

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120886.D
 Acq On : 16 Jul 2020 15:25
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/17/2020 12:30:08 PM

Quant Time: Jul 16 16:49:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147427	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	543897	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	281371	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	533358	20.00	ng	0.00
76) Chrysene-d12	13.97	240	448571	20.00	ng	0.00
86) Perylene-d12	15.42	264	490937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	692401	76.99	ng	0.00
7) Phenol-d6	6.45	99	876015	75.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	743785	79.13	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	248135	80.57	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1322628	70.18	ng	0.00
79) Terphenyl-d14	12.92	244	1525921	73.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	158807	38.370	ng	100
3) Pyridine	3.24	79	426730	38.758	ng	99
4) n-Nitrosodimethylamine	3.18	42	183083	38.887	ng	98
6) Aniline	6.47	93	582017	38.382	ng	99
8) 2-Chlorophenol	6.60	128	383441	38.704	ng	99
9) Benzaldehyde	6.36	77	218852	38.497	ng	99
10) Phenol	6.46	94	495042	38.740	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	373623	38.151	ng	99
12) 1,3-Dichlorobenzene	6.76	146	407166	37.902	ng	99
13) 1,4-Dichlorobenzene	6.83	146	411023	38.478	ng	98
14) 1,2-Dichlorobenzene	6.99	146	388226	38.417	ng	99
15) Benzyl Alcohol	6.96	79	313178	38.122	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	539605	38.227	ng	99
17) 2-Methylphenol	7.07	107	331486	37.751	ng	99
18) Hexachloroethane	7.33	117	149484	38.664	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	242137	36.656	ng	100
20) 3+4-Methylphenols	7.22	107	396263	35.476	ng	97
22) Acetophenone	7.23	105	469416	38.456	ng	99
24) Nitrobenzene	7.40	77	396960	39.183	ng	99
25) Isophorone	7.64	82	712669	37.989	ng	100
26) 2-Nitrophenol	7.72	139	195802	40.694	ng	99
27) 2,4-Dimethylphenol	7.75	122	303222	38.814	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	440032	38.426	ng	99
29) 2,4-Dichlorophenol	7.95	162	313334	39.251	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	347786	39.268	ng	99
31) Naphthalene	8.12	128	1087186	38.968	ng	100
32) Benzoic acid	7.86	122	260458	44.414	ng	98
33) 4-Chloroaniline	8.17	127	477687	38.382	ng	99
34) Hexachlorobutadiene	8.24	225	205057	39.275	ng	99
35) Caprolactam	8.53	113	100457m	39.242	ng	
36) 4-Chloro-3-methylphenol	8.65	107	318437	38.895	ng	99
37) 2-Methylnaphthalene	8.81	142	711482	39.275	ng	99
38) 1-Methylnaphthalene	8.91	142	670914	39.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	325468	39.701	ng	99

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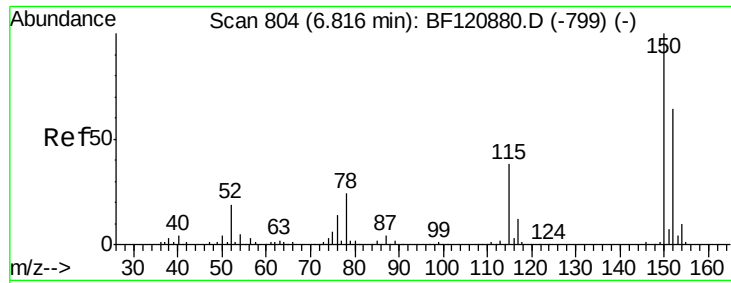
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 7/17/2020 12:30:08 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	180657	39.873	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	225796	39.119	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	259383	39.616	ng	94
46) 1,1'-Biphenyl	9.27	154	833367	38.828	ng	100
47) 2-Chloronaphthalene	9.30	162	676821	38.678	ng	100
48) 2-Nitroaniline	9.39	65	210777	39.858	ng	99
49) Acenaphthylene	9.72	152	1053086	38.738	ng	100
50) Dimethylphthalate	9.57	163	782905	38.568	ng	98
51) 2,6-Dinitrotoluene	9.63	165	175461	40.233	ng	98
52) Acenaphthene	9.89	154	681088	39.407	ng	99
53) 3-Nitroaniline	9.80	138	215931	39.478	ng	99
54) 2,4-Dinitrophenol	9.90	184	82974	37.064	ng	96
55) Dibenzofuran	10.06	168	962049	38.492	ng	99
56) 4-Nitrophenol	9.96	139	166154	39.990	ng	100
57) 2,4-Dinitrotoluene	10.04	165	234019	40.862	ng	95
58) Fluorene	10.40	166	698598	37.477	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	201176	40.355	ng	98
60) Diethylphthalate	10.27	149	800128	38.970	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	356777	35.884	ng	98
62) 4-Nitroaniline	10.42	138	212593	39.902	ng	97
63) Azobenzene	10.55	77	753539	38.550	ng	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	115088	38.141	ng	96
66) n-Nitrosodiphenylamine	10.51	169	670012	39.933	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	236190	39.719	ng	98
68) Hexachlorobenzene	10.95	284	254751	39.603	ng	97
69) Atrazine	11.03	200	158970	38.257	ng	98
70) Pentachlorophenol	11.14	266	155320	42.148	ng	99
71) Phenanthrene	11.36	178	1061005	38.679	ng	100
72) Anthracene	11.41	178	1092278	39.655	ng	99
73) Carbazole	11.57	167	1082642	39.606	ng	99
74) Di-n-butylphthalate	11.90	149	1265765	40.126	ng	100
75) Fluoranthene	12.55	202	1200203	39.474	ng	99
77) Benzidine	12.67	184	515900	43.744	ng	99
78) Pyrene	12.77	202	1250930	39.444	ng	100
80) Butylbenzylphthalate	13.40	149	570790	40.374	ng	97
81) Benzo(a)anthracene	13.96	228	1045062	38.473	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	405720	39.591	ng	99
83) Chrysene	14.00	228	1127302	39.491	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	680807	39.052	ng	100
85) Di-n-octyl phthalate	14.57	149	1390311	40.085	ng	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1345628	39.412	ng	100
88) Benzo(b)fluoranthene	15.00	252	1187588	40.019	ng	100
89) Benzo(k)fluoranthene	15.03	252	1123561	41.515	ng	99
90) Benzo(a)pyrene	15.36	252	1103368	40.753	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1125327	40.349	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1074399	39.070	ng	99

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



#1

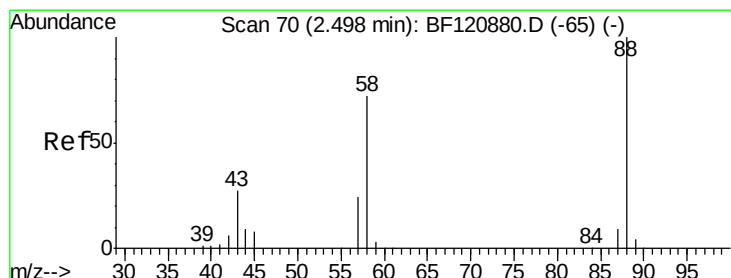
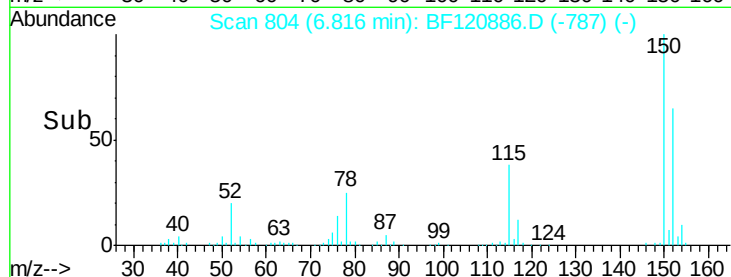
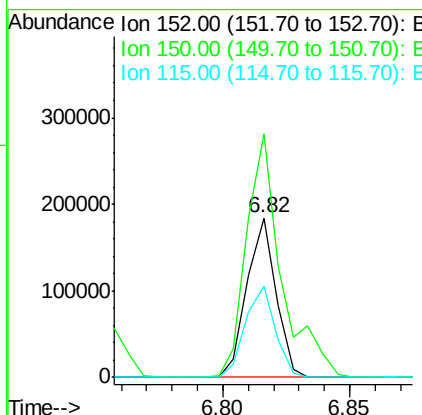
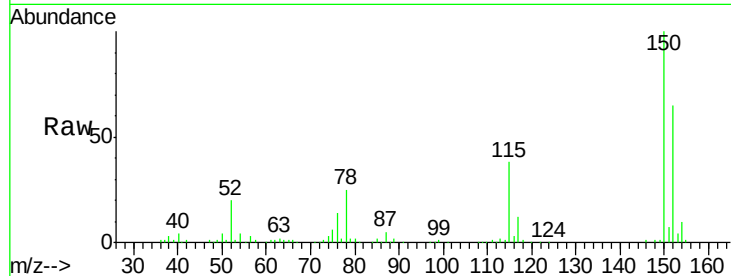
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.0	187.6
115	57.6	47.0	70.4

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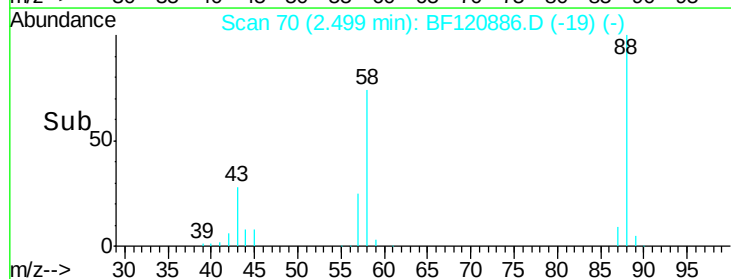
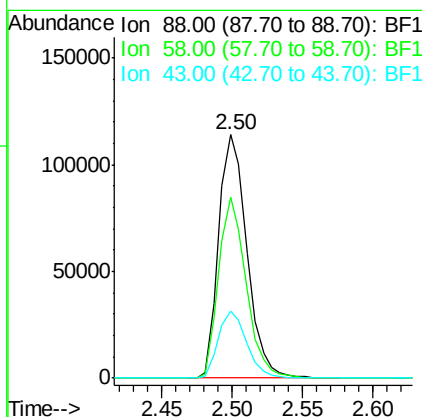
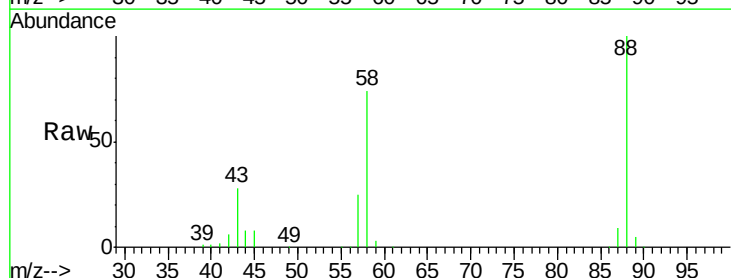
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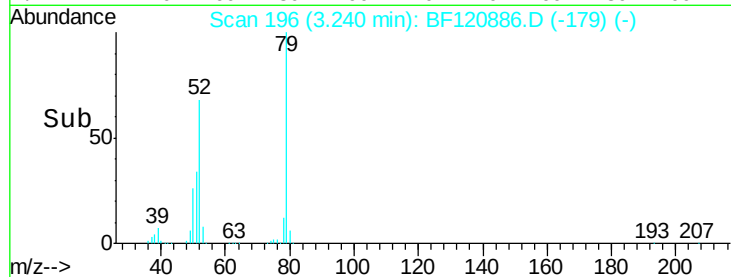
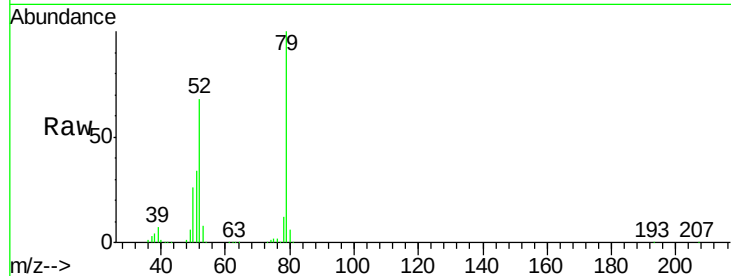
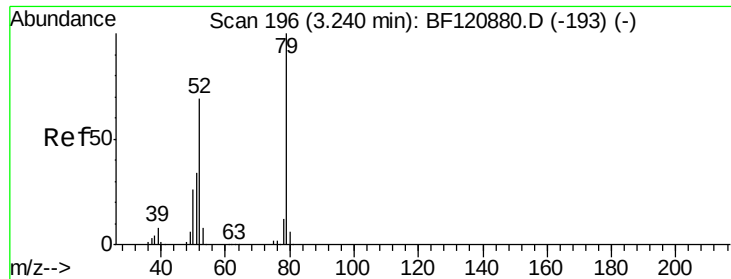


#2

1,4-Dioxane
Concen: 38.370 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	58.2	87.2
43	27.8	22.1	33.1





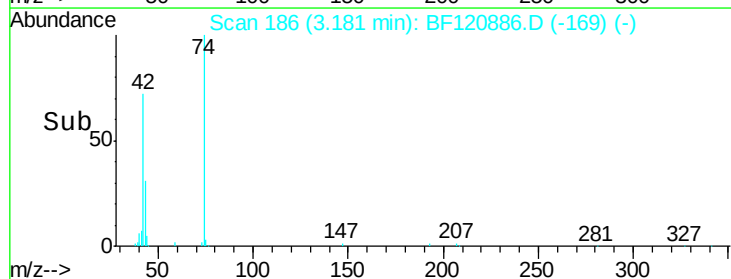
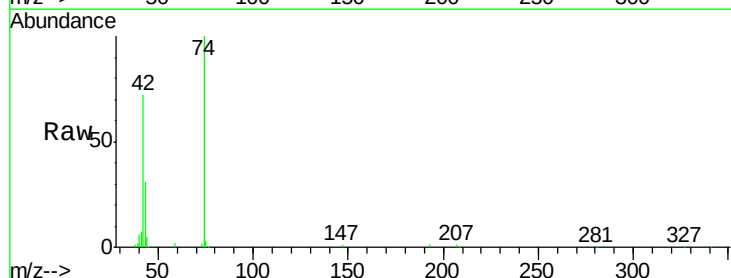
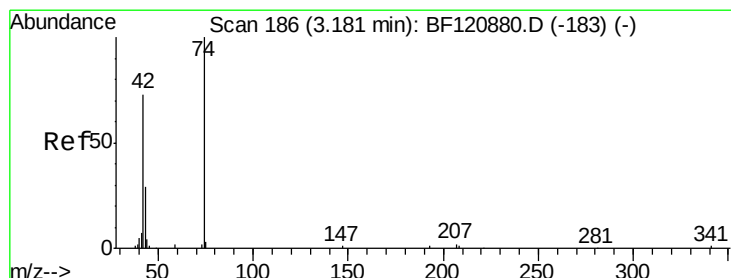
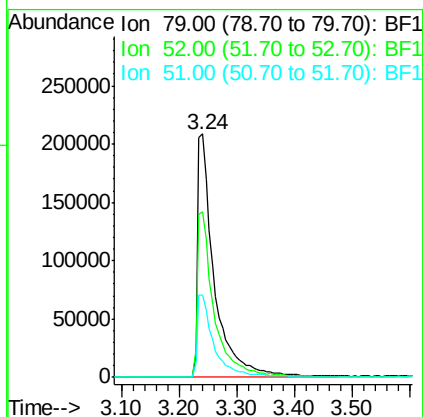
#3
Pvridine
Concen: 38.758 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	55.0	82.6
51	33.8	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

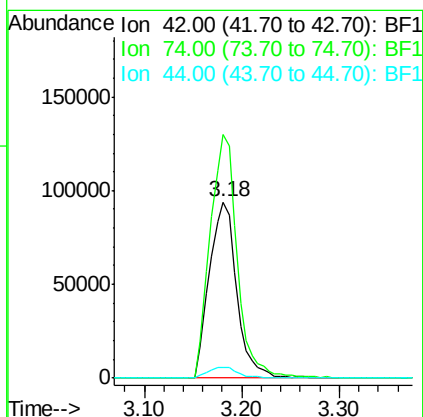
Manual Integrations
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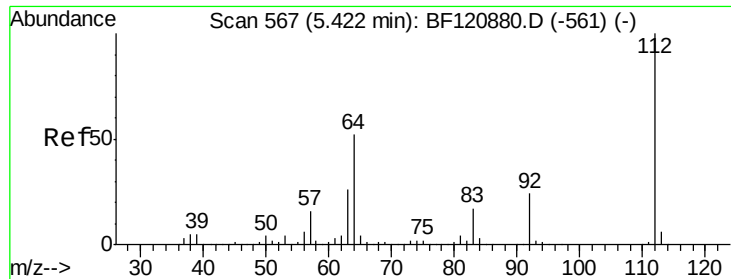
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#4
n-Nitrosodimethylamine
Concen: 38.887 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.3	108.7	163.1
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 76.993 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

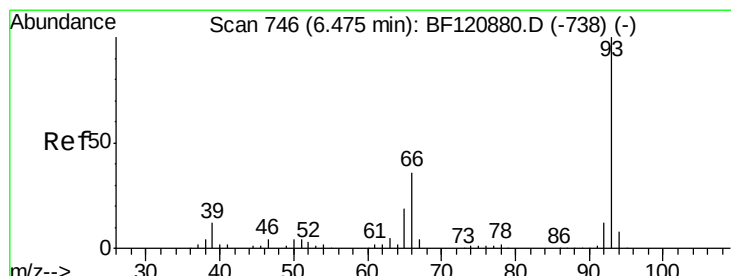
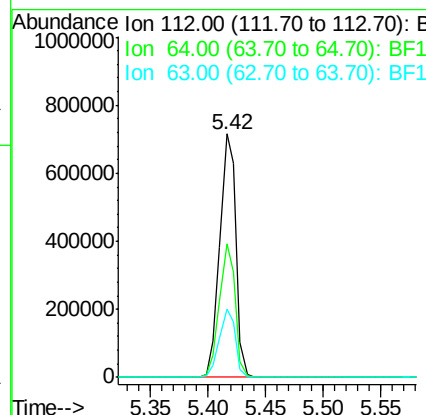
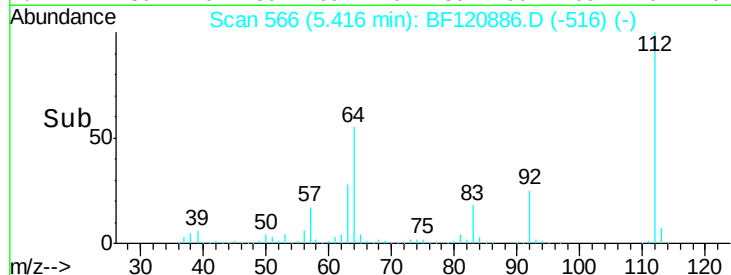
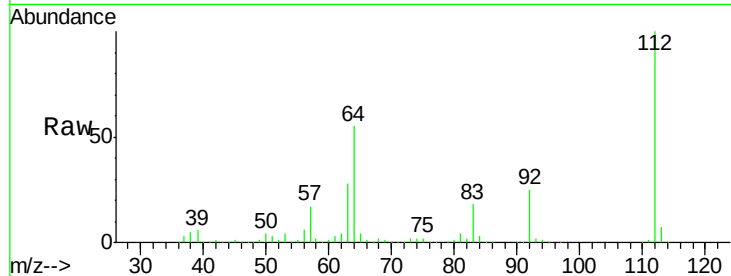
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	692401
Ion Ratio	Lower	Upper	
112	100		
64	54.9	41.3	61.9
63	28.2	21.1	31.7

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#6

Aniline

Concen: 38.382 ng

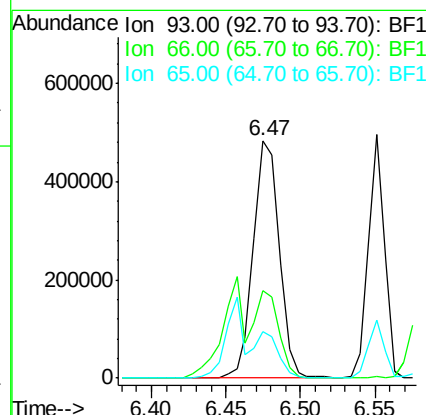
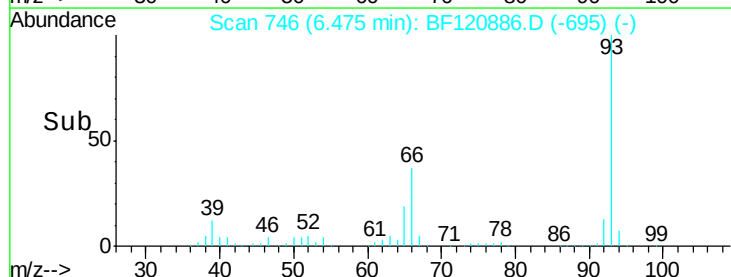
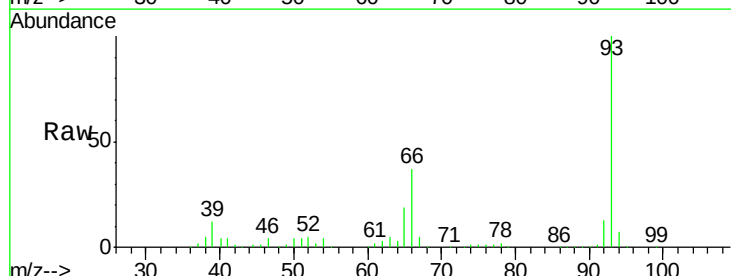
RT: 6.47 min Scan# 746

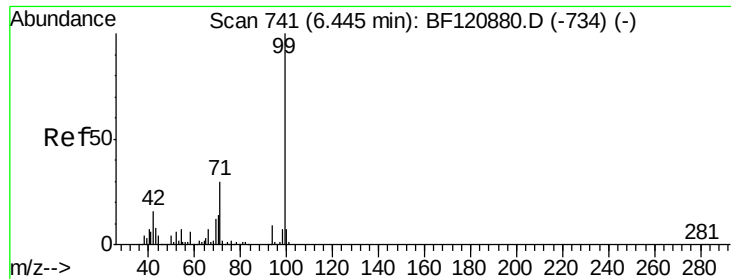
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	93	Resp:	582017
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.2	45.4
65	19.5	15.8	23.6





#7

Phenol-d6

Concen: 75.410 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

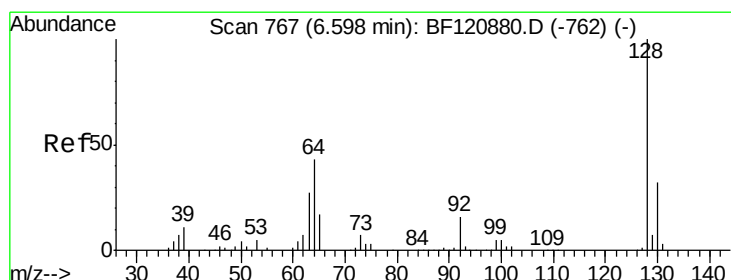
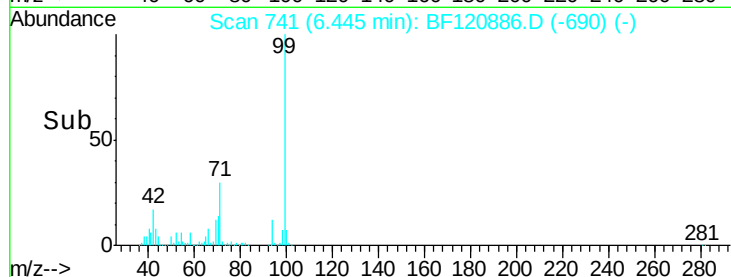
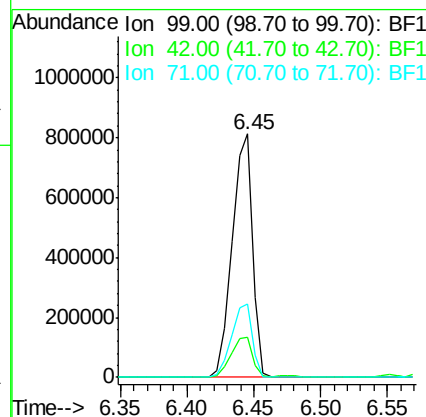
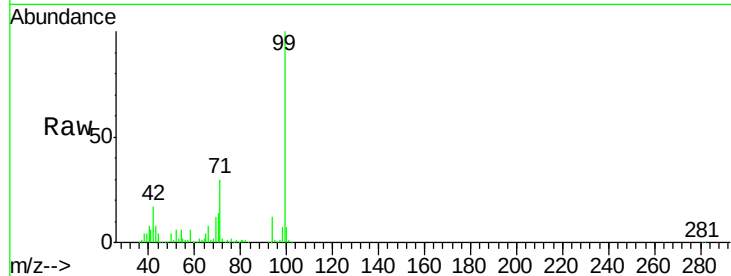
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	876015
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.1	19.7
71	30.2	24.2	36.4

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#8

2-Chlorophenol

Concen: 38.704 ng

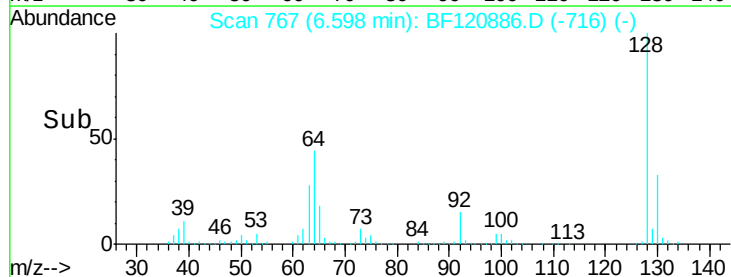
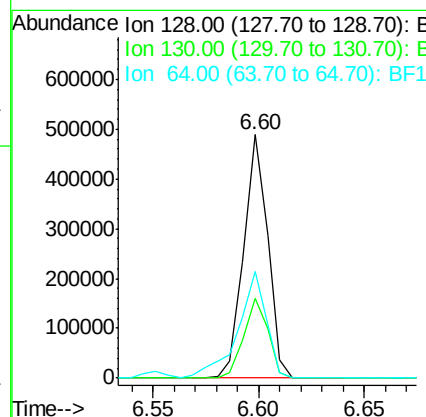
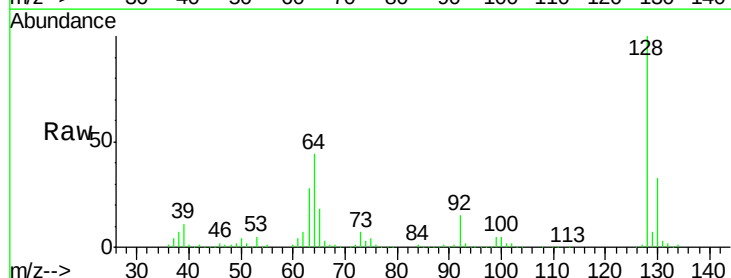
RT: 6.60 min Scan# 767

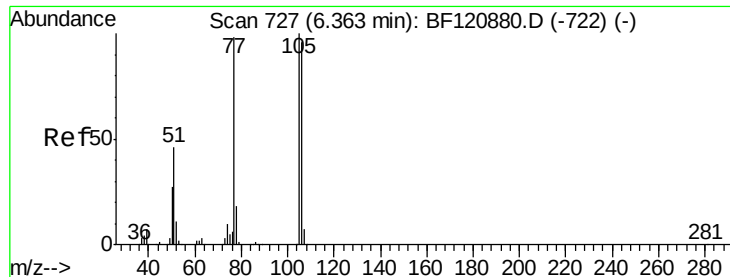
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	128	Resp:	383441
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.1	52.1
64	43.7	24.0	64.0





#9

Benzaldehyde

Concen: 38.497 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

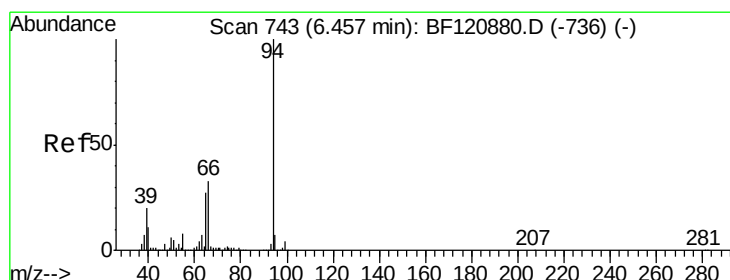
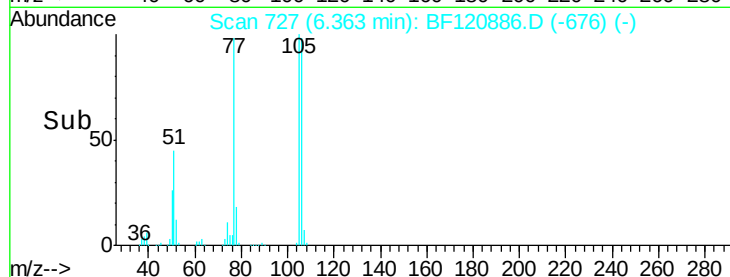
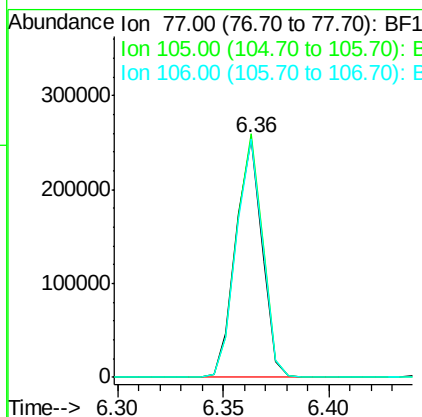
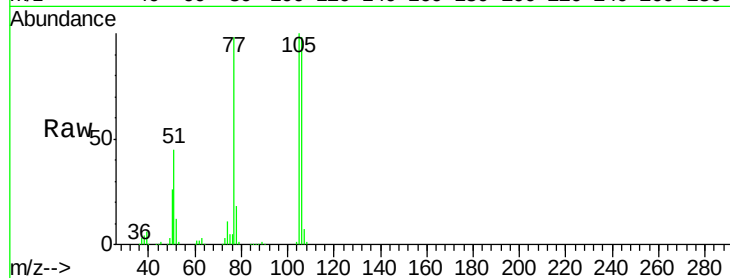
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	218852
Ion	Ratio	Lower	Upper
77	100		
105	101.8	82.5	122.5
106	99.6	78.7	118.7

