

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120605.D
 Acq On : 11 Jun 2020 16:48
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:42:59 AM

Quant Time: Jun 11 17:26:33 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	142635	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	536137	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	273532	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	522151	20.00	ng	0.00
76) Chrysene-d12	13.96	240	441442	20.00	ng	0.00
86) Perylene-d12	15.39	264	486839	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	674448	81.07	ng	-0.01
7) Phenol-d6	6.43	99	881037	85.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	753975	78.61	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	259276	81.53	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1410734	78.91	ng	0.00
79) Terphenyl-d14	12.90	244	1592477	79.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	153591	38.952	ng	100
3) Pyridine	3.20	79	431177	38.899	ng	98
4) n-Nitrosodimethylamine	3.15	42	183535	39.898	ng	99
6) Aniline	6.46	93	564408	42.561	ng	98
8) 2-Chlorophenol	6.59	128	379056	40.319	ng	98
9) Benzaldehyde	6.35	77	270896	41.333	ng	97
10) Phenol	6.45	94	482076	43.605	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	371436	40.335	ng	98
12) 1,3-Dichlorobenzene	6.74	146	413557	41.378	ng	97
13) 1,4-Dichlorobenzene	6.82	146	416023	42.188	ng	98
14) 1,2-Dichlorobenzene	6.97	146	394882	41.108	ng	99
15) Benzyl Alcohol	6.94	79	313575	42.673	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	573274	43.236	ng	99
17) 2-Methylphenol	7.06	107	330038	41.160	ng	98
18) Hexachloroethane	7.31	117	150870	41.520	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	249244	41.467	ng	97
20) 3+4-Methylphenols	7.21	107	400209	39.942	ng	91
22) Acetophenone	7.21	105	476963	39.792	ng	98
24) Nitrobenzene	7.38	77	401403	39.991	ng	95
25) Isophorone	7.62	82	715448	38.292	ng	98
26) 2-Nitrophenol	7.70	139	197218	37.140	ng	98
27) 2,4-Dimethylphenol	7.74	122	295936	37.851	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	440997	40.718	ng	99
29) 2,4-Dichlorophenol	7.94	162	311517	39.197	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	352697	40.045	ng	99
31) Naphthalene	8.10	128	1077233	40.919	ng	99
32) Benzoic acid	7.85	122	227268	37.886	ng	99
33) 4-Chloroaniline	8.15	127	470453	38.933	ng	98
34) Hexachlorobutadiene	8.22	225	213087	41.506	ng	99
35) Caprolactam	8.52	113	96611m	38.008	ng	
36) 4-Chloro-3-methylphenol	8.63	107	316986	39.922	ng	97
37) 2-Methylnaphthalene	8.79	142	719896	41.889	ng	99
38) 1-Methylnaphthalene	8.89	142	673284	41.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	337183	41.284	ng	99

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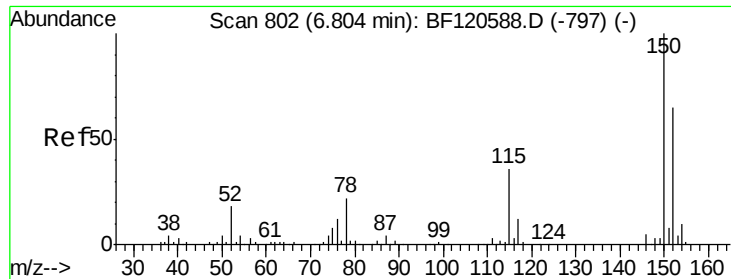
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	188049	41.087	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	230807	39.838	nq	98
44) 2,4,5-Trichlorophenol	9.11	196	260909	39.694	nq	95
46) 1,1'-Biphenyl	9.26	154	861456	42.177	nq	98
47) 2-Chloronaphthalene	9.28	162	686981	41.131	nq	98
48) 2-Nitroaniline	9.38	65	215636	41.108	nq	99
49) Acenaphthylene	9.70	152	1061199	41.169	nq	99
50) Dimethylphthalate	9.56	163	778740	39.530	nq	100
51) 2,6-Dinitrotoluene	9.62	165	171222	38.351	nq	97
52) Acenaphthene	9.87	154	646000	42.021	nq	99
53) 3-Nitroaniline	9.79	138	209487	39.066	nq	95
54) 2,4-Dinitrophenol	9.89	184	86158	34.699	nq	# 88
55) Dibenzofuran	10.04	168	969284	41.120	nq	98
56) 4-Nitrophenol	9.95	139	152903	37.860	nq	93
57) 2,4-Dinitrotoluene	10.02	165	232195	39.194	nq	91
58) Fluorene	10.39	166	739875	40.716	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	203549	39.362	nq	99
60) Diethylphthalate	10.26	149	783717	40.393	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	380825	40.582	nq	97
62) 4-Nitroaniline	10.40	138	206820	38.850	nq	96
63) Azobenzene	10.53	77	746941	42.411	nq	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	121636	38.823	nq	90
66) n-Nitrosodiphenylamine	10.49	169	666722	41.580	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	244195	41.208	nq	94
68) Hexachlorobenzene	10.93	284	261694	41.073	nq	95
69) Atrazine	11.02	200	191197	38.533	nq	98
70) Pentachlorophenol	11.13	266	142291	40.170	nq	99
71) Phenanthrene	11.35	178	1072698	41.328	nq	100
72) Anthracene	11.40	178	1088586	41.608	nq	99
73) Carbazole	11.55	167	1047965	40.464	nq	99
74) Di-n-butylphthalate	11.88	149	1245455	42.775	nq	100
75) Fluoranthene	12.53	202	1205833	40.633	nq	98
77) Benzidine	12.65	184	505295	33.846	nq	98
78) Pyrene	12.76	202	1240572	39.670	nq	99
80) Butylbenzylphthalate	13.38	149	544023	39.177	nq	94
81) Benzo(a)anthracene	13.94	228	1085342	40.923	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	410993	40.571	nq	99
83) Chrysene	13.99	228	1098155	40.367	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	719749	42.470	nq	99
85) Di-n-octyl phthalate	14.55	149	1314110	40.630	nq	99
87) Indeno(1,2,3-cd)pyrene	16.82	276	1337292	45.158	nq	100
88) Benzo(b)fluoranthene	14.98	252	1117096	38.521	nq	99
89) Benzo(k)fluoranthene	15.01	252	1113293	43.385	nq	99
90) Benzo(a)pyrene	15.34	252	1067692	41.138	nq	100
91) Dibenzo(a,h)anthracene	16.83	278	1092878	46.021	nq	97
92) Benzo(g,h,i)perylene	17.24	276	1083129	45.251	nq	98

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



#1

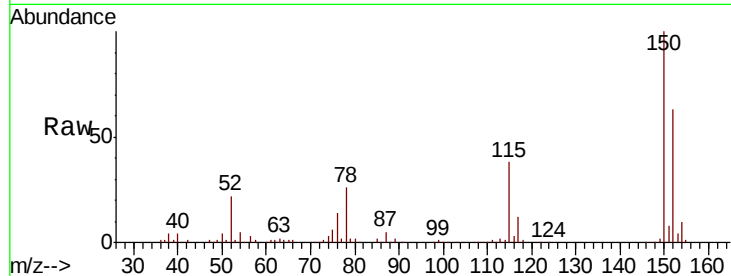
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.2	184.8
115	60.6	43.9	65.9

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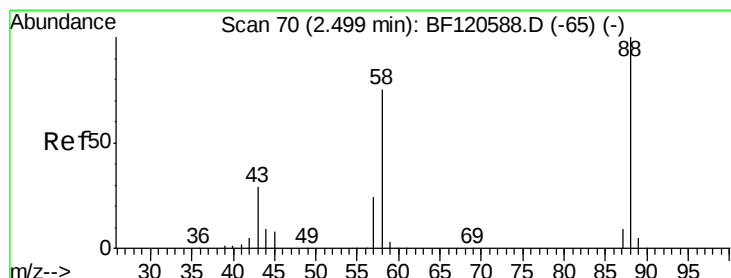
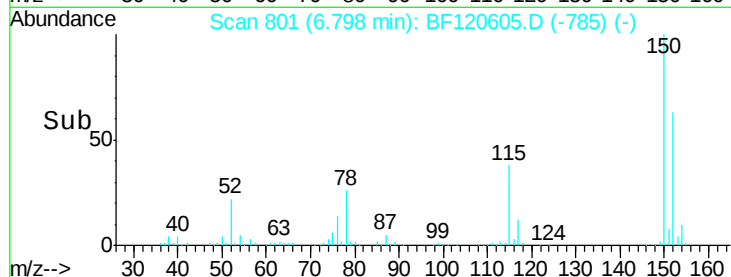
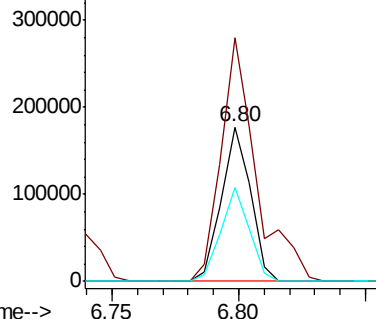


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

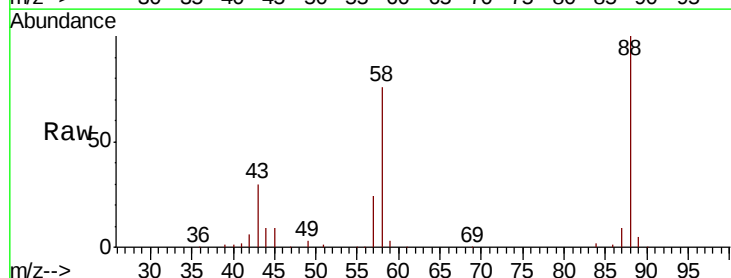
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.952 ng
 RT: 2.46 min Scan# 64
 Delta R.T. -0.04 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.6	89.4
43	28.9	23.1	34.7

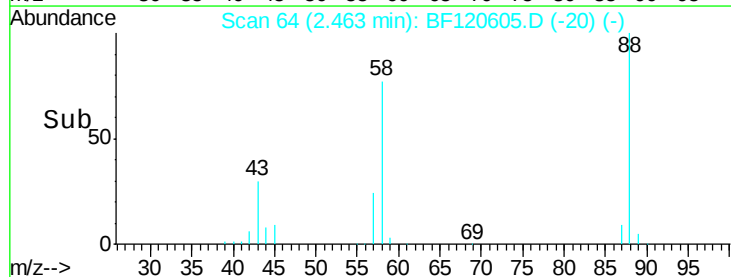
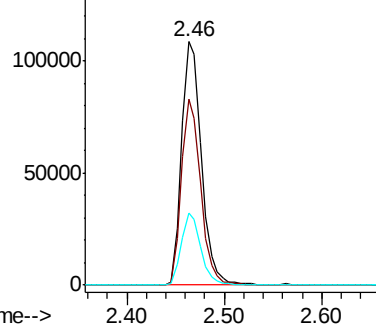


