

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120856.D
 Acq On : 14 Jul 2020 12:44
 Operator : JU/CG
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
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mohammad
 7/15/2020 10:59:45 AM

Quant Time: Jul 14 13:46:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	176992	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	638049	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	312188	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	542276	20.00	ng	0.00
76) Chrysene-d12	13.99	240	380418	20.00	ng	-0.01
86) Perylene-d12	15.44	264	348765	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	865013	75.44	ng	0.00
7) Phenol-d6	6.46	99	1088112	74.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	917856	83.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	271369	86.52	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1553996	75.31	ng	0.00
79) Terphenyl-d14	12.94	244	1535283	79.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	208268	39.765	ng	95
3) Pyridine	3.30	79	552035	38.480	ng	97
4) n-Nitrosodimethylamine	3.25	42	240102	33.455	ng	84
6) Aniline	6.50	93	703133	37.391	ng	96
8) 2-Chlorophenol	6.62	128	478288	39.181	ng	99
9) Benzaldehyde	6.38	77	321644	36.935	ng	95
10) Phenol	6.47	94	568622m	37.750	ng	
11) bis(2-Chloroethyl)ether	6.57	93	466059	38.024	ng	99
12) 1,3-Dichlorobenzene	6.77	146	514285	38.275	ng	98
13) 1,4-Dichlorobenzene	6.85	146	511072	37.976	ng	99
14) 1,2-Dichlorobenzene	7.00	146	485842	37.945	ng	99
15) Benzyl Alcohol	6.97	79	395843	35.981	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	684577	35.807	ng	99
17) 2-Methylphenol	7.08	107	414244	37.933	ng	98
18) Hexachloroethane	7.35	117	194096	38.373	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	302603	34.323	ng	92
20) 3+4-Methylphenols	7.24	107	479116	35.621	ng	# 85
22) Acetophenone	7.25	105	567926	35.810	ng	98
24) Nitrobenzene	7.42	77	492435	39.825	ng	95
25) Isophorone	7.66	82	874860	36.837	ng	100
26) 2-Nitrophenol	7.73	139	238598	46.073	ng	# 84
27) 2,4-Dimethylphenol	7.77	122	370274	39.056	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	541264	38.507	ng	100
29) 2,4-Dichlorophenol	7.97	162	377357	39.870	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	425404	40.017	ng	99
31) Naphthalene	8.14	128	1307450	38.343	ng	99
32) Benzoic acid	7.87	122	228529	35.314	ng	98
33) 4-Chloroaniline	8.19	127	565501	39.082	ng	98
34) Hexachlorobutadiene	8.26	225	256785	40.164	ng	99
35) Caprolactam	8.56	113	109553m	39.724	ng	
36) 4-Chloro-3-methylphenol	8.66	107	374827	38.072	ng	92
37) 2-Methylnaphthalene	8.83	142	850988	38.391	ng	98
38) 1-Methylnaphthalene	8.93	142	792549	38.170	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	388125	41.136	ng	99

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 Operator : JU/CG
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

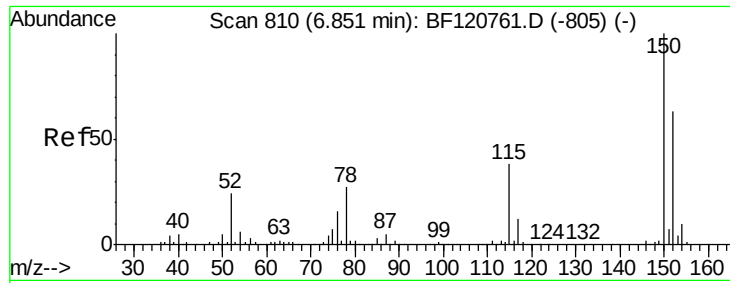
Manual Integrations
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 7/15/2020 10:59:45 AM

Quant Time: Jul 14 13:46:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	225284	40.413	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	265989	41.372	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	299295	41.948	nq	97
46) 1,1'-Biphenyl	9.29	154	987708	39.223	nq	100
47) 2-Chloronaphthalene	9.32	162	808312	40.067	nq	99
48) 2-Nitroaniline	9.41	65	247035	41.283	nq	94
49) Acenaphthylene	9.73	152	1215885	38.442	nq	100
50) Dimethylphthalate	9.59	163	888886	39.032	nq	99
51) 2,6-Dinitrotoluene	9.65	165	197496	43.843	nq	91
52) Acenaphthene	9.90	154	772102	39.349	nq	98
53) 3-Nitroaniline	9.82	138	233857	42.392	nq	# 93
54) 2,4-Dinitrophenol	9.92	184	84392	51.279	nq	96
55) Dibenzofuran	10.07	168	1091561	38.593	nq	99
56) 4-Nitrophenol	9.97	139	173242	42.487	nq	89
57) 2,4-Dinitrotoluene	10.05	165	253485	45.157	nq	89
58) Fluorene	10.42	166	783989	37.240	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	220546	41.538	nq	95
60) Diethylphthalate	10.29	149	906028	38.191	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	403335	38.111	nq	97
62) 4-Nitroaniline	10.43	138	219271	45.316	nq	88
63) Azobenzene	10.57	77	873365	35.989	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	116026	50.460	nq	# 68
66) n-Nitrosodiphenylamine	10.53	169	745102	40.994	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	264476	42.044	nq	96
68) Hexachlorobenzene	10.96	284	280359	42.473	nq	96
69) Atrazine	11.06	200	165396	35.322	nq	97
70) Pentachlorophenol	11.16	266	158776	42.515	nq	99
71) Phenanthrene	11.38	178	1150892	39.115	nq	100
72) Anthracene	11.43	178	1162104	39.086	nq	100
73) Carbazole	11.59	167	1113719	38.979	nq	99
74) Di-n-butylphthalate	11.92	149	1345888	38.047	nq	100
75) Fluoranthene	12.57	202	1201147	38.322	nq	98
77) Benzdine	12.69	184	405548	37.769	nq	99
78) Pyrene	12.80	202	1226509	40.369	nq	99
80) Butylbenzylphthalate	13.42	149	534930	40.781	nq	99
81) Benzo(a)anthracene	13.98	228	952703	39.069	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	351372	42.698	nq	# 99
83) Chrysene	14.02	228	1007719	40.513	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	655403	38.103	nq	# 98
85) Di-n-octyl phthalate	14.59	149	1173431	38.561	nq	98
87) Indeno(1,2,3-cd)pyrene	16.89	276	989990	44.255	nq	100
88) Benzo(b)fluoranthene	15.03	252	924818	40.335	nq	100
89) Benzo(k)fluoranthene	15.06	252	890126	39.896	nq	100
90) Benzo(a)pyrene	15.39	252	831751	40.665	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	831627	44.603	nq	99
92) Benzo(g,h,i)perylene	17.32	276	768290	45.087	nq	99

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



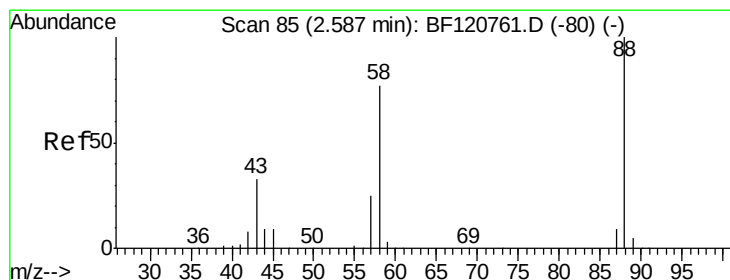
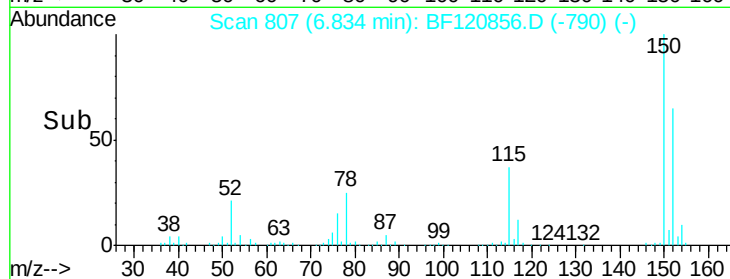
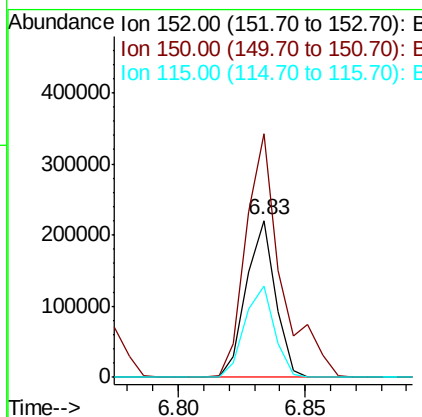
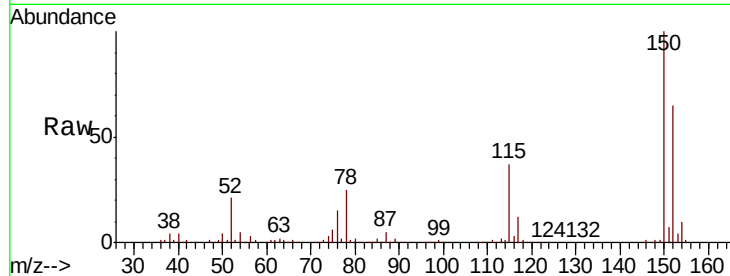
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.1	189.1
115	58.1	48.5	72.7

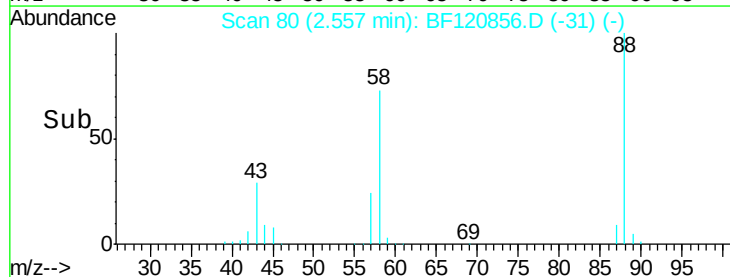
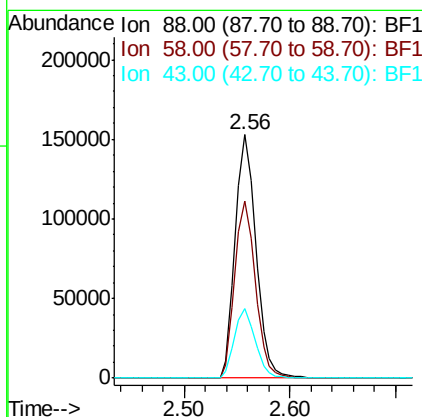
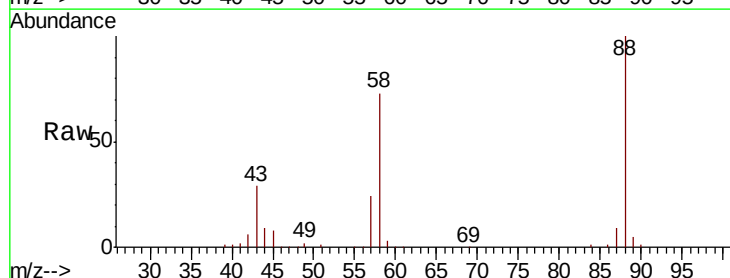
Manual Integrations
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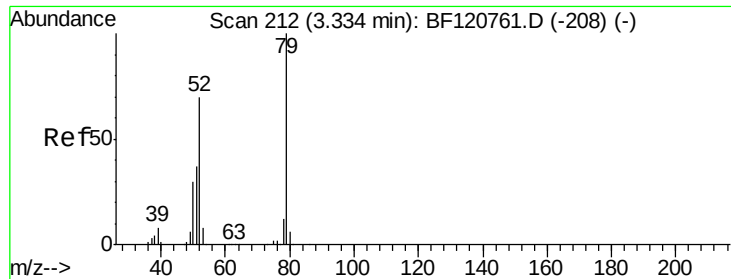
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#2
 1,4-Dioxane
 Concen: 39.765 ng
 RT: 2.56 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	60.4	90.6
43	28.3	26.3	39.5





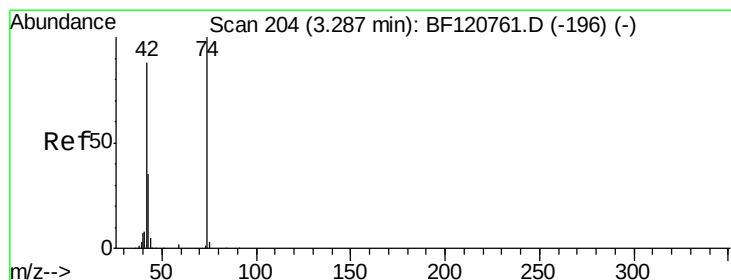
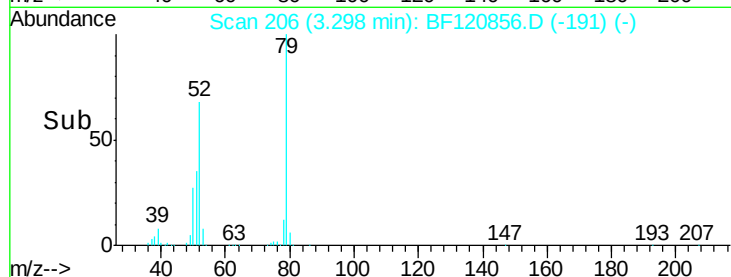
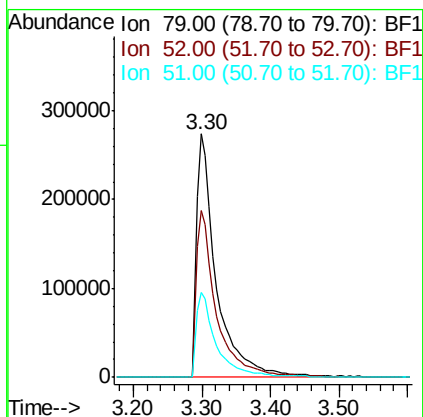
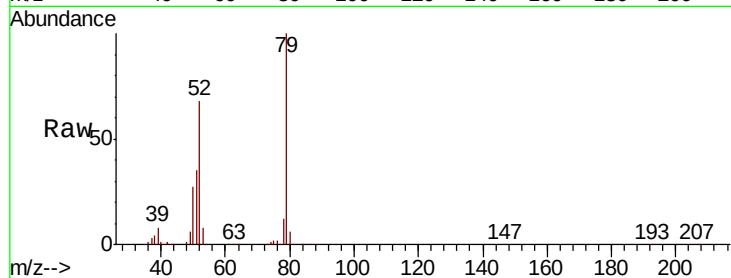
#3
 Pvrindine
 Concen: 38.480 ng
 RT: 3.30 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	56.3	84.5
51	34.8	30.1	45.1

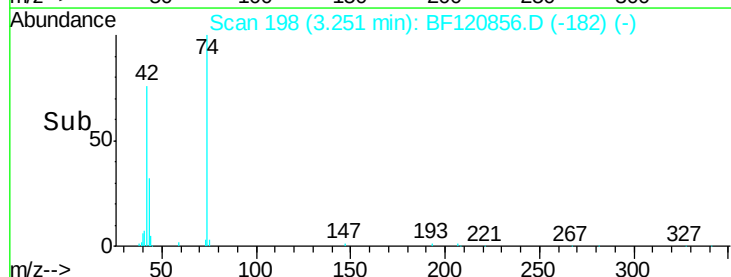
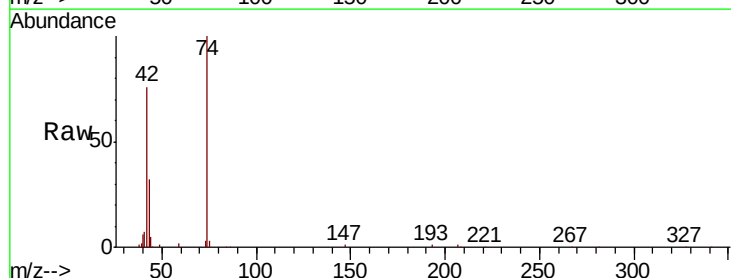
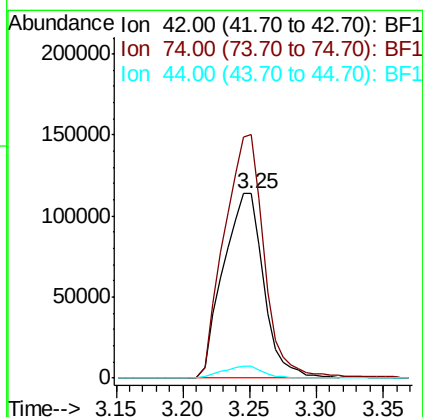
Manual Integrations
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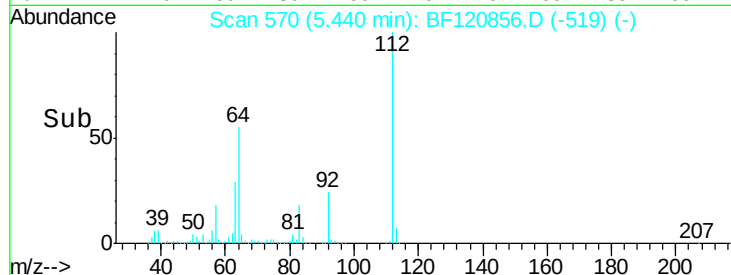
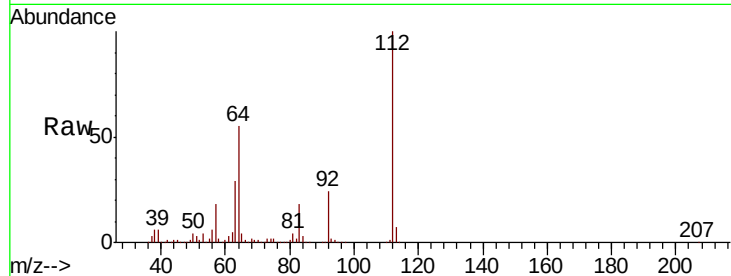
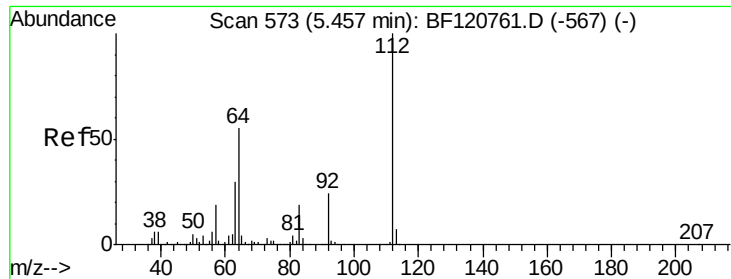
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#4
 n-Nitrosodimethylamine
 Concen: 33.455 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.2	90.8	136.2
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 75.443 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

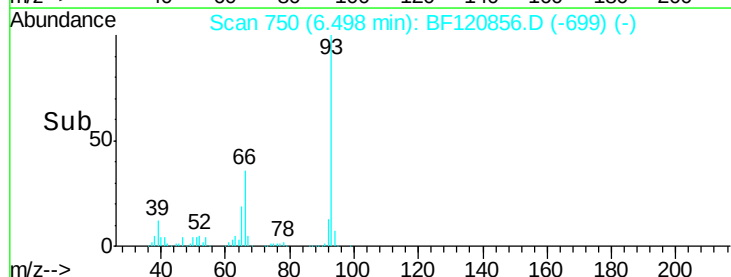
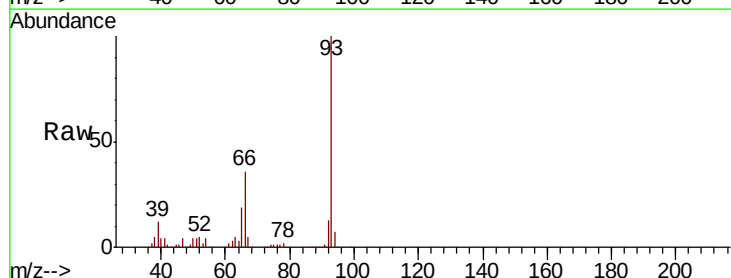
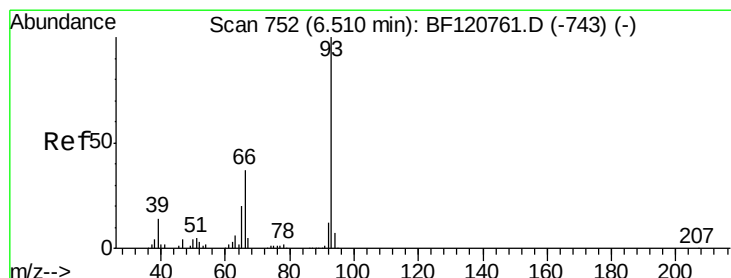
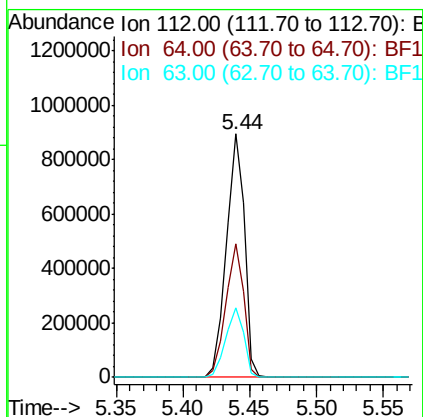
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		865013		
64	54.6	43.8	65.6		
63	28.7	23.6	35.4		

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#6

Aniline

Concen: 37.391 ng

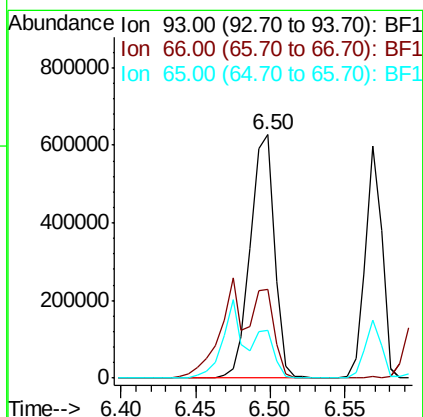
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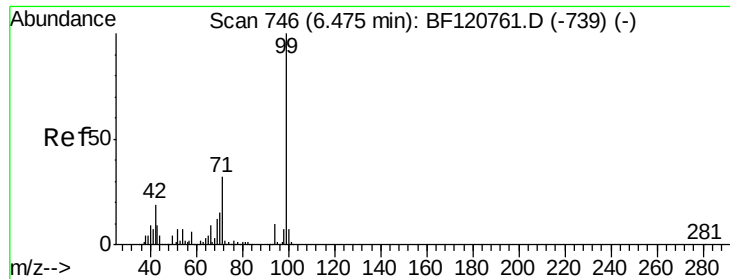
Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		703133		
66	36.4	31.3	46.9		
65	19.4	16.5	24.7		





#7

Phenol-d6

Concen: 74.313 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1088112

Ion Ratio Lower Upper

99 100

42 17.4 15.4 23.0

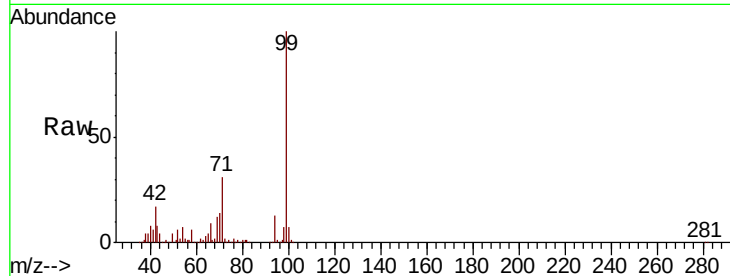
71 31.4 25.9 38.9

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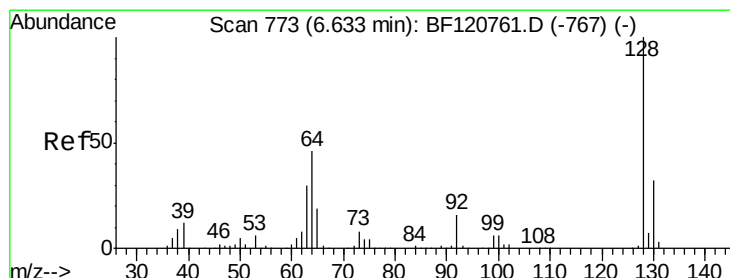
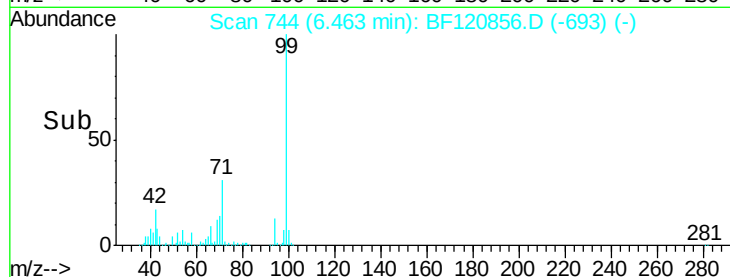
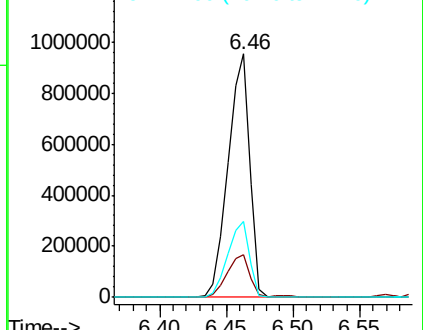
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.181 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

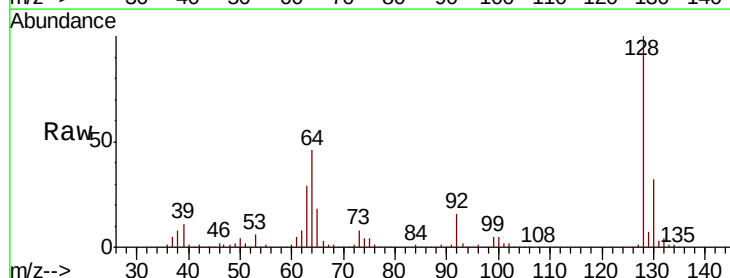
Tgt Ion: 128 Resp: 478288

Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

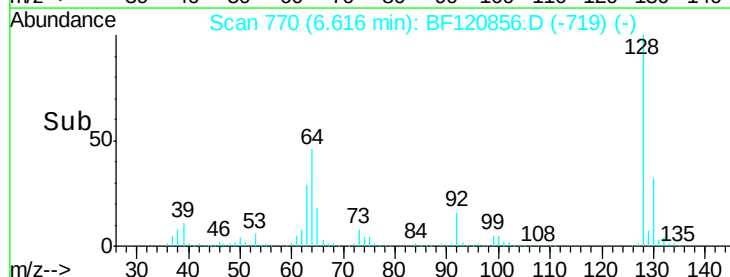
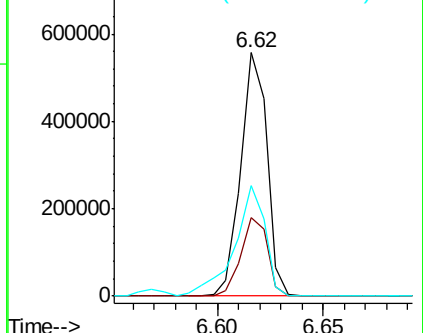
64 45.5 26.3 66.3

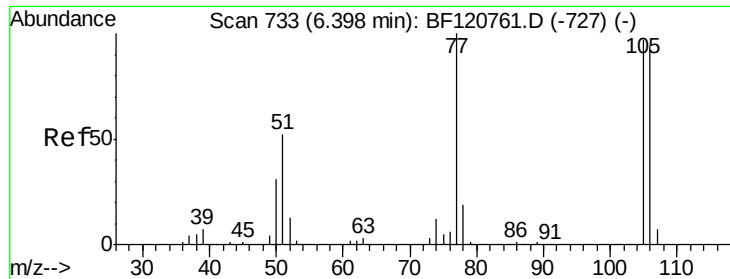


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.935 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

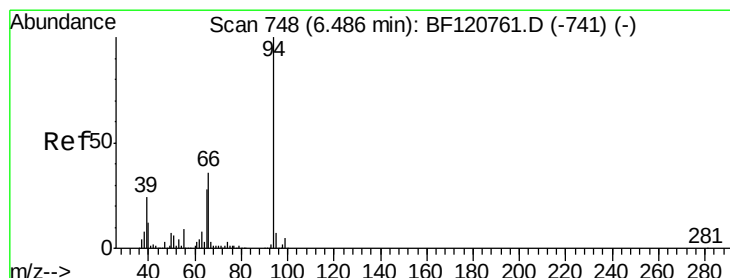
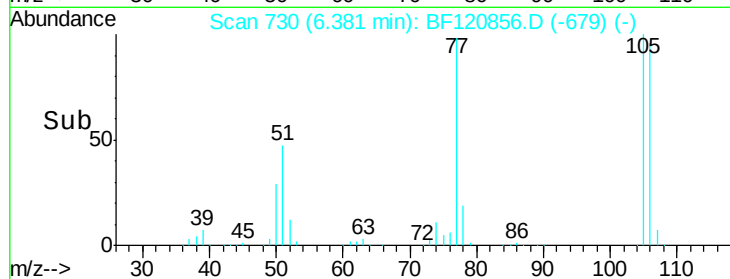
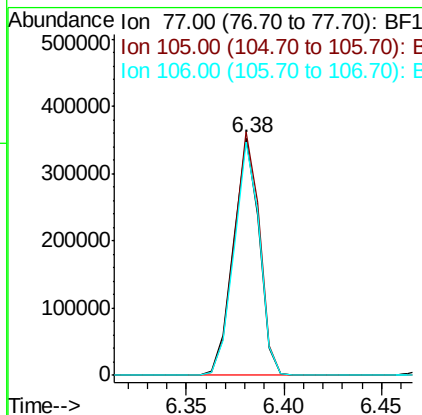
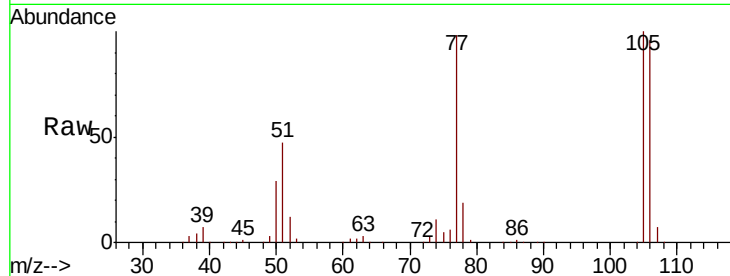
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	321644
Ion	Ratio	Lower	Upper
77	100		
105	102.5	76.8	116.8
106	98.4	73.8	113.8