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#10

Phenol

Concen: 38.740 ng

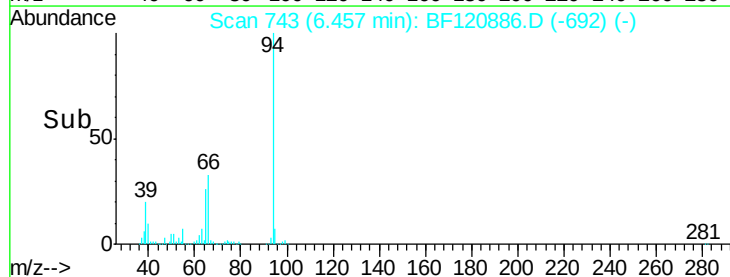
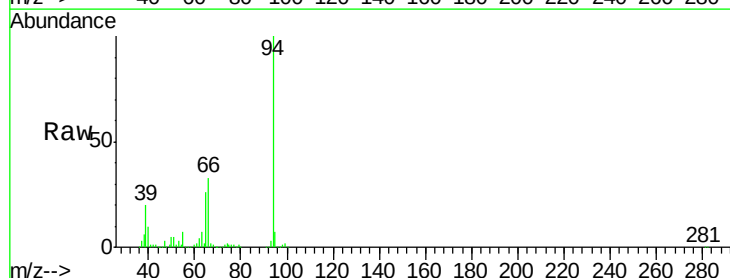
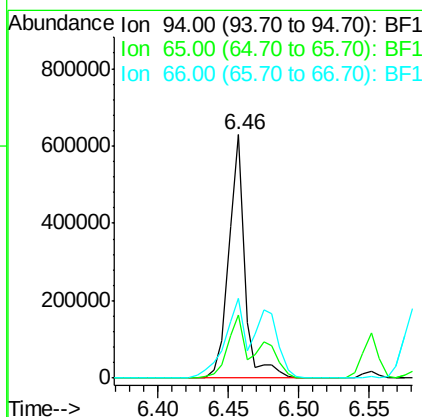
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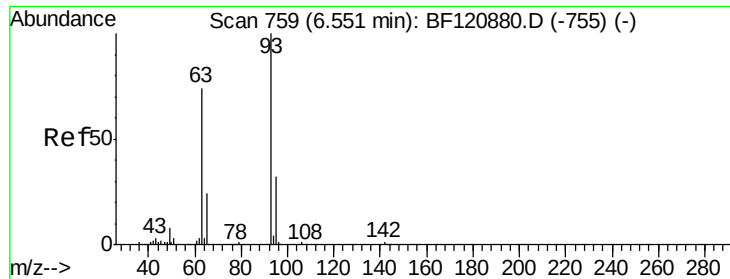
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	94	Resp:	495042
Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.6	46.6
66	32.8	13.2	53.2





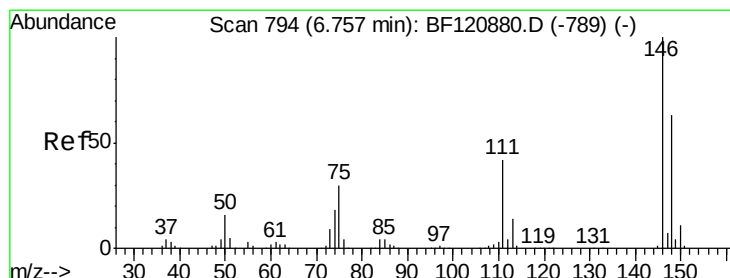
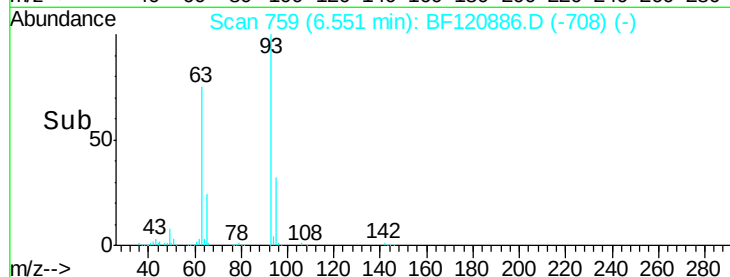
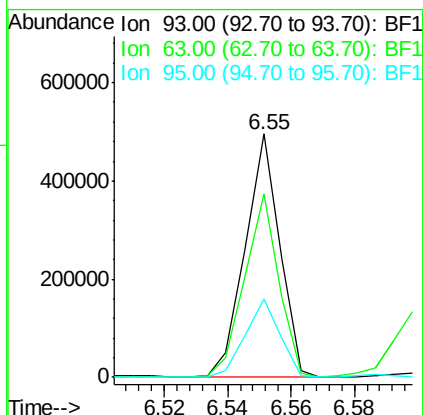
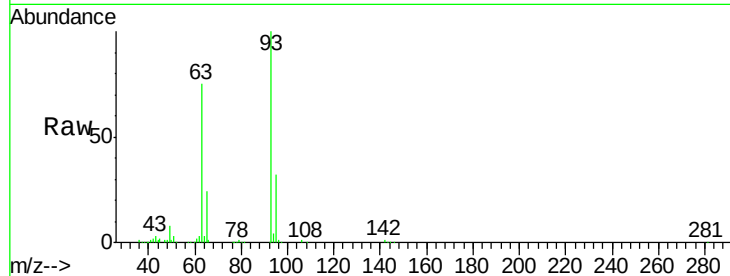
#11
bis(2-Chloroethyl)ether
Concen: 38.151 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.2	94.2
95	32.0	12.2	52.2

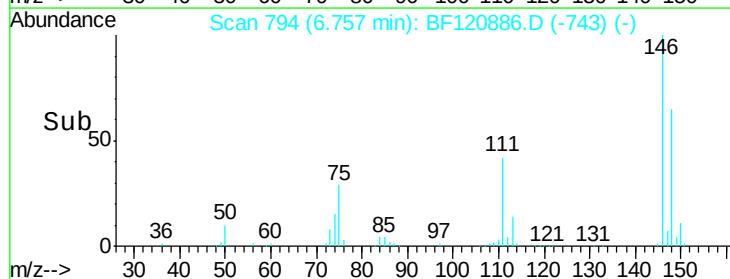
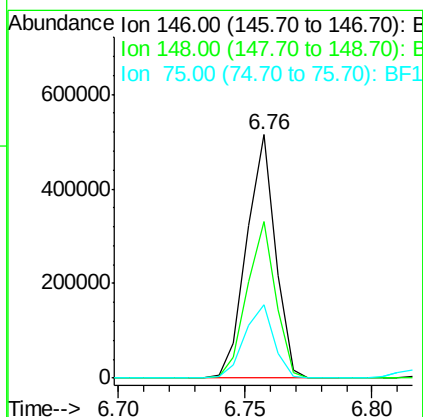
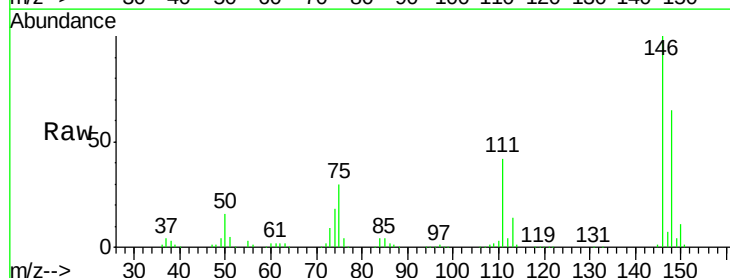
Manual Integrations
APPROVED

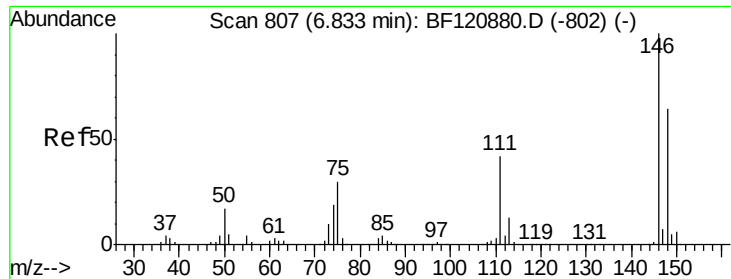
mohammad
7/17/2020 12:30:08 PM



#12
1,3-Dichlorobenzene
Concen: 37.902 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
75	30.4	24.1	36.1





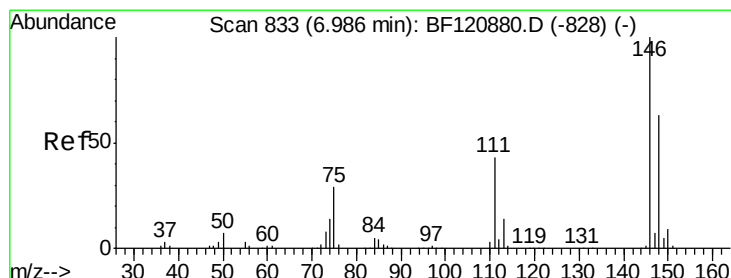
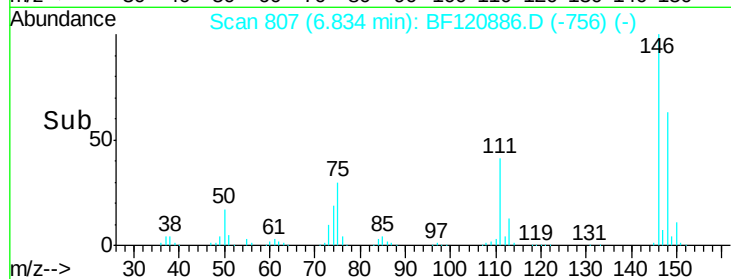
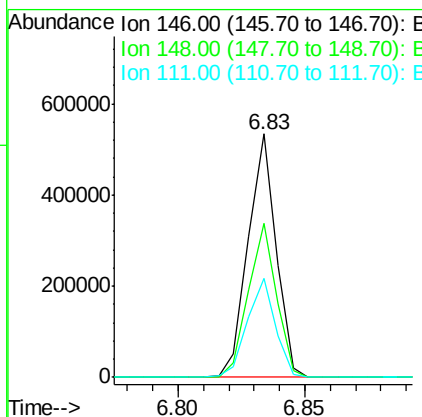
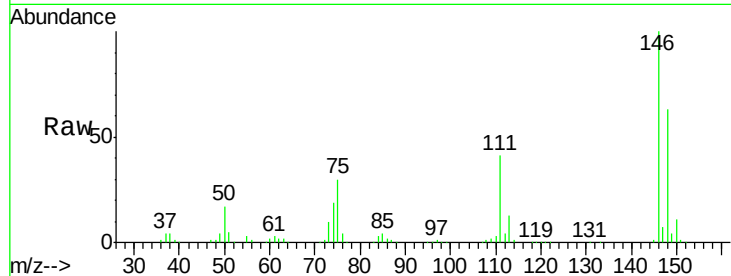
#13
1,4-Dichlorobenzene
Concen: 38.478 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	40.8	33.5	50.3

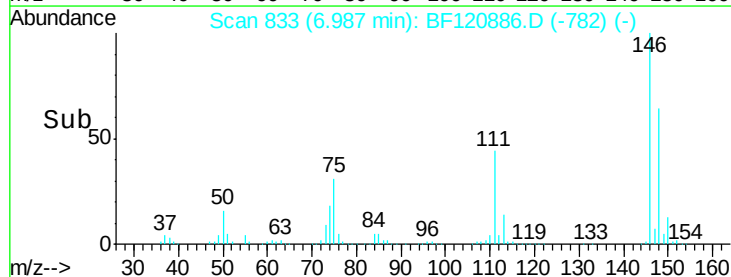
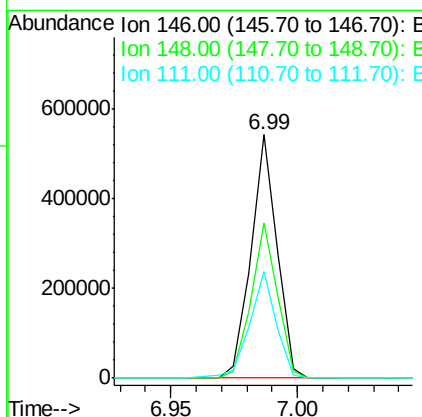
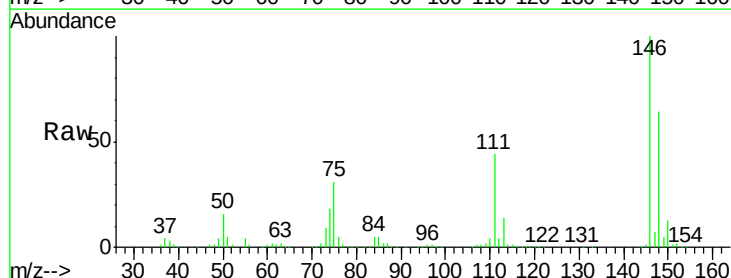
Manual Integrations
APPROVED

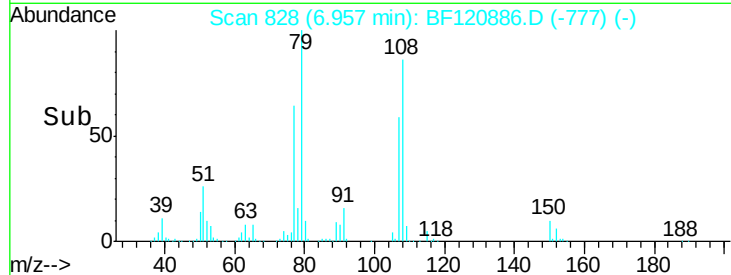
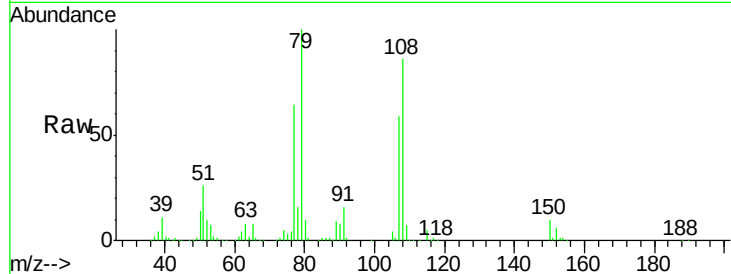
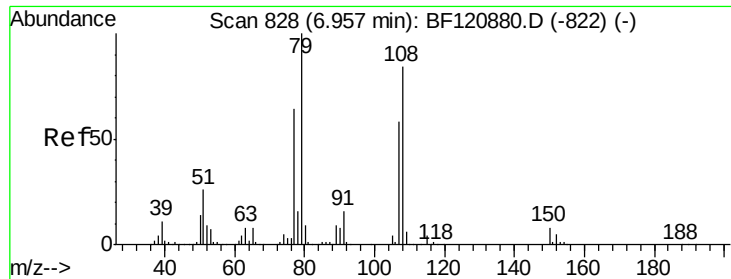
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.417 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	43.7	34.2	51.2





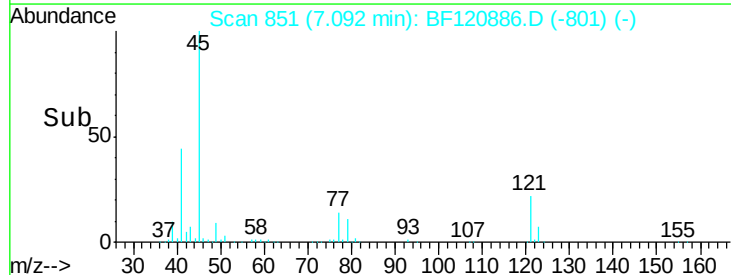
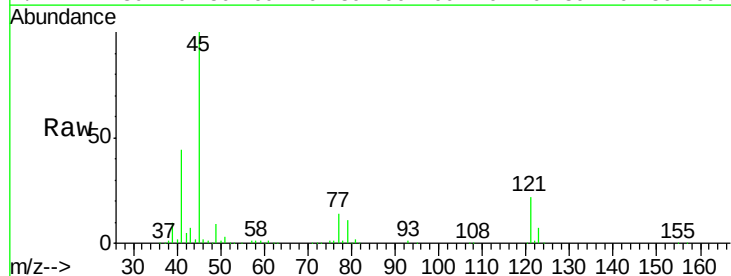
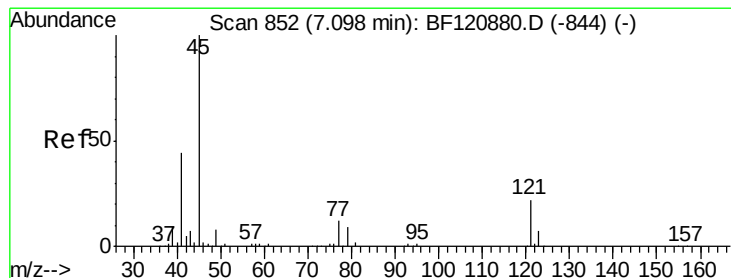
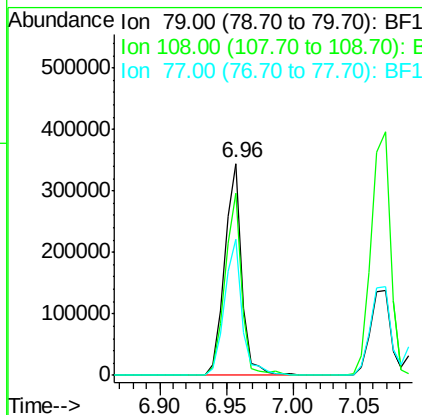
#15
Benzyl Alcohol
Concen: 38.122 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	86.0	67.0	100.6	
77	64.0	51.0	76.4	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

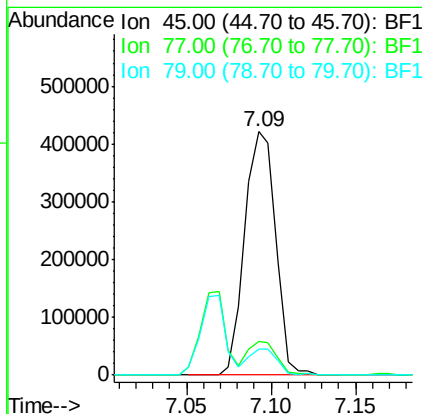
Manual Integrations
APPROVED

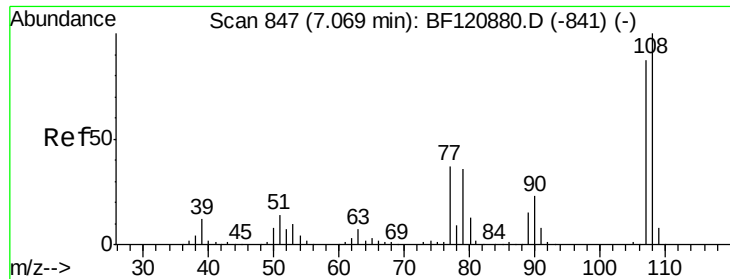
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.227 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.1	0.0	34.3	
79	10.7	0.0	31.0	





#17

2-Methylphenol

Concen: 37.751 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

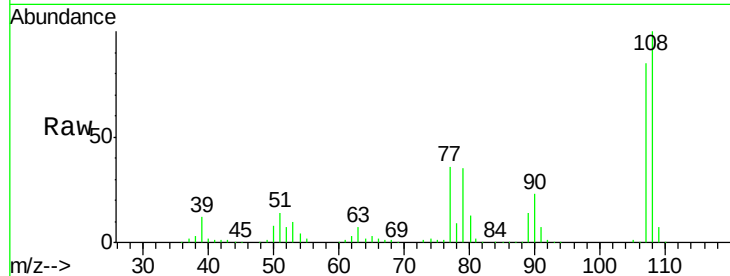
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.0	92.0	138.0
77	42.7	34.0	51.0
79	40.6	33.3	49.9

Manual Integrations
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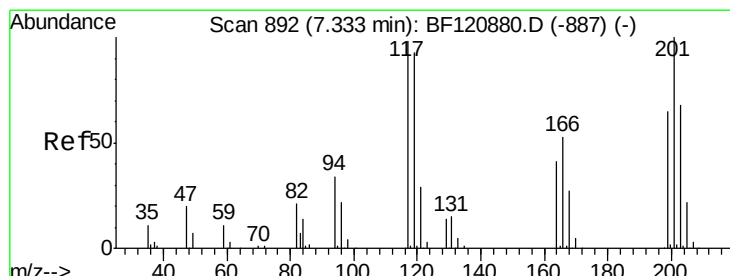
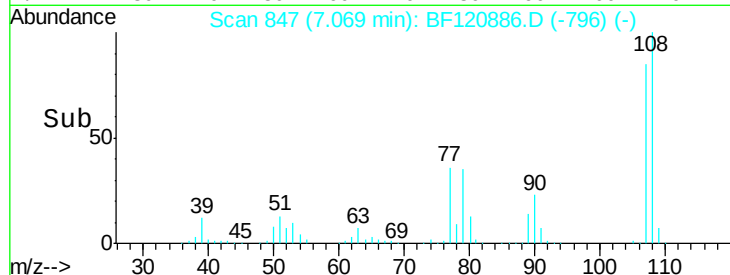
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 38.664 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

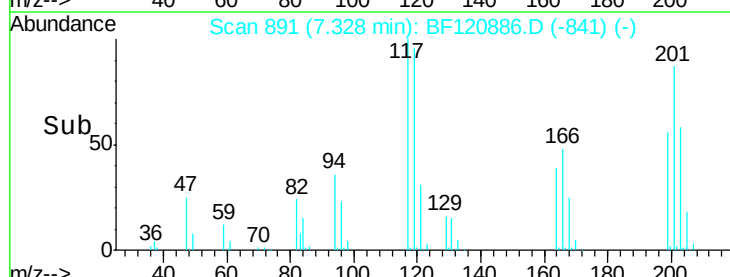
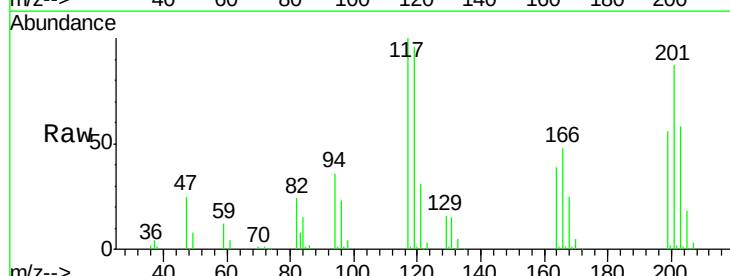
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
201	86.6	81.7	122.5

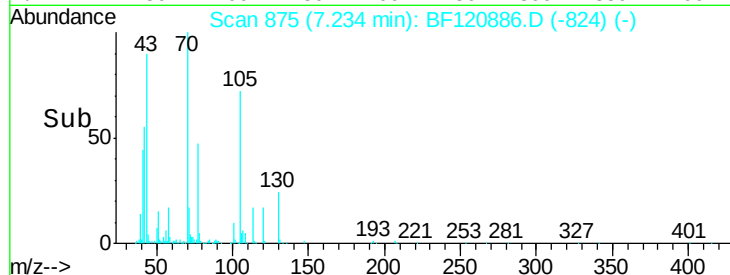
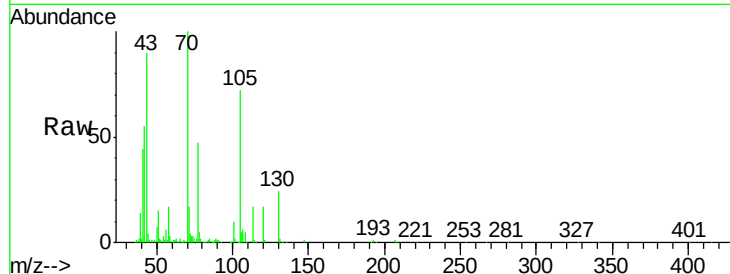
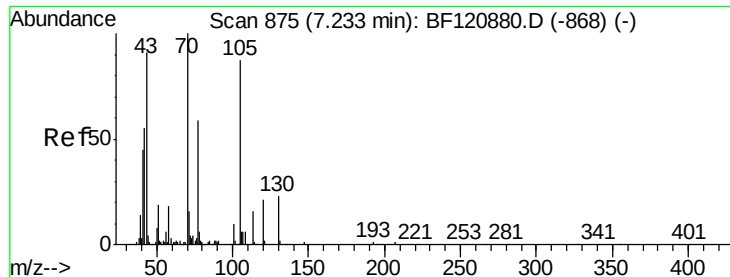
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





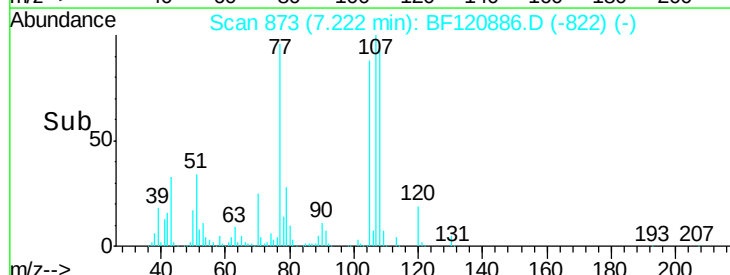
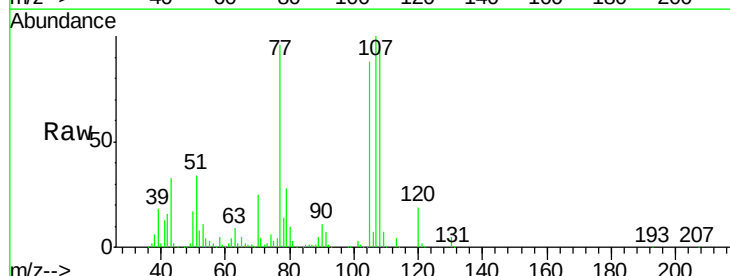
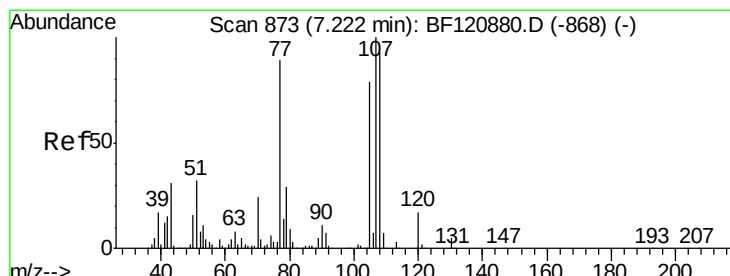
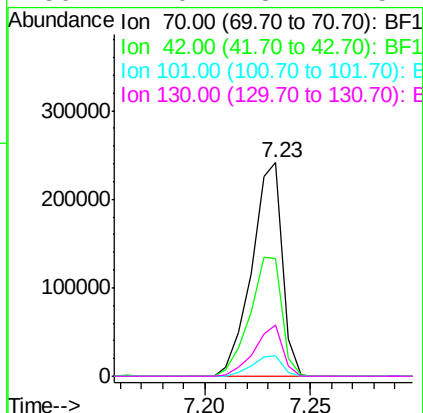
#19
n-Nitroso-di-n-propylamine
Concen: 36.656 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
242137	70	100		
	42	54.9	44.0	66.0
	101	9.9	7.8	11.6
	130	24.0	18.7	28.1

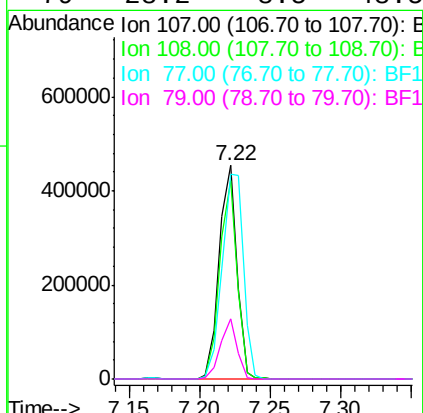
Manual Integrations
APPROVED

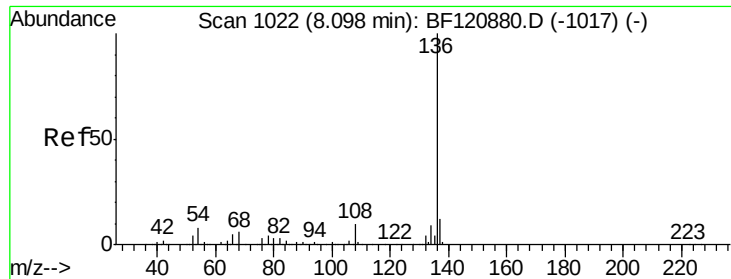
mohammad
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#20
3+4-Methylphenols
Concen: 35.476 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
396263	107	100		
	108	92.7	72.8	112.8
	77	95.8	68.7	108.7
	79	28.2	8.5	48.5





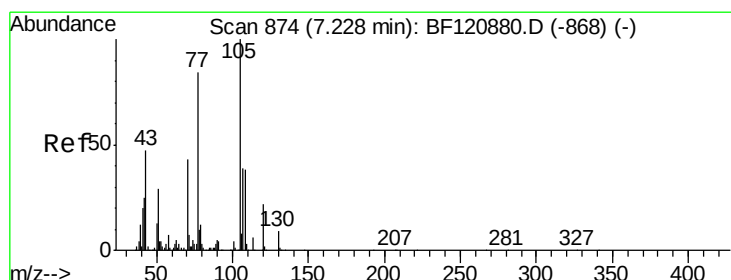
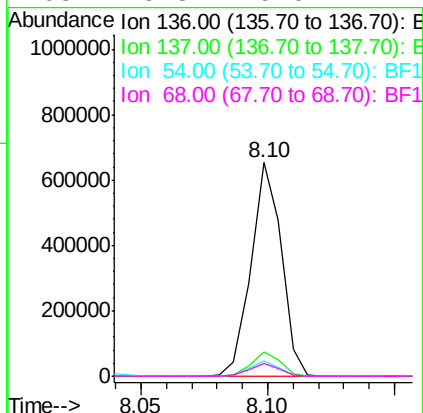
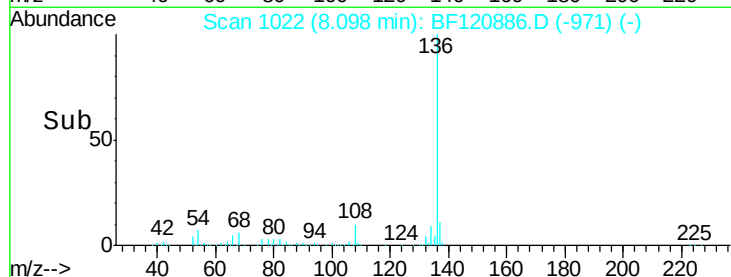
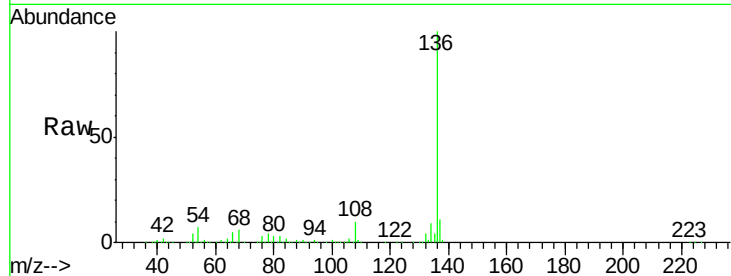
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.3	13.9	
54	7.3	6.3	9.5	
68	5.8	5.0	7.4	

