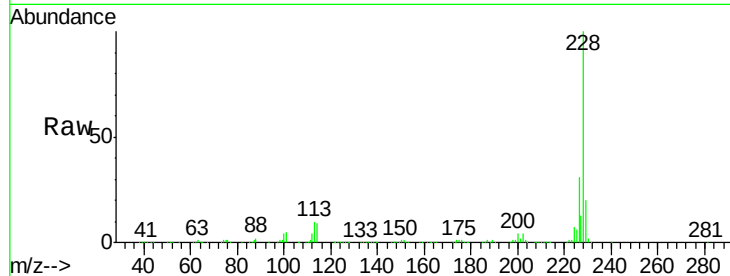
#83
 Chrysene
 Concen: 48.847 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.1	16.1	24.1

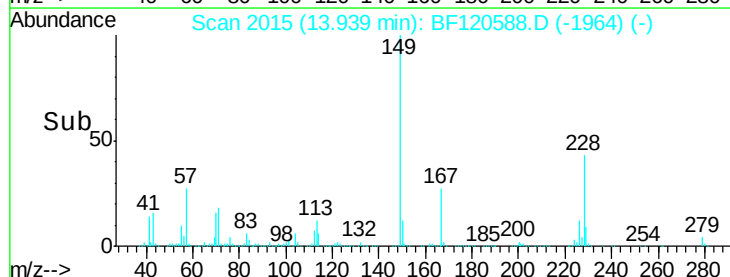
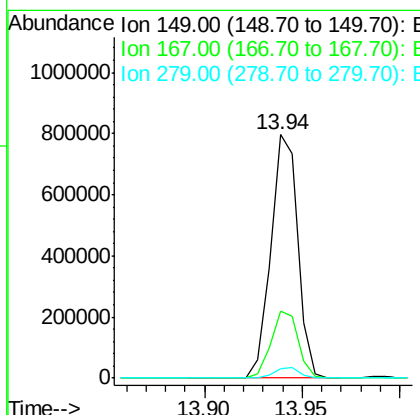
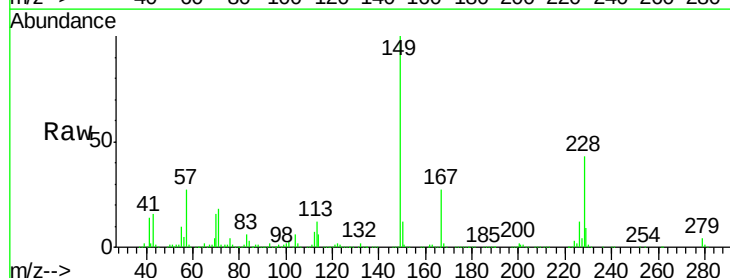
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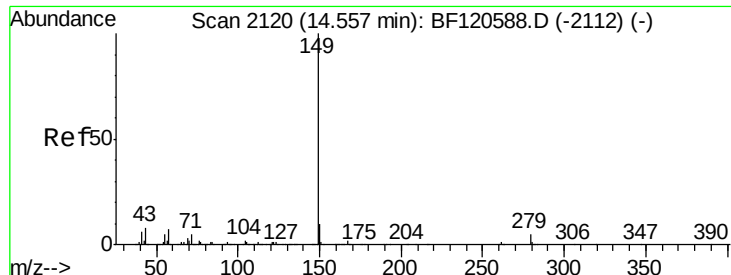
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.216 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120588.D
 Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.8	3.0	4.6





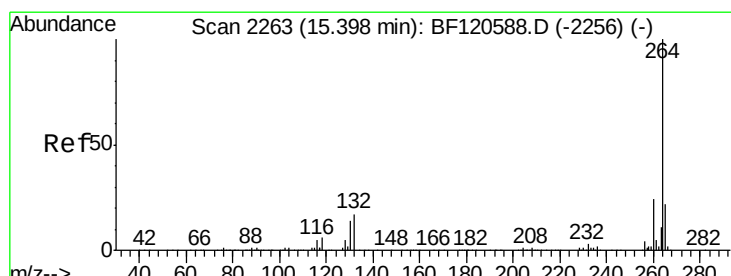