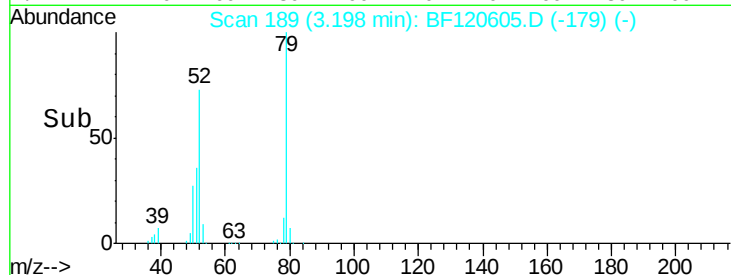
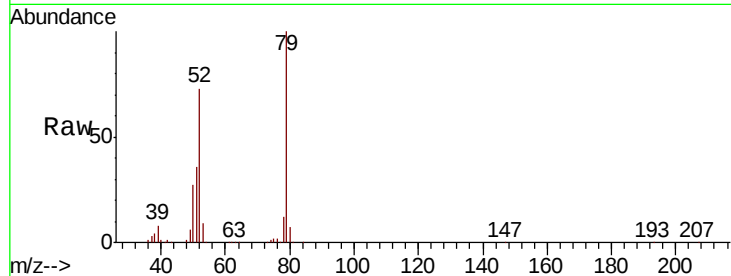
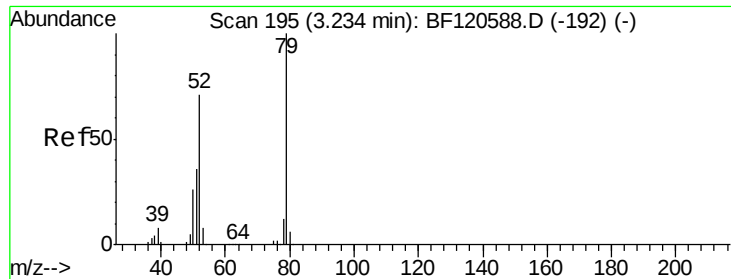
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





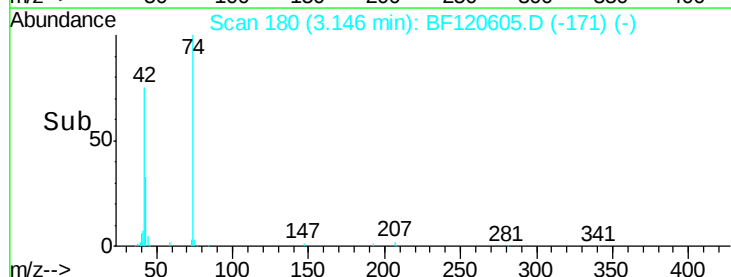
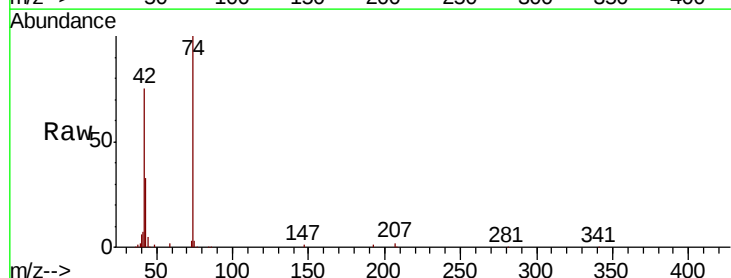
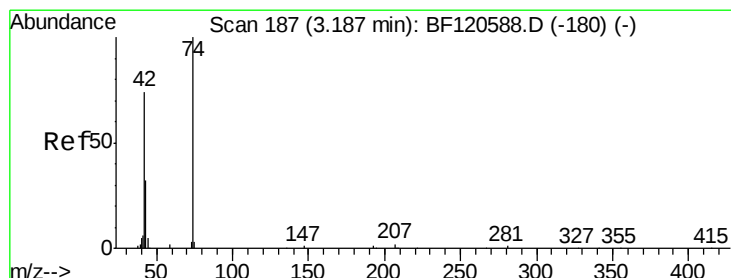
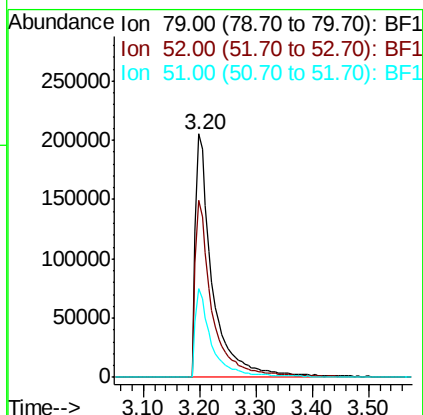
#3
 Pvridine
 Concen: 38.899 ng
 RT: 3.20 min Scan# 189
 Delta R.T. -0.04 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.9	57.0	85.6
51	36.4	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

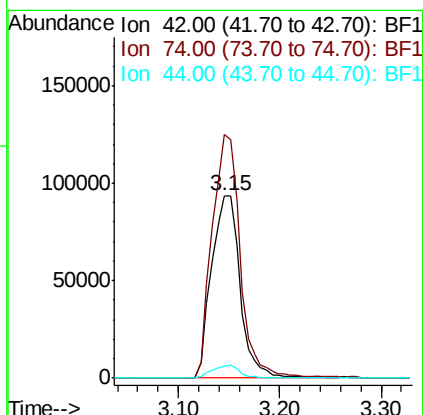
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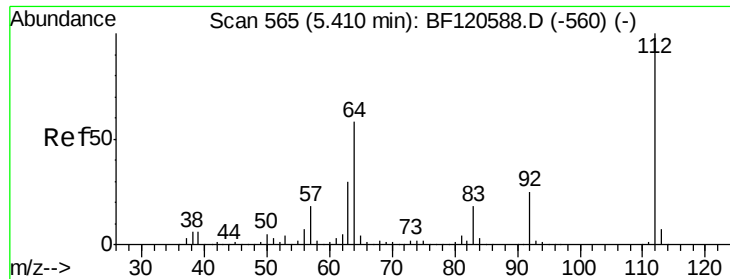
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#4
 n-Nitrosodimethylamine
 Concen: 39.898 ng
 RT: 3.15 min Scan# 180
 Delta R.T. -0.05 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	107.8	161.6
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 81.068 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

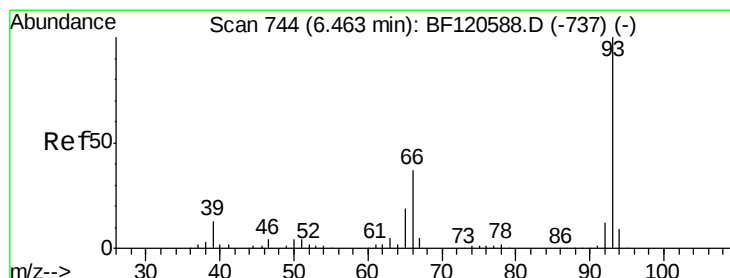
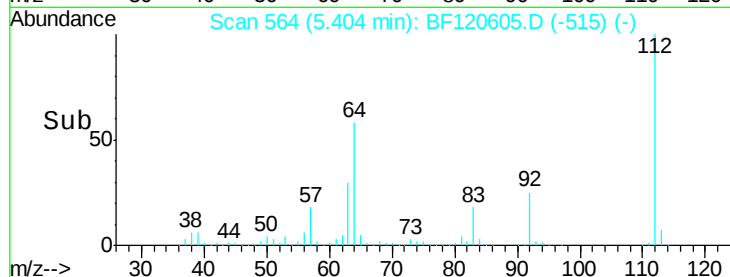
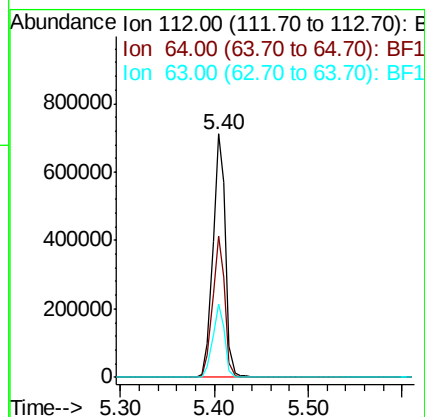
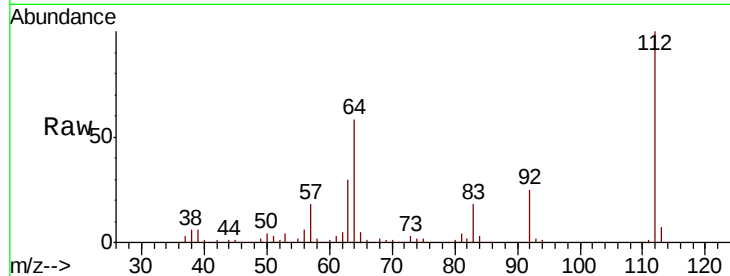
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	674448
Ion Ratio	Lower	Upper	
112	100		
64	58.1	46.1	69.1
63	29.9	23.7	35.5

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#6

Aniline

Concen: 42.561 ng

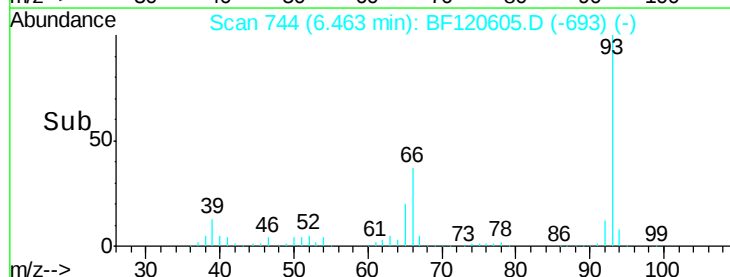
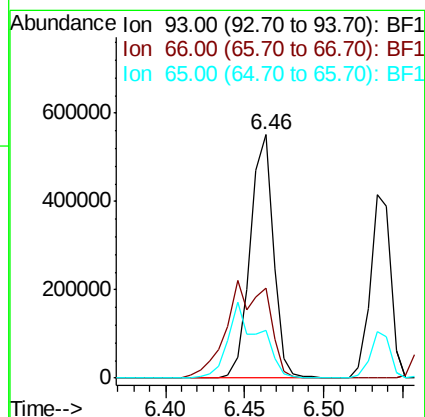
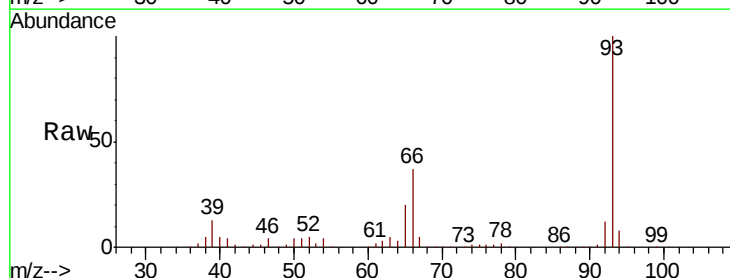
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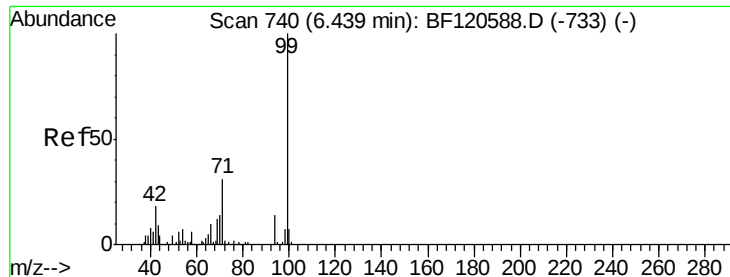
Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Tgt Ion:	93	Resp:	564408
Ion Ratio	Lower	Upper	
93	100		
66	36.9	30.9	46.3
65	19.5	15.9	23.9