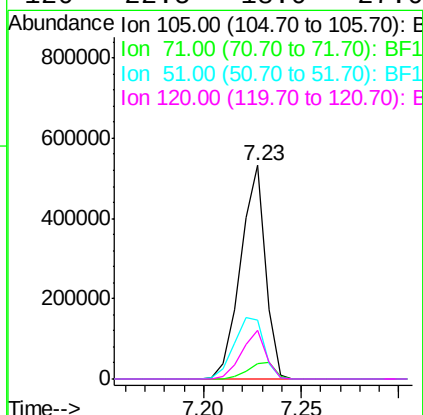
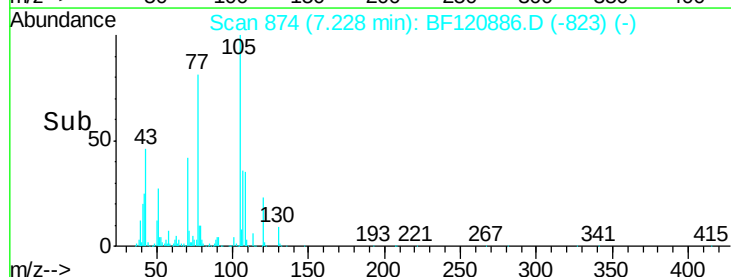
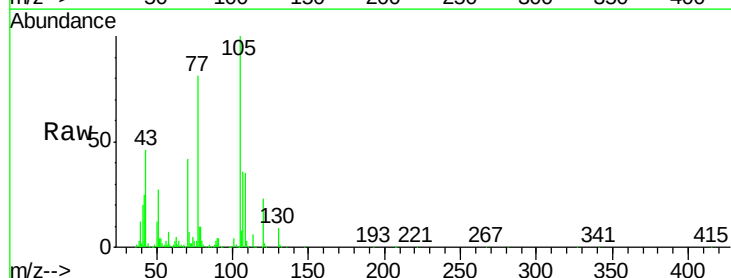
Manual Integrations
APPROVED

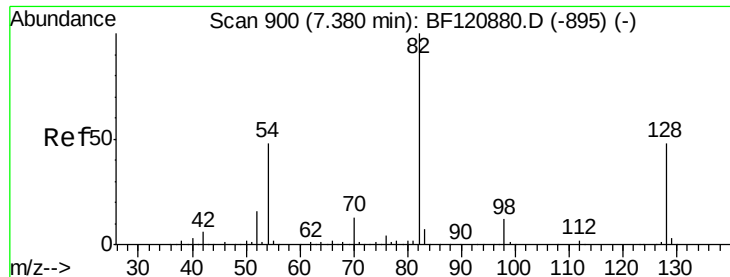
mohammad
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#22
Acetophenone
Concen: 38.456 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.7	8.5	
51	27.3	22.9	34.3	
120	22.5	18.0	27.0	





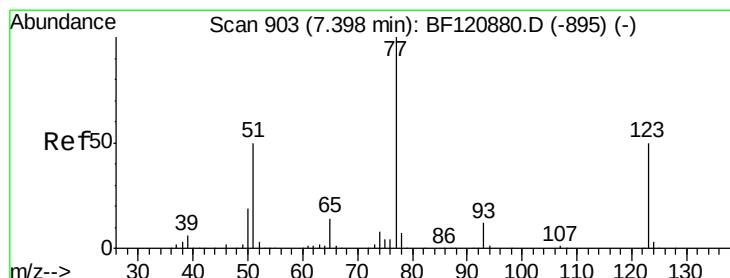
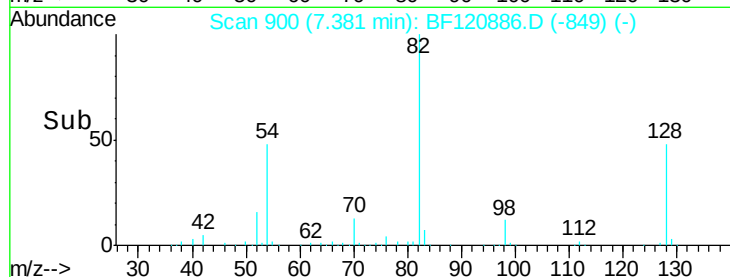
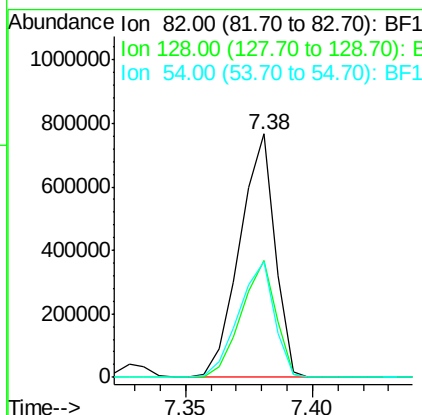
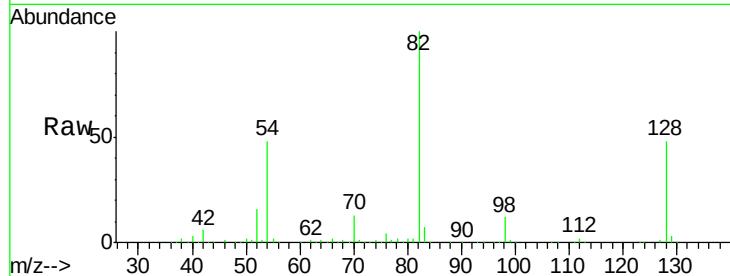
#23
Nitrobenzene-d5
Concen: 79.128 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.4
54	47.5	38.7	58.1

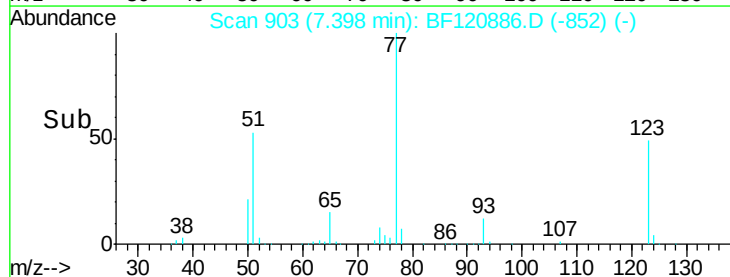
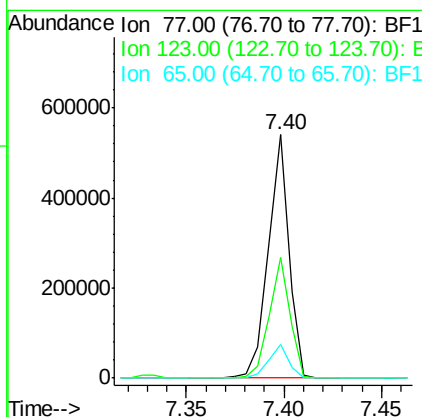
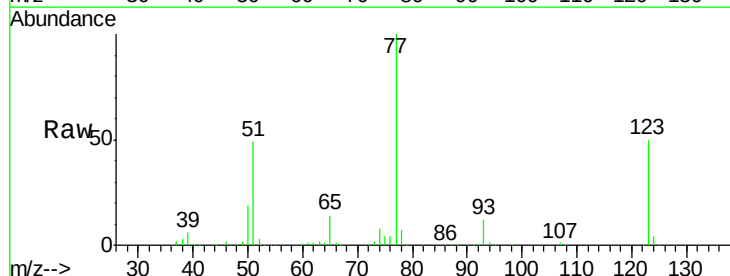
Manual Integrations
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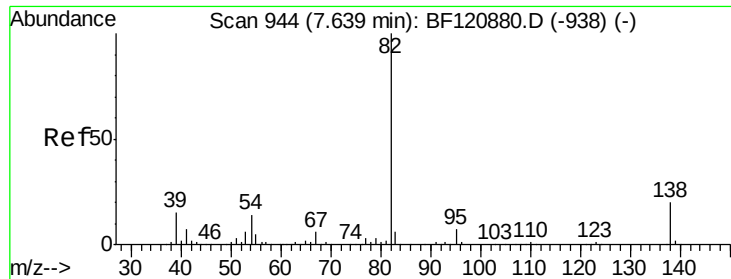
mohammad
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#24
Nitrobenzene
Concen: 39.183 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.1	60.1
65	13.8	10.8	16.2





#25

Isophorone

Concen: 37.989 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

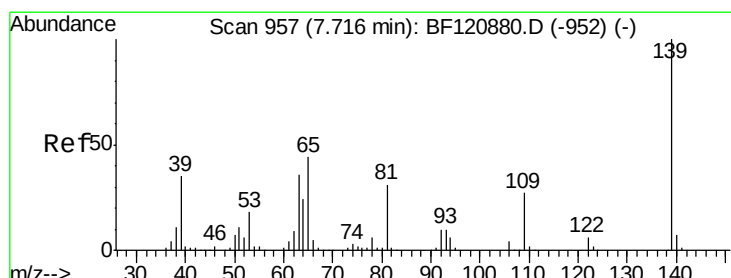
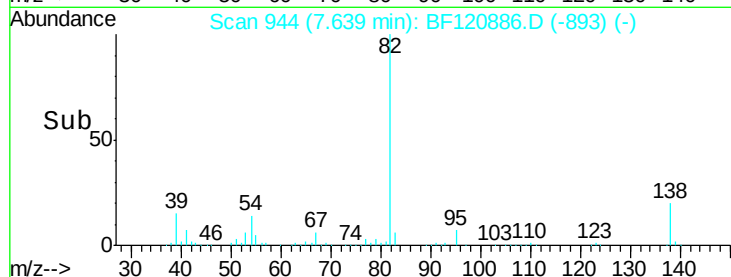
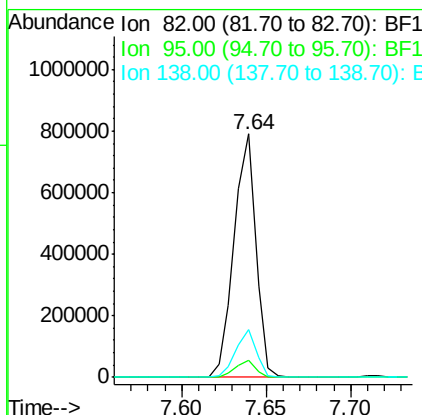
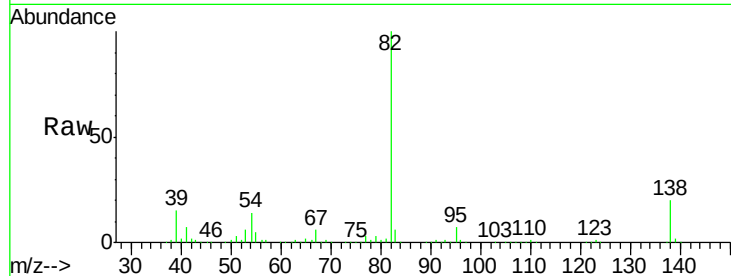
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	712669
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	19.6	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.694 ng

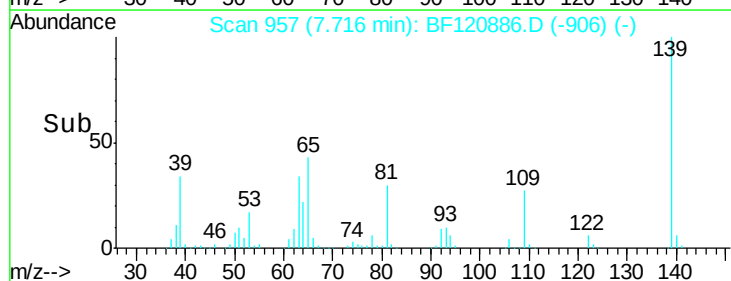
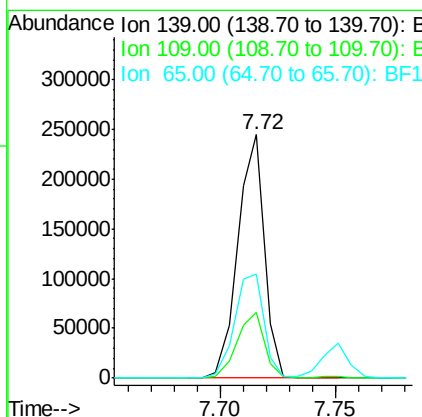
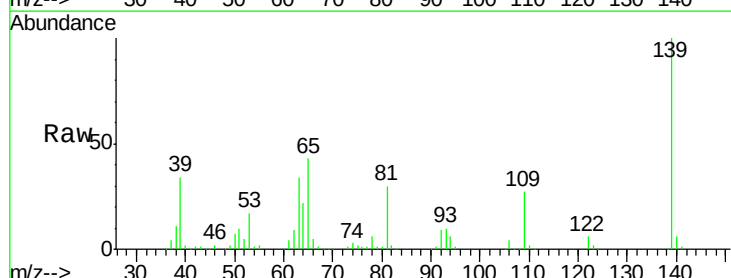
RT: 7.72 min Scan# 957

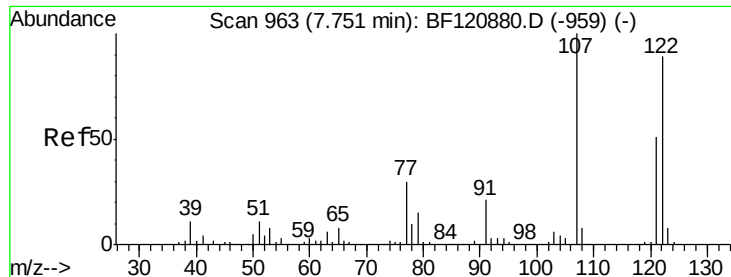
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	139	Resp:	195802
Ion Ratio	Lower	Upper	
139	100		
109	27.0	21.6	32.4
65	42.6	35.3	52.9





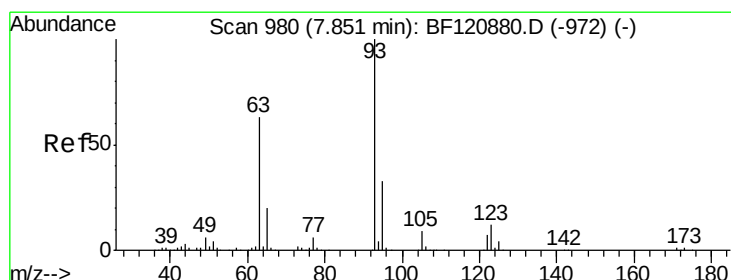
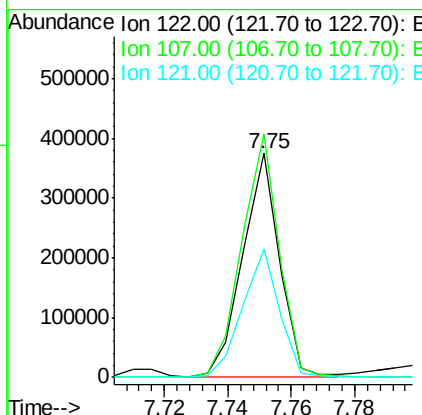
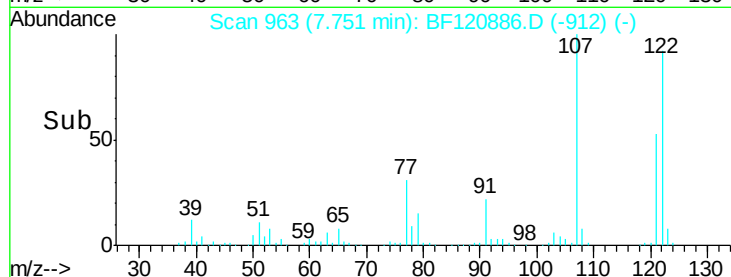
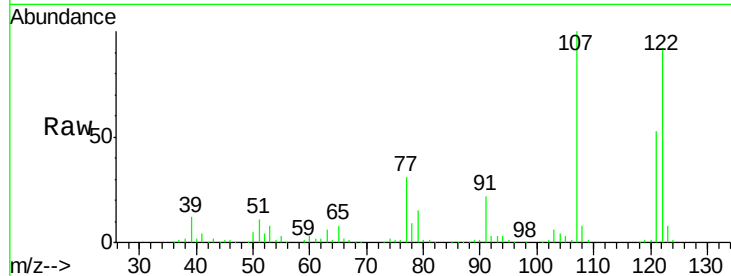
#27
2,4-Dimethylphenol
Concen: 38.814 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.4	134.0
121	57.4	46.0	69.0

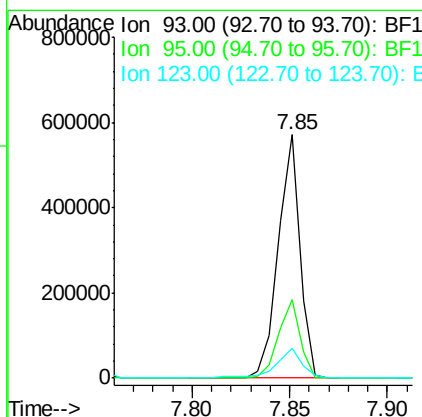
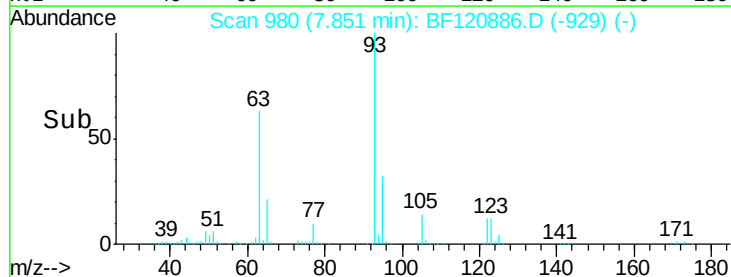
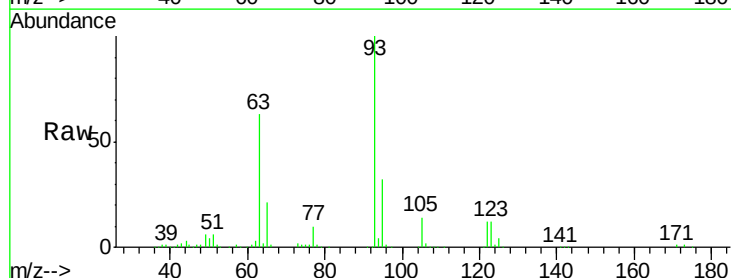
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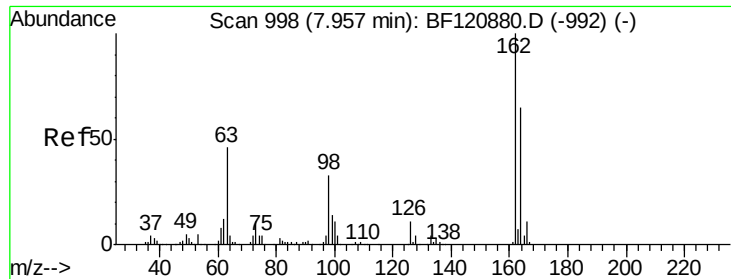
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.426 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	39.8
123	12.4	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 39.251 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

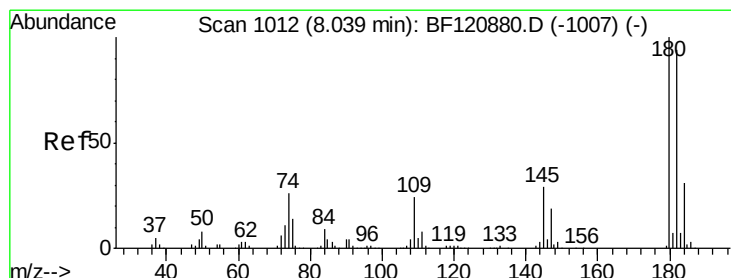
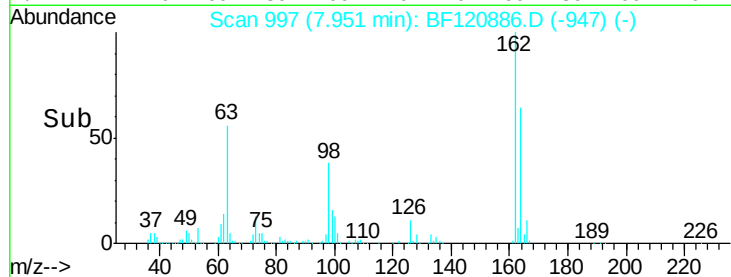
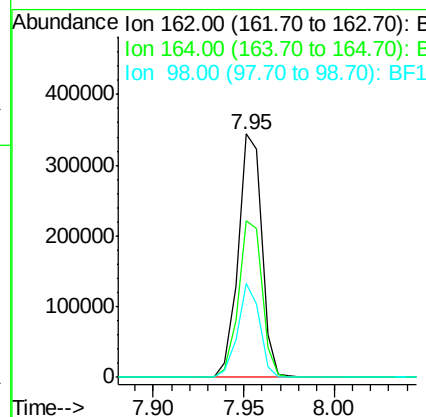
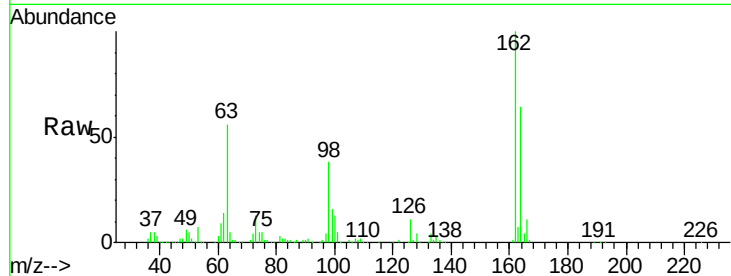
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	313334
Ion Ratio	Lower	Upper	
162	100		
164	64.2	45.3	85.3
98	38.4	13.3	53.3

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#30

1,2,4-Trichlorobenzene

Concen: 39.268 ng

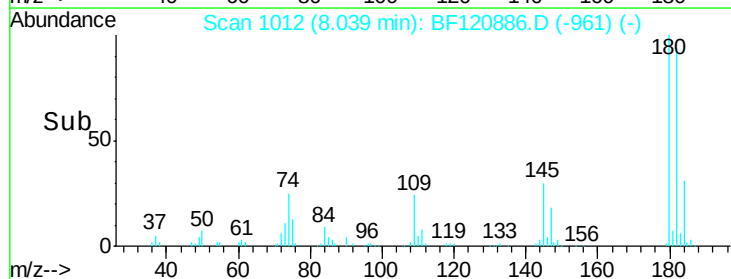
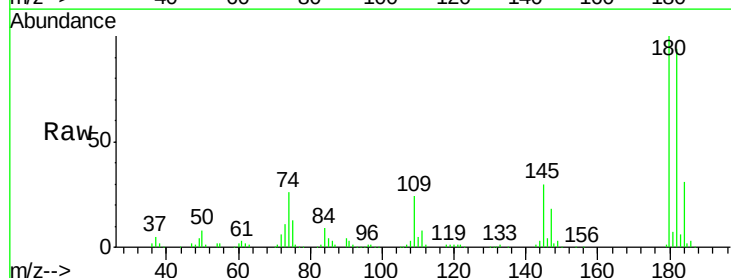
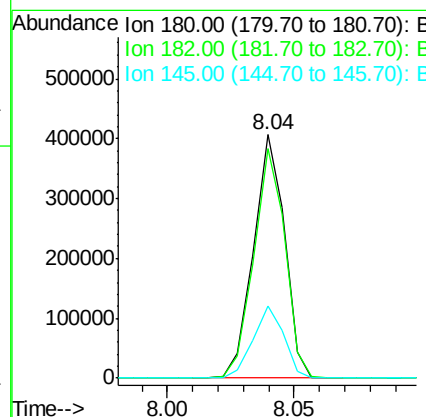
RT: 8.04 min Scan# 1012

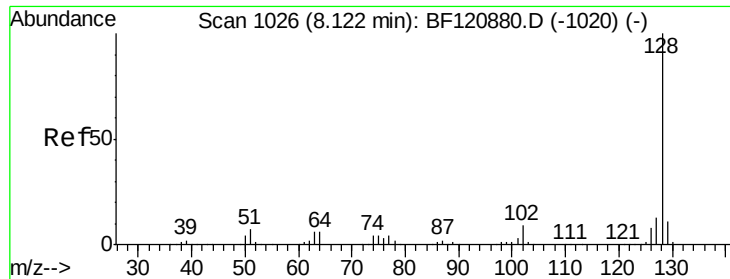
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	180	Resp:	347786
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.0	112.6
145	29.8	23.5	35.3





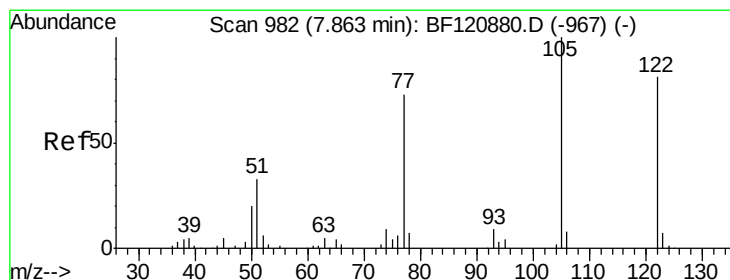
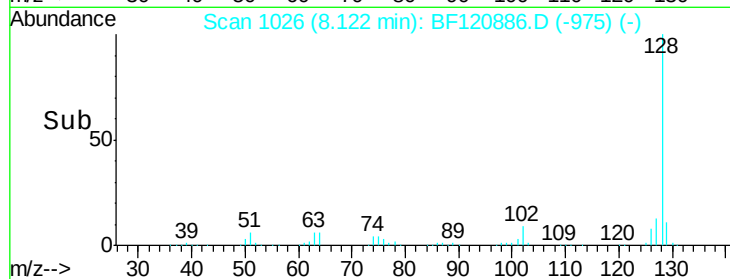
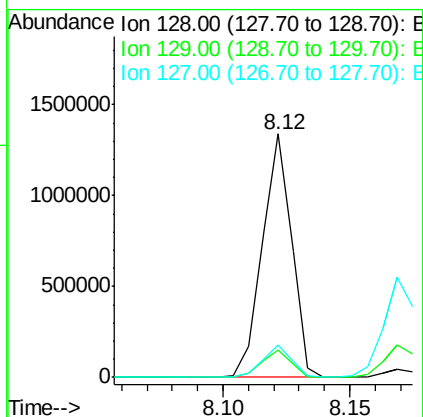
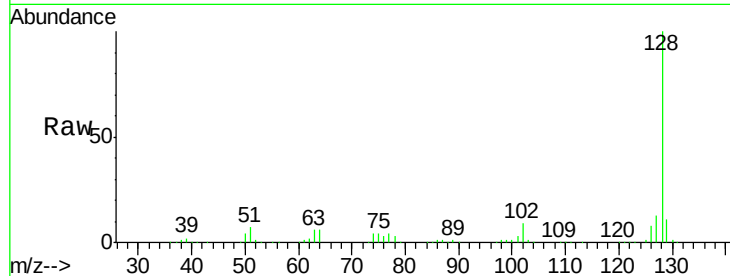
#31
Naphthalene
Concen: 38.968 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1087186
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 10.7 16.1

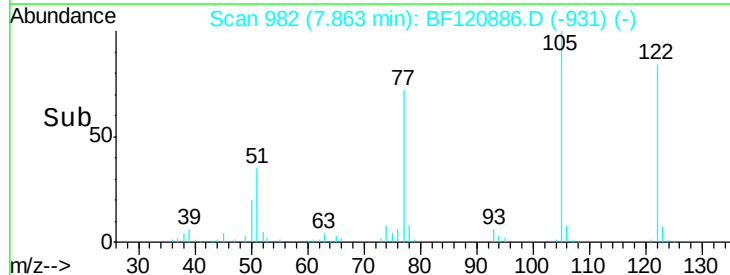
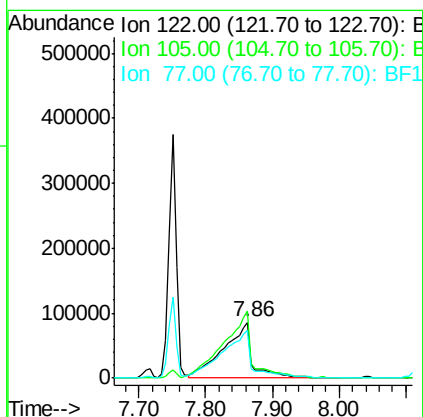
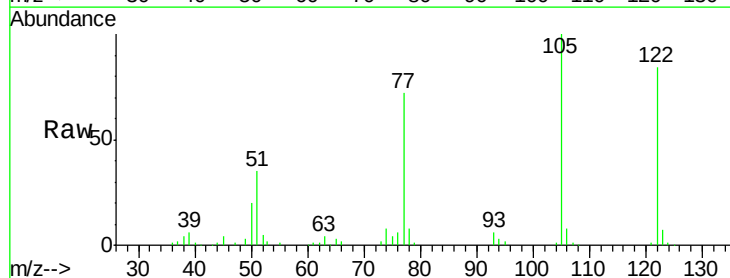
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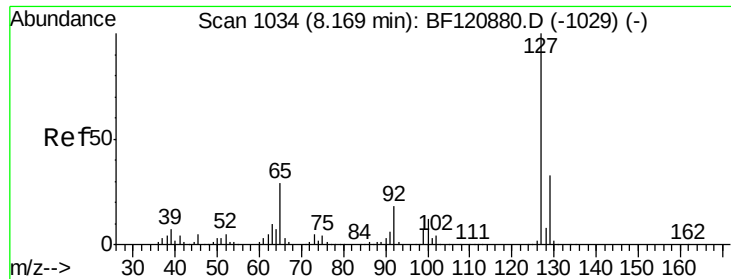
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#32
Benzoic acid
Concen: 44.414 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:122 Resp: 260458
Ion Ratio Lower Upper
122 100
105 119.6 101.3 141.3
77 86.5 69.1 109.1





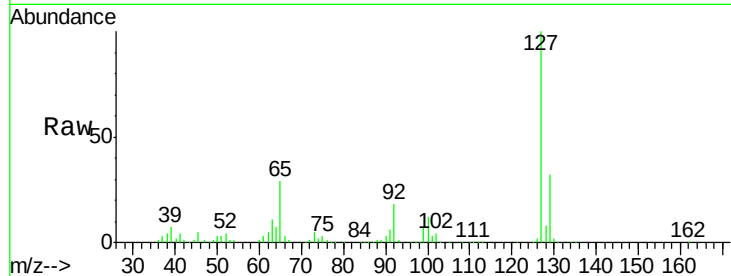
#33
4-Chloroaniline
Concen: 38.382 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