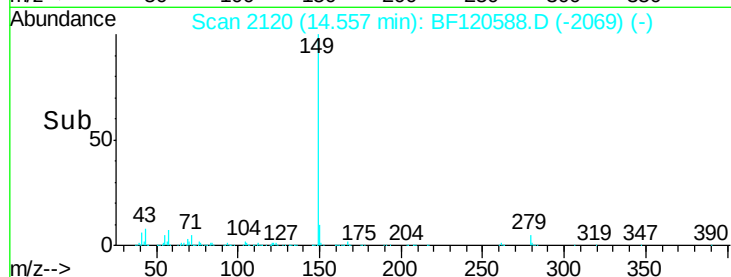
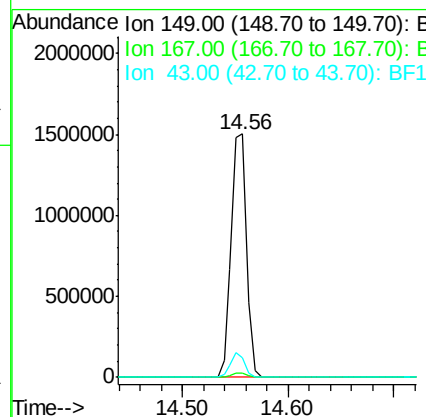
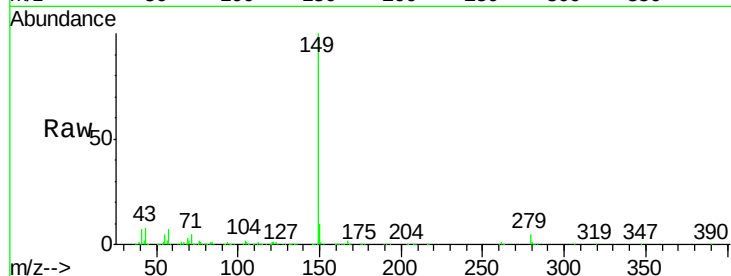
#85
Di-n-octyl phthalate
Concen: 51.884 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.6	11.4

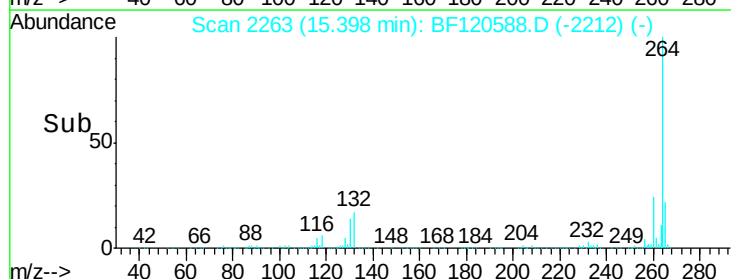
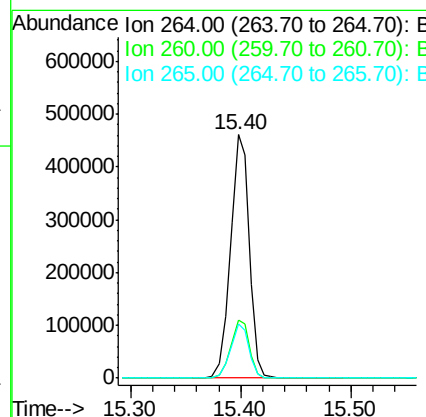
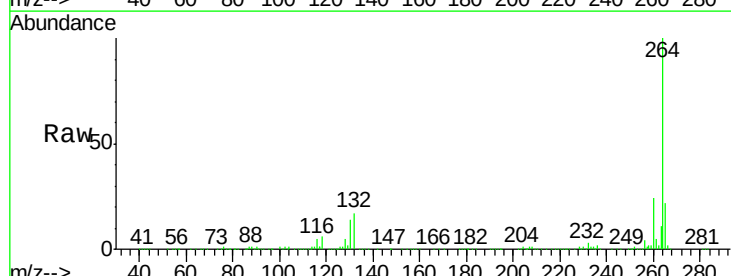
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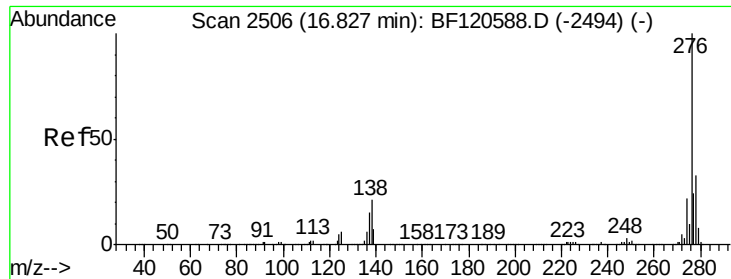
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.3	17.8	26.8





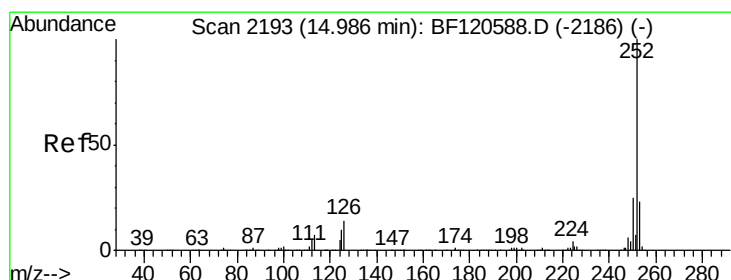