#7

Phenol-d6

Concen: 85.026 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

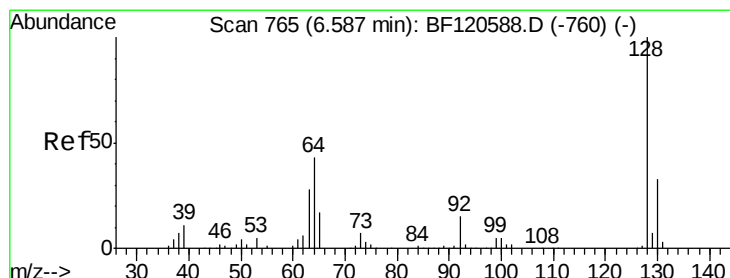
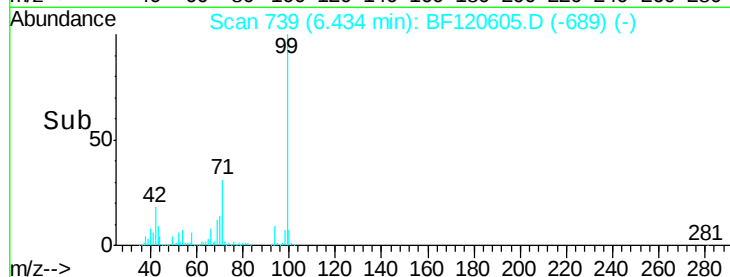
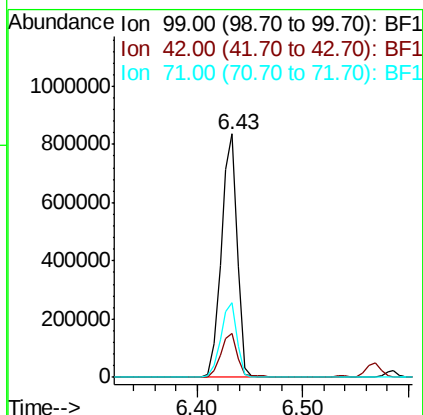
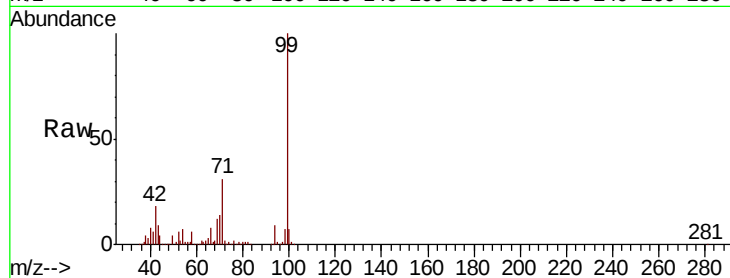
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	881037
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.0	21.0
71	30.7	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.319 ng

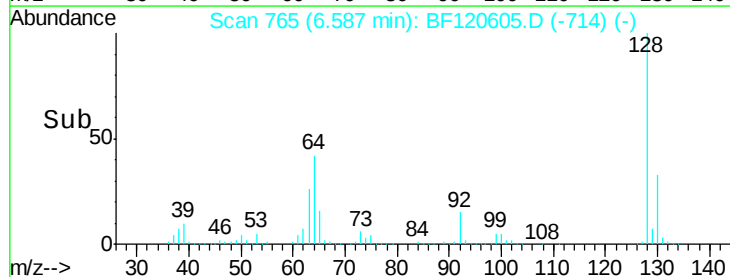
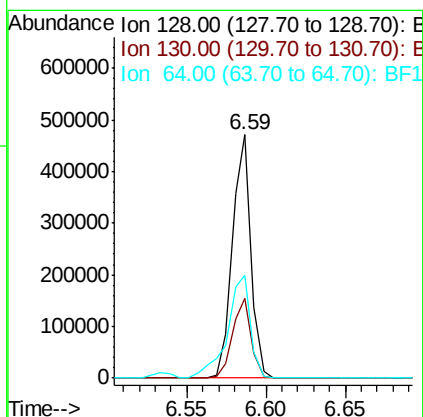
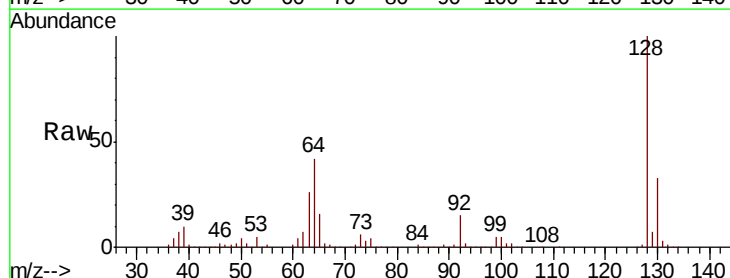
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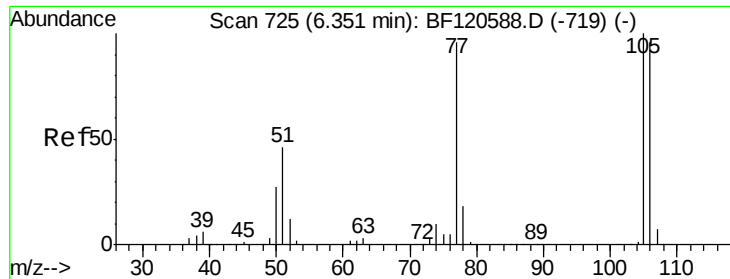
Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Tgt Ion:	128	Resp:	379056
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	42.5	24.3	64.3





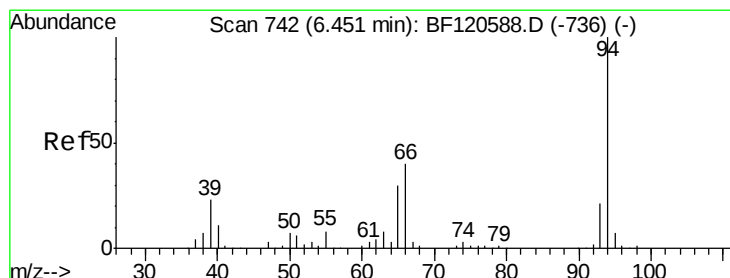
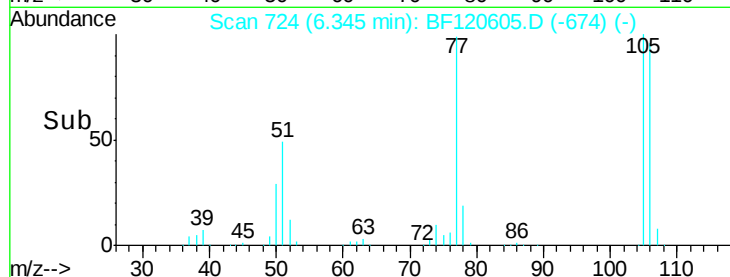
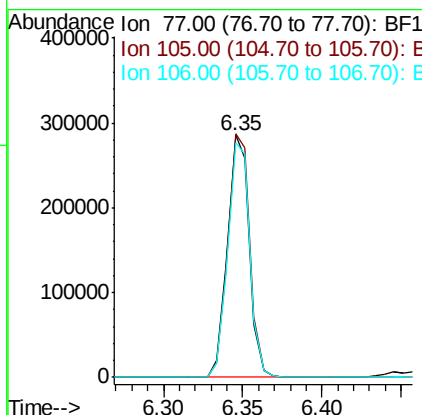
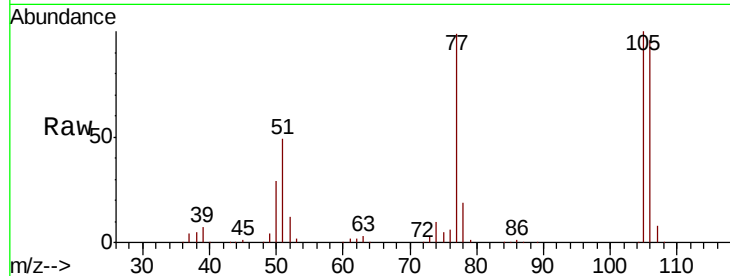
#9
Benzaldehyde
Concen: 41.333 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	83.8	123.8
106	96.6	79.3	119.3

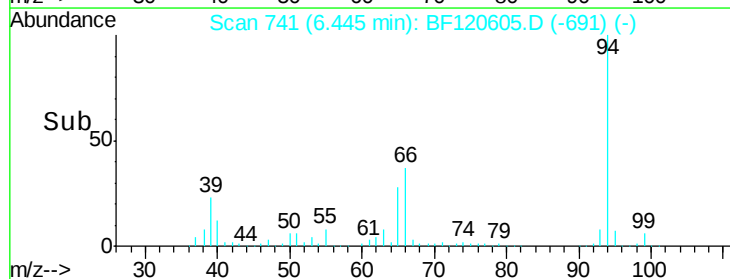
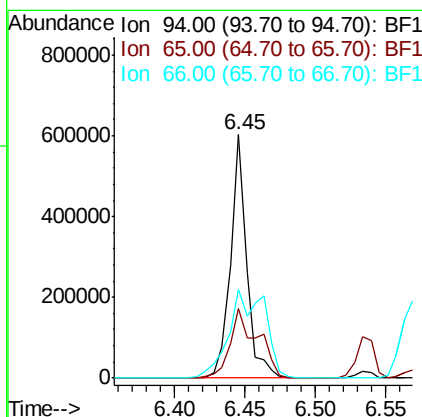
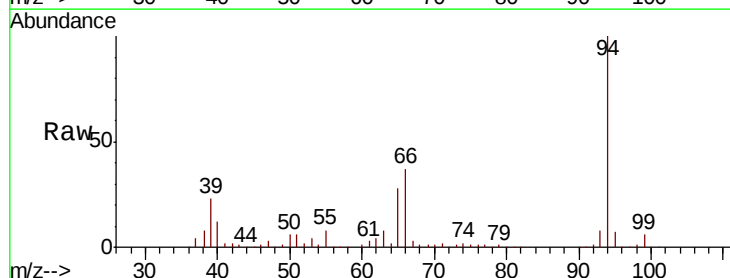
Manual Integrations
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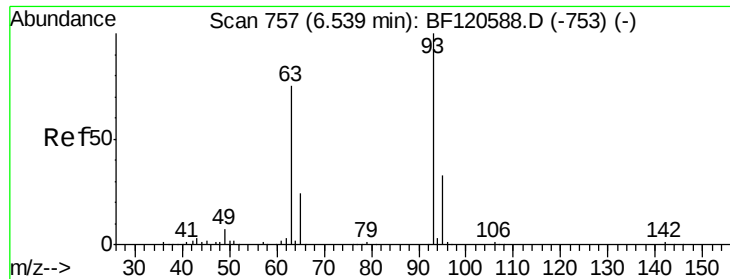
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#10
Phenol
Concen: 43.605 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.9	49.9
66	36.5	20.1	60.1