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#10

Phenol

Concen: 37.750 ng m

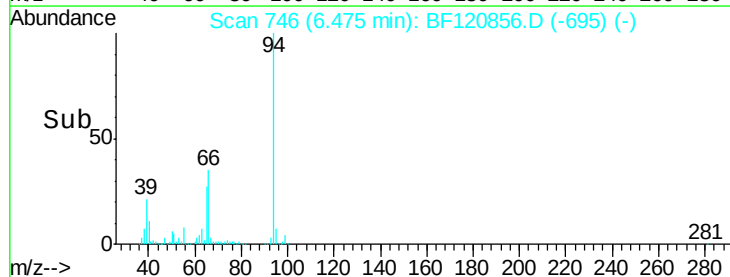
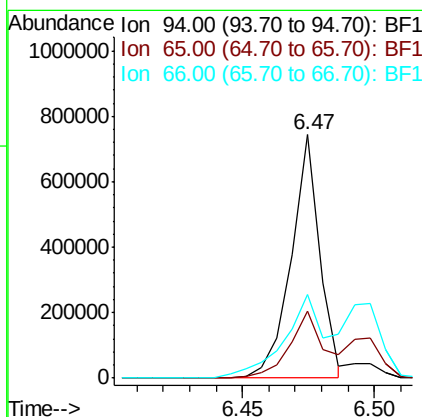
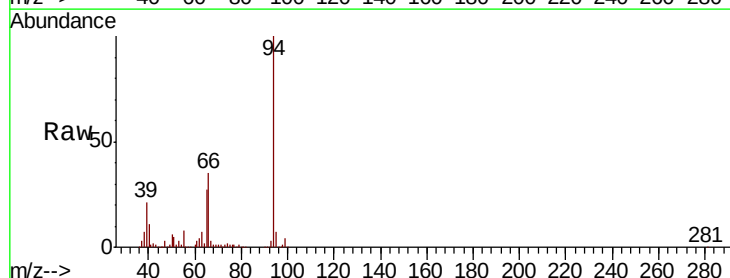
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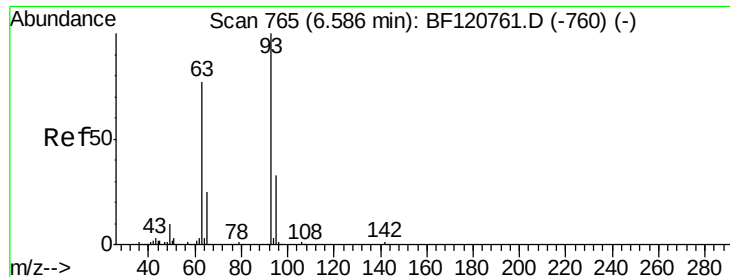
Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion:	94	Resp:	568622
Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.4	48.4
66	34.6	16.5	56.5





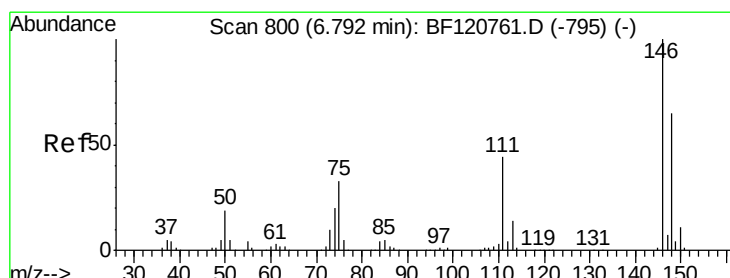
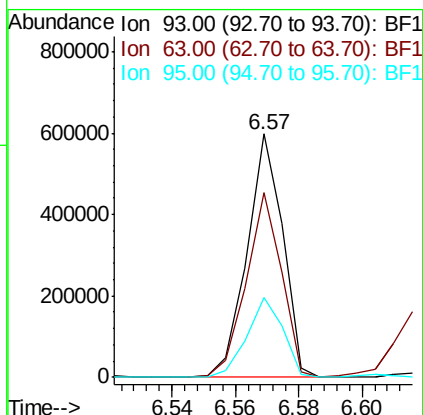
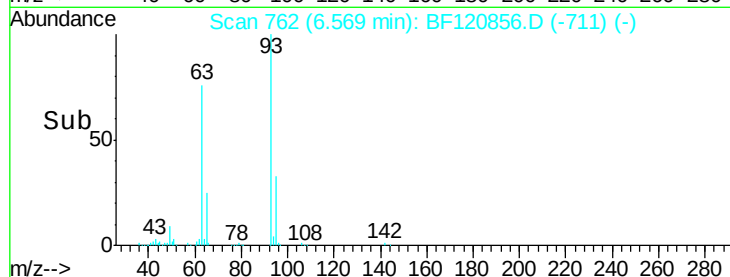
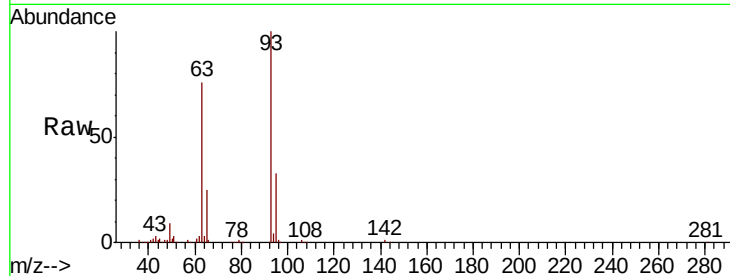
#11
bis(2-Chloroethyl)ether
Concen: 38.024 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	56.9	96.9
95	32.7	13.3	53.3

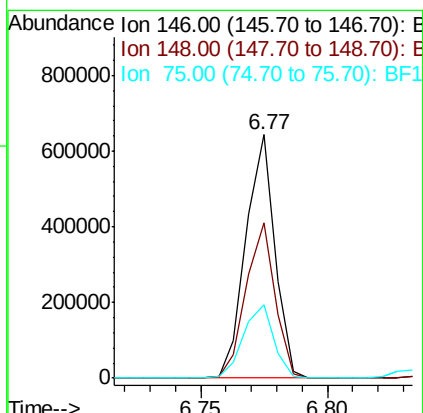
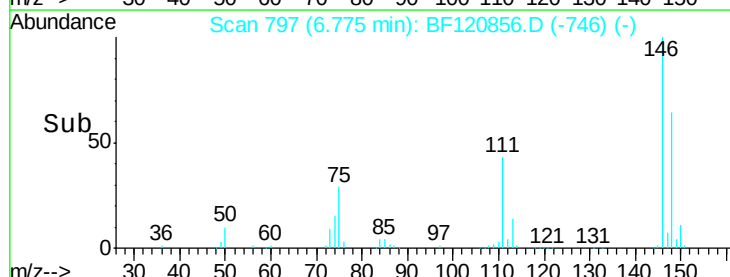
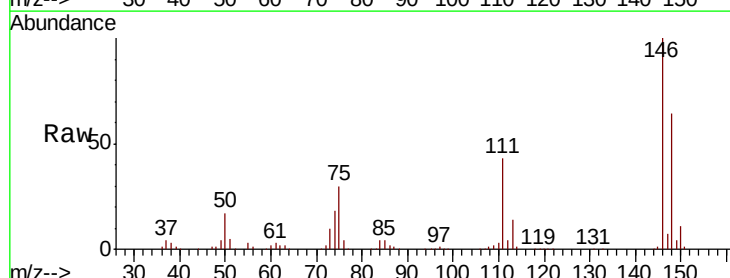
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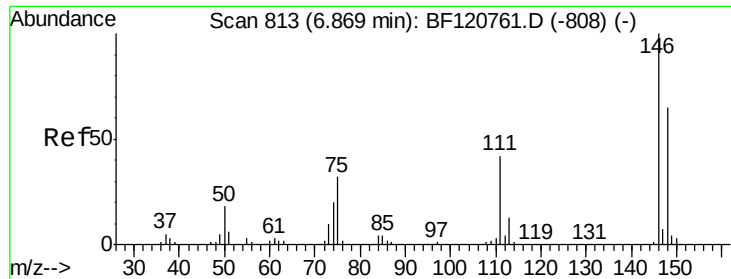
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.275 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	30.3	26.0	39.0





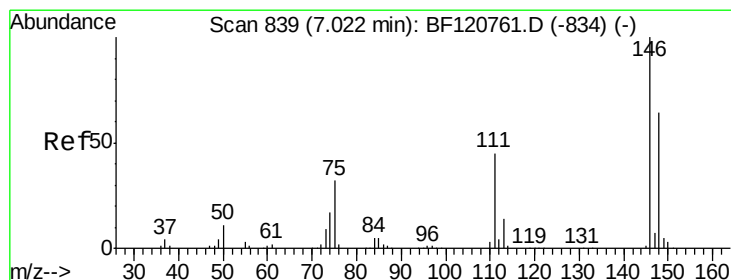
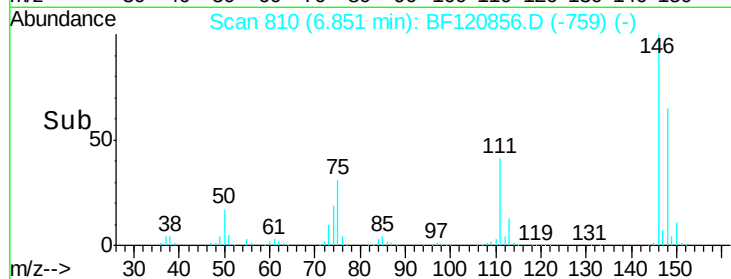
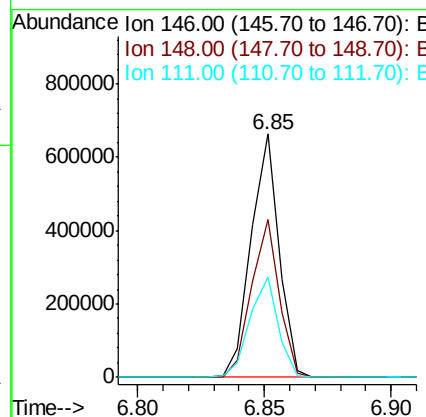
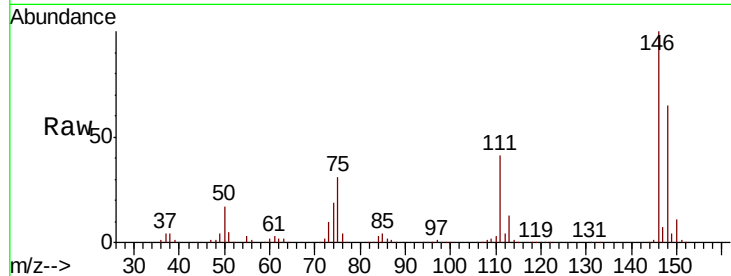
#13
 1,4-Dichlorobenzene
 Concen: 37.976 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	41.3	33.7	50.5

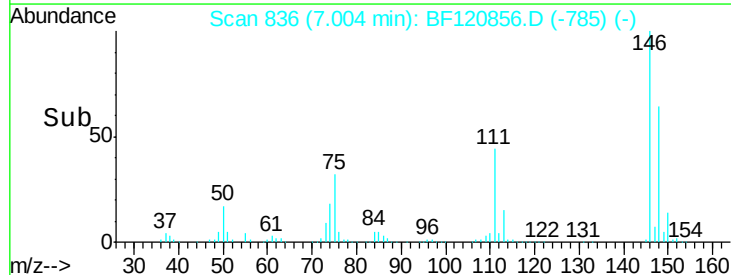
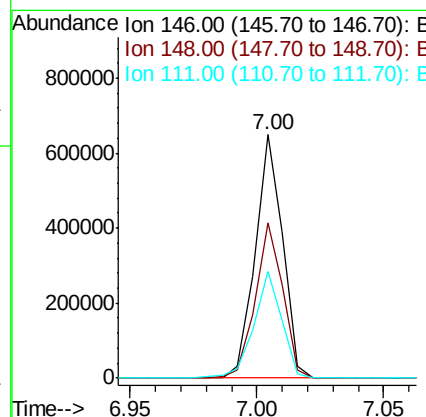
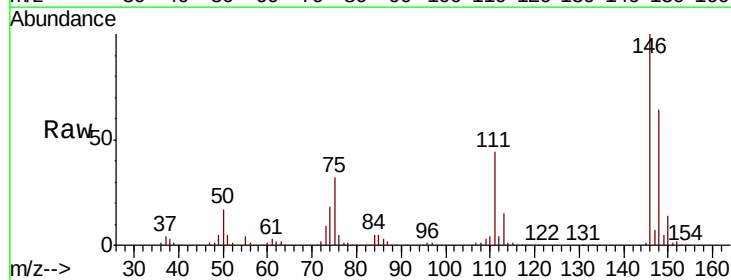
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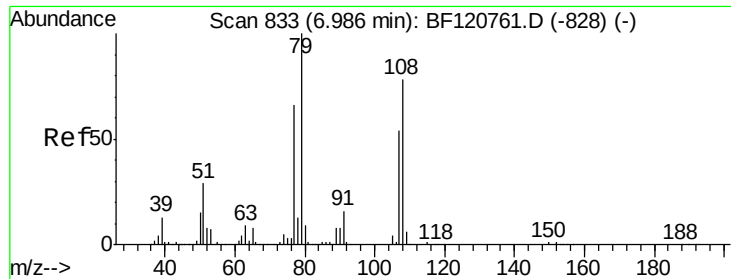
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.945 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
111	44.0	35.7	53.5





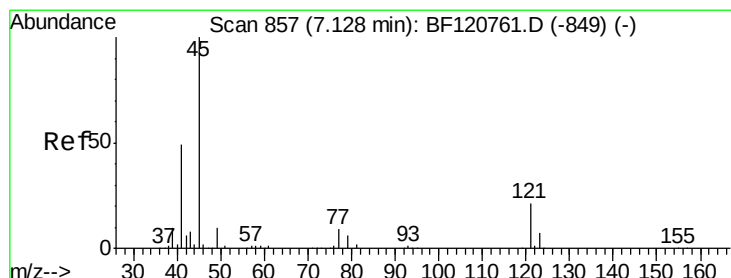
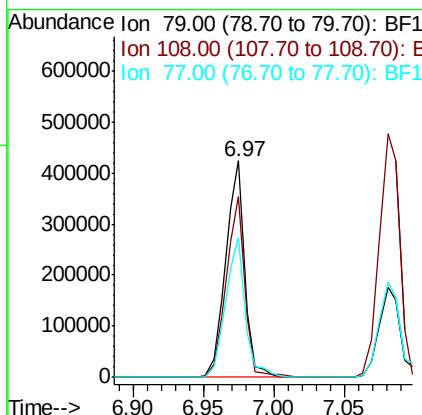
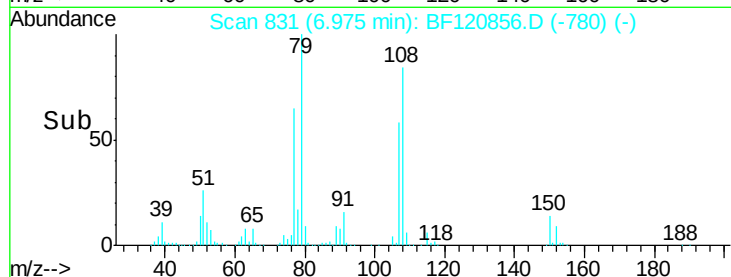
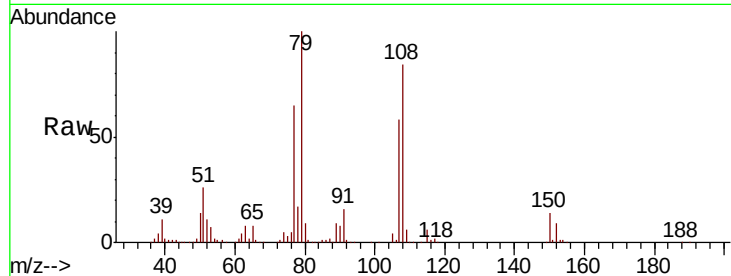
#15
Benzyl Alcohol
Concen: 35.981 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	62.4	93.6
77	64.8	52.7	79.1

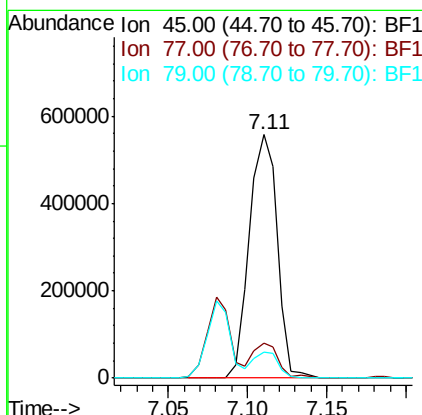
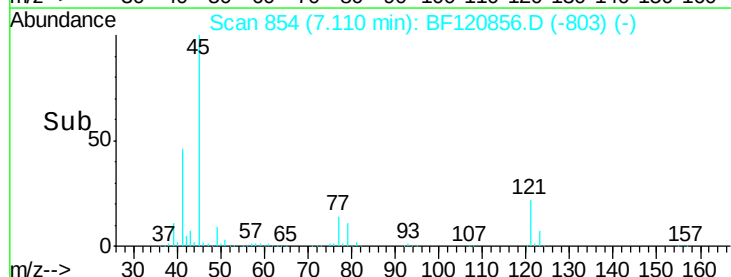
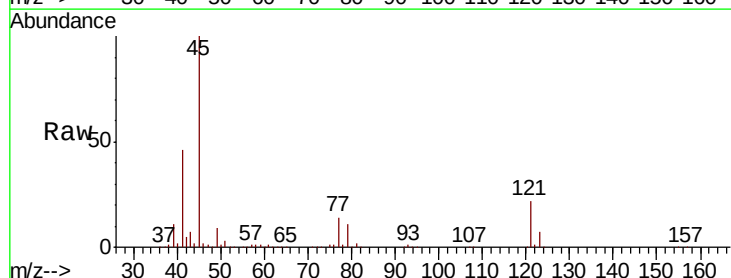
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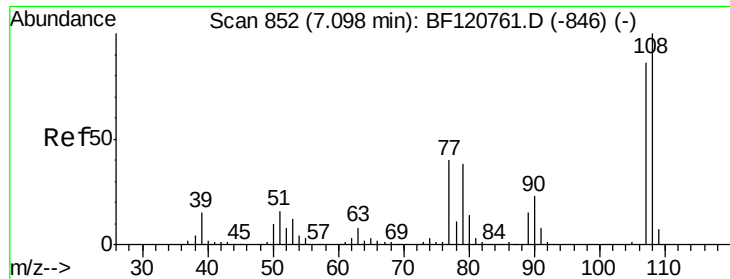
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.807 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.7
79	10.6	0.0	30.5





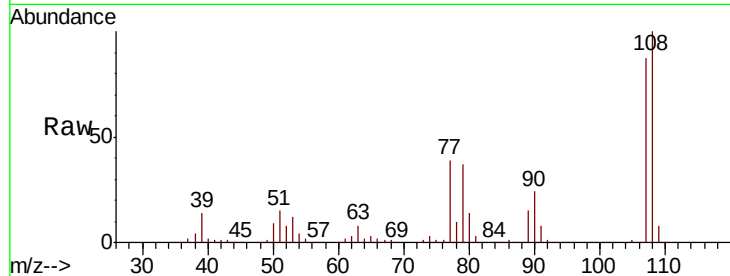
#17
2-Methylphenol
Concen: 37.933 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

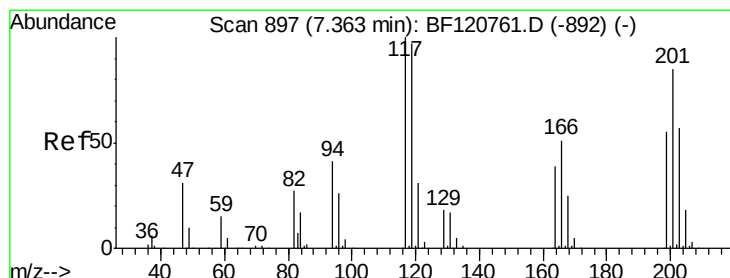
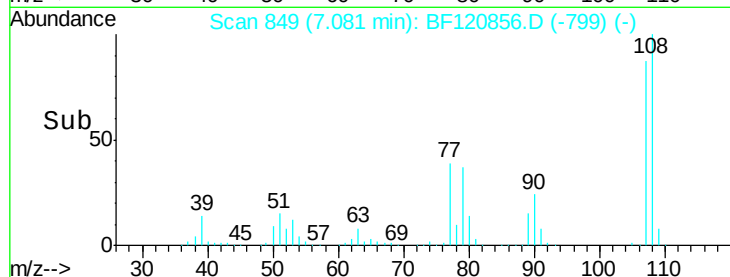
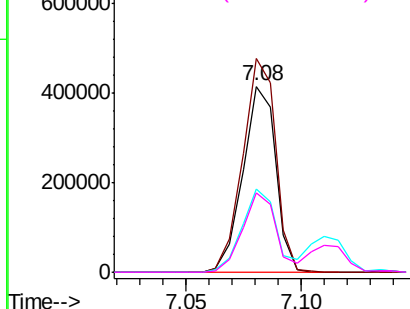
Tot Ion	107	Resp	414244
Ion Ratio	Lower	Upper	
107	100		
108	114.8	93.1	139.7
77	45.1	37.3	55.9
79	42.5	35.3	52.9

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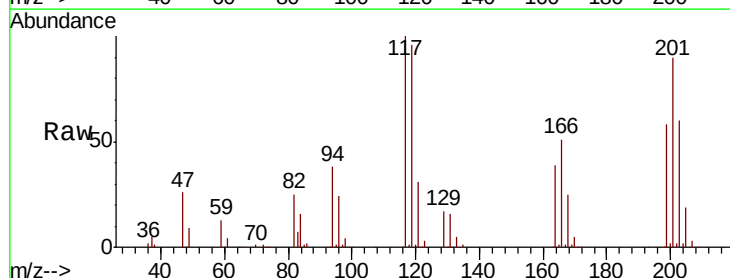


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

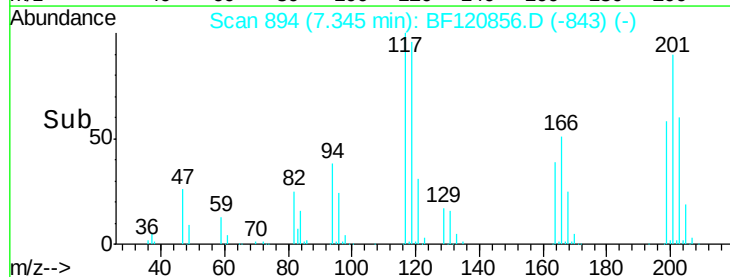
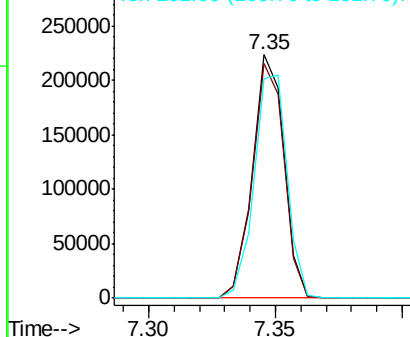


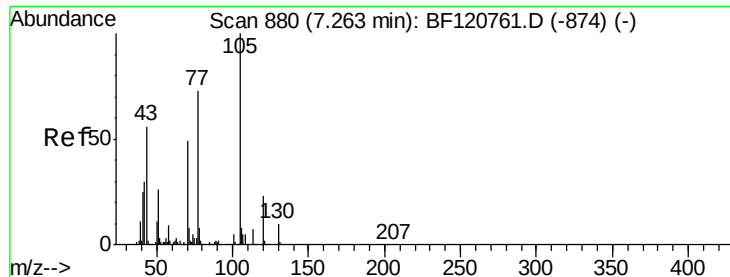
#18
Hexachloroethane
Concen: 38.373 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	117	Resp	194096
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.9	116.9
201	90.1	68.3	102.5



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





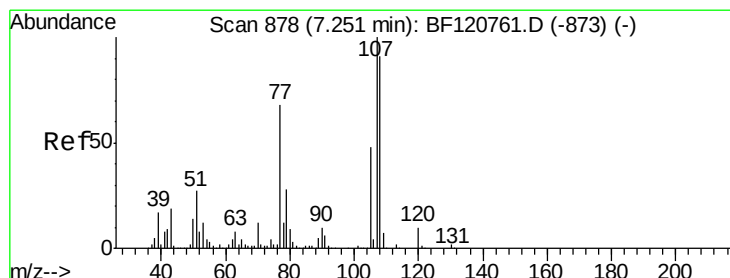
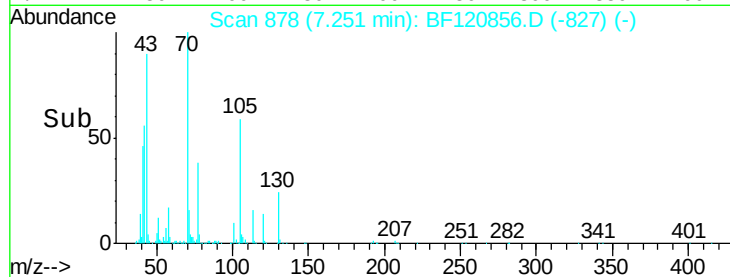
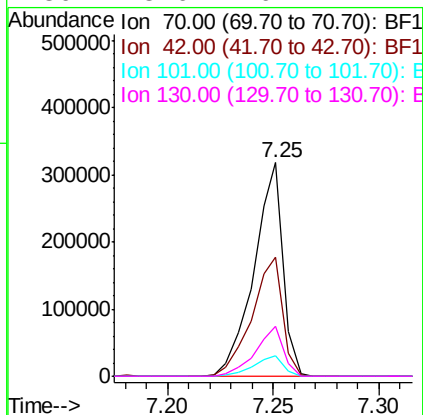
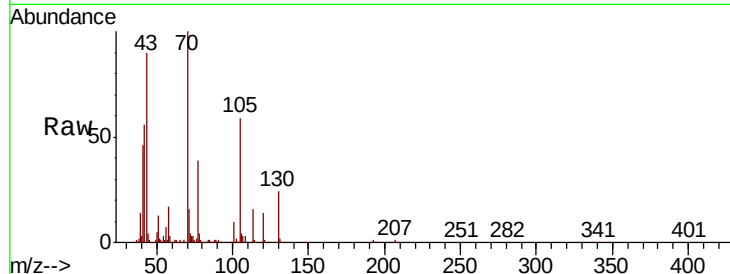
#19
n-Nitroso-di-n-propylamine
Concen: 34.323 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	50.3	75.5
101	9.9	7.5	11.3
130	23.6	16.1	24.1

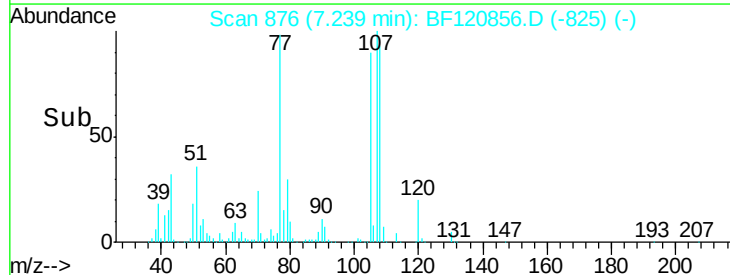
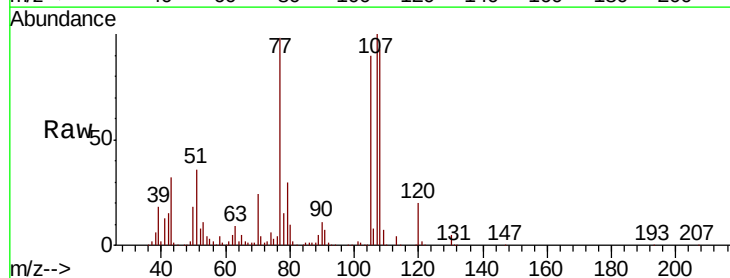
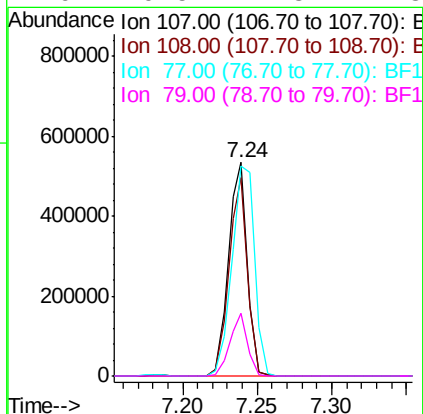
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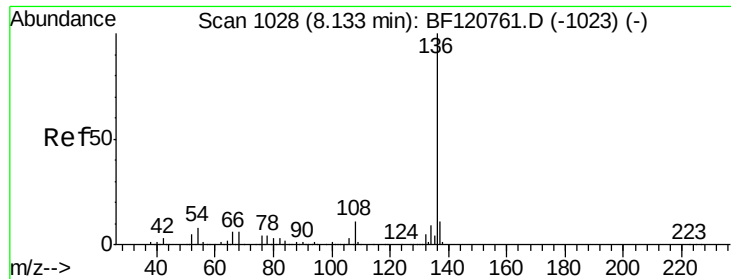
mohammad
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#20
3+4-Methylphenols
Concen: 35.621 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.9	110.9
77	98.2	48.3	88.3#
79	29.5	7.8	47.8





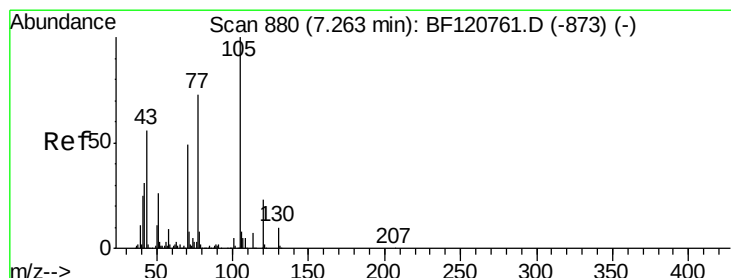
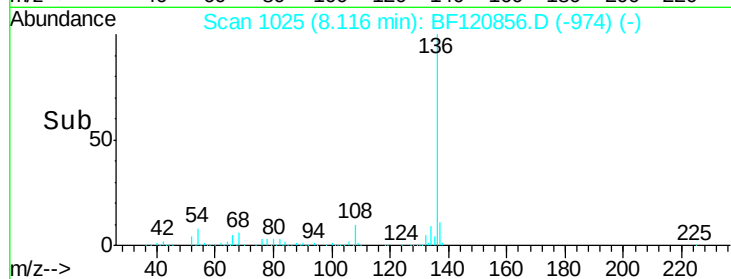
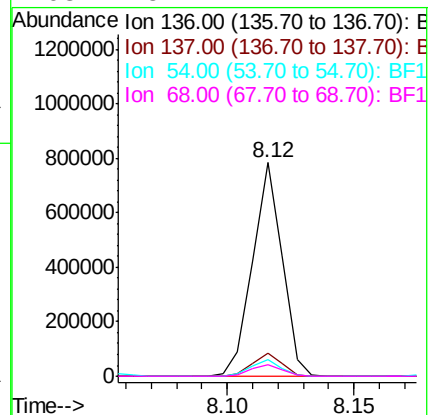
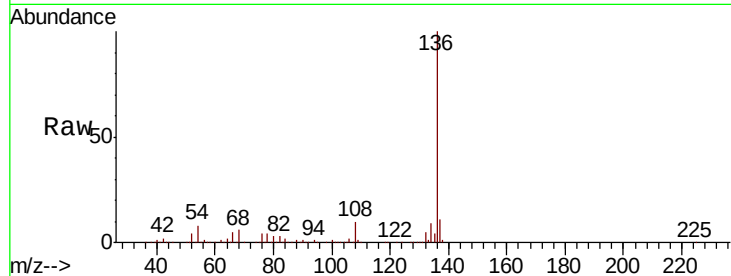
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.6	
54	7.6	6.2	9.4	
68	5.7	4.7	7.1	