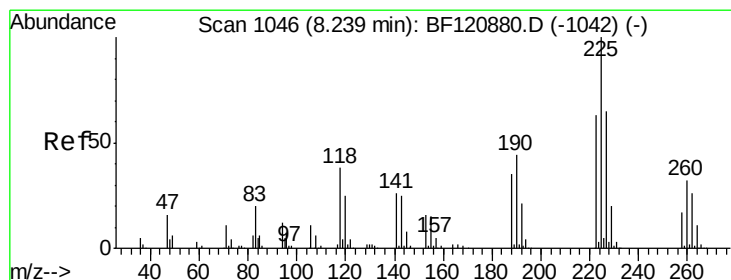
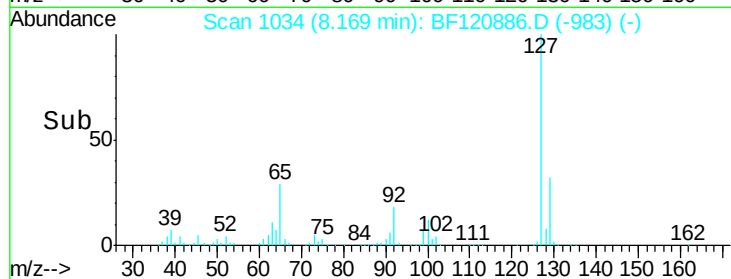
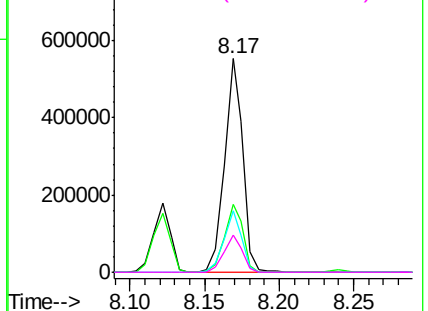
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		477687		
129	32.0	26.5	39.7		
65	28.6	23.0	34.4		
92	17.5	14.5	21.7		

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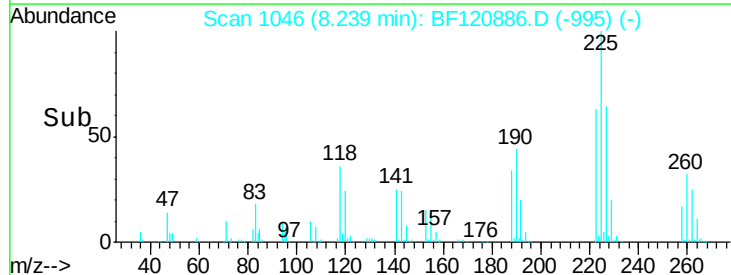
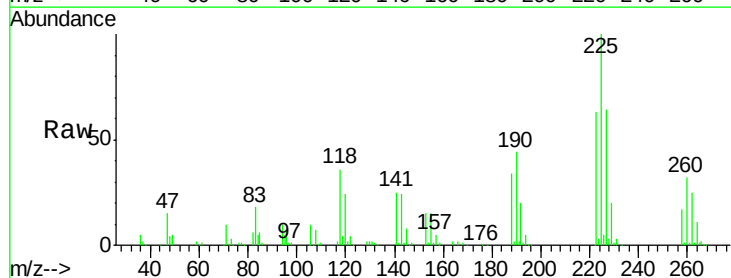
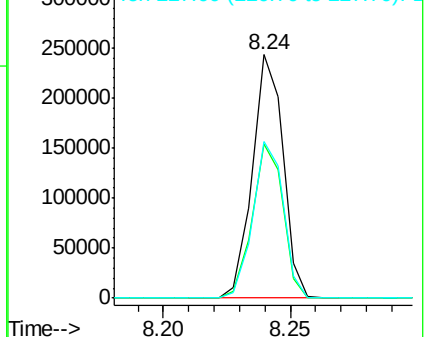
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

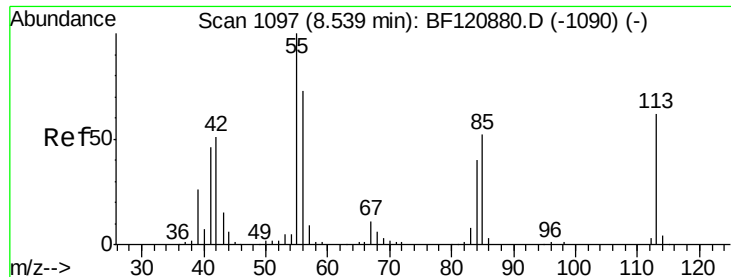


#34
Hexachlorobutadiene
Concen: 39.275 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		205057		
223	63.1	50.6	76.0		
227	64.4	52.2	78.2		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.242 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 100457

Ion Ratio Lower Upper

113 100

55 175.7 143.3 183.3

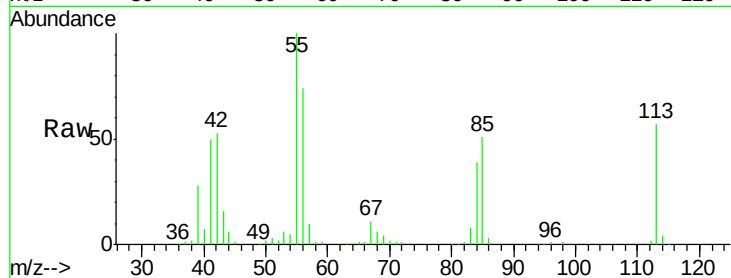
56 130.4 99.4 139.4

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

150000

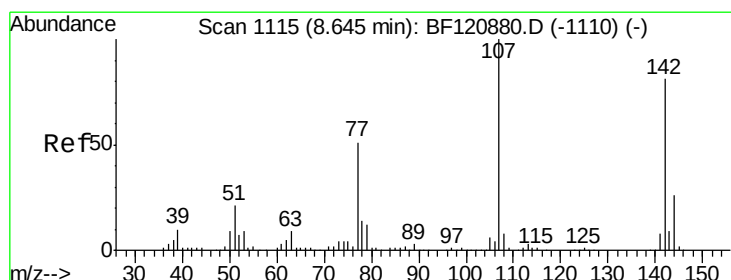
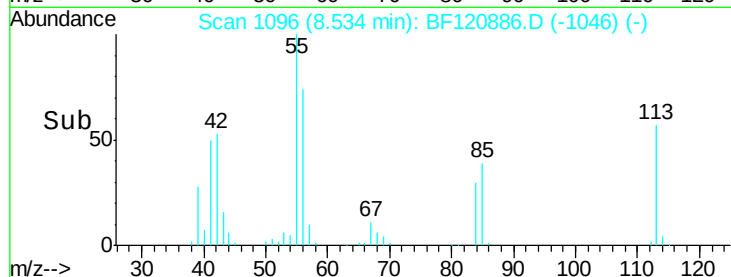
100000

50000

0

8.50 8.55 8.60

Time-->



#36

4-Chloro-3-methylphenol

Concen: 38.895 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

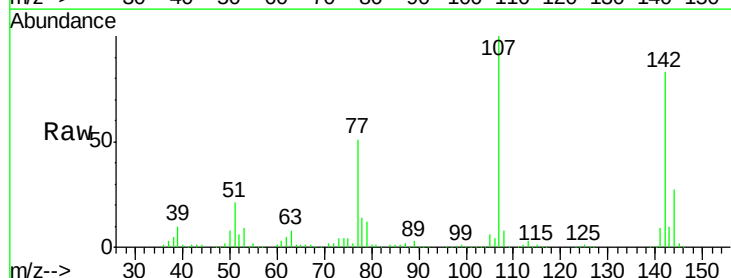
Tgt Ion:107 Resp: 318437

Ion Ratio Lower Upper

107 100

144 26.8 21.0 31.6

142 82.6 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

500000

400000

300000

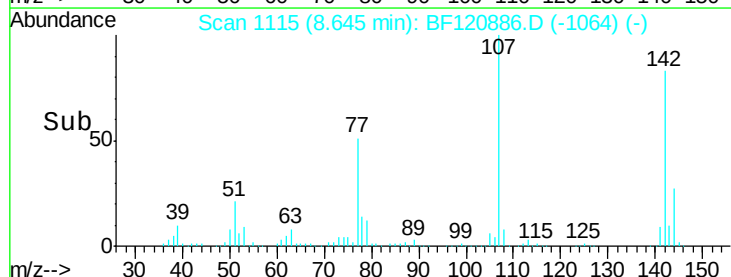
200000

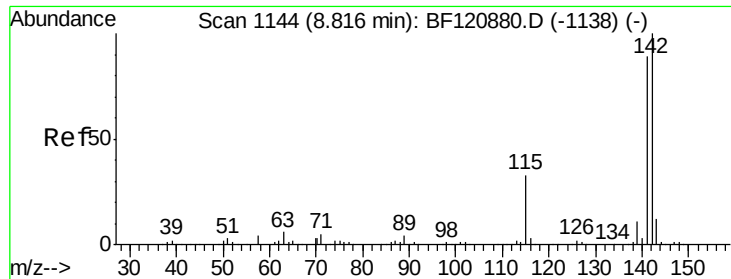
100000

0

8.60 8.65 8.70 8.75

Time-->





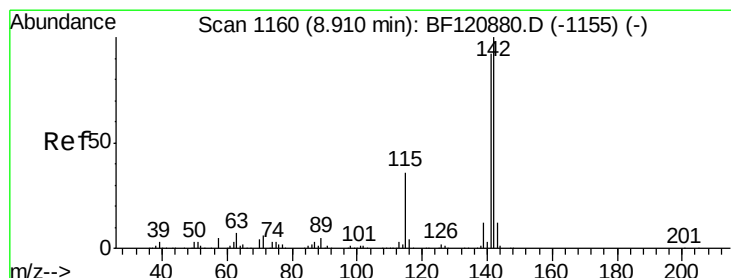
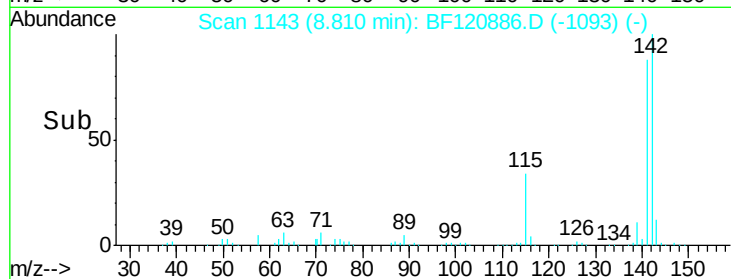
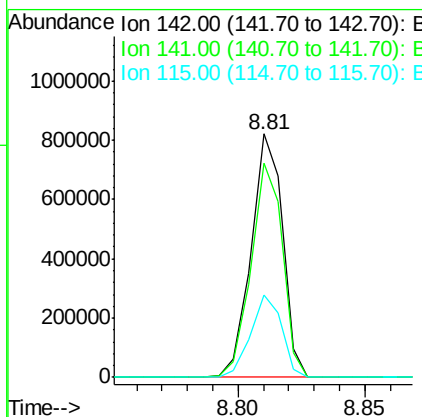
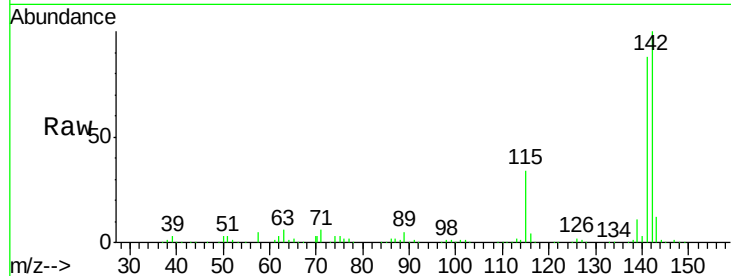
#37
2-Methylnaphthalene
Concen: 39.275 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4
115	33.7	26.0	39.0

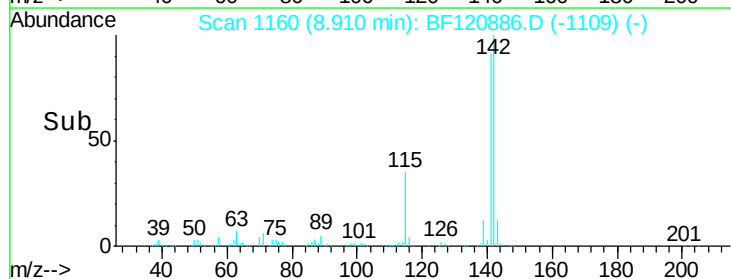
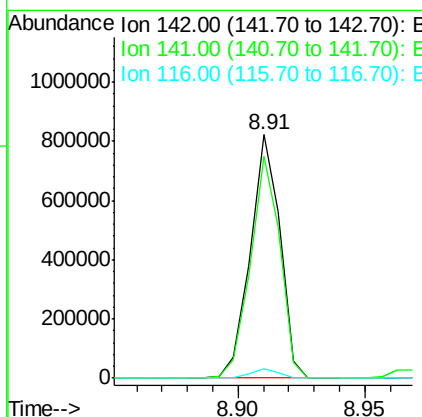
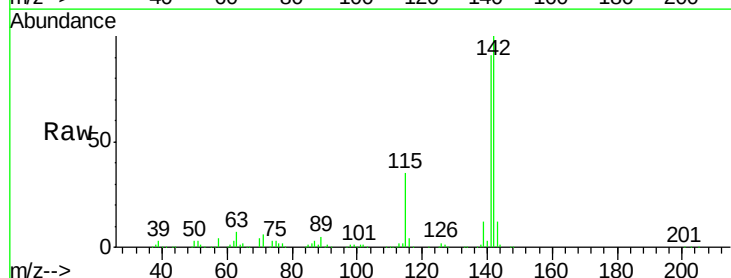
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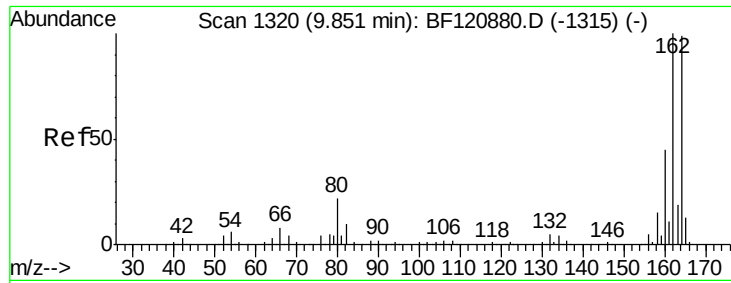
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#38
1-Methylnaphthalene
Concen: 39.105 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
116	3.8	3.0	4.6





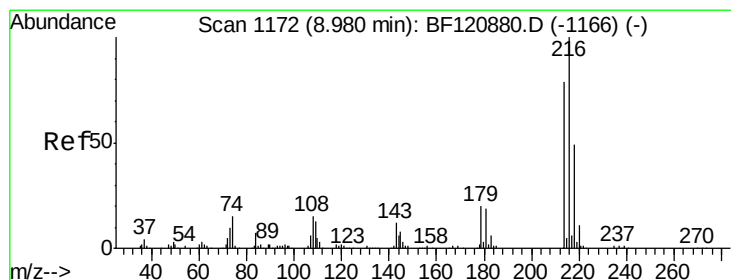
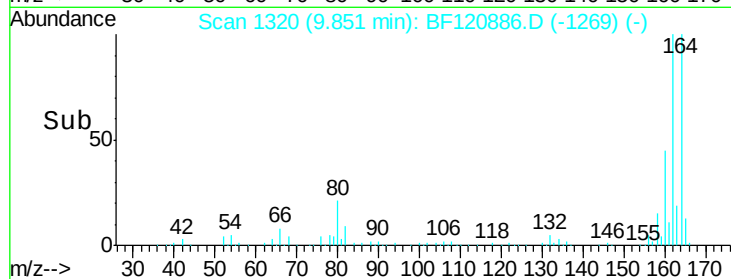
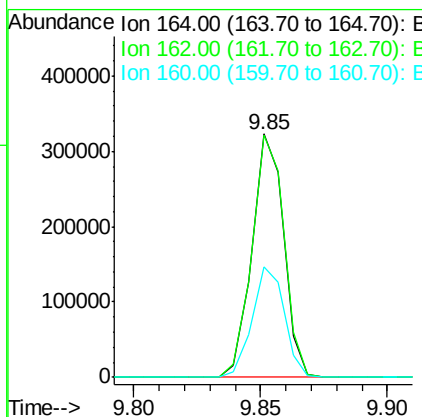
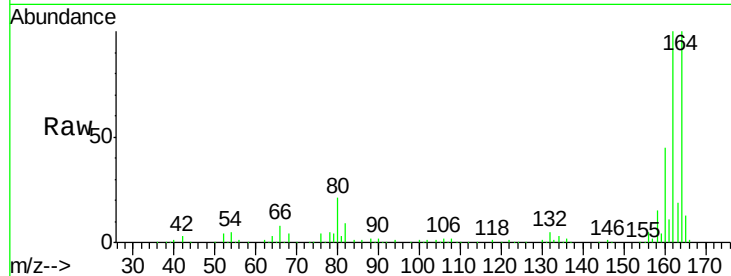
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	281371		
162	99.7	81.2	121.8	
160	45.1	36.9	55.3	

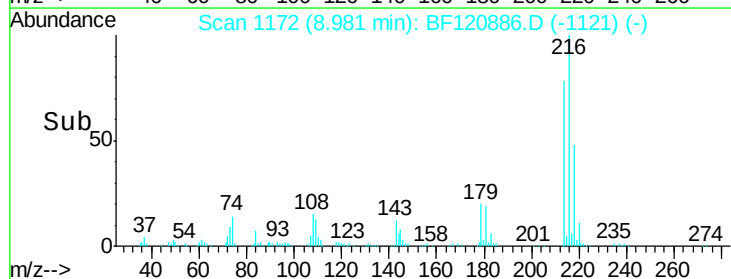
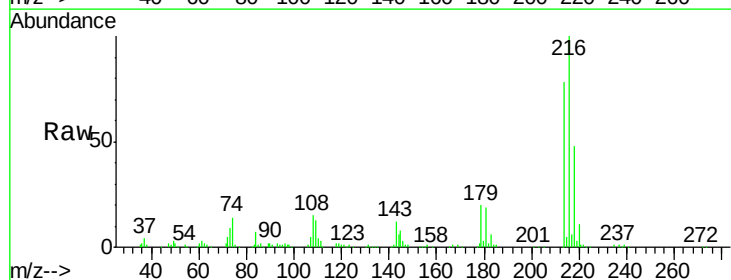
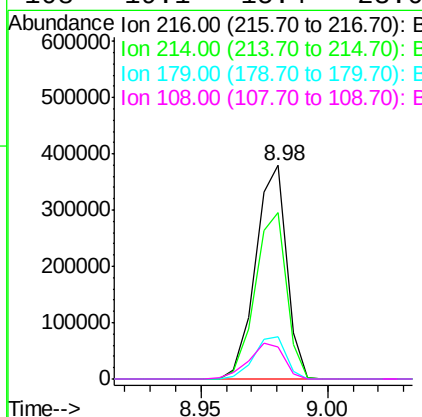
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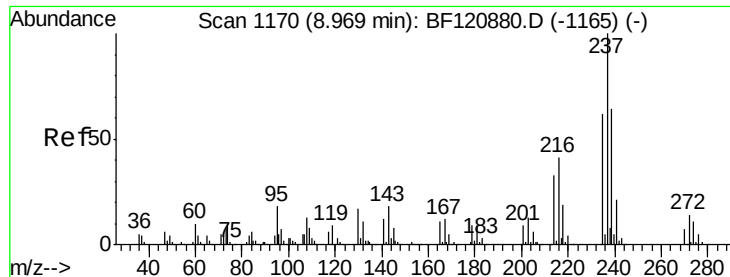
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.701 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	325468		
214	79.0	63.8	95.8	
179	20.6	16.6	24.8	
108	19.1	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 39.873 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

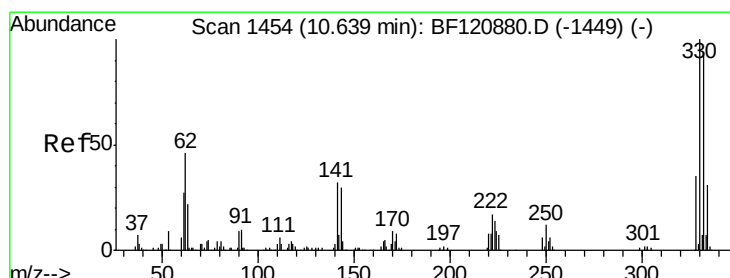
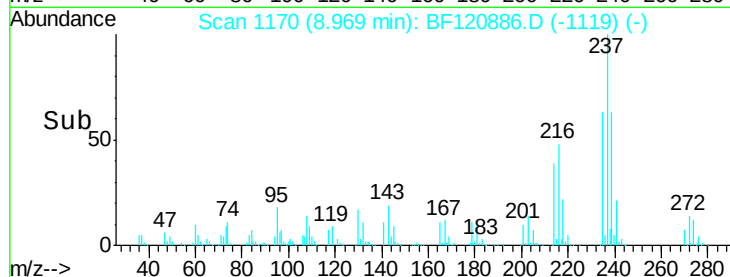
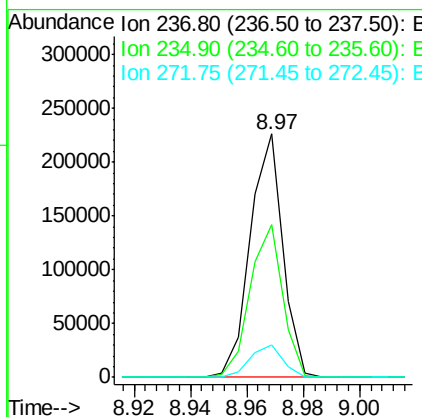
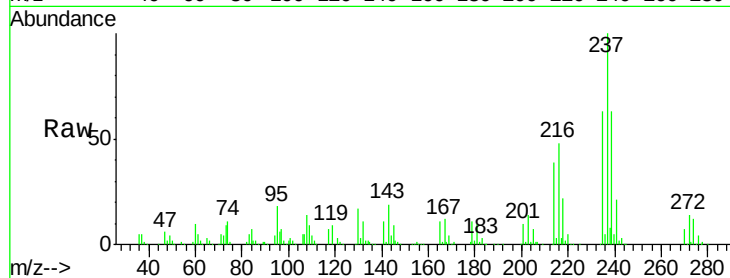
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	180657
Ion Ratio		Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.5	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 80.566 ng

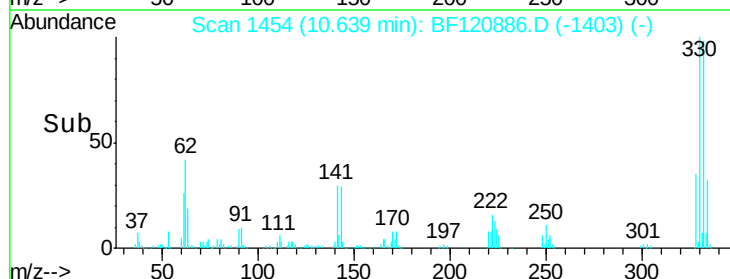
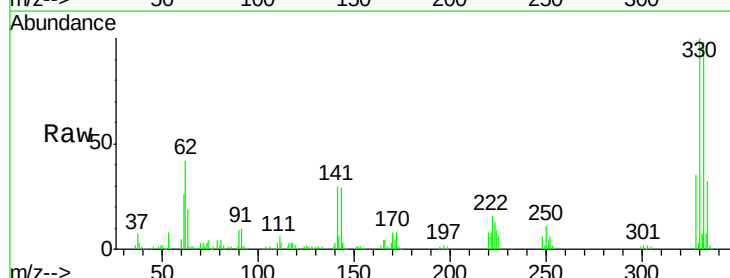
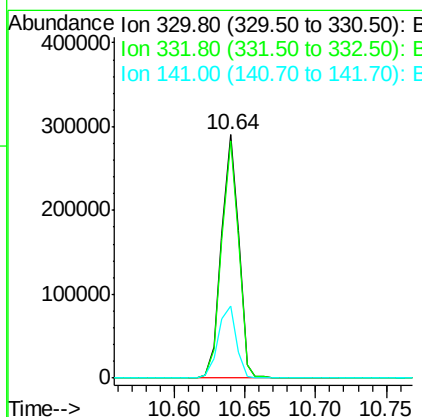
RT: 10.64 min Scan# 1454

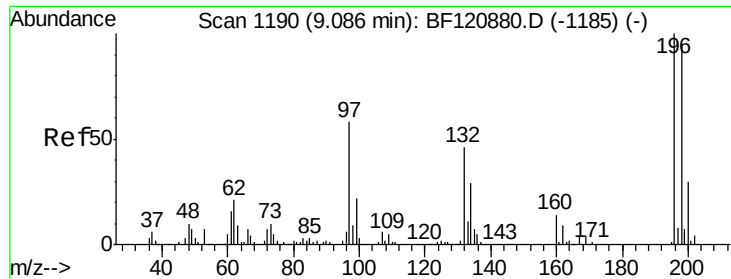
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	330	Resp:	248135
Ion Ratio		Lower	Upper
330	100		
332	96.4	75.5	113.3
141	31.0	25.7	38.5





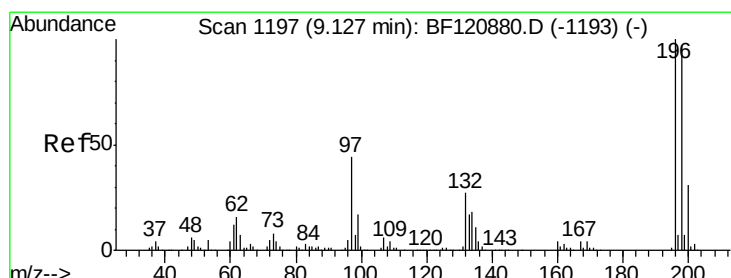
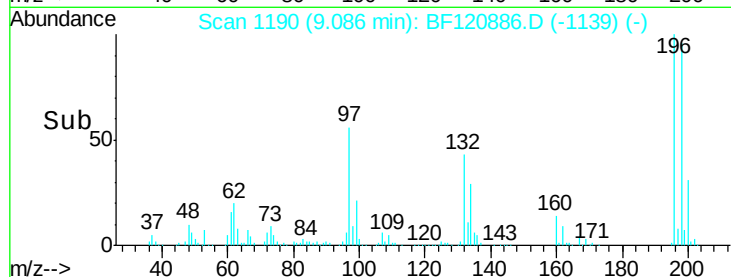
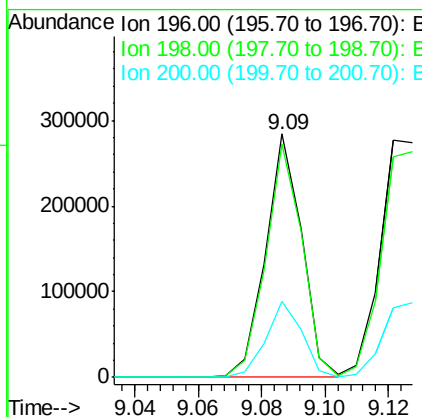
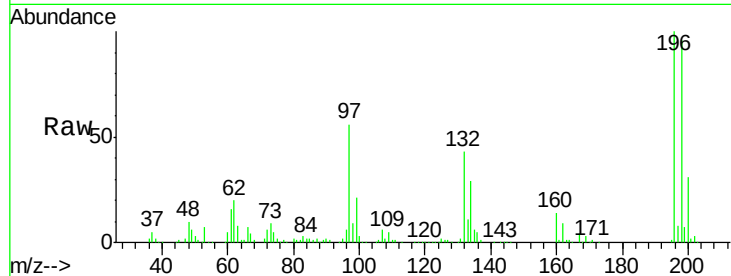
#43
 2,4,6-Trichlorophenol
 Concen: 39.119 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	225796
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
200	30.9	24.4	36.6

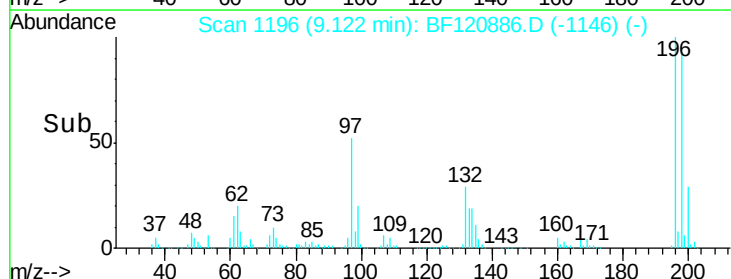
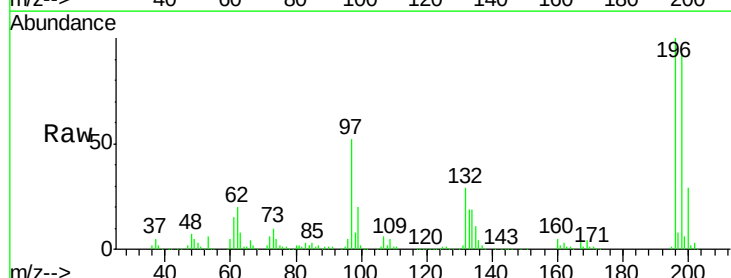
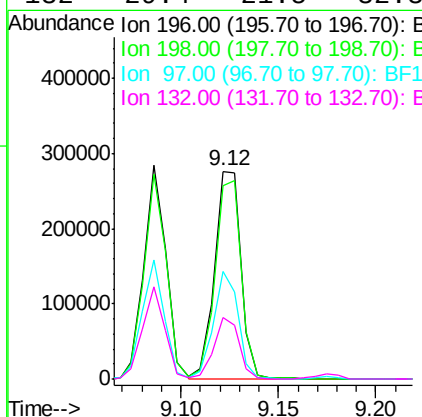
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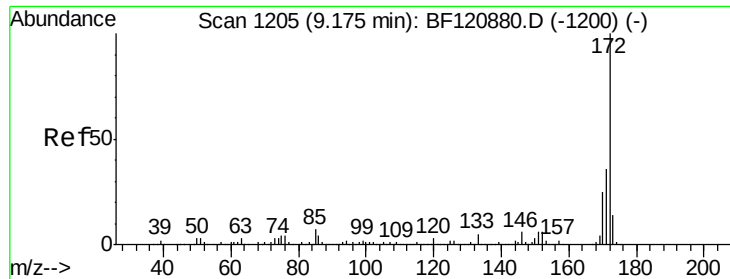
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.616 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:	196	Resp:	259383
Ion Ratio	Lower	Upper	
196	100		
198	93.2	77.6	116.4
97	51.8	35.6	53.4
132	29.4	21.5	32.3





