

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120618.D
 Acq On : 15 Jun 2020 13:54
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/16/2020 11:06:34 AM

Quant Time: Jun 15 15:15:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136850	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	548538	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	316989	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	618320	20.00	ng	0.00
76) Chrysene-d12	13.96	240	505213	20.00	ng	0.00
86) Perylene-d12	15.39	264	579200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	648938	81.30	ng	-0.01
7) Phenol-d6	6.43	99	879899	88.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	746682	76.09	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	293475	79.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1525356	73.62	ng	0.00
79) Terphenyl-d14	12.90	244	1747115	76.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	144433	38.178	ng	99
3) Pyridine	3.20	79	410225	38.573	ng	99
4) n-Nitrosodimethylamine	3.15	42	174209	39.471	ng	98
6) Aniline	6.46	93	559153	43.947	ng	97
8) 2-Chlorophenol	6.59	128	369043	40.914	ng	97
9) Benzaldehyde	6.35	77	238627	37.948	ng	99
10) Phenol	6.45	94	475716	44.848	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	364199	41.221	ng	98
12) 1,3-Dichlorobenzene	6.74	146	389038	40.570	ng	99
13) 1,4-Dichlorobenzene	6.82	146	389660	41.185	ng	99
14) 1,2-Dichlorobenzene	6.97	146	370562	40.207	ng	98
15) Benzyl Alcohol	6.94	79	319637	45.336	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	553352	43.497	ng	99
17) 2-Methylphenol	7.05	107	341054	44.332	ng	100
18) Hexachloroethane	7.31	117	142420	40.852	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	269847	46.793	ng	95
20) 3+4-Methylphenols	7.21	107	410073	42.656	ng	90
22) Acetophenone	7.21	105	485210	39.565	ng	99
24) Nitrobenzene	7.38	77	397414	38.699	ng	96
25) Isophorone	7.62	82	790782	41.367	ng	98
26) 2-Nitrophenol	7.70	139	209572	38.575	ng	94
27) 2,4-Dimethylphenol	7.73	122	321582	40.201	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	477529	43.094	ng	100
29) 2,4-Dichlorophenol	7.94	162	336067	41.330	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	347528	38.566	ng	100
31) Naphthalene	8.10	128	1091416	40.520	ng	99
32) Benzoic acid	7.86	122	268119	43.685	ng	98
33) 4-Chloroaniline	8.15	127	513943	41.571	ng	100
34) Hexachlorobutadiene	8.22	225	206690	39.349	ng	98
35) Caprolactam	8.52	113	113145m	43.506	ng	
36) 4-Chloro-3-methylphenol	8.63	107	356587	43.894	ng	99
37) 2-Methylnaphthalene	8.79	142	769444	43.760	ng	99
38) 1-Methylnaphthalene	8.89	142	731404	44.206	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	365005	38.564	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120618.D
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 SSTDC0040

Manual Integrations
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Quant Time: Jun 15 15:15:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	190344	35.887	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	260480	38.796	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	300181	39.408	ng	98
46) 1,1'-Biphenyl	9.26	154	946655	39.994	ng	99
47) 2-Chloronaphthalene	9.28	162	764263	39.485	ng	99
48) 2-Nitroaniline	9.37	65	244595	40.236	ng	97
49) Acenaphthylene	9.70	152	1191920	39.901	ng	99
50) Dimethylphthalate	9.56	163	890878	39.023	ng	100
51) 2,6-Dinitrotoluene	9.62	165	204296	39.486	ng	91
52) Acenaphthene	9.87	154	723749	40.624	ng	99
53) 3-Nitroaniline	9.79	138	242446	39.014	ng	98
54) 2,4-Dinitrophenol	9.89	184	102630	35.581	ng	96
55) Dibenzofuran	10.04	168	1090421	39.917	ng	98
56) 4-Nitrophenol	9.95	139	178760	38.194	ng	99
57) 2,4-Dinitrotoluene	10.02	165	271761	39.584	ng	95
58) Fluorene	10.38	166	819420	38.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	235503	39.298	ng	99
60) Diethylphthalate	10.26	149	892990	39.716	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	425382	39.116	ng	95
62) 4-Nitroaniline	10.40	138	240679	39.012	ng	98
63) Azobenzene	10.53	77	832826	40.805	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	143549	38.691	ng	97
66) n-Nitrosodiphenylamine	10.49	169	764718	40.273	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	283537	40.405	ng	97
68) Hexachlorobenzene	10.93	284	304936	40.417	ng	98
69) Atrazine	11.02	200	190397	32.403	ng	99
70) Pentachlorophenol	11.12	266	169855	40.493	ng	100
71) Phenanthrene	11.35	178	1226936	39.918	ng	99
72) Anthracene	11.39	178	1243332	40.131	ng	100
73) Carbazole	11.55	167	1198635	39.083	ng	99
74) Di-n-butylphthalate	11.88	149	1409093	40.868	ng	100
75) Fluoranthene	12.53	202	1362851	38.781	ng	99
77) Benzidine	12.65	184	617221	36.124	ng	99
78) Pyrene	12.76	202	1389074	38.812	ng	99
80) Butylbenzylphthalate	13.37	149	617646	38.865	ng	100
81) Benzo(a)anthracene	13.94	228	1206432	39.747	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	461748	39.827	ng	100
83) Chrysene	13.98	228	1251591	40.200	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	798145	41.151	ng	100
85) Di-n-octyl phthalate	14.54	149	1477451	39.915	ng	99
87) Indeno(1,2,3-cd)pyrene	16.81	276	1547247	43.916	ng	99
88) Benzo(b)fluoranthene	14.98	252	1332705	38.627	ng	99
89) Benzo(k)fluoranthene	15.01	252	1201054	39.341	ng	98
90) Benzo(a)pyrene	15.33	252	1207705	39.113	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	1241419	43.940	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1277320	44.854	ng	98

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

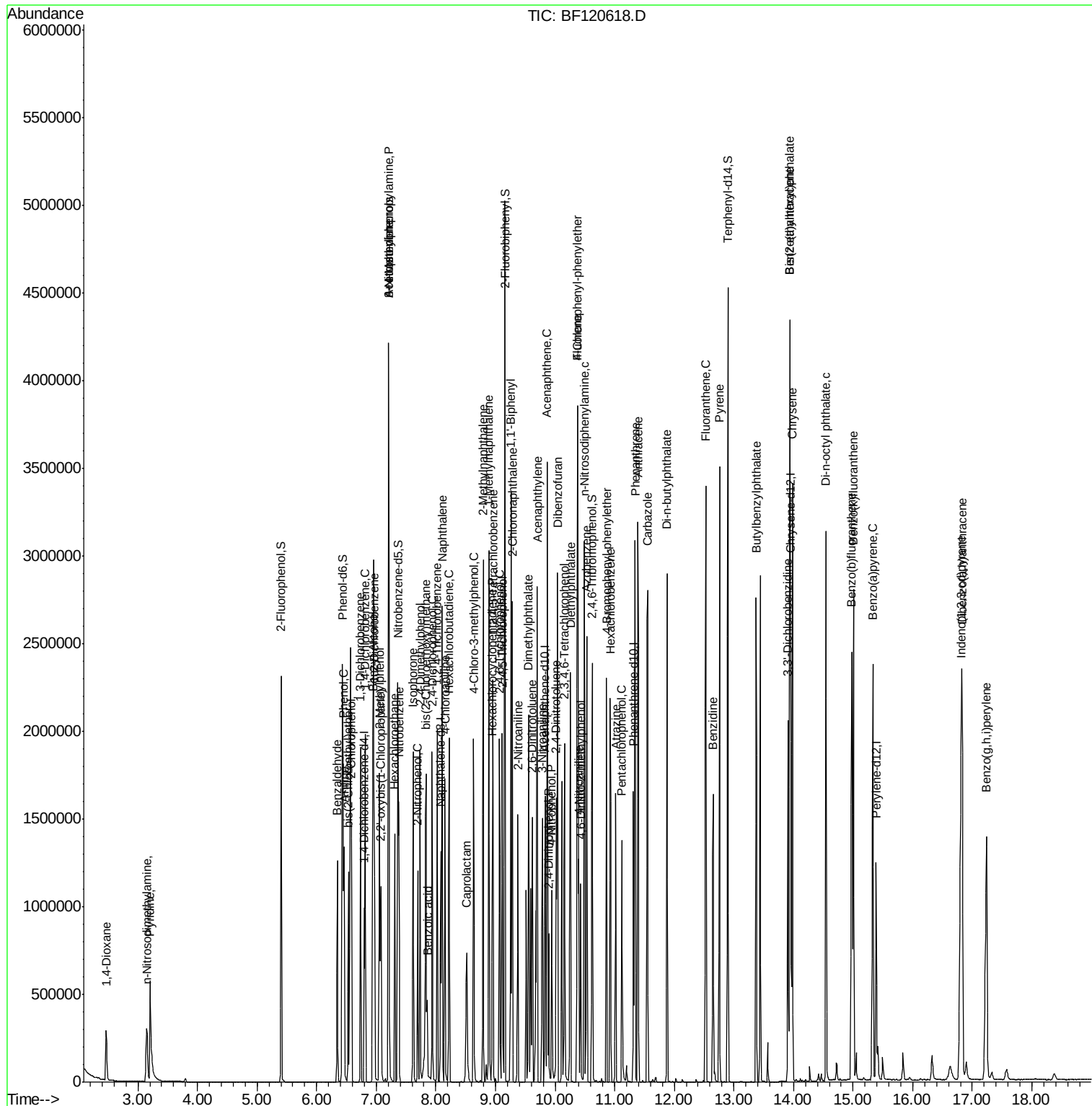
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120618.D
 Acq On : 15 Jun 2020 13:54
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

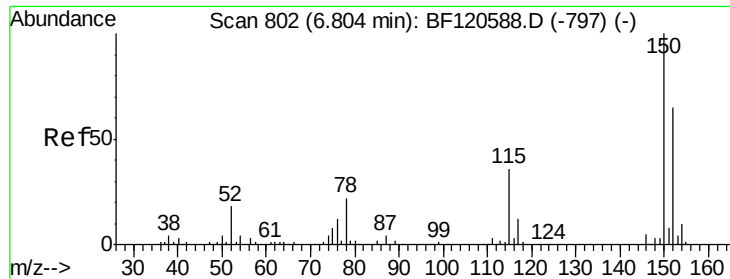
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

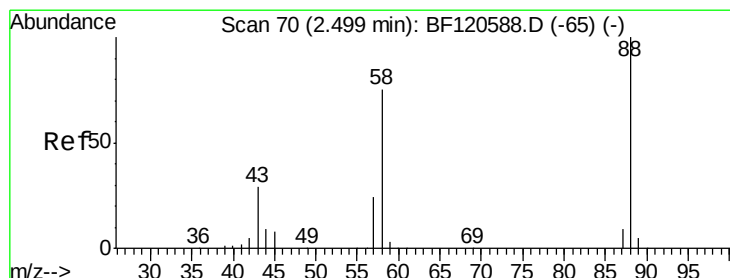
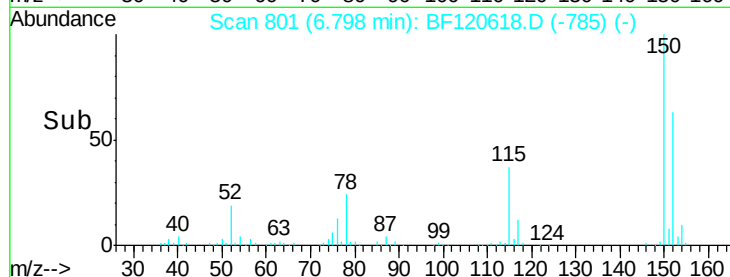
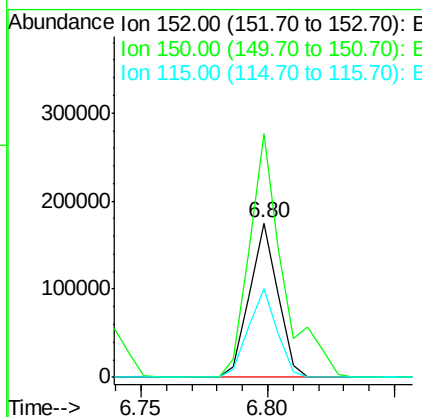
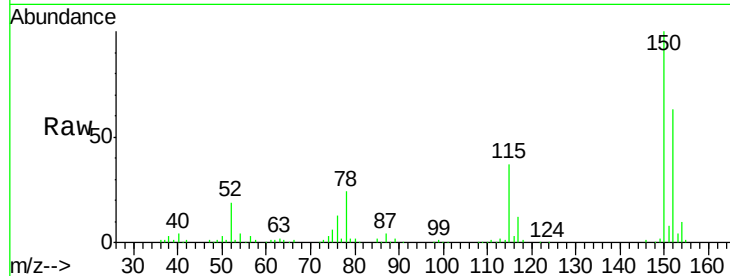
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.2	184.8
115	57.6	43.9	65.9

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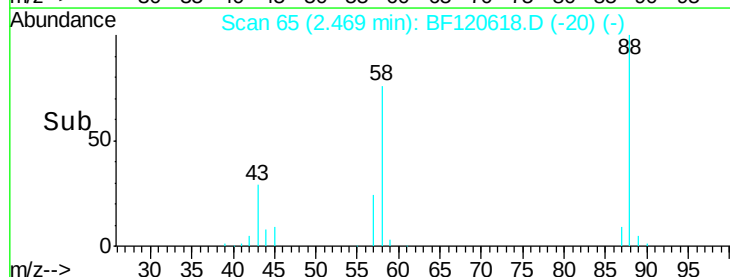
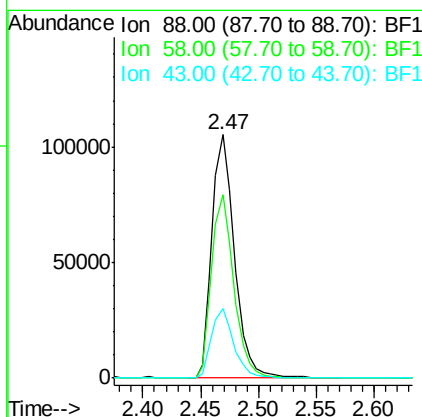
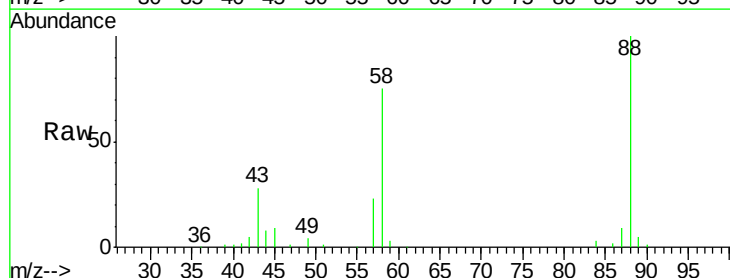
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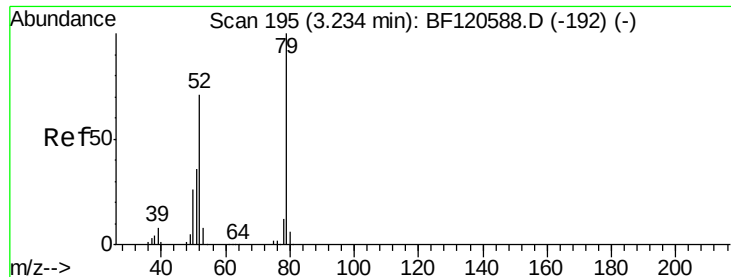


#2

1,4-Dioxane
Concen: 38.178 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.04 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.6	89.4
43	28.0	23.1	34.7





#3

Pvridine

Concen: 38.573 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.04 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

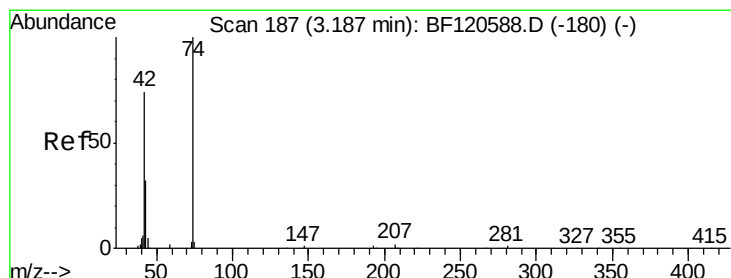
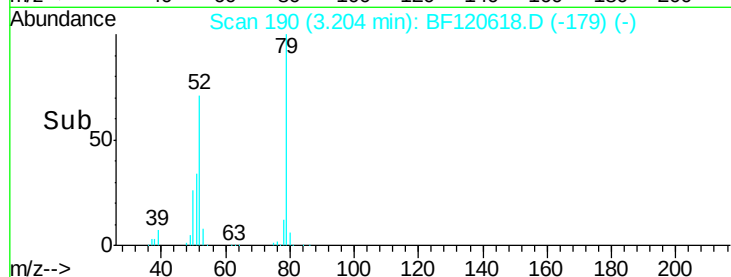
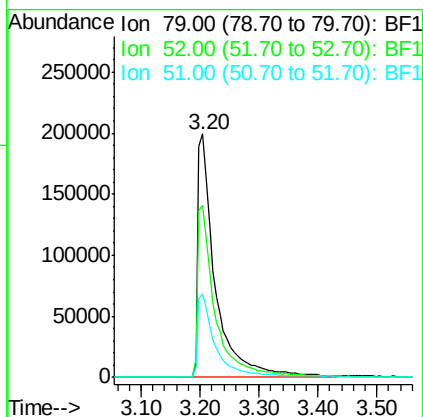
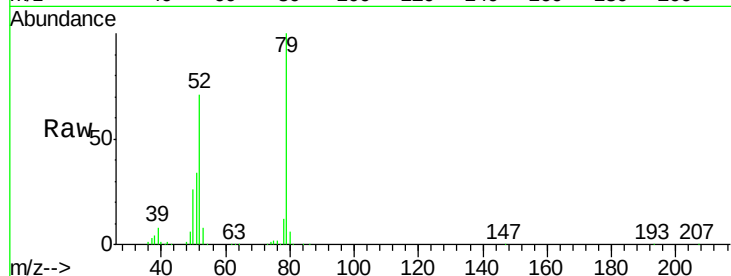
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	410225
Ion Ratio	Lower	Upper	
79	100		
52	70.8	57.0	85.6
51	34.4	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 39.471 ng

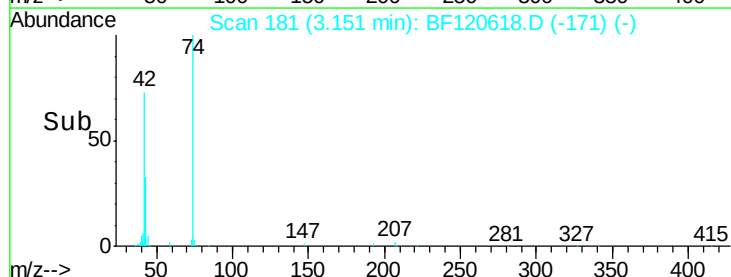
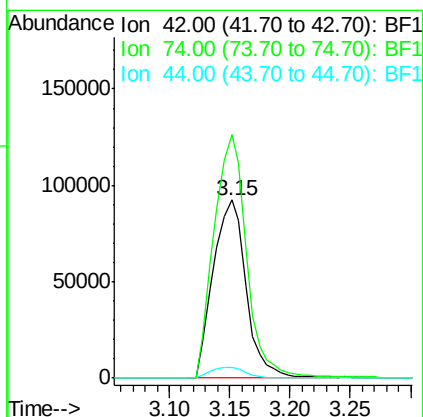
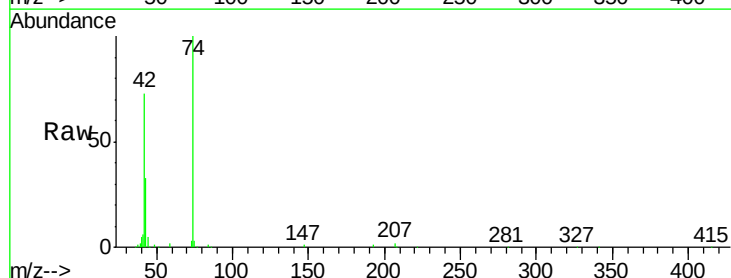
RT: 3.15 min Scan# 181

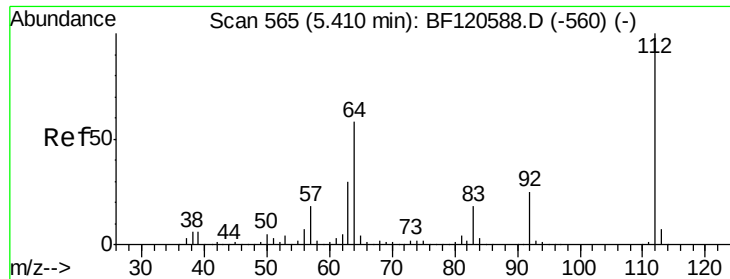
Delta R.T. -0.04 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion:	42	Resp:	174209
Ion Ratio	Lower	Upper	
42	100		
74	137.0	107.8	161.6
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 81.299 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

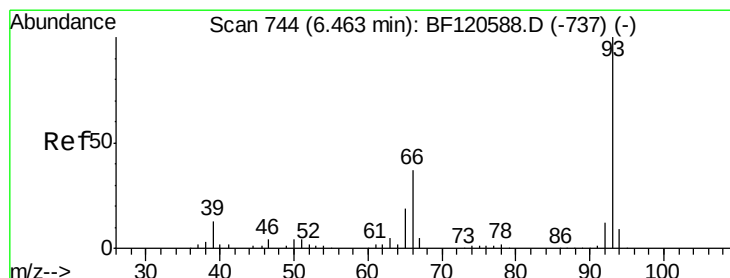
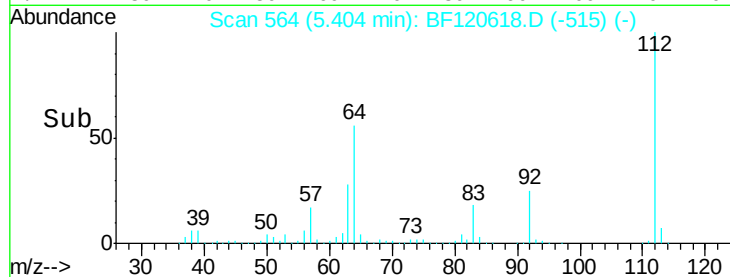
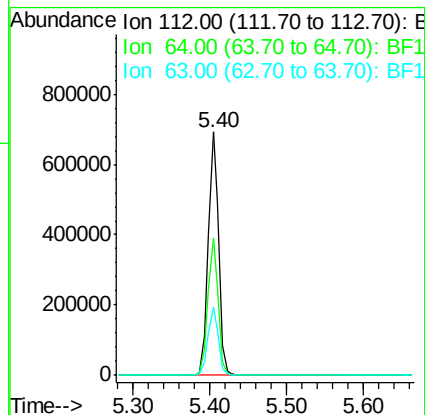
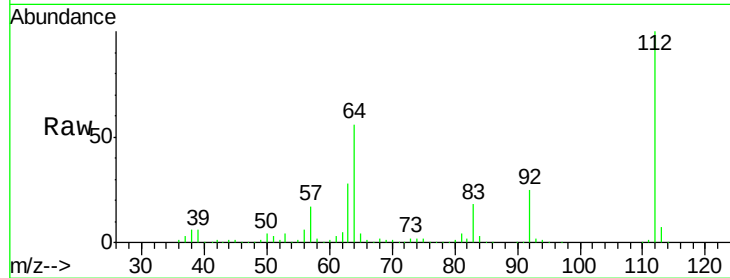
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	648938
Ion Ratio	Lower	Upper	
112	100		
64	56.2	46.1	69.1
63	28.0	23.7	35.5

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#6

Aniline

Concen: 43.947 ng

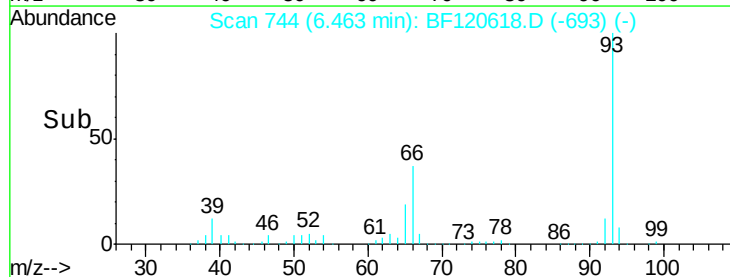
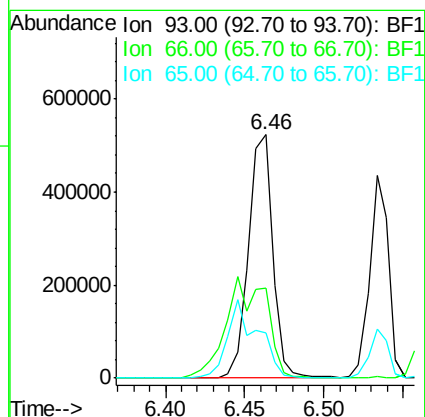
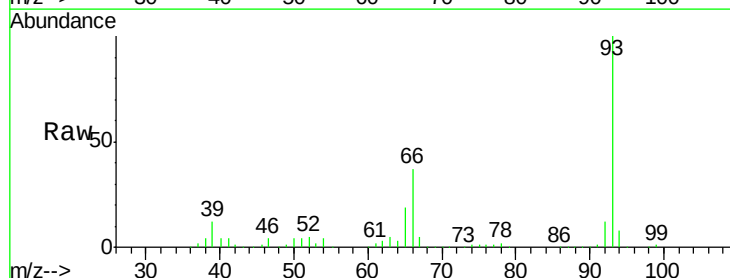
RT: 6.46 min Scan# 744

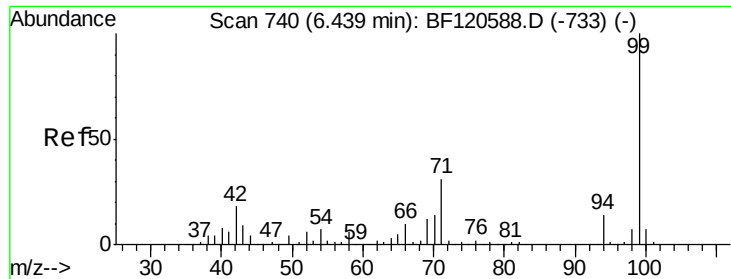
Delta R.T. 0.00 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion:	93	Resp:	559153
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.9	46.3
65	18.8	15.9	23.9





#7

Phenol-d6

Concen: 88.506 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

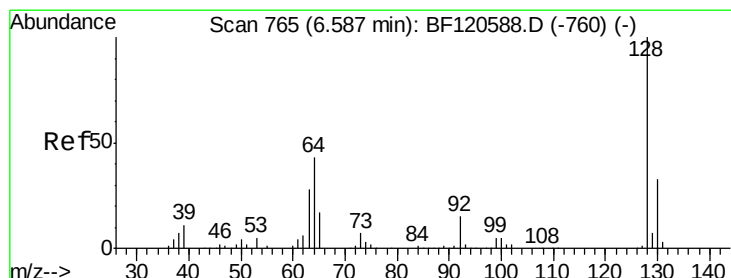
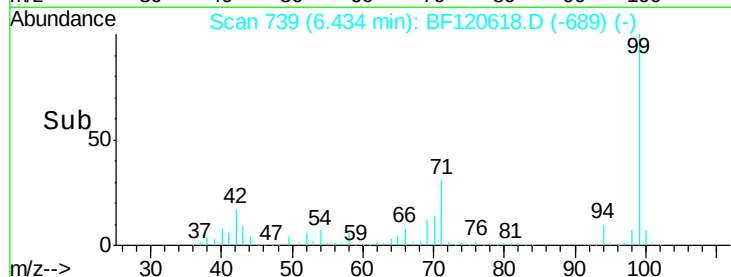
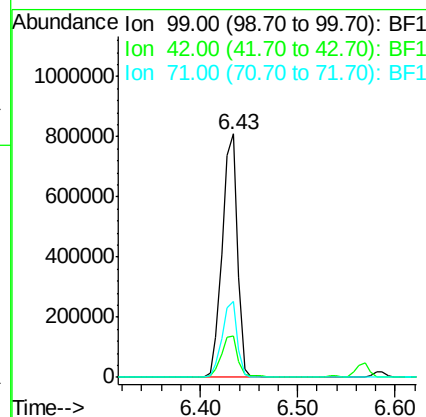
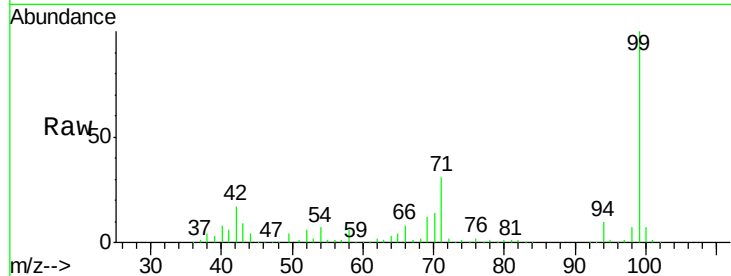
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		879899		
42	17.1	14.0	21.0		
71	31.0	24.9	37.3		

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#8

2-Chlorophenol

Concen: 40.914 ng

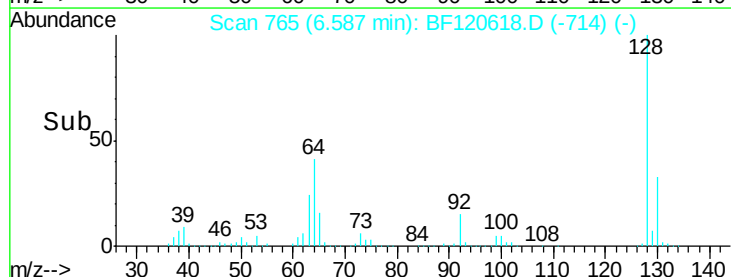
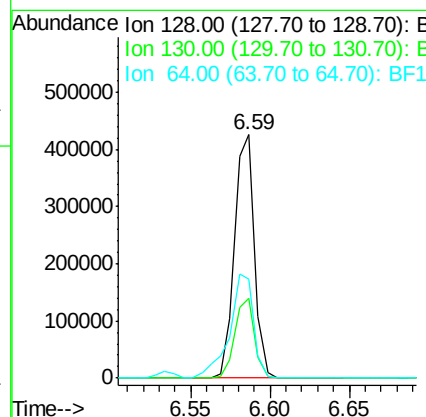
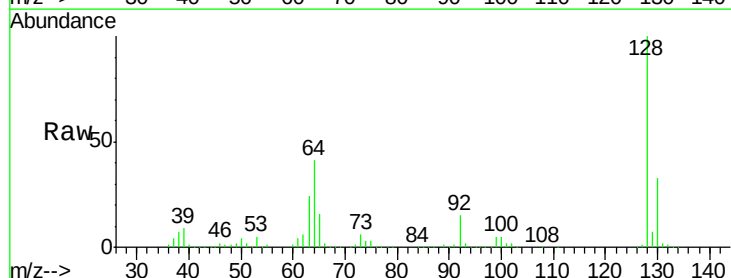
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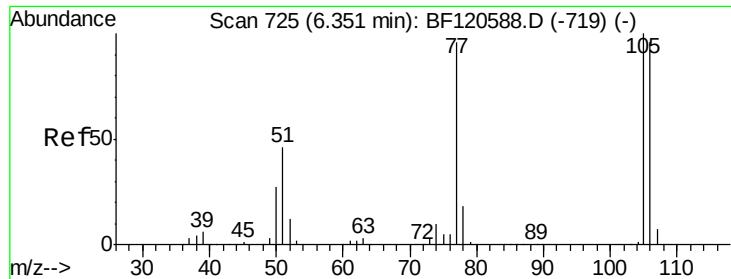
Delta R.T. 0.00 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		369043		
130	32.6	12.6	52.6		
64	40.6	24.3	64.3		