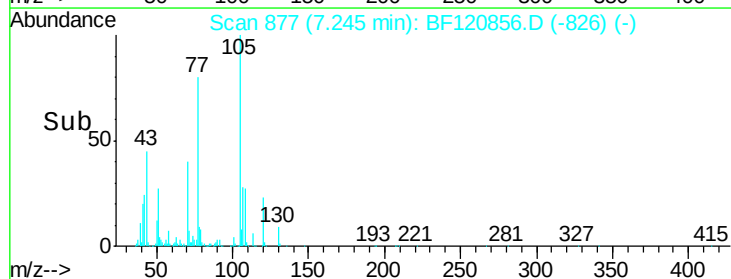
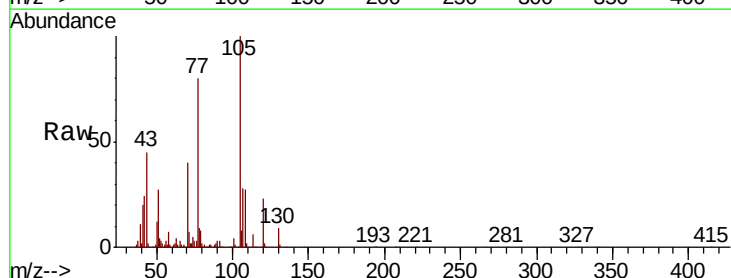
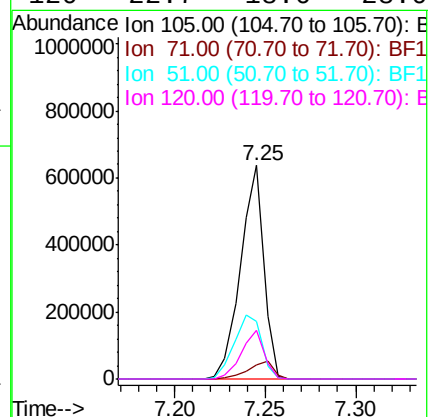
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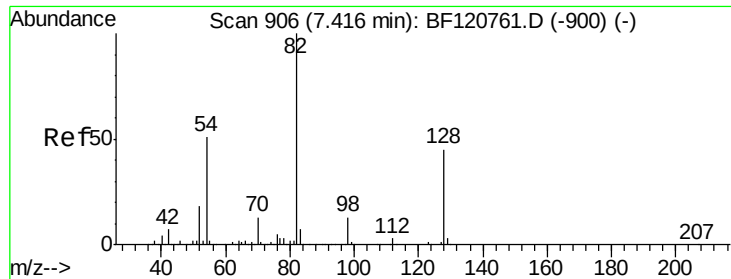
mohammad
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#22
Acetophenone
Concen: 35.810 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	6.5	9.7	
51	27.0	21.0	31.4	
120	22.7	18.6	28.0	





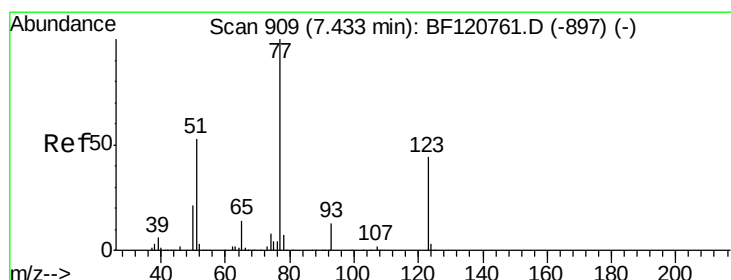
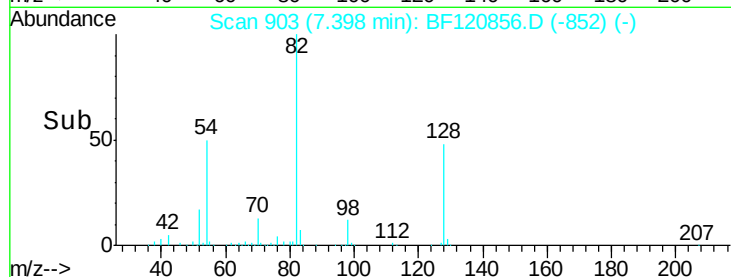
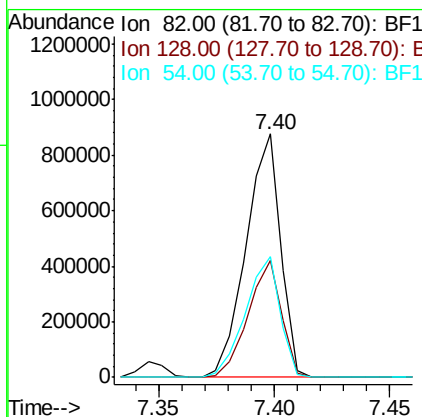
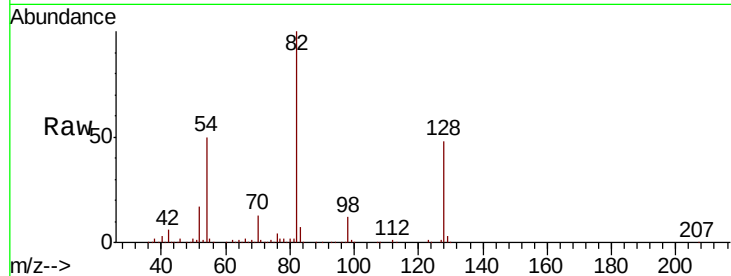
#23
 Nitrobenzene-d5
 Concen: 83.345 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.7	53.5
54	49.9	40.9	61.3

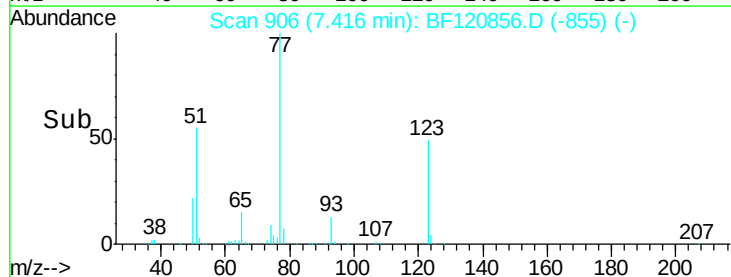
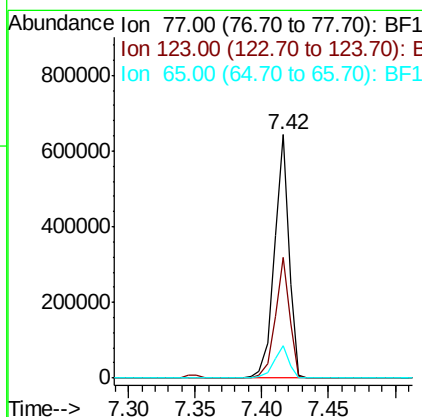
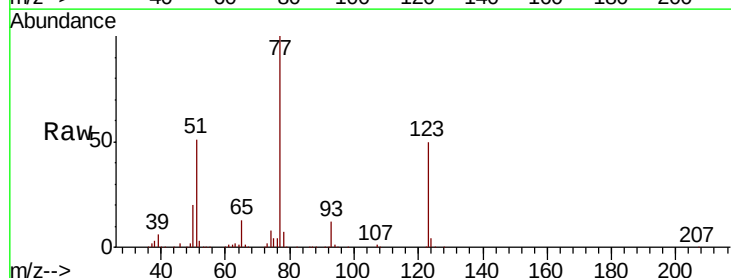
Manual Integrations
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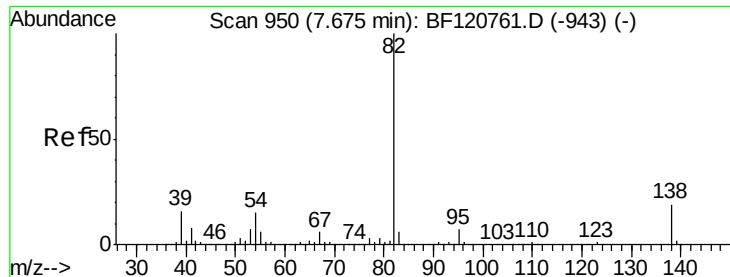
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#24
 Nitrobenzene
 Concen: 39.825 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	36.1	54.1
65	13.4	11.0	16.4





#25

Isophorone

Concen: 36.837 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

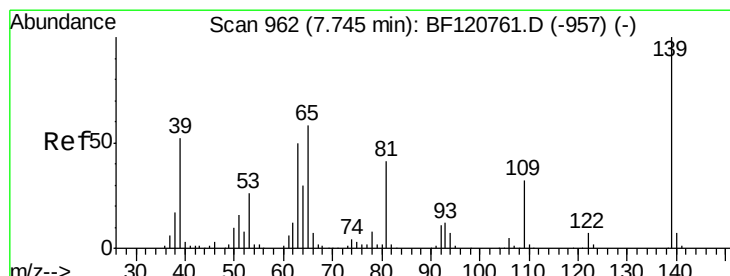
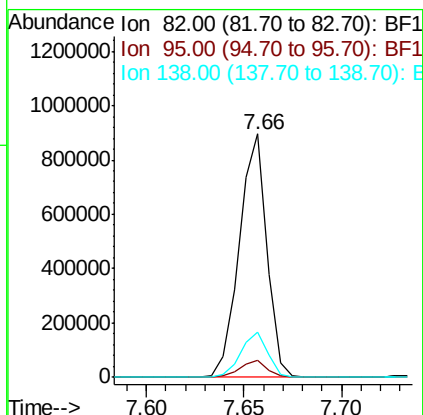
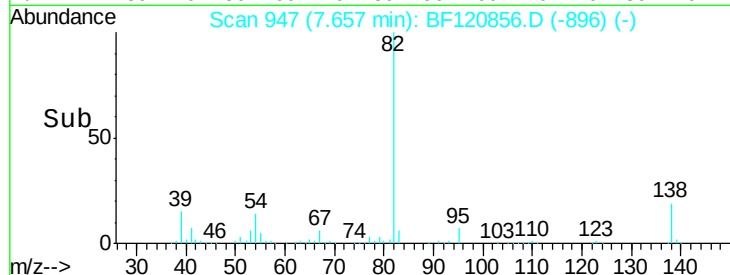
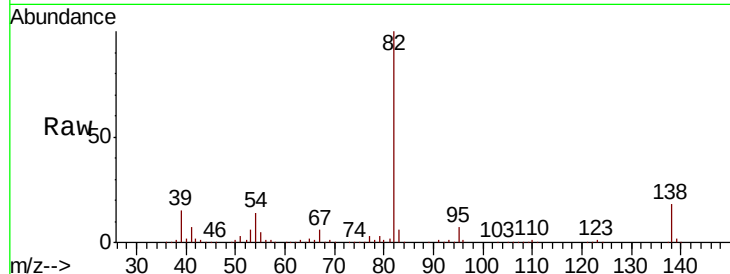
ClientSampleId :

SSTDCCC040

Tot Ion	82	Resp	874860
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.5	15.0	22.4

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#26

2-Nitrophenol

Concen: 46.073 ng

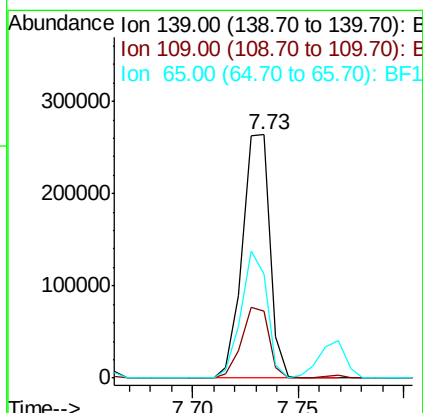
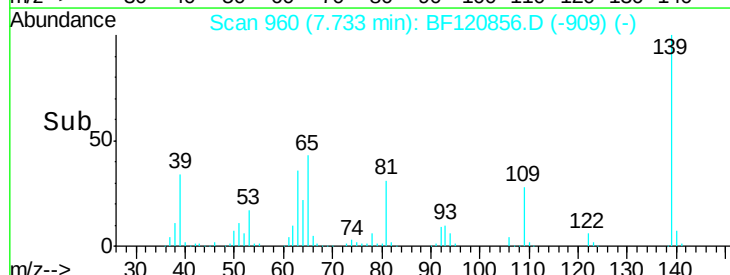
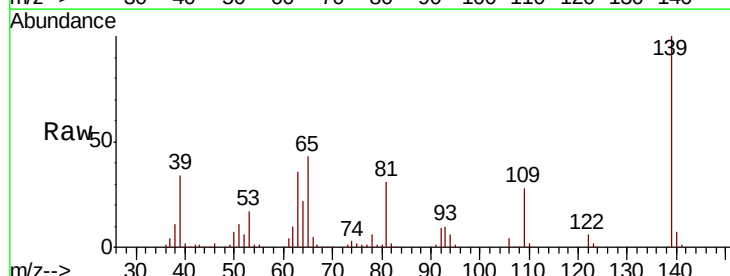
RT: 7.73 min Scan# 960

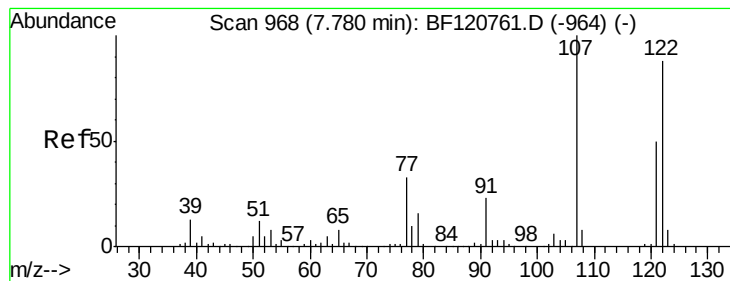
Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion	139	Resp	238598
Ion Ratio	Lower	Upper	
139	100		
109	27.5	25.3	37.9
65	42.8	46.2	69.2#





#27

2,4-Dimethylphenol

Concen: 39.056 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

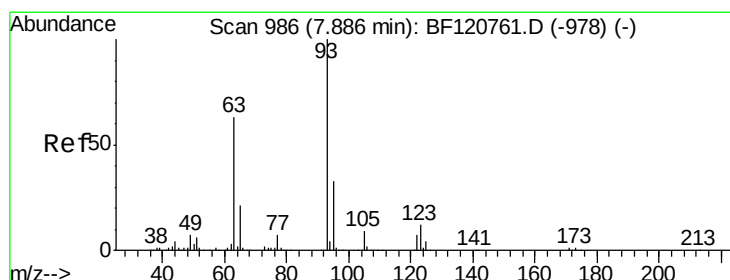
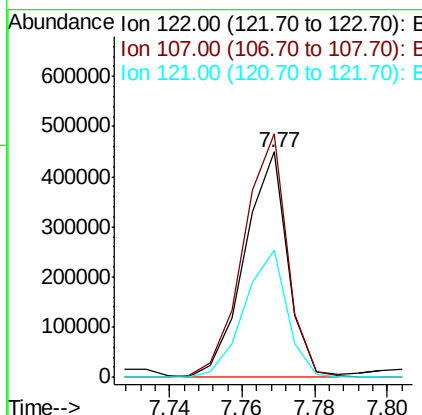
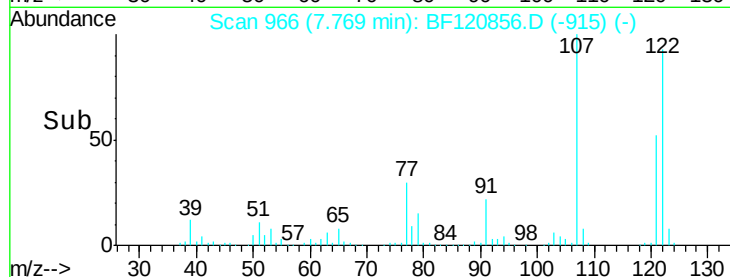
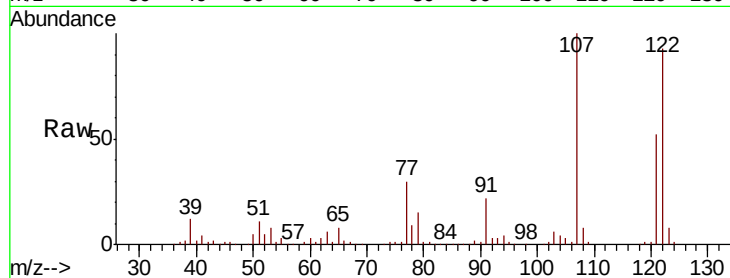
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		370274		
107	107.9	90.7	136.1		
121	56.5	45.4	68.0		

Manual Integrations
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mohammad
7/15/2020 10:59:45 AM



#28

bis(2-Chloroethoxy)methane

Concen: 38.507 ng

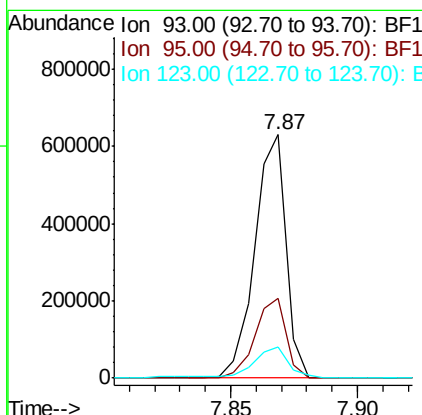
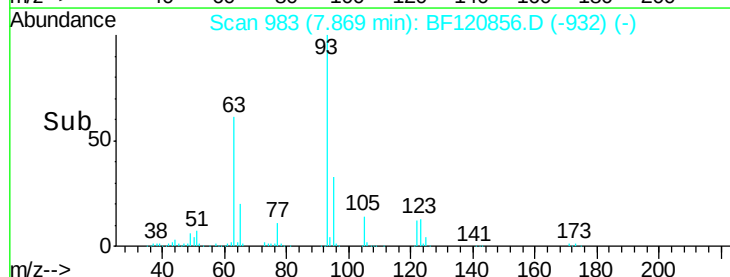
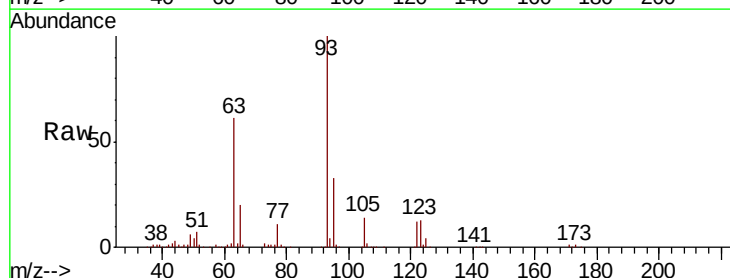
RT: 7.87 min Scan# 983

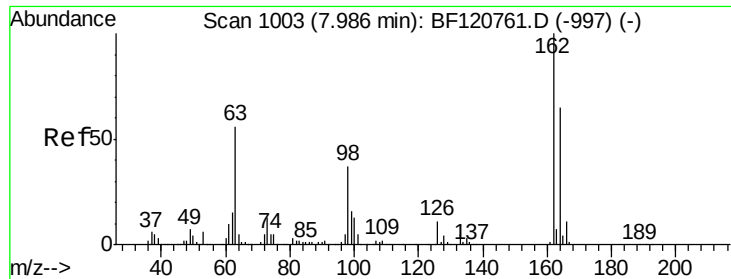
Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		541264		
95	33.0	26.4	39.6		
123	12.6	10.2	15.2		





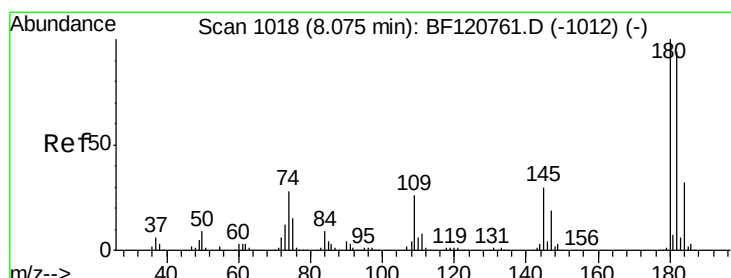
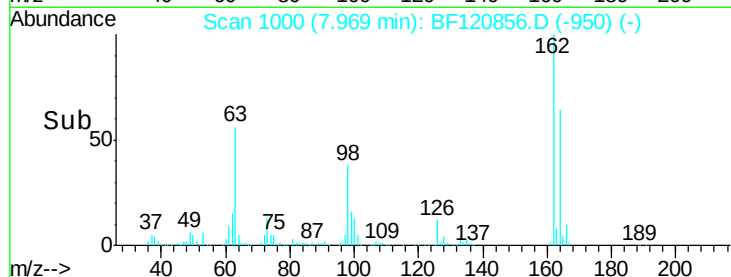
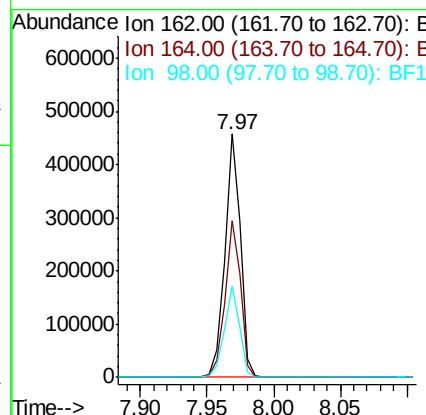
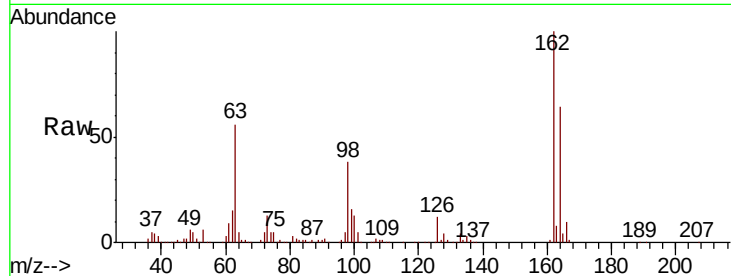
#29
 2,4-Dichlorophenol
 Concen: 39.870 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	377357		
164	64.2	45.2	85.2	
98	37.7	17.0	57.0	

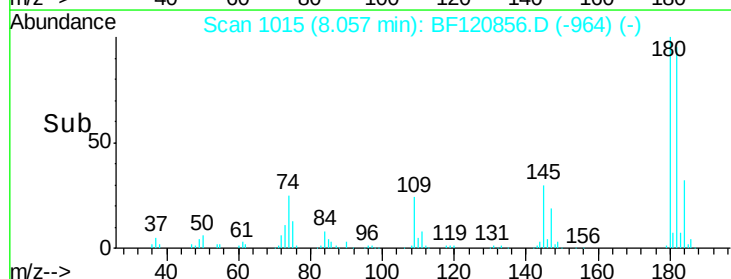
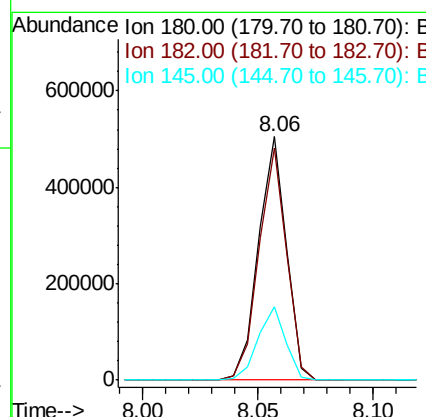
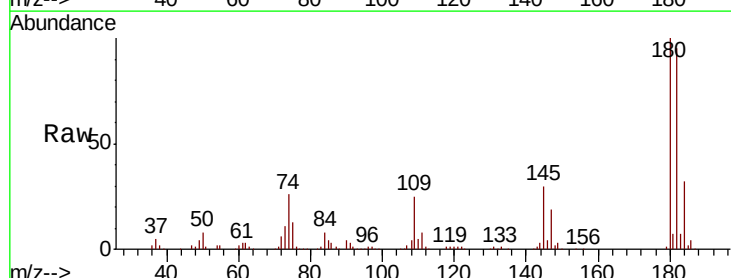
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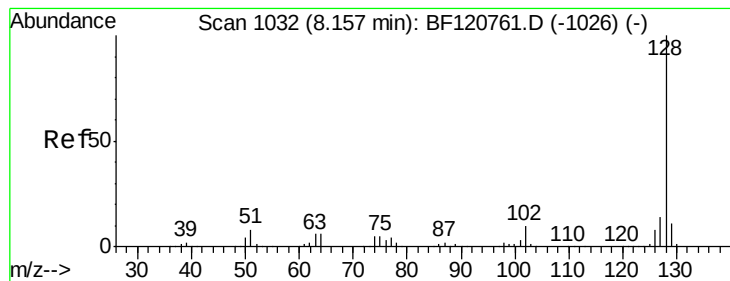
mohammad
 7/15/2020 10:59:45 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.017 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	425404		
182	95.4	75.5	113.3	
145	30.0	24.1	36.1	





#31

Naphthalene

Concen: 38.343 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1307450

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

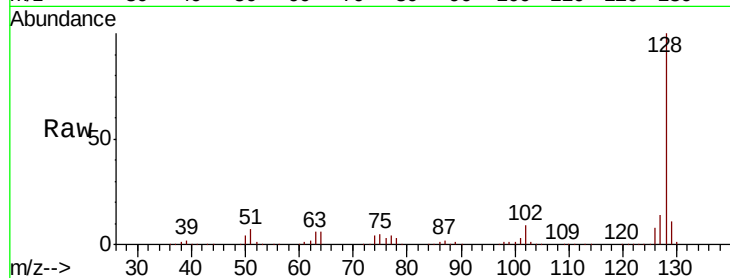
127 13.6 11.1 16.7

Manual Integrations

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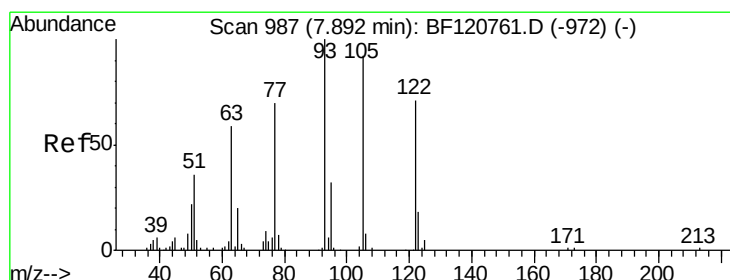
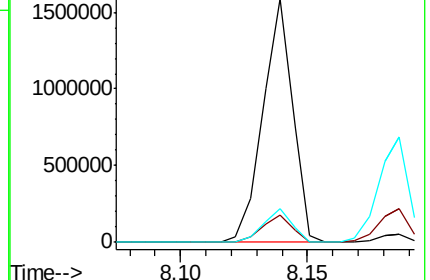
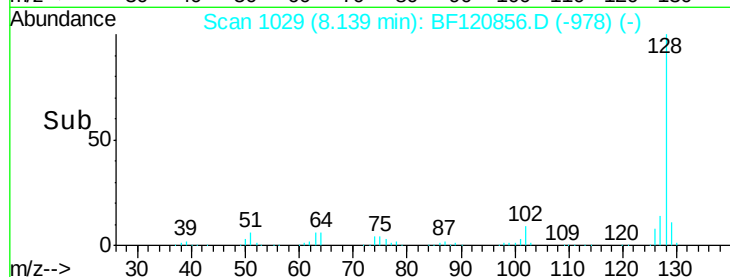
7/15/2020 10:59:45 AM



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: 35.314 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

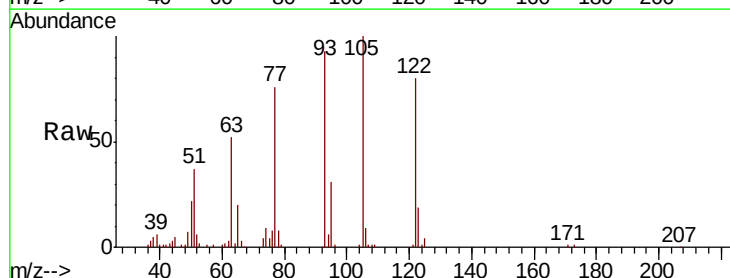
Tgt Ion:122 Resp: 228529

Ion Ratio Lower Upper

122 100

105 124.4 105.8 145.8

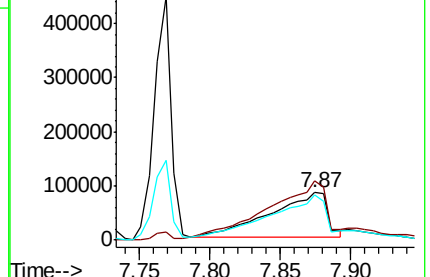
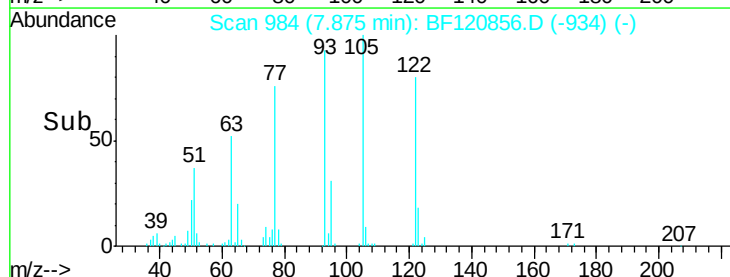
77 94.8 77.3 117.3

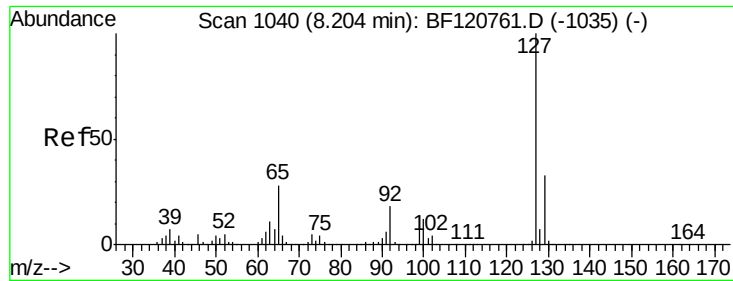


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





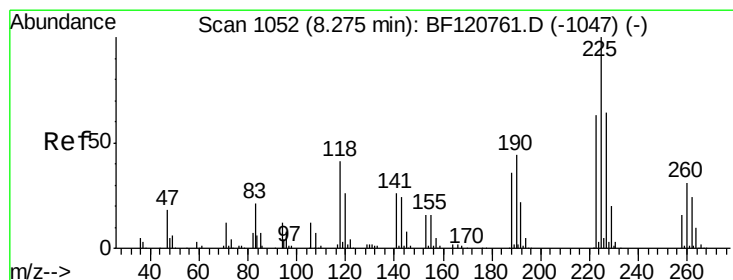
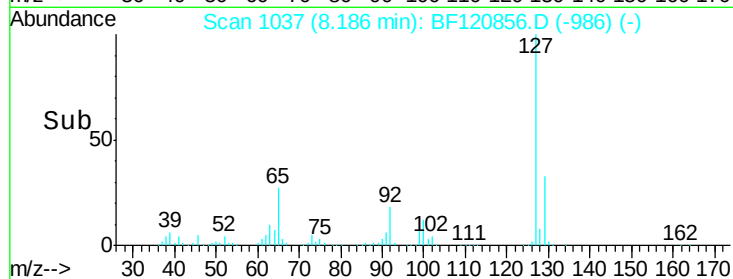
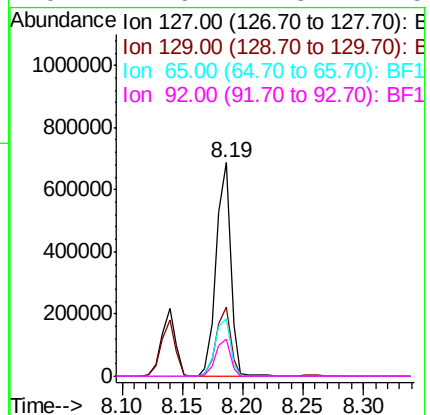
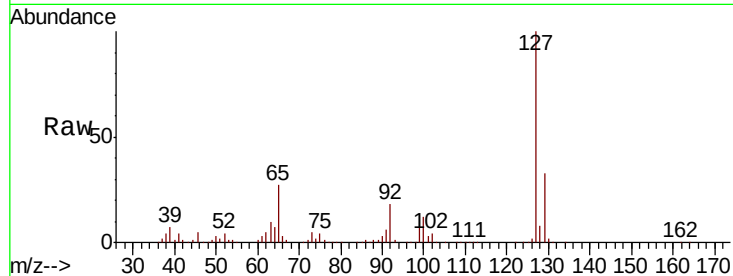
#33
4-Chloroaniline
Concen: 39.082 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	26.9	22.7	34.1		
92	17.6	14.3	21.5		