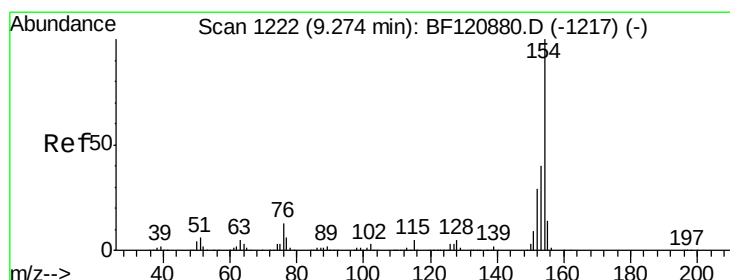
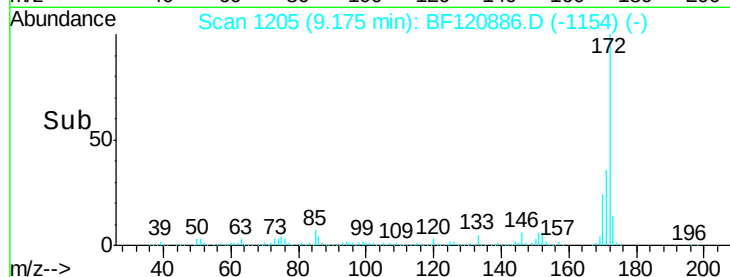
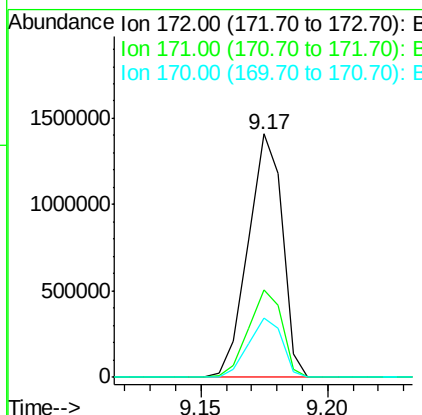
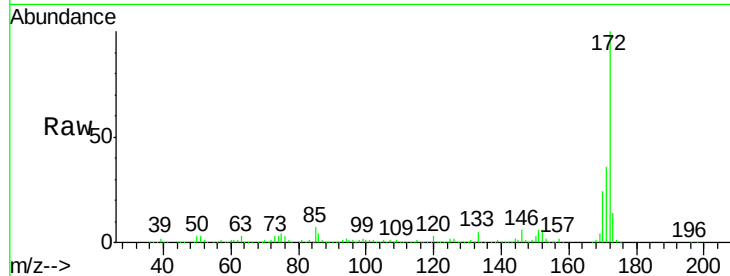
#45
2-Fluorobiphenyl
Concen: 70.183 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.4	19.6	29.4

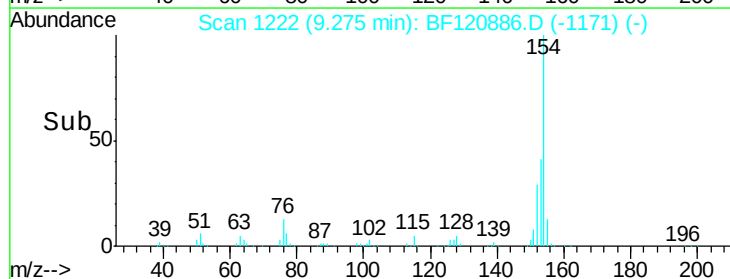
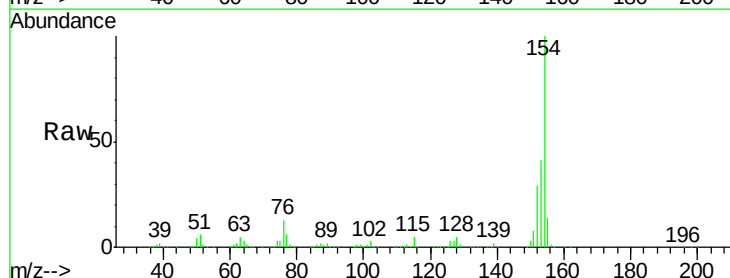
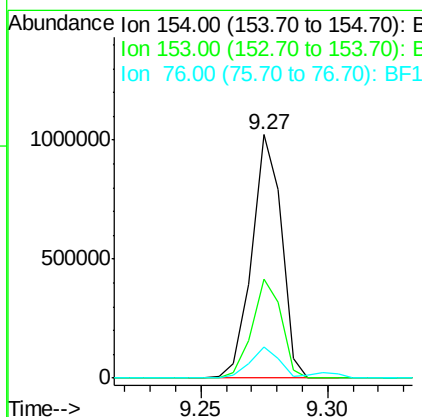
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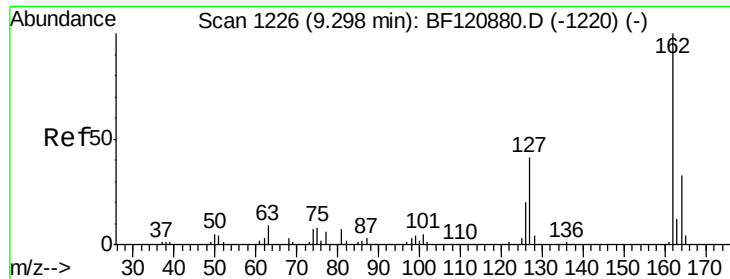
mohammad
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#46
1,1'-Biphenyl
Concen: 38.828 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	12.9	0.0	33.1





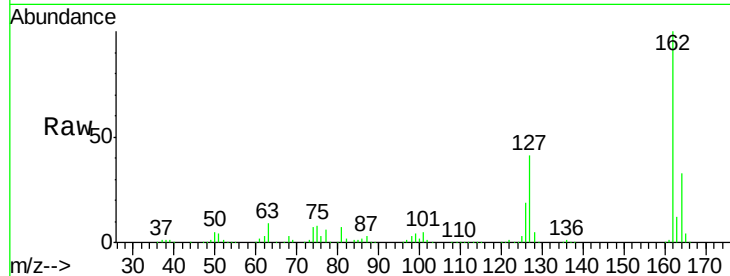
#47
2-Chloronaphthalene
Concen: 38.678 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.3	49.9
164	33.1	26.6	39.8

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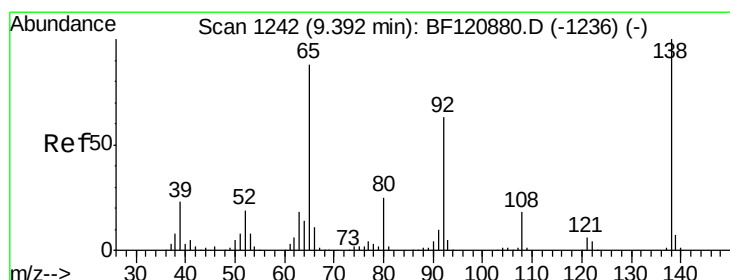
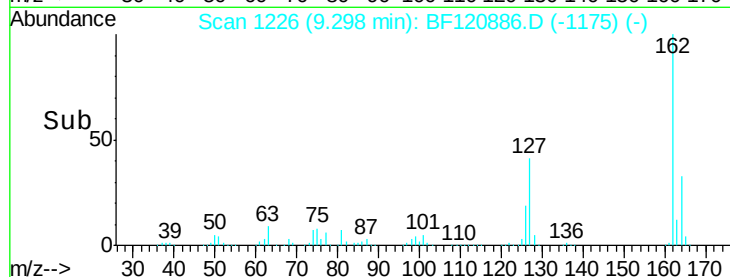
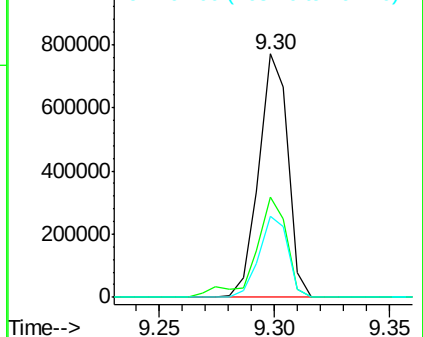


Abundance

Ion 162.00 (161.70 to 162.70): E

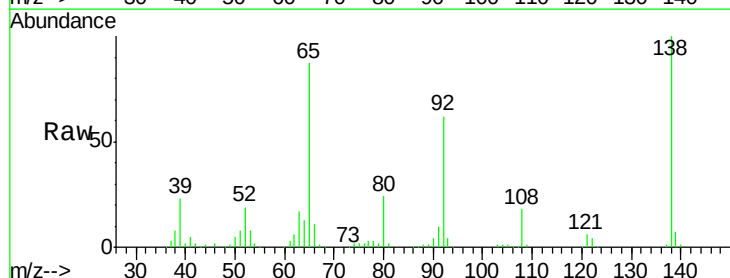
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.0	85.4
138	115.4	90.4	135.6

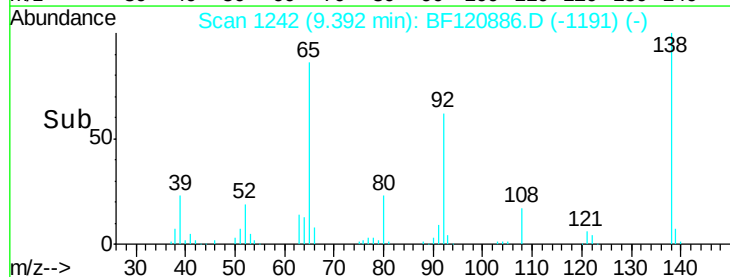
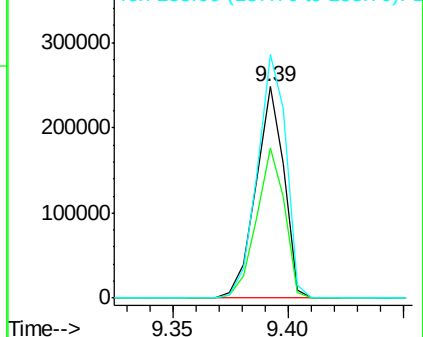


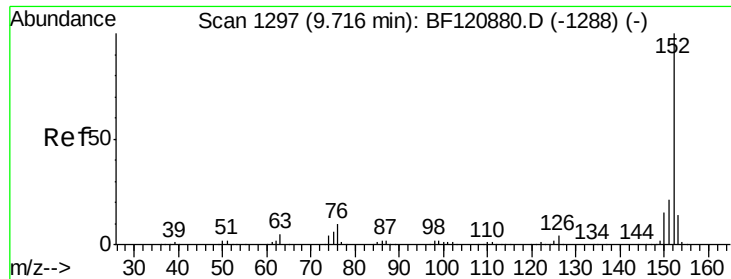
Abundance

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: 38.738 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1053086

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

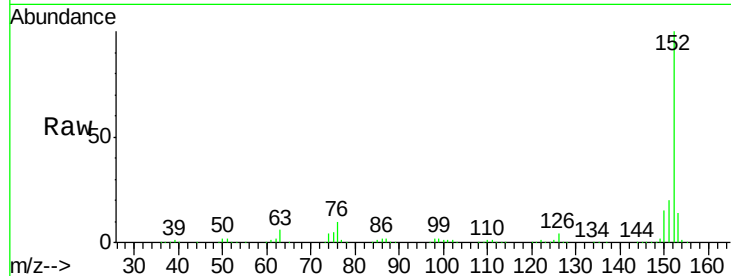
153 13.5 10.9 16.3

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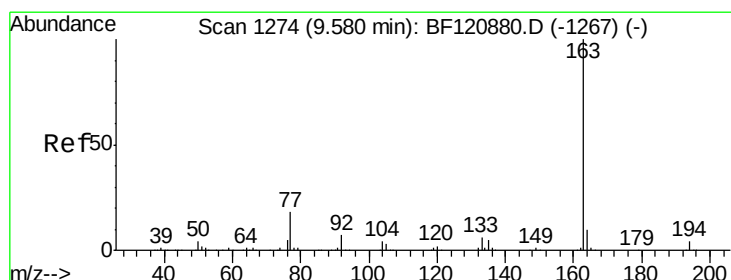
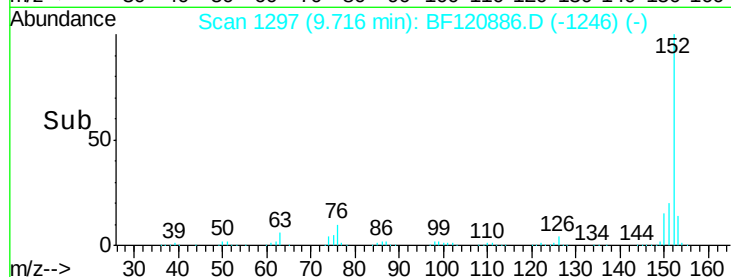
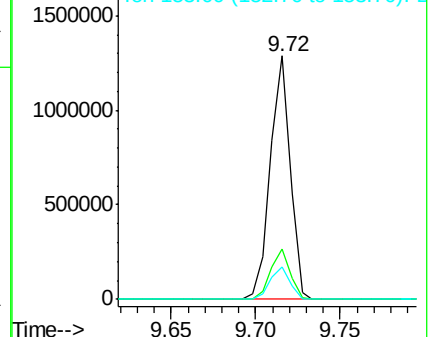
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.568 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

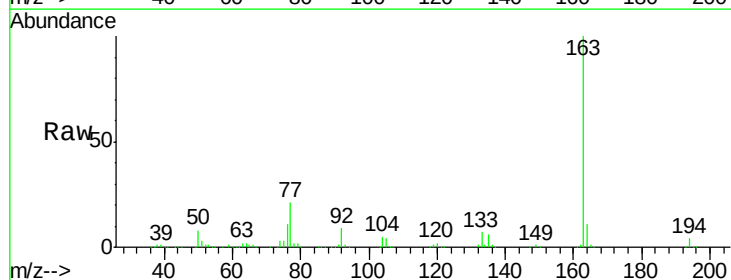
Tgt Ion:163 Resp: 782905

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

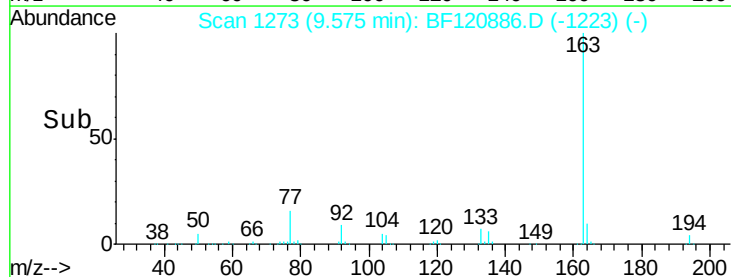
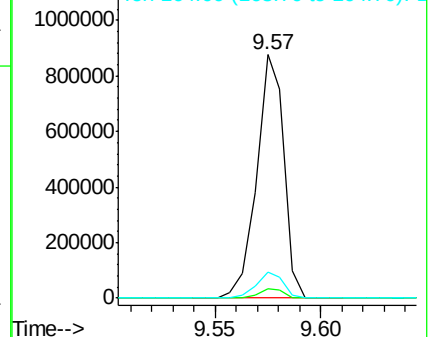
164 10.6 7.9 11.9

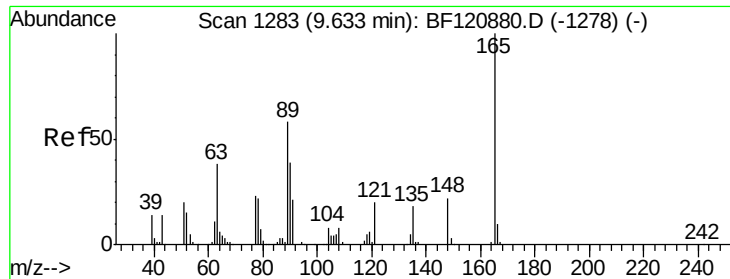


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.233 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 175461

Ion Ratio Lower Upper

165 100

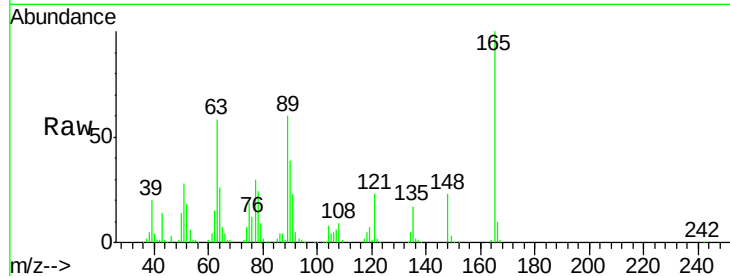
63 58.0 45.4 68.2

89 60.1 47.0 70.4

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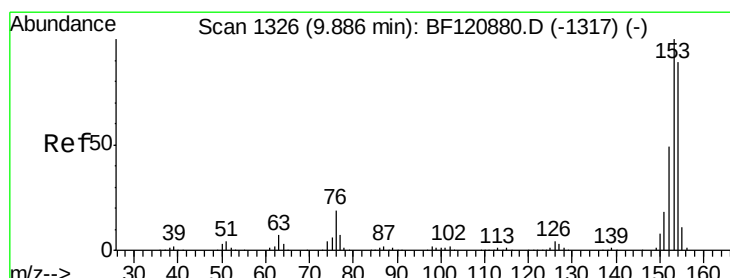
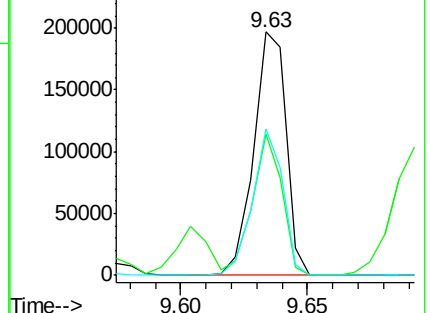
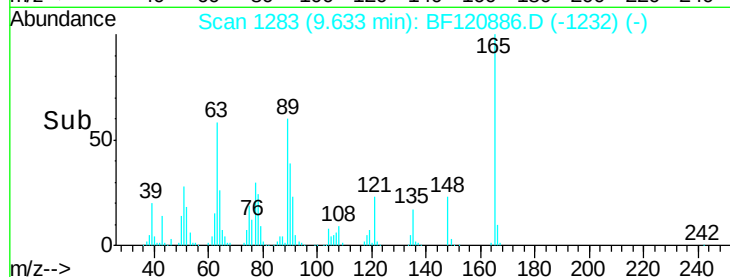
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.407 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

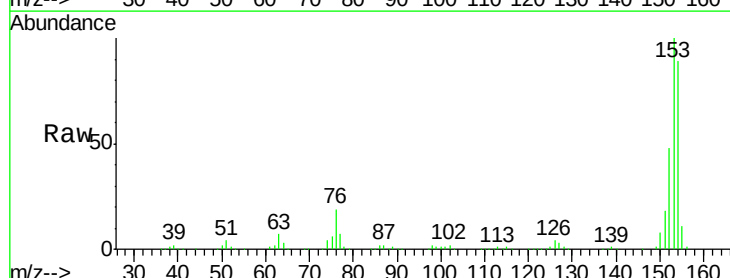
Tgt Ion:154 Resp: 681088

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

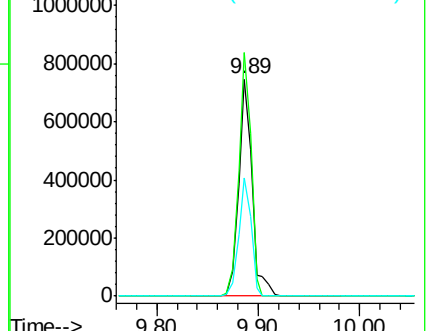
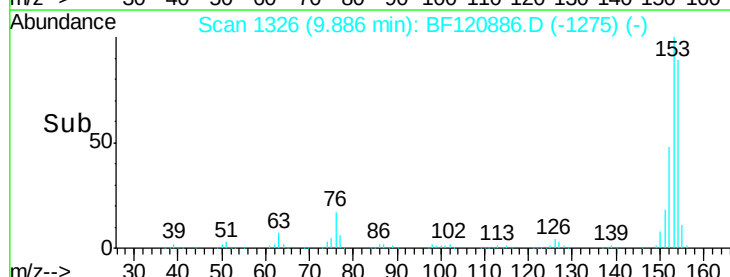
152 54.2 44.2 66.2

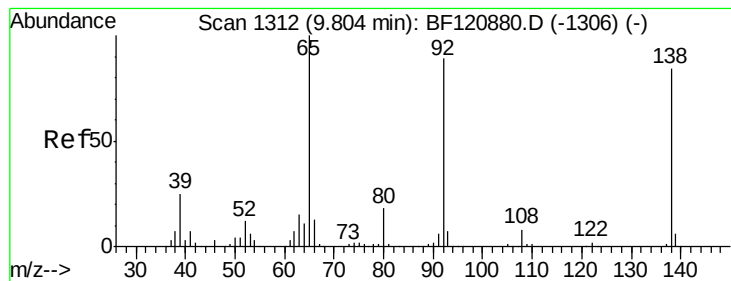


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.478 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

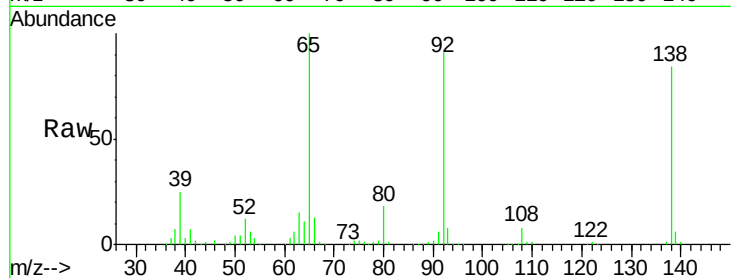
ClientSampleId :

SSTDCCC040

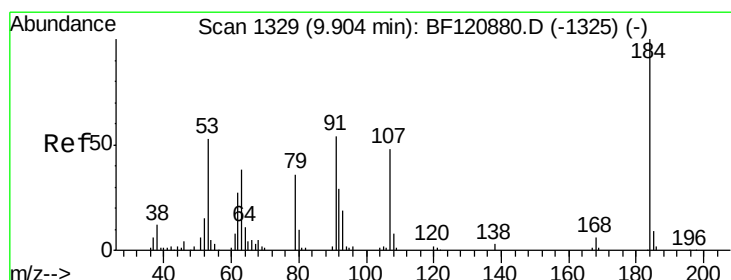
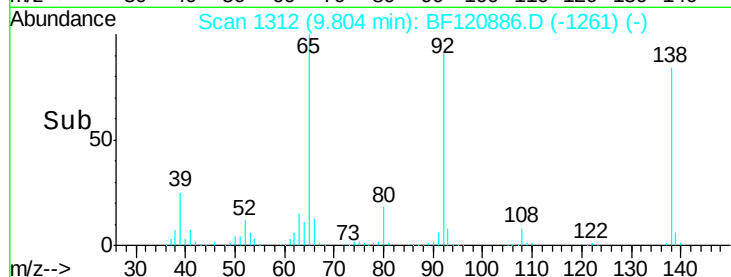
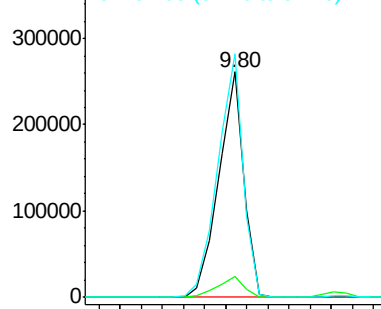
Tot Ion:	138	Resp:	215931
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.9	11.9
92	108.0	85.3	127.9

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Abundance Ion 138.00 (137.70 to 138.70): E



#54

2,4-Dinitrophenol

Concen: 37.064 ng

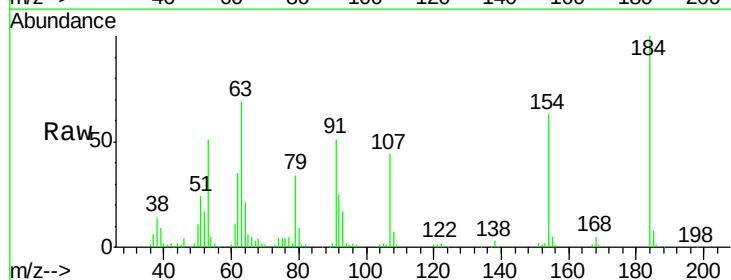
RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

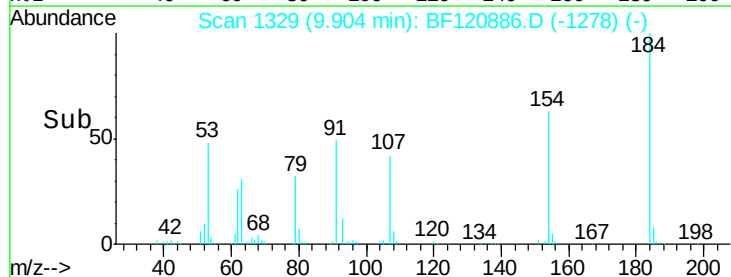
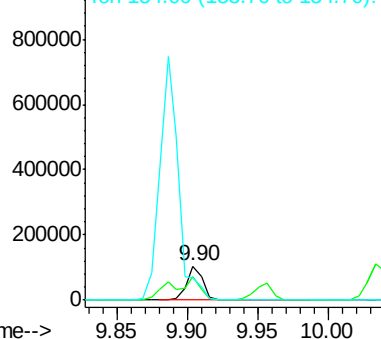
Lab File: BF120886.D

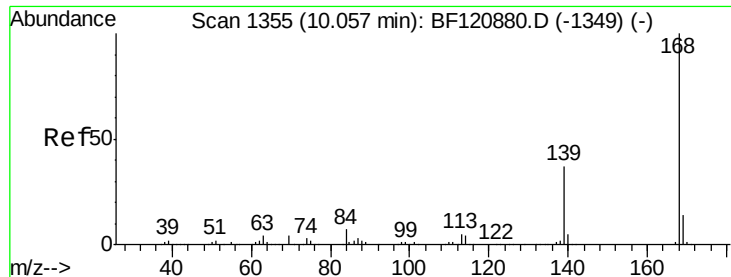
Acq: 16 Jul 2020 15:25

Tgt Ion:	184	Resp:	82974
Ion Ratio	Lower	Upper	
184	100		
63	69.0	57.9	86.9
154	63.4	52.6	78.8



Abundance Ion 184.00 (183.70 to 184.70): E





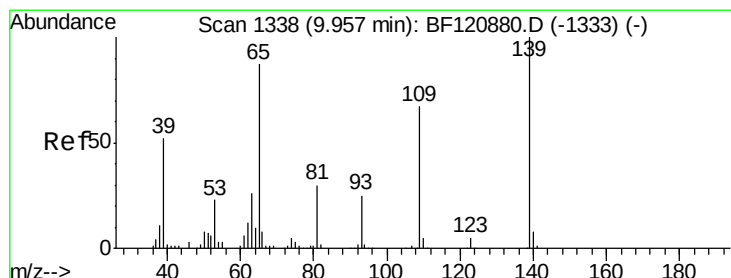
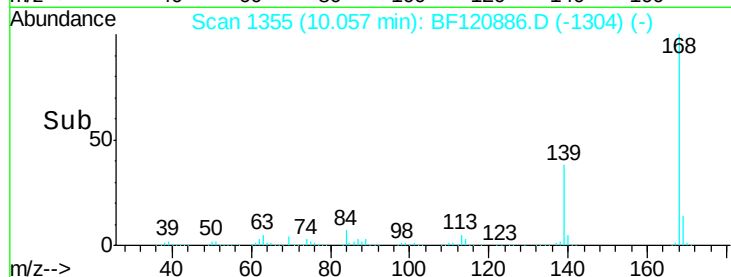
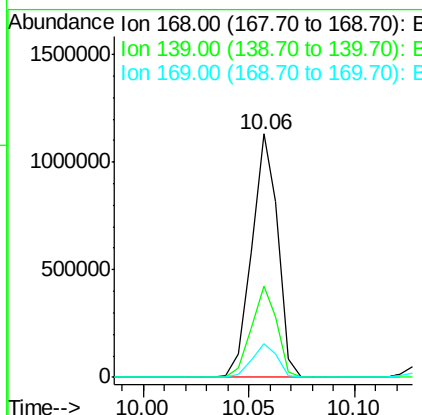
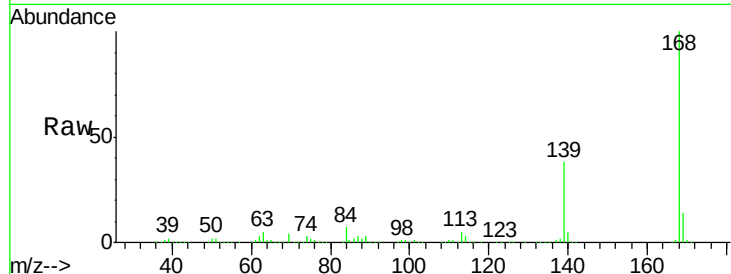
#55
Dibenzenofuran
Concen: 38.492 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.7	44.5
169	14.0	11.1	16.7

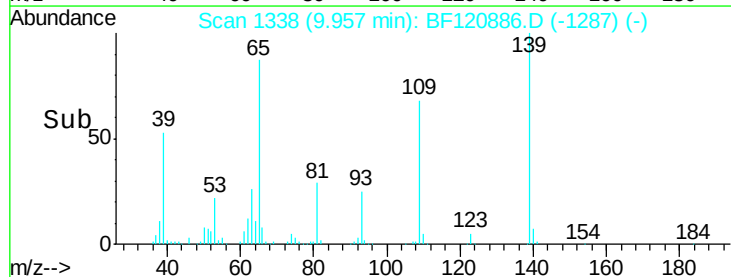
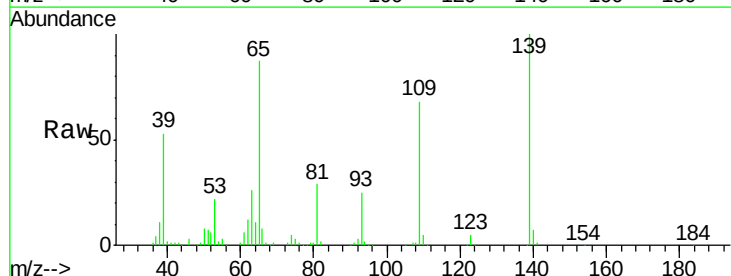
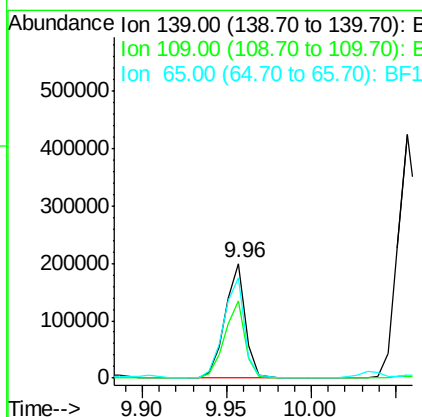
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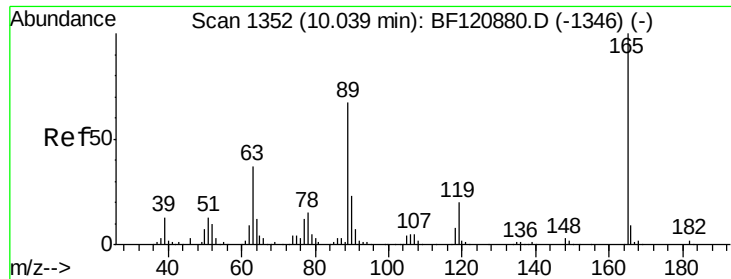
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#56
4-Nitrophenol
Concen: 39.990 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	47.3	87.3
65	87.2	67.2	107.2