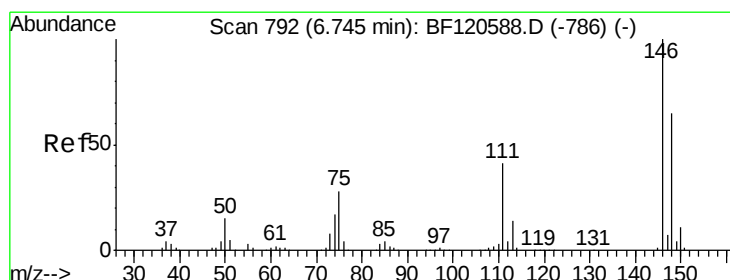
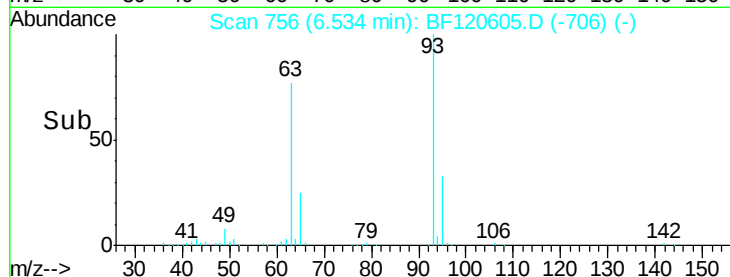
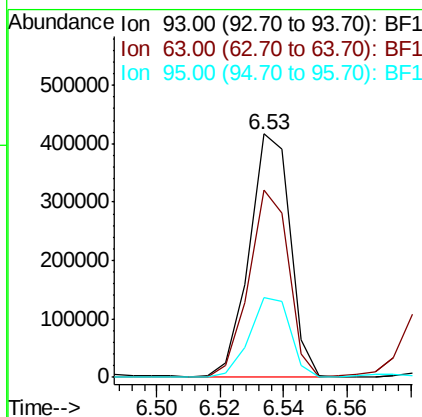
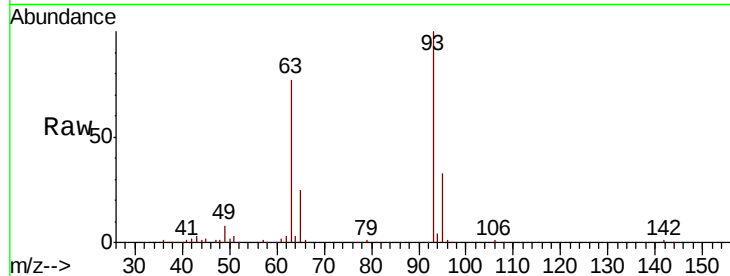
#11
bis(2-Chloroethyl)ether
Concen: 40.335 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	371436
Ion	Ratio	Lower	Upper
93	100		
63	76.9	54.4	94.4
95	32.5	12.9	52.9

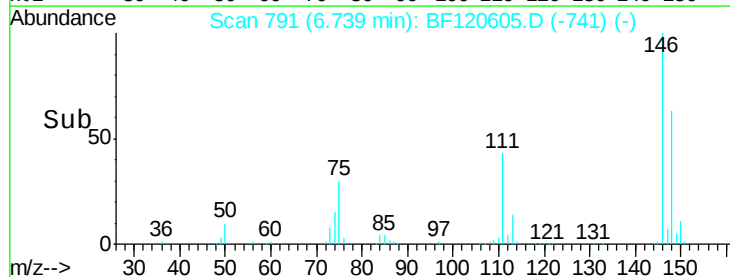
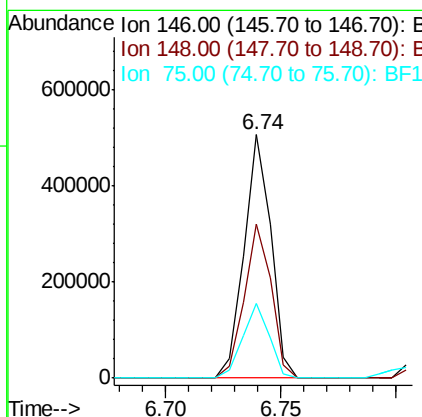
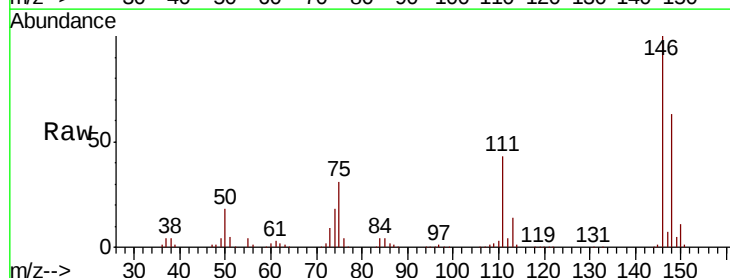
Manual Integrations
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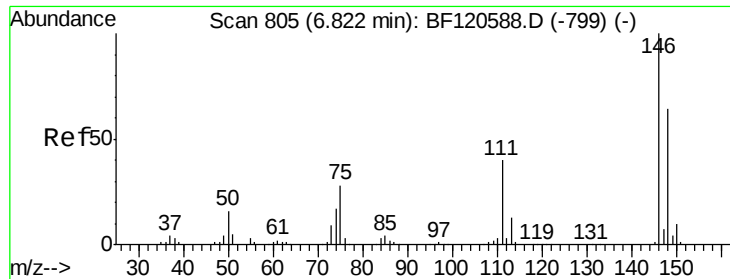
mohammad
6/15/2020 8:42:59 AM



#12
1,3-Dichlorobenzene
Concen: 41.378 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion:	146	Resp:	413557
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
75	30.8	22.2	33.4





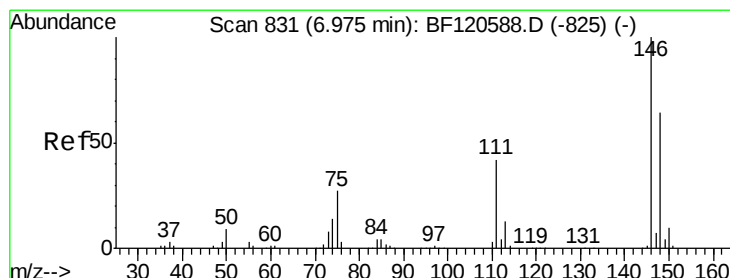
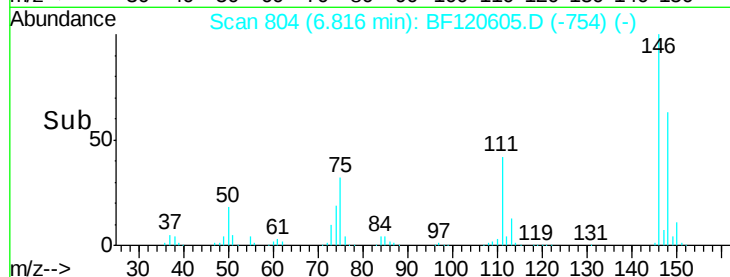
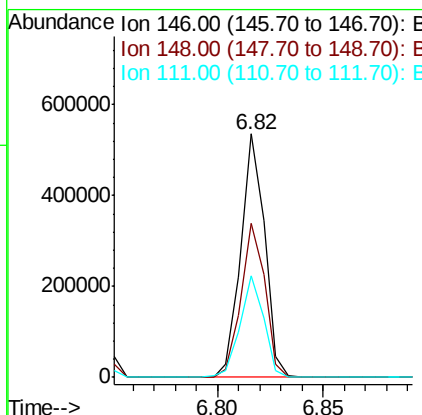
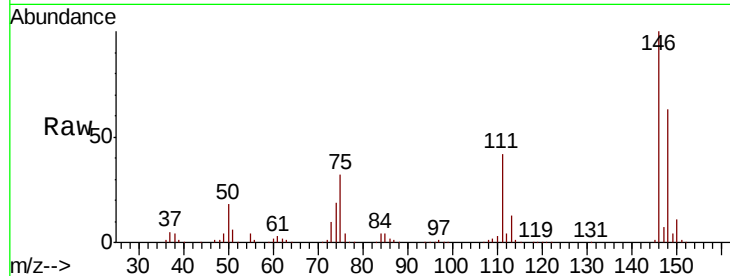
#13
 1,4-Dichlorobenzene
 Concen: 42.188 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
416023	146	100		
	148	63.1	51.5	77.3
	111	41.7	32.2	48.4

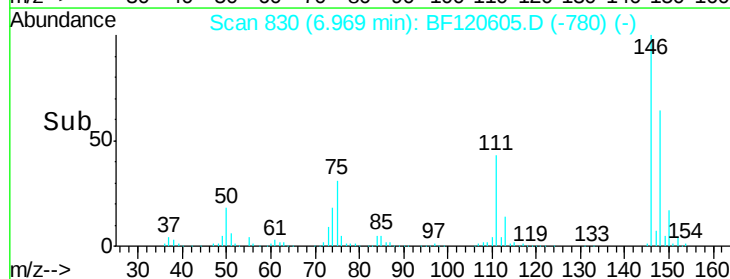
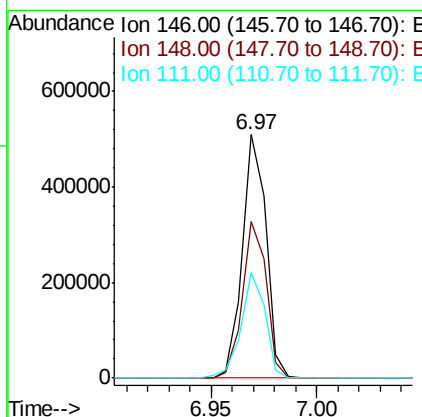
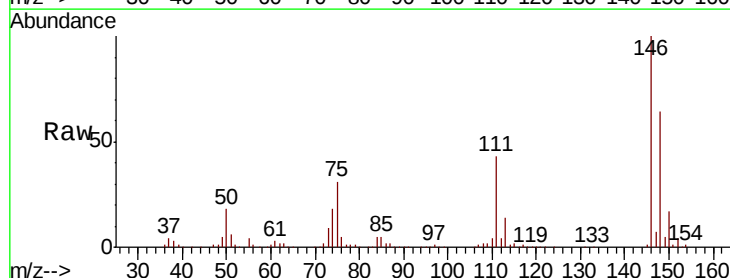
Manual Integrations
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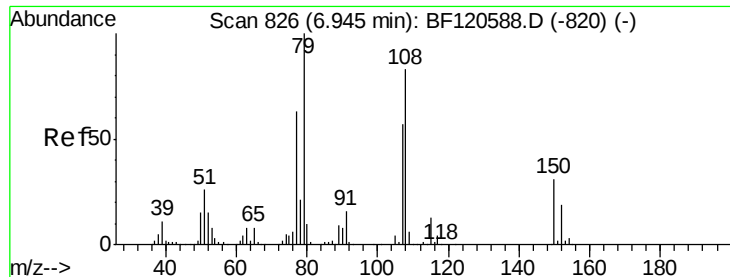
mohammad
 6/15/2020 8:42:59 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.108 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
394882	146	100		
	148	64.1	50.8	76.2
	111	43.2	33.6	50.4