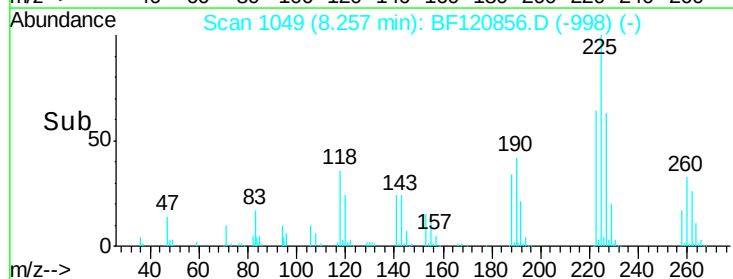
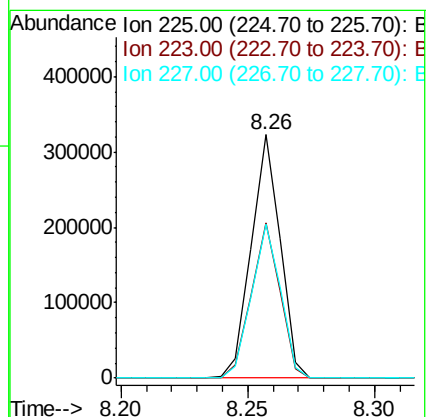
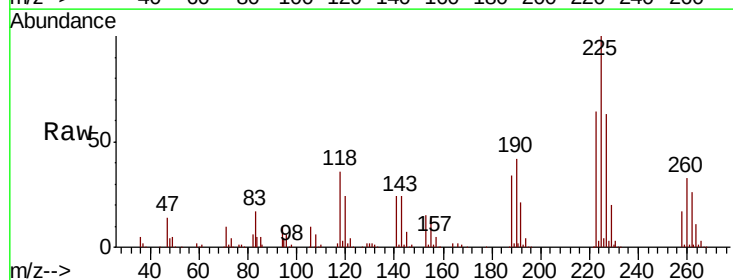
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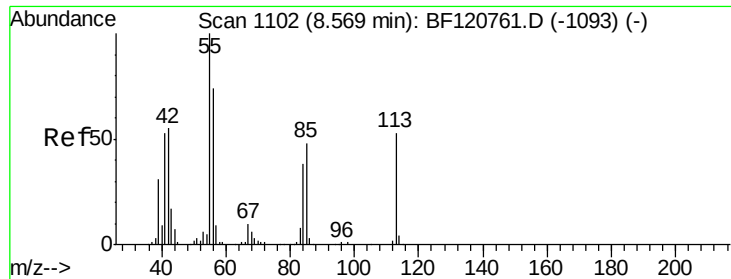
mohammad
7/15/2020 10:59:45 AM



#34
Hexachlorobutadiene
Concen: 40.164 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.6	76.0		
227	63.3	51.4	77.2		





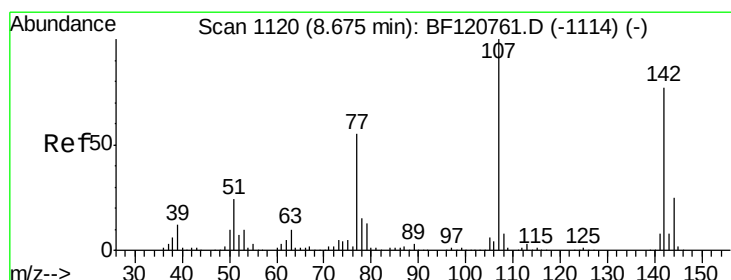
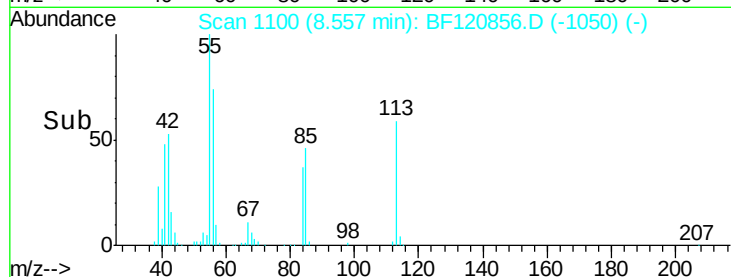
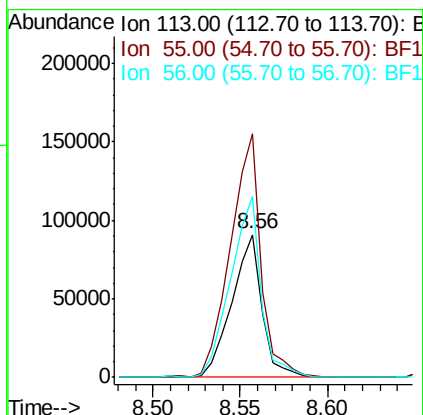
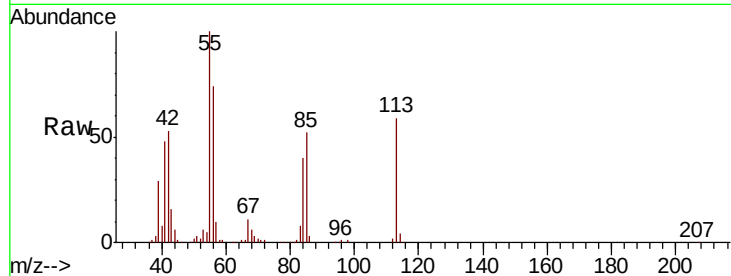
#35
 Caprolactam
 Concen: 39.724 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	170.3	168.3	208.3	
56	126.8	118.8	158.8	

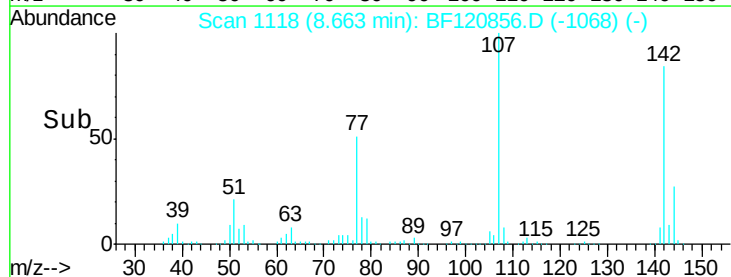
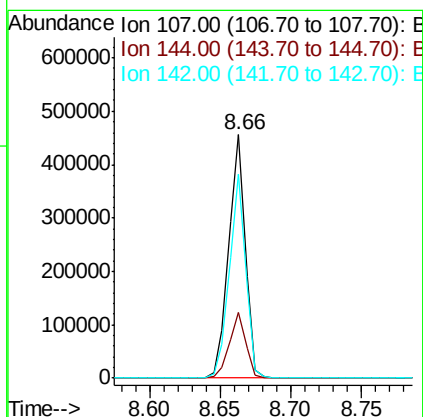
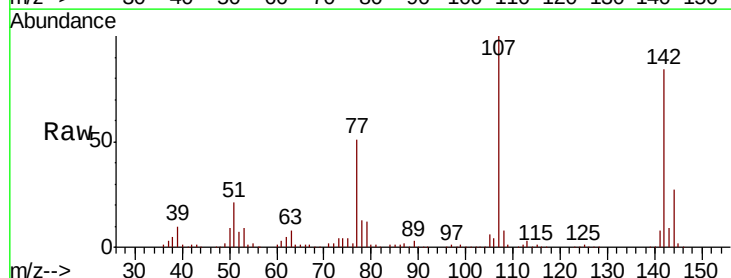
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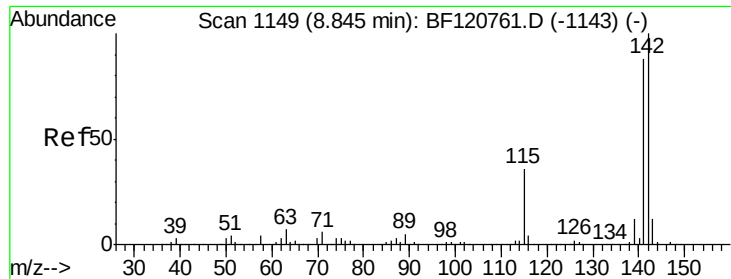
mohammad
 7/15/2020 10:59:45 AM



#36
 4-Chloro-3-methylphenol
 Concen: 38.072 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.9	19.7	29.5	
142	83.8	61.2	91.8	





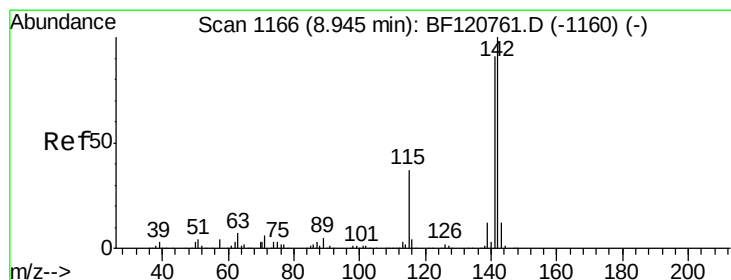
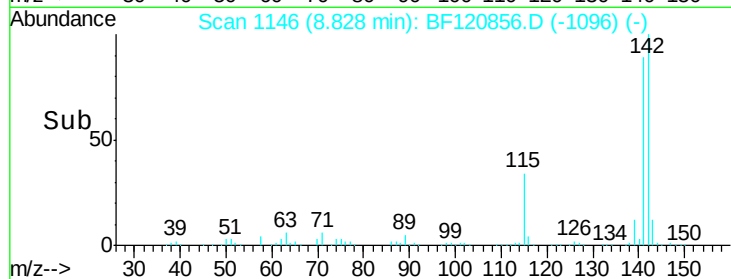
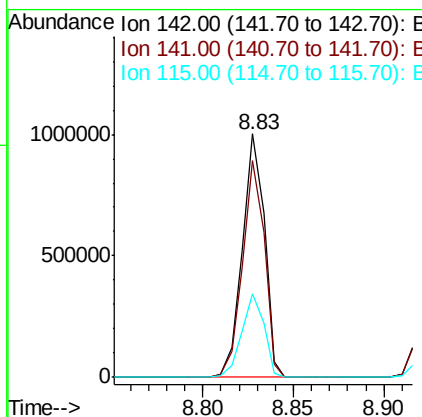
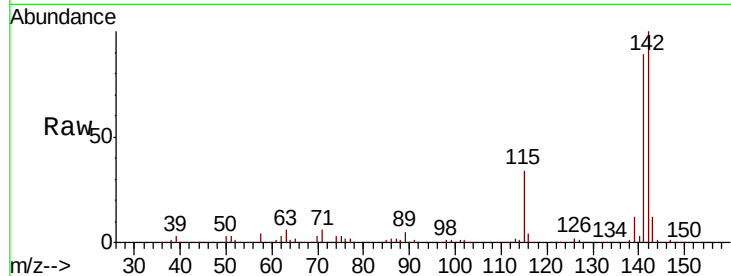
#37
2-Methylnaphthalene
Concen: 38.391 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.4
115	34.5	29.0	43.4

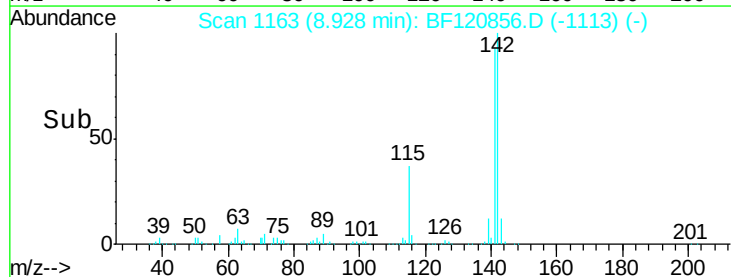
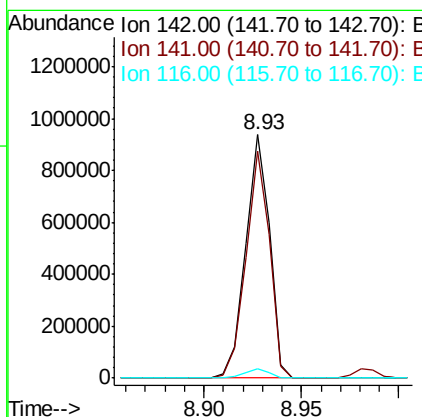
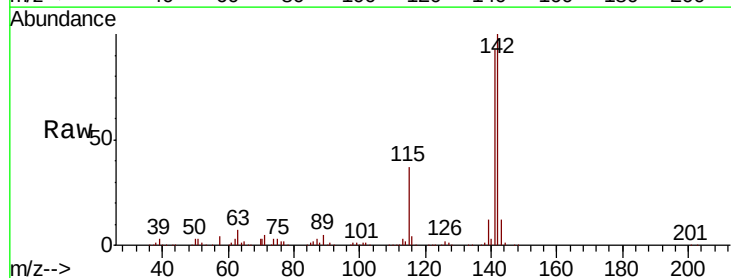
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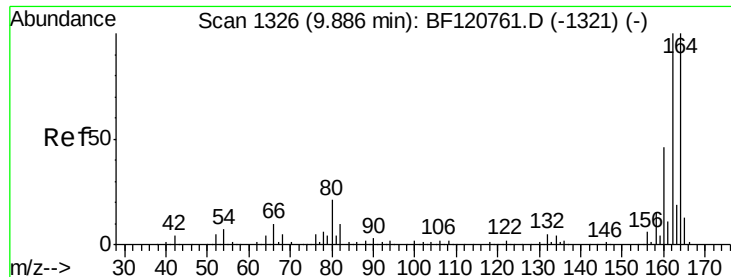
mohammad
7/15/2020 10:59:45 AM



#38
1-Methylnaphthalene
Concen: 38.170 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.5	108.7
116	3.9	3.1	4.7





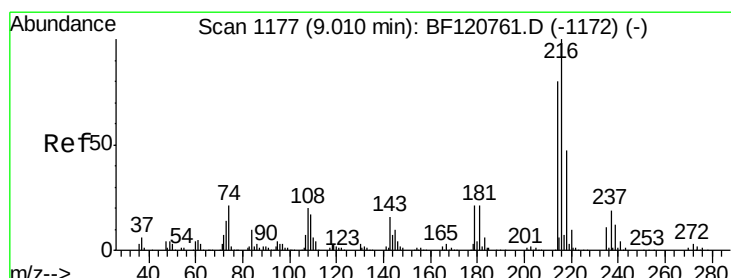
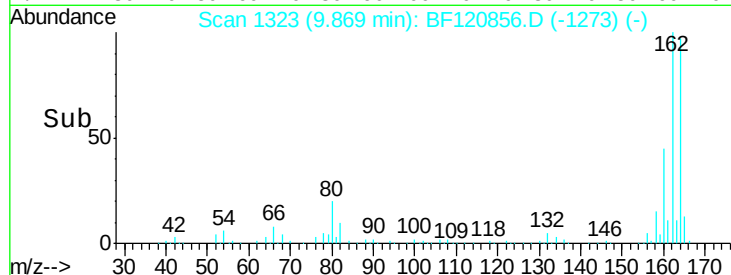
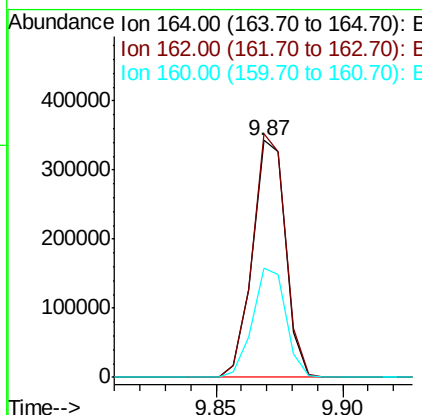
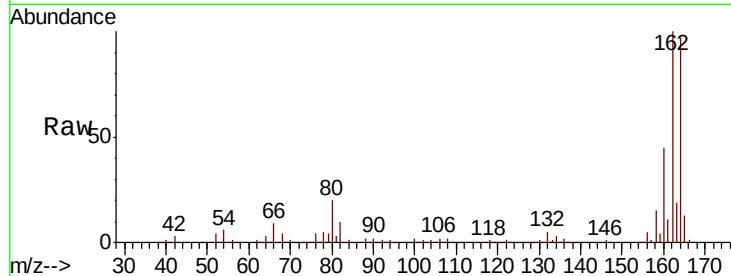
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	45.8	36.9	55.3

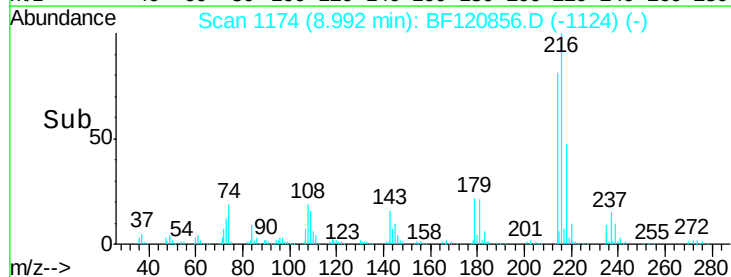
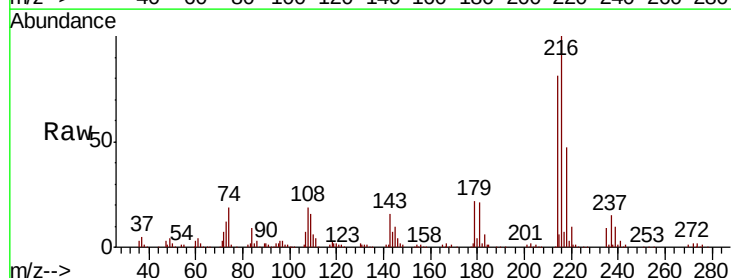
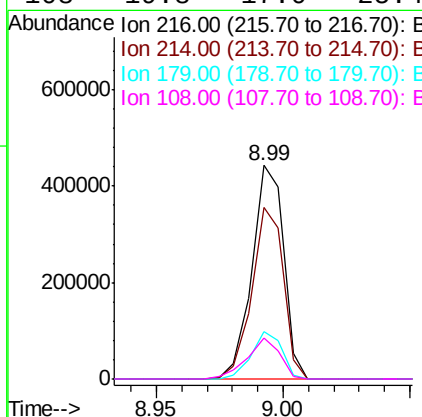
Manual Integrations
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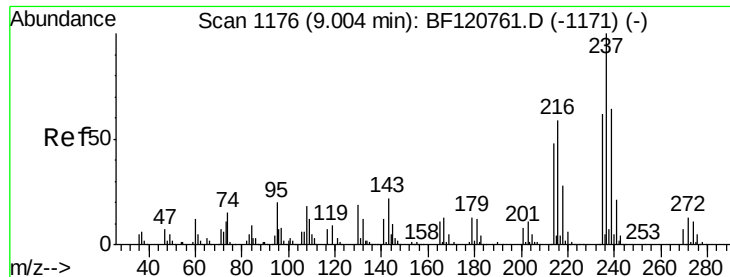
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.136 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	21.2	16.7	25.1
108	19.8	17.0	25.4





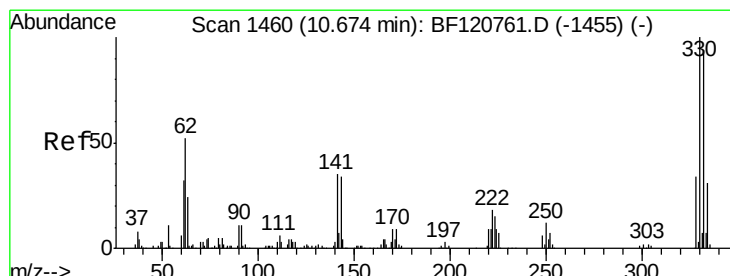
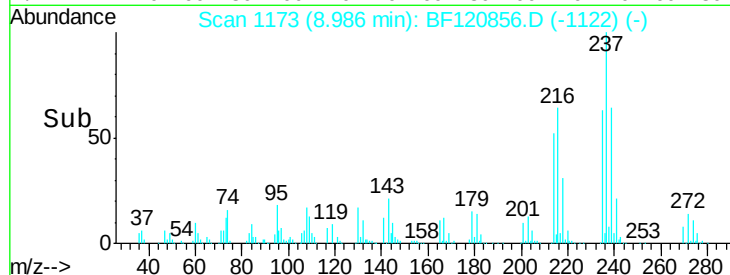
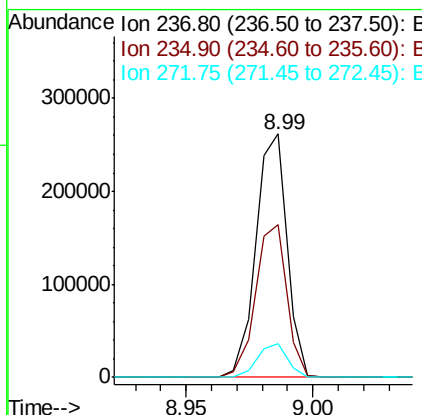
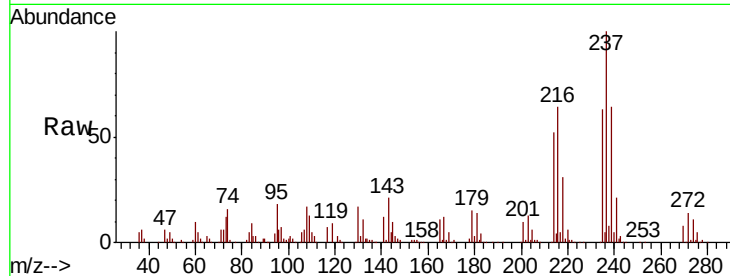
#41
Hexachlorocyclopentadiene
Concen: 40.413 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100	225284		
235	62.7	42.1	82.1	
272	14.0	0.0	33.4	

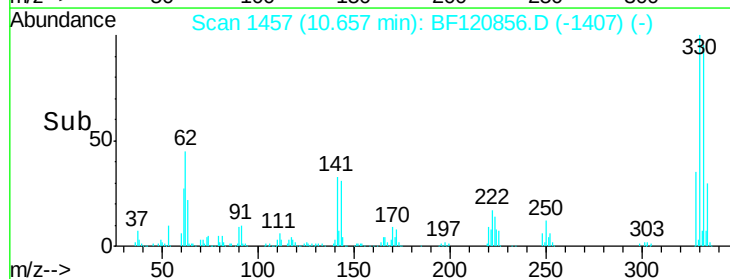
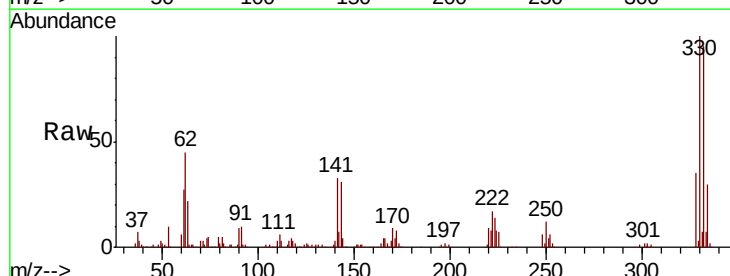
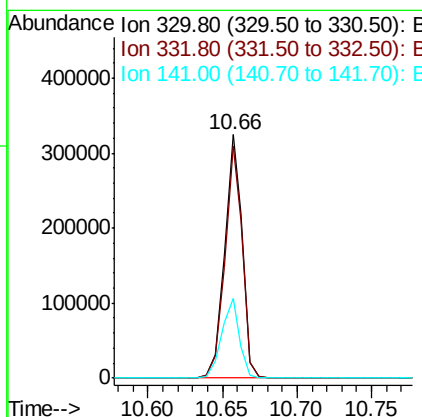
Manual Integrations
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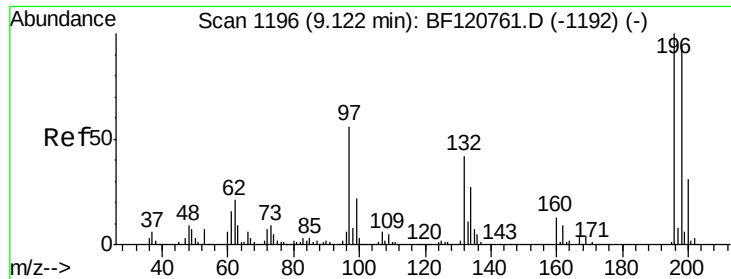
mohammad
7/15/2020 10:59:45 AM



#42
2,4,6-Tribromophenol
Concen: 86.523 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	271369		
332	94.5	75.8	113.6	
141	32.8	29.7	44.5	





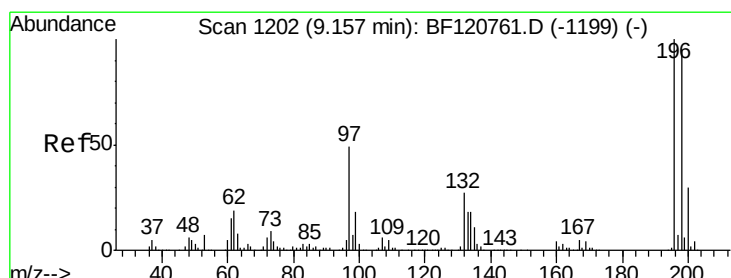
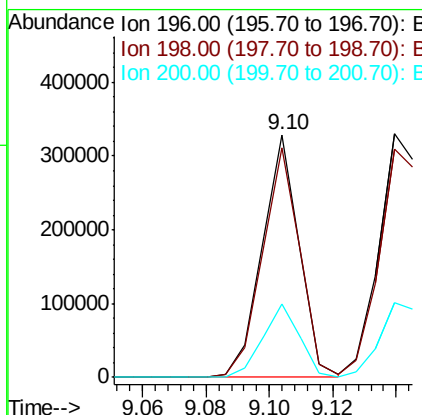
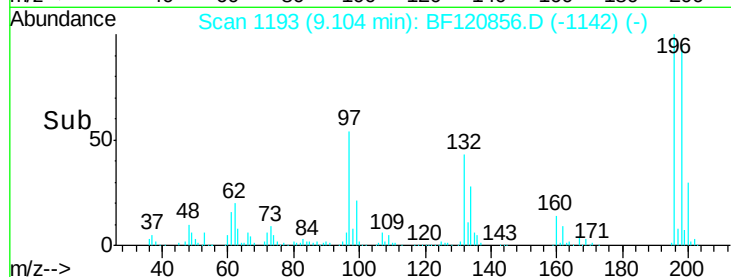
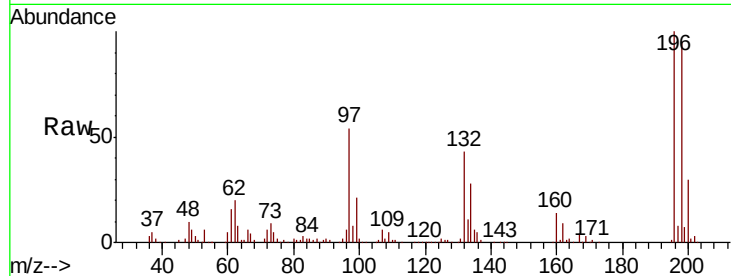
#43
 2,4,6-Trichlorophenol
 Concen: 41.372 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265989		
198	94.6	75.3	112.9	
200	30.2	24.4	36.6	

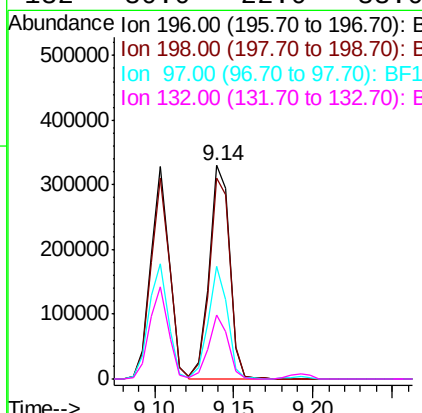
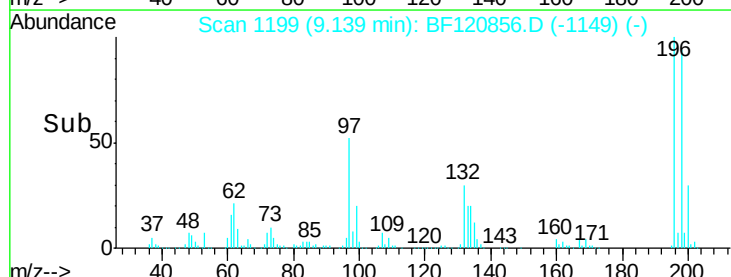
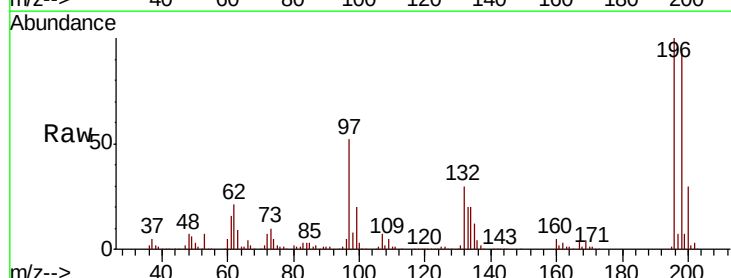
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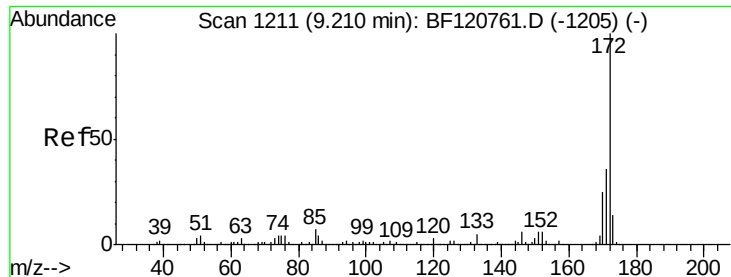
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.948 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	299295		
198	94.0	76.2	114.2	
97	52.5	39.6	59.4	
132	30.0	22.0	33.0	