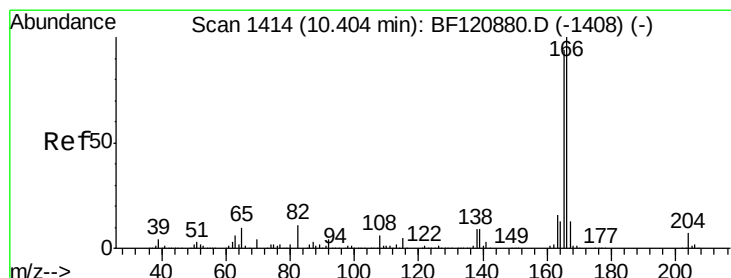
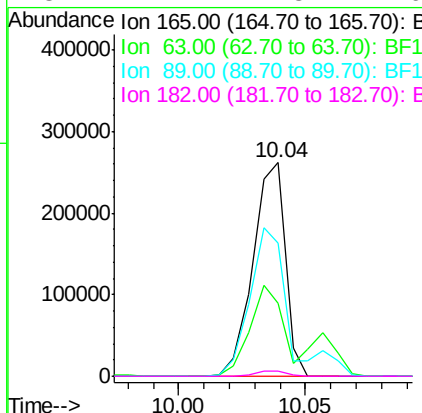
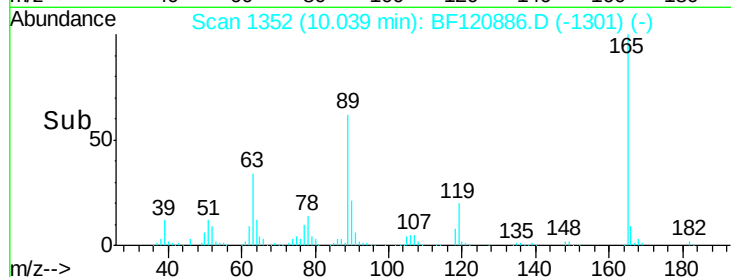
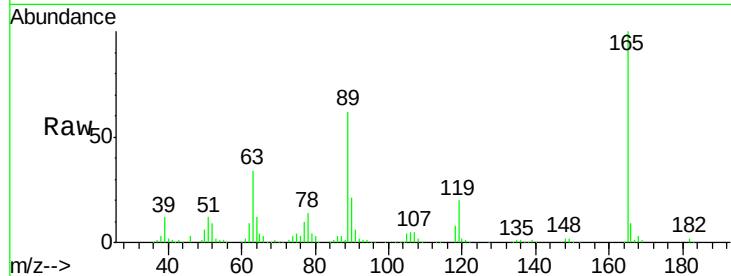
#57
2,4-Dinitrotoluene
Concen: 40.862 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		234019		
63	34.4	29.4	44.2		
89	62.2	53.4	80.0		
182	2.4	1.8	2.6		

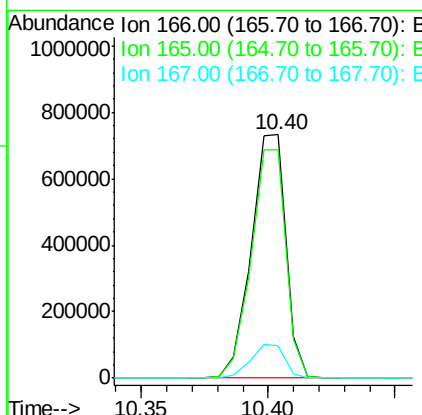
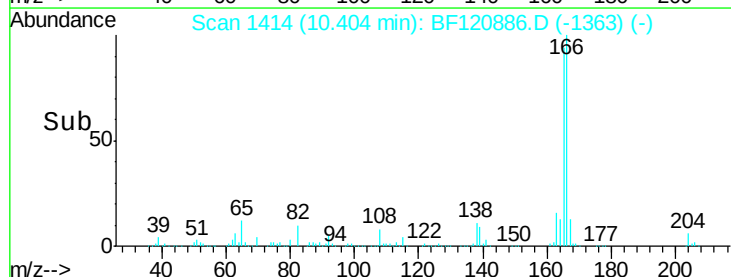
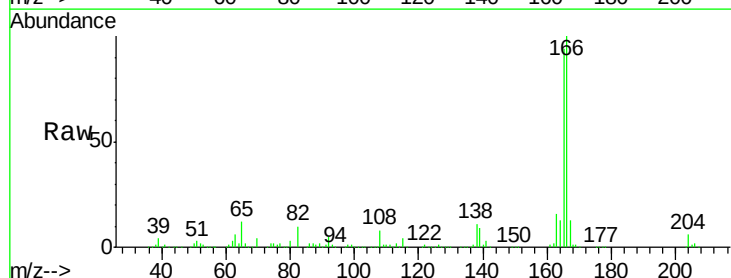
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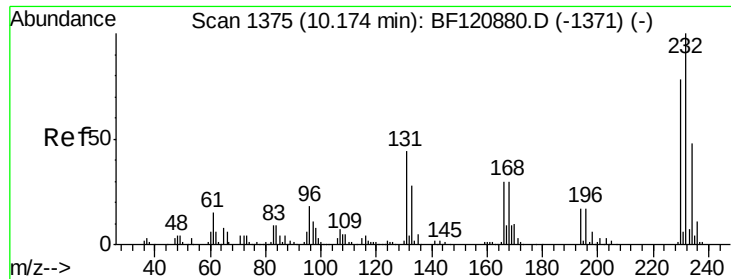
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#58
Fluorene
Concen: 37.477 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		698598		
165	94.0	75.4	113.0		
167	13.2	10.6	15.8		





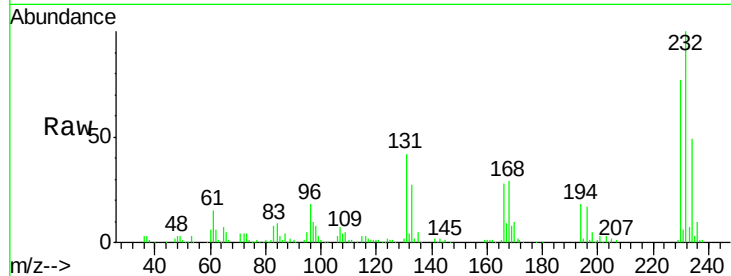
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.355 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

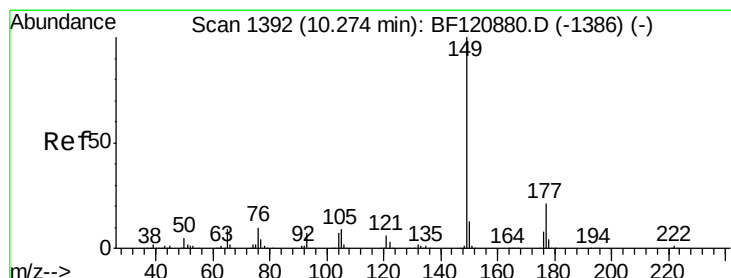
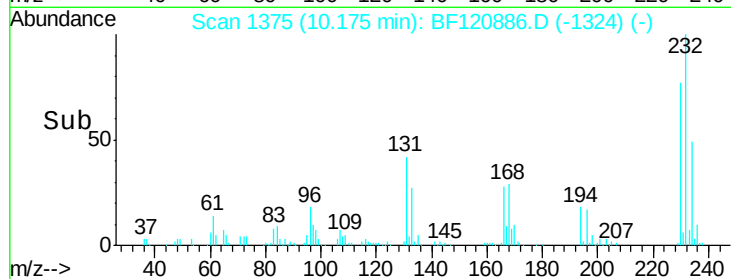
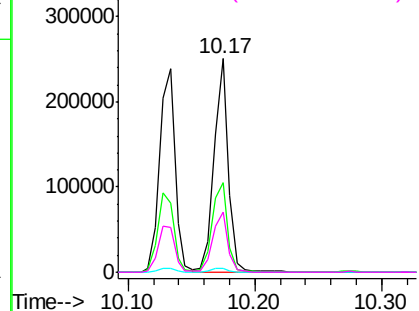
Tot Ion	Ratio	Resp	Lower	Upper
232	100	201176		
131	44.9		37.1	55.7
130	2.2		1.7	2.5
166	29.5		24.2	36.4

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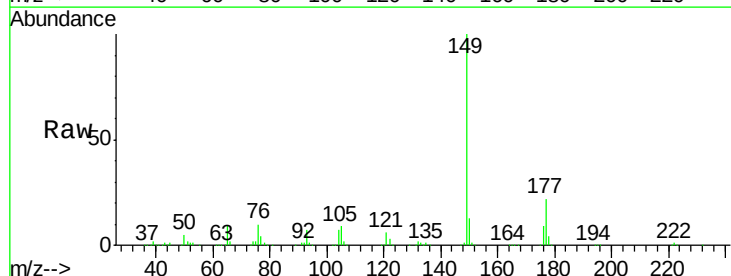


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

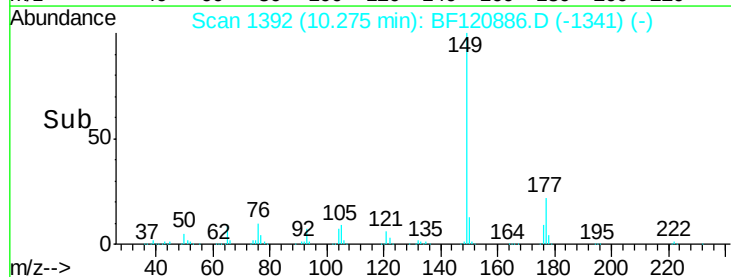
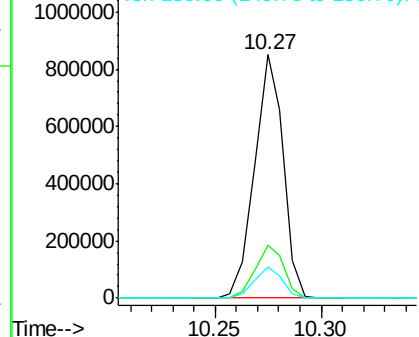


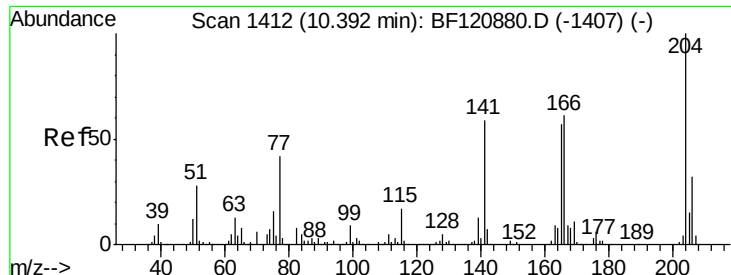
#60
 Diethylphthalate
 Concen: 38.970 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	800128		
177	21.7		17.1	25.7
150	12.9		10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





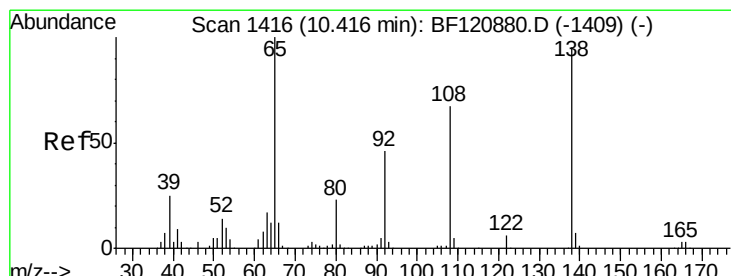
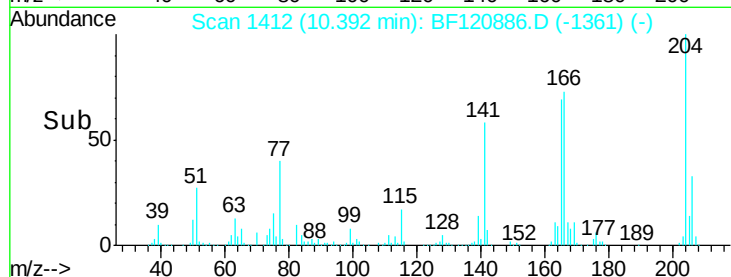
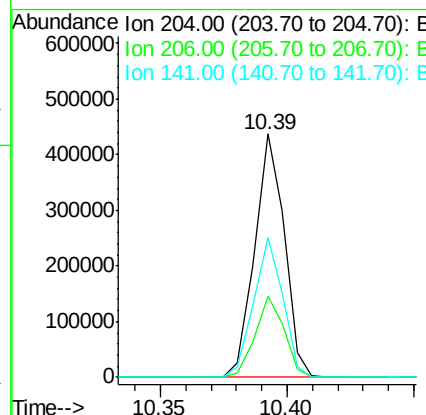
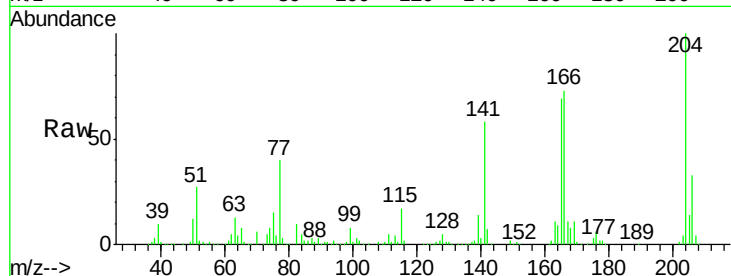
#61
4-Chlorophenyl-phenylether
Concen: 35.884 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.9	38.9
141	57.6	47.2	70.8

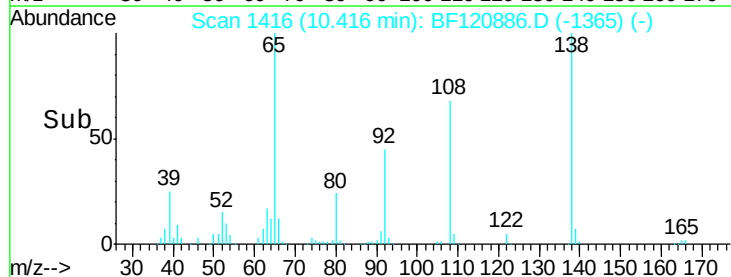
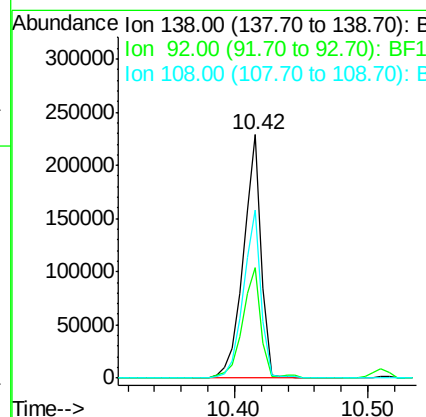
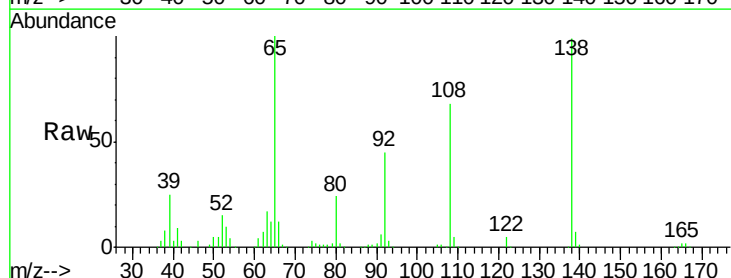
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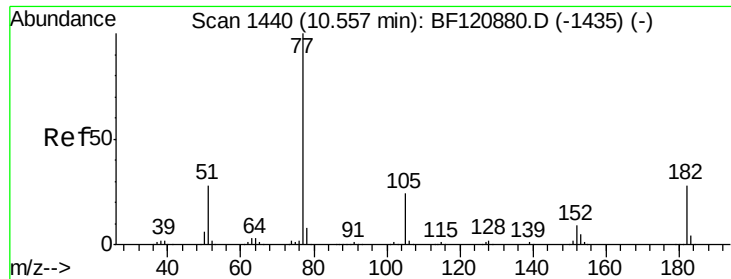
mohammad
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#62
4-Nitroaniline
Concen: 39.902 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	28.6	68.6
108	69.1	51.1	91.1





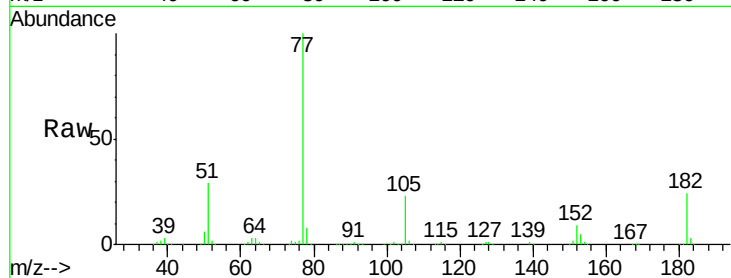
#63
Azobenzene
Concen: 38.550 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

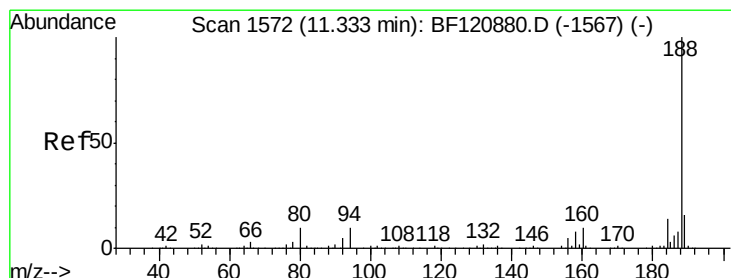
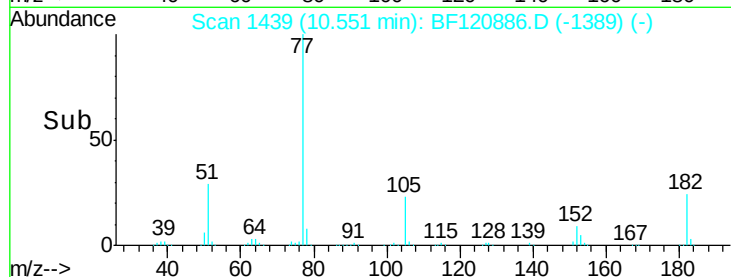
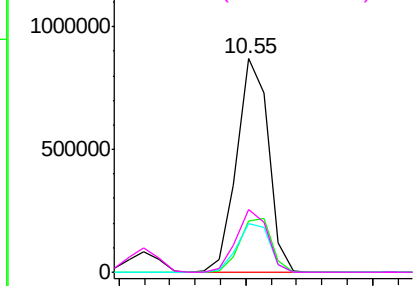
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.8	7.8	47.8
105	22.9	4.4	44.4
51	29.4	8.0	48.0

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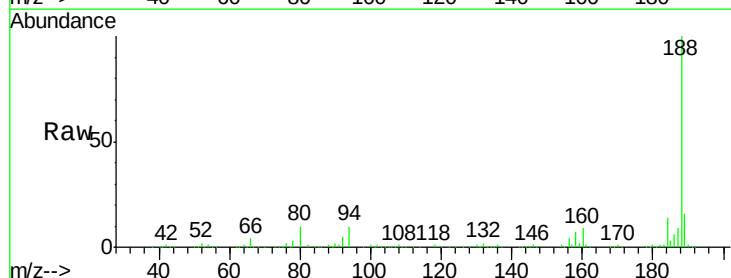


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

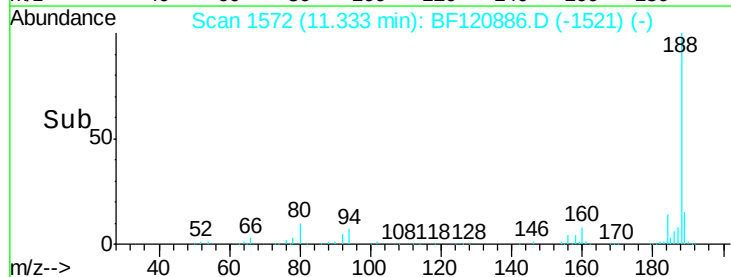
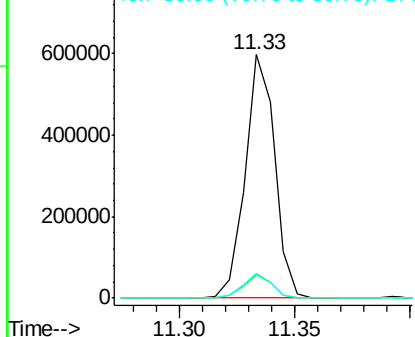


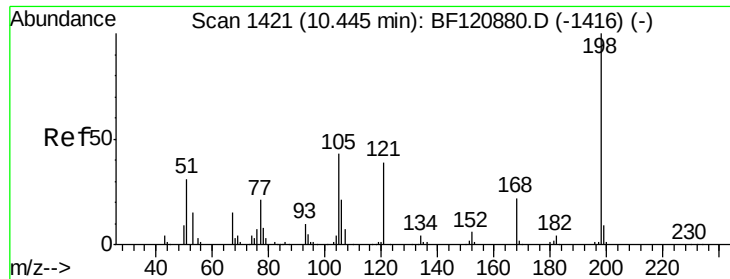
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.1	8.3	12.5



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





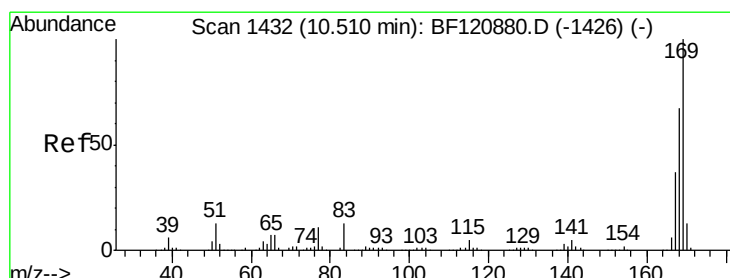
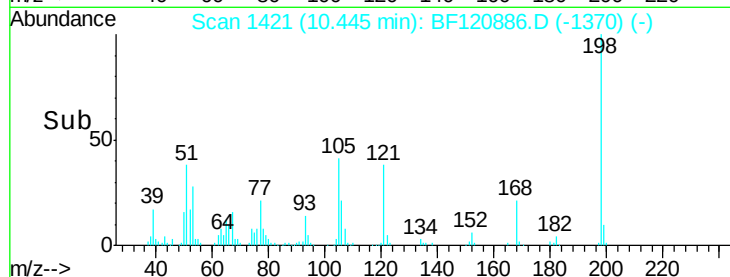
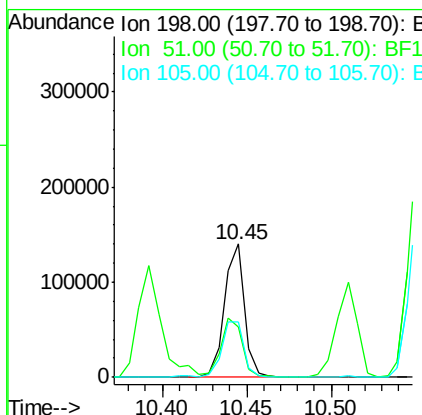
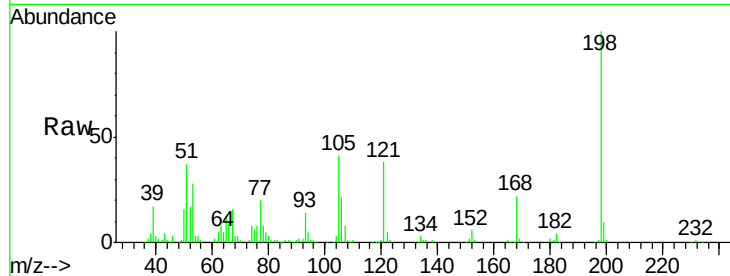
#65
4,6-Dinitro-2-methylphenol
Concen: 38.141 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115088		
51	37.5	19.5	59.5	
105	41.4	24.4	64.4	

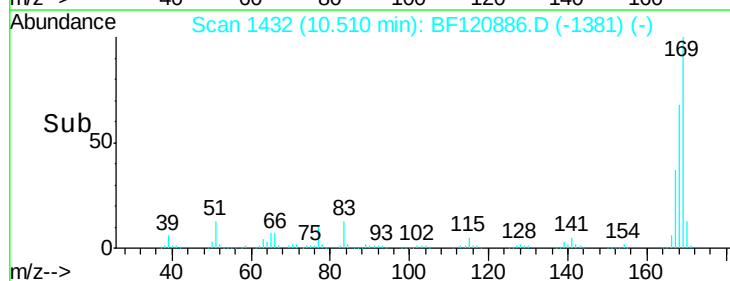
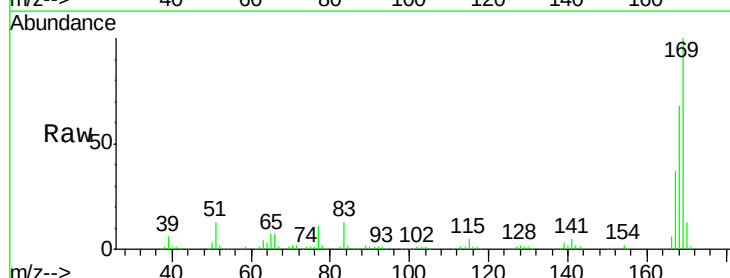
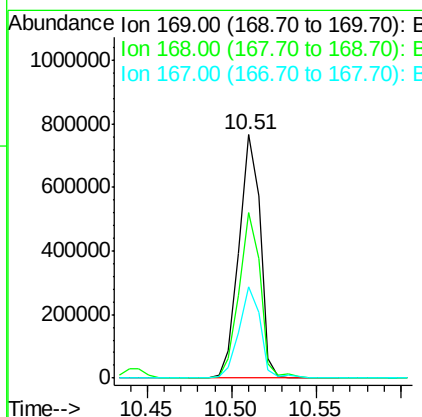
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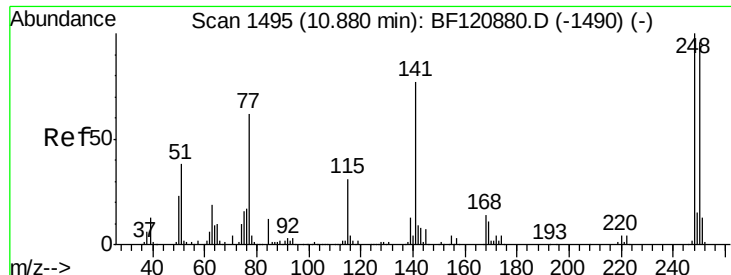
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.933 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	670012		
168	67.9	53.4	80.0	
167	37.3	29.4	44.0	





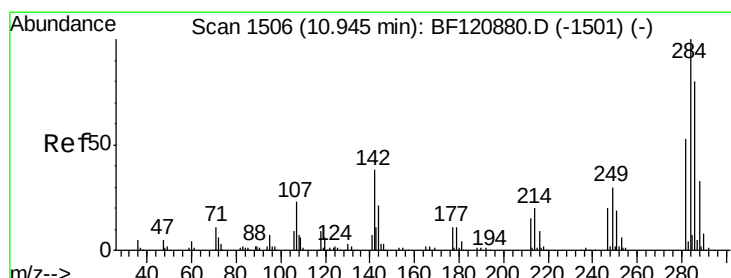
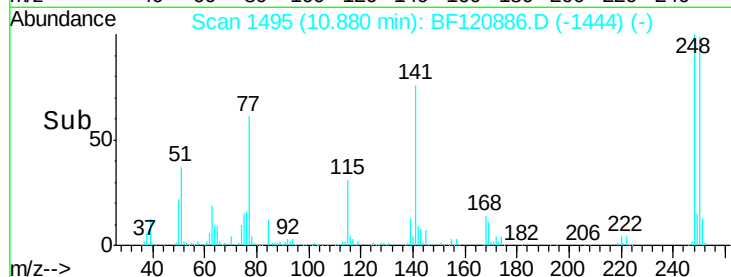
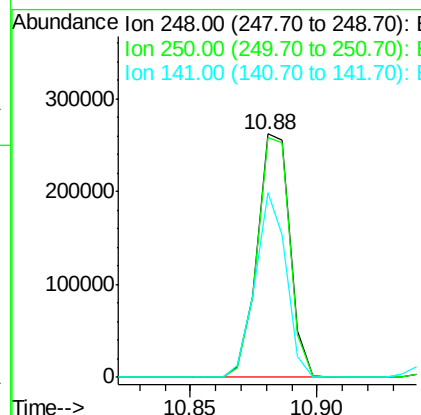
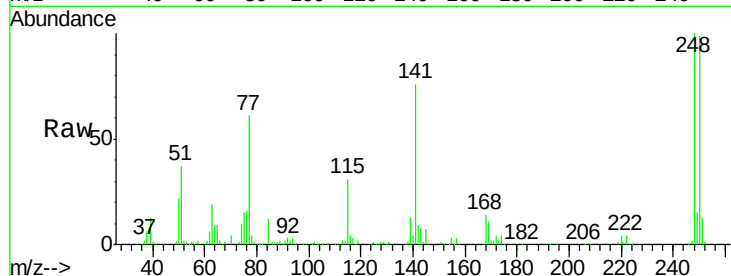
#67
 4-Bromophenyl-phenylether
 Concen: 39.719 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.1	115.7
141	75.8	61.2	91.8

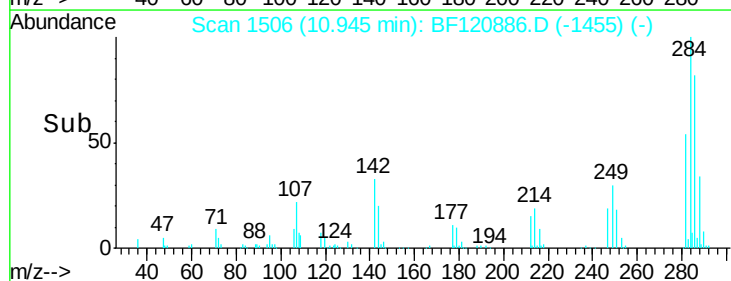
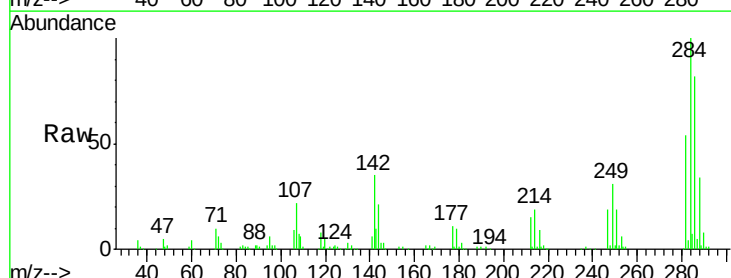
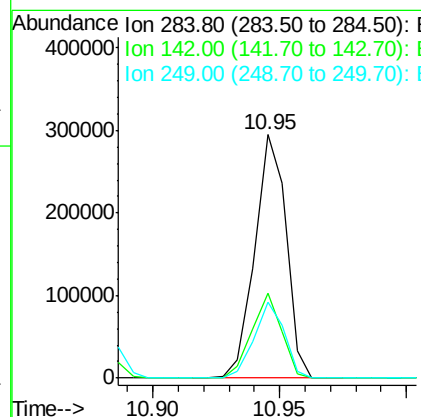
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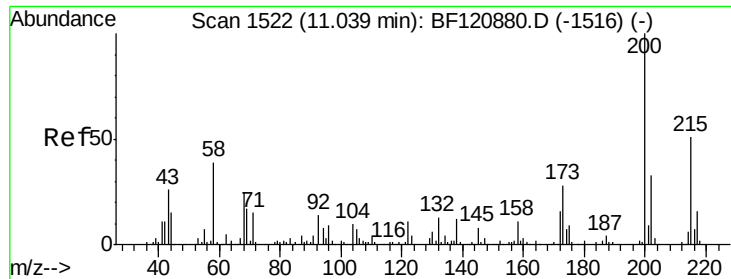
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.603 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	30.2	45.2
249	31.0	24.2	36.2