#9

Benzaldehyde

Concen: 37.948 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

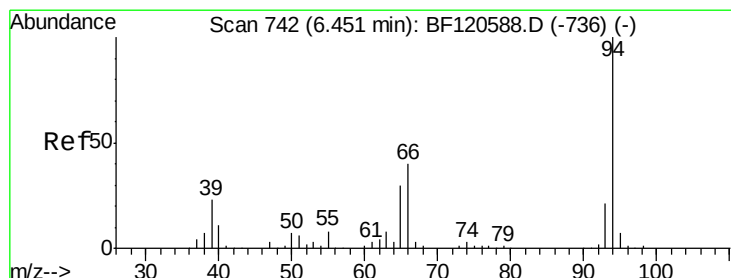
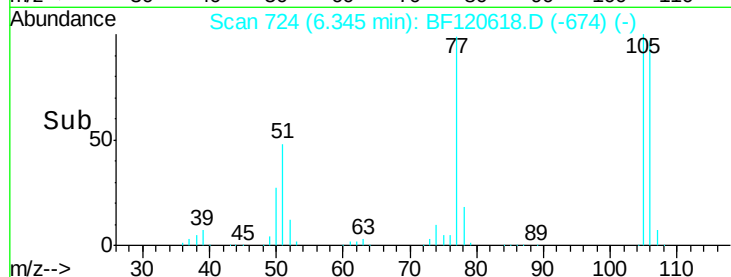
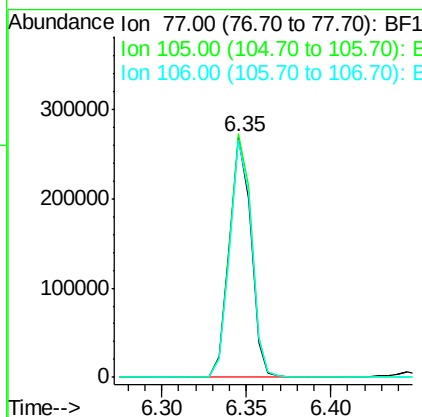
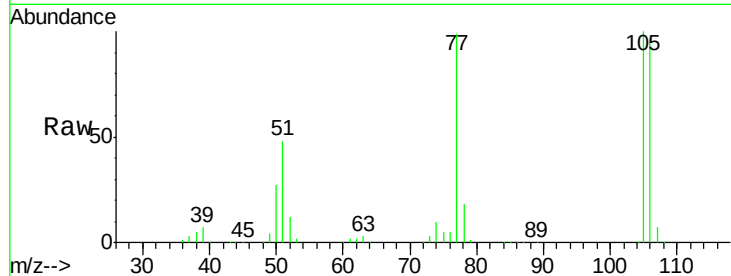
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.5	83.8	123.8
106	98.7	79.3	119.3

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#10

Phenol

Concen: 44.848 ng

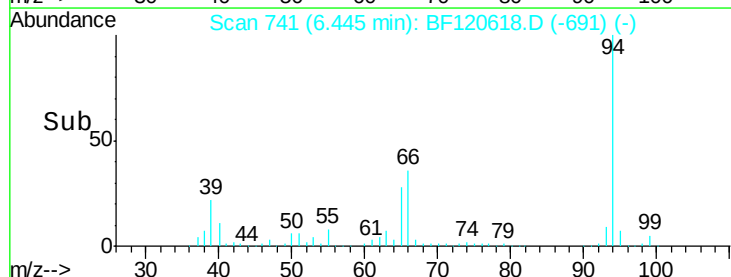
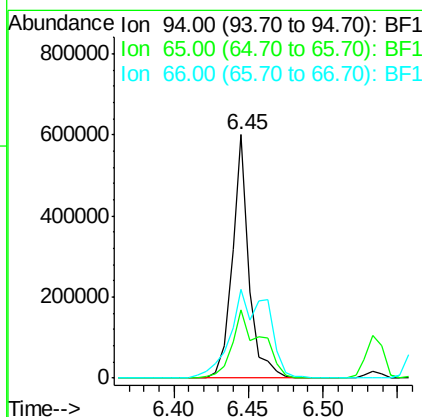
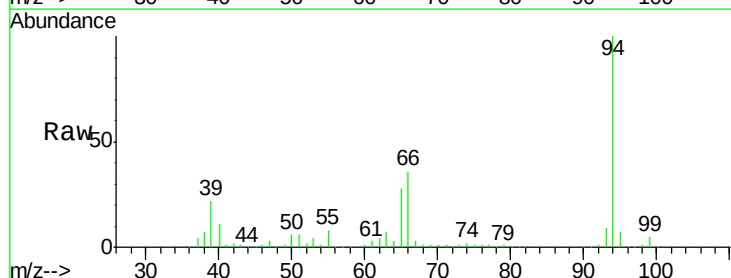
RT: 6.45 min Scan# 741

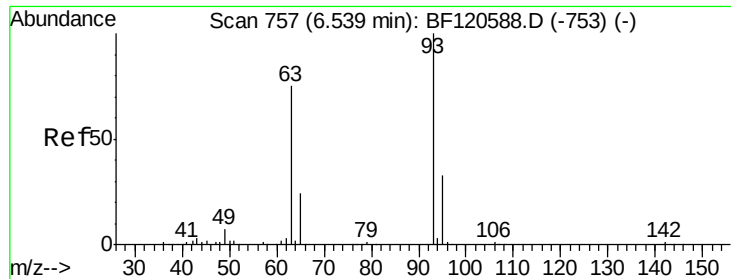
Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.9	49.9
66	36.4	20.1	60.1





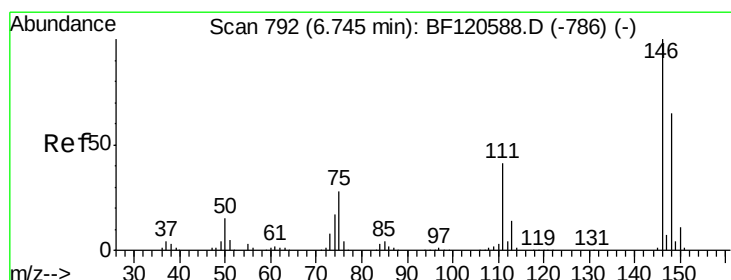
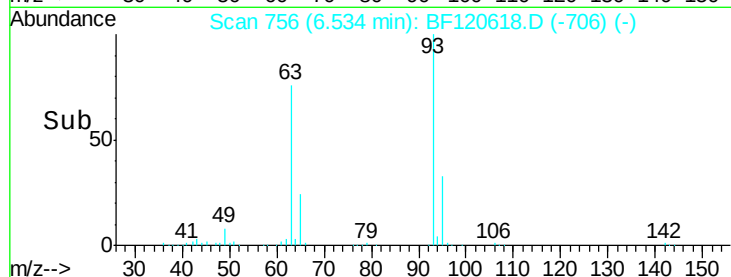
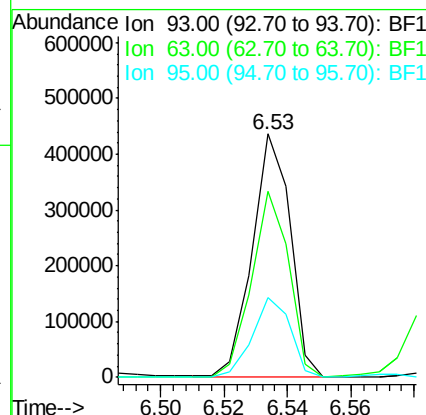
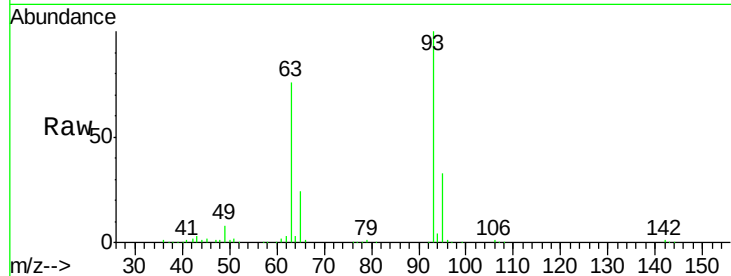
#11
bis(2-Chloroethyl)ether
Concen: 41.221 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		364199		
63	76.2	54.4	94.4		
95	32.8	12.9	52.9		

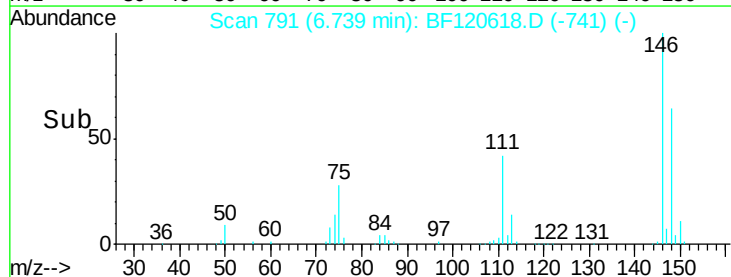
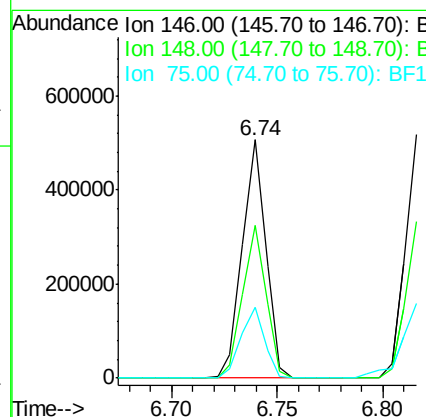
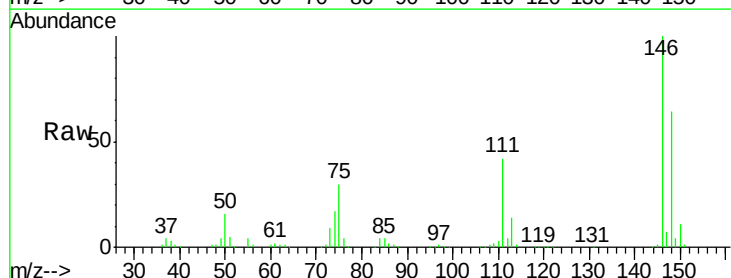
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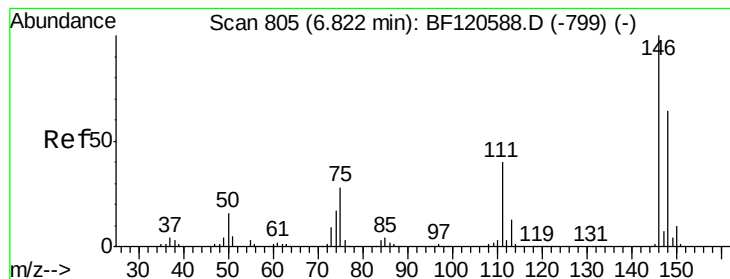
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.570 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		389038		
148	64.3	51.8	77.6		
75	29.7	22.2	33.4		





#13

1,4-Dichlorobenzene

Concen: 41.185 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

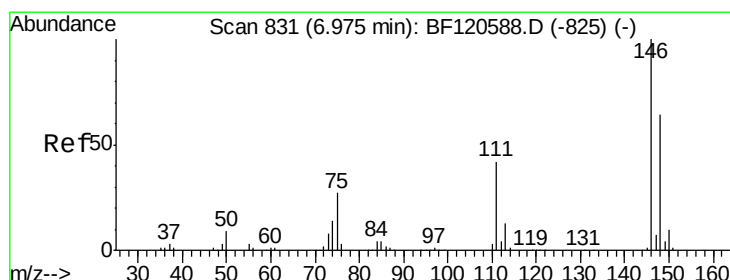
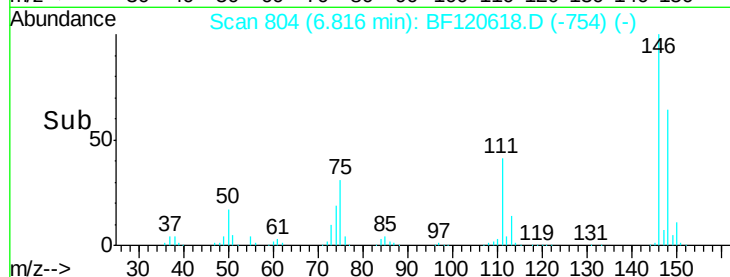
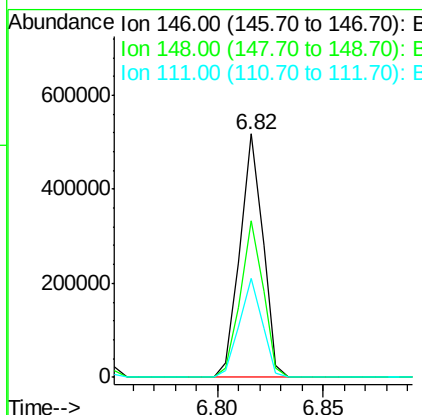
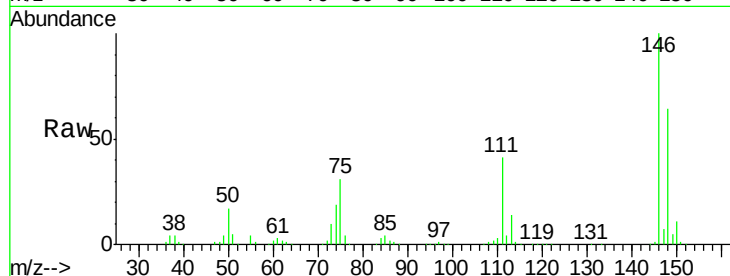
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	389660
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.5	77.3
111	40.9	32.2	48.4

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#14

1,2-Dichlorobenzene

Concen: 40.207 ng

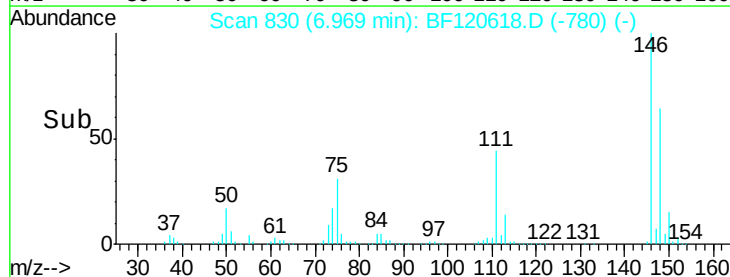
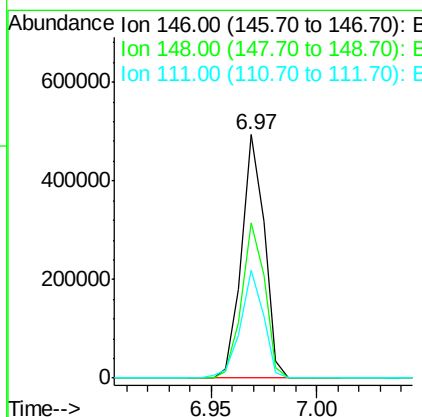
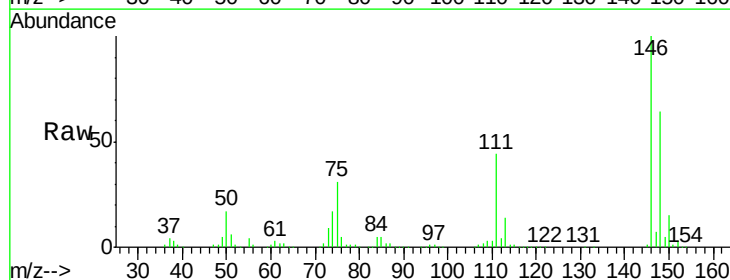
RT: 6.97 min Scan# 830

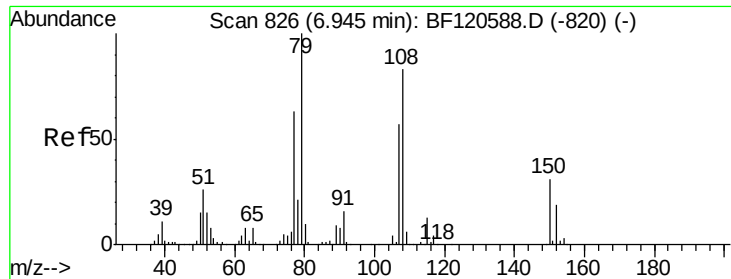
Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion:	146	Resp:	370562
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	44.5	33.6	50.4





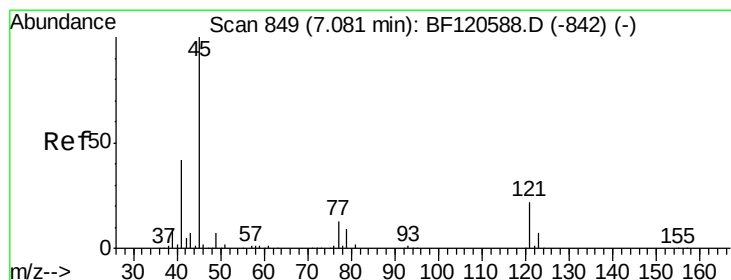
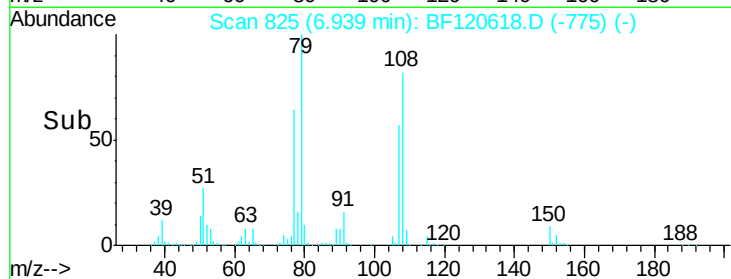
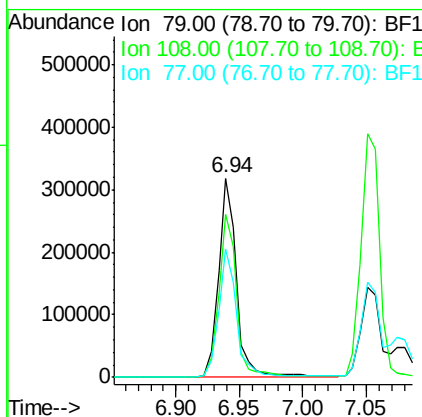
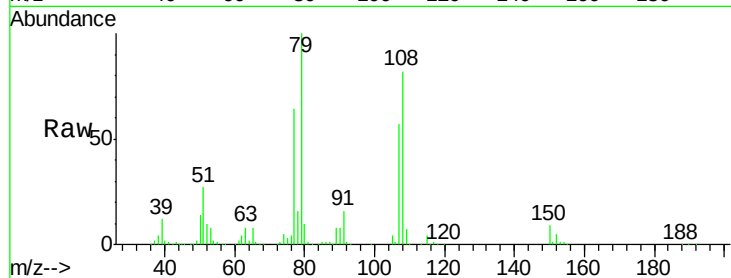
#15
Benzyl Alcohol
Concen: 45.336 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	82.0	66.8	100.2		
77	64.4	50.6	76.0		

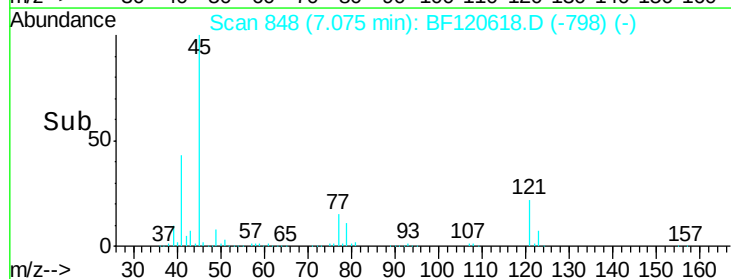
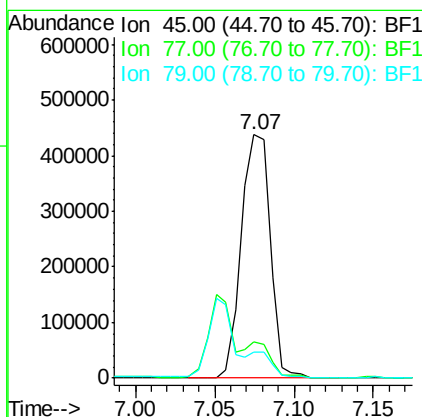
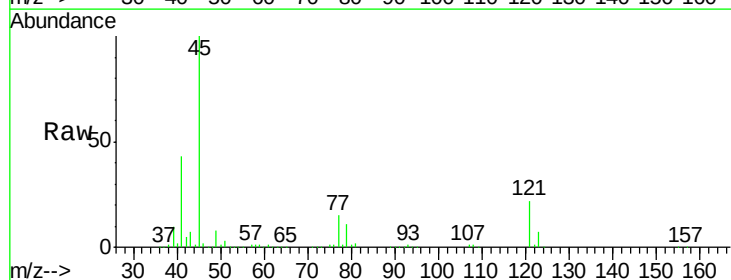
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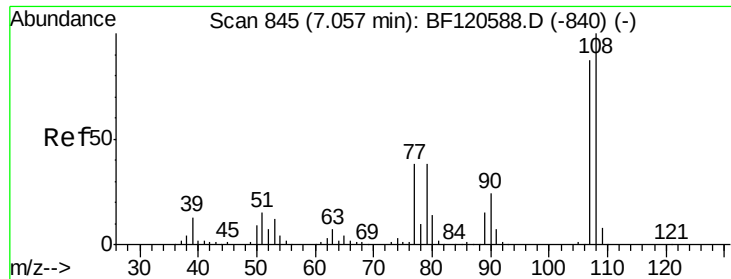
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.497 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	14.7	0.0	34.2		
79	10.9	0.0	30.9		





#17

2-Methylphenol

Concen: 44.332 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

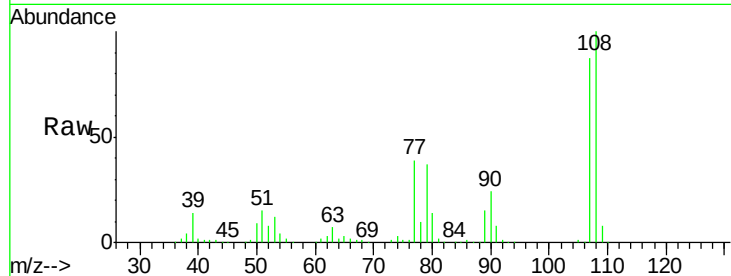
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	341054
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.9	137.9
77	44.7	35.4	53.2
79	42.6	34.8	52.2

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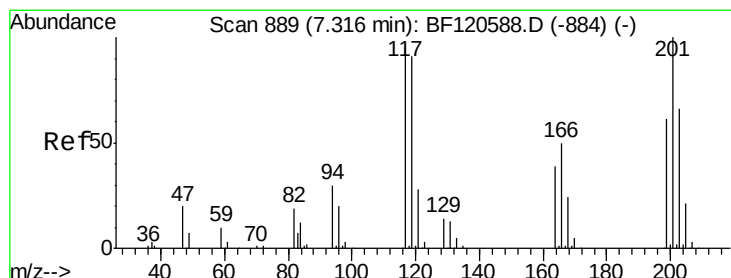
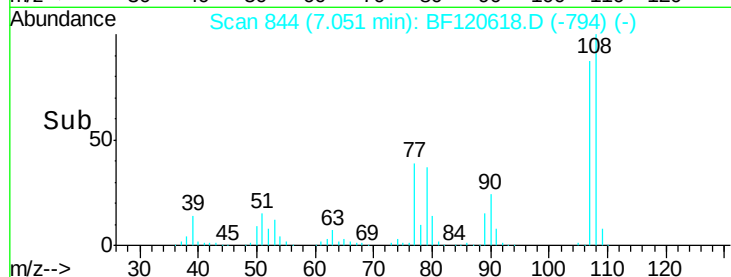
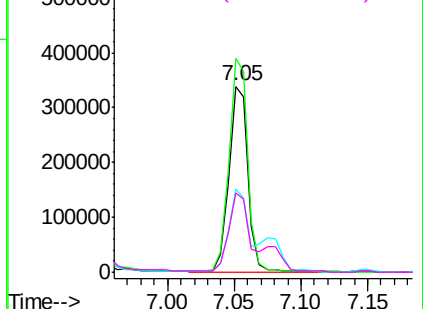


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.852 ng

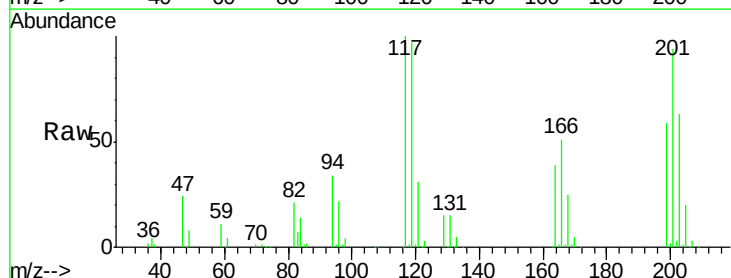
RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

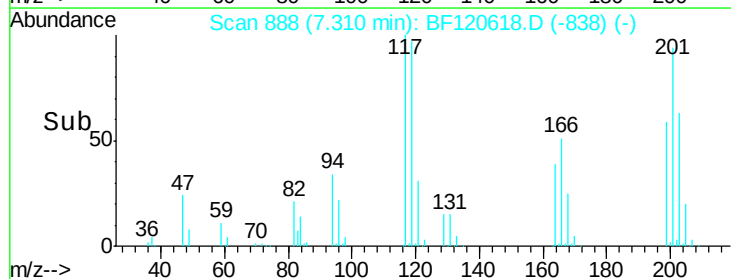
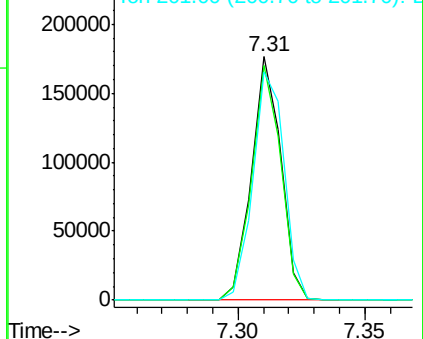
Tgt Ion:	117	Resp:	142420
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.9	115.3
201	93.8	84.6	127.0

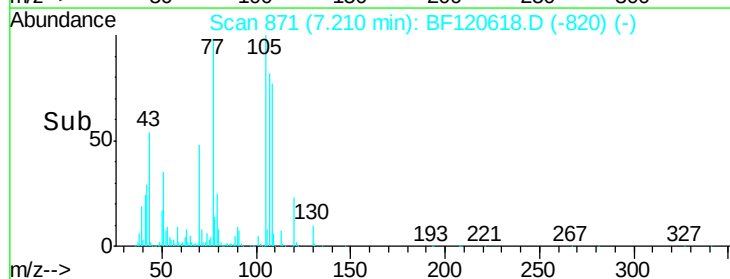
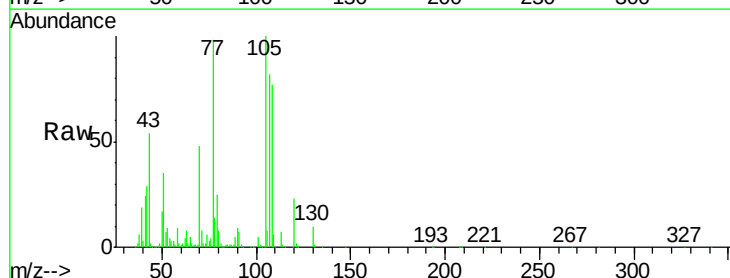
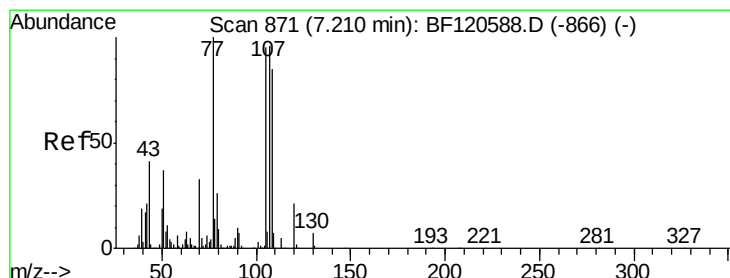
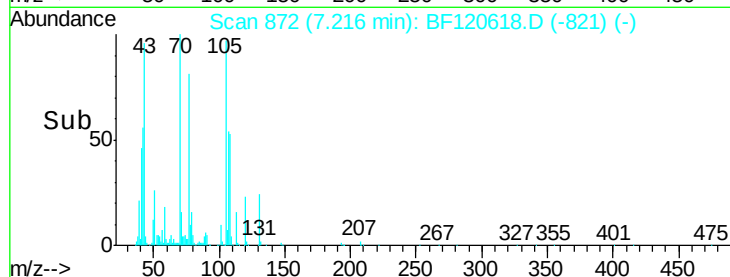
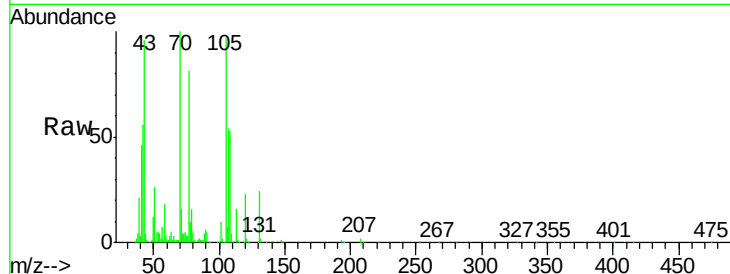
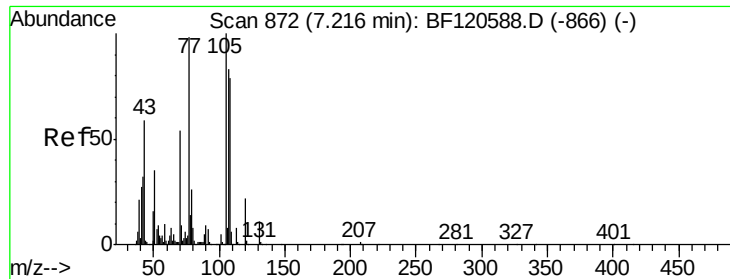


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

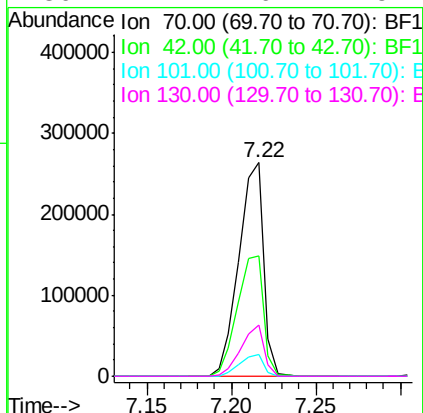
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.793 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.7	71.5
101	10.2	7.6	11.4
130	24.1	16.7	25.1



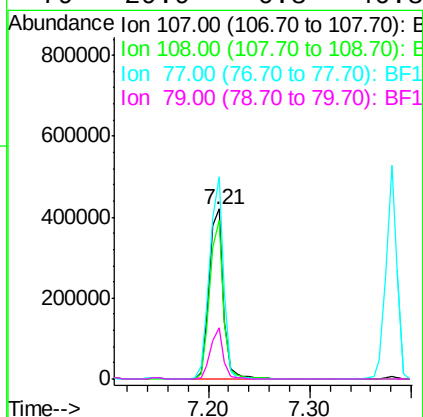
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

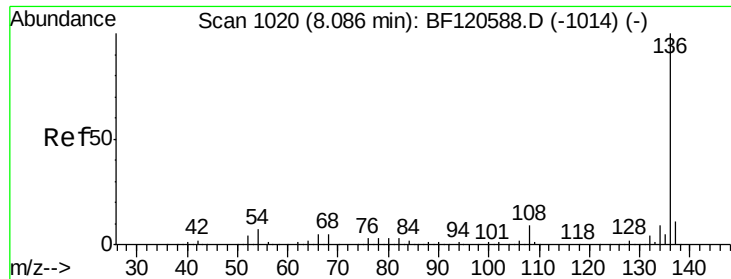
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#20
3+4-Methylphenols
Concen: 42.656 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.7	108.7
77	119.1	84.2	124.2
79	29.9	6.8	46.8