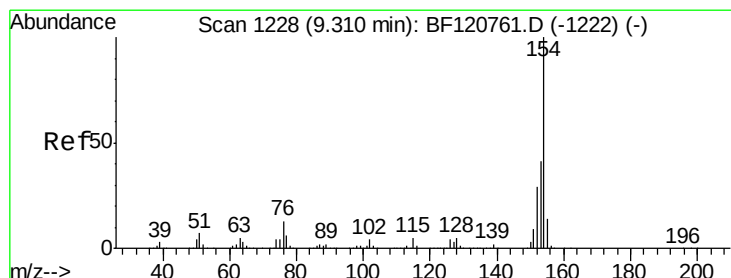
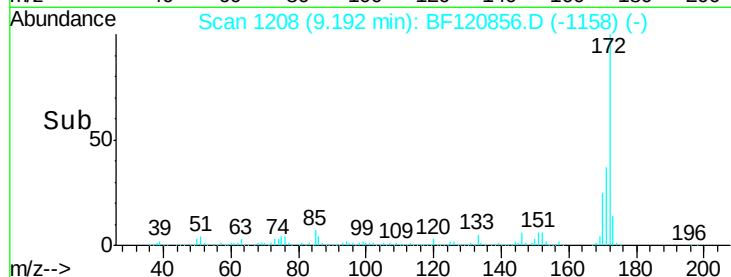
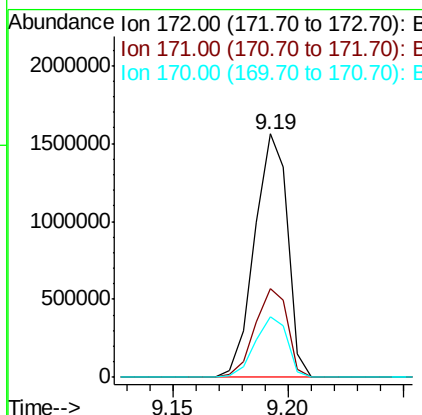
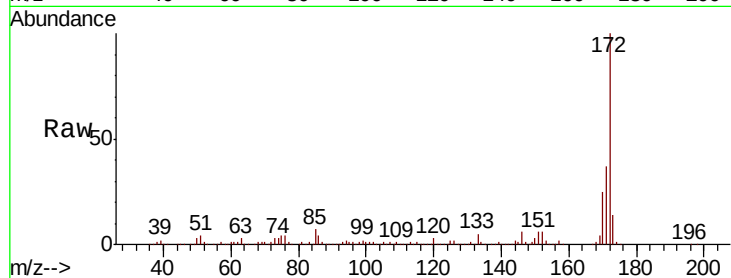
#45
2-Fluorobiphenyl
Concen: 75.311 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.6	19.8	29.6

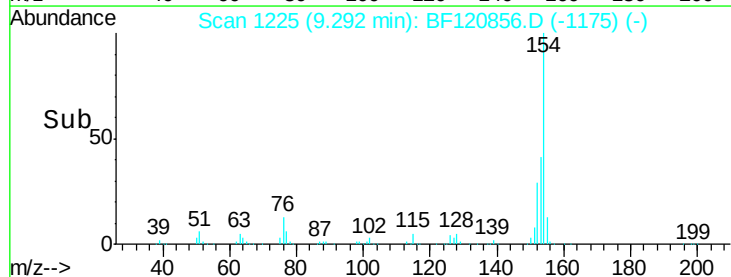
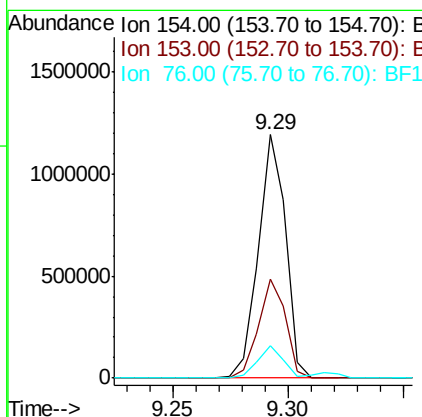
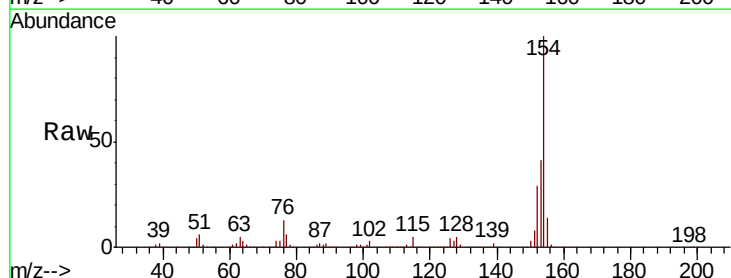
Manual Integrations
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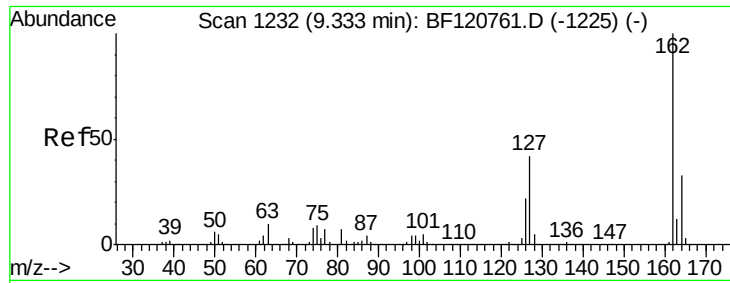
mohammad
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#46
1,1'-Biphenyl
Concen: 39.223 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	13.2	0.0	33.3





#47

2-Chloronaphthalene

Concen: 40.067 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

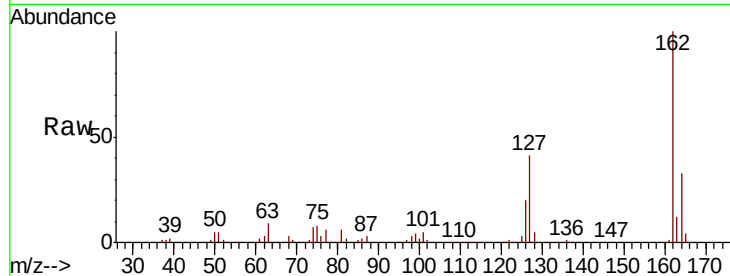
ClientSampleId :

SSTDCCC040

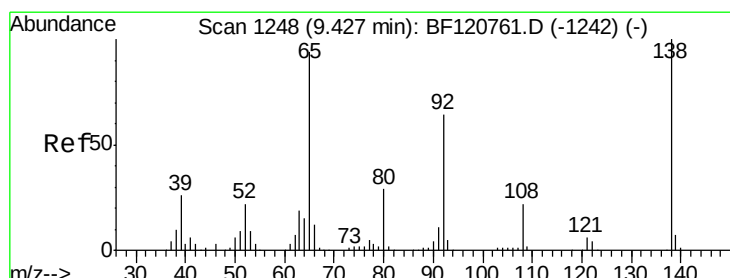
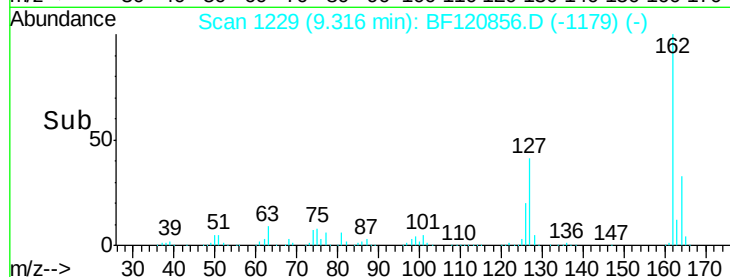
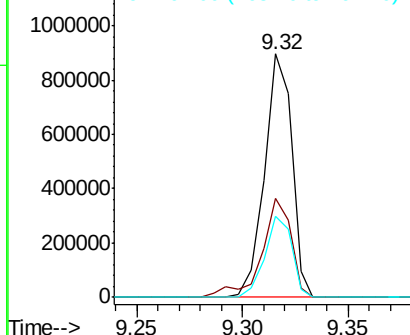
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		808312		
127	40.9	33.7	50.5		
164	33.2	26.4	39.6		

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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: 41.283 ng

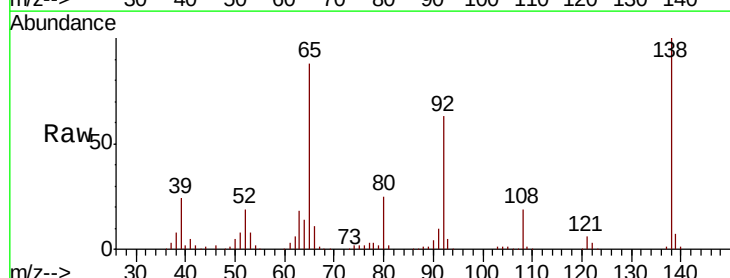
RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

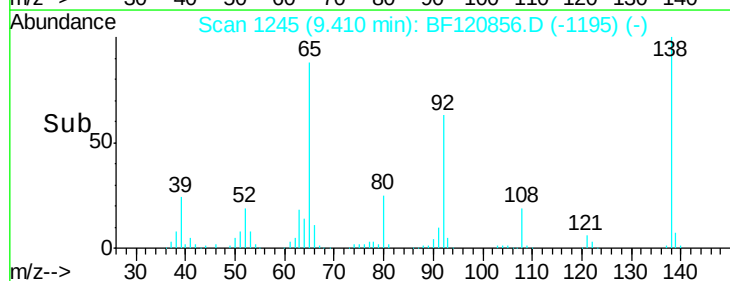
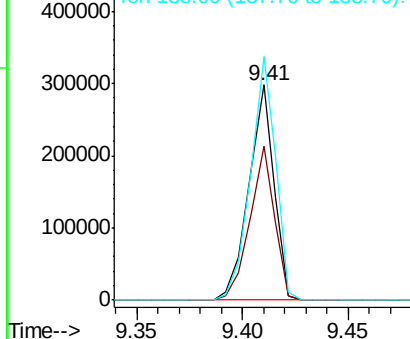
Lab File: BF120856.D

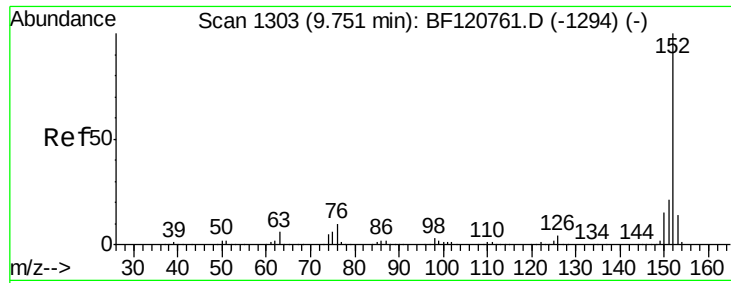
Acq: 14 Jul 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		247035		
92	71.8	54.4	81.6		
138	113.1	84.7	127.1		



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





#49

Acenaphthylene

Concen: 38.442 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1215885

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

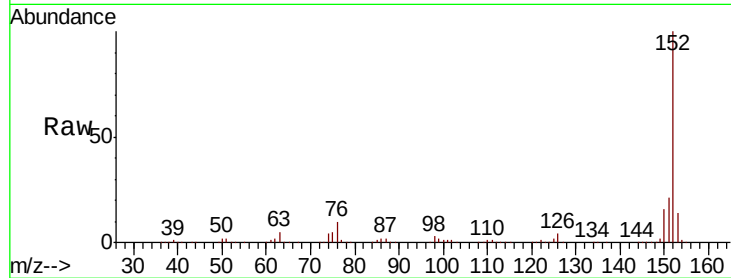
153 13.7 10.8 16.2

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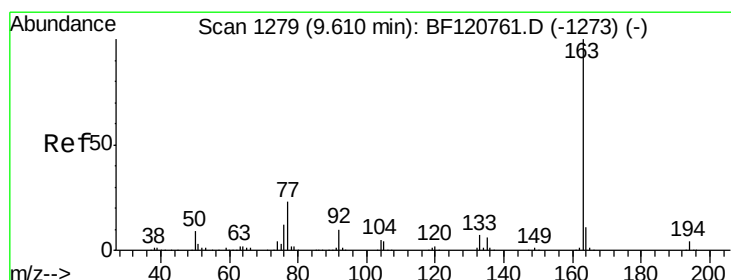
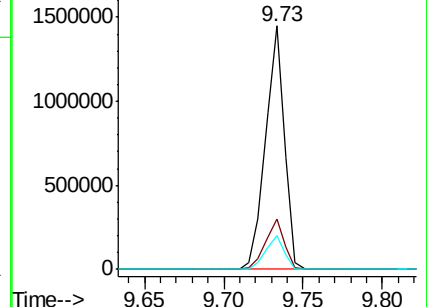
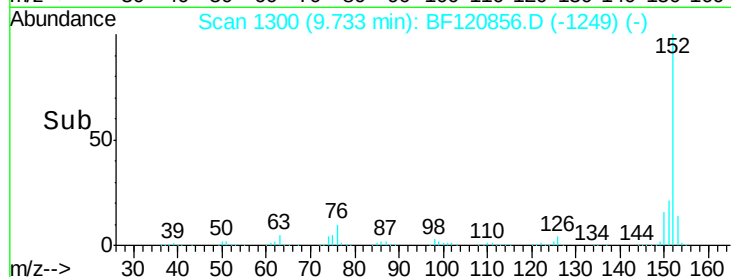
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.032 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

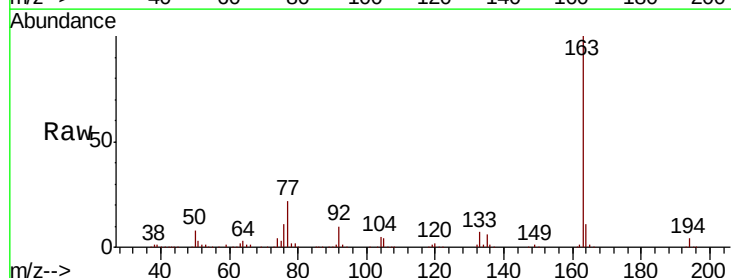
Tgt Ion:163 Resp: 888886

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

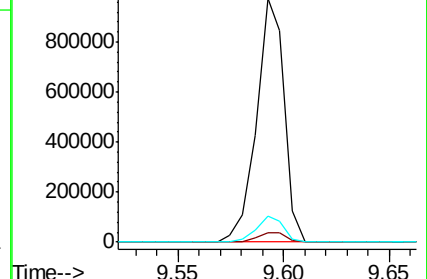
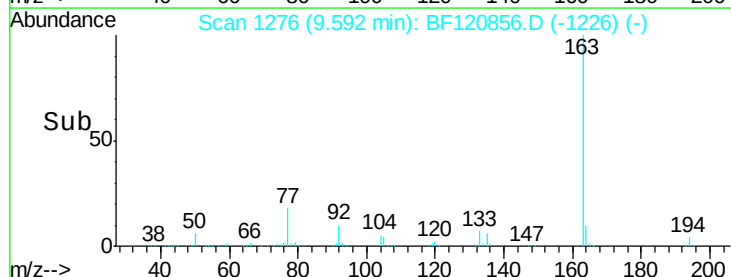
164 10.8 8.5 12.7

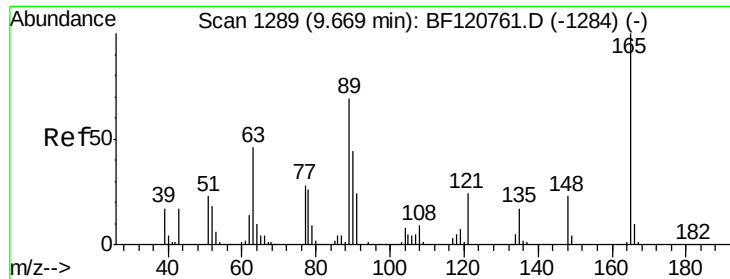


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





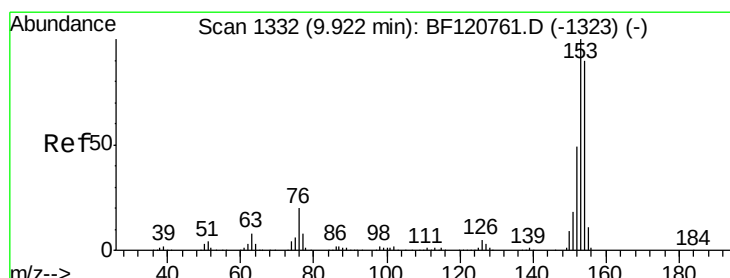
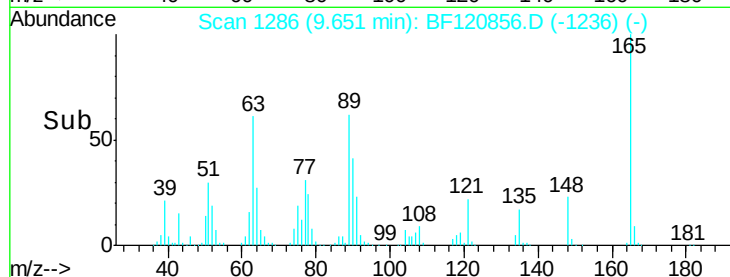
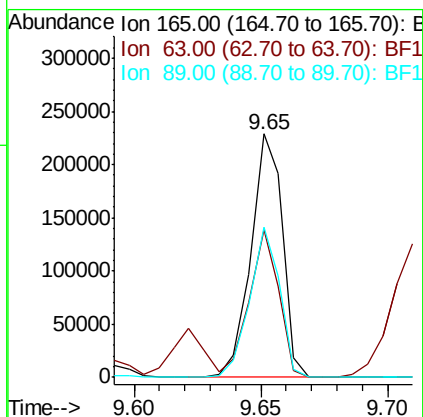
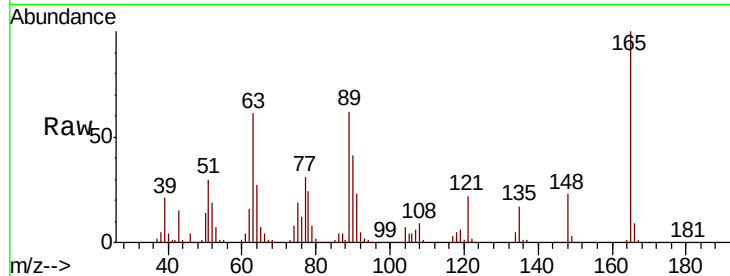
#51
 2,6-Dinitrotoluene
 Concen: 43.843 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197496		
63	60.6	54.0	81.0	
89	61.7	55.4	83.2	

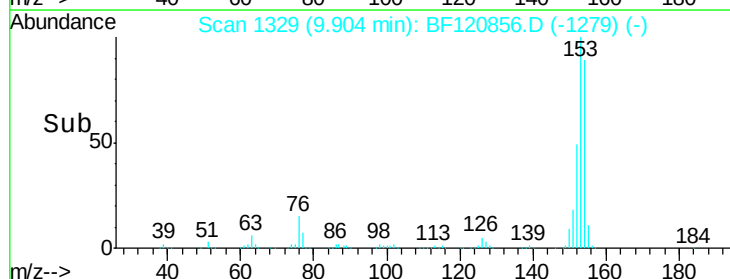
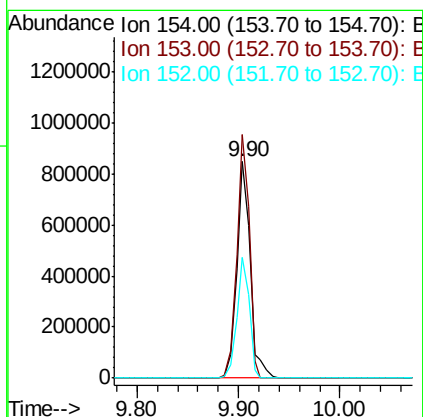
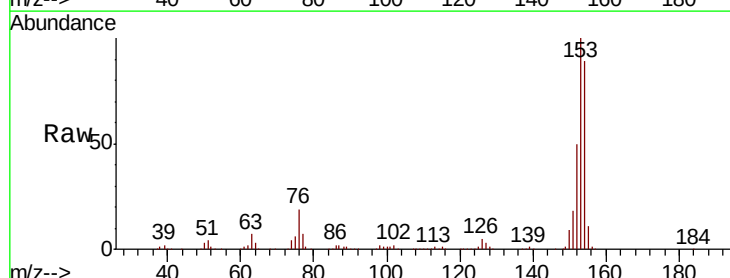
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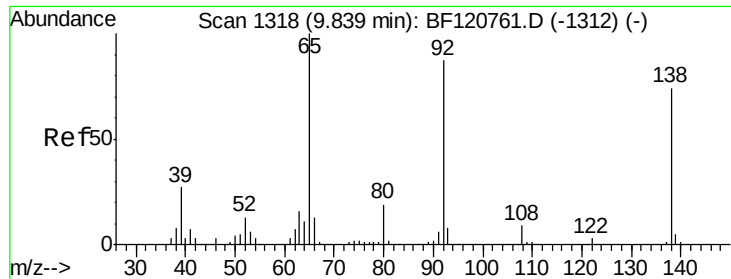
mohammad
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#52
 Acenaphthene
 Concen: 39.349 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	772102		
153	112.5	88.6	132.8	
152	55.7	43.6	65.4	





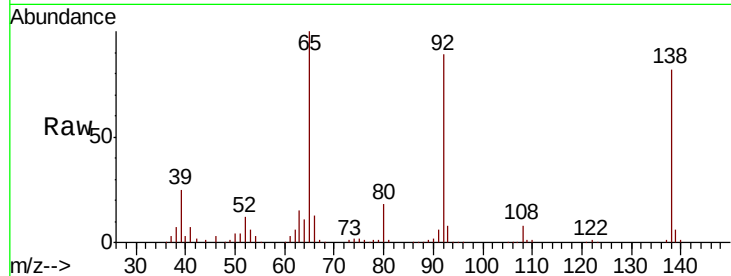
#53
3-Nitroaniline
Concen: 42.392 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.8	14.6#
92	109.0	93.4	140.2

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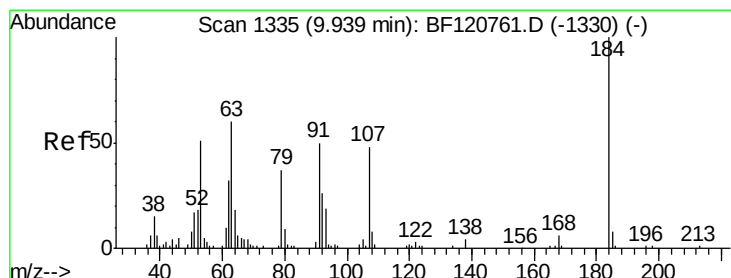
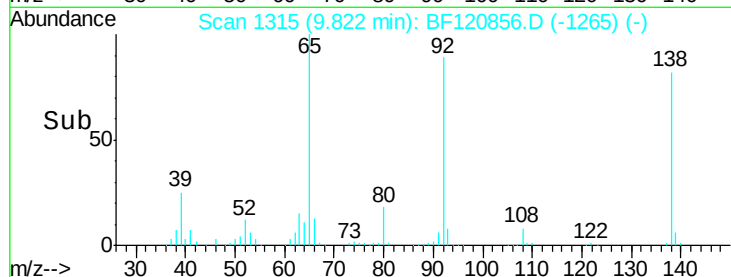
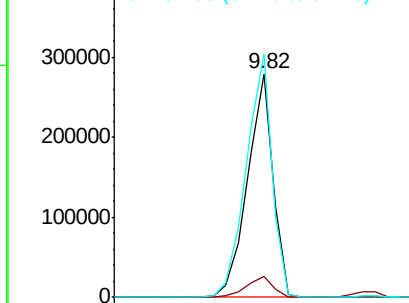


Abundance

Ion 138.00 (137.70 to 138.70): E

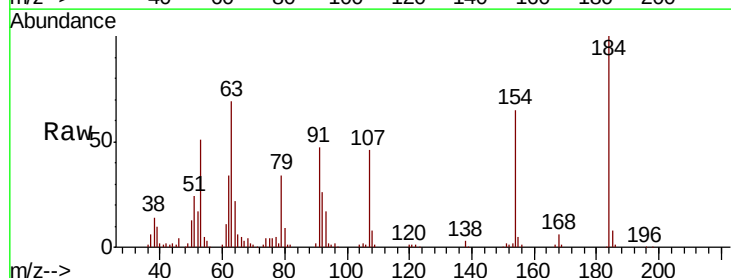
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 51.279 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	57.3	85.9
154	64.5	55.8	83.6

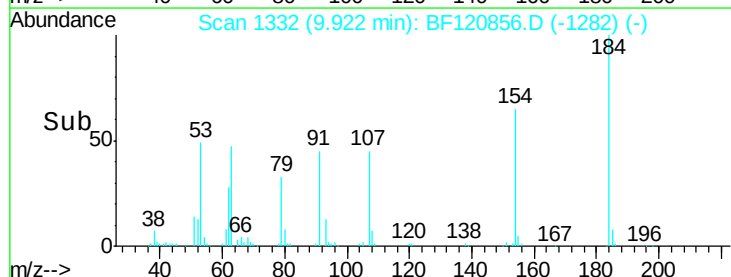
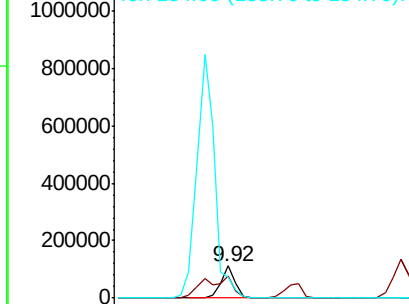


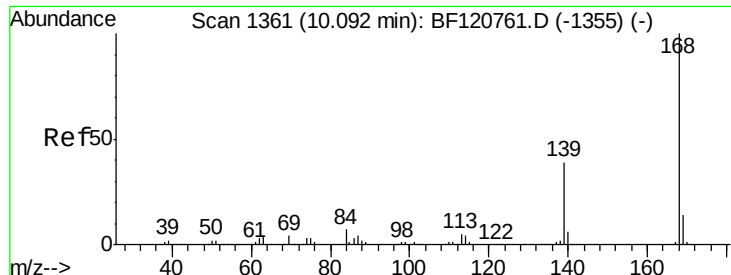
Abundance

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

Dibenzenofuran

Concen: 38.593 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1091561

Ion Ratio Lower Upper

168 100

139 38.3 31.3 46.9

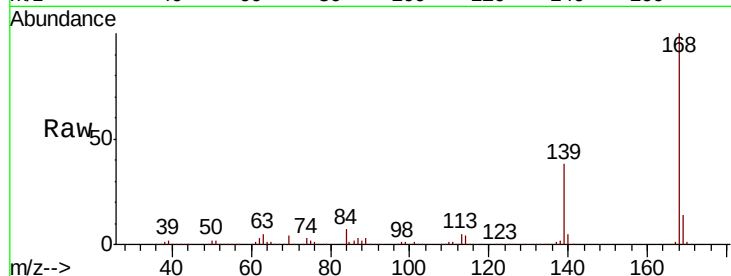
169 14.0 11.2 16.8

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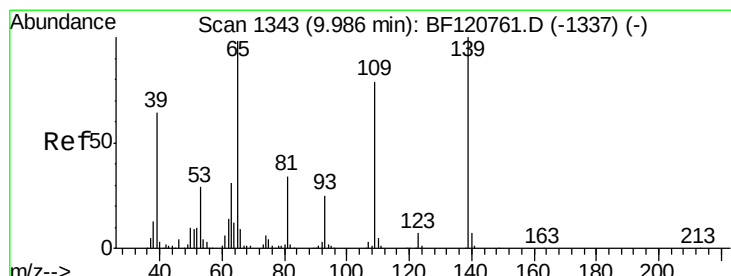
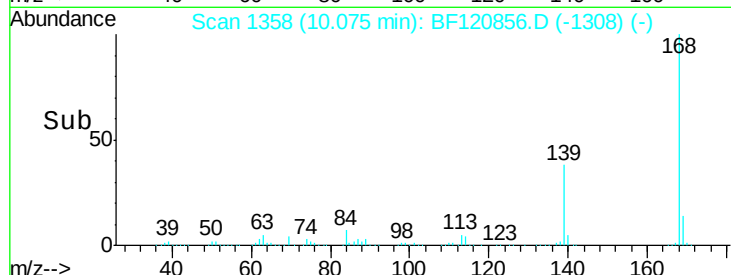
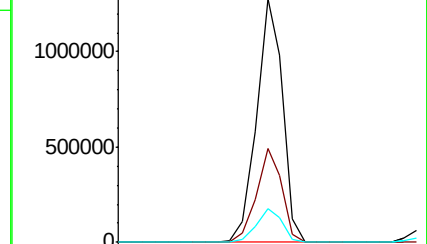
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.487 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

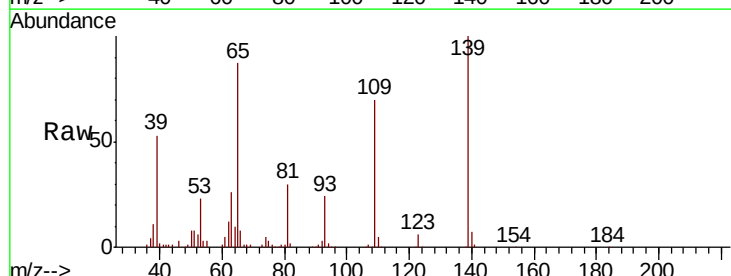
Tgt Ion:139 Resp: 173242

Ion Ratio Lower Upper

139 100

109 70.5 58.6 98.6

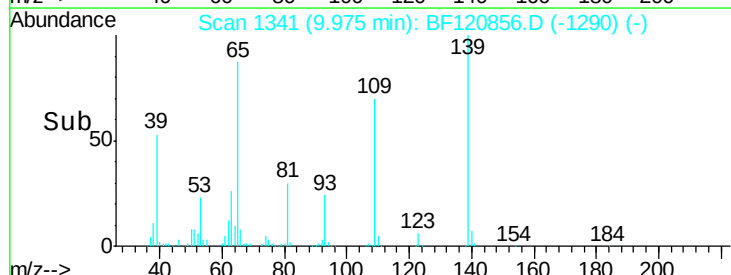
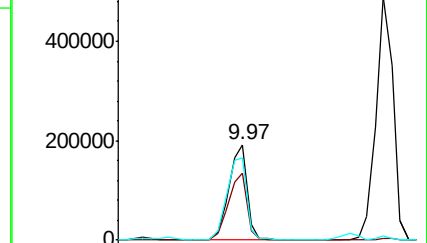
65 86.5 78.7 118.7