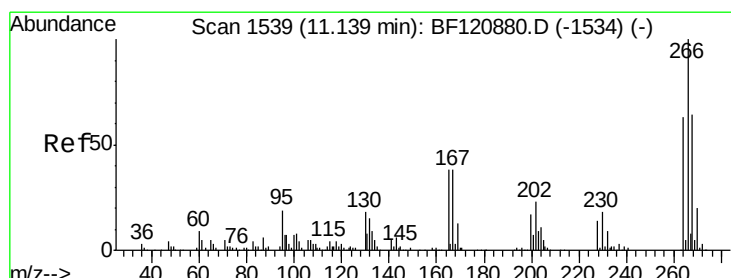
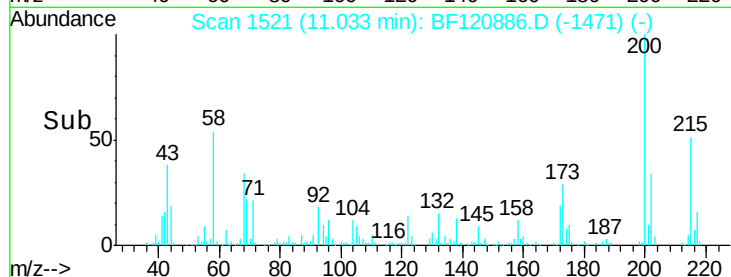
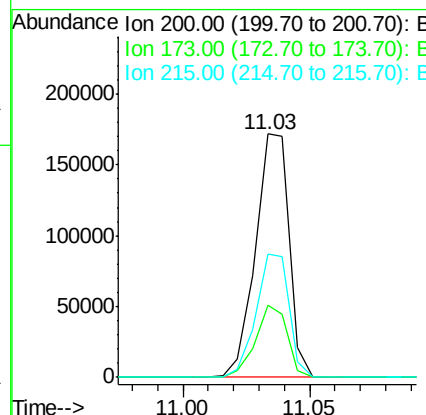
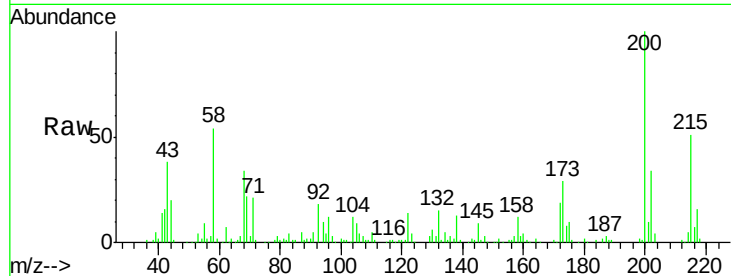
#69
 Atrazine
 Concen: 38.257 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.0	48.0
215	50.7	31.5	71.5

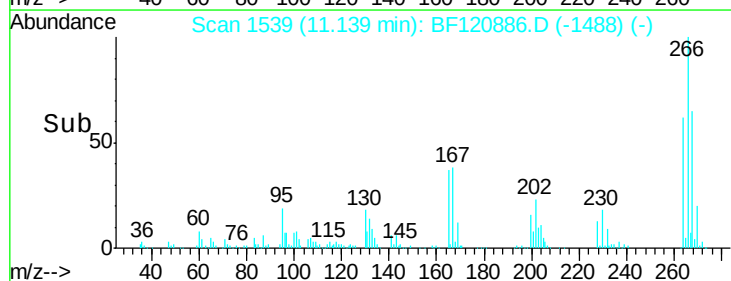
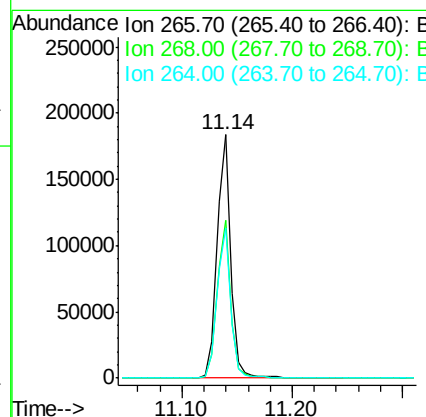
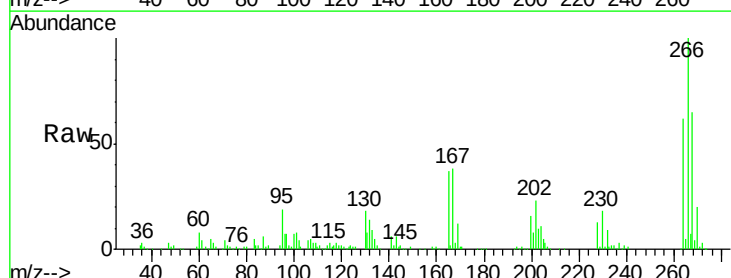
Manual Integrations
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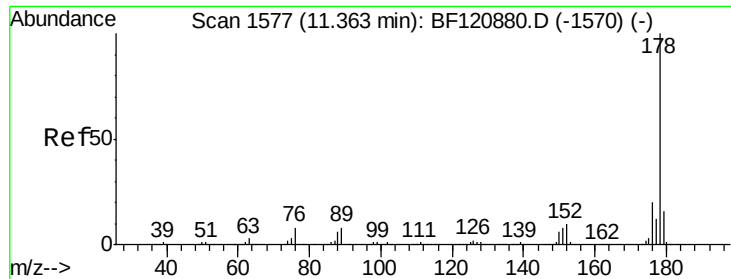
mohammad
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#70
 Pentachlorophenol
 Concen: 42.148 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	61.8	50.2	75.2





#71

Phenanthrene

Concen: 38.679 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1061005

Ion Ratio Lower Upper

178 100

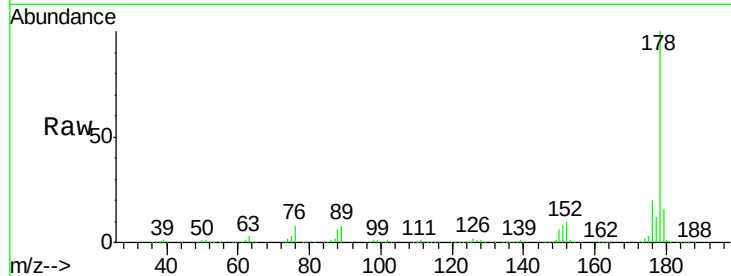
176 20.5 16.2 24.4

179 15.9 12.8 19.2

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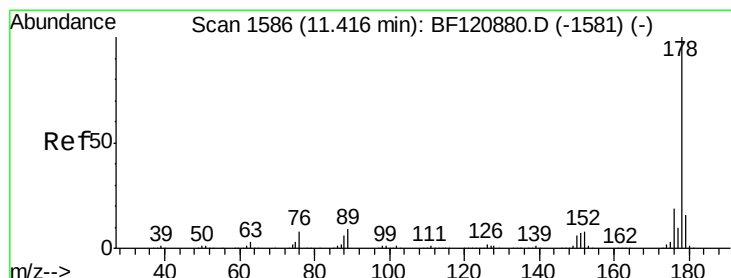
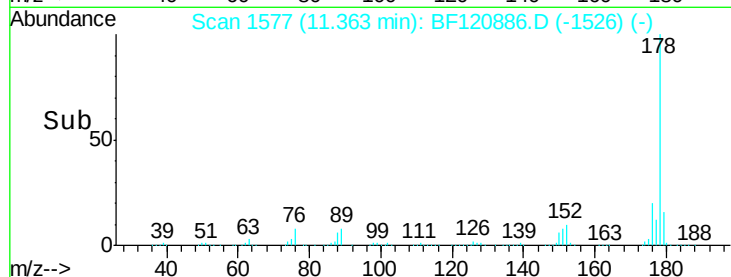
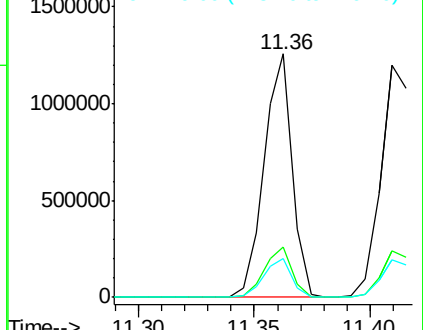
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.655 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:178 Resp: 1092278

Ion Ratio Lower Upper

178 100

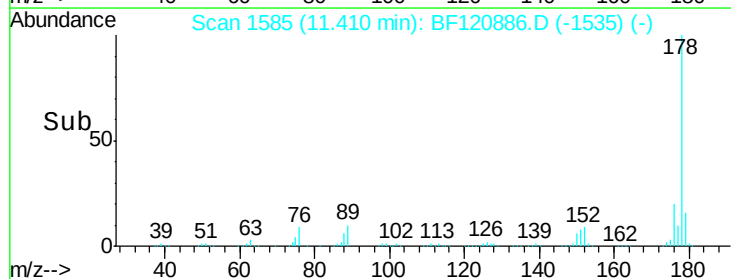
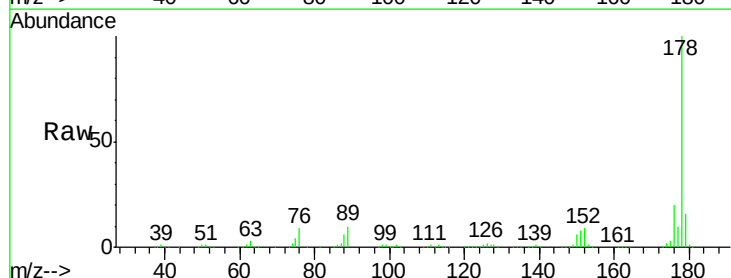
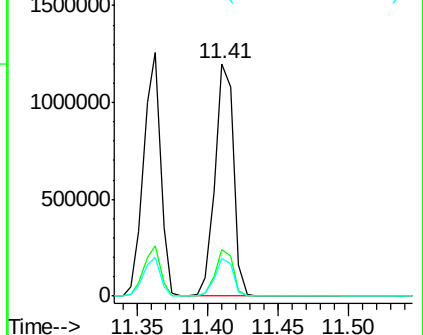
176 19.9 15.5 23.3

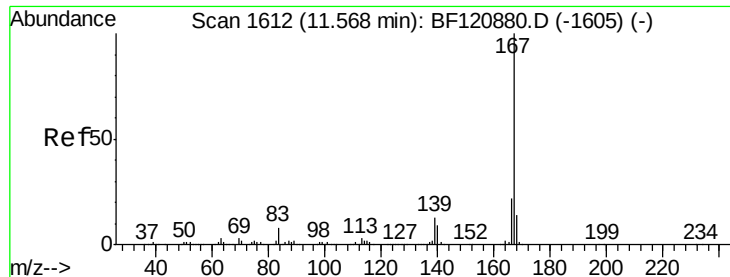
179 16.1 12.8 19.2

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





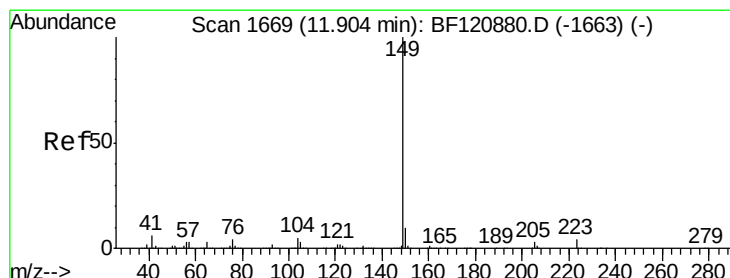
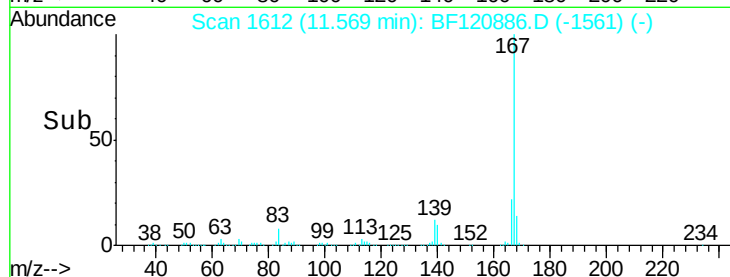
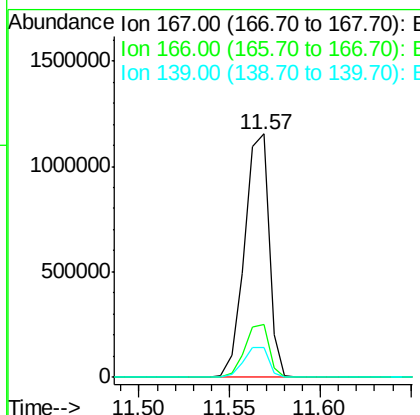
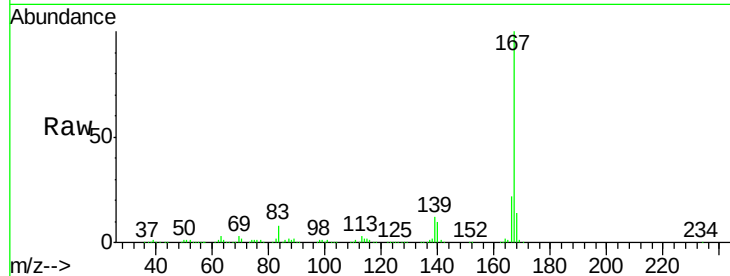
#73
 Carbazole
 Concen: 39.606 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1082642
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 12.3 10.1 15.1

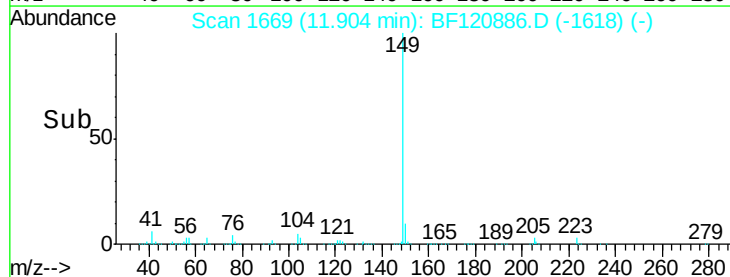
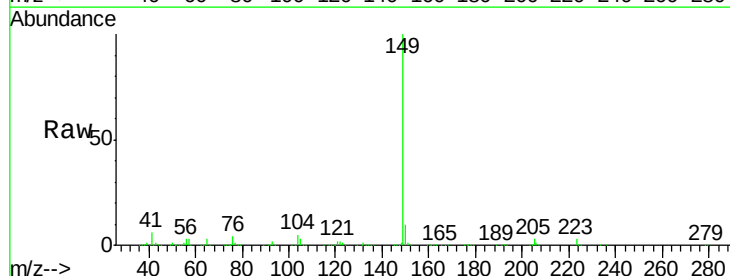
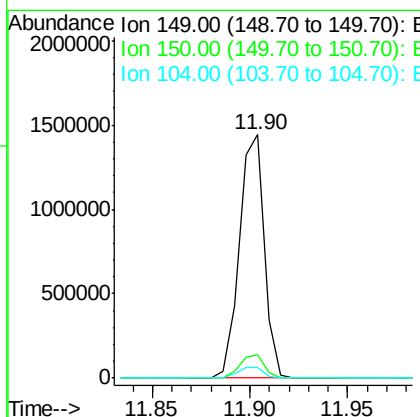
Manual Integrations
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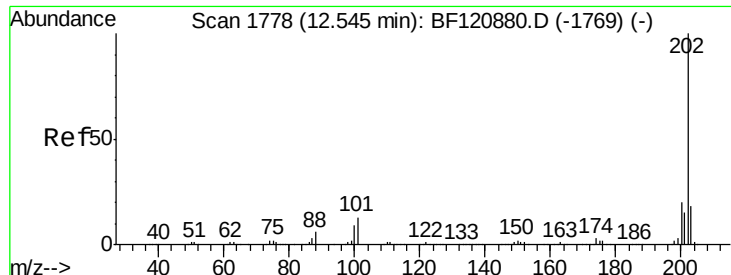
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.126 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:149 Resp: 1265765
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.6 3.8 5.6





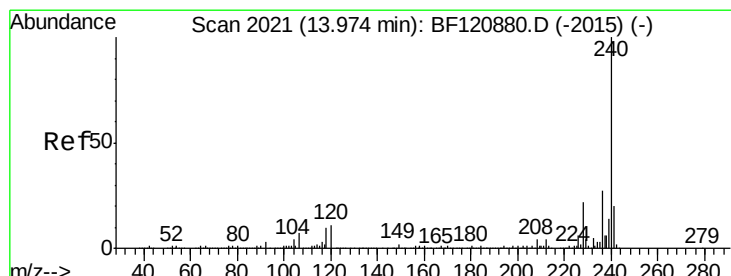
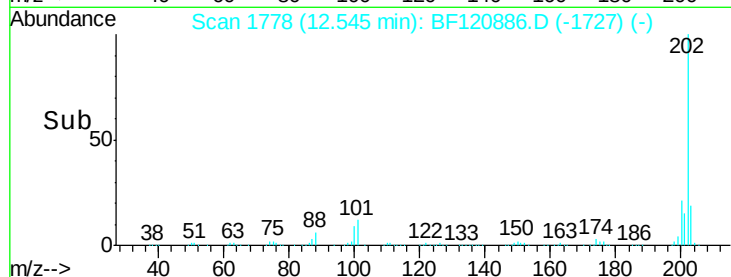
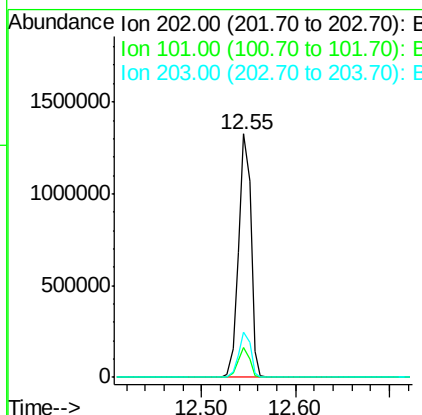
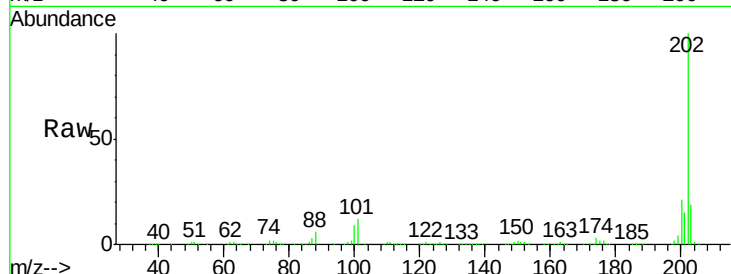
#75
Fluoranthene
Concen: 39.474 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.7
203	18.6	0.0	38.0

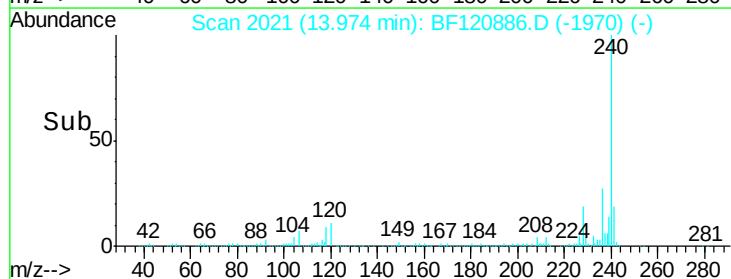
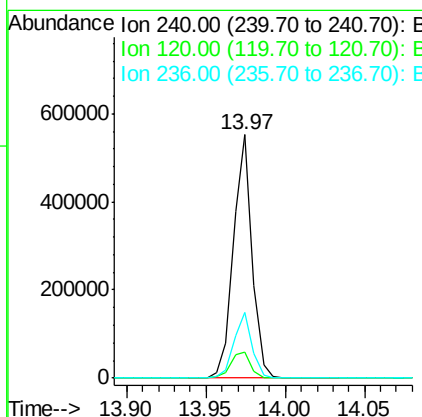
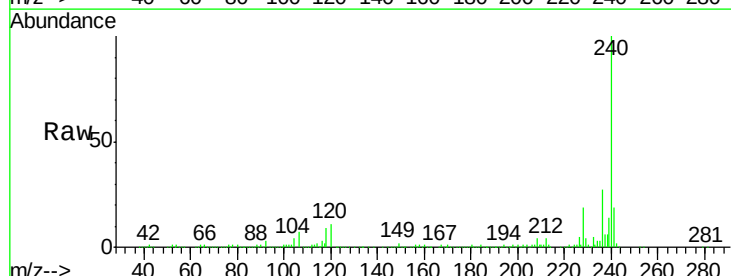
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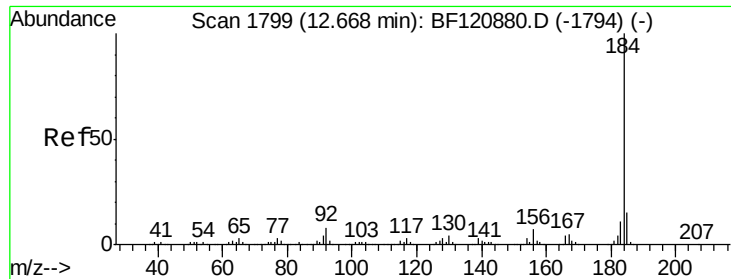
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	26.9	21.7	32.5





#77

Benzidine

Concen: 43.744 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

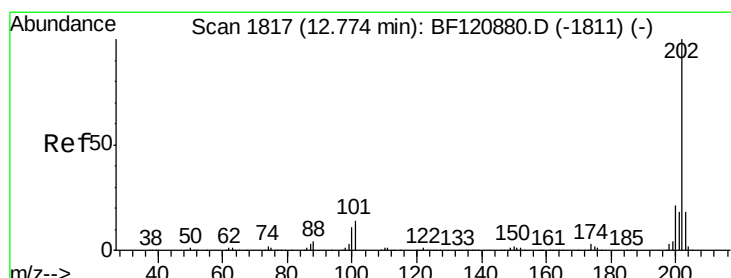
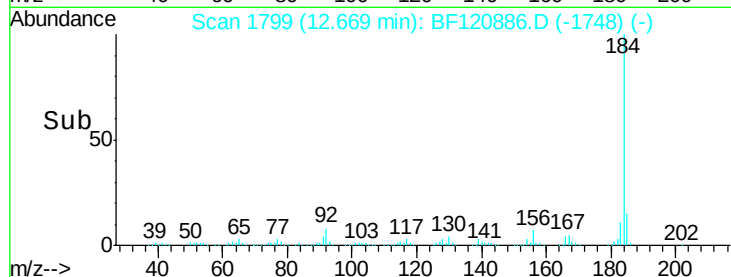
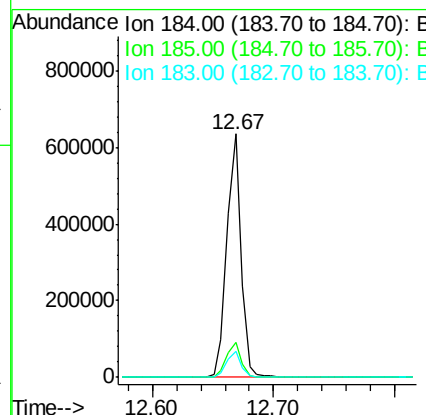
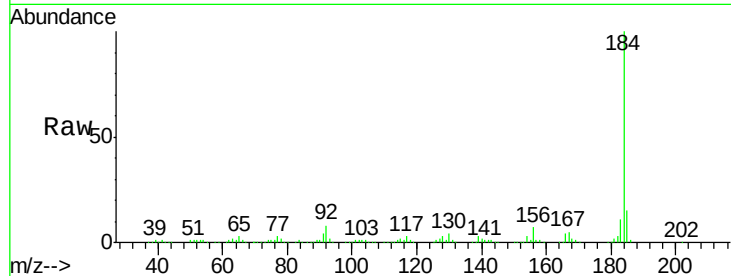
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	515900
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	10.6	8.5	12.7

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#78

Pyrene

Concen: 39.444 ng

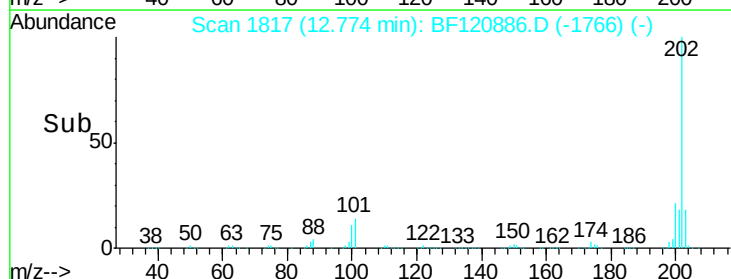
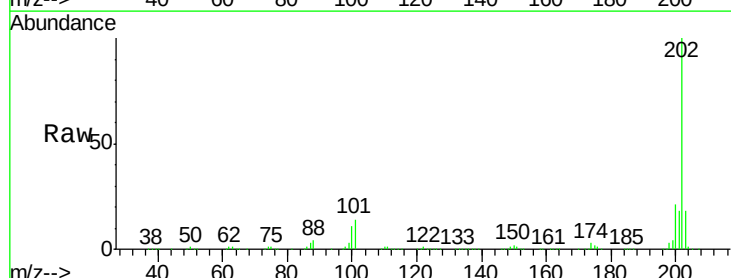
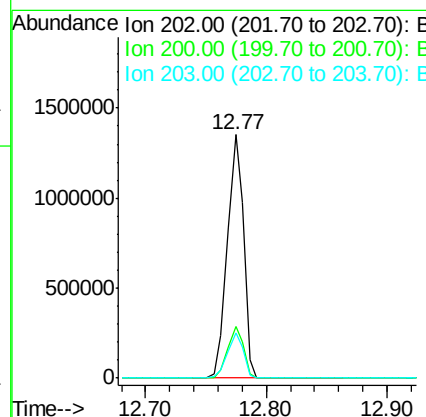
RT: 12.77 min Scan# 1817

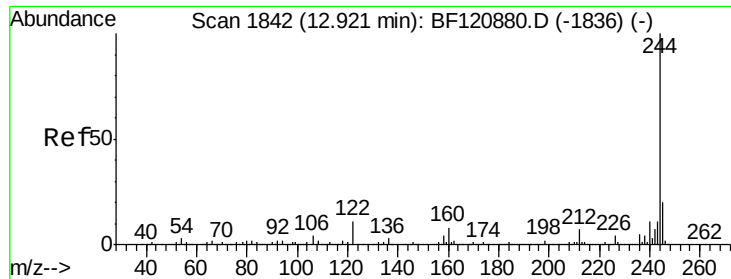
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:	202	Resp:	1250930
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.4	14.4	21.6





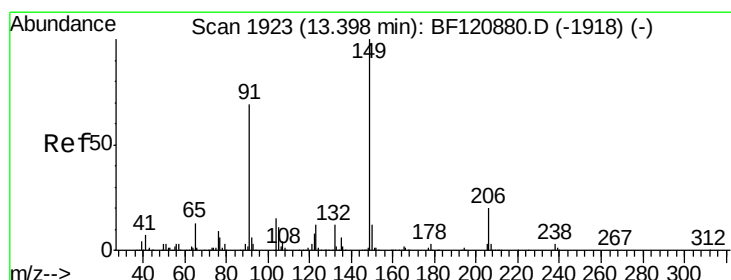
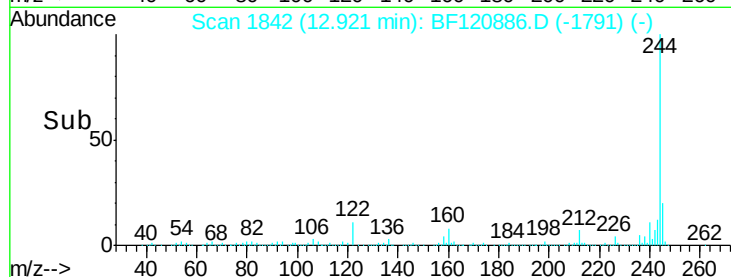
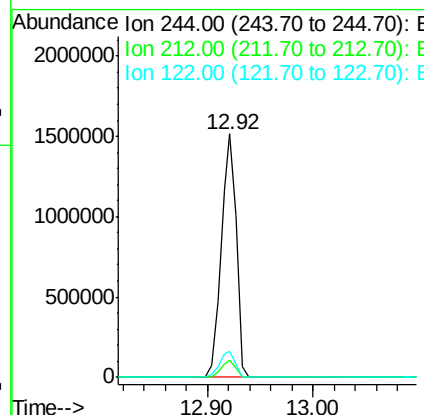
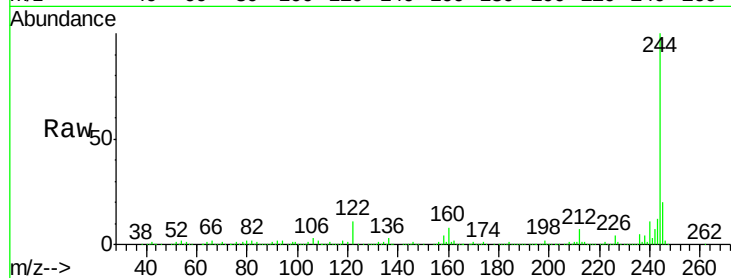
#79
 Terphenyl-d14
 Concen: 73.946 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.9	8.9	13.3