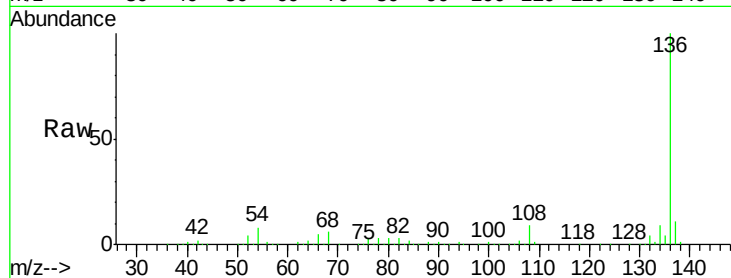
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.5	5.8	8.6
68	5.9	4.4	6.6

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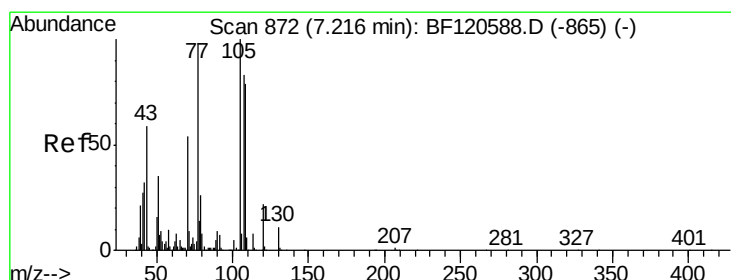
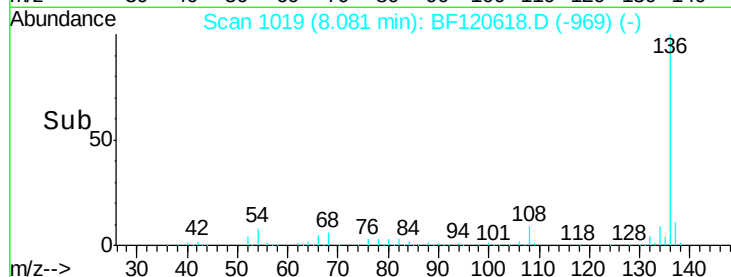
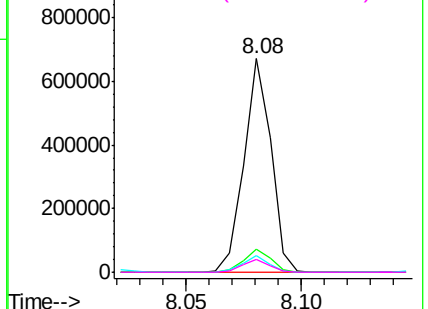
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.565 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.2	10.8
51	35.3	27.8	41.8
120	22.8	18.0	27.0

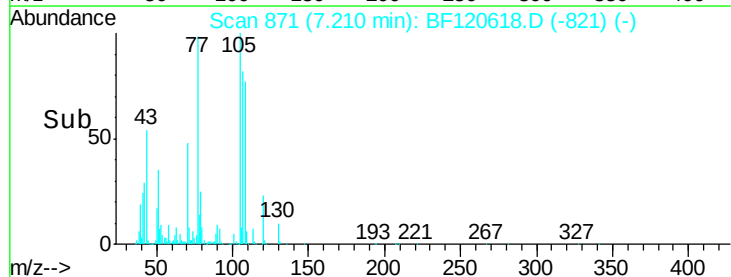
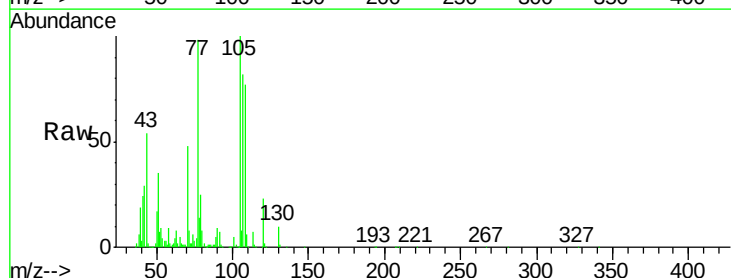
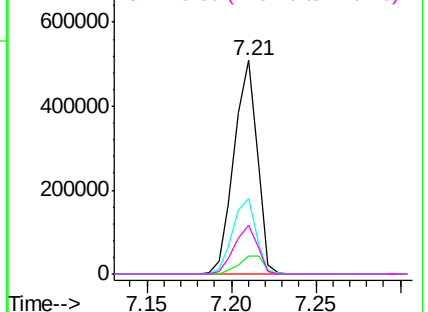
Abundance

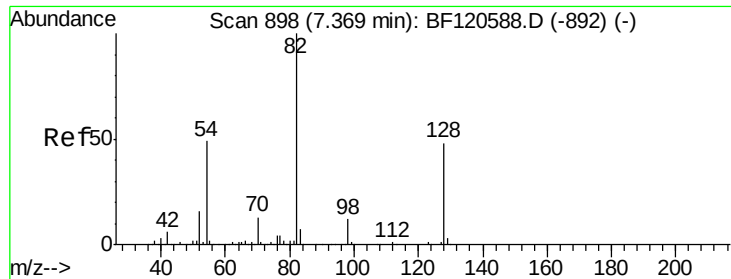
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





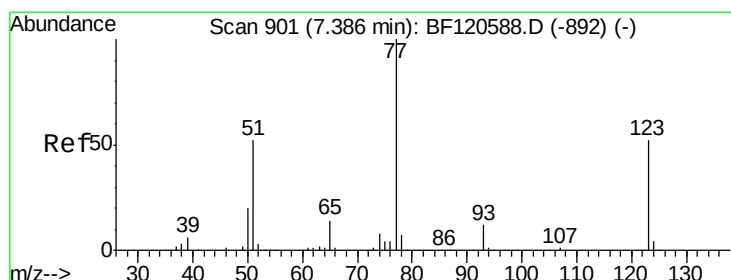
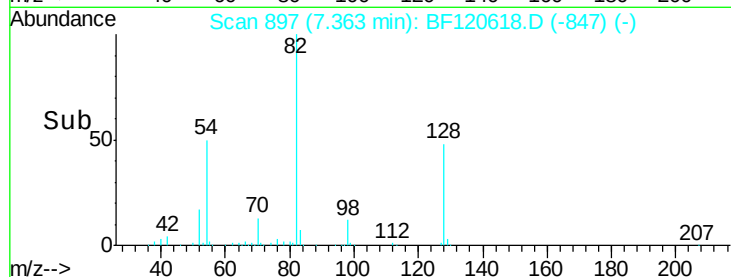
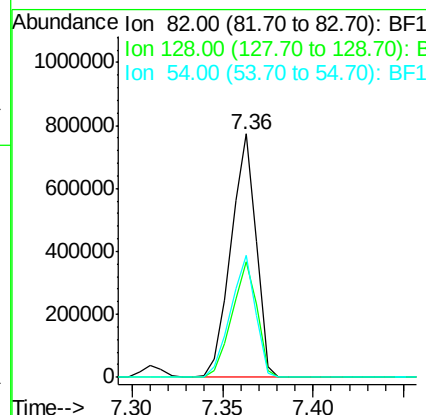
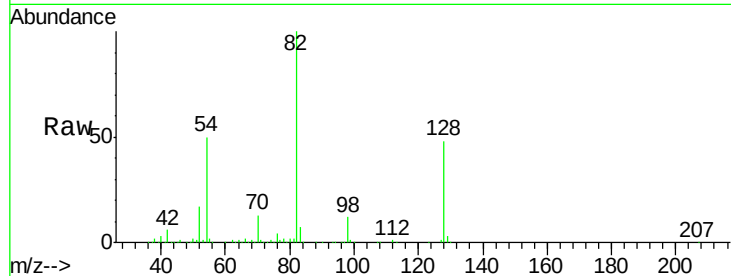
#23
Nitrobenzene-d5
Concen: 76.088 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.0	57.0
54	50.1	38.8	58.2

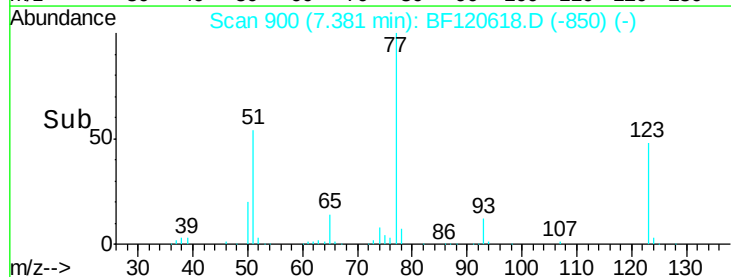
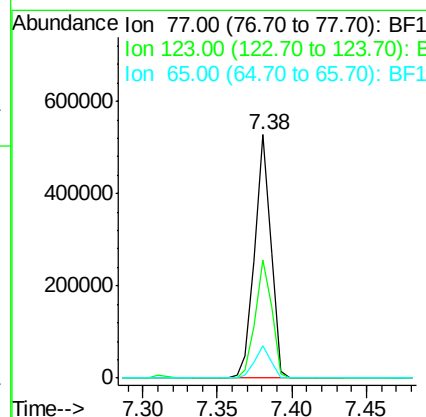
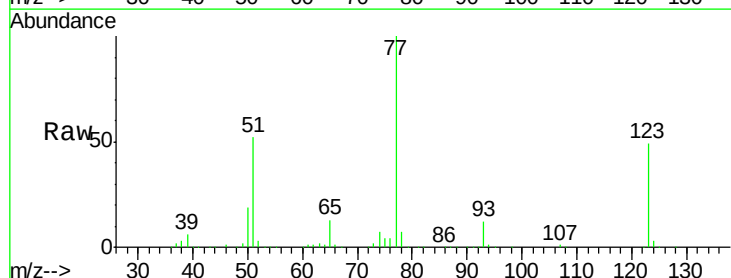
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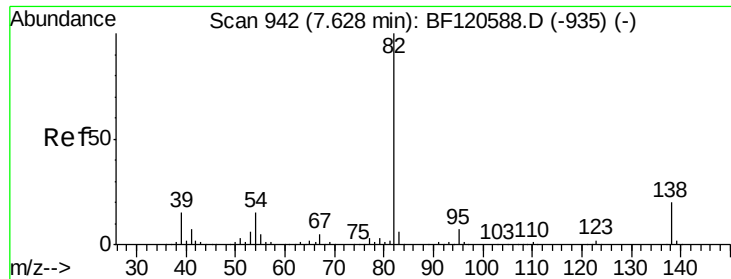
mohammad
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#24
Nitrobenzene
Concen: 38.699 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	41.4	62.0
65	13.4	11.0	16.4





#25

Isophorone

Concen: 41.367 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

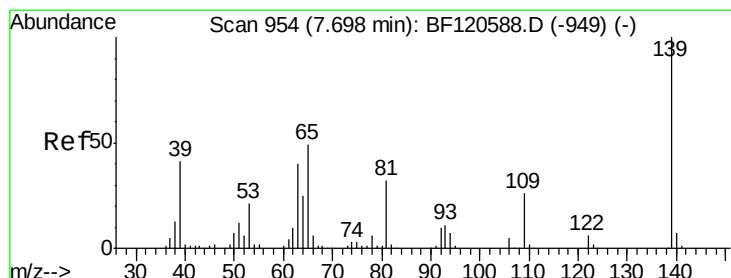
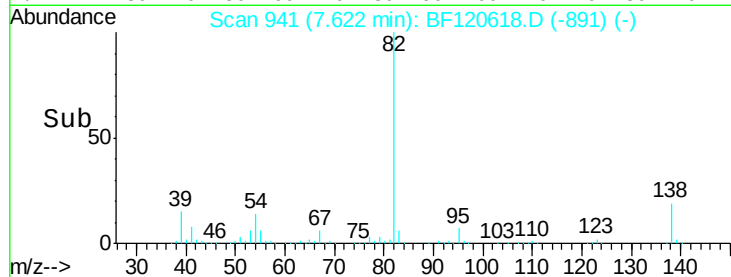
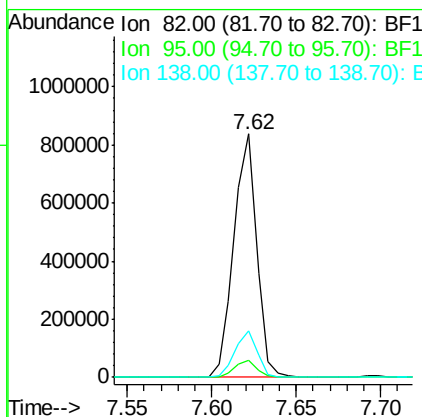
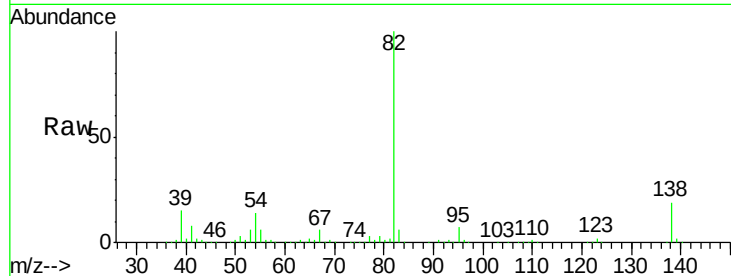
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	790782
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.7	8.5
138	19.3	16.2	24.4

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#26

2-Nitrophenol

Concen: 38.575 ng

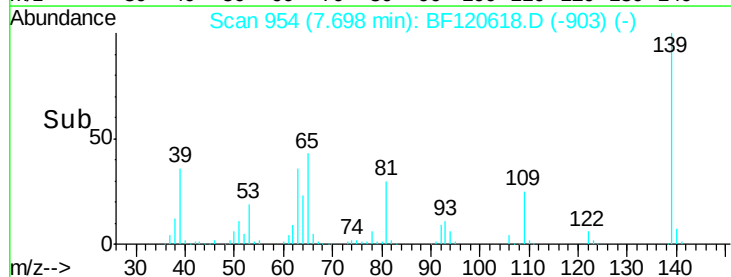
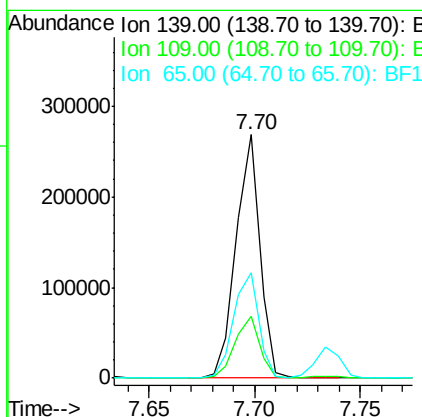
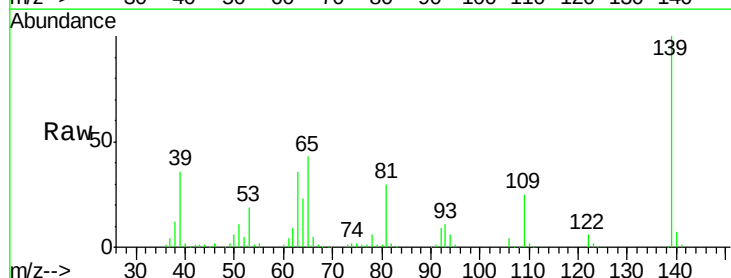
RT: 7.70 min Scan# 954

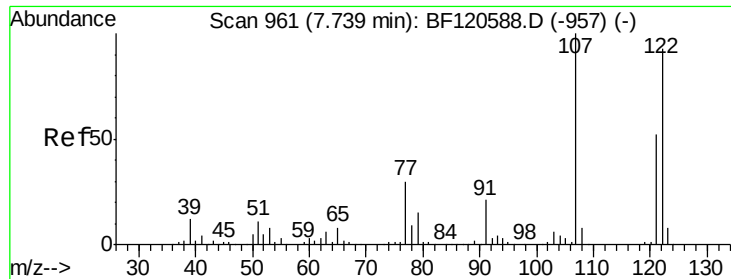
Delta R.T. 0.00 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion:	139	Resp:	209572
Ion Ratio	Lower	Upper	
139	100		
109	25.4	21.1	31.7
65	43.2	39.4	59.0





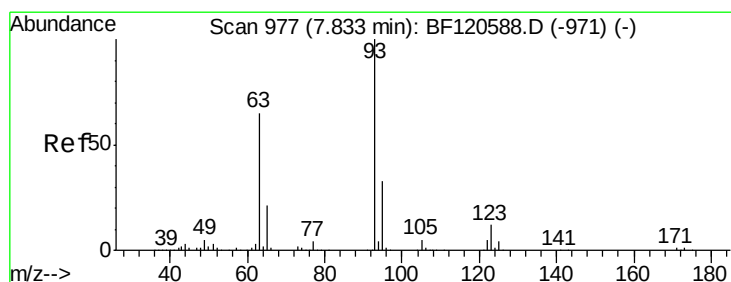
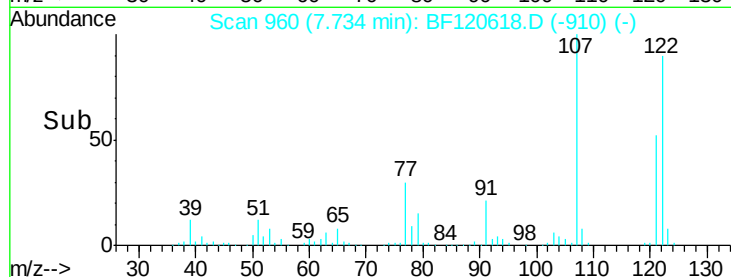
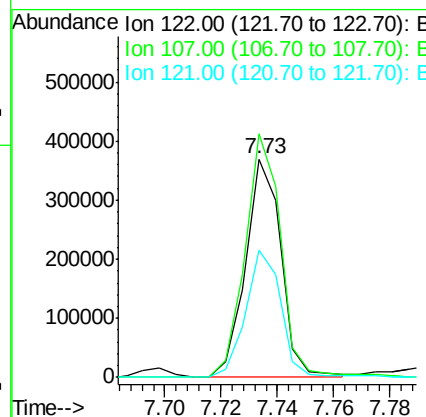
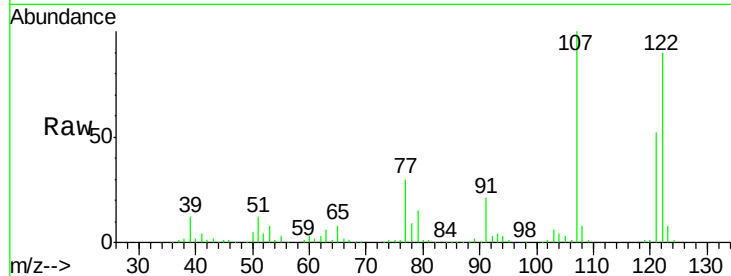
#27
 2,4-Dimethylphenol
 Concen: 40.201 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	86.4	129.6
121	58.1	45.2	67.8

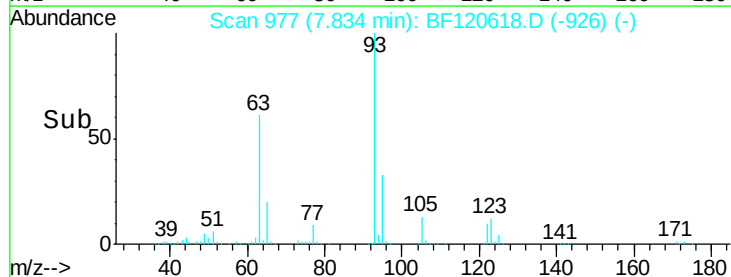
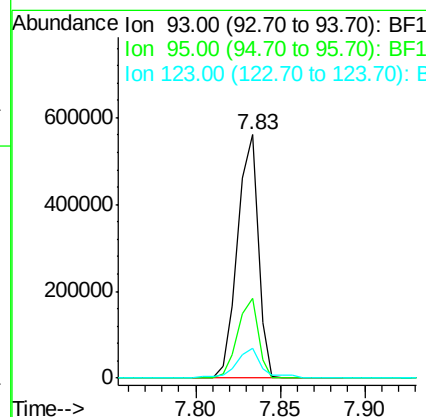
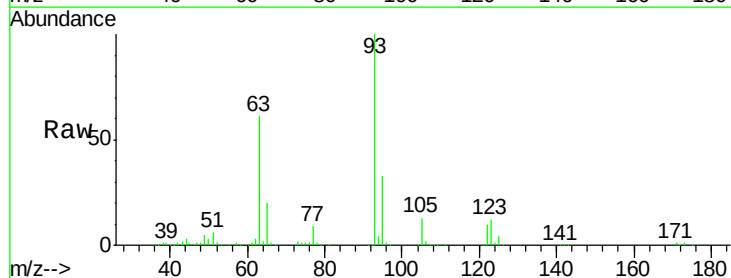
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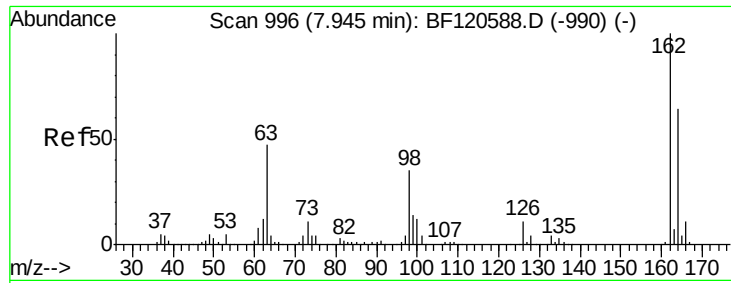
mohammad
 6/16/2020 11:06:34 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.094 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.3	9.5	14.3





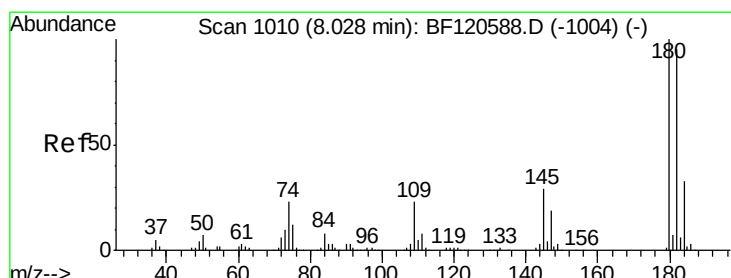
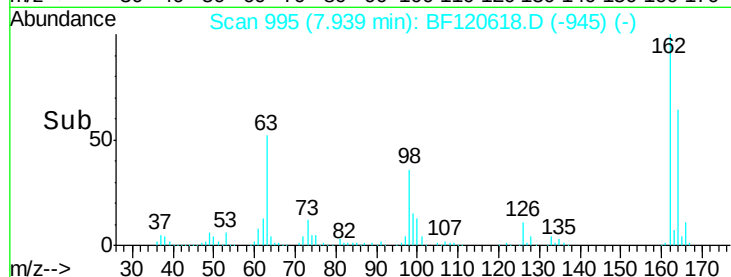
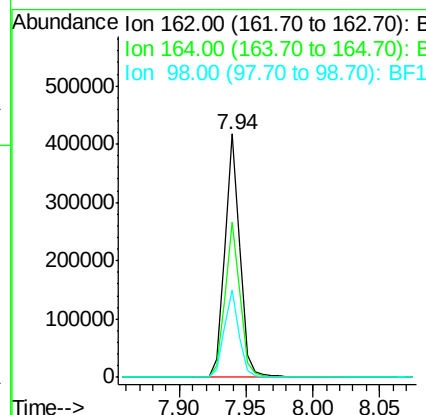
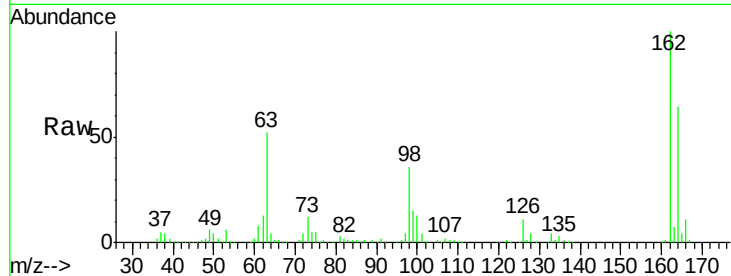
#29
 2,4-Dichlorophenol
 Concen: 41.330 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	336067		
164	63.5	44.1	84.1	
98	36.0	14.7	54.7	

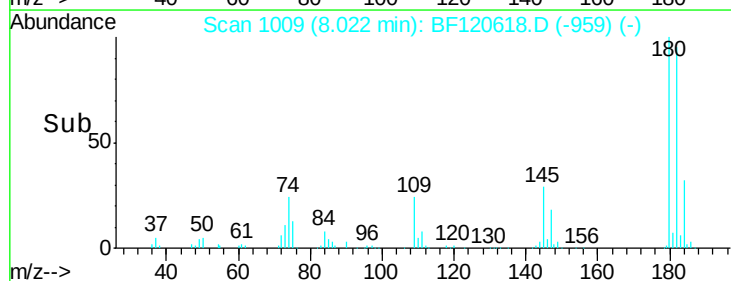
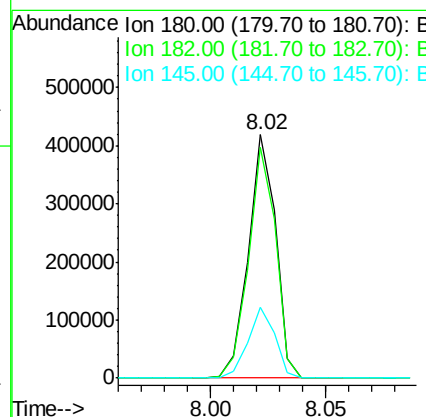
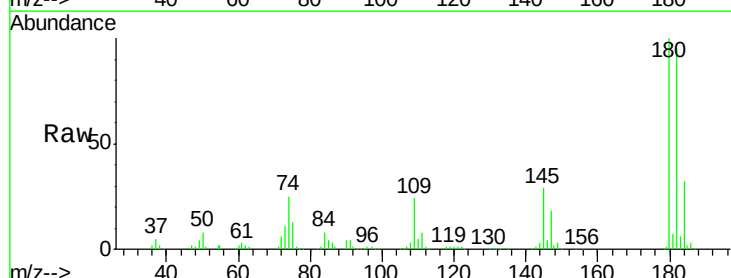
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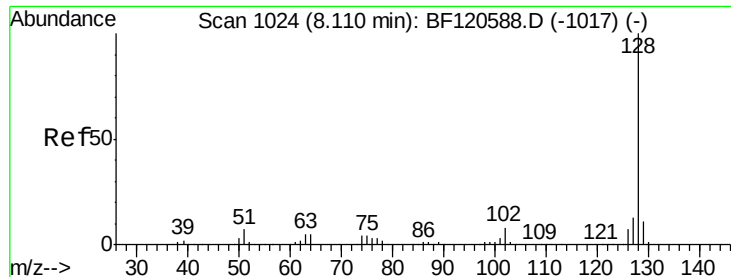
mohammad
 6/16/2020 11:06:34 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.566 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347528		
182	95.1	75.8	113.6	
145	29.2	23.0	34.6	





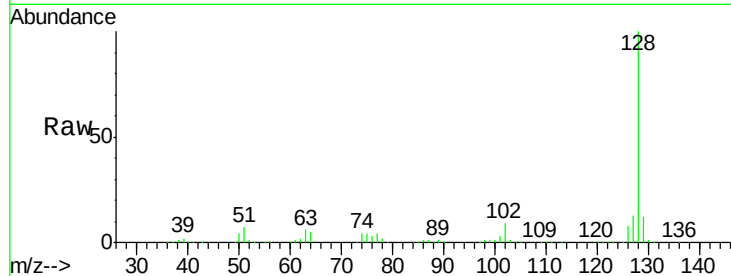
#31
Naphthalene
Concen: 40.520 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

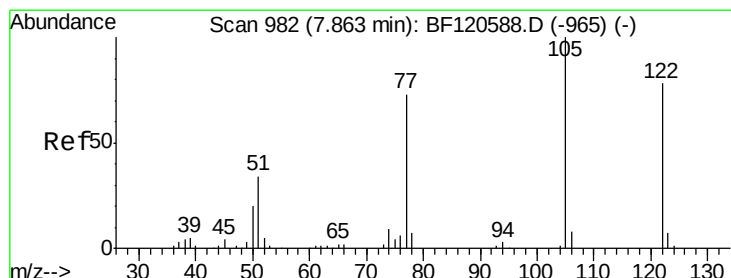
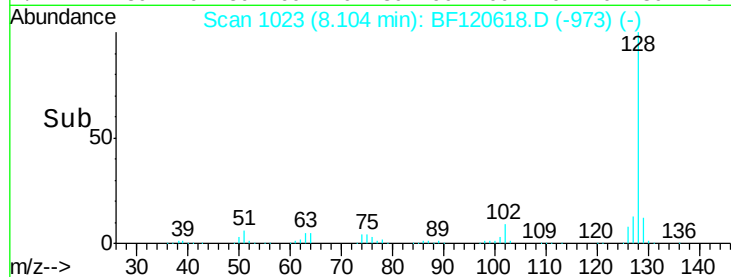
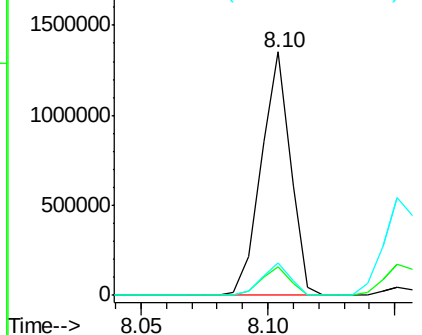
Tot Ion:128 Resp: 1091416
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.6 15.8

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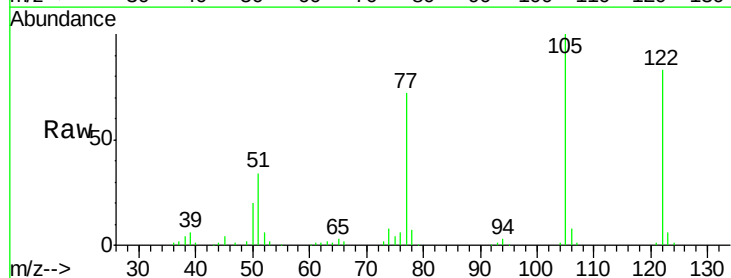


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

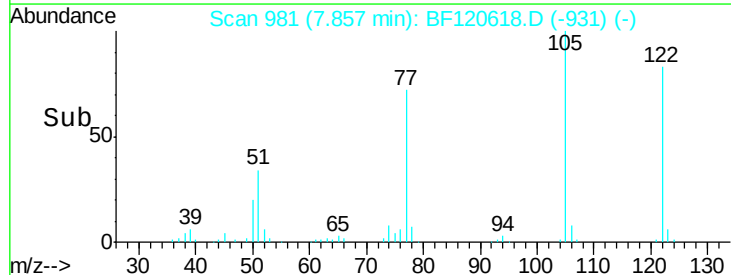
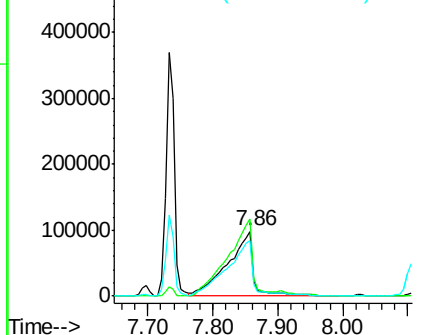


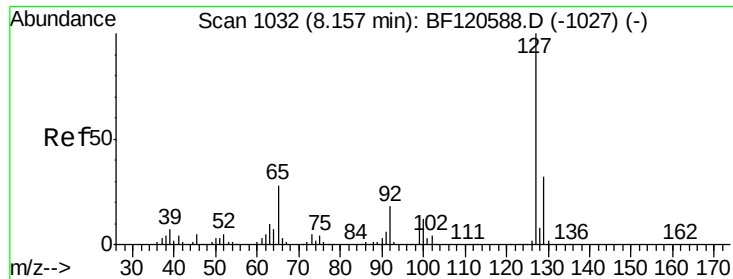
#32
Benzoic acid
Concen: 43.685 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion:122 Resp: 268119
Ion Ratio Lower Upper
122 100
105 119.9 101.0 141.0
77 86.1 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