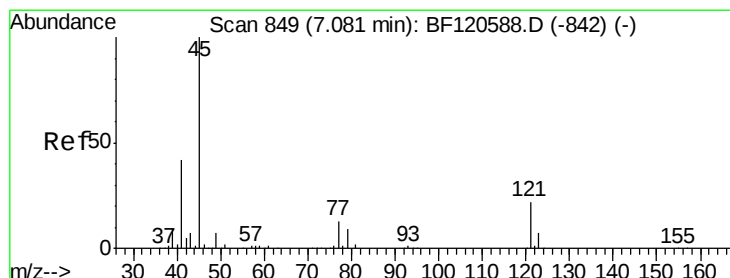
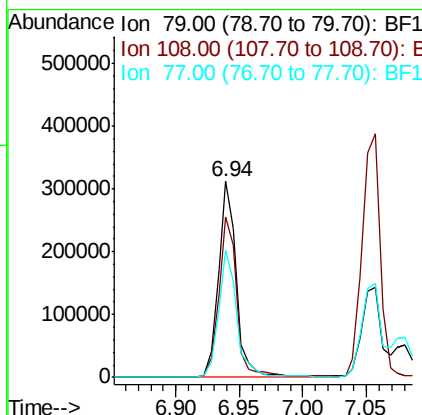
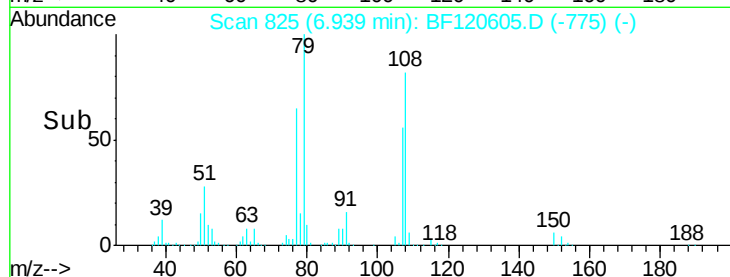
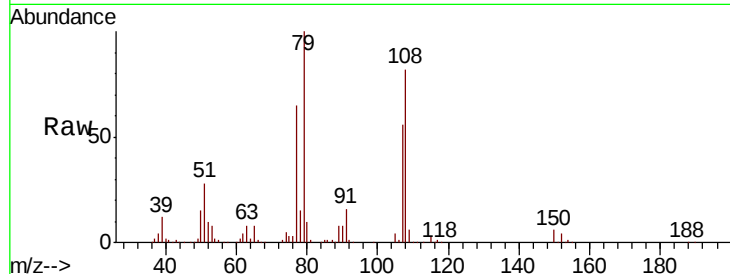
#15
Benzyl Alcohol
Concen: 42.673 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.8	100.2
77	64.6	50.6	76.0

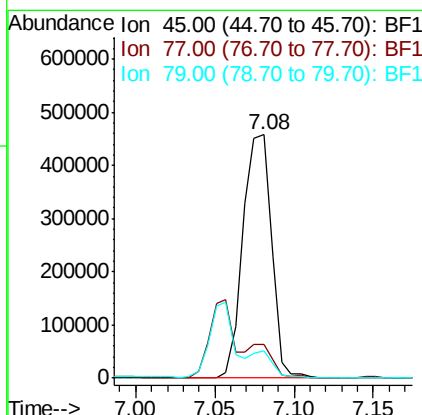
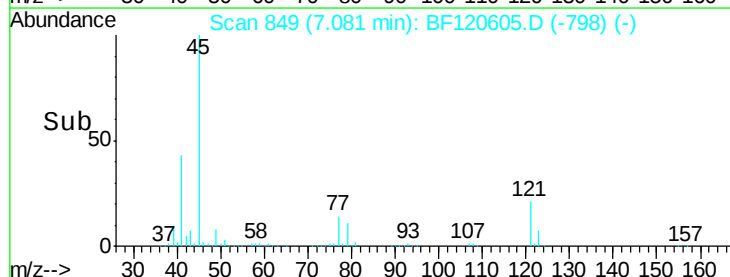
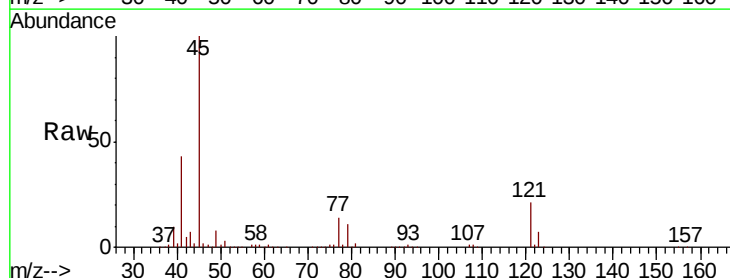
Manual Integrations
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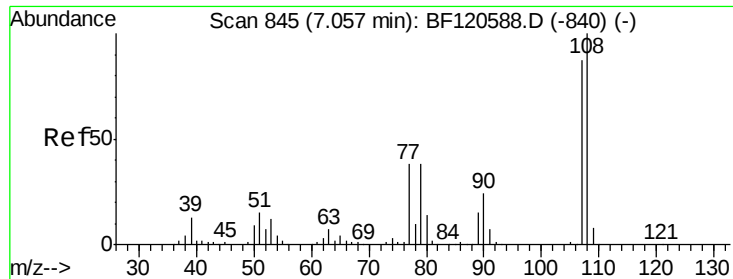
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.236 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	34.2
79	11.2	0.0	30.9





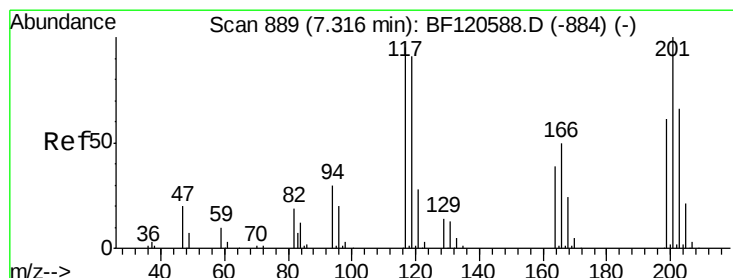
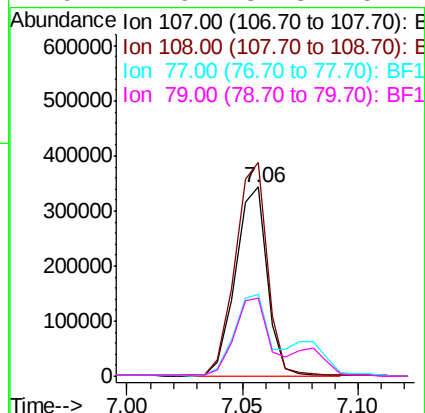
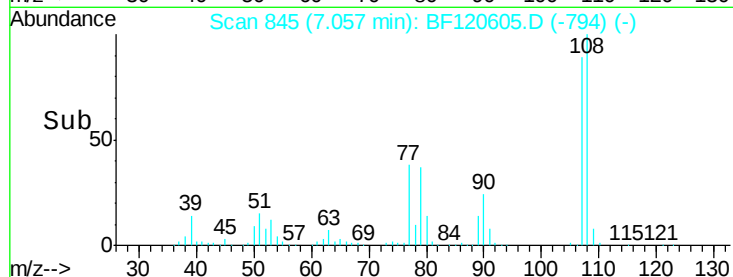
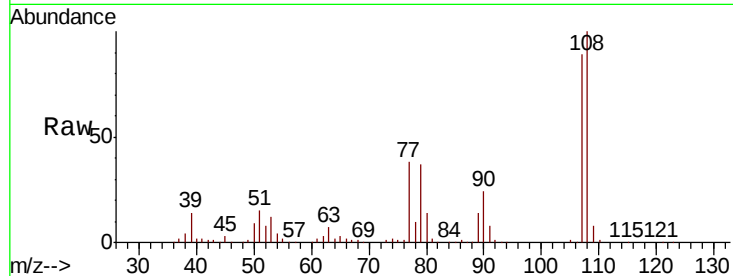
#17
2-Methylphenol
Concen: 41.160 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	107	Resp	330038
Ion Ratio	Lower	Upper	
107	100		
108	112.9	91.9	137.9
77	43.3	35.4	53.2
79	41.6	34.8	52.2

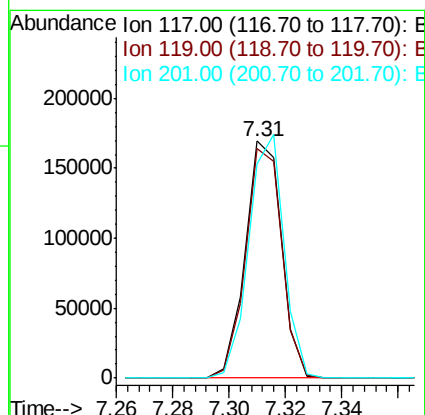
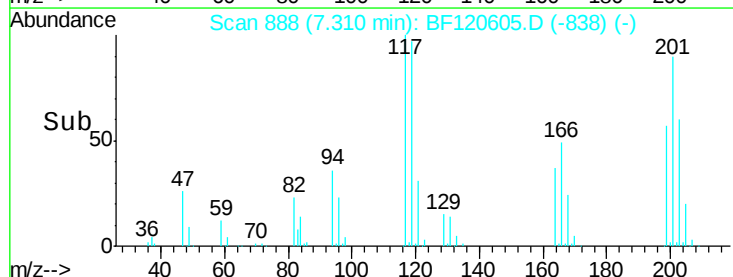
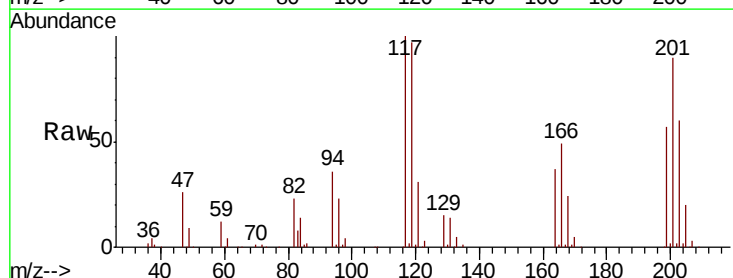
Manual Integrations
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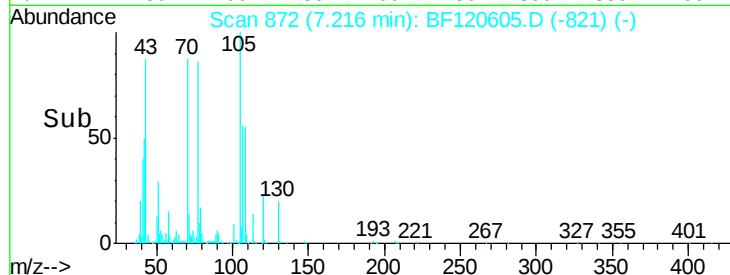
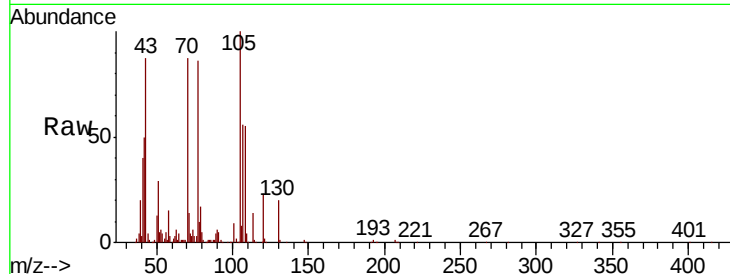
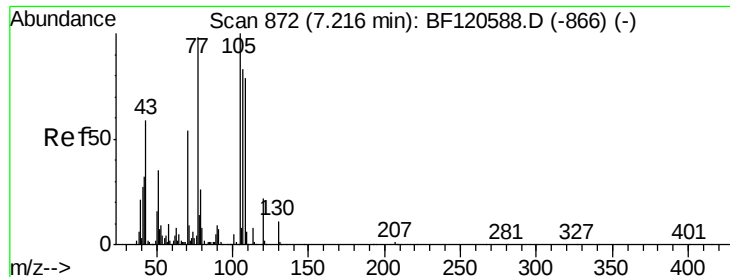
mohammad
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#18
Hexachloroethane
Concen: 41.520 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	117	Resp	150870
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.9	115.3
201	90.3	84.6	127.0