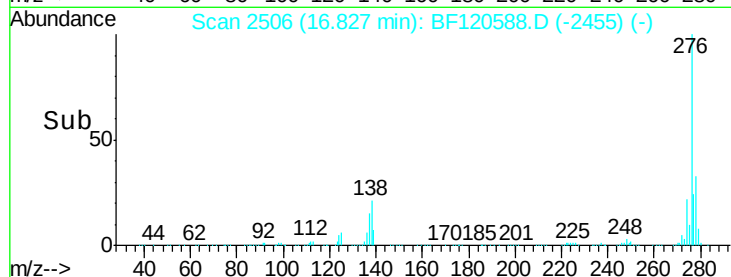
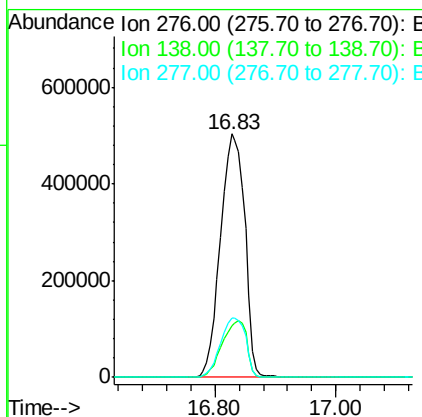
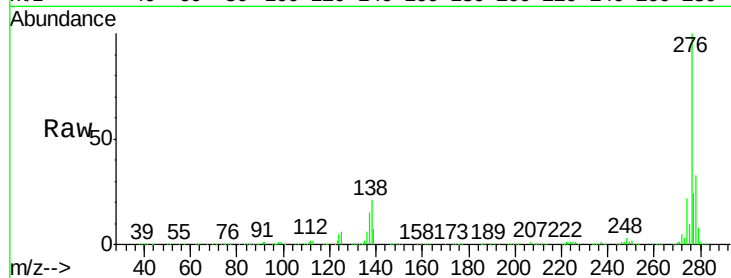
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.852 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.9	28.3
277	25.2	20.2	30.2

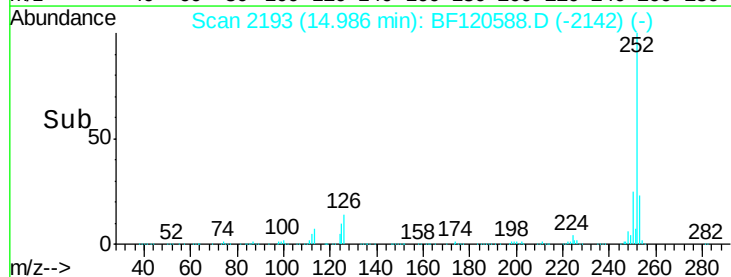
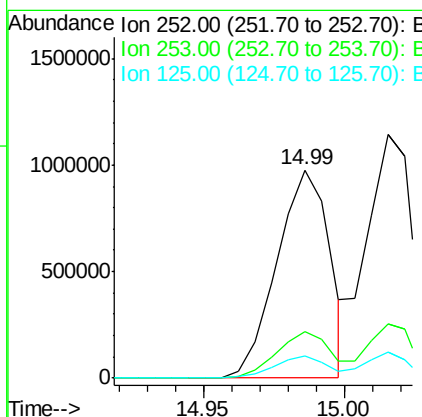
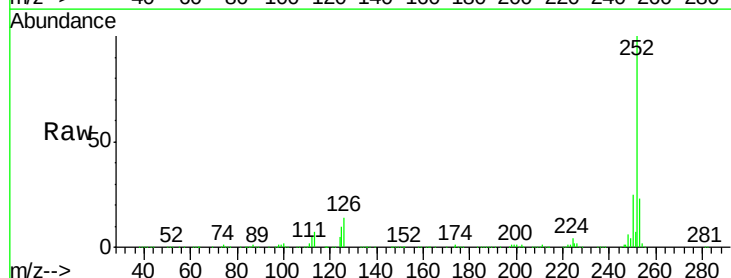
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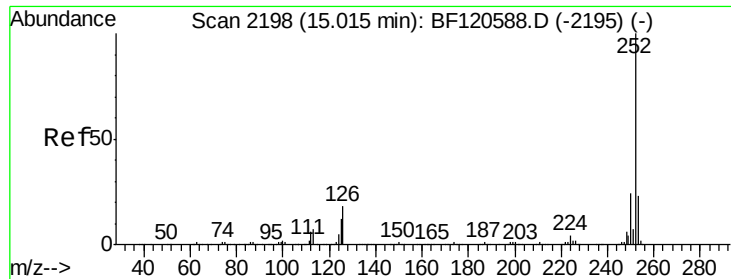
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.411 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.4	8.3	12.5