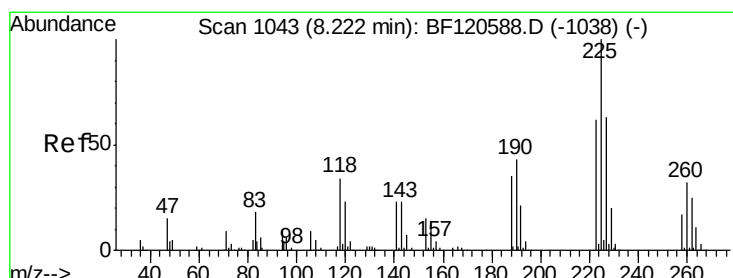
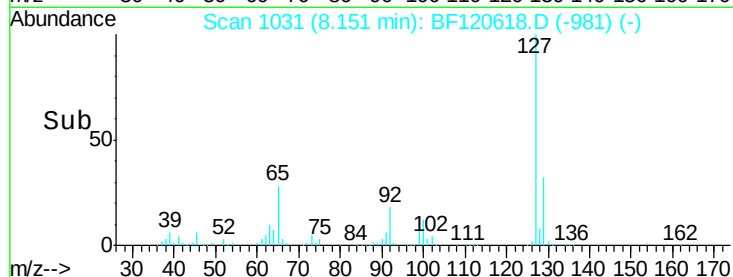
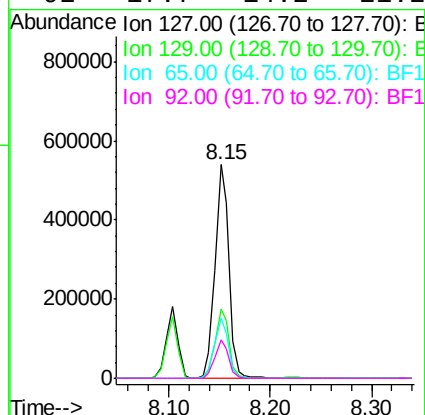
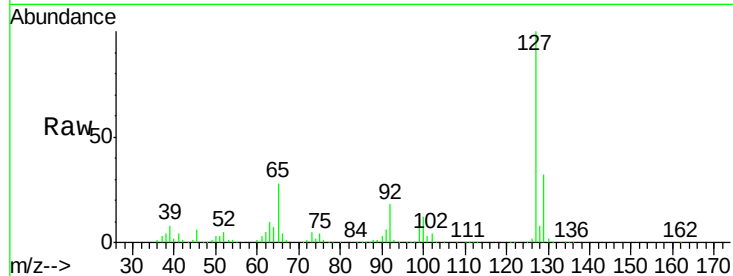
#33
4-Chloroaniline
Concen: 41.571 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	28.3	22.2	33.4		
92	17.7	14.2	21.2		

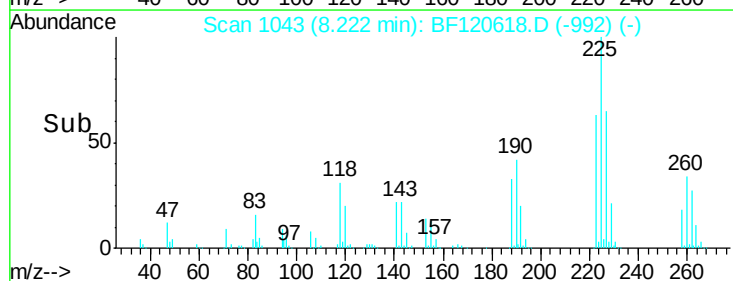
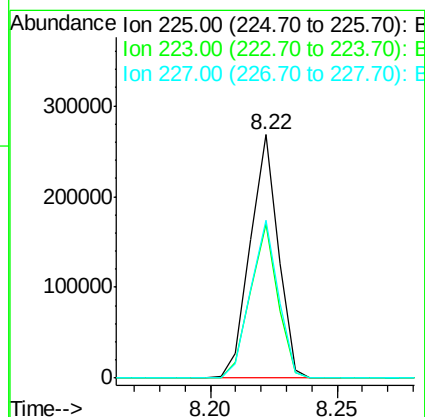
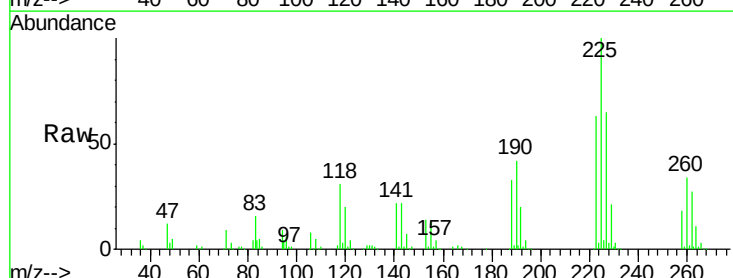
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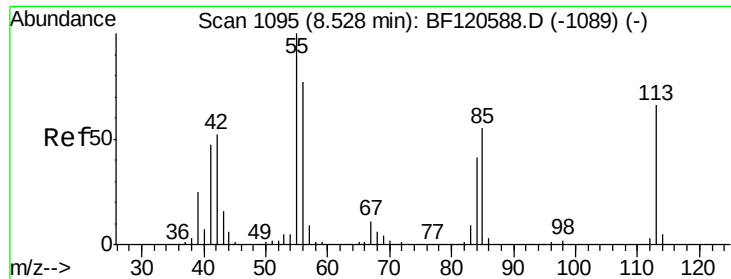
mohammad
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#34
Hexachlorobutadiene
Concen: 39.349 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.9	74.9		
227	64.6	50.5	75.7		





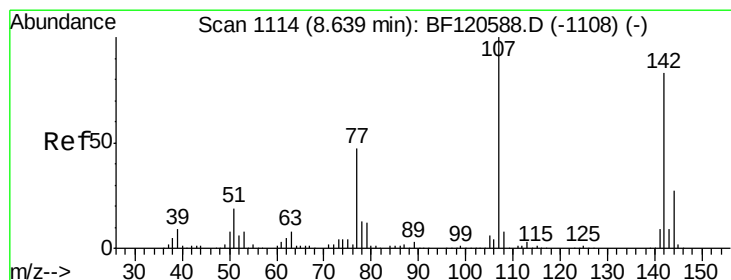
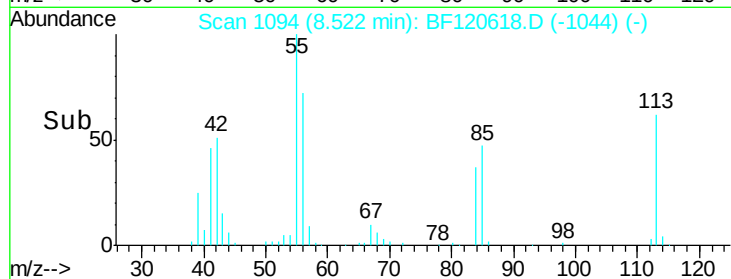
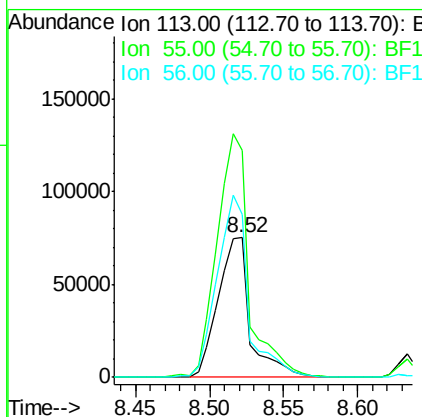
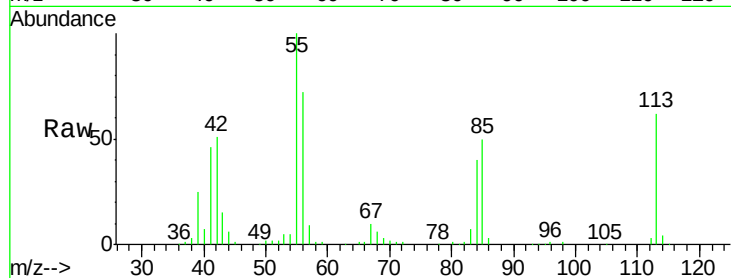
#35
Caprolactam
Concen: 43.506 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	162.5	133.1	173.1	
56	117.1	98.4	138.4	

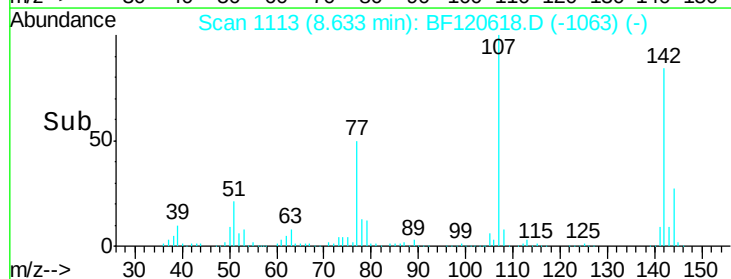
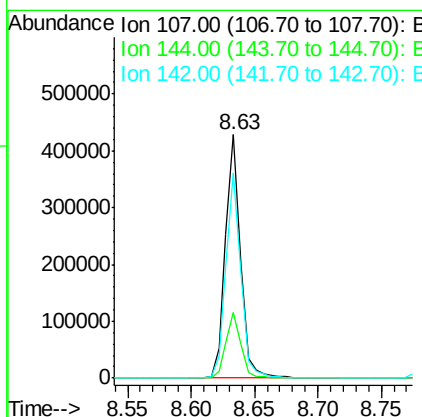
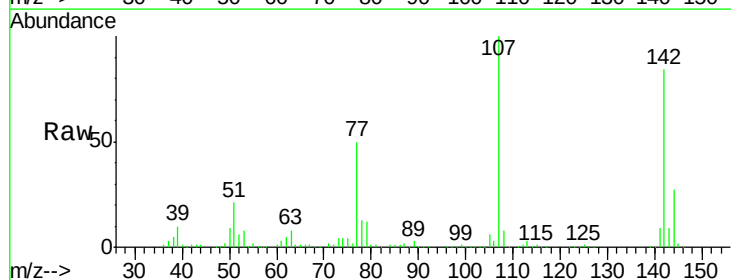
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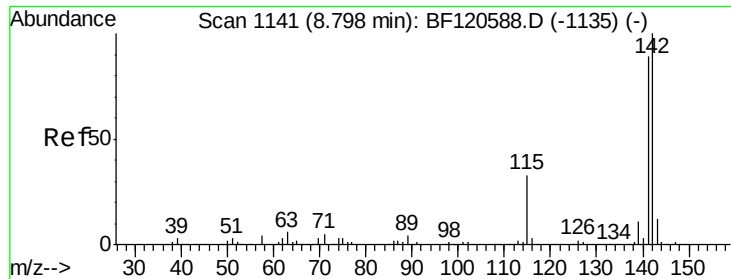
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.894 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.0	21.4	32.2	
142	84.5	66.3	99.5	





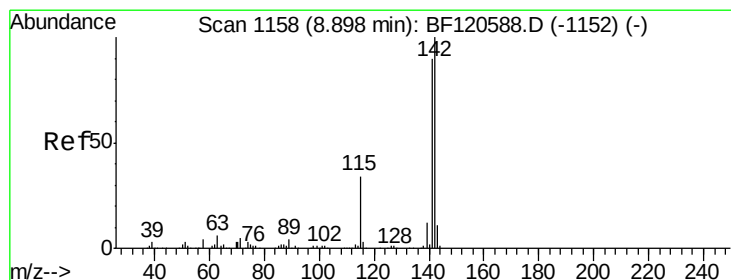
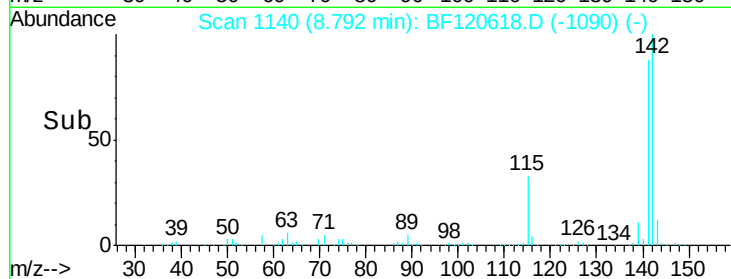
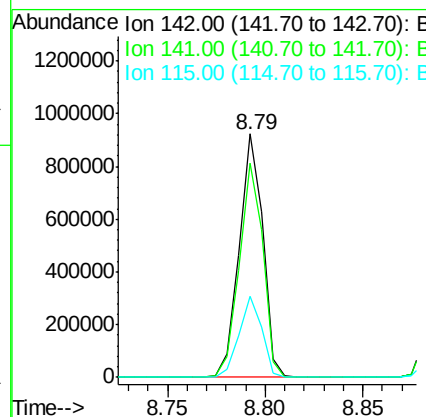
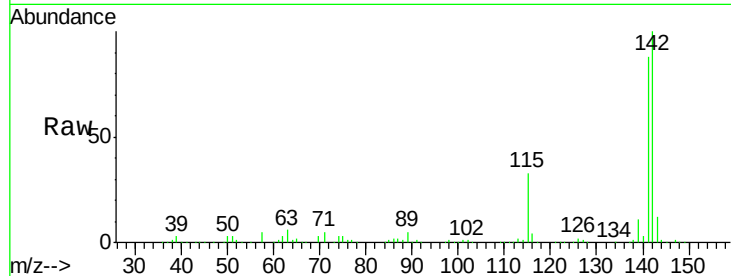
#37
2-Methylnaphthalene
Concen: 43.760 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	33.1	26.1	39.1

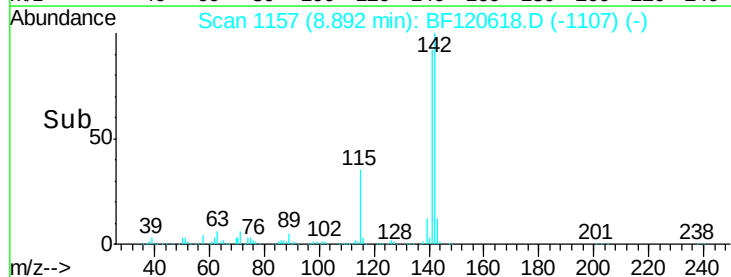
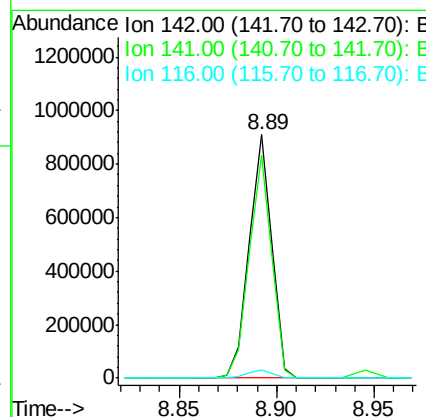
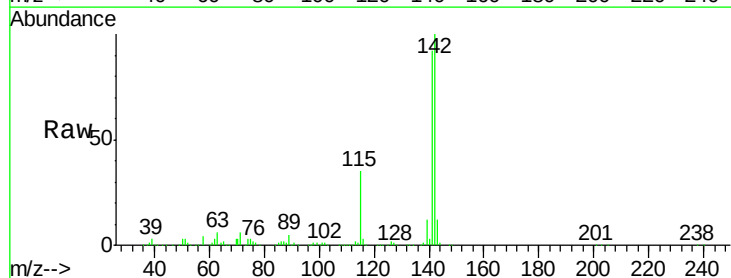
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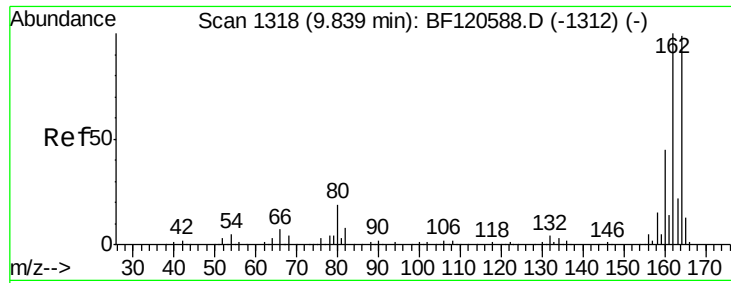
mohammad
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#38
1-Methylnaphthalene
Concen: 44.206 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.1	108.1
116	3.5	2.7	4.1





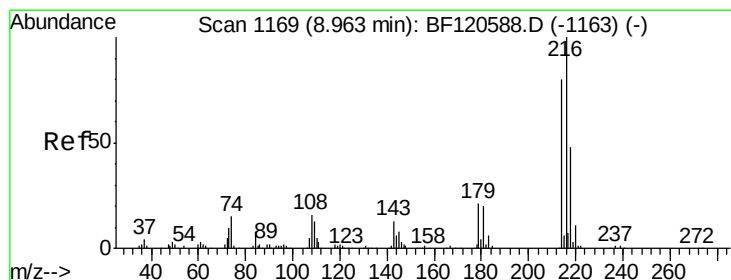
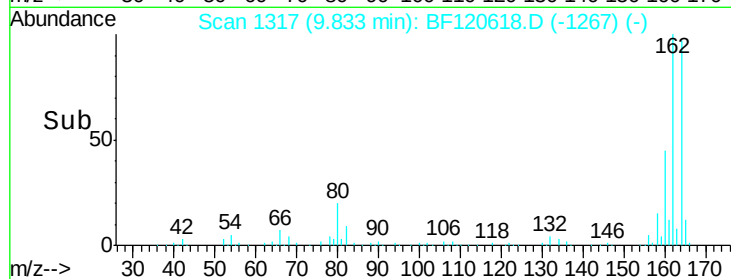
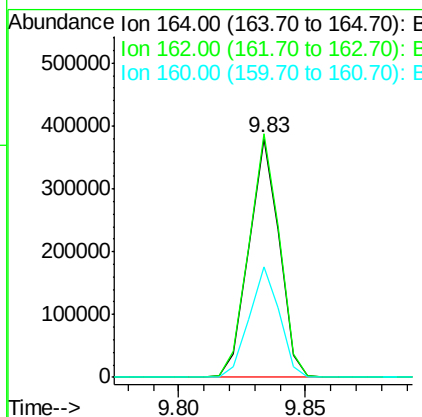
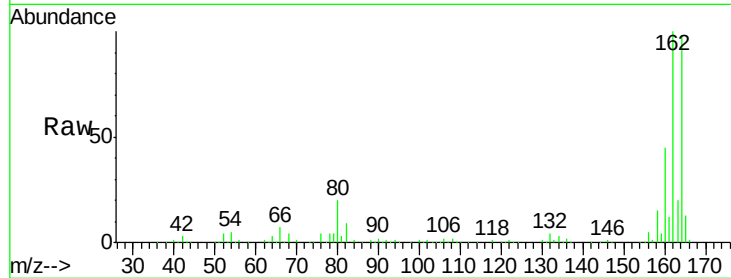
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.2	36.2	54.2

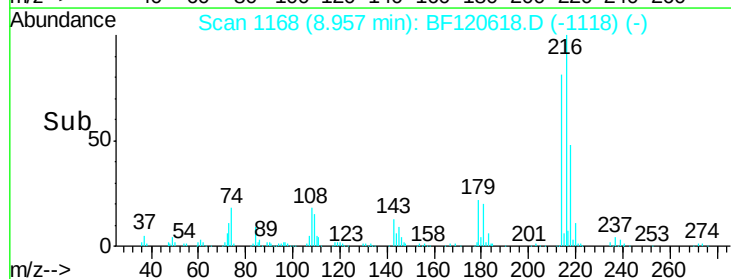
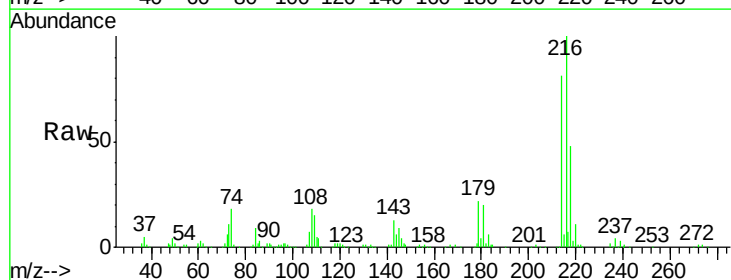
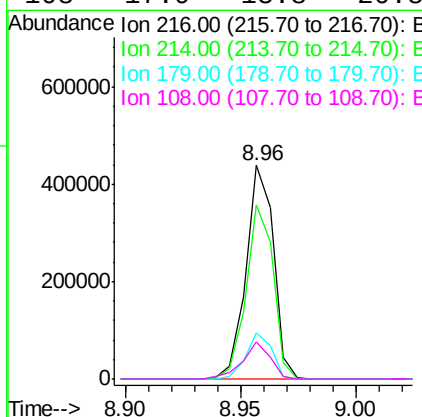
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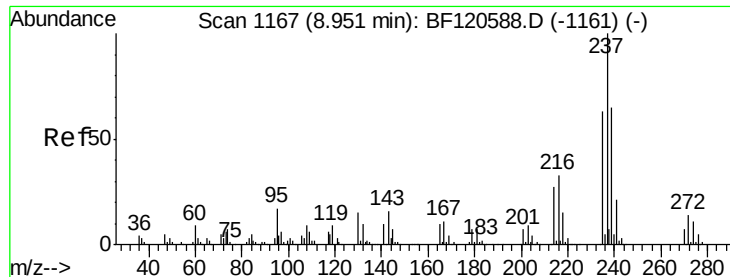
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.564 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	20.6	16.4	24.6
108	17.9	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 35.887 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

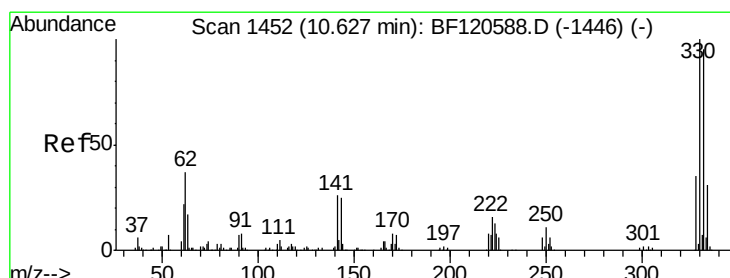
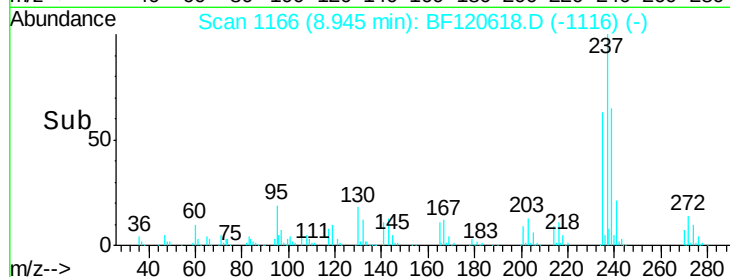
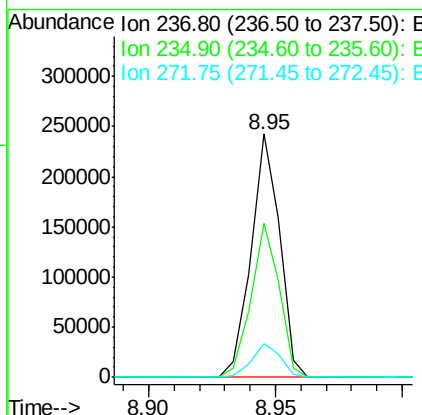
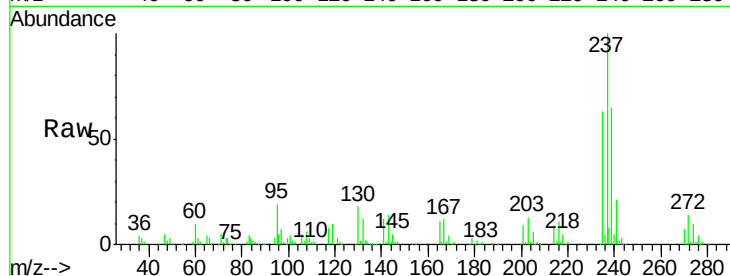
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	190344
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	13.6	0.0	33.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 79.631 ng

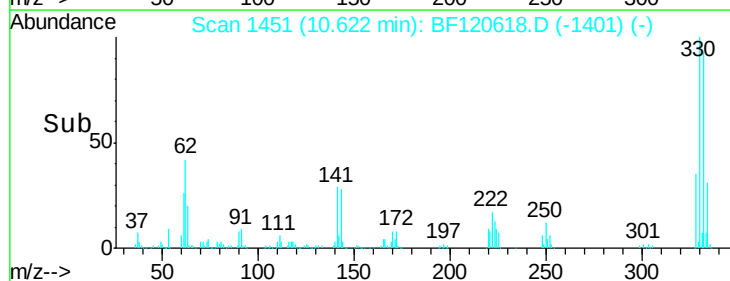
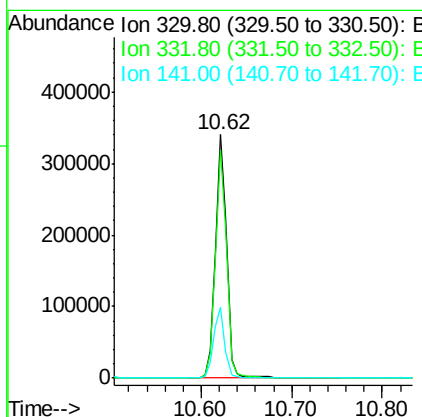
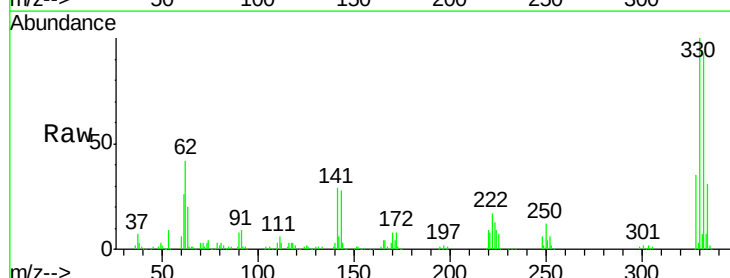
RT: 10.62 min Scan# 1451

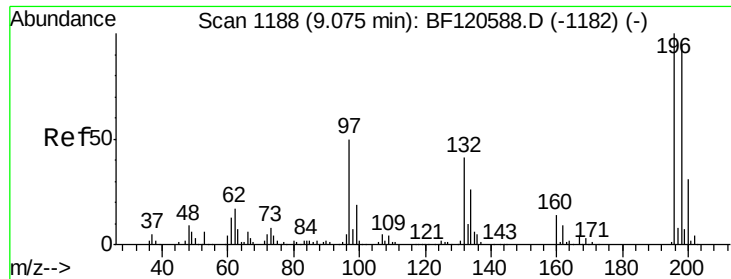
Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion:	330	Resp:	293475
Ion Ratio	Lower	Upper	
330	100		
332	94.1	76.8	115.2
141	28.9	23.2	34.8





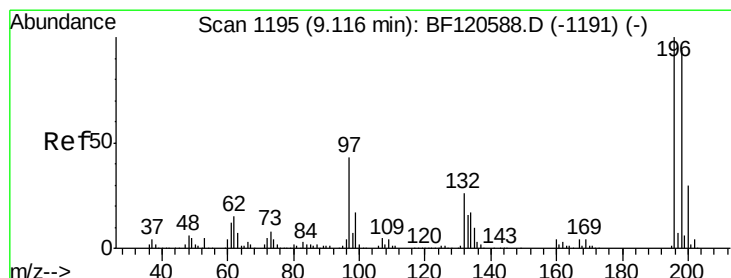
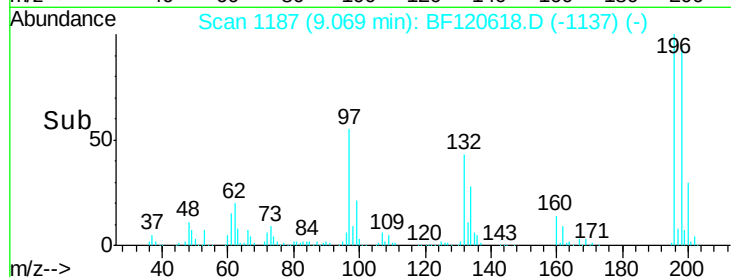
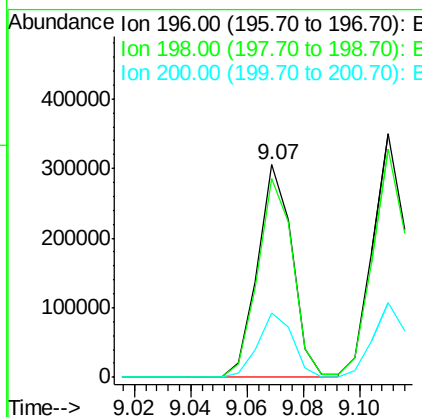
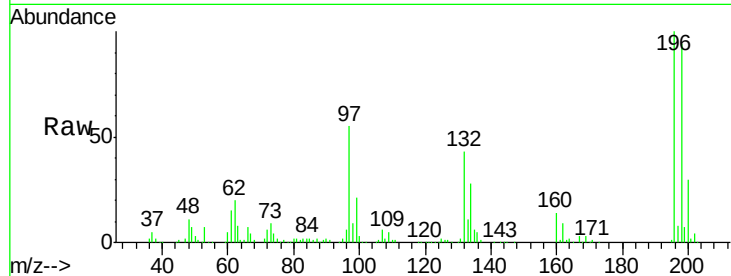
#43
 2,4,6-Trichlorophenol
 Concen: 38.796 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260480		
198	93.6	76.2	114.2	
200	30.3	24.6	37.0	

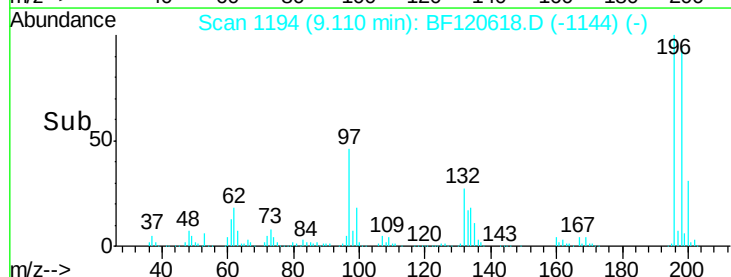
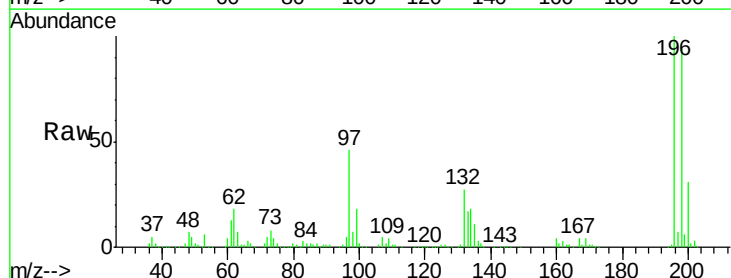
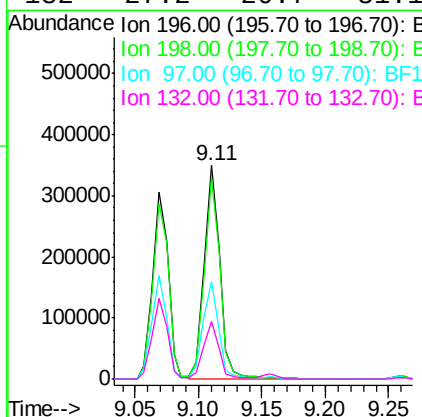
Manual Integrations
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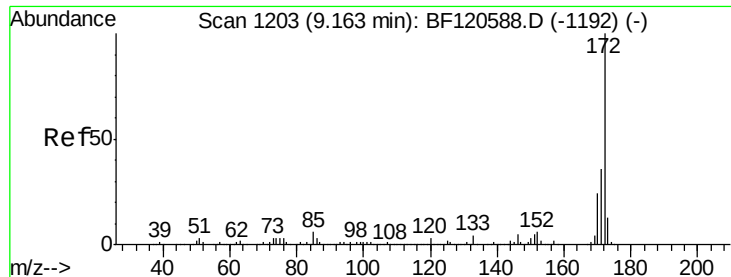
mohammad
 6/16/2020 11:06:34 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.408 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300181		
198	93.9	75.5	113.3	
97	45.7	34.4	51.6	
132	27.2	20.7	31.1	