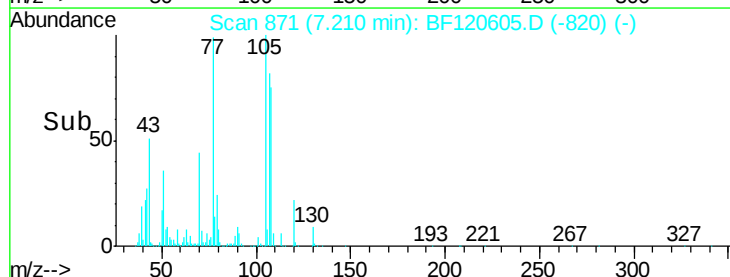
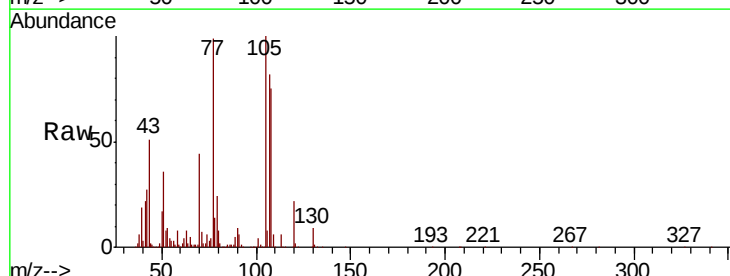
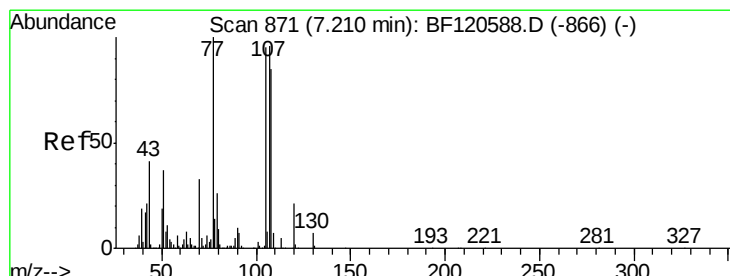
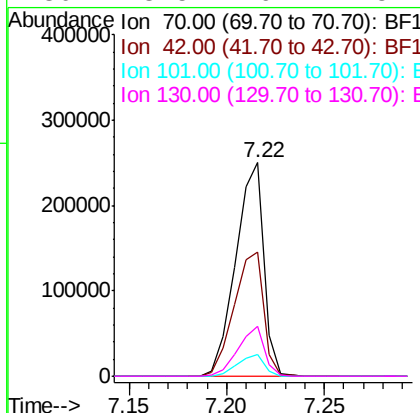
#19
n-Nitroso-di-n-propylamine
Concen: 41.467 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.7	71.5
101	10.1	7.6	11.4
130	23.5	16.7	25.1

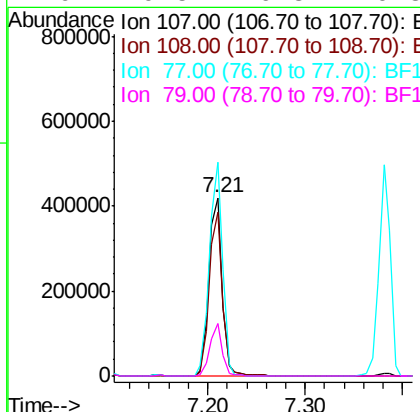
Manual Integrations
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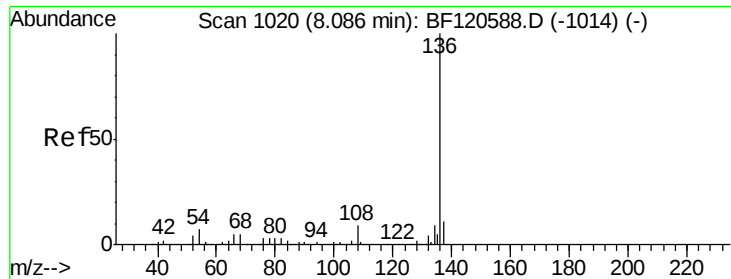
mohammad
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#20
3+4-Methylphenols
Concen: 39.942 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.7	108.7
77	119.7	84.2	124.2
79	29.5	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: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

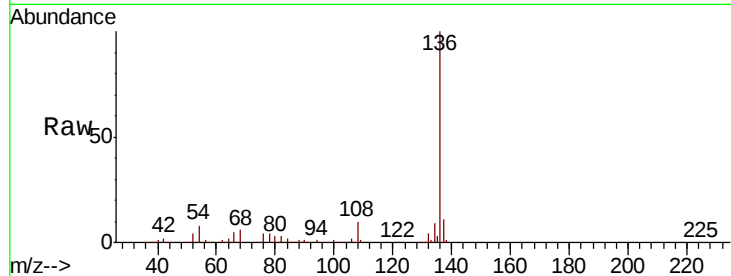
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		536137		
137	11.0	8.6	13.0		
54	8.0	5.8	8.6		
68	6.5	4.4	6.6		

Manual Integrations
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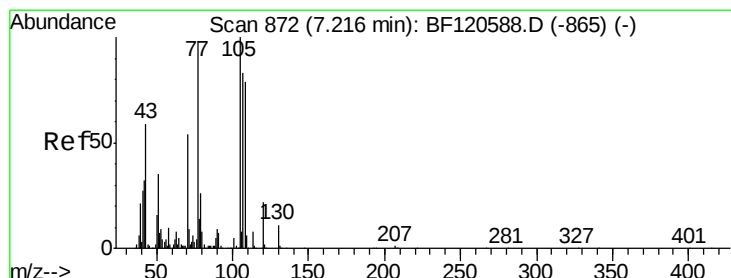
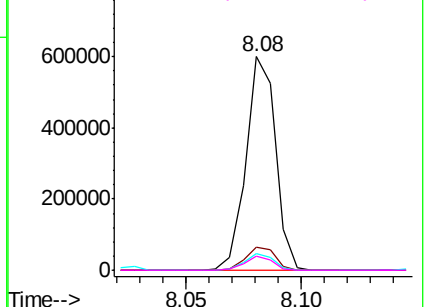
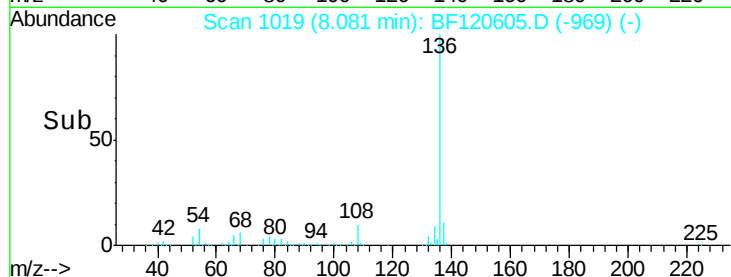


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.792 ng

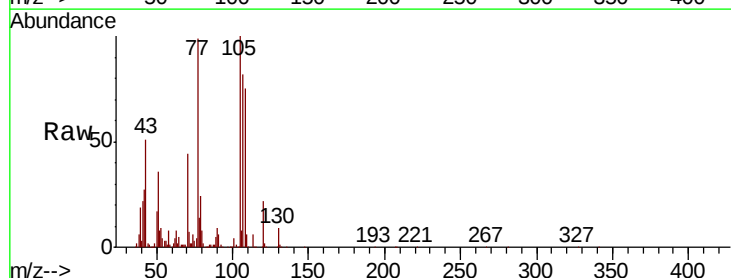
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		476963		
71	7.5	7.2	10.8		
51	35.7	27.8	41.8		
120	22.2	18.0	27.0		

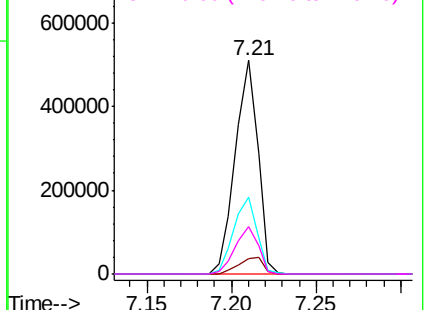
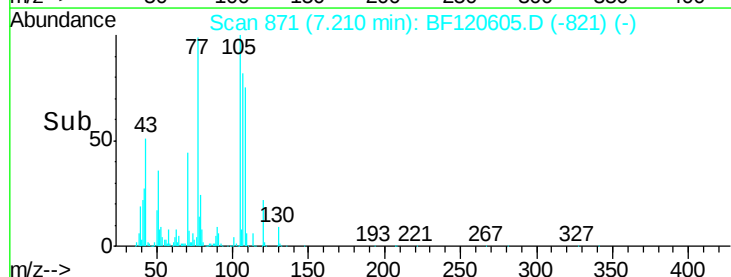


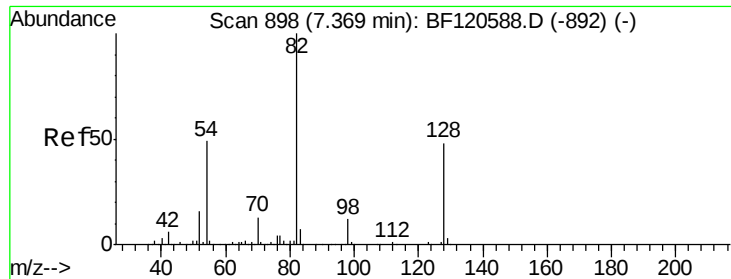
Abundance Ion 105.00 (104.70 to 105.70): E