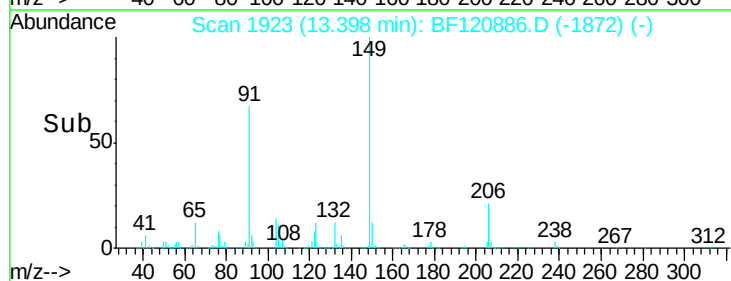
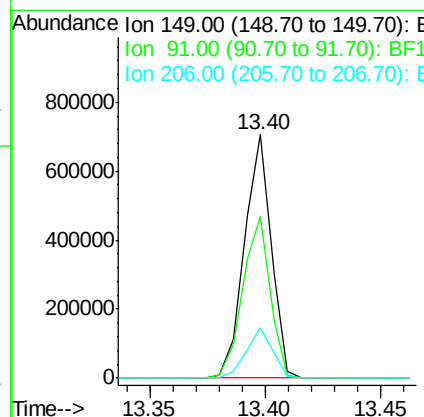
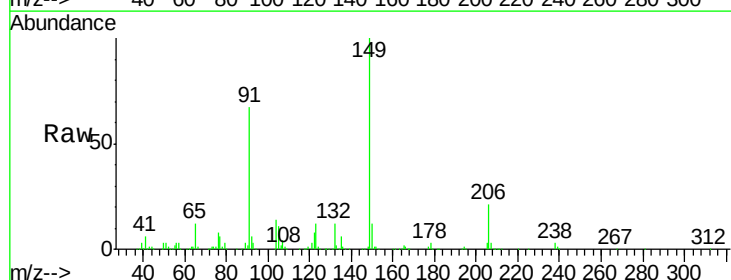
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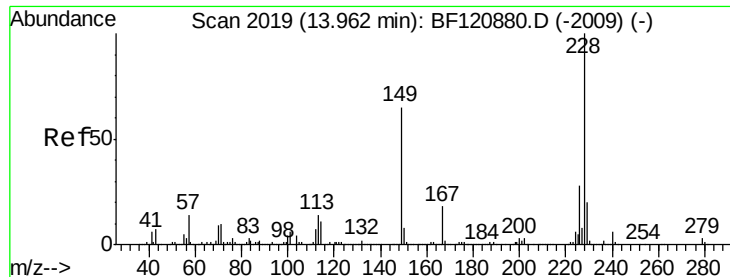
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.374 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	55.1	82.7
206	20.9	16.1	24.1





#81

Benzo(a)anthracene

Concen: 38.473 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1045062

Ion Ratio Lower Upper

228 100

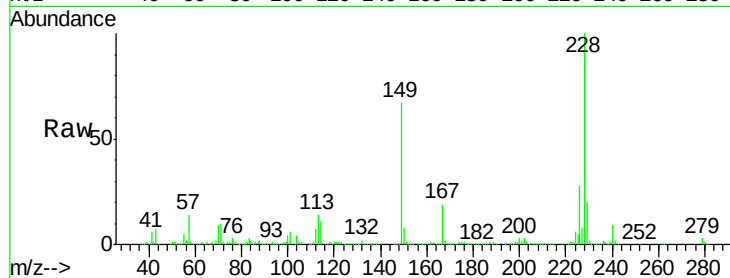
226 28.0 22.3 33.5

229 20.0 16.1 24.1

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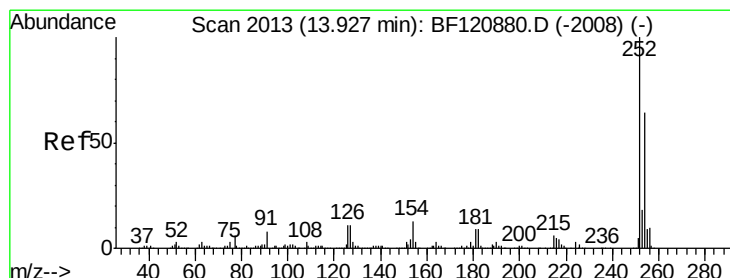
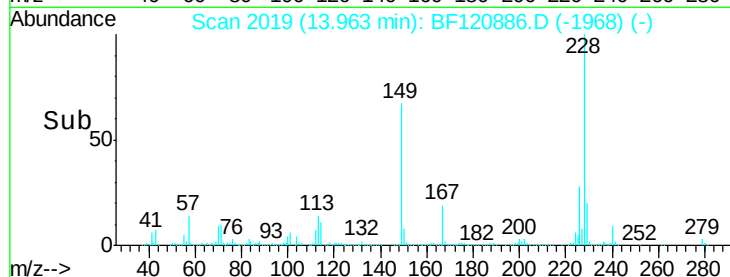
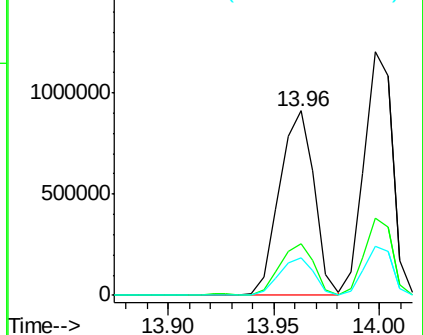
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.591 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

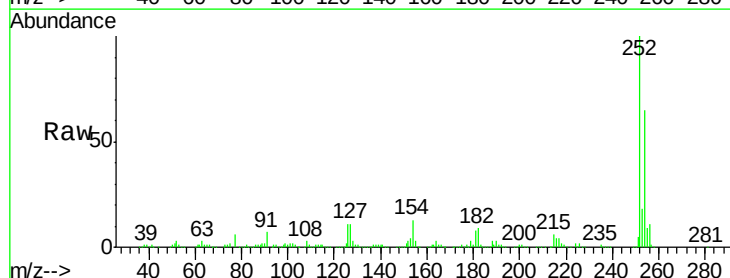
Tgt Ion:252 Resp: 405720

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

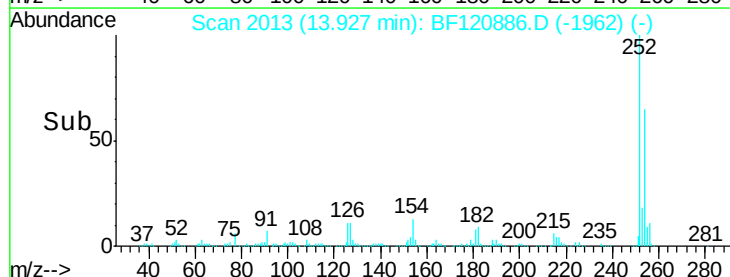
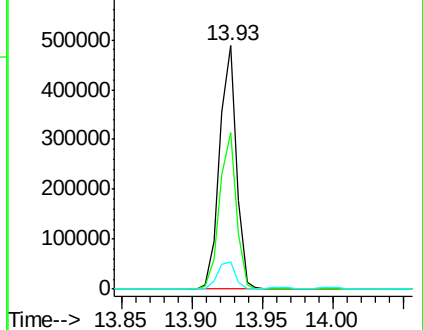
126 11.1 8.7 13.1

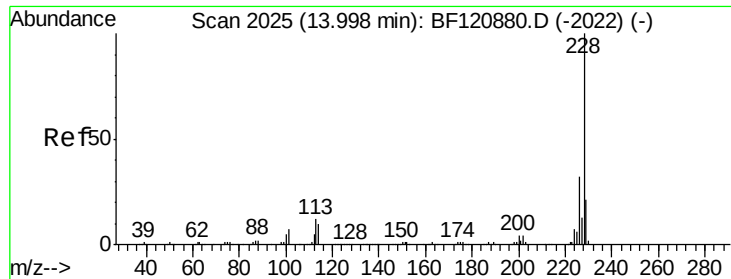


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.491 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1127302

Ion Ratio Lower Upper

228 100

226 31.5 25.6 38.4

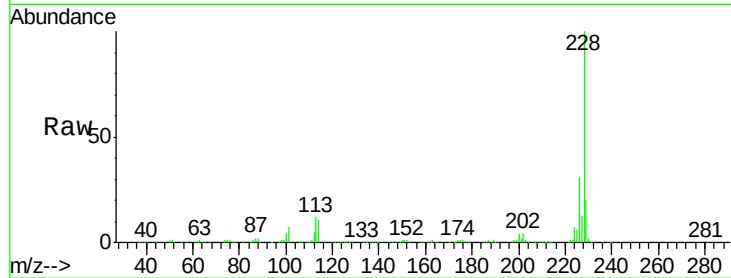
229 20.3 16.8 25.2

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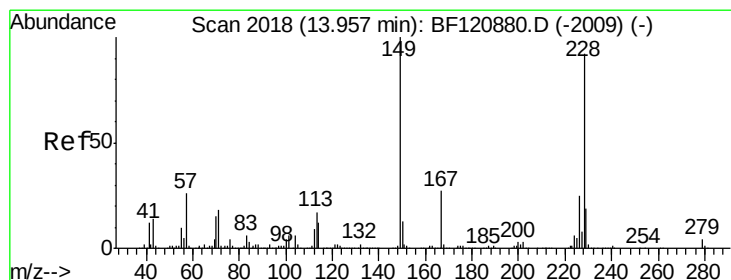
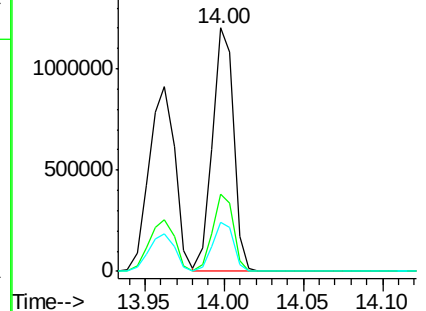
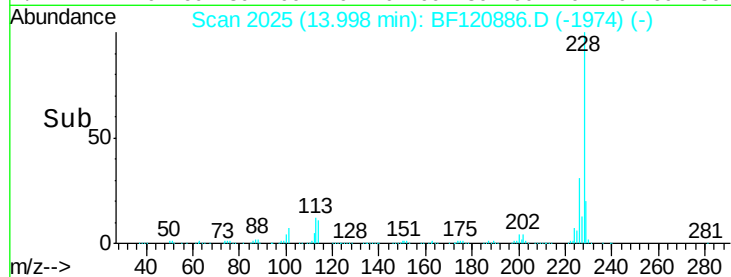
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.052 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

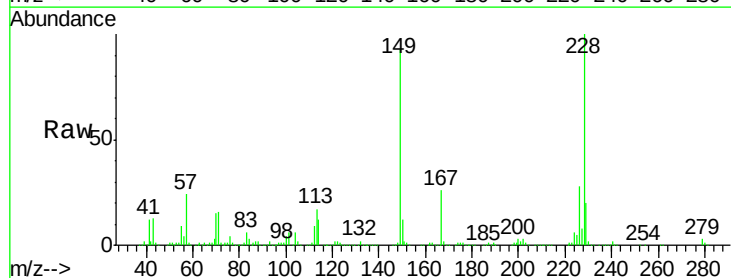
Tgt Ion:149 Resp: 680807

Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

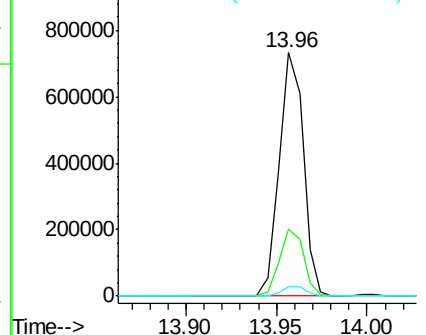
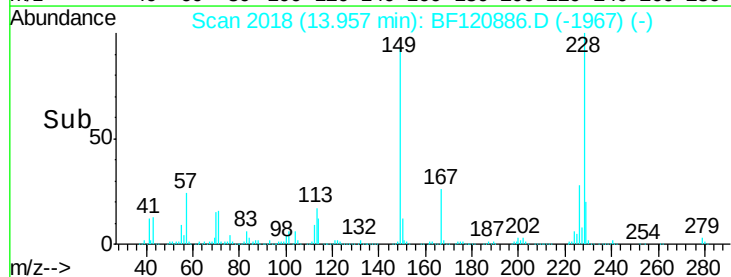
279 3.7 3.0 4.4

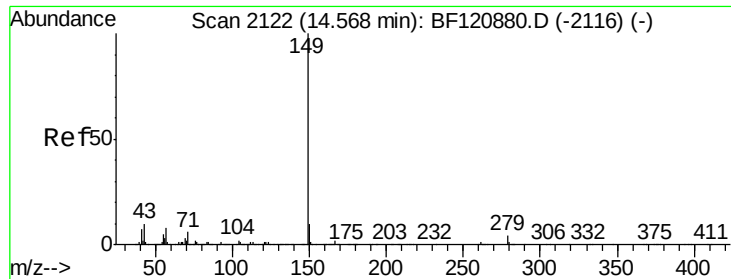


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





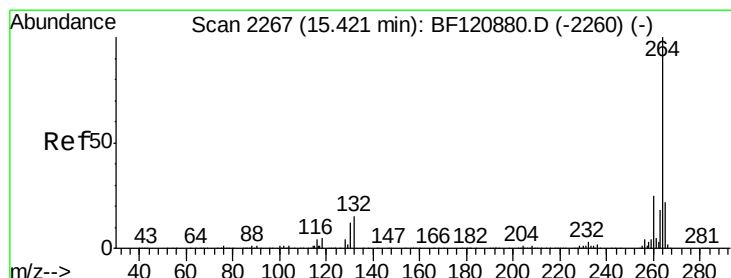
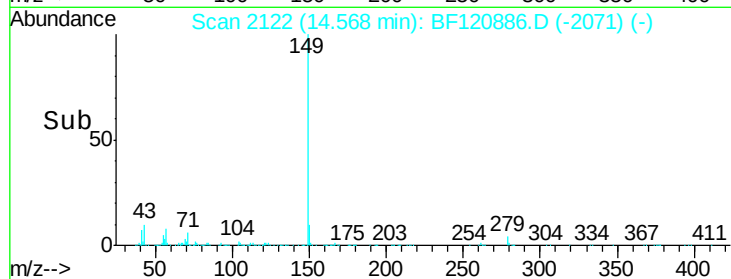
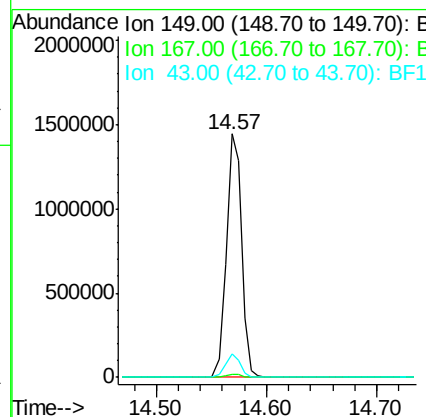
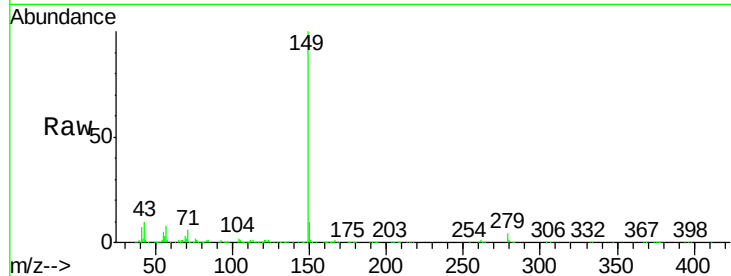
#85
Di-n-octyl phthalate
Concen: 40.085 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	9.6	7.6	11.4	

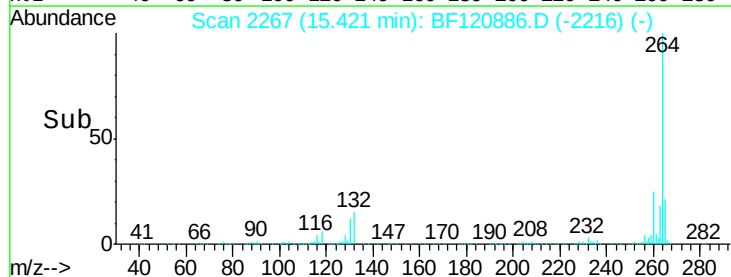
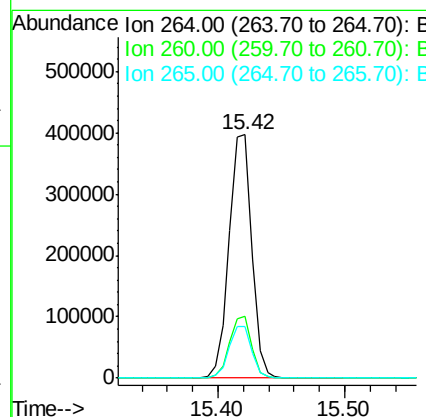
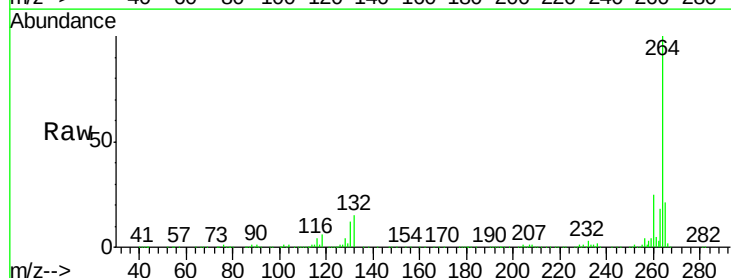
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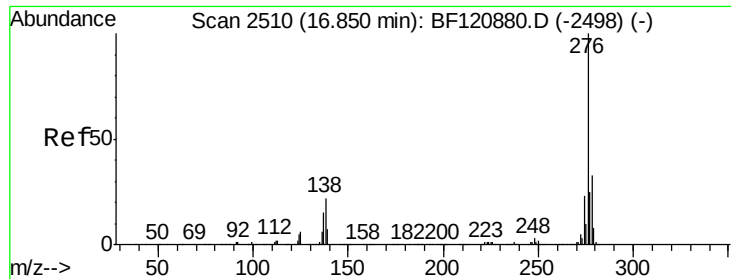
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.2	20.0	30.0	
265	21.0	17.4	26.2	





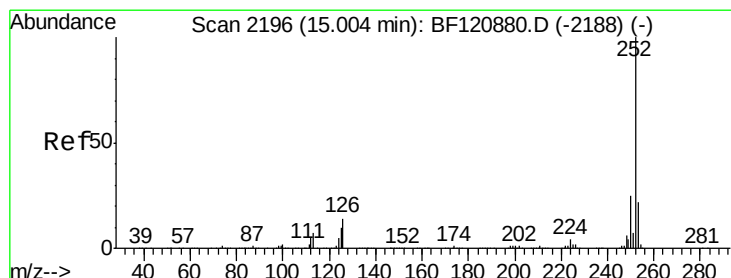
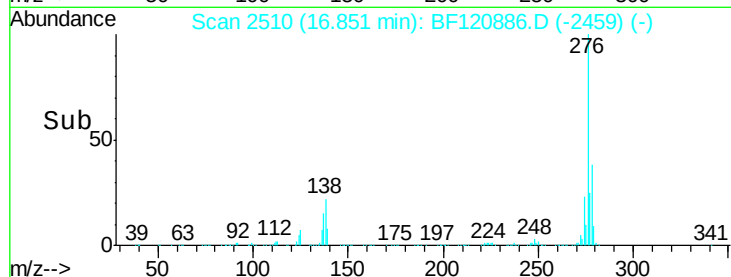
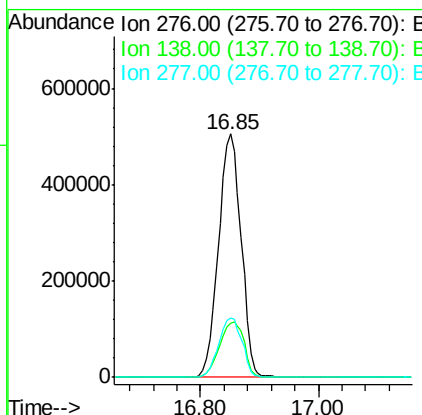
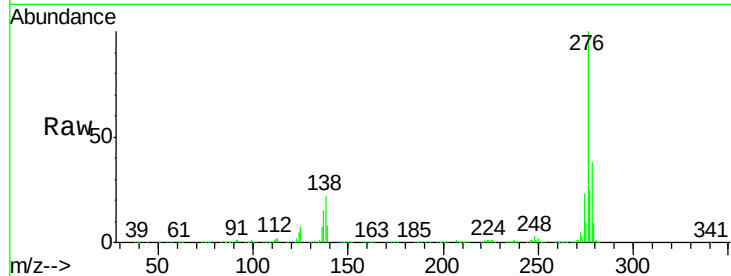
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.412 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.3	20.2	30.2

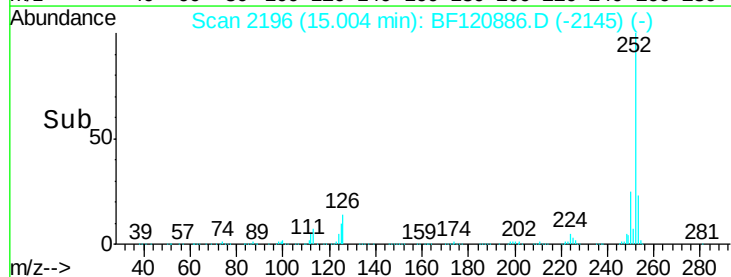
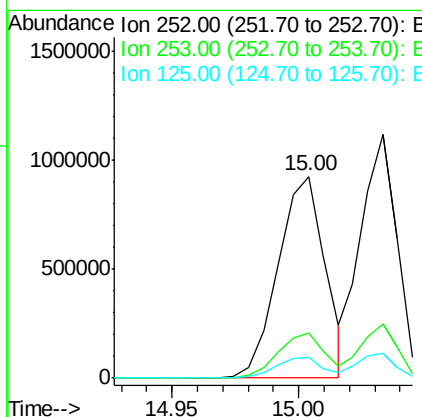
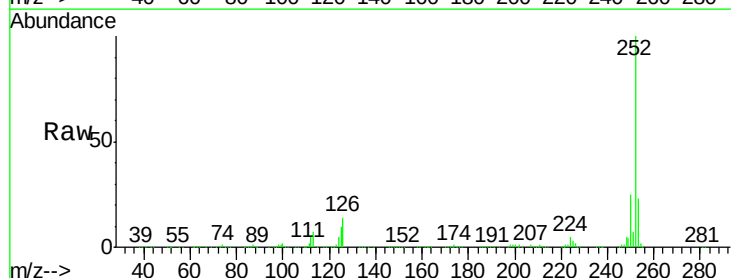
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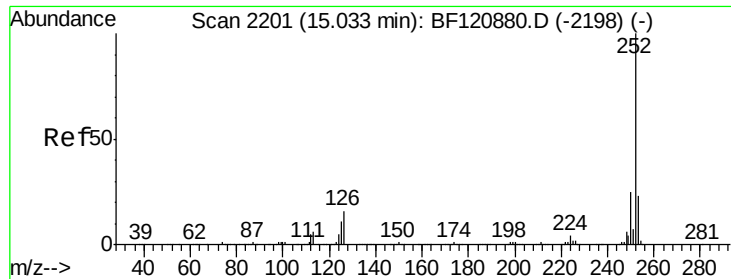
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.019 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.2	8.3	12.5





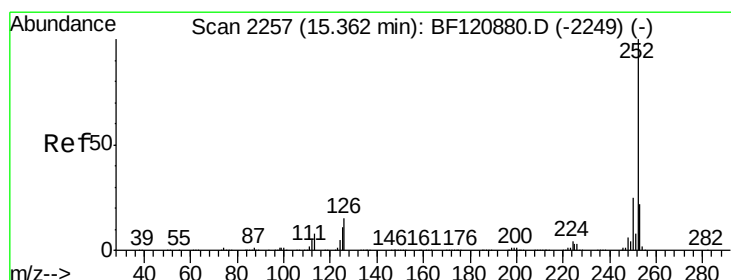
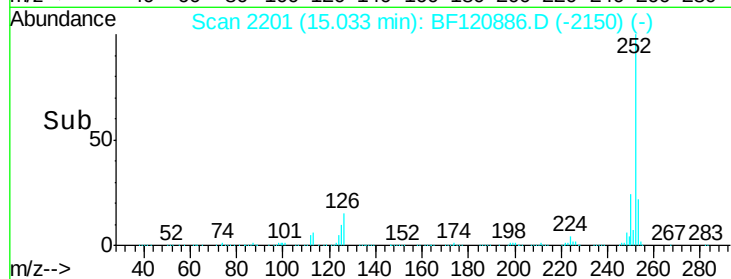
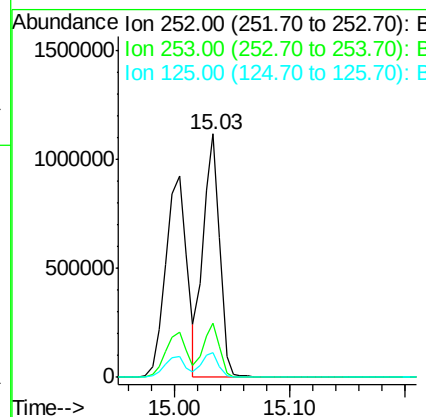
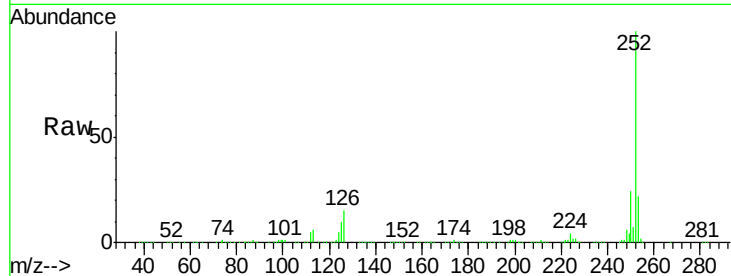
#89
Benzo(k)fluoranthene
Concen: 41.515 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.1	8.4	12.6

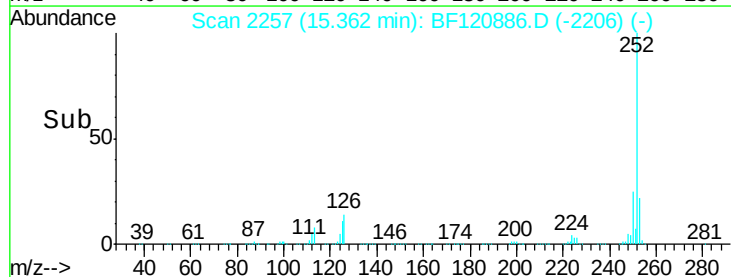
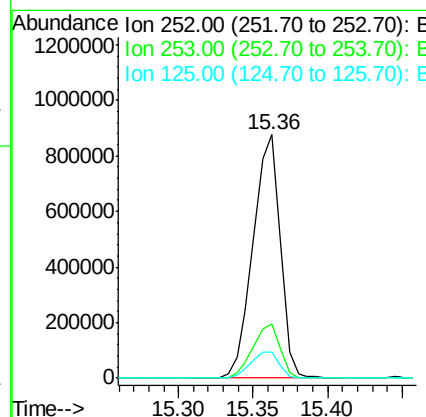
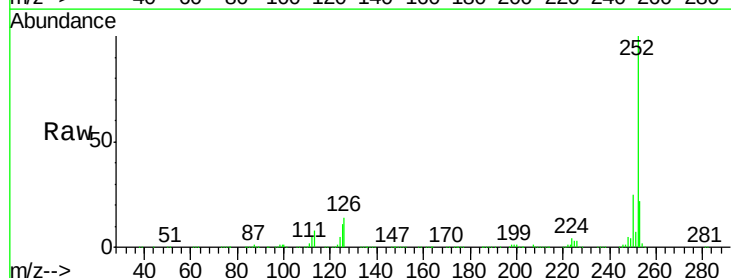
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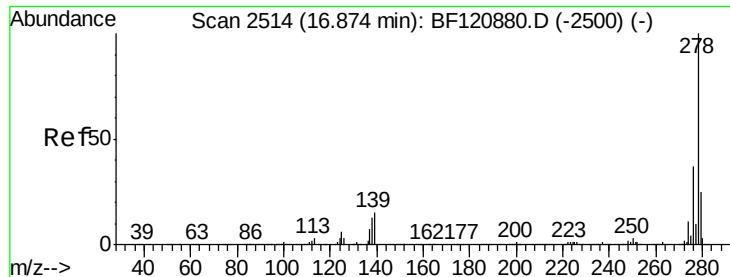
mohammad
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#90
Benzo(a)pyrene
Concen: 40.753 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.9	8.9	13.3





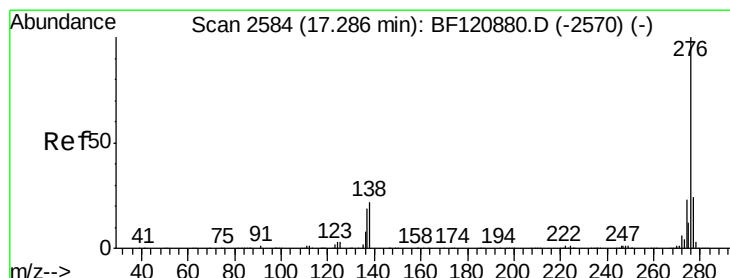
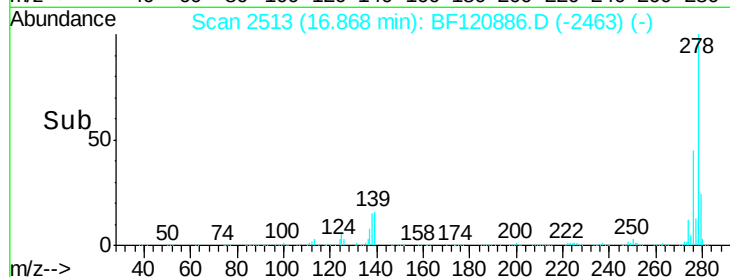
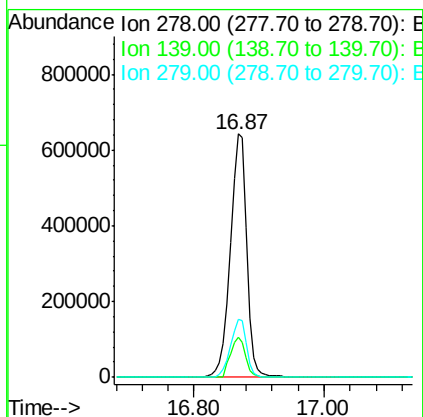
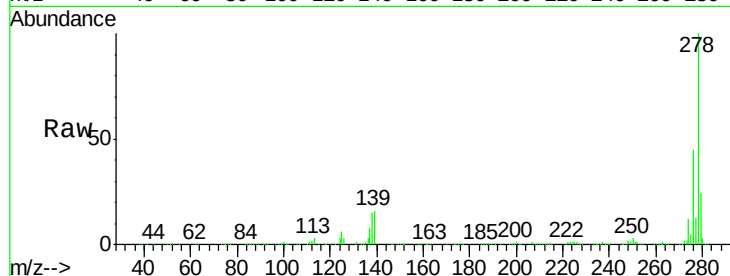
#91
Dibenzo(a,h)anthracene
Concen: 40.349 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1125327
Ion Ratio Lower Upper
278 100
139 16.3 12.3 18.5
279 23.8 20.1 30.1

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#92
Benzo(g,h,i)perylene
Concen: 39.070 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:276 Resp: 1074399
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.7 17.5 26.3