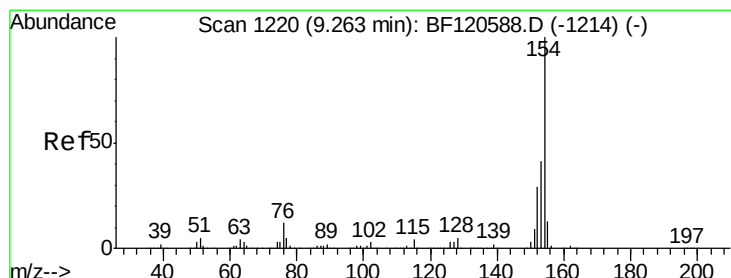
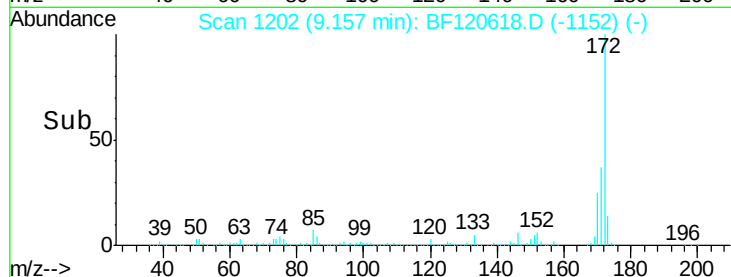
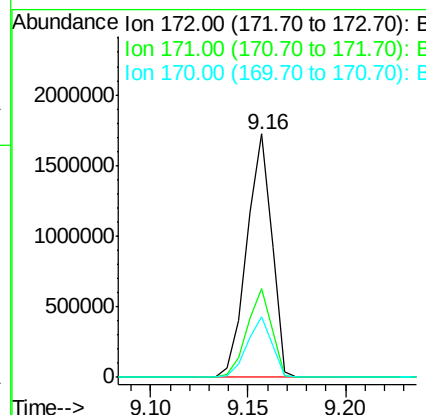
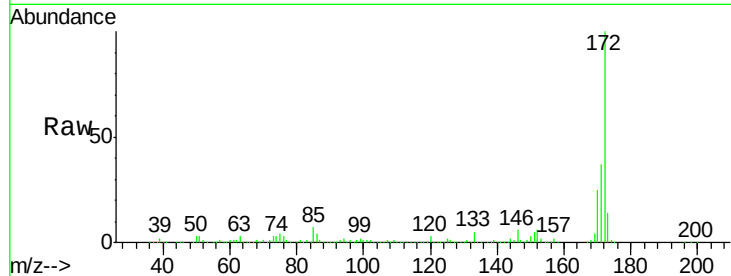
#45
2-Fluorobiphenyl
Concen: 73.623 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.9	19.4	29.2

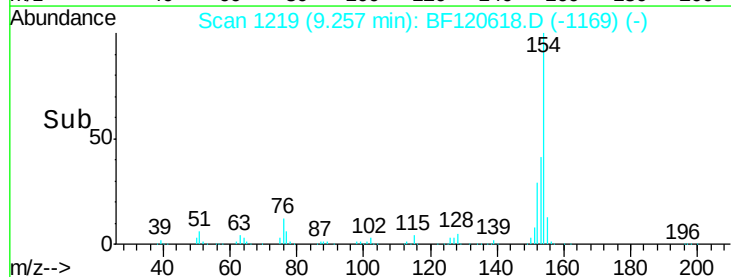
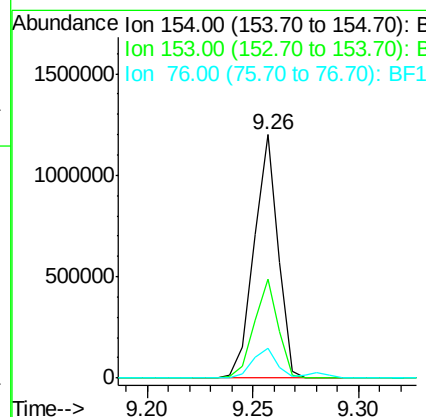
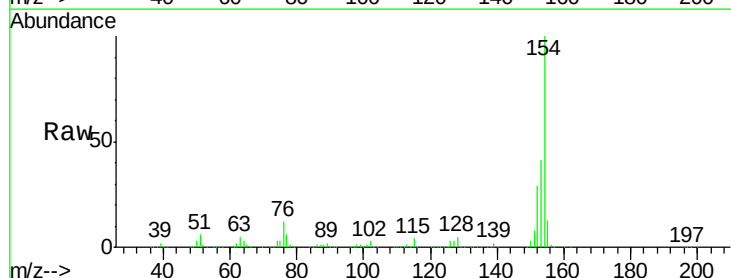
Manual Integrations
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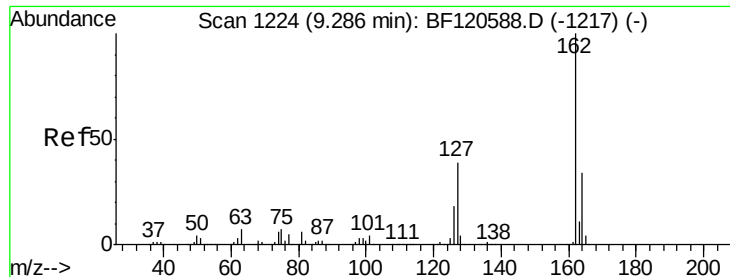
mohammad
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#46
1,1'-Biphenyl
Concen: 39.994 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	12.2	0.0	31.6





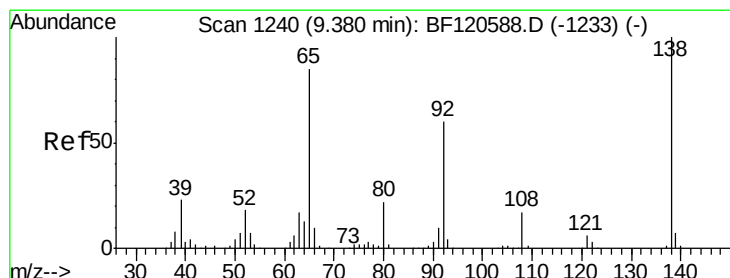
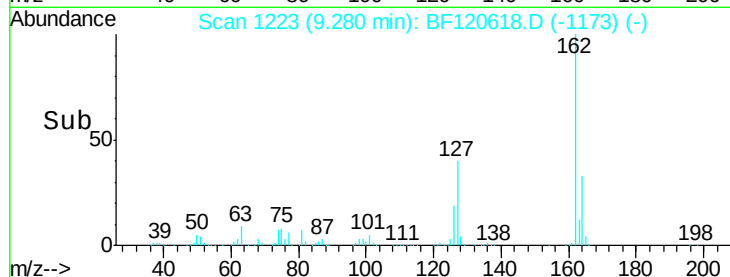
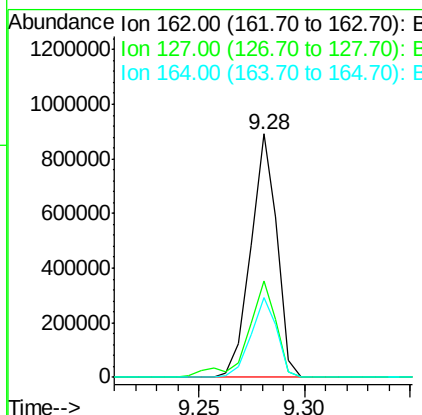
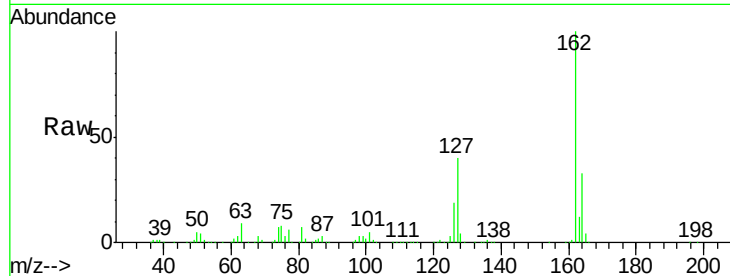
#47
 2-Chloronaphthalene
 Concen: 39.485 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	31.3	46.9	
164	32.9	26.9	40.3	

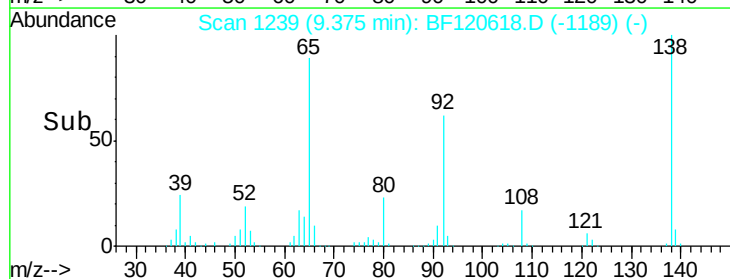
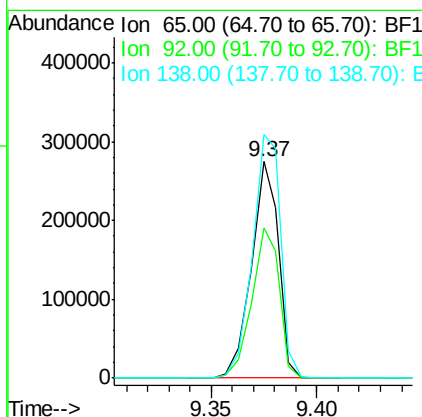
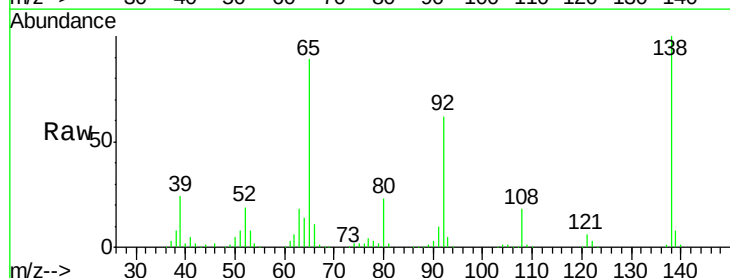
Manual Integrations
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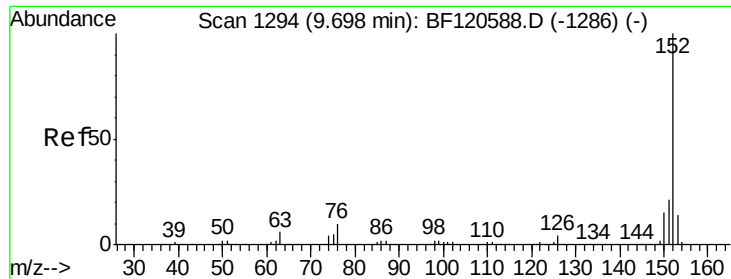
mohammad
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#48
 2-Nitroaniline
 Concen: 40.236 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.4	56.0	84.0	
138	112.4	94.0	141.0	





#49

Acenaphthylene

Concen: 39.901 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1191920

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

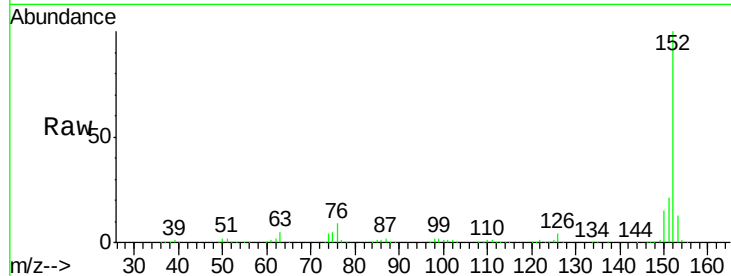
153 13.1 11.0 16.6

Manual Integrations

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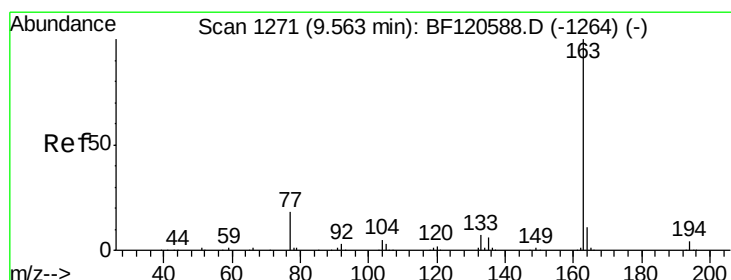
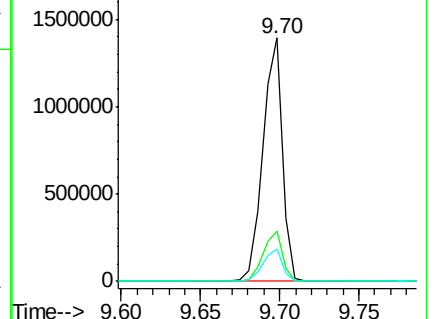
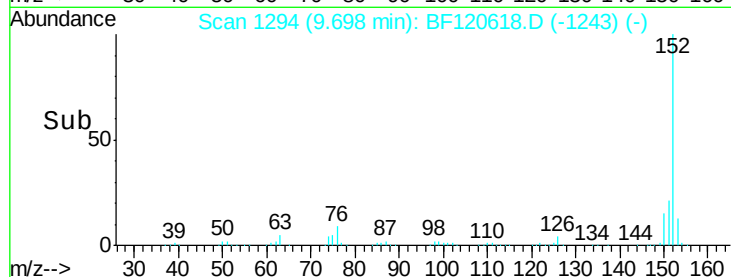
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.023 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

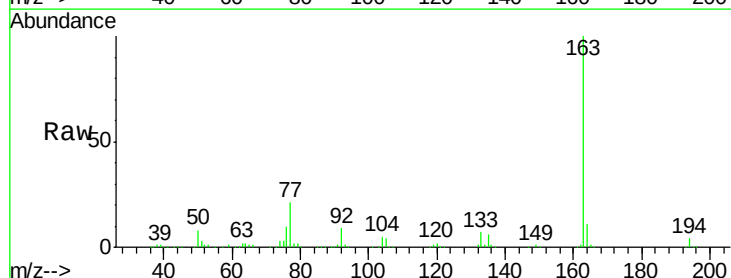
Tgt Ion:163 Resp: 890878

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

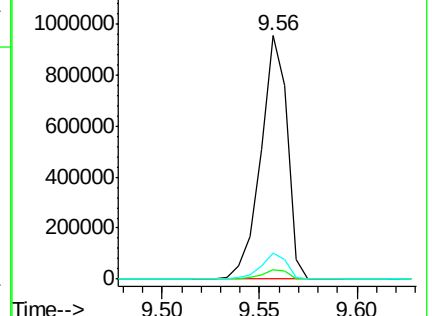
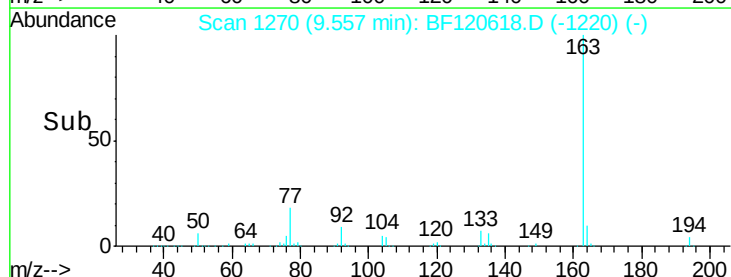
164 10.5 8.5 12.7

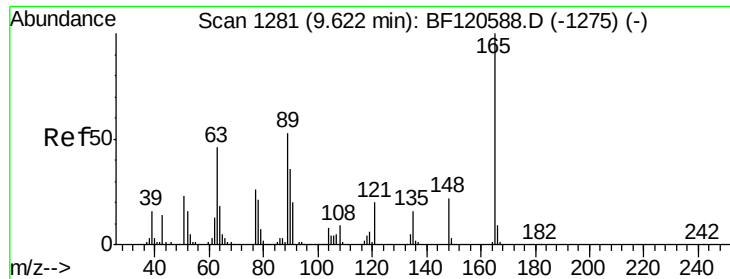


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





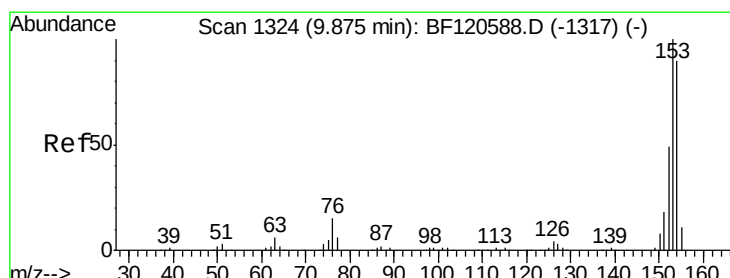
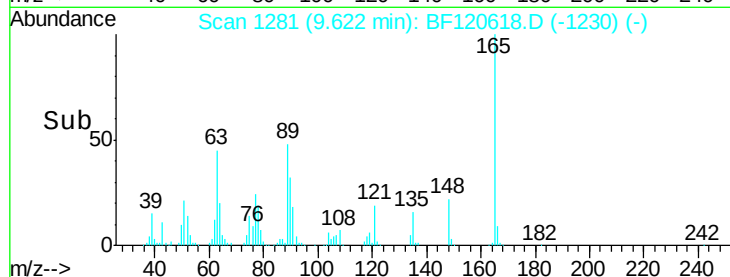
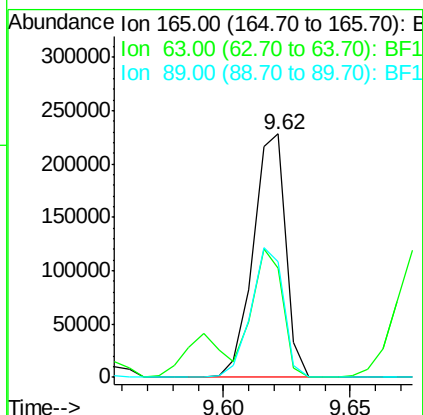
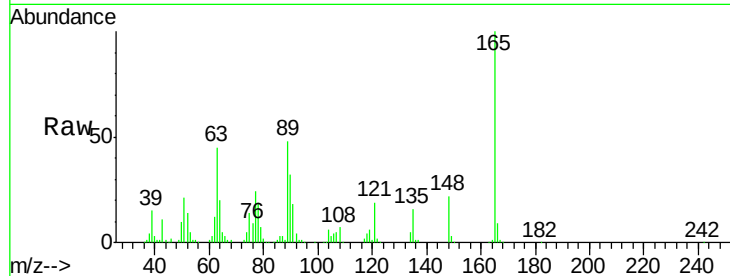
#51
 2,6-Dinitrotoluene
 Concen: 39.486 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	204296		
63	44.8		41.7	62.5
89	47.7		42.6	64.0

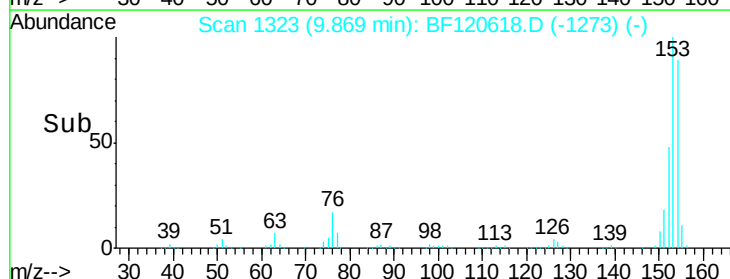
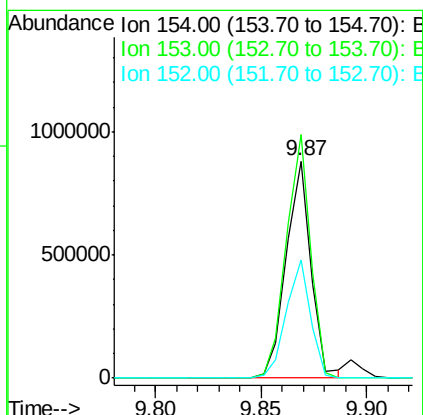
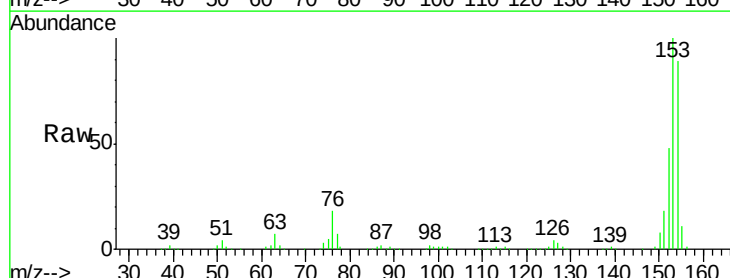
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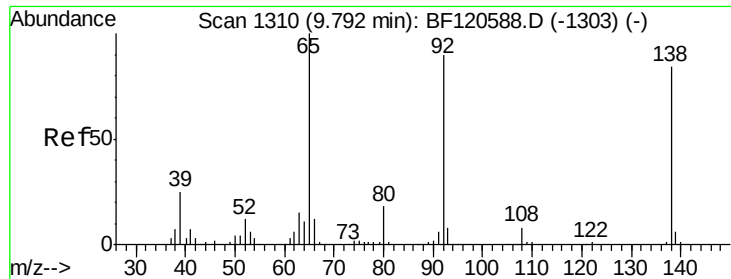
mohammad
 6/16/2020 11:06:34 AM



#52
 Acenaphthene
 Concen: 40.624 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	723749		
153	112.3		89.1	133.7
152	54.5		43.7	65.5





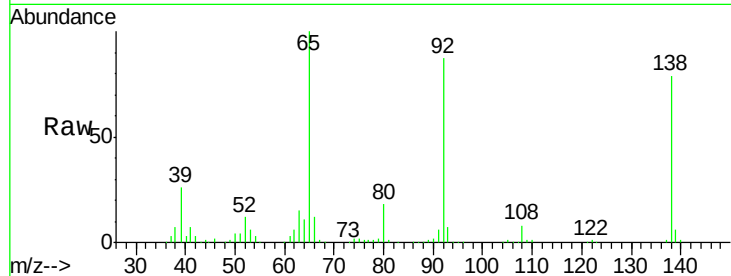
#53
3-Nitroaniline
Concen: 39.014 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

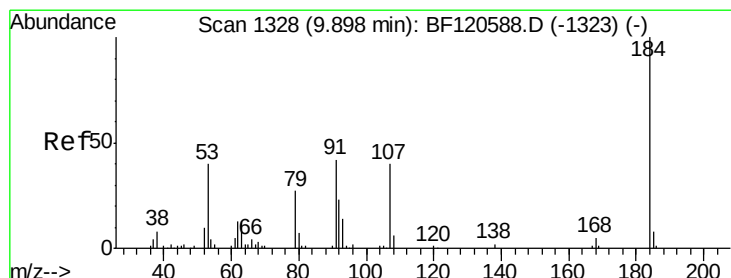
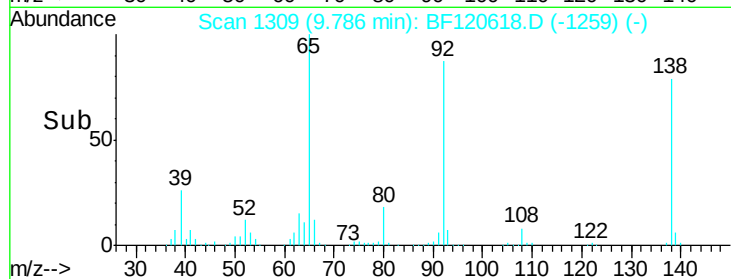
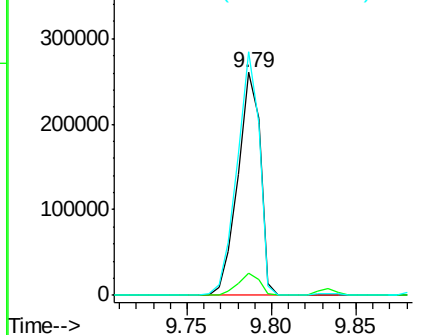
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	109.2	86.0	129.0

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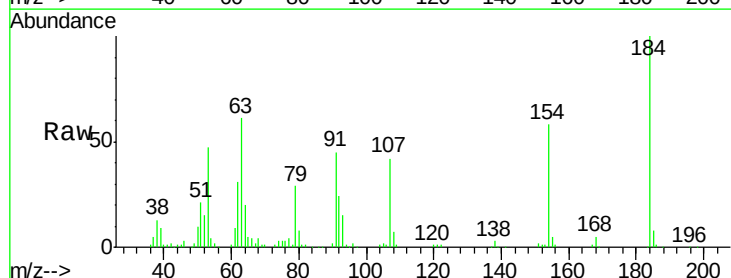


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

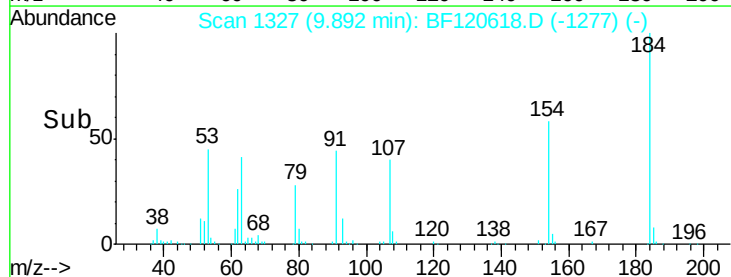
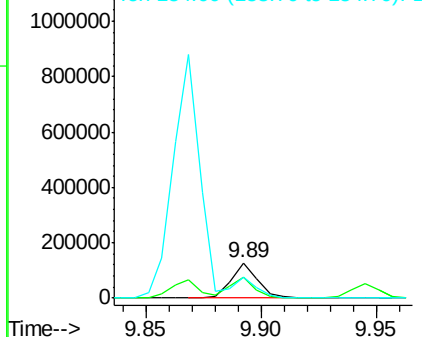


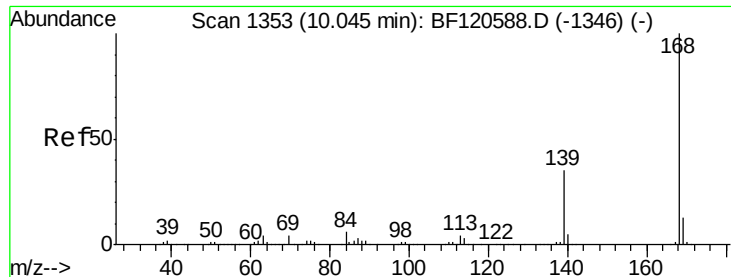
#54
2,4-Dinitrophenol
Concen: 35.581 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	44.2	66.2
154	58.1	45.9	68.9



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





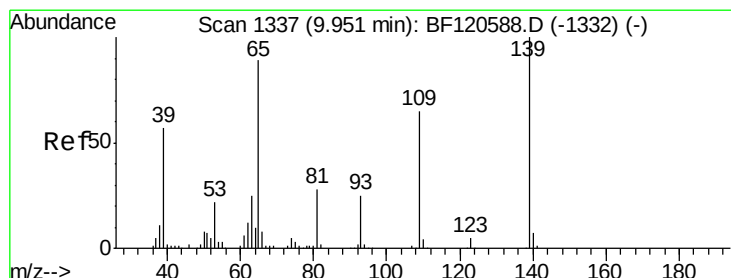
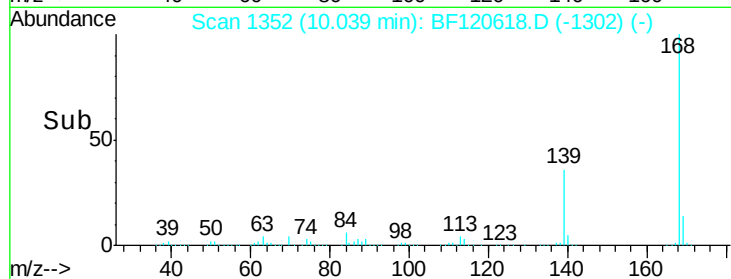
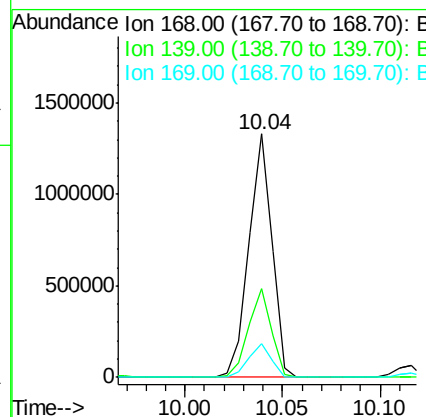
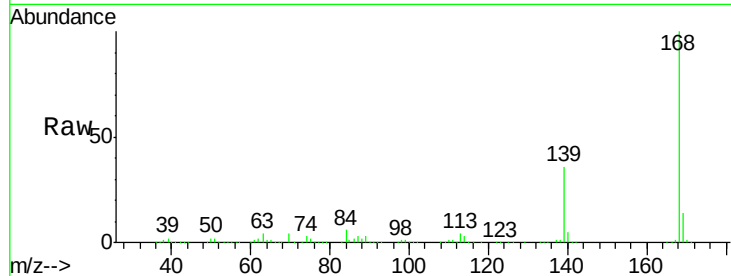
#55
Dibenzenofuran
Concen: 39.917 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1090421
Ion Ratio Lower Upper
168 100
139 36.2 28.1 42.1
169 13.7 10.6 16.0

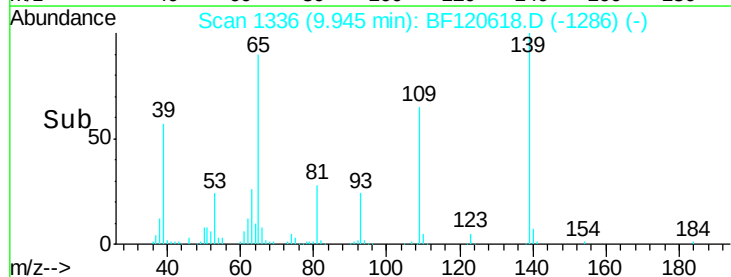
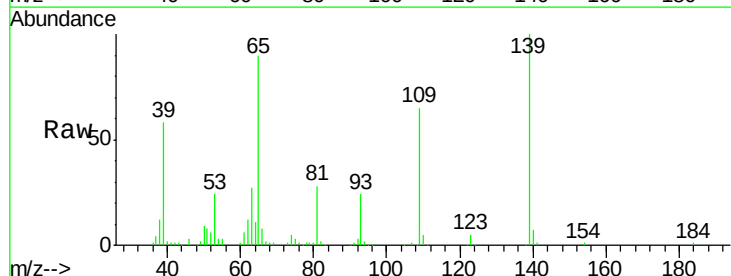
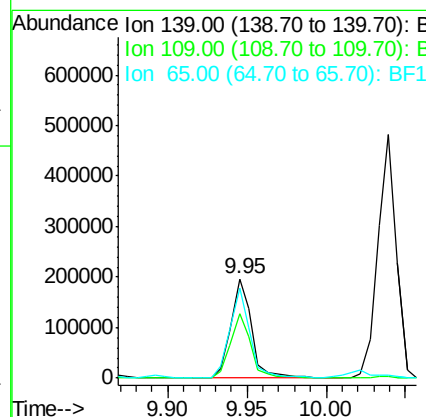
Manual Integrations
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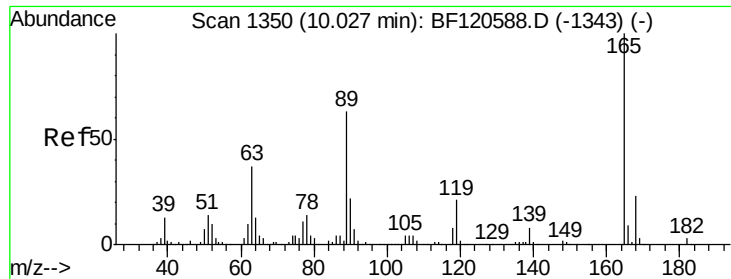
mohammad
6/16/2020 11:06:34 AM