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





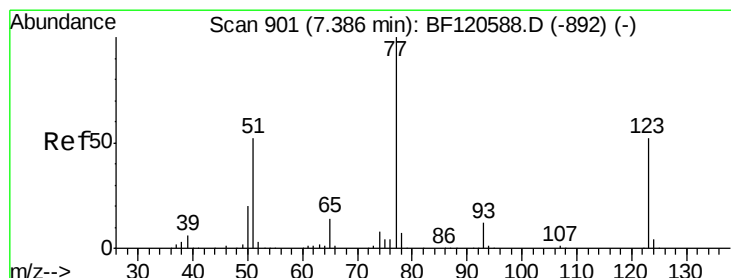
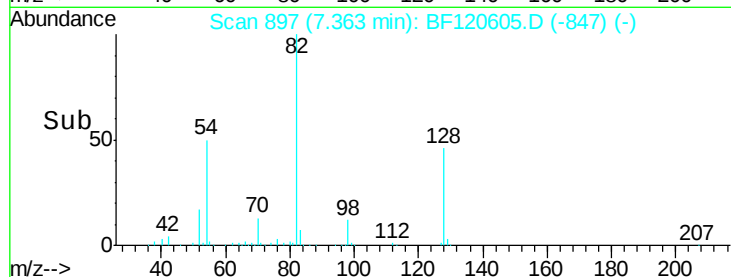
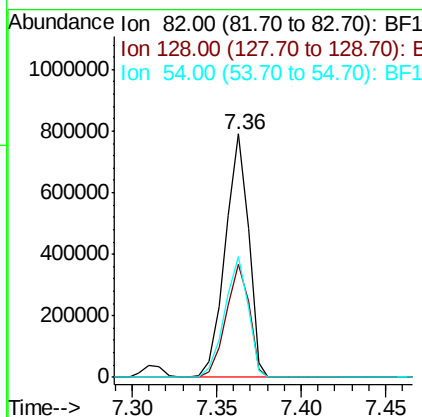
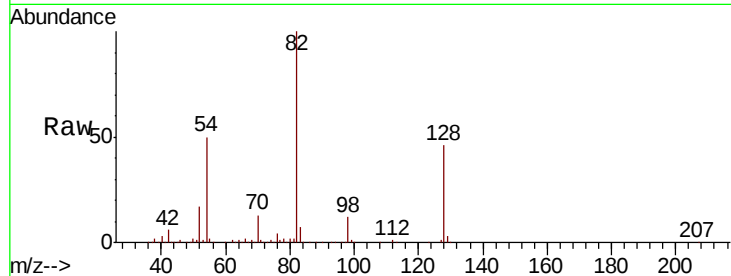
#23
Nitrobenzene-d5
Concen: 78.608 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.0	57.0
54	49.6	38.8	58.2

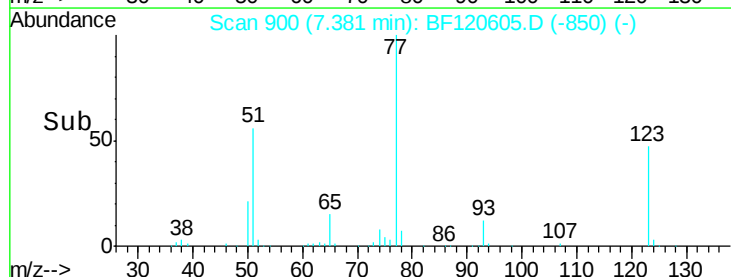
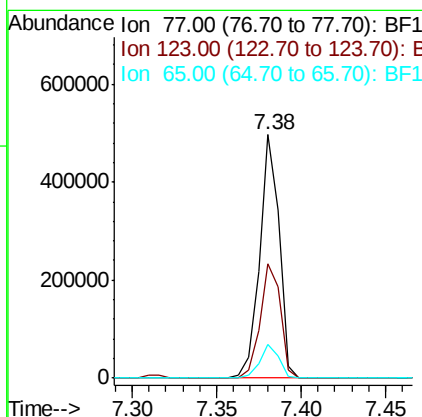
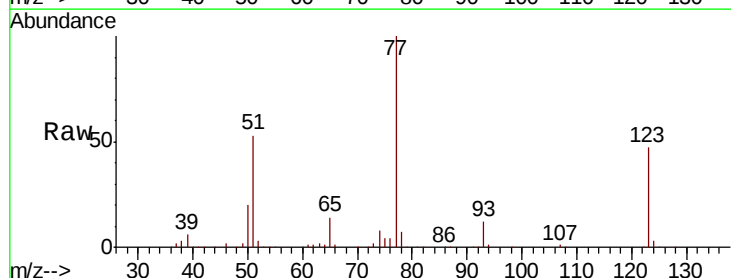
Manual Integrations
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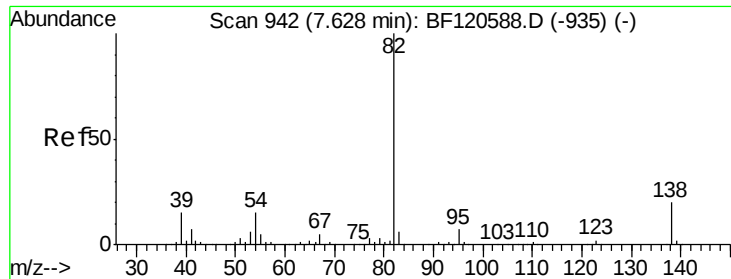
mohammad
6/15/2020 8:42:59 AM



#24
Nitrobenzene
Concen: 39.991 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	41.4	62.0
65	13.6	11.0	16.4





#25

Isophorone

Concen: 38.292 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

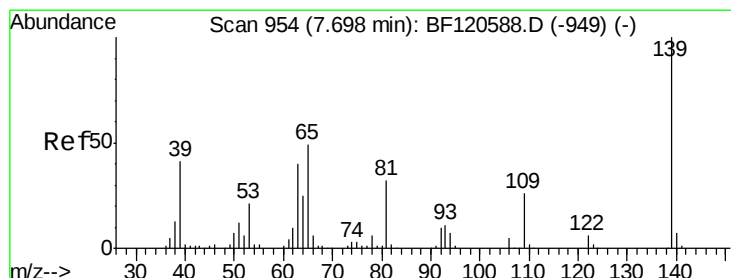
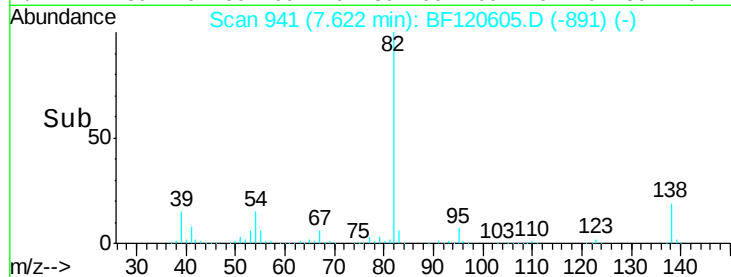
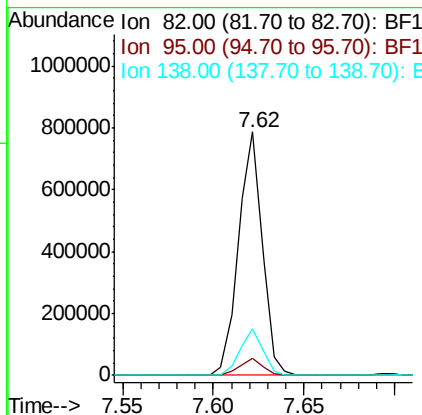
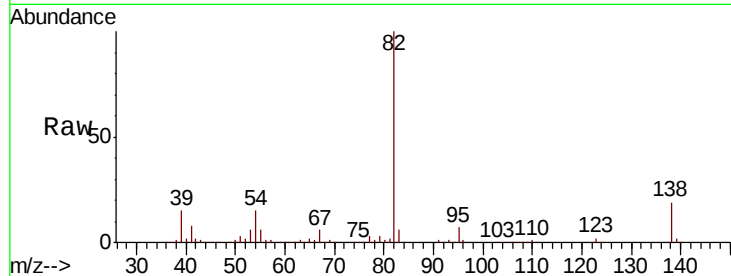
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	715448
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.7	8.5
138	18.9	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.140 ng

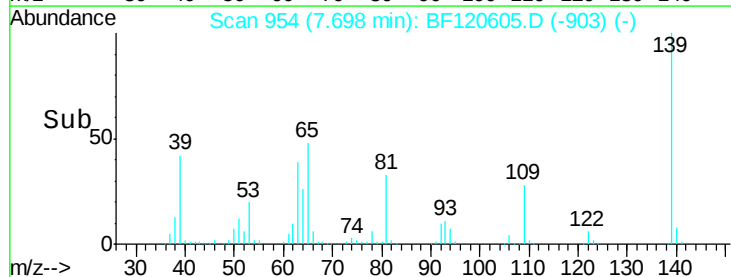
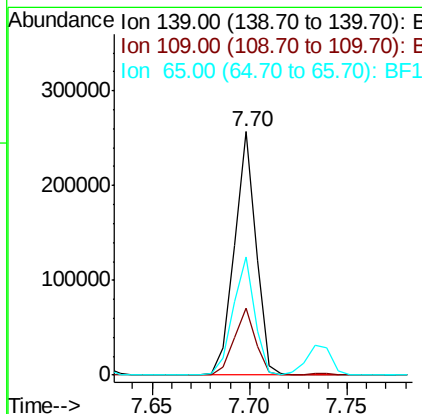
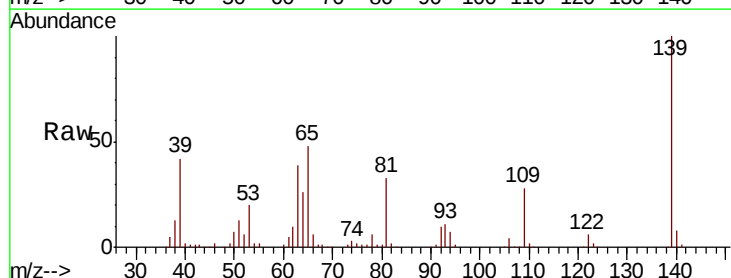
RT: 7.70 min Scan# 954

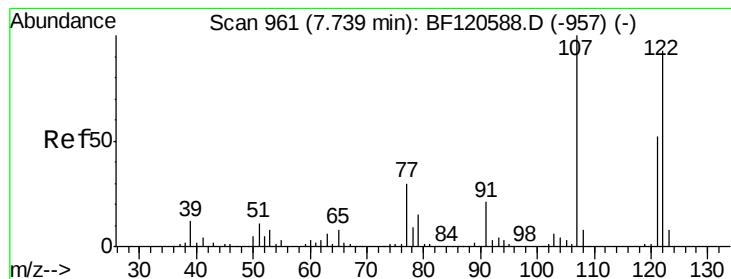
Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Tgt Ion:	139	Resp:	197218
Ion Ratio		Lower	Upper
139	100		
109	27.8	21.1	31.7
65	48.4	39.4	59.0