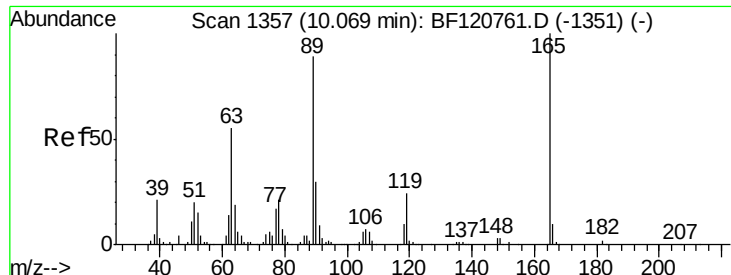


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 45.157 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

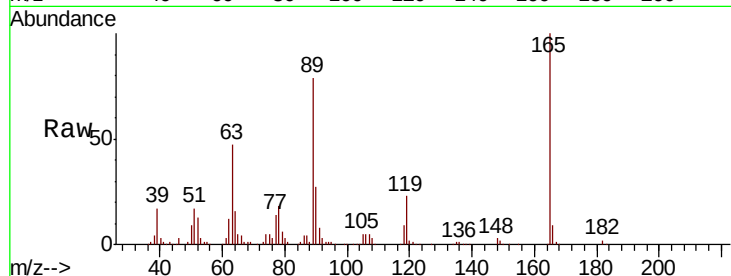
ClientSampleId :

SSTDCCC040

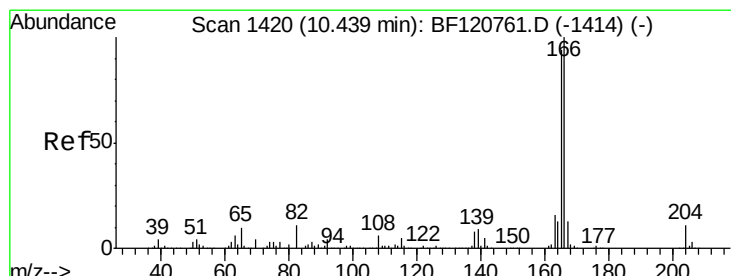
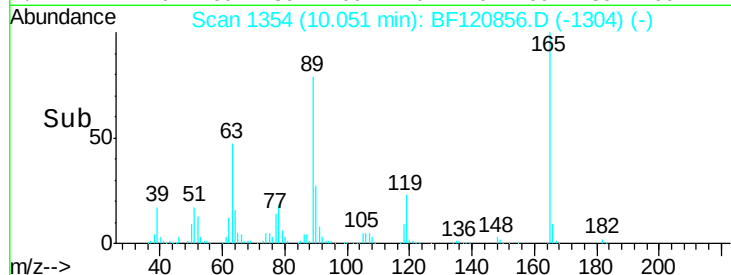
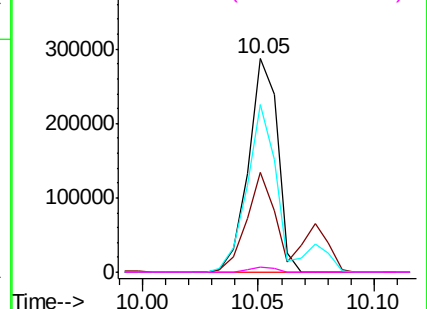
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		253485		
63	46.8		43.8	65.8	
89	78.8		71.4	107.2	
182	2.3		1.8	2.6	

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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 37.240 ng

RT: 10.42 min Scan# 1417

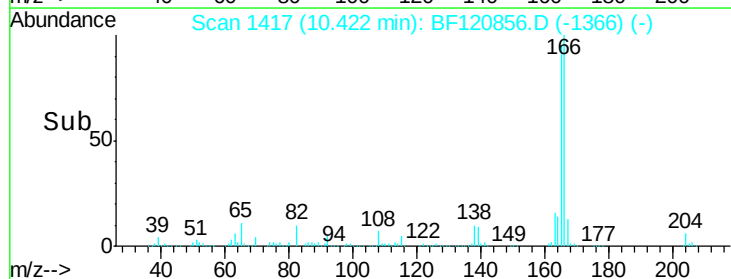
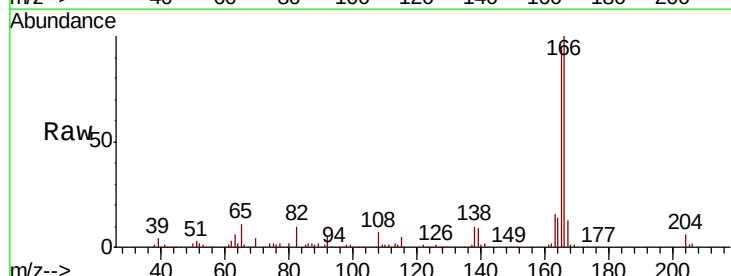
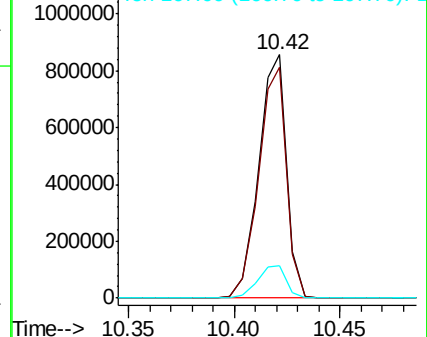
Delta R.T. -0.00 min

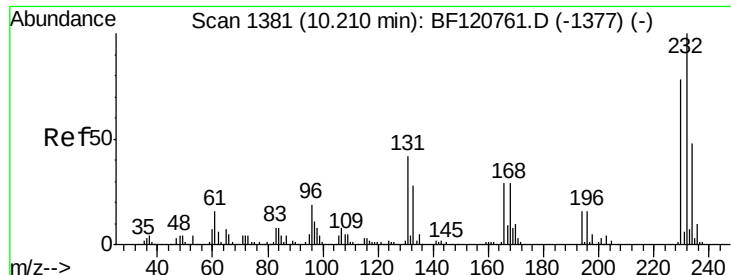
Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		783989		
165	94.8		75.5	113.3	
167	13.4		10.6	16.0	

Abundance Ion 166.00 (165.70 to 166.70): E





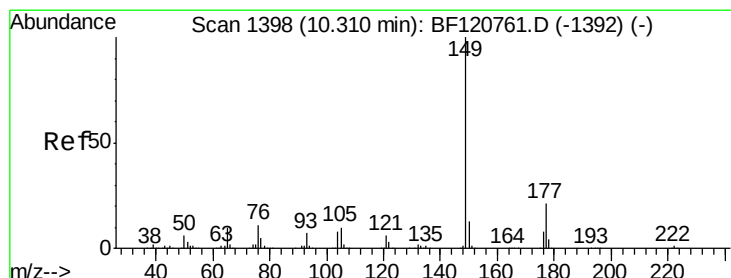
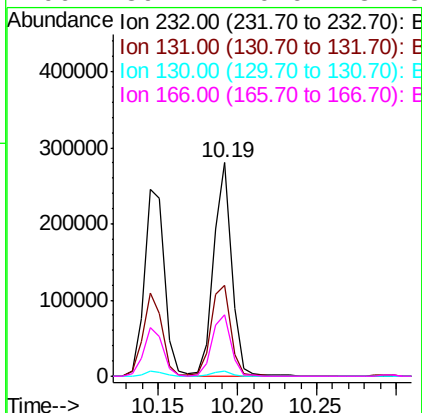
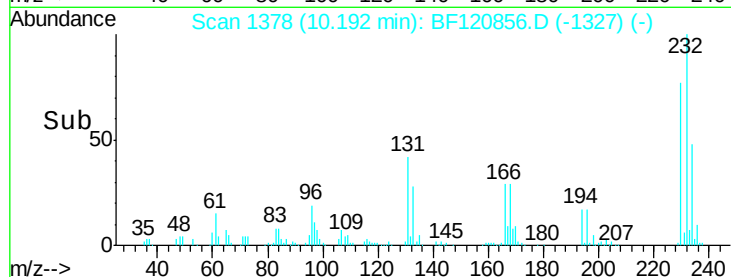
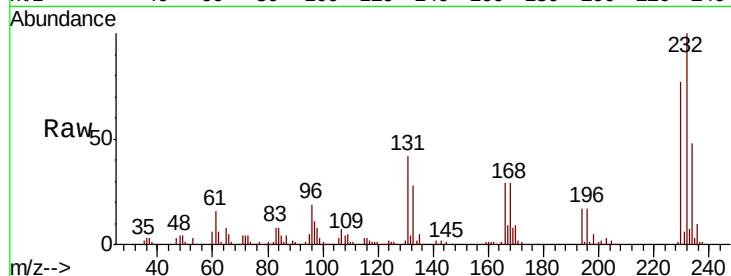
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.538 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	36.3	54.5
130	2.3	2.0	3.0
166	30.7	20.9	31.3

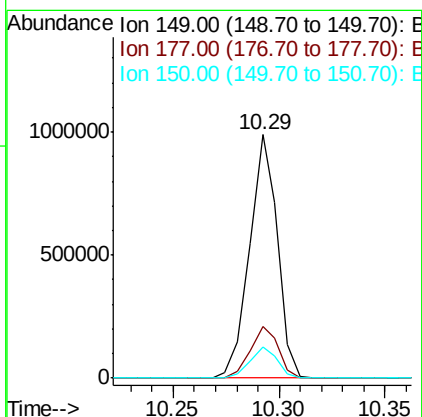
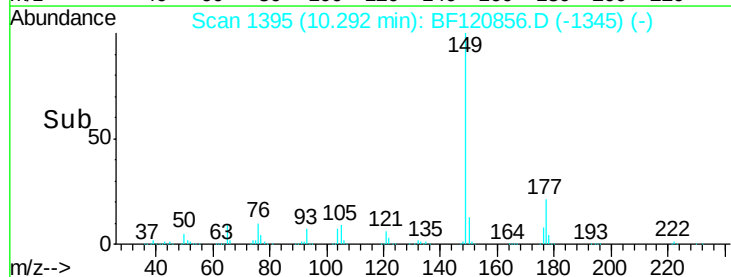
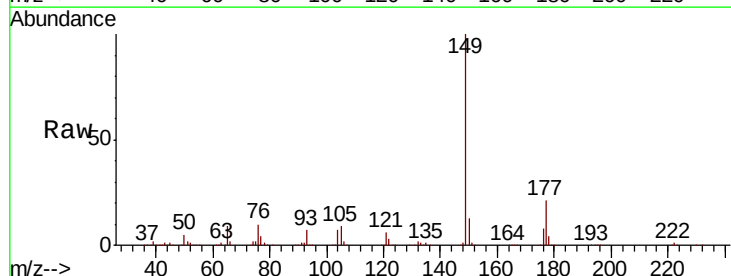
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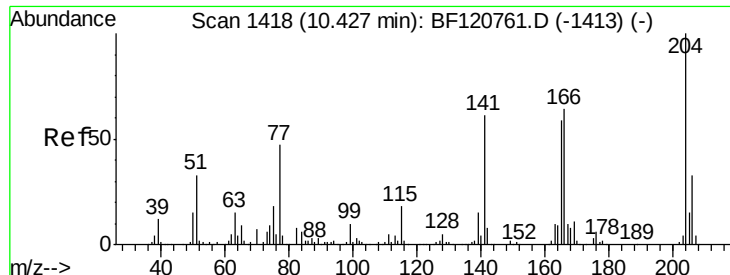
mohammad
7/15/2020 10:59:45 AM



#60
Diethylphthalate
Concen: 38.191 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.4	24.6
150	12.7	10.2	15.4





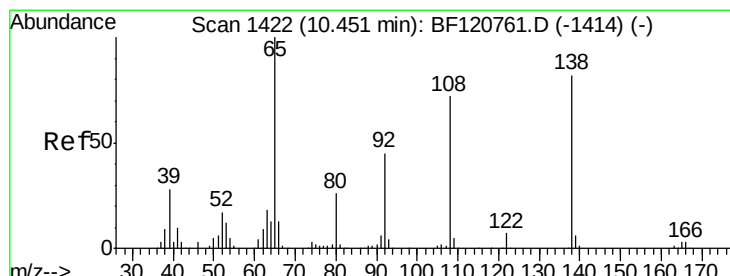
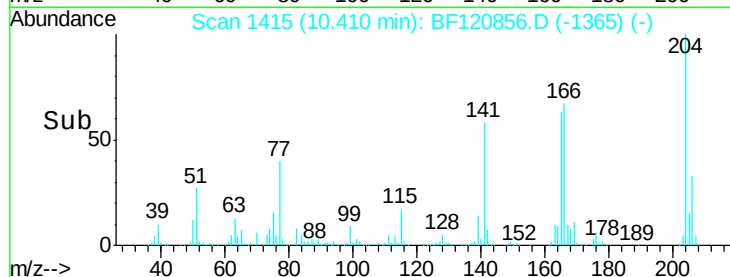
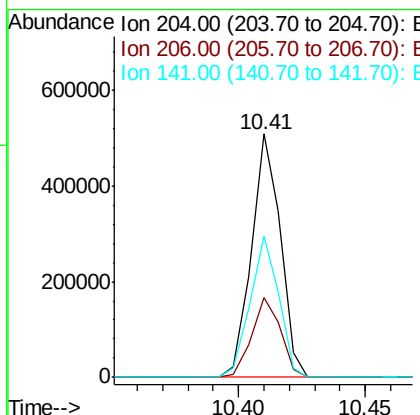
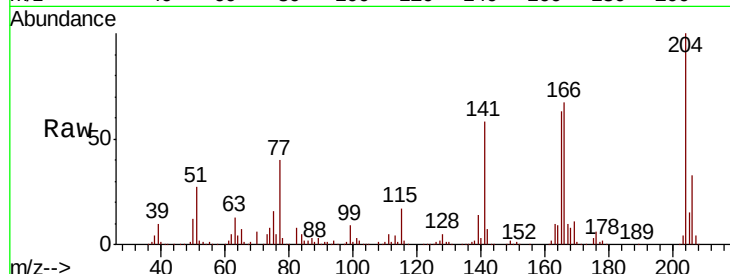
#61
4-Chlorophenyl-phenylether
Concen: 38.111 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	57.7	48.5	72.7

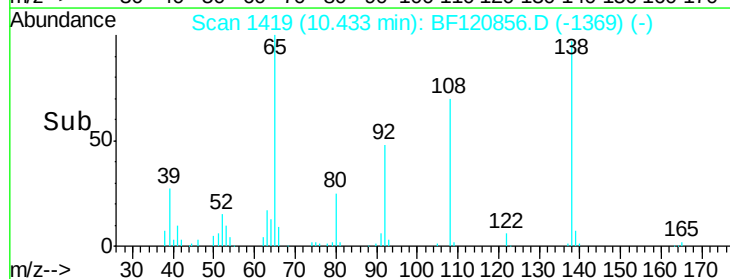
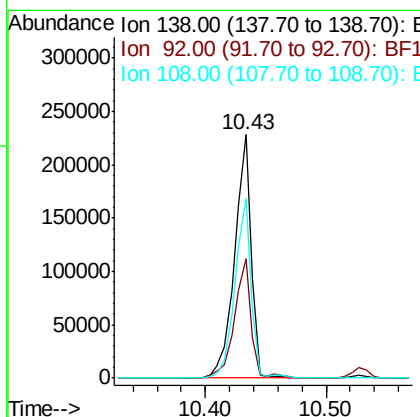
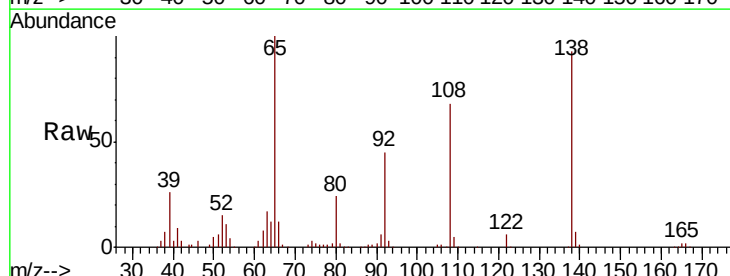
Manual Integrations
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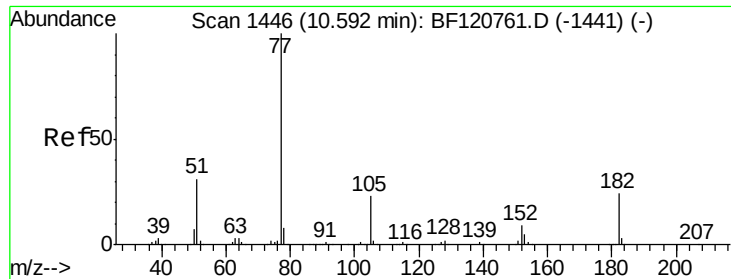
mohammad
7/15/2020 10:59:45 AM



#62
4-Nitroaniline
Concen: 45.316 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	34.3	74.3
108	74.0	68.3	108.3





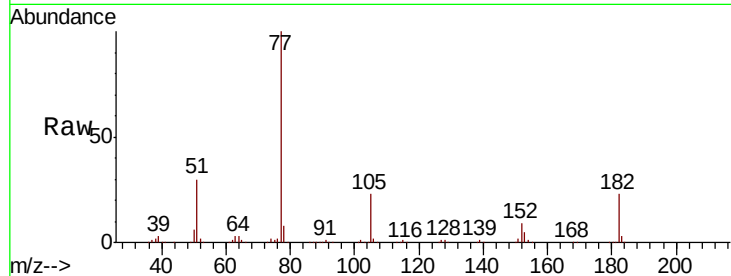
#63
Azobenzene
Concen: 35.989 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

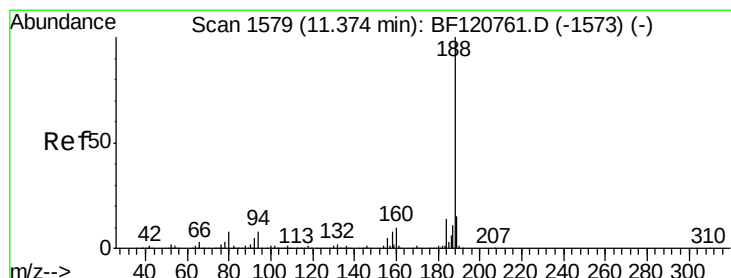
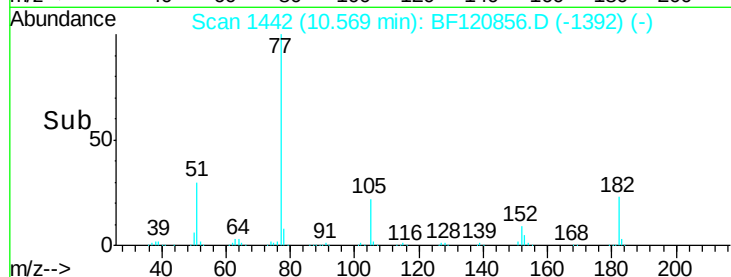
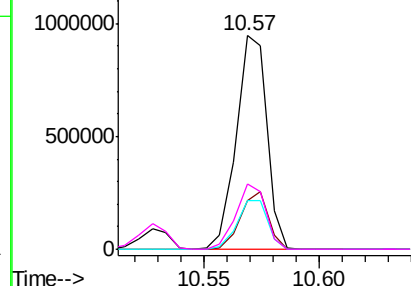
Tot Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.0	44.0
105	22.6	2.6	42.6
51	30.4	11.5	51.5

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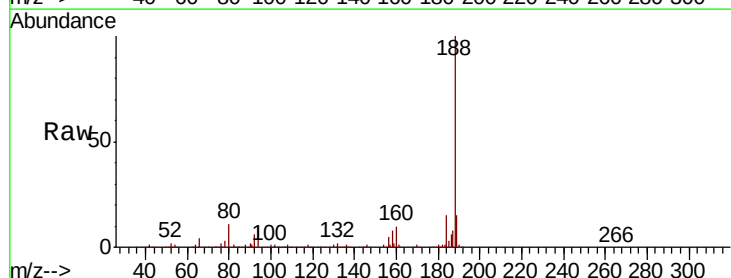


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

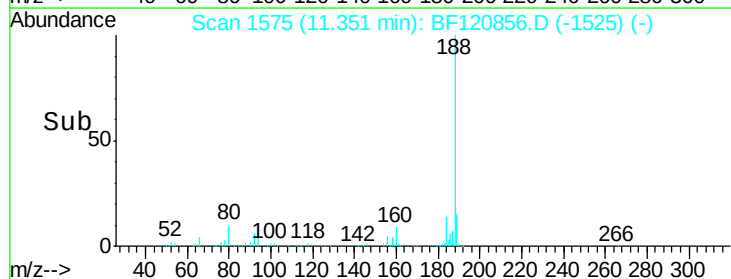
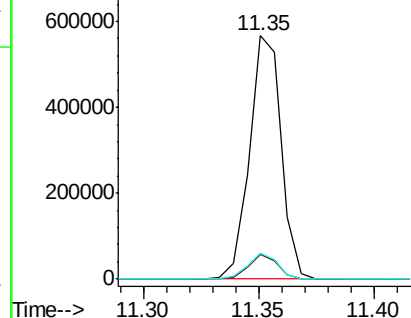


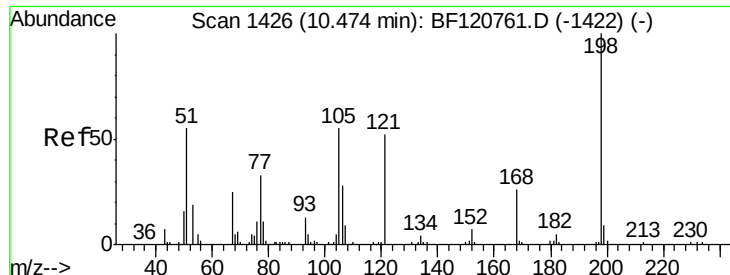
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.6	9.8#
80	10.6	6.6	10.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.460 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 116026

Ion Ratio Lower Upper

198 100

51 38.3 50.0 90.0#

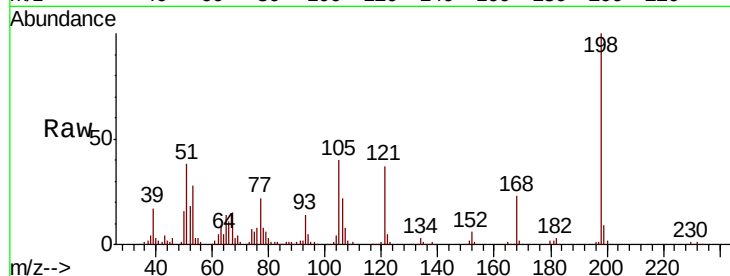
105 40.1 38.3 78.3

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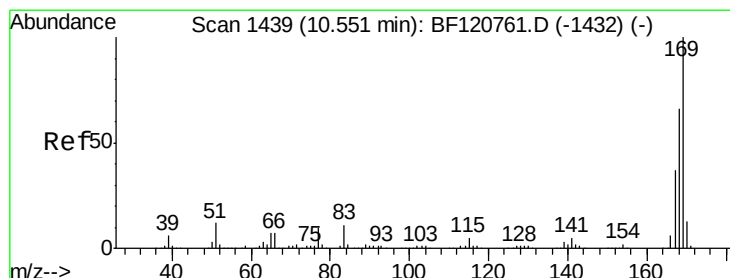
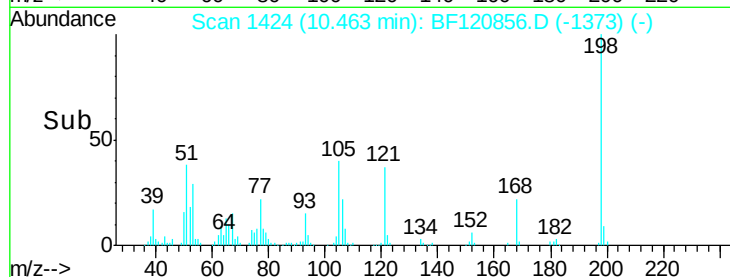
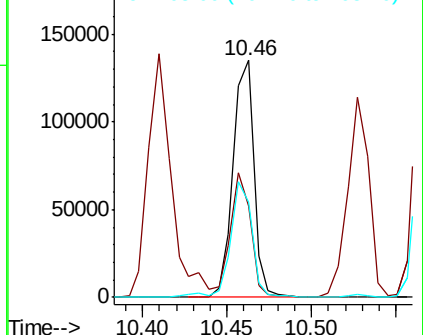
7/15/2020 10:59:45 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.994 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

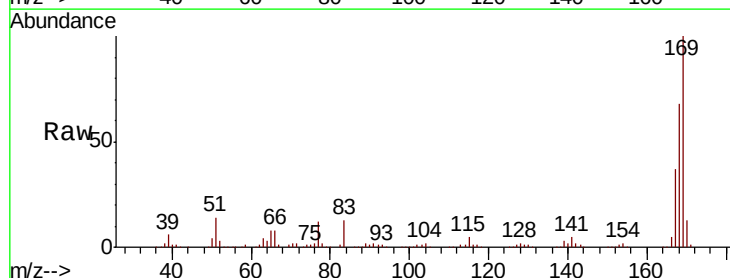
Tgt Ion:169 Resp: 745102

Ion Ratio Lower Upper

169 100

168 67.5 53.1 79.7

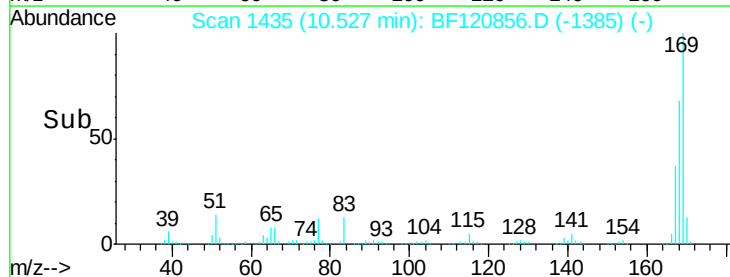
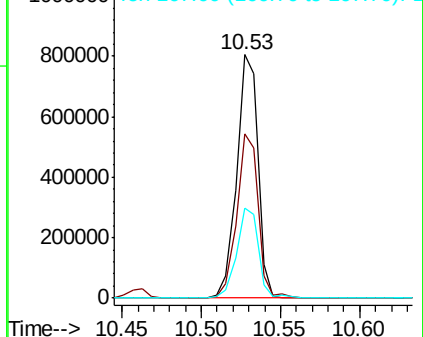
167 37.2 29.6 44.4

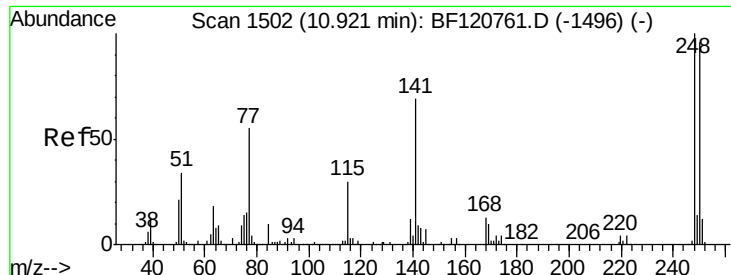


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





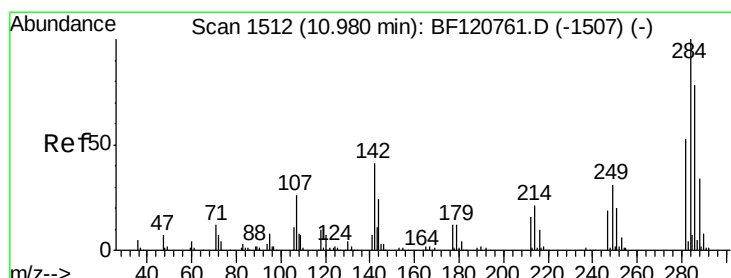
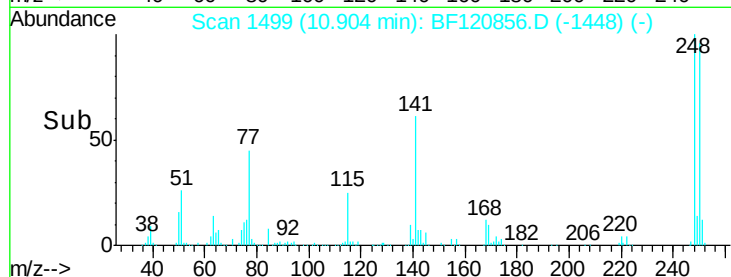
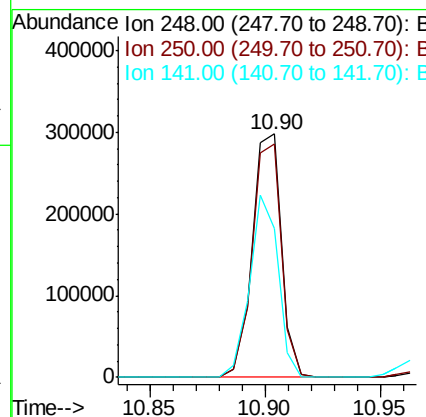
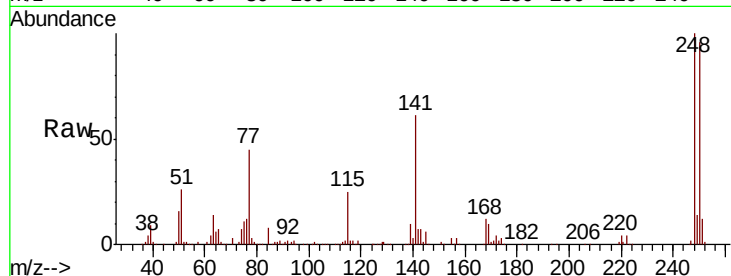
#67
4-Bromophenyl-phenylether
Concen: 42.044 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.5	114.7
141	61.1	54.9	82.3

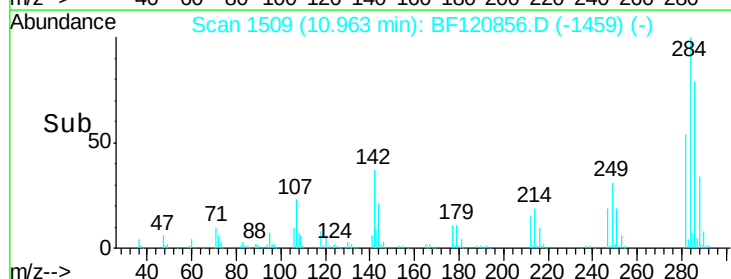
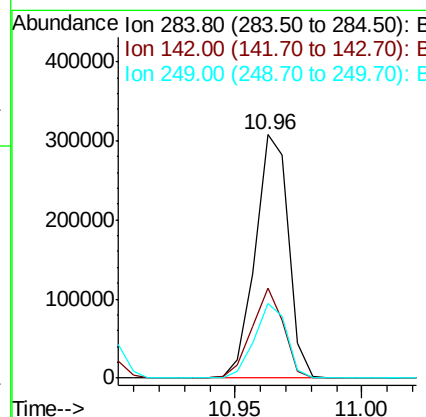
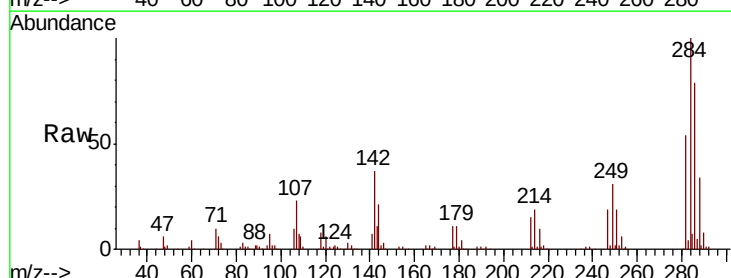
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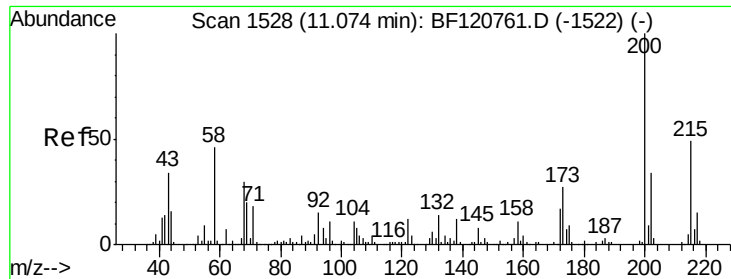
mohammad
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#68
Hexachlorobenzene
Concen: 42.473 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	32.5	48.7
249	30.7	24.8	37.2