#56
4-Nitrophenol
Concen: 38.194 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion:139 Resp: 178760
Ion Ratio Lower Upper
139 100
109 64.6 44.6 84.6
65 90.2 69.2 109.2





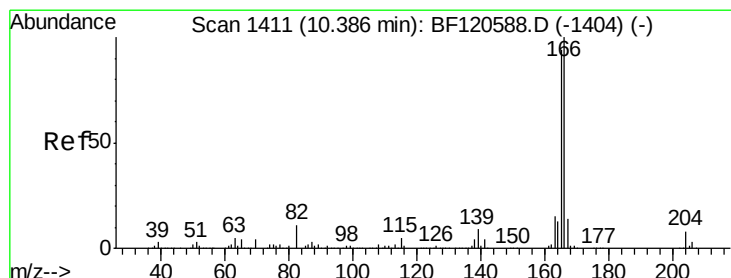
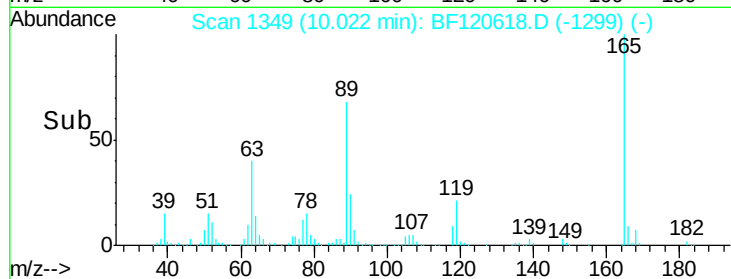
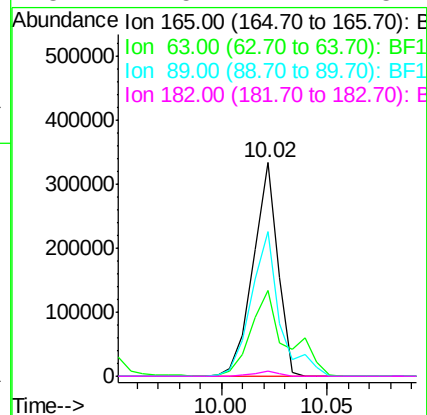
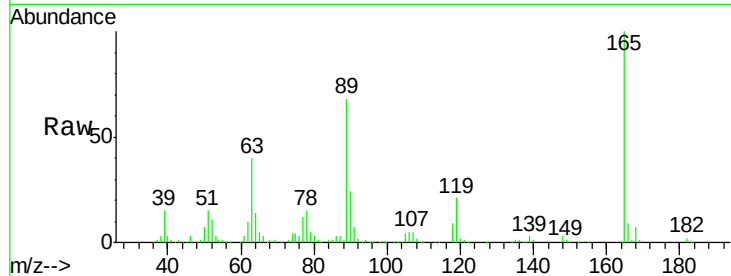
#57
2,4-Dinitrotoluene
Concen: 39.584 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		271761		
63	40.1		29.8	44.8	
89	67.5		50.4	75.6	
182	2.5		2.1	3.1	

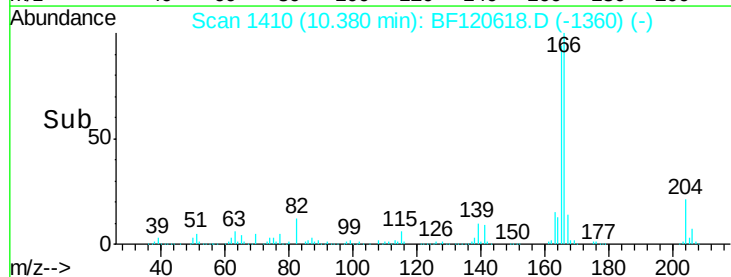
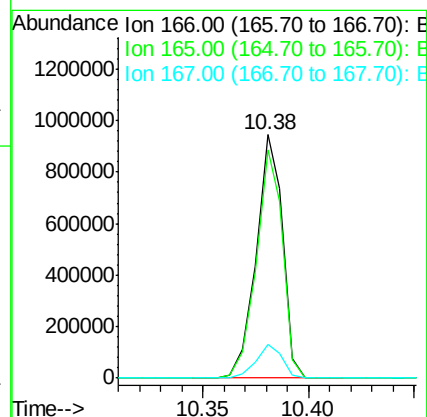
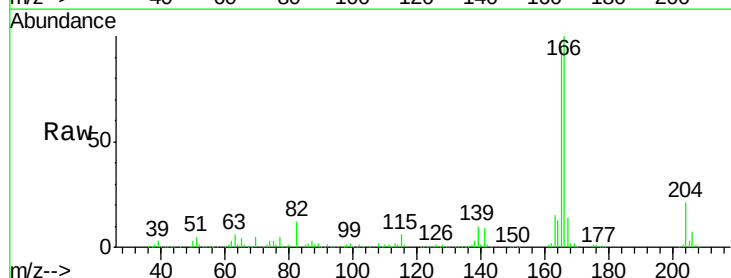
Manual Integrations
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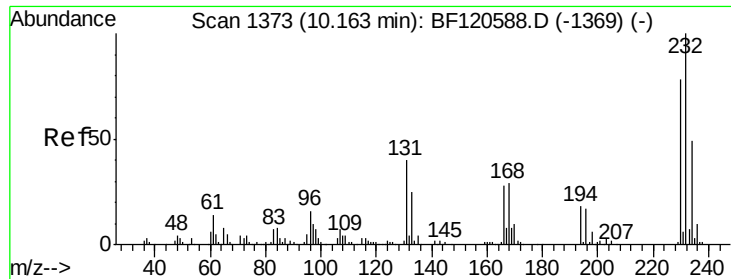
mohammad
6/16/2020 11:06:34 AM



#58
Fluorene
Concen: 38.911 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		819420		
165	93.7		75.0	112.6	
167	14.1		11.0	16.4	





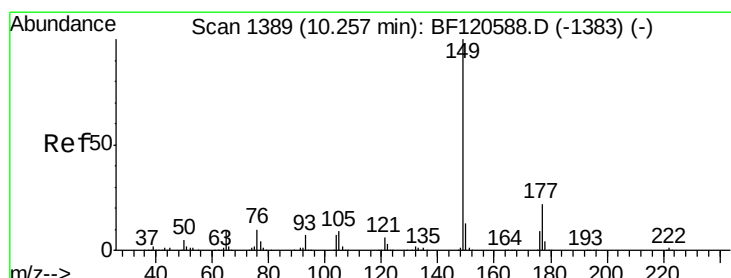
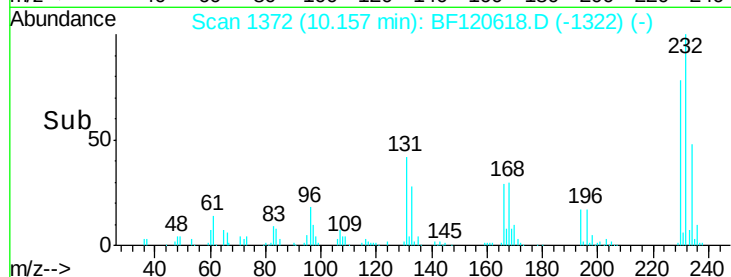
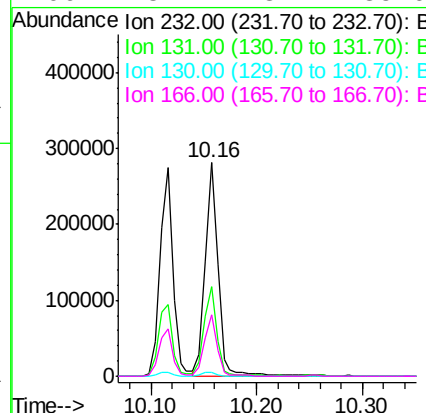
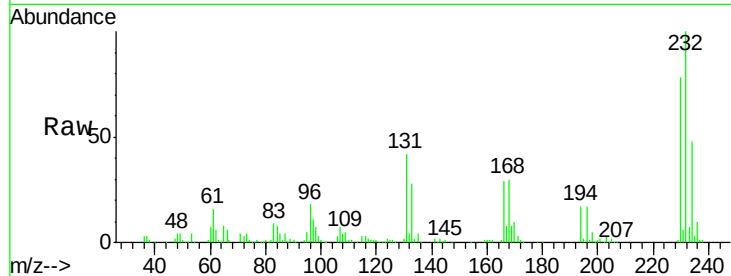
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.298 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		235503		
131	42.0	33.5	50.3		
130	2.0	1.5	2.3		
166	28.7	23.4	35.0		

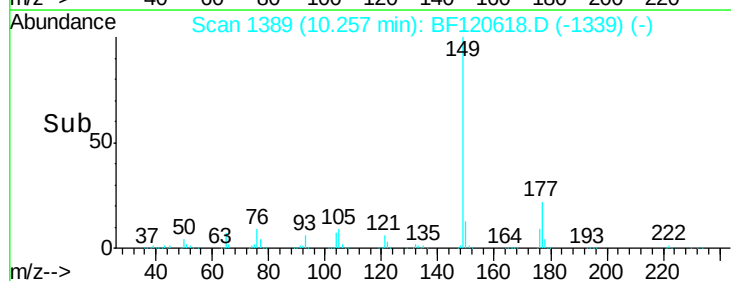
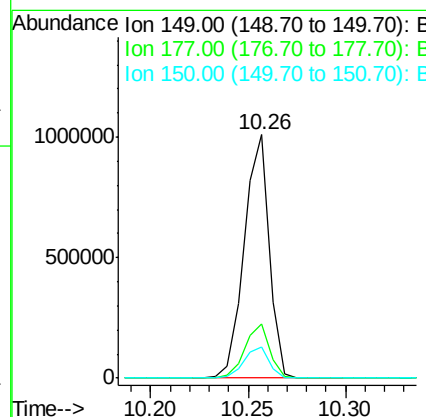
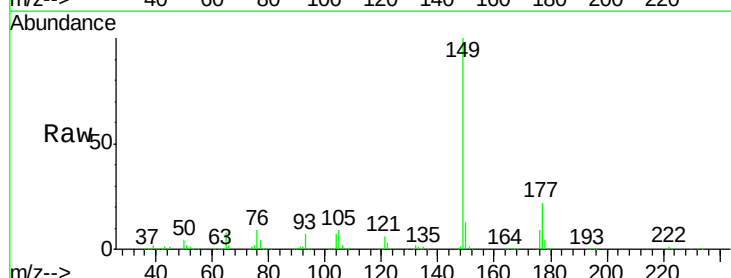
Manual Integrations
APPROVED

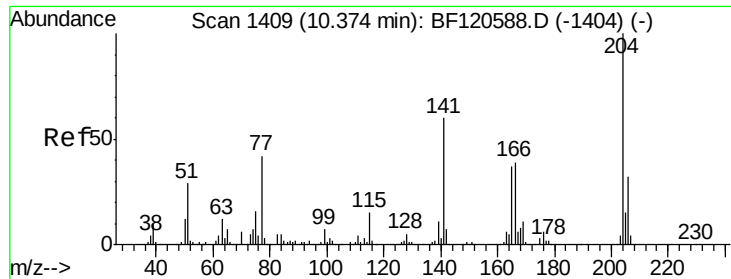
mohammad
6/16/2020 11:06:34 AM



#60
Diethylphthalate
Concen: 39.716 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		892990		
177	22.4	17.3	25.9		
150	12.6	10.3	15.5		





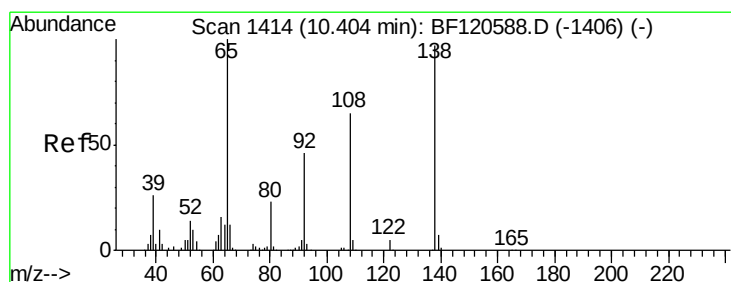
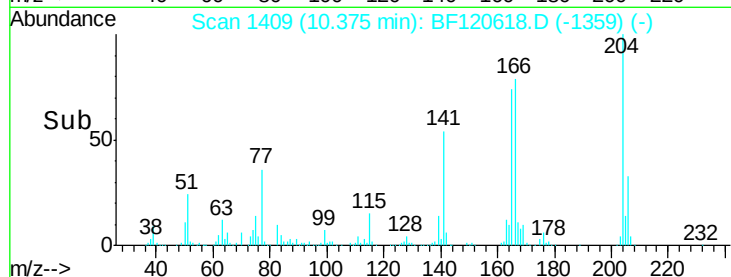
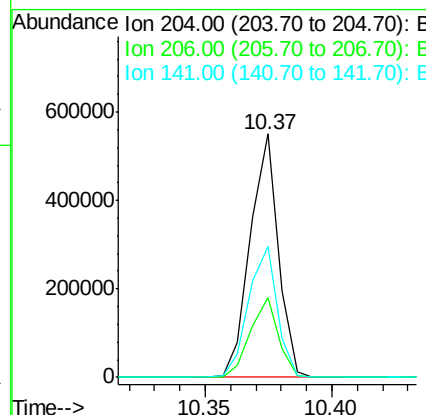
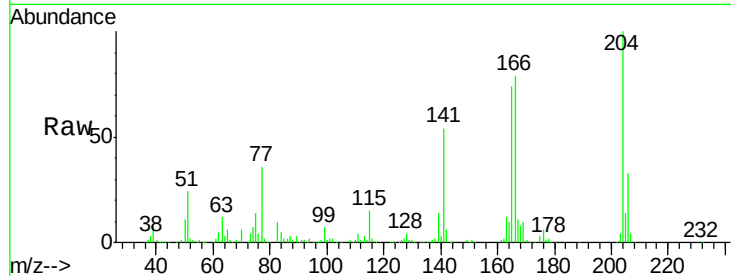
#61
 4-Chlorophenyl-phenylether
 Concen: 39.116 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	425382
Ion Ratio		Lower	Upper
204	100		
206	32.5	25.9	38.9
141	53.8	47.6	71.4

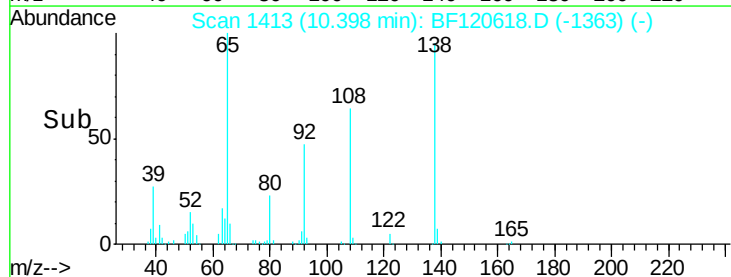
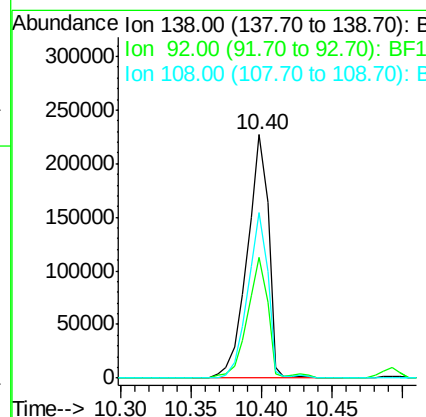
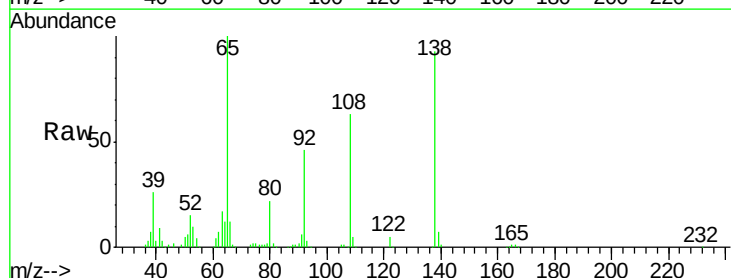
Manual Integrations
 APPROVED

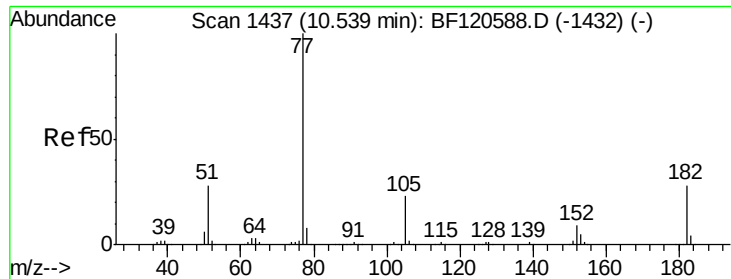
mohammad
 6/16/2020 11:06:34 AM



#62
 4-Nitroaniline
 Concen: 39.012 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion:	138	Resp:	240679
Ion Ratio		Lower	Upper
138	100		
92	49.5	27.3	67.3
108	68.2	47.4	87.4





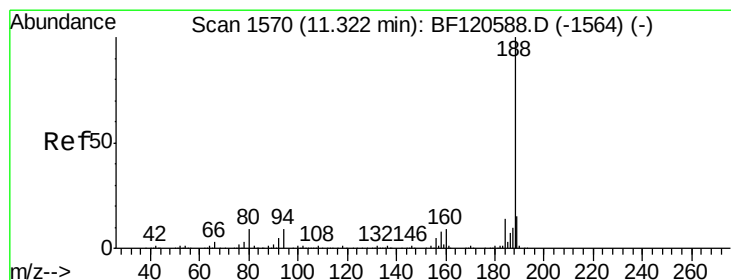
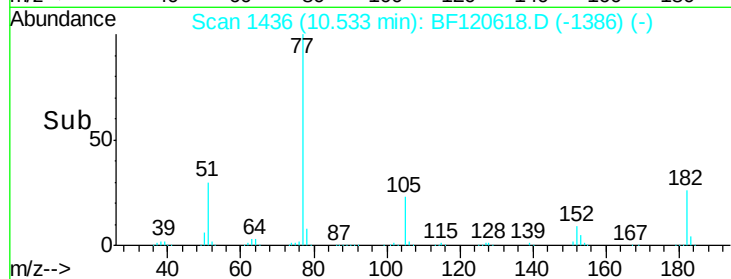
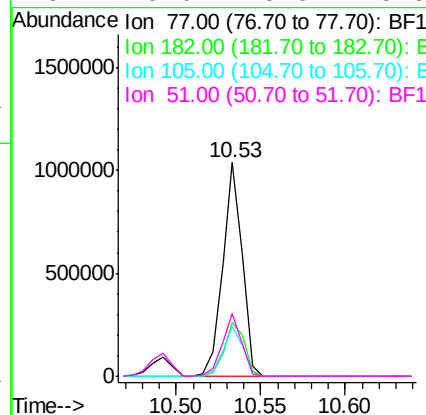
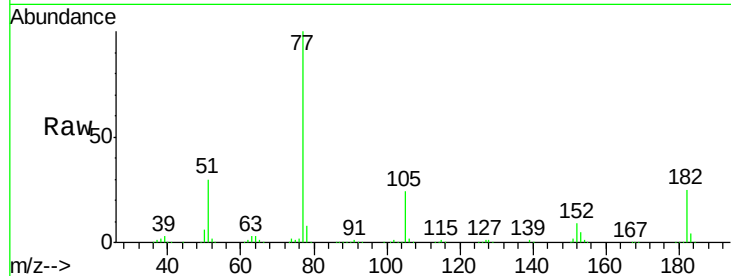
#63
Azobenzene
Concen: 40.805 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.5	7.7	47.7	
105	23.5	3.2	43.2	
51	29.6	8.5	48.5	

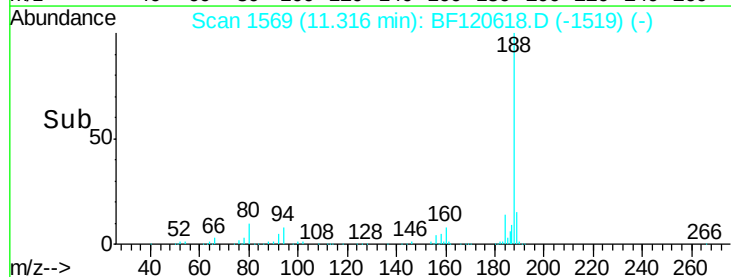
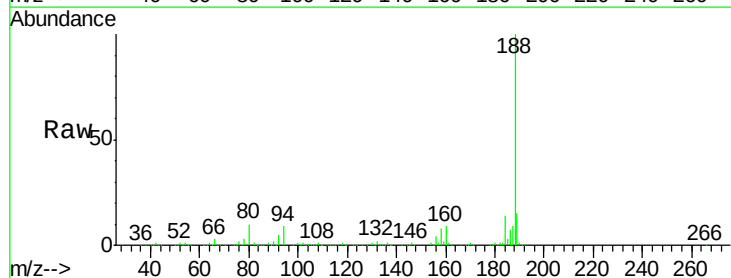
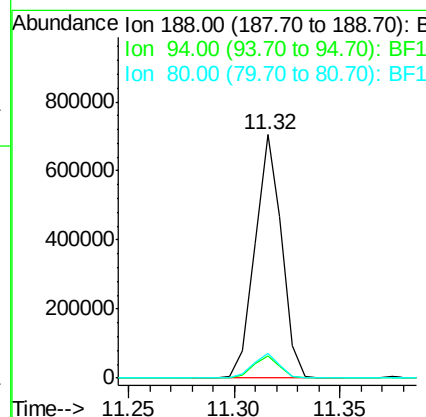
Manual Integrations
APPROVED

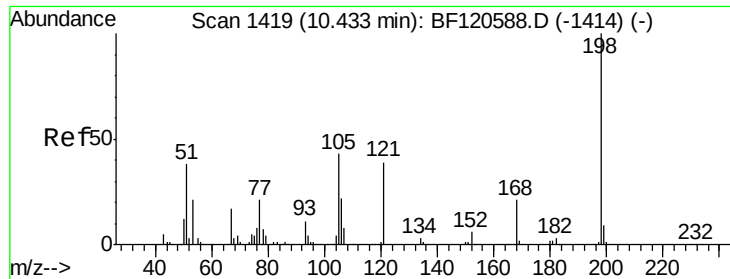
mohammad
6/16/2020 11:06:34 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.2	10.8	
80	10.0	7.4	11.2	





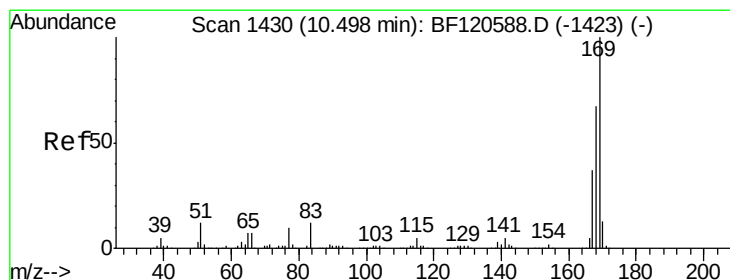
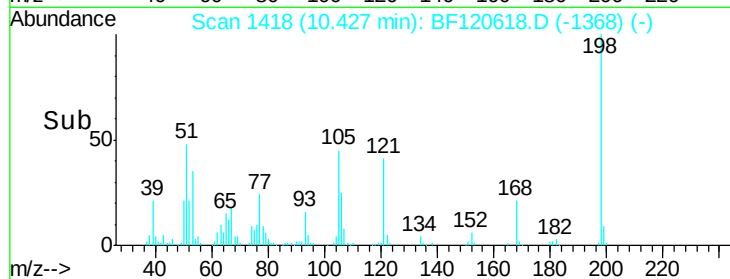
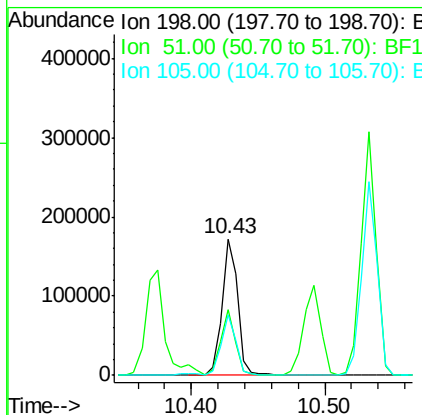
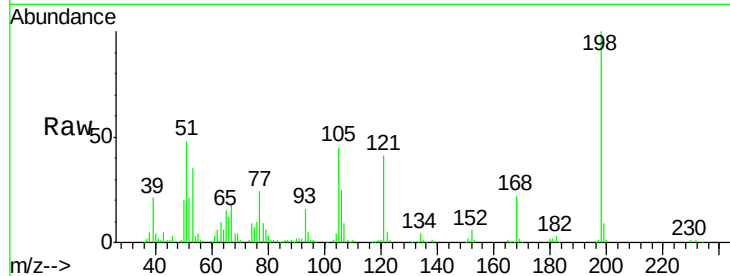
#65
4,6-Dinitro-2-methylphenol
Concen: 38.691 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.9	24.8	64.8
105	44.9	23.9	63.9

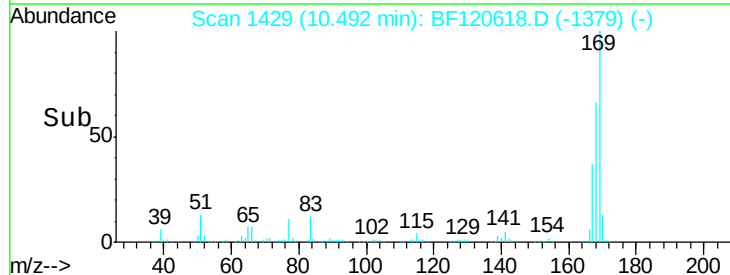
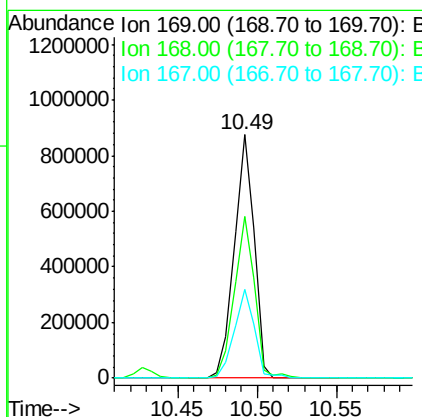
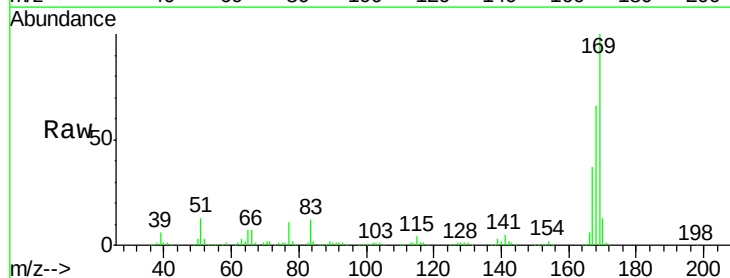
Manual Integrations
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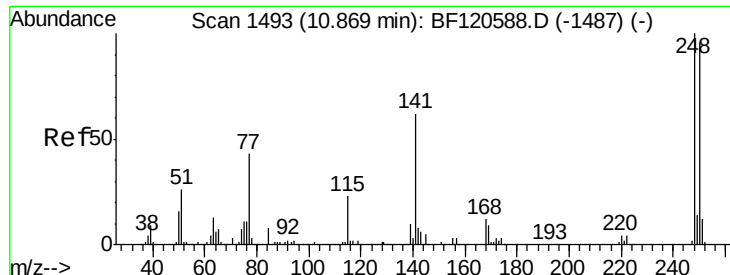
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.273 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.7	80.5
167	36.7	29.9	44.9





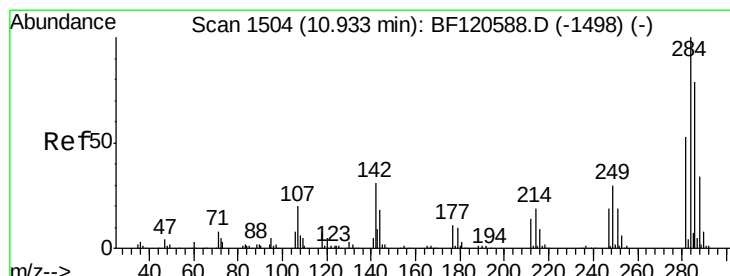
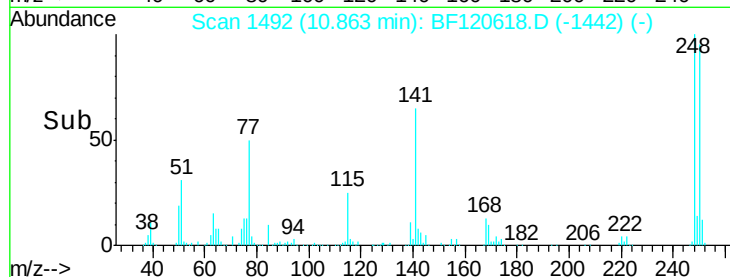
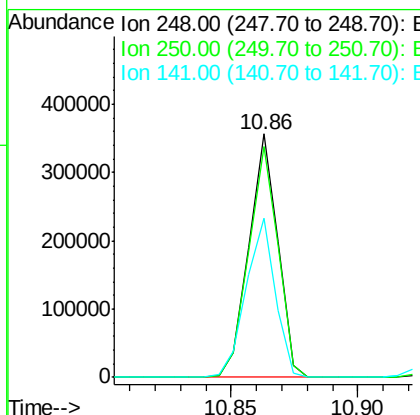
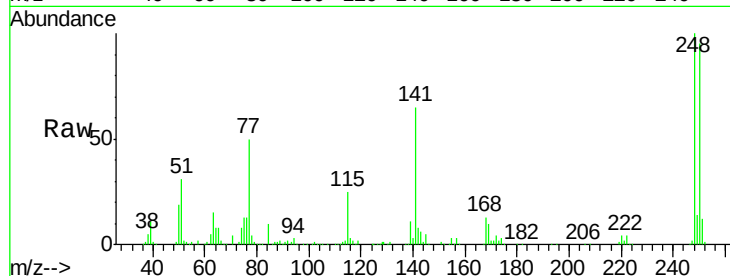
#67
 4-Bromophenyl-phenylether
 Concen: 40.405 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.7	115.1
141	65.5	49.4	74.0