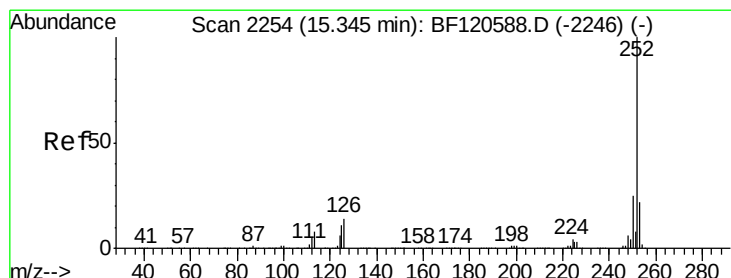
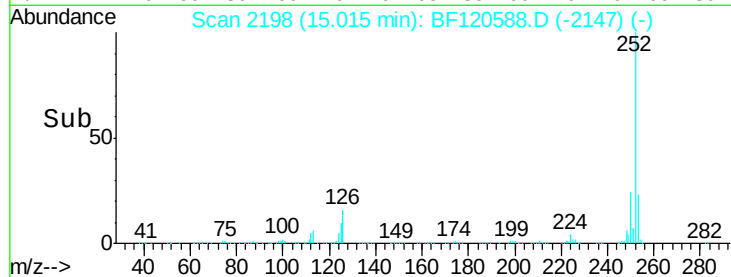
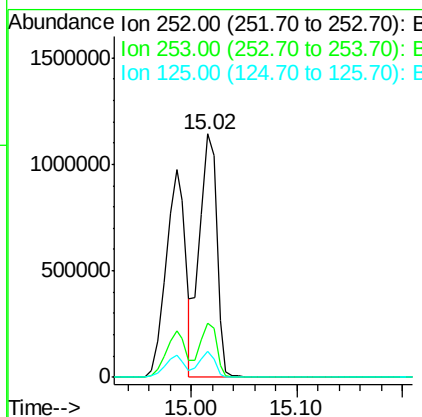
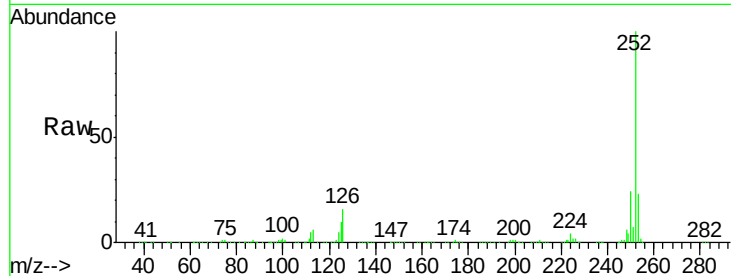
#89
Benzo(k)fluoranthene
Concen: 49.683 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.4	8.3	12.5

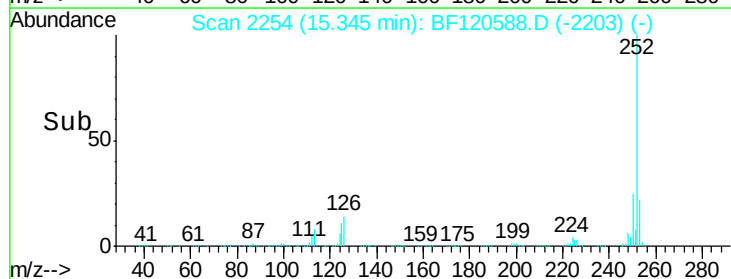
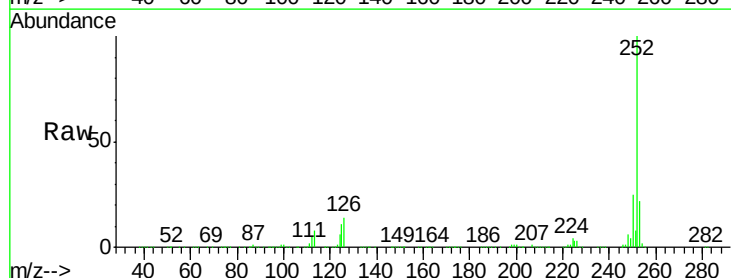
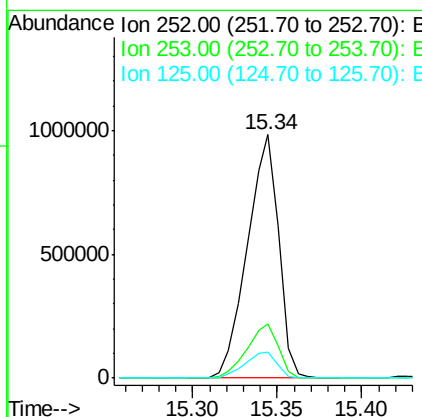
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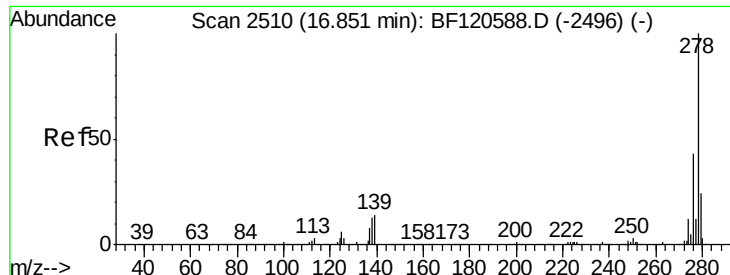
mohammad
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#90
Benzo(a)pyrene