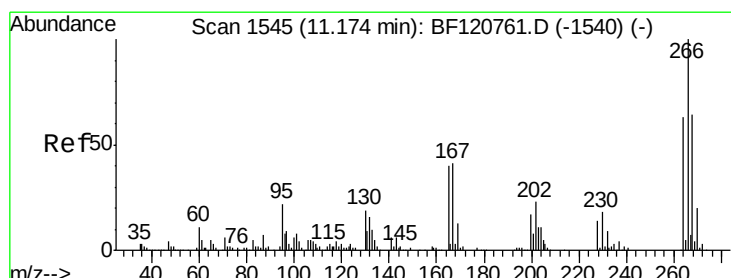
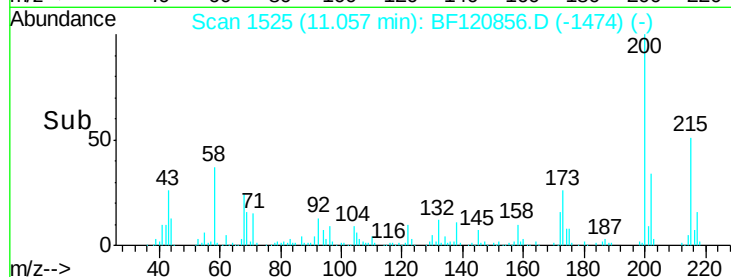
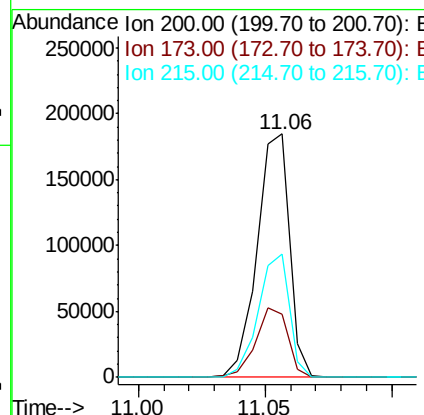
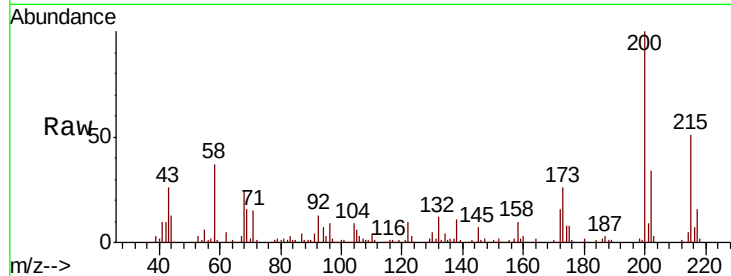
#69
 Atrazine
 Concen: 35.322 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.4	47.4
215	50.8	28.8	68.8

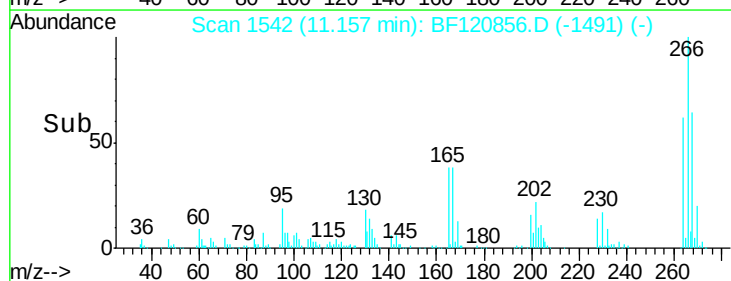
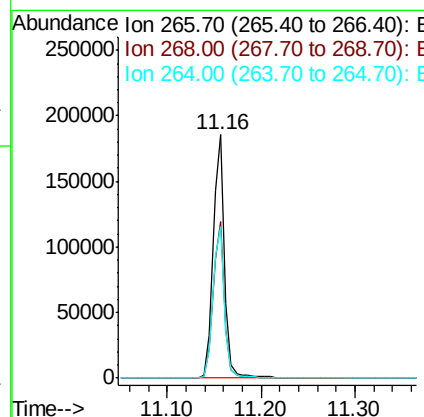
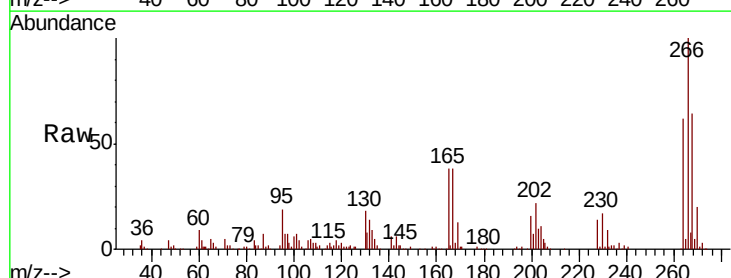
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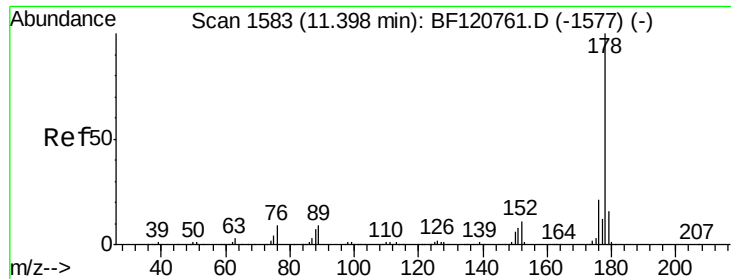
mohammad
 7/15/2020 10:59:45 AM



#70
 Pentachlorophenol
 Concen: 42.515 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.2
264	62.2	50.6	75.8





#71

Phenanthrene

Concen: 39.115 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1150892

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

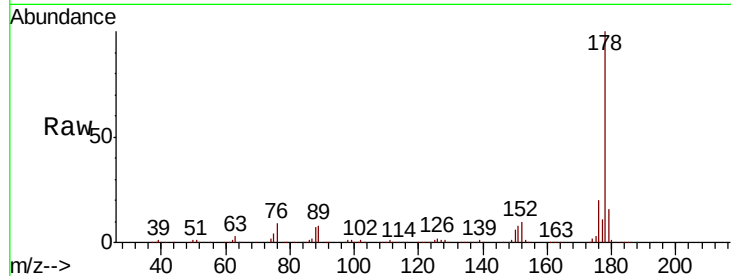
179 15.9 12.9 19.3

Manual Integrations

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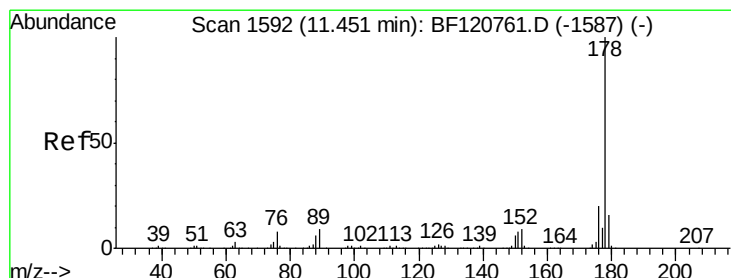
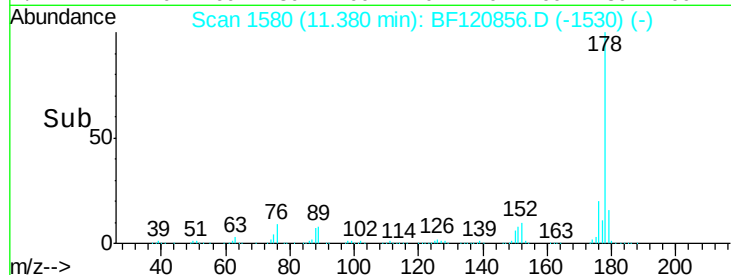
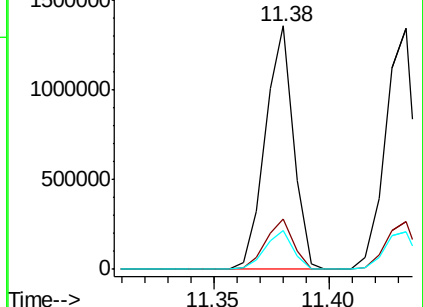
7/15/2020 10:59:45 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.086 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion:178 Resp: 1162104

Ion Ratio Lower Upper

178 100

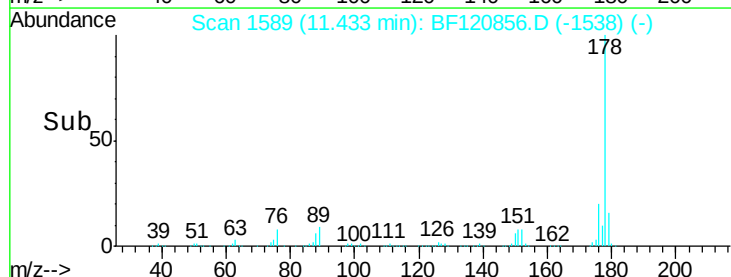
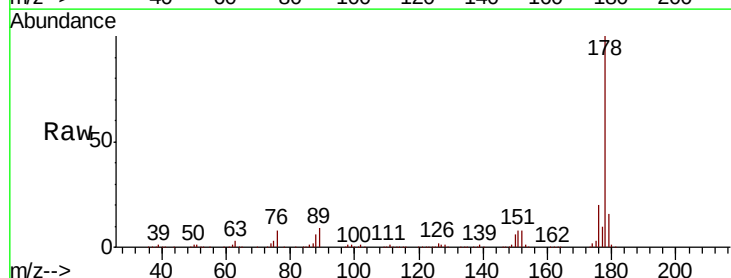
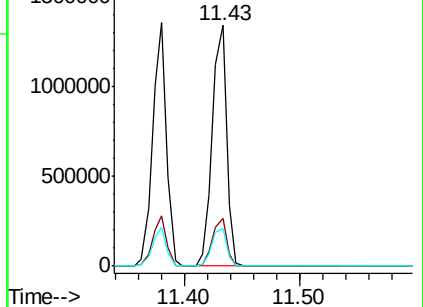
176 19.9 16.2 24.2

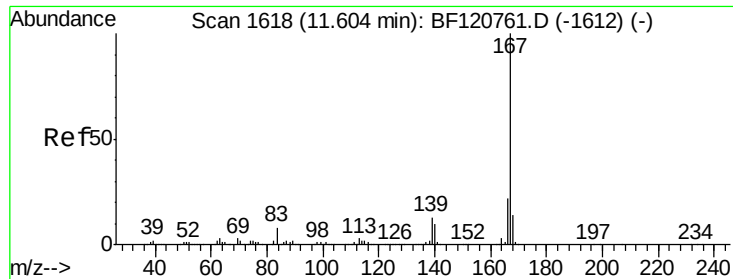
179 15.8 12.7 19.1

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: 38.979 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

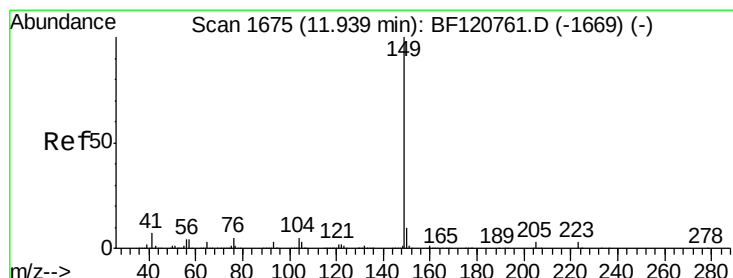
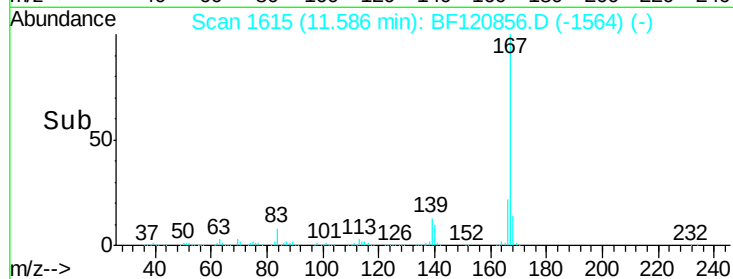
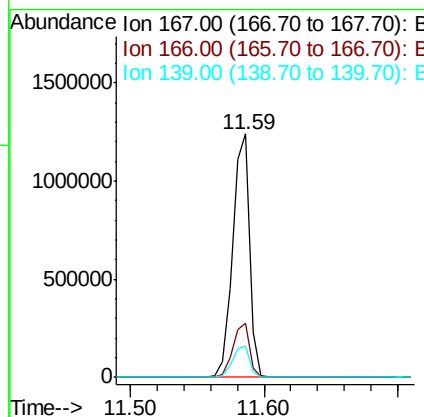
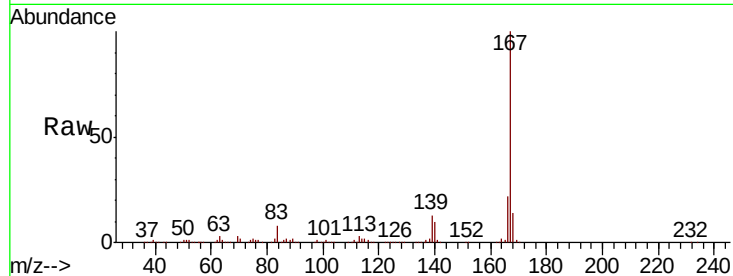
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1113719

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	12.6	10.7	16.1

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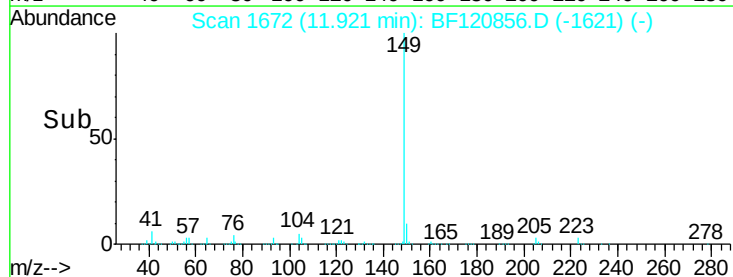
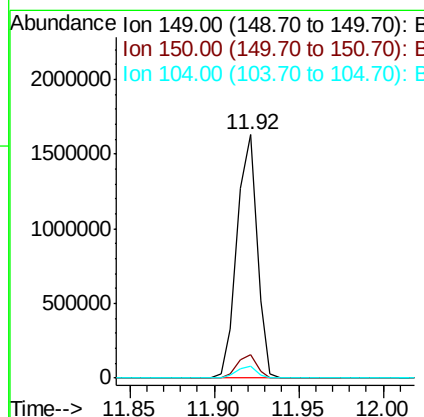
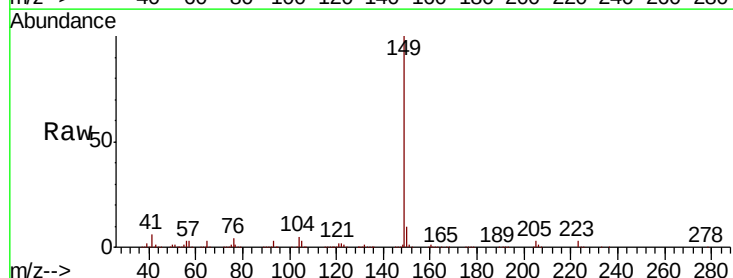
mohammad
 7/15/2020 10:59:45 AM

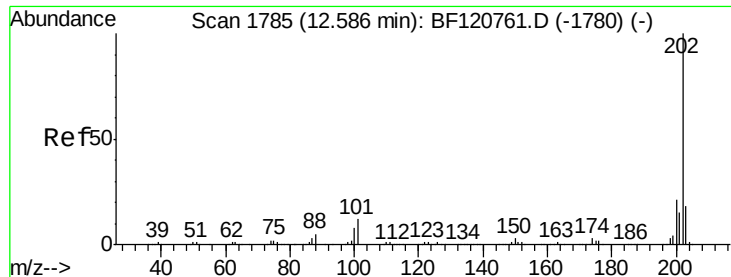


#74
 Di-n-butylphthalate
 Concen: 38.047 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion:149 Resp: 1345888

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.8	4.0	6.0





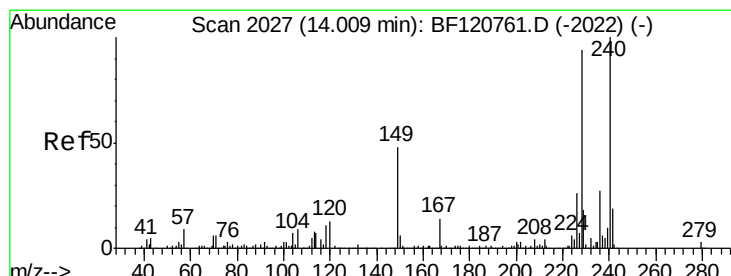
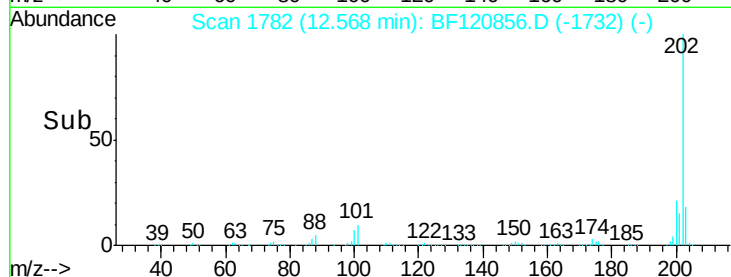
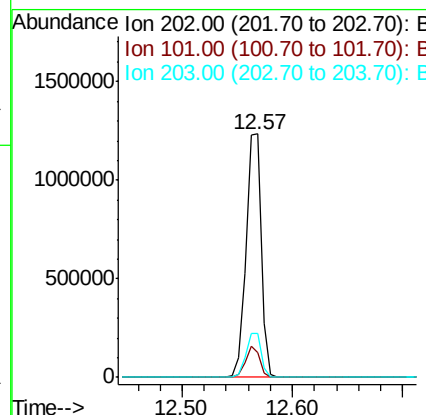
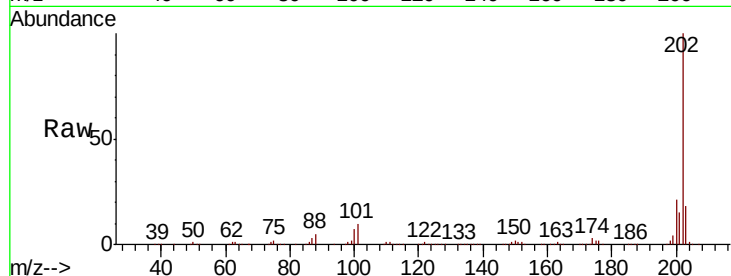
#75
Fluoranthene
Concen: 38.322 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1201147		
101	10.1	0.0	31.6	
203	17.9	0.0	38.2	

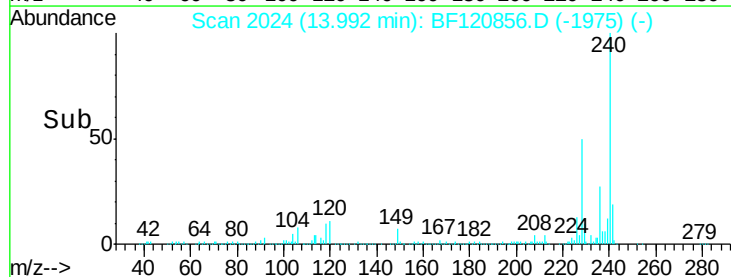
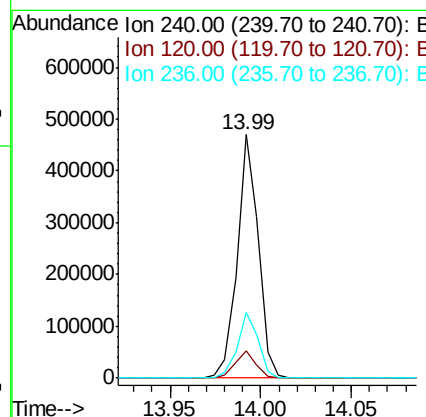
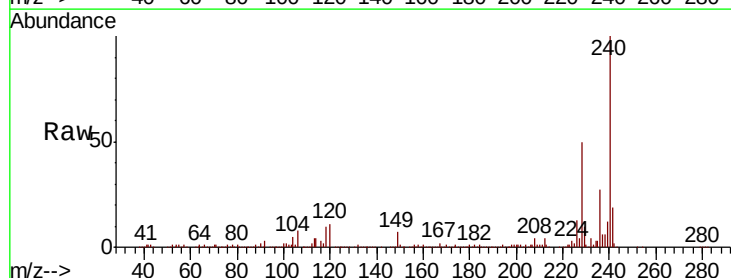
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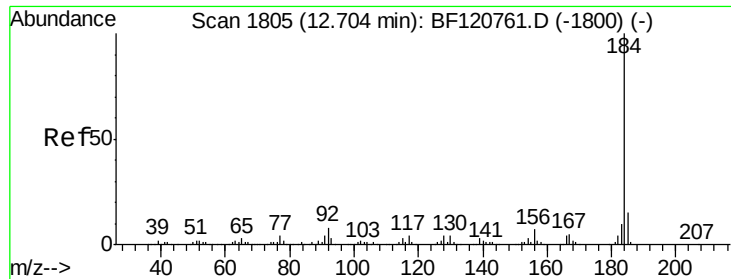
mohammad
7/15/2020 10:59:45 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	380418		
120	11.4	10.3	15.5	
236	27.2	21.4	32.2	





#77

Benzidine

Concen: 37.769 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

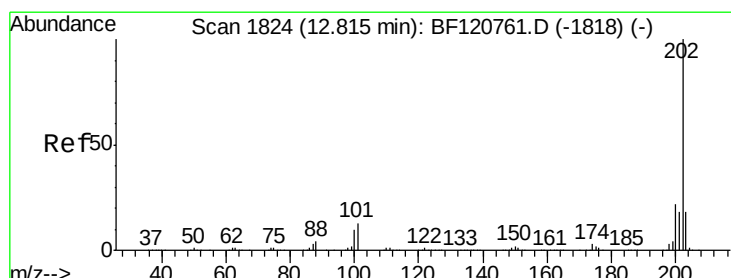
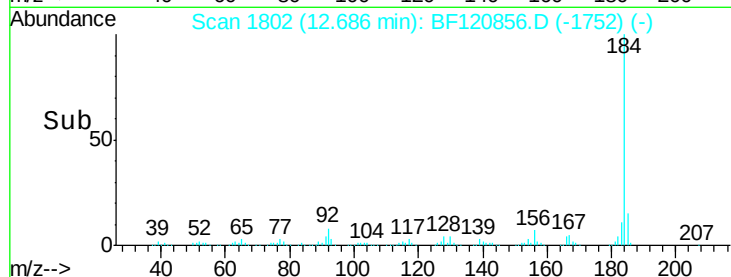
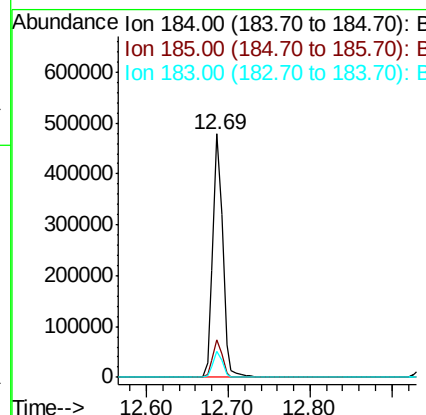
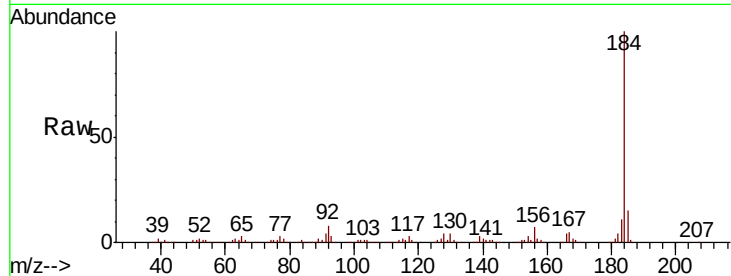
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	405548
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.8	17.8
183	10.7	8.3	12.5

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#78

Pyrene

Concen: 40.369 ng

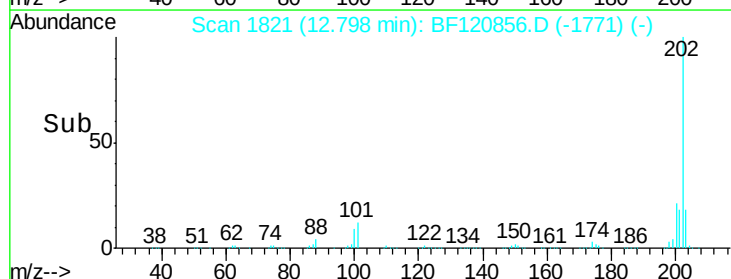
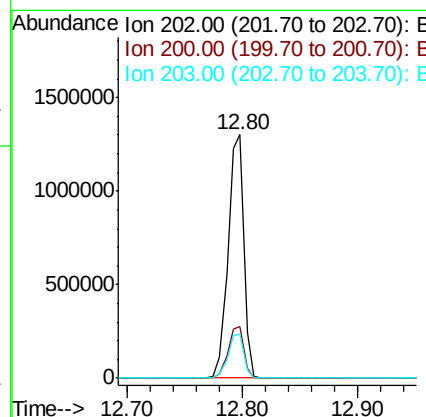
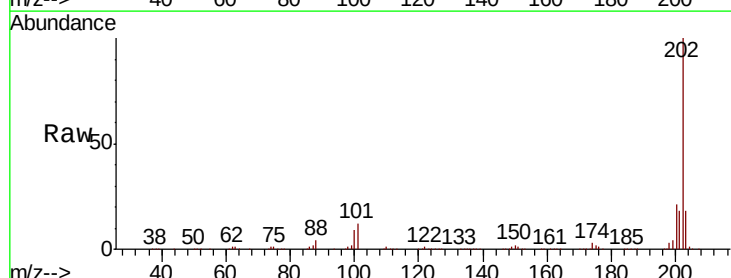
RT: 12.80 min Scan# 1821

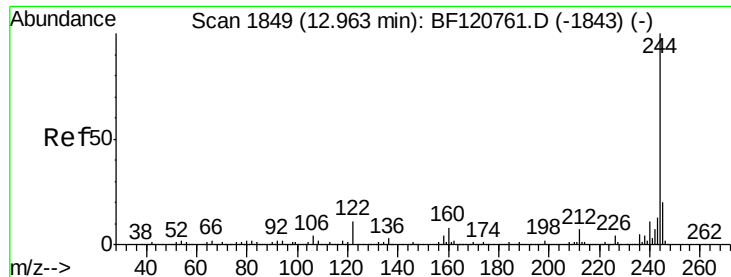
Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion:	202	Resp:	1226509
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.3	25.9
203	18.2	14.6	22.0





#79

Terphenyl-d14

Concen: 79.016 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1535283

Ion Ratio Lower Upper

244 100

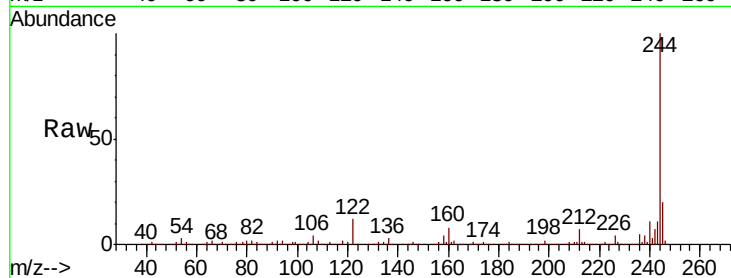
212 7.0 5.6 8.4

122 11.7 9.0 13.4

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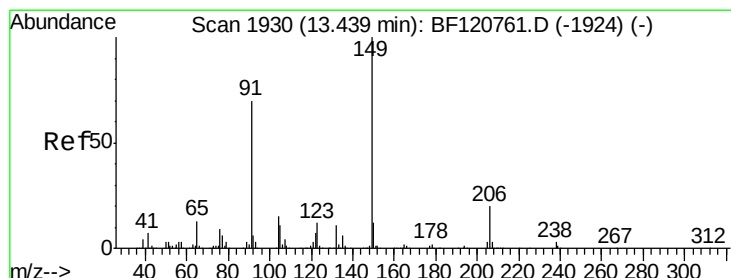
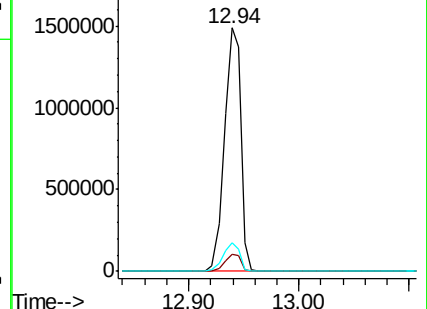
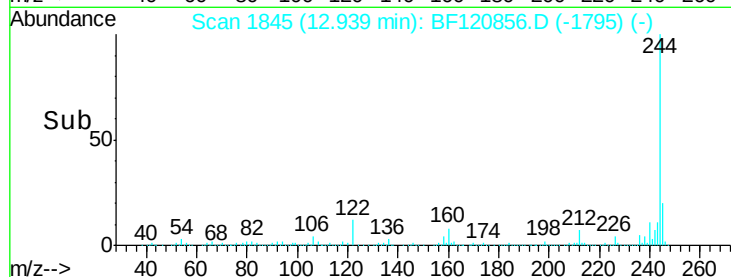
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.781 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