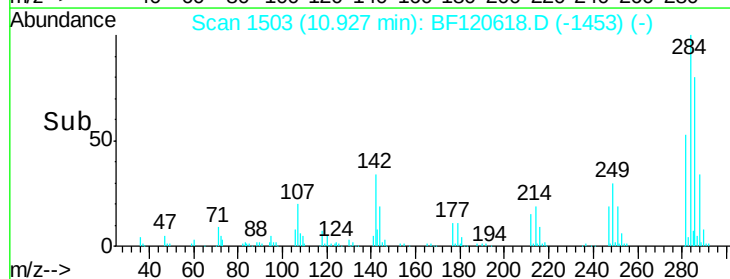
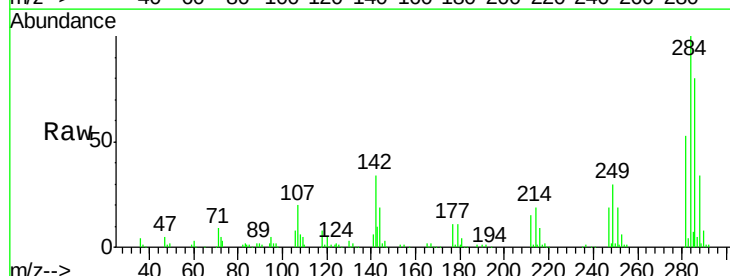
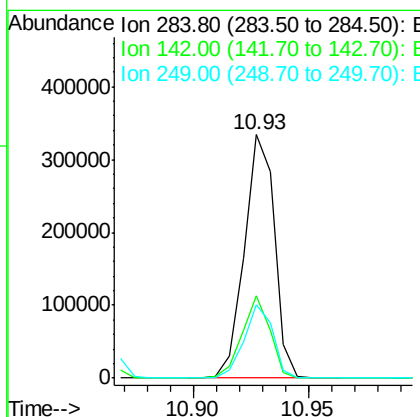
Manual Integrations
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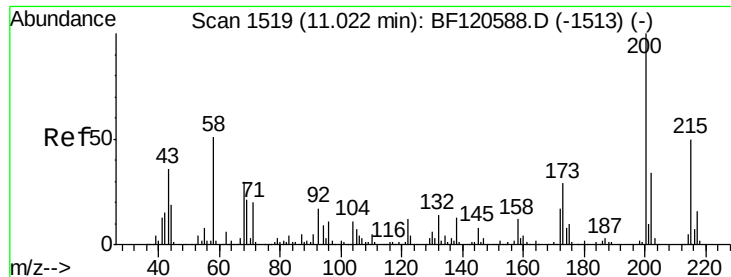
mohammad
 6/16/2020 11:06:34 AM



#68
 Hexachlorobenzene
 Concen: 40.417 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	25.1	37.7
249	30.1	24.0	36.0





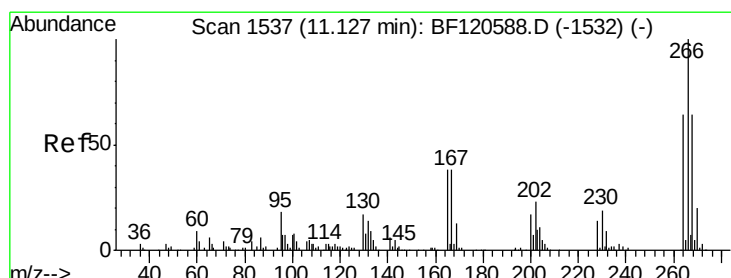
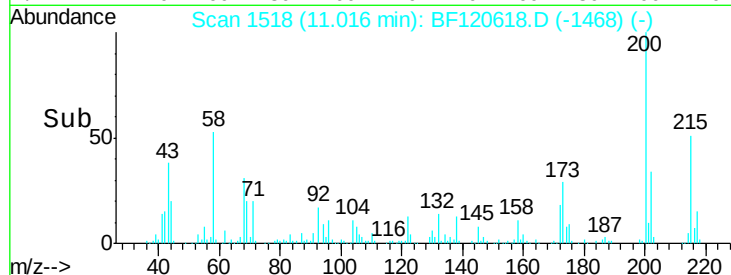
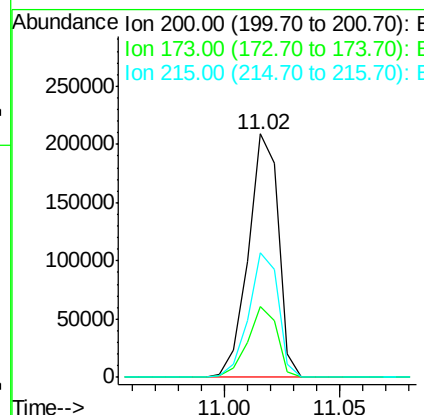
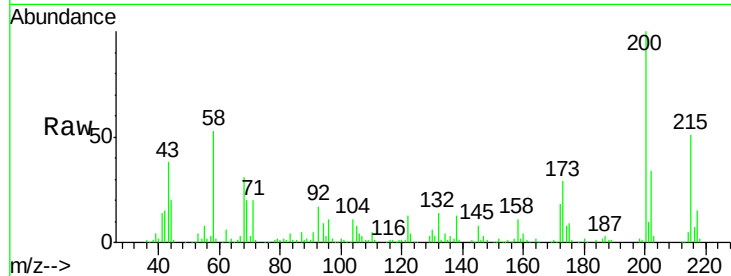
#69
 Atrazine
 Concen: 32.403 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.1	49.1
215	51.0	29.8	69.8

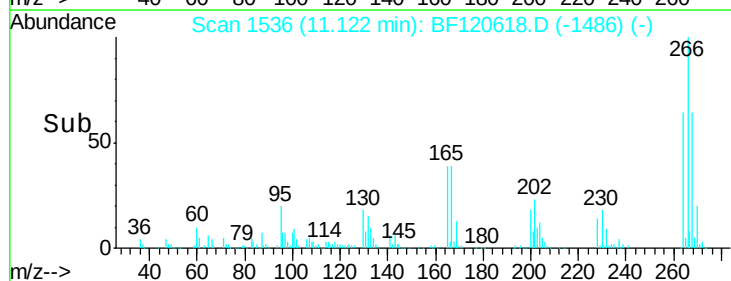
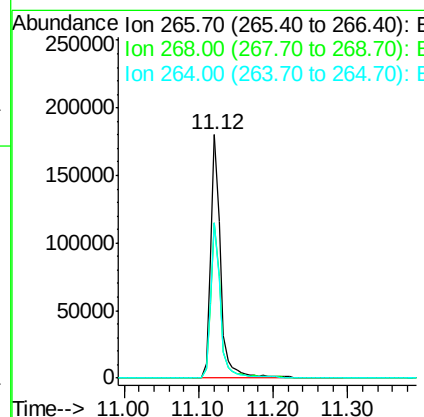
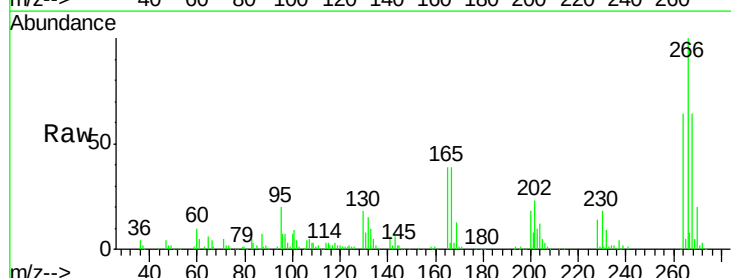
Manual Integrations
 APPROVED

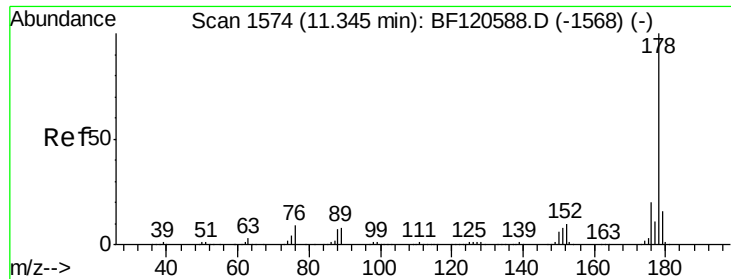
mohammad
 6/16/2020 11:06:34 AM



#70
 Pentachlorophenol
 Concen: 40.493 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	63.9	50.8	76.2





#71

Phenanthrene

Concen: 39.918 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1226936

Ion Ratio Lower Upper

178 100

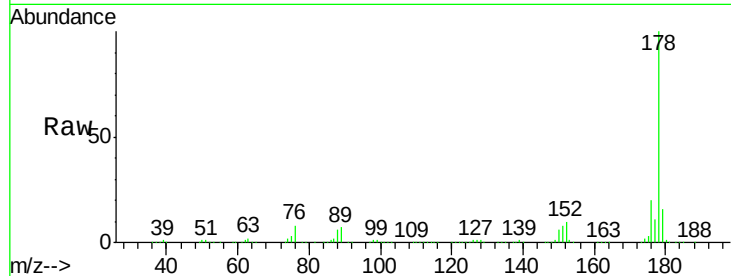
176 19.8 15.9 23.9

179 15.5 12.8 19.2

Manual Integrations
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mohammad

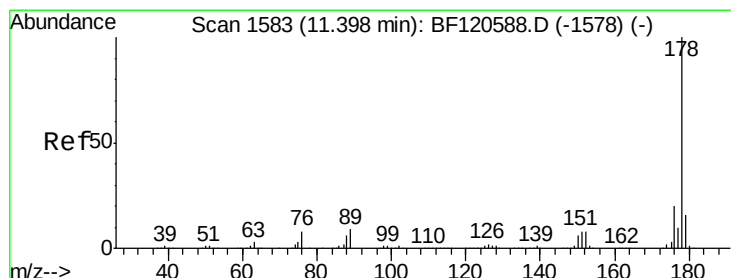
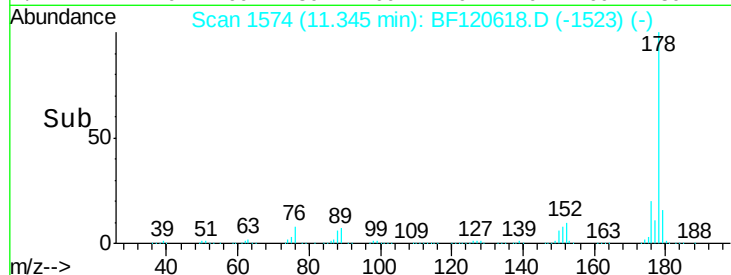
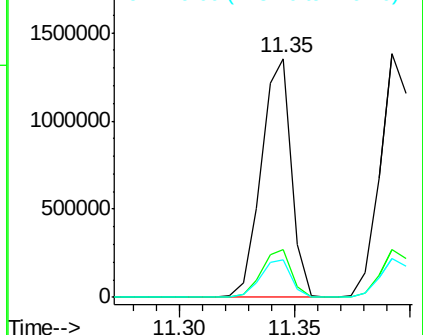
6/16/2020 11:06:34 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.131 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Tgt Ion:178 Resp: 1243332

Ion Ratio Lower Upper

178 100

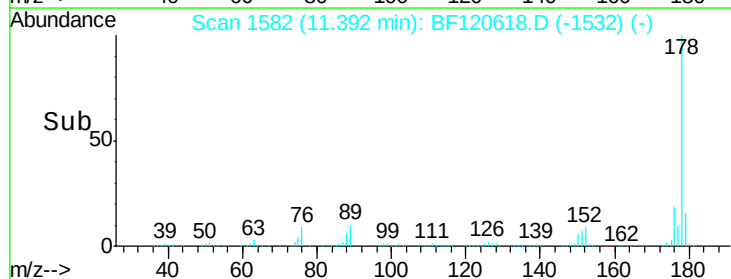
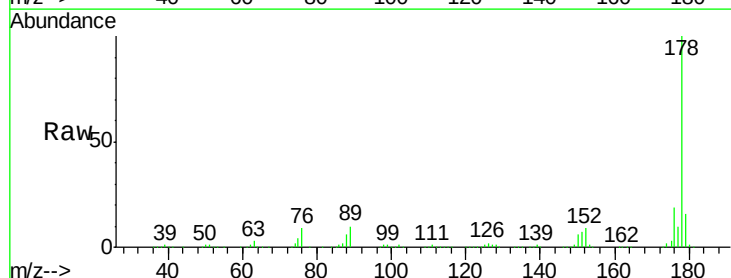
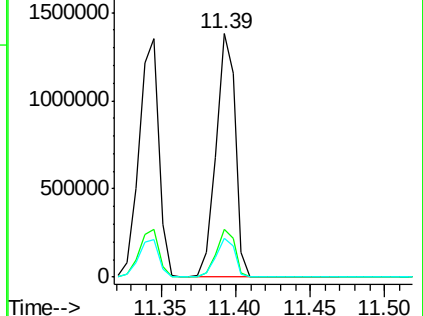
176 19.5 15.6 23.4

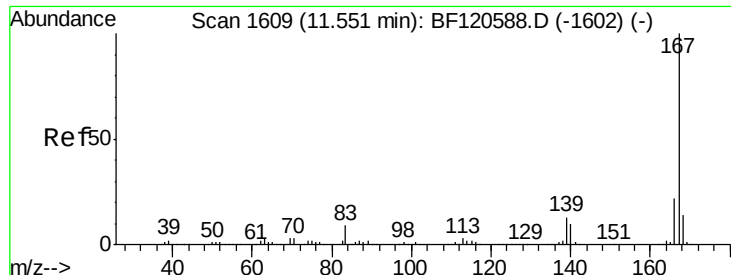
179 15.9 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





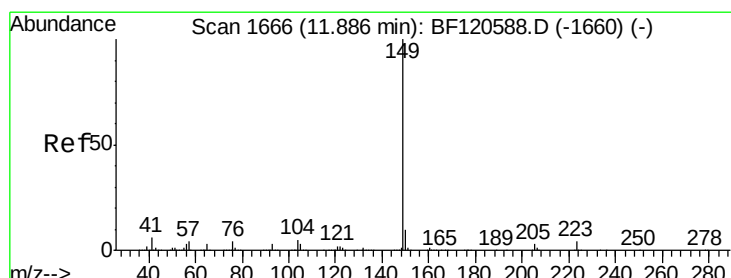
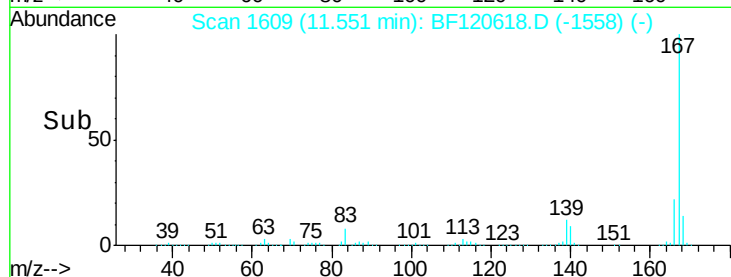
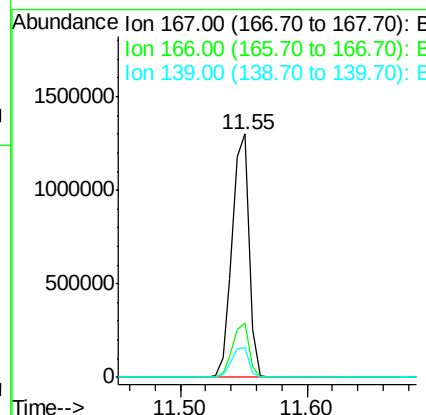
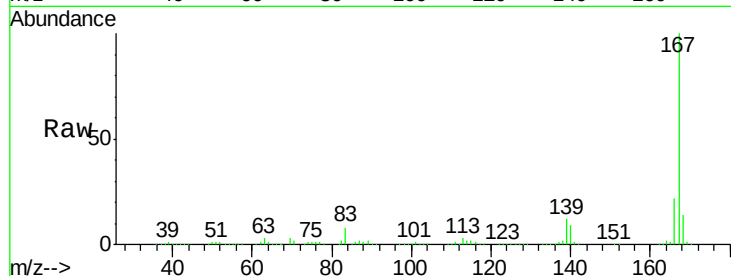
#73
 Carbazole
 Concen: 39.083 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	12.1	10.1	15.1

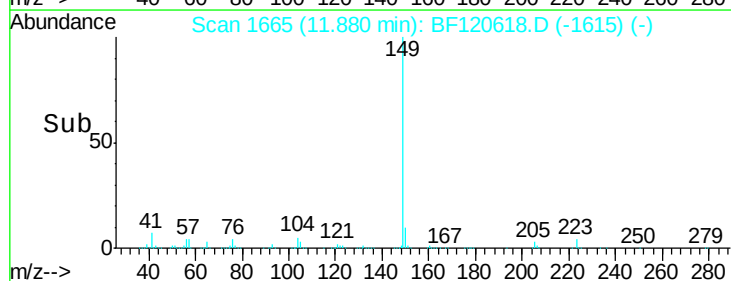
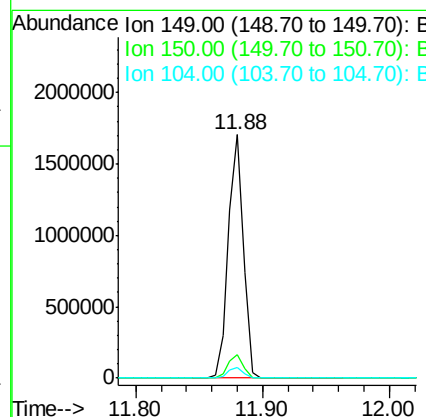
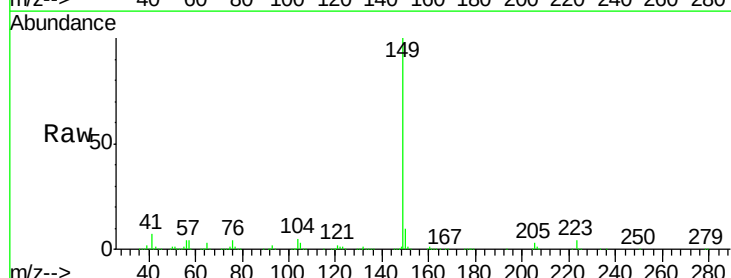
Manual Integrations
 APPROVED

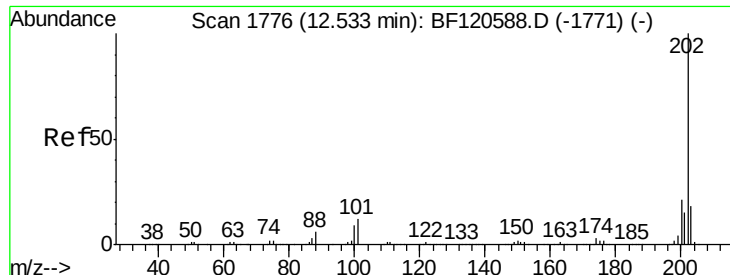
mohammad
 6/16/2020 11:06:34 AM



#74
 Di-n-butylphthalate
 Concen: 40.868 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.6	3.7	5.5





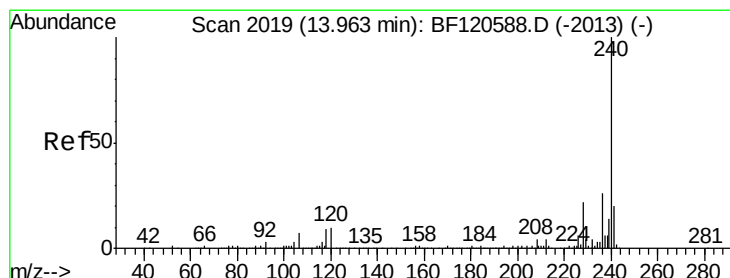
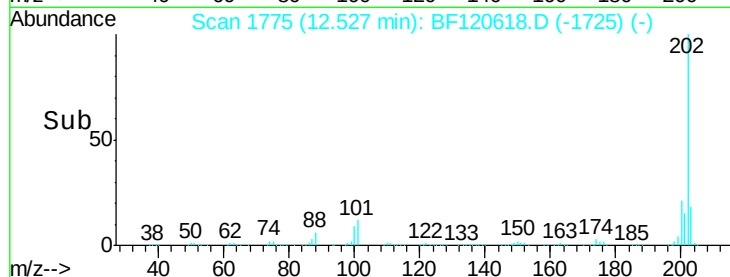
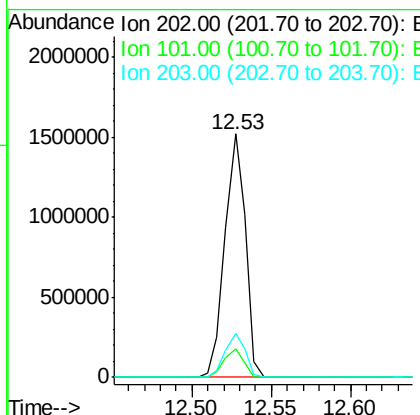
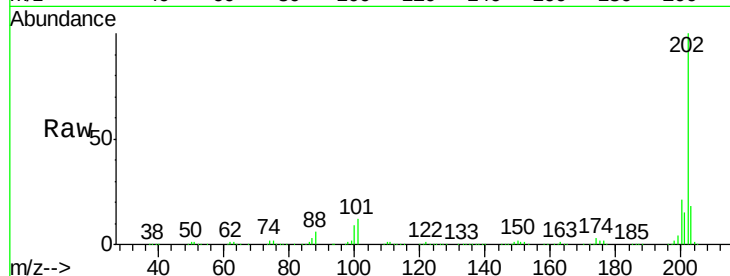
#75
 Fluoranthene
 Concen: 38.781 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.0
203	18.2	0.0	38.3

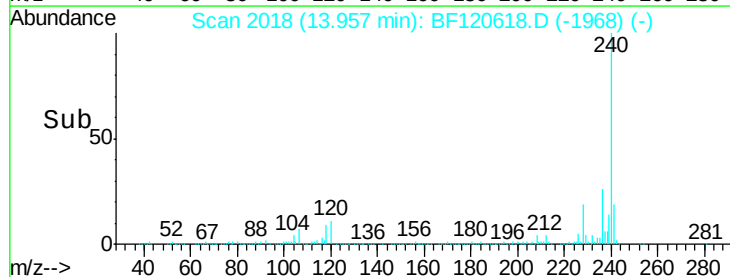
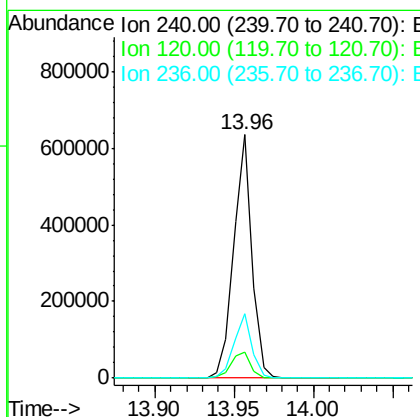
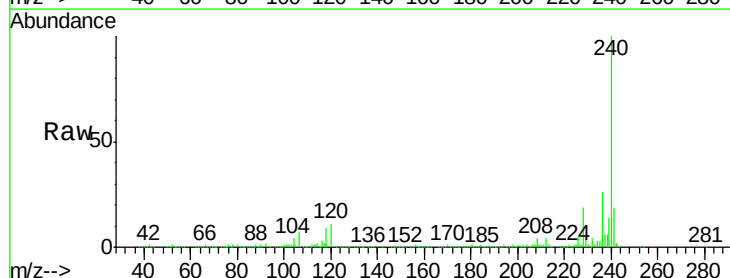
Manual Integrations
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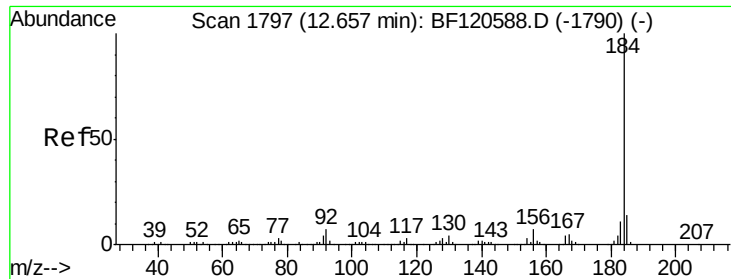
mohammad
 6/16/2020 11:06:34 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	26.5	21.0	31.4





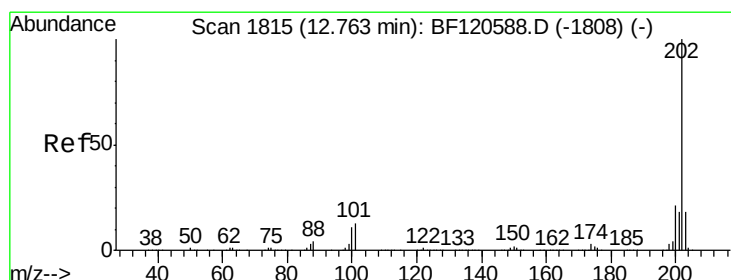
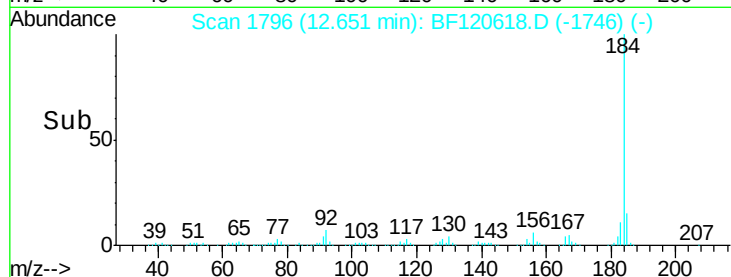
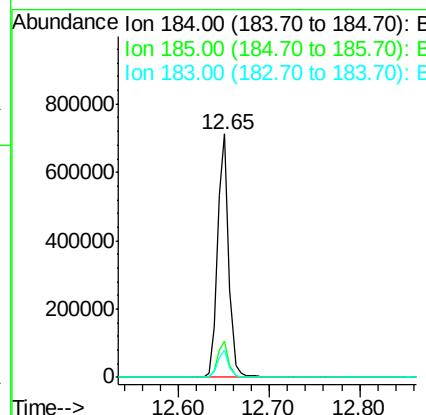
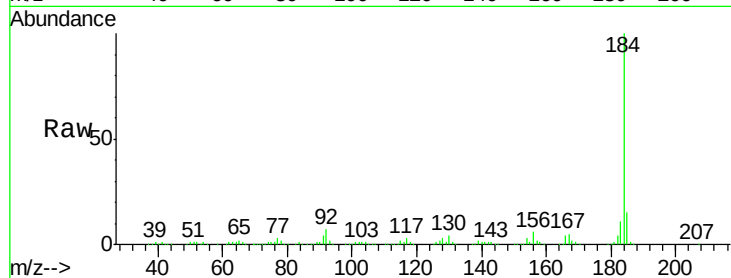
#77
Benzidine
Concen: 36.124 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.4	17.0
183	11.3	9.0	13.6

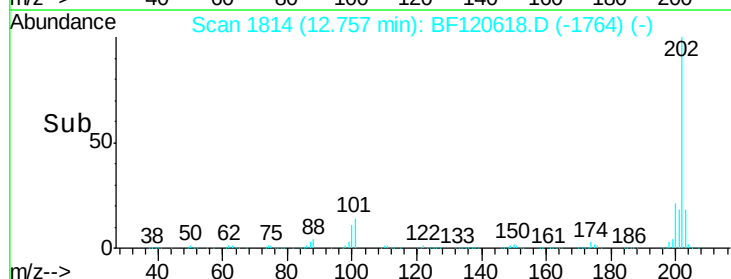
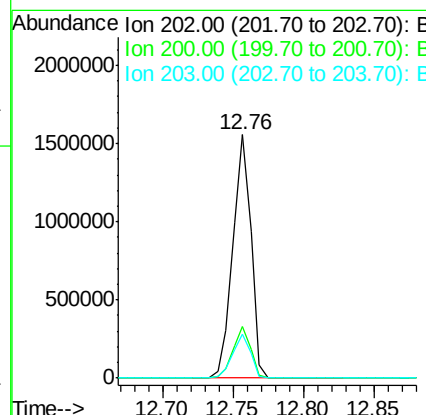
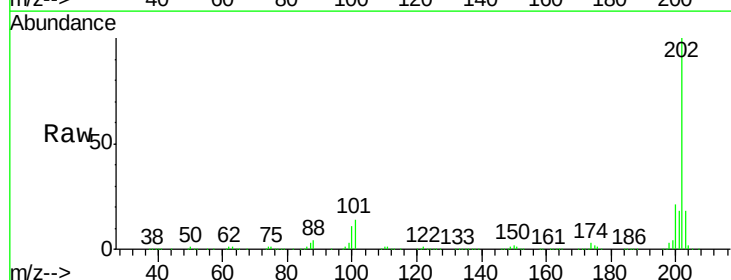
Manual Integrations
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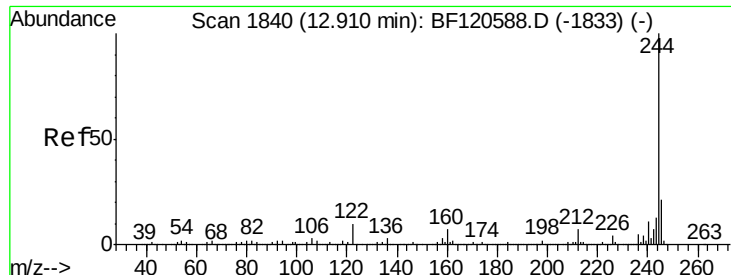
mohammad
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#78
Pyrene
Concen: 38.812 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	18.3	14.3	21.5





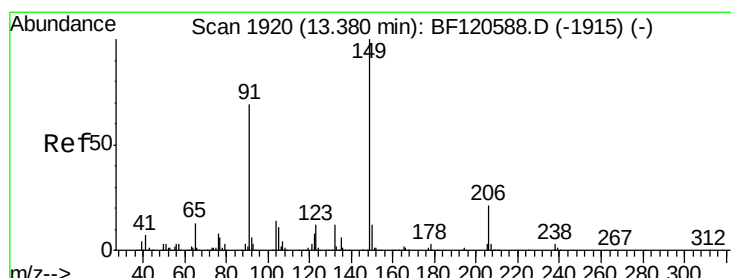
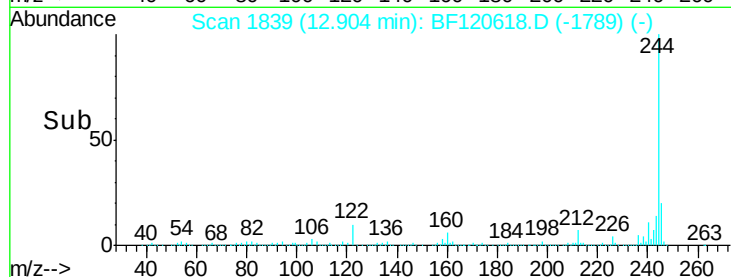
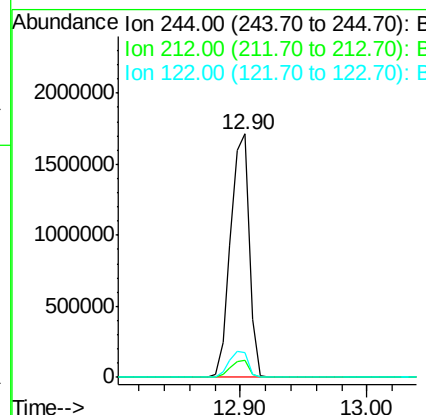
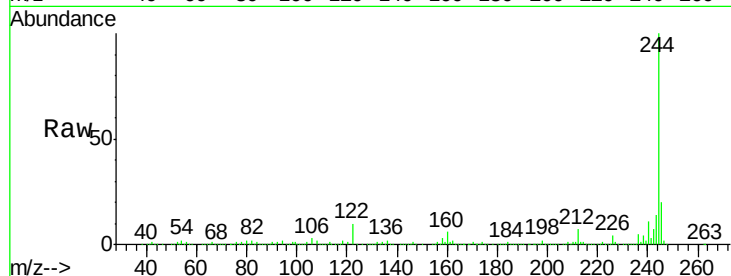
#79
 Terphenyl-d14
 Concen: 76.387 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.9	8.3	12.5