Concen: 48.772 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.7	8.6	12.8





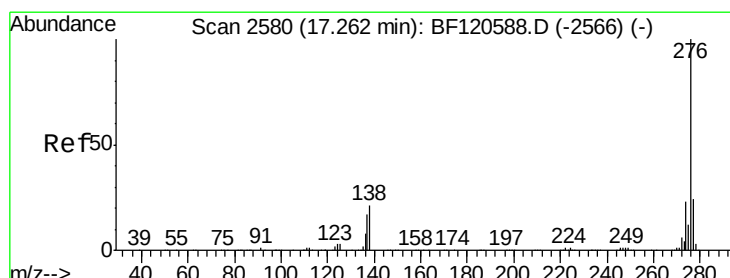
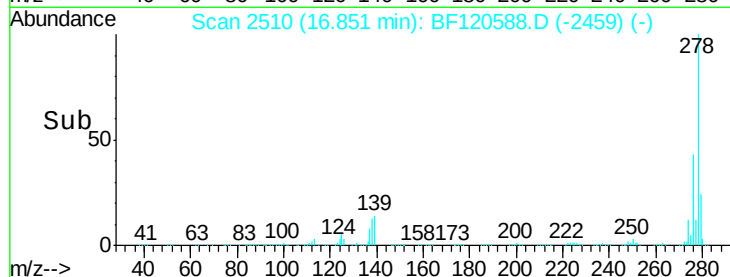
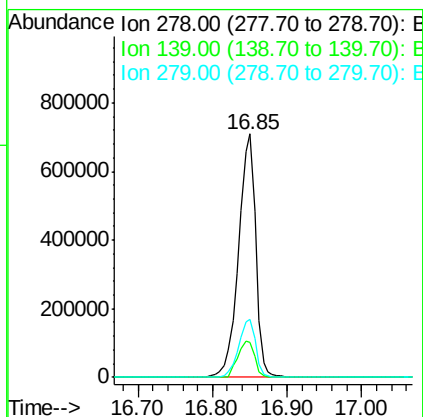
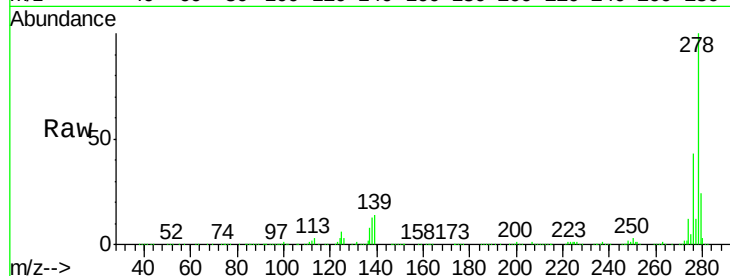
#91
Dibenzo(a,h)anthracene
Concen: 45.475 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.4	17.2
279	23.9	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 46.669 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF120588.D
Acq: 10 Jun 2020 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	20.6	16.5	24.7