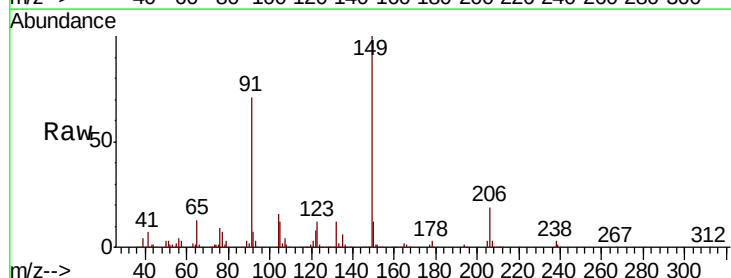
Tgt Ion:149 Resp: 534930

Ion Ratio Lower Upper

149 100

91 70.8 55.8 83.8

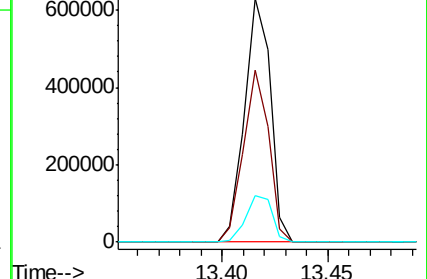
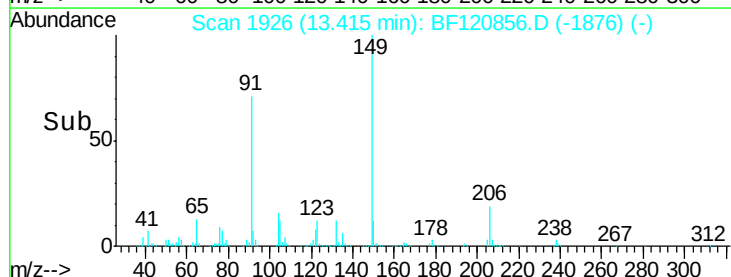
206 19.3 15.7 23.5

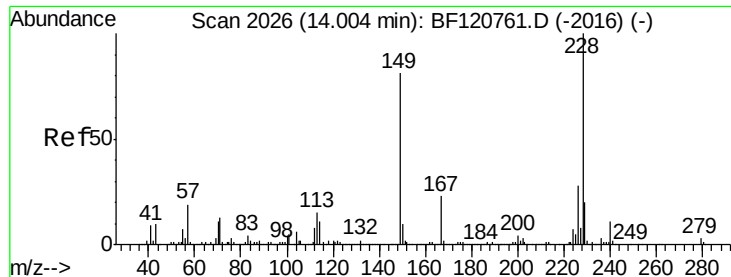


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.069 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Instrument :

BNA_F

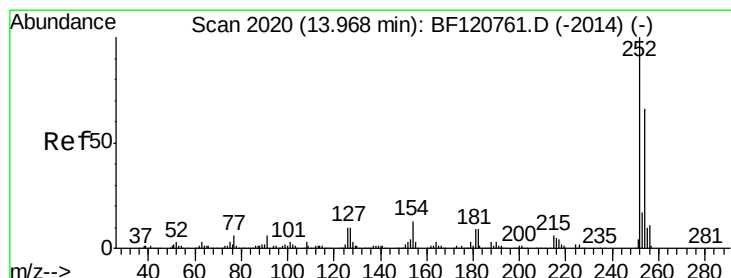
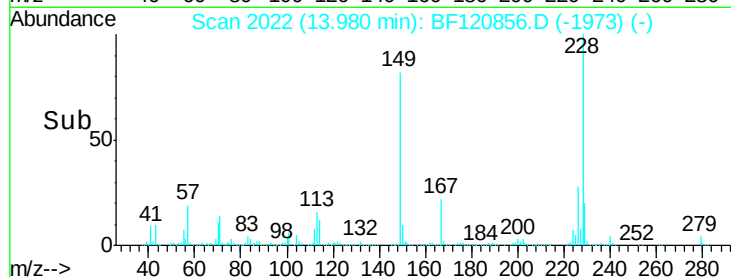
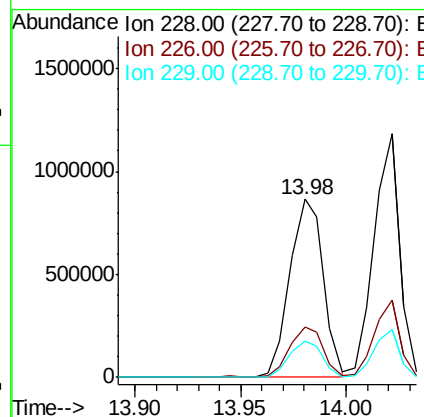
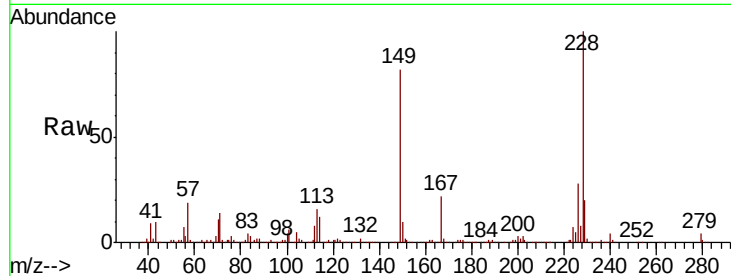
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	952703
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 42.698 ng

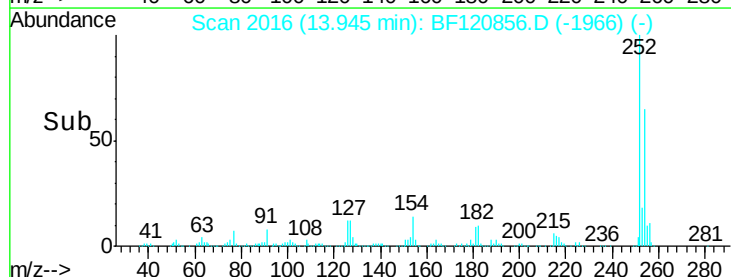
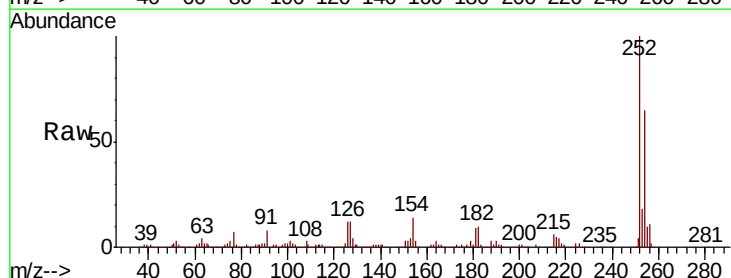
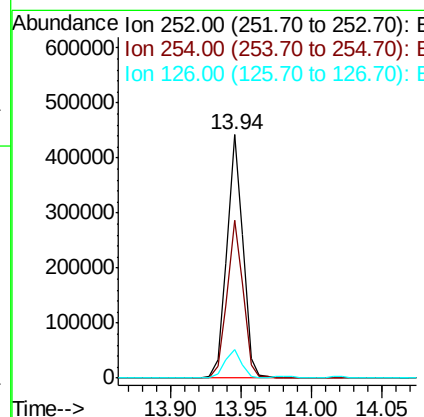
RT: 13.94 min Scan# 2016

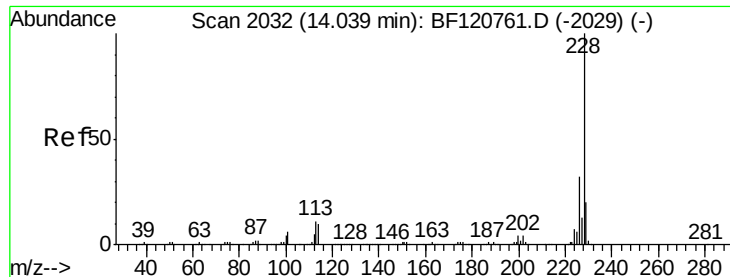
Delta R.T. -0.01 min

Lab File: BF120856.D

Acq: 14 Jul 2020 12:44

Tgt Ion:	252	Resp:	351372
Ion Ratio	Lower	Upper	
252	100		
254	65.0	52.6	78.8
126	11.9	7.8	11.8#





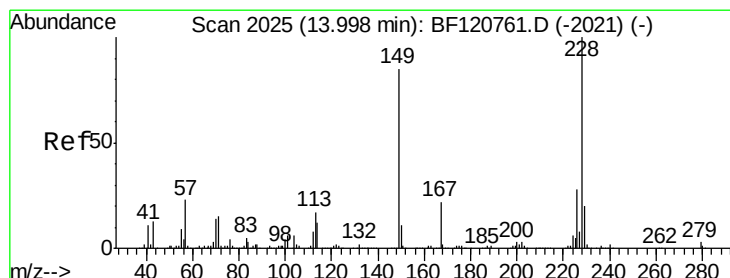
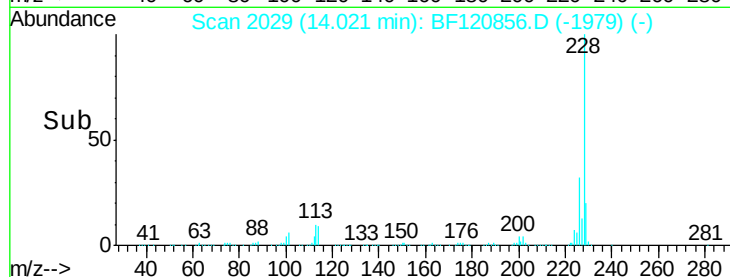
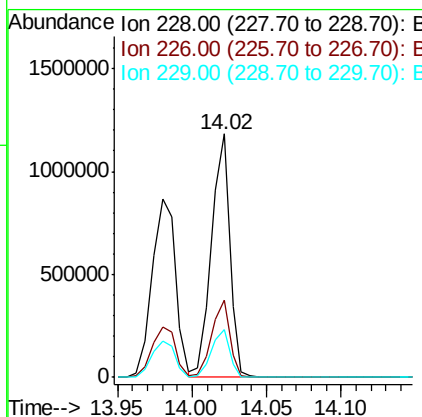
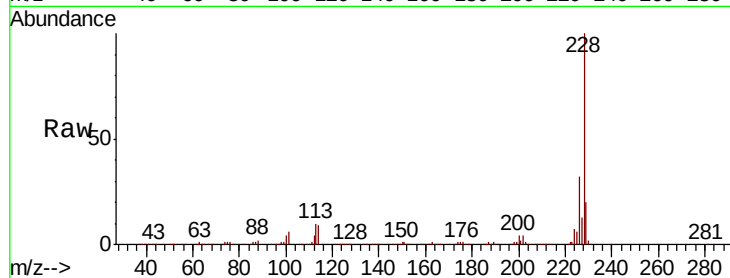
#83
 Chrysene
 Concen: 40.513 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	19.7	16.3	24.5

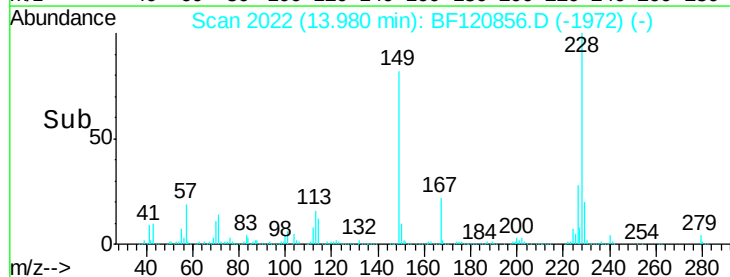
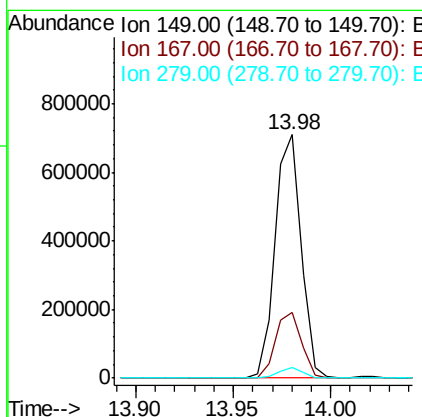
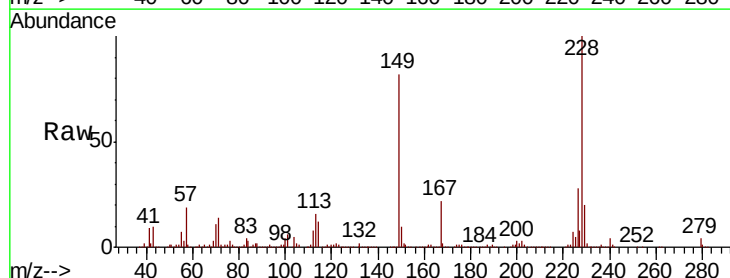
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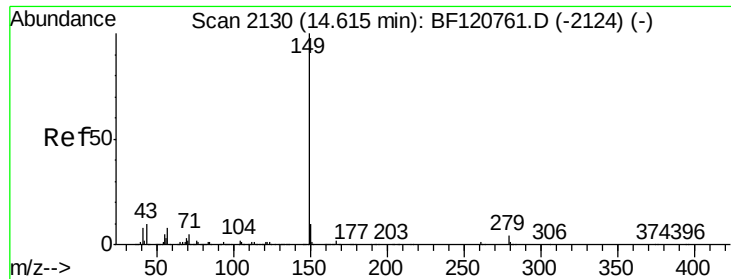
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.103 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120856.D
 Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.9	31.3
279	4.3	2.6	4.0#





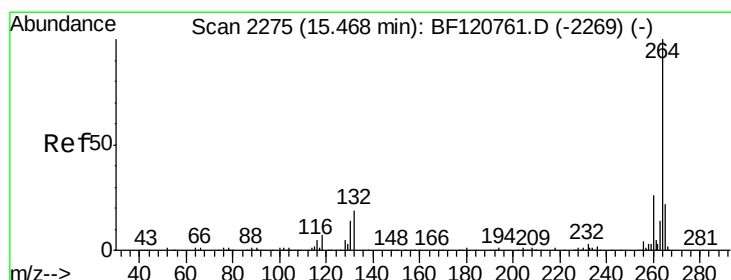
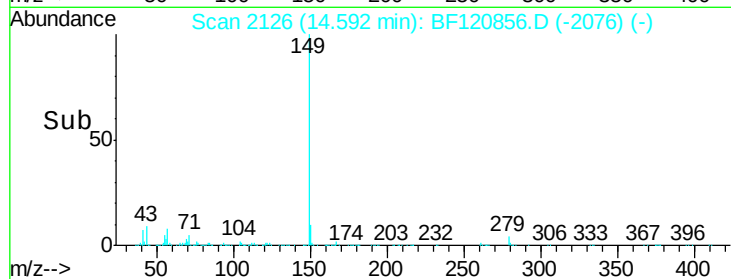
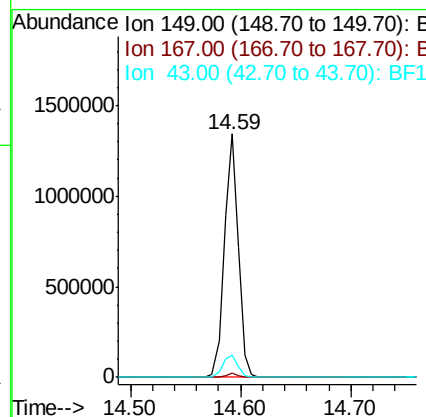
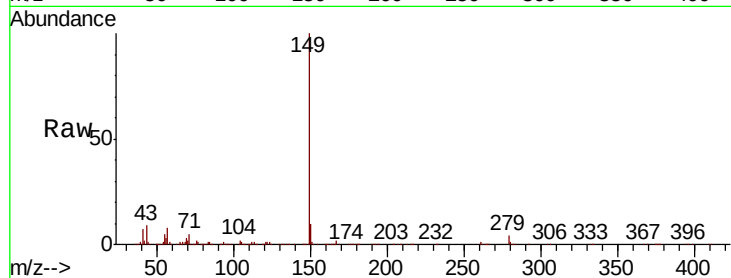
#85
Di-n-octyl phthalate
Concen: 38.561 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.3	8.7	13.1

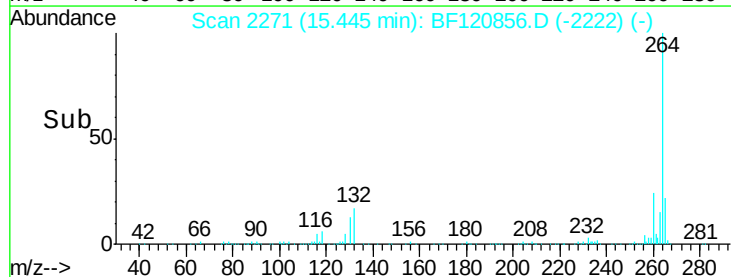
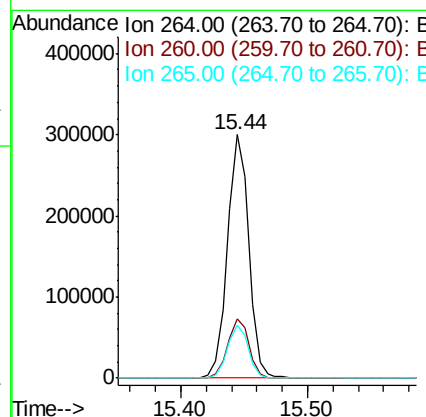
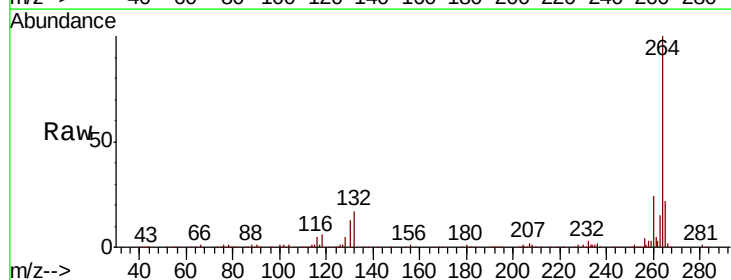
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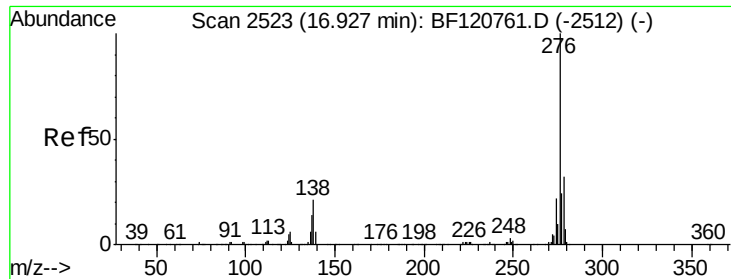
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	30.8
265	21.6	17.6	26.4





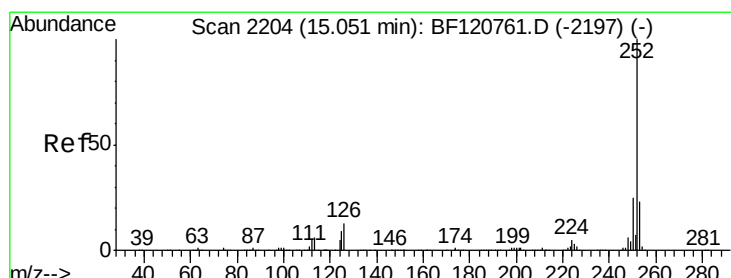
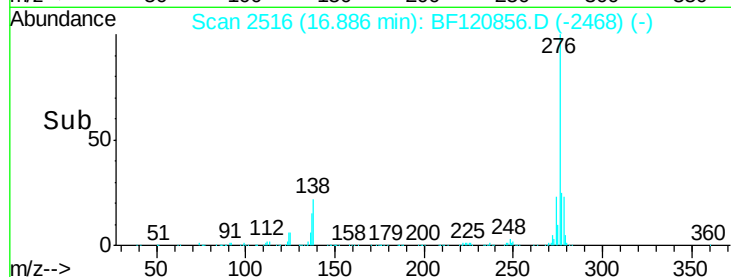
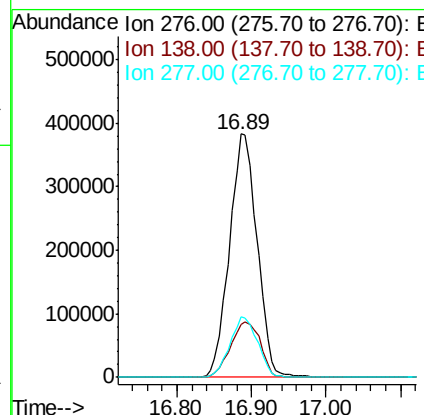
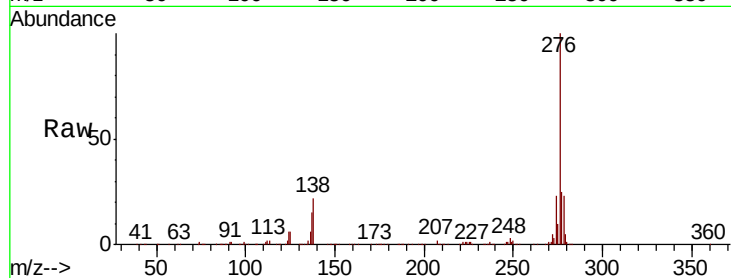
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.255 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	25.0	19.9	29.9

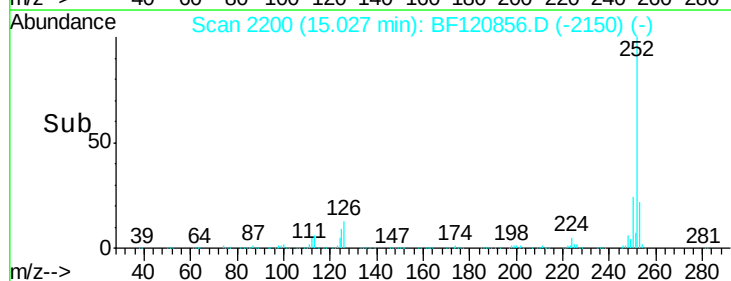
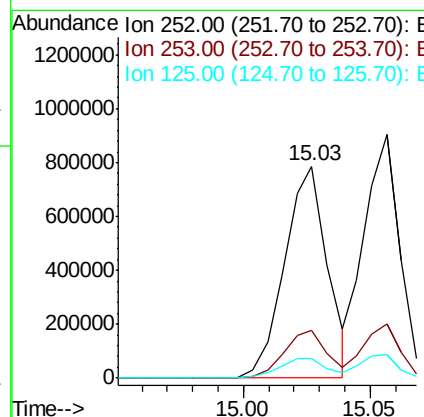
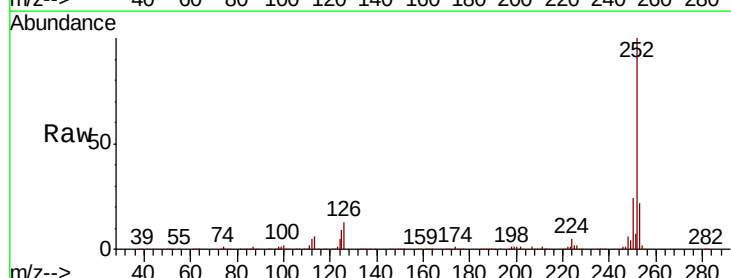
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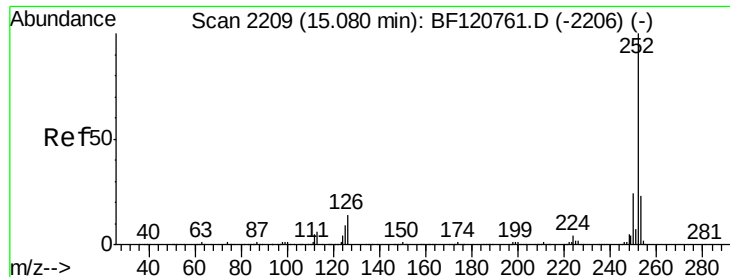
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.335 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.4	7.5	11.3





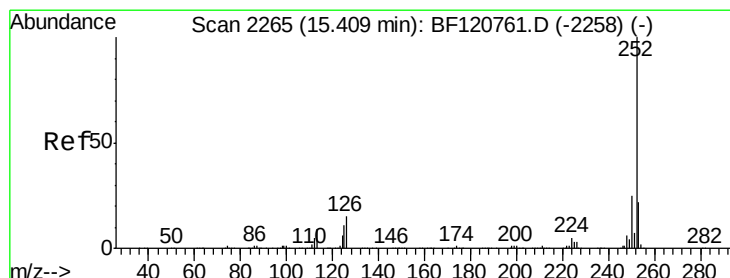
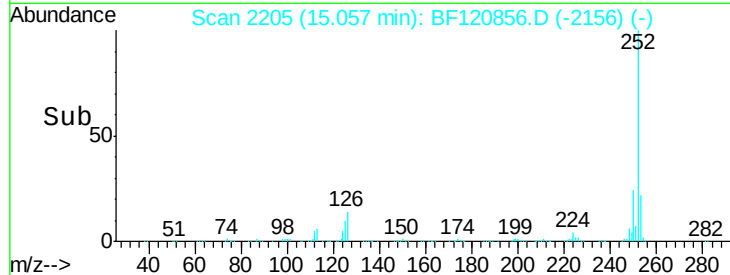
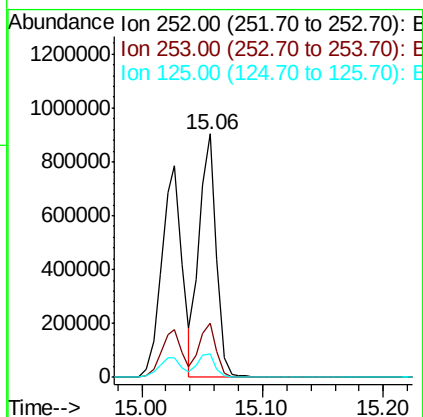
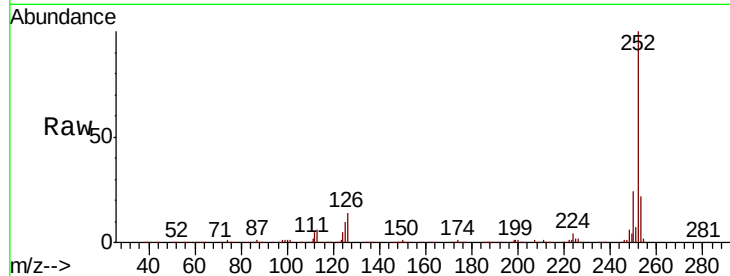
#89
Benzo(k)fluoranthene
Concen: 39.896 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.7	7.6	11.4

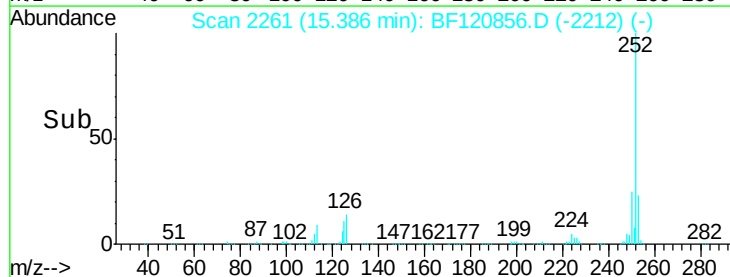
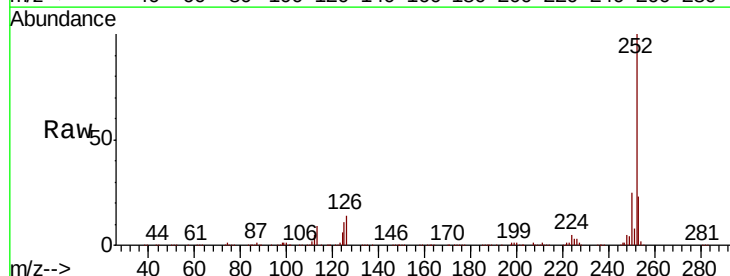
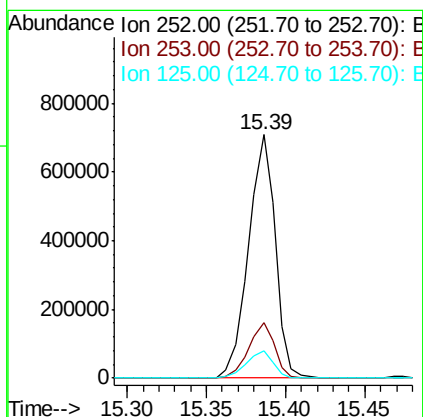
Manual Integrations
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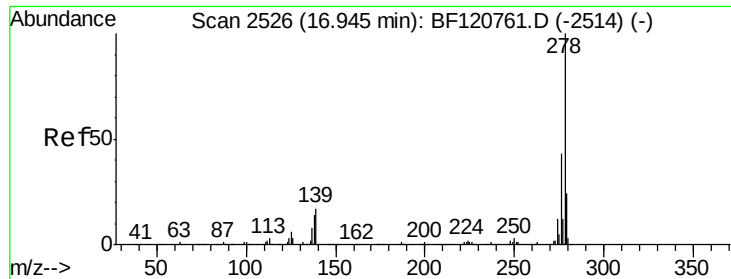
mohammad
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#90
Benzo(a)pyrene
Concen: 40.665 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.3	9.2	13.8





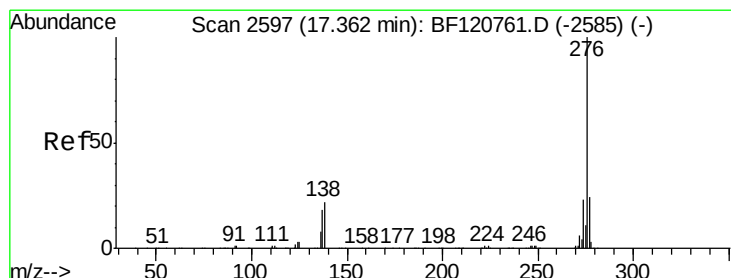
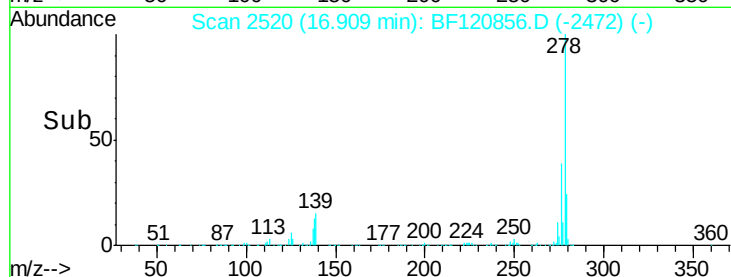
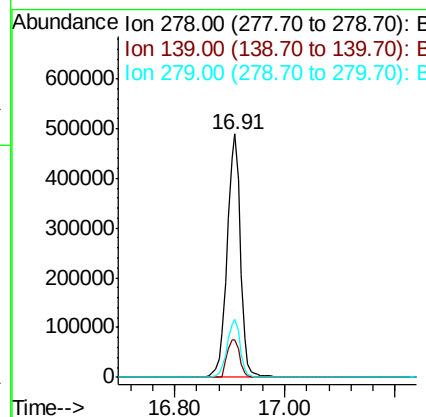
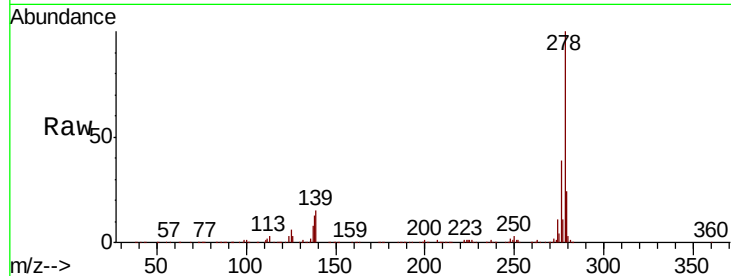
#91
Dibenzo(a,h)anthracene
Concen: 44.603 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.3	19.9
279	24.0	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 45.087 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF120856.D
Acq: 14 Jul 2020 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.4	17.4	26.2