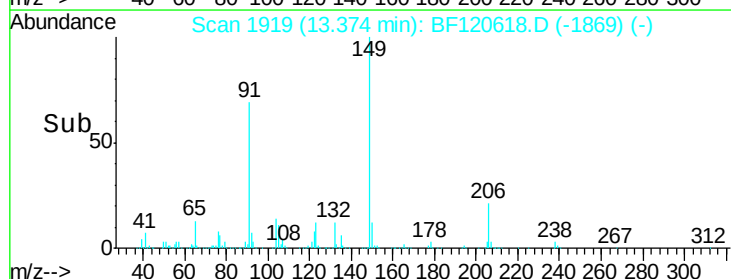
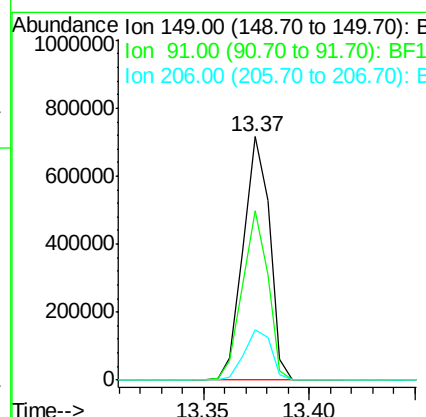
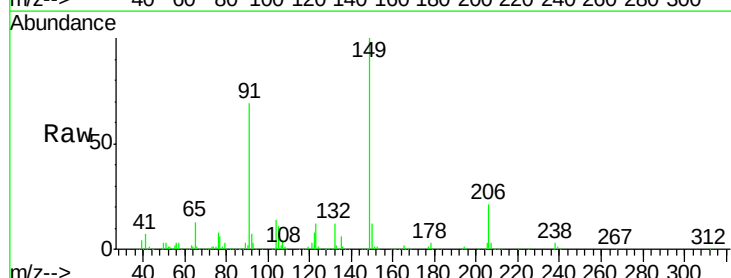
Manual Integrations
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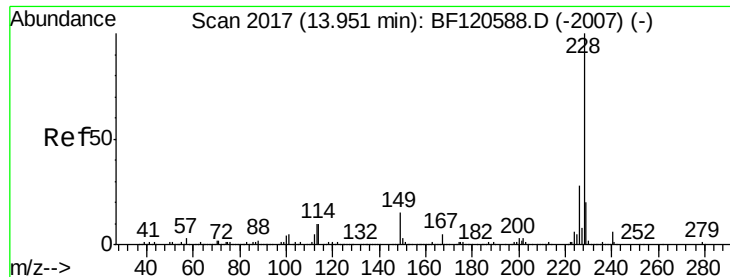
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.865 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	55.4	83.0
206	20.8	17.0	25.4





#81

Benzo(a)anthracene

Concen: 39.747 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1206432

Ion Ratio Lower Upper

228 100

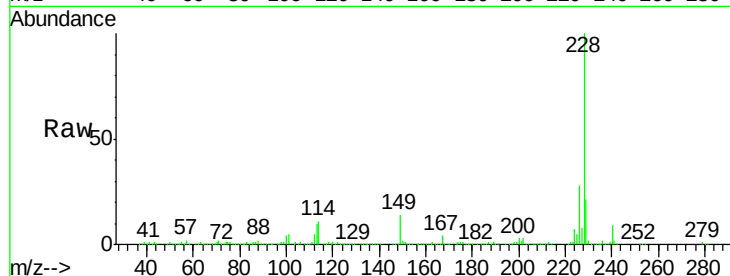
226 28.3 22.5 33.7

229 20.5 16.1 24.1

Manual Integrations
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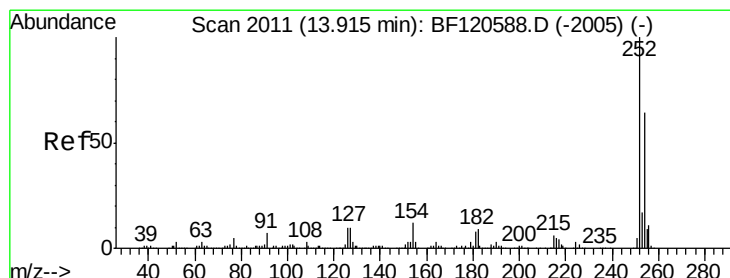
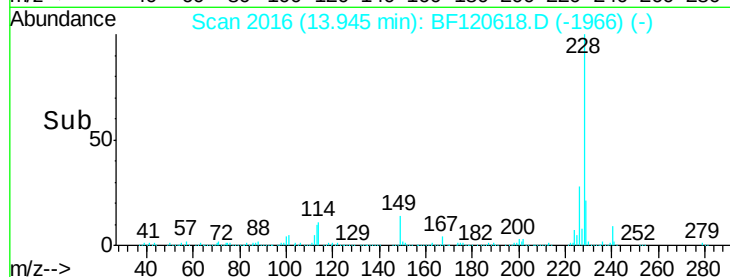
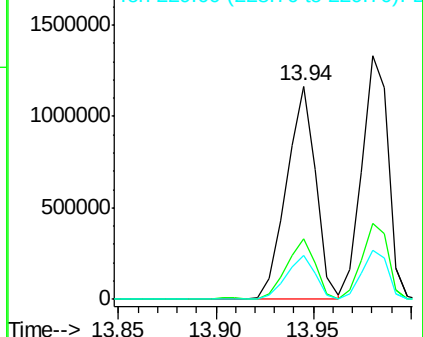
6/16/2020 11:06:34 AM



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: 39.827 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

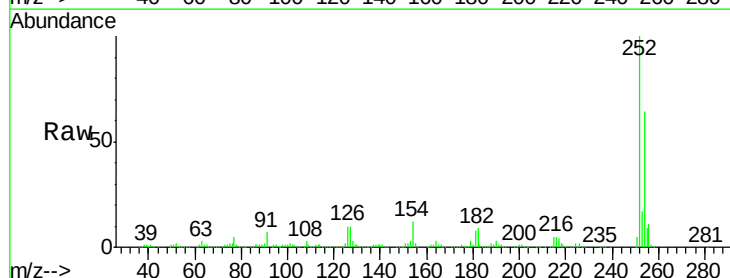
Tgt Ion:252 Resp: 461748

Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

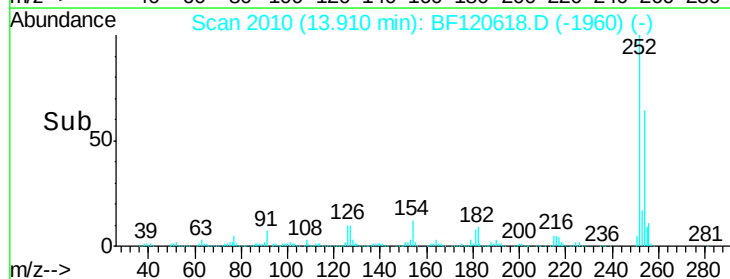
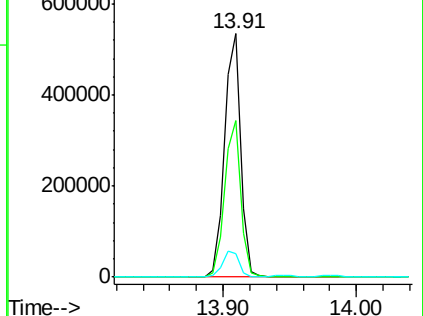
126 9.9 7.9 11.9

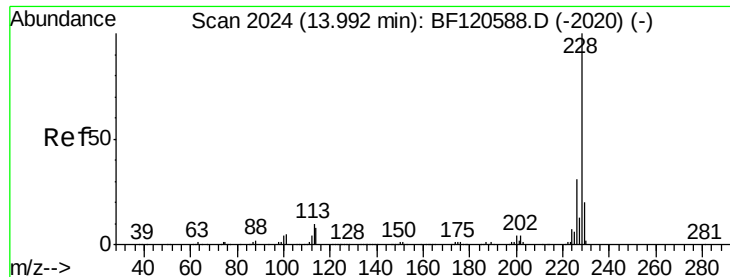


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





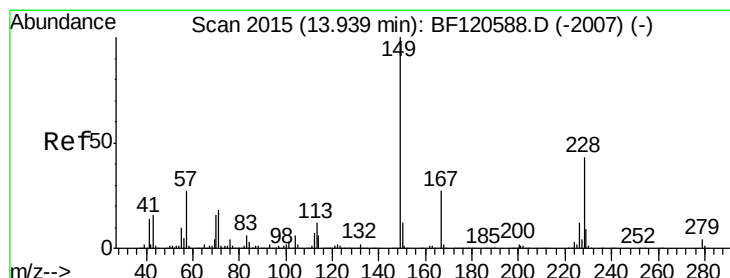
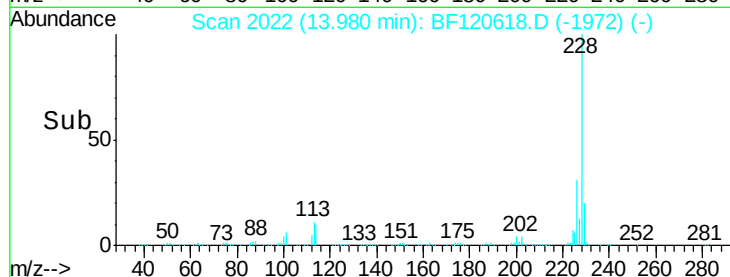
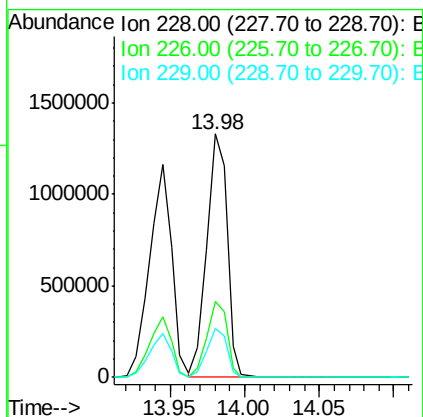
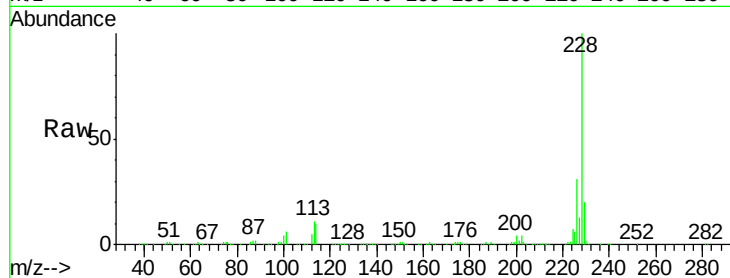
#83
 Chrysene
 Concen: 40.200 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	16.1	24.1

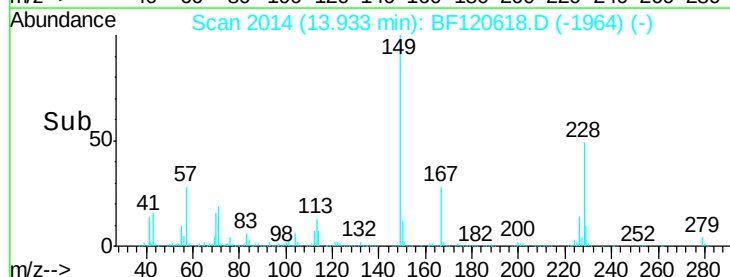
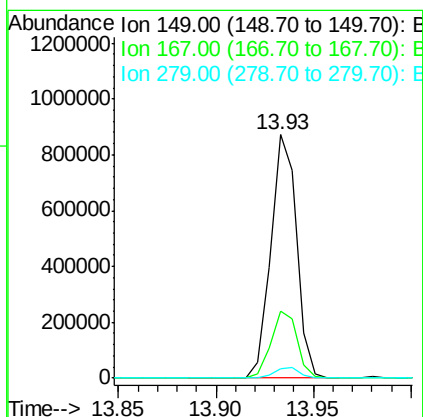
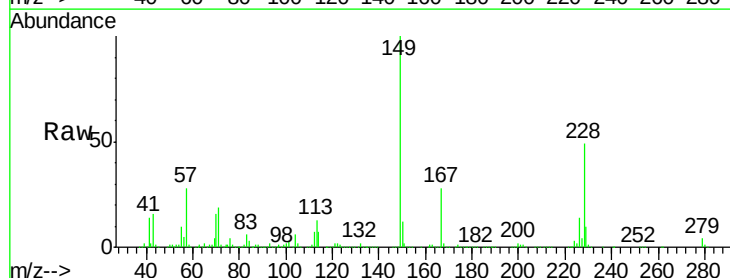
Manual Integrations
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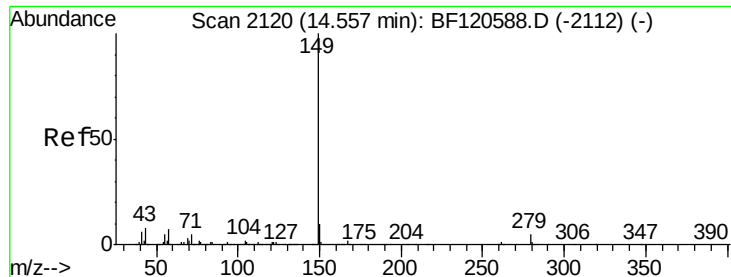
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.151 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.0	33.0
279	3.9	3.0	4.6





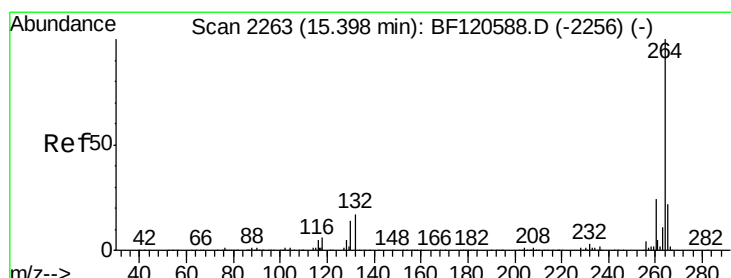
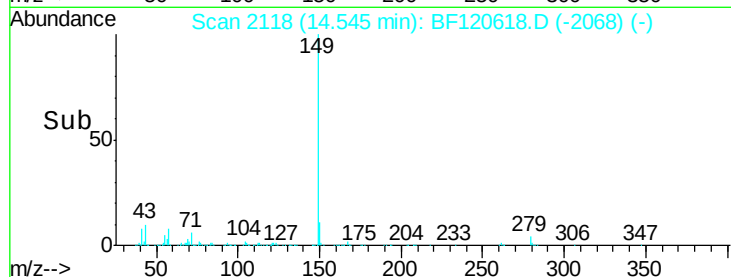
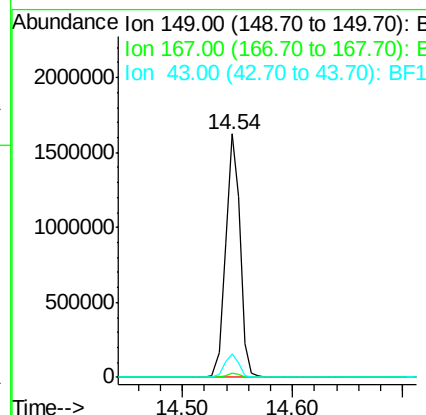
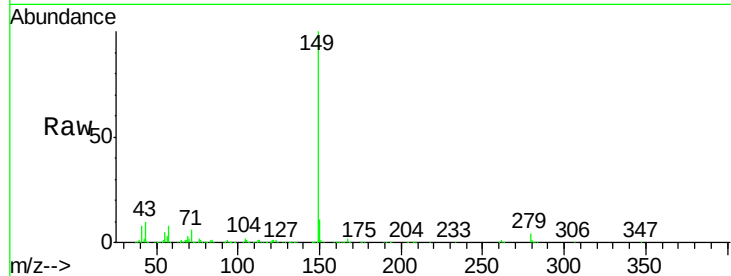
#85
Di-n-octyl phthalate
Concen: 39.915 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	9.8	7.6	11.4	

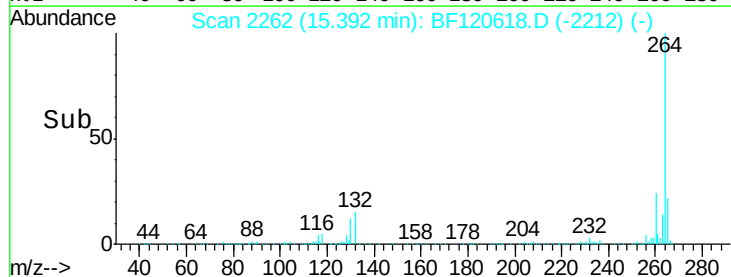
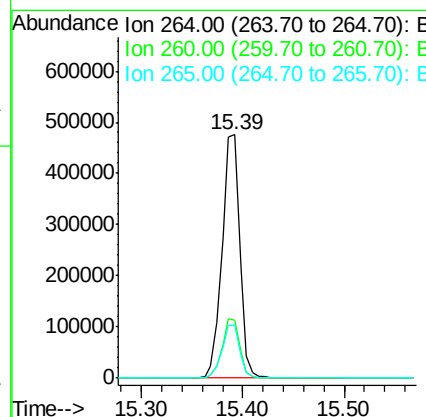
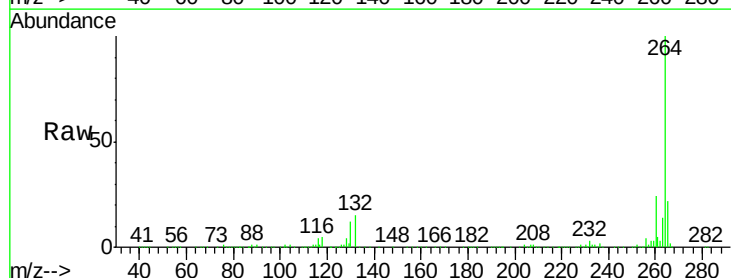
Manual Integrations
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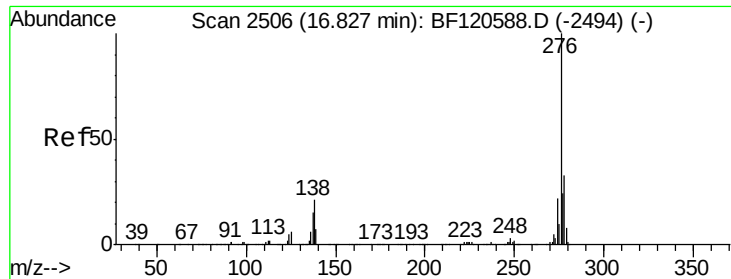
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	19.3	28.9	
265	21.5	17.8	26.8	





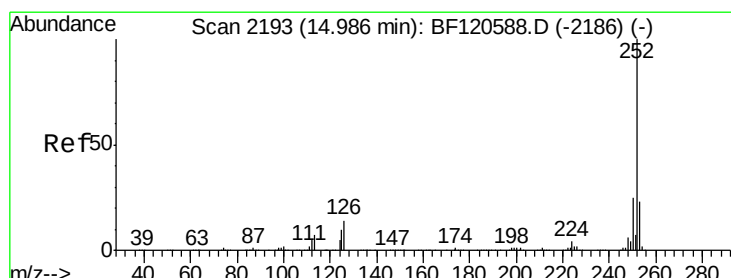
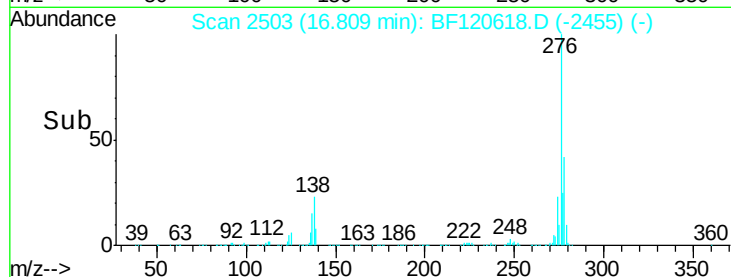
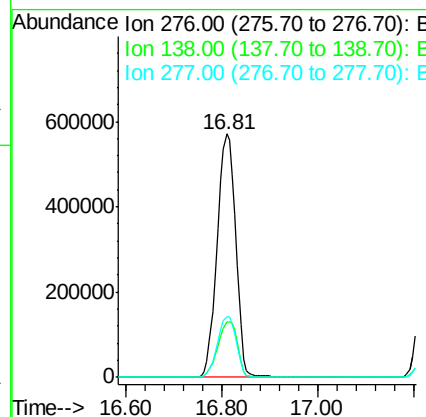
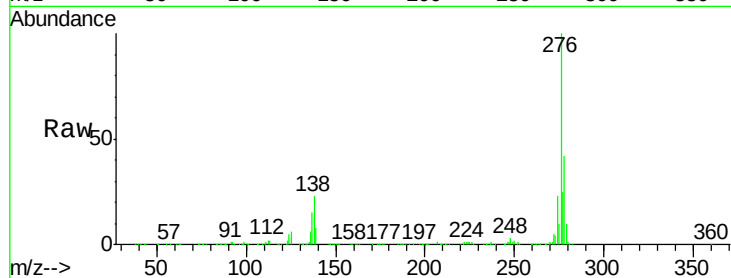
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.916 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. -0.02 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1547247
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.9 28.3
 277 25.3 20.2 30.2

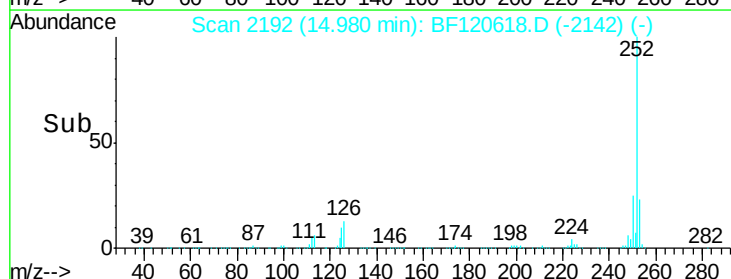
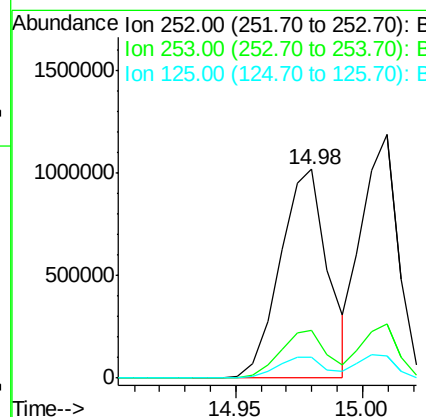
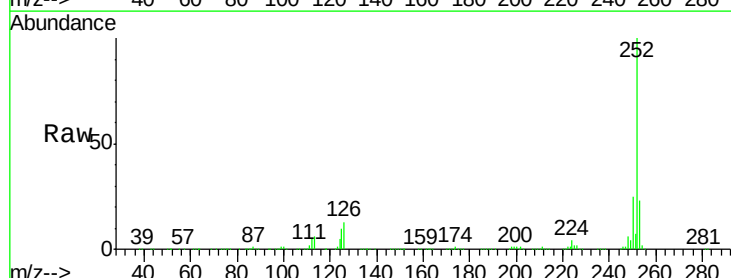
Manual Integrations
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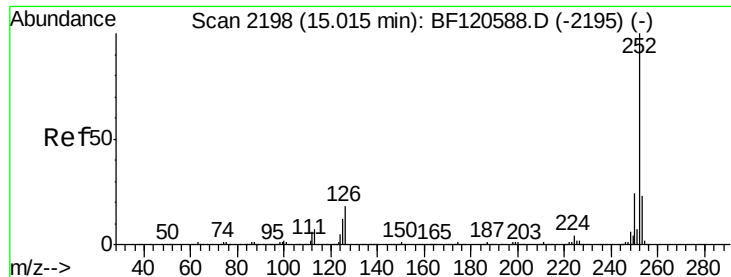
mohammad
 6/16/2020 11:06:34 AM



#88
 Benzo(b)fluoranthene
 Concen: 38.627 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF120618.D
 Acq: 15 Jun 2020 13:54

Tgt Ion:252 Resp: 1332705
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 9.7 8.3 12.5





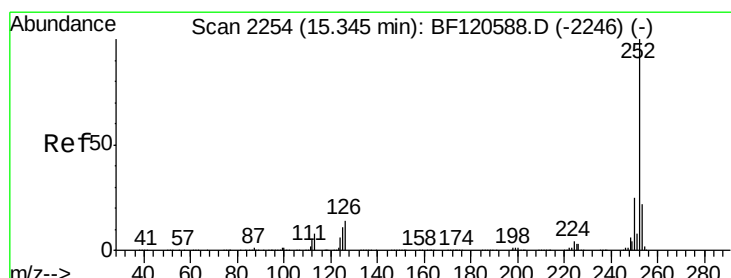
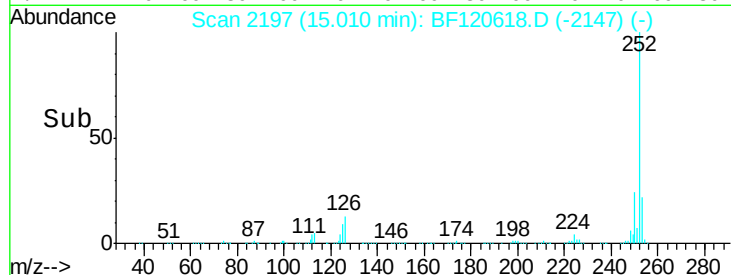
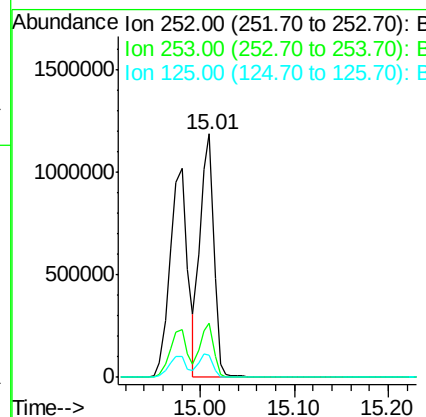
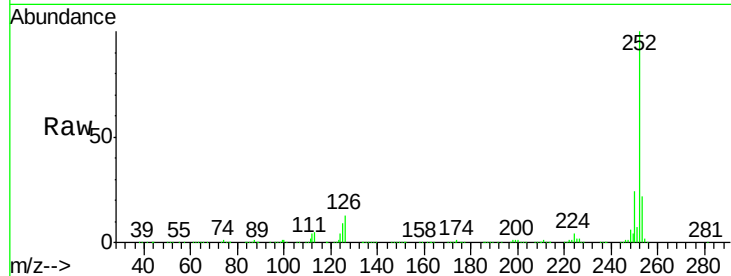
#89
Benzo(k)fluoranthene
Concen: 39.341 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.3	8.3	12.5

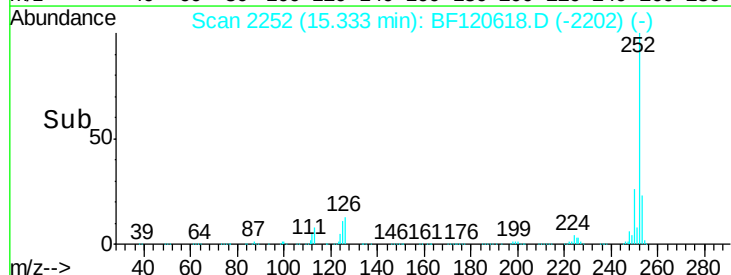
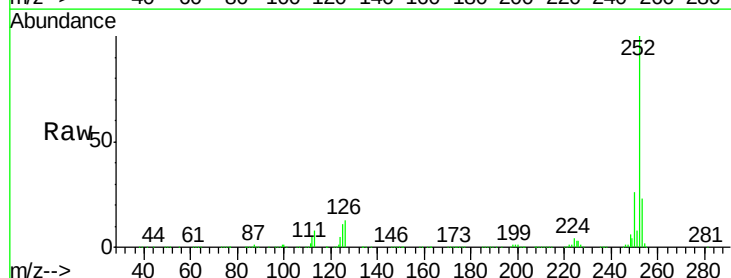
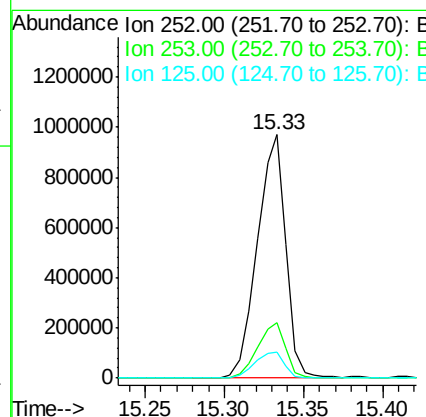
Manual Integrations
APPROVED

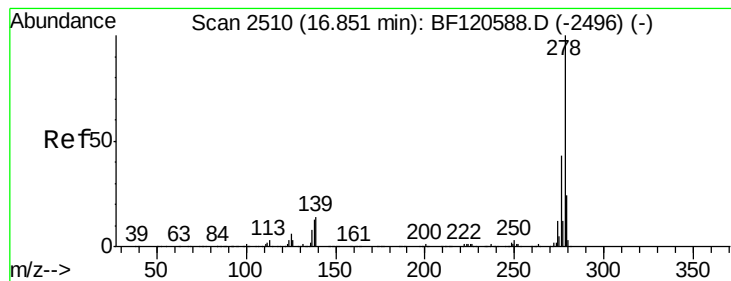
mohammad
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#90
Benzo(a)pyrene
Concen: 39.113 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF120618.D
Acq: 15 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.7	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 43.940 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.02 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1241419

Ion Ratio Lower Upper

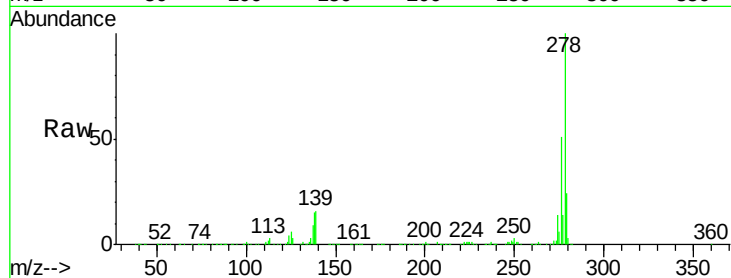
278 100

139 15.7 11.4 17.2

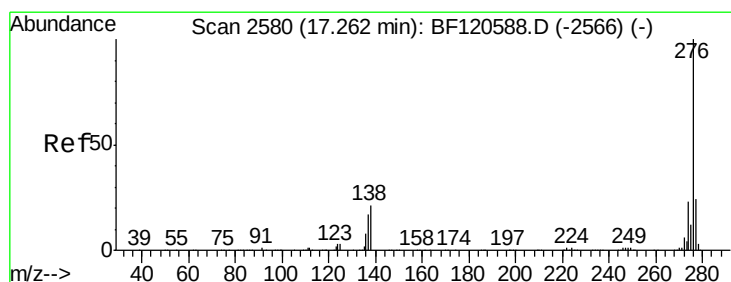
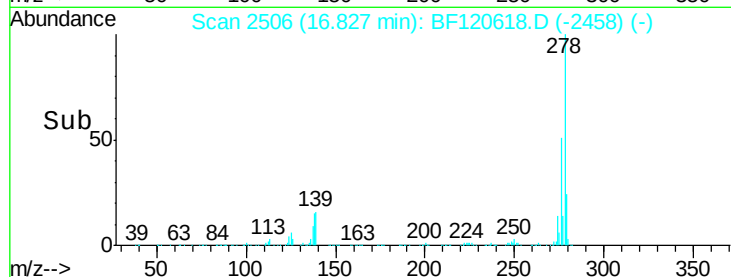
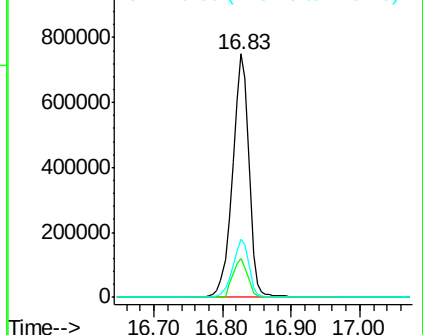
279 23.6 19.1 28.7

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



#92

Benzo(g,h,i)perylene

Concen: 44.854 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF120618.D

Acq: 15 Jun 2020 13:54

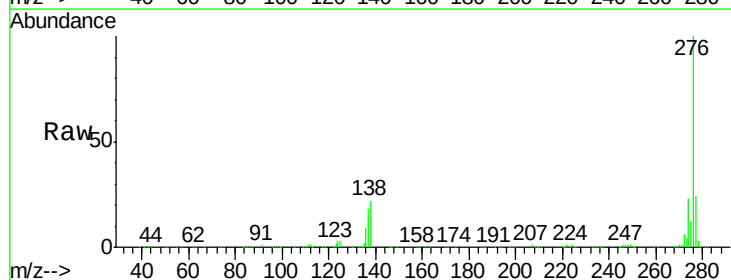
Tgt Ion:276 Resp: 1277320

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 21.6 16.5 24.7



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