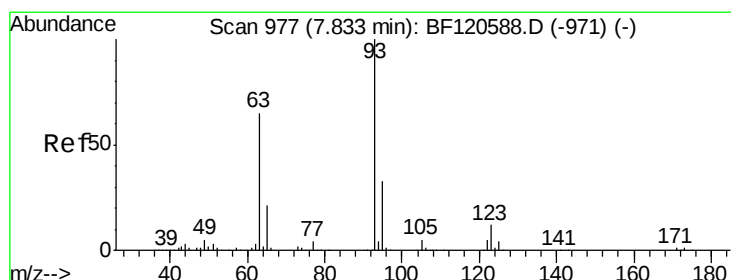
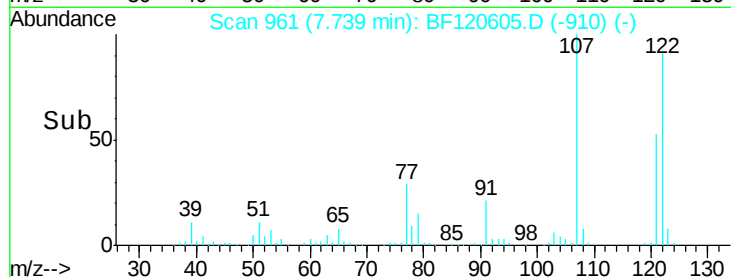
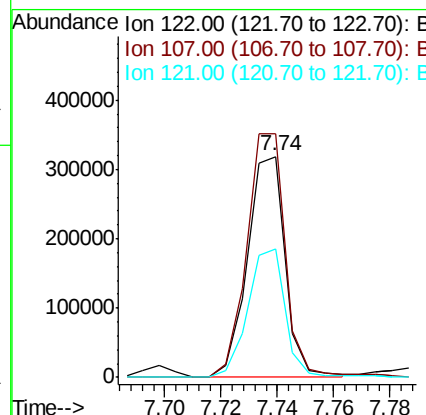
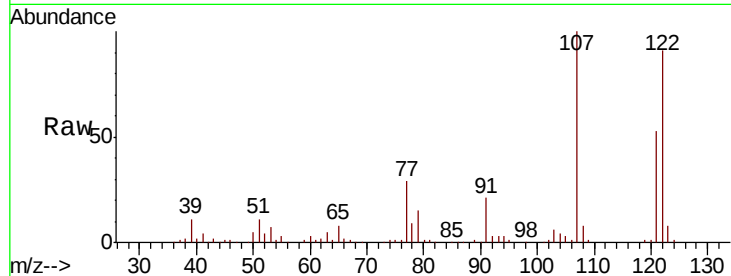
#27
2,4-Dimethylphenol
Concen: 37.851 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	86.4	129.6
121	58.1	45.2	67.8

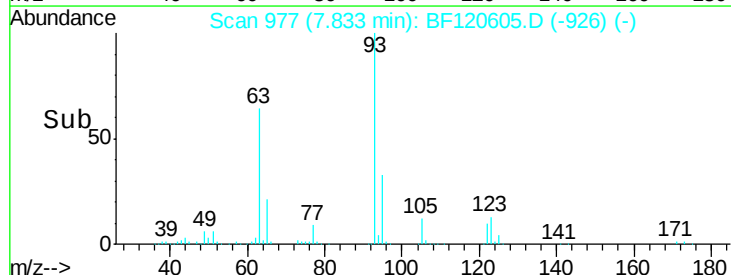
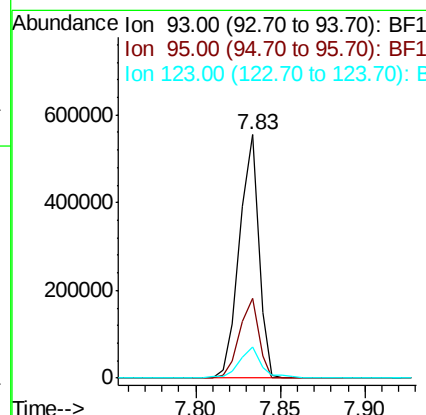
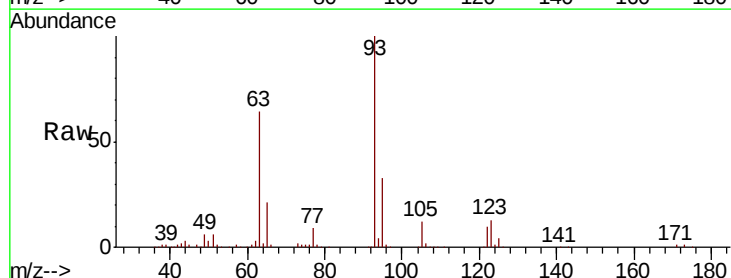
Manual Integrations
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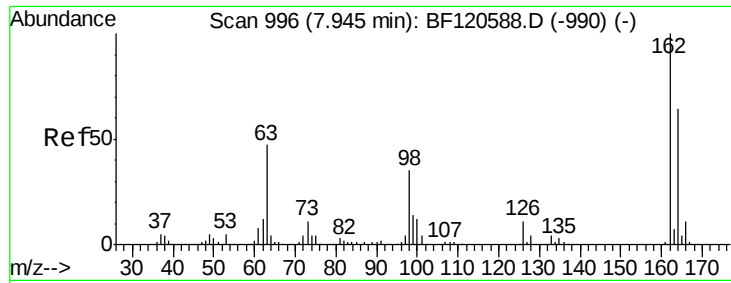
mohammad
6/15/2020 8:42:59 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.718 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.7	9.5	14.3





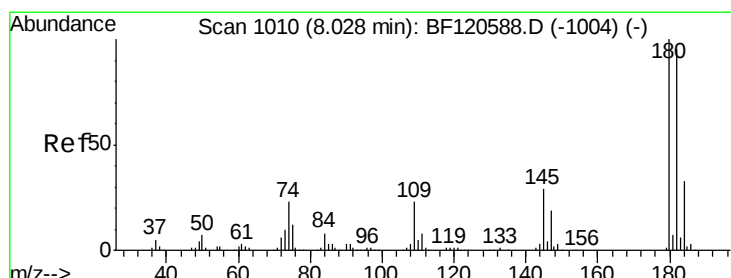
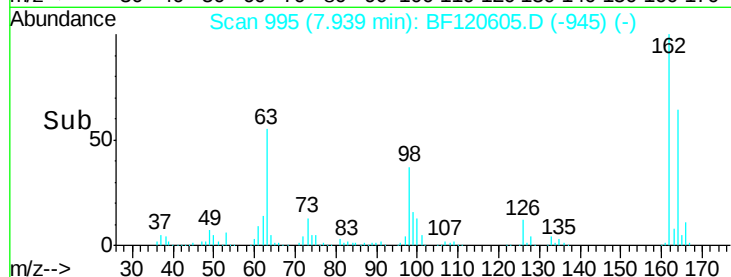
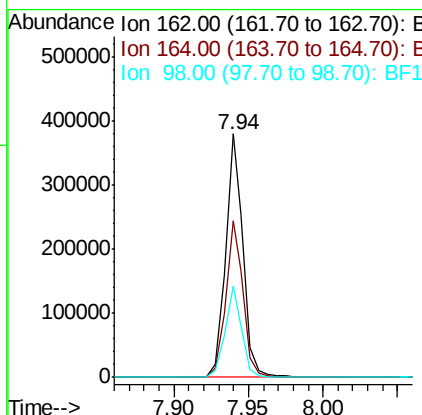
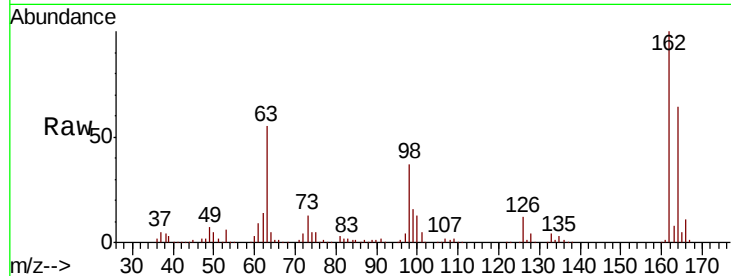
#29
 2,4-Dichlorophenol
 Concen: 39.197 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		311517		
164	64.4	44.1	84.1		
98	37.4	14.7	54.7		

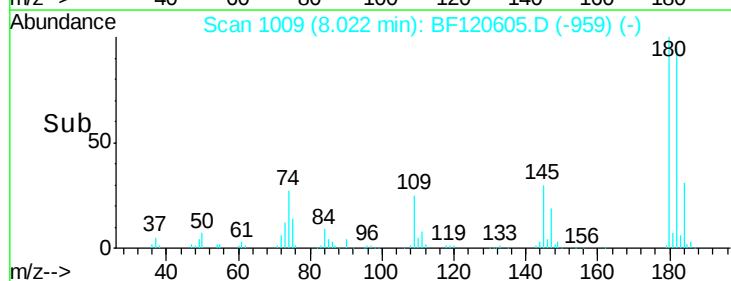
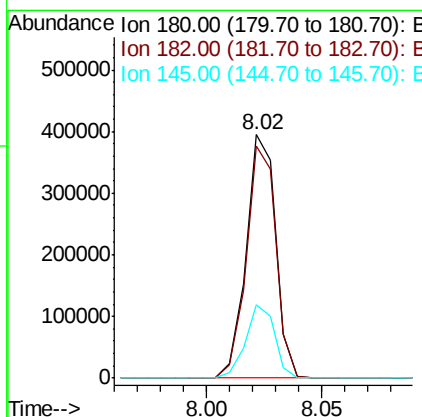
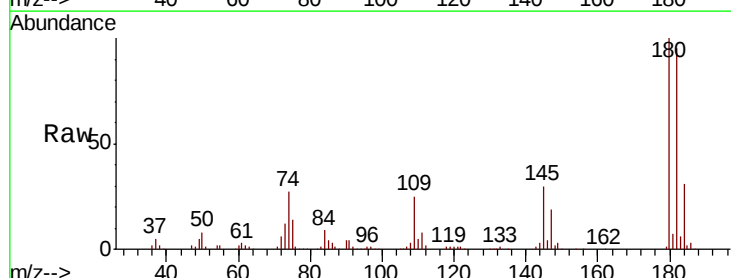
Manual Integrations
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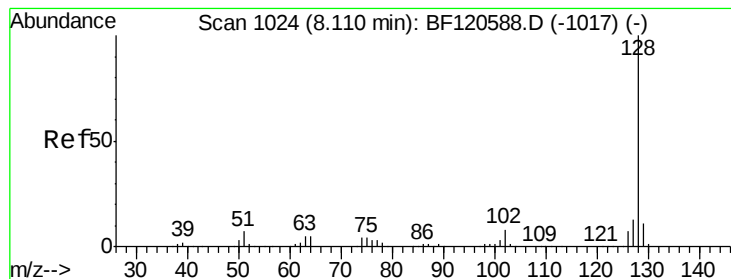
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.045 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		352697		
182	95.3	75.8	113.6		
145	30.4	23.0	34.6		





#31

Naphthalene

Concen: 40.919 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1077233

Ion Ratio Lower Upper

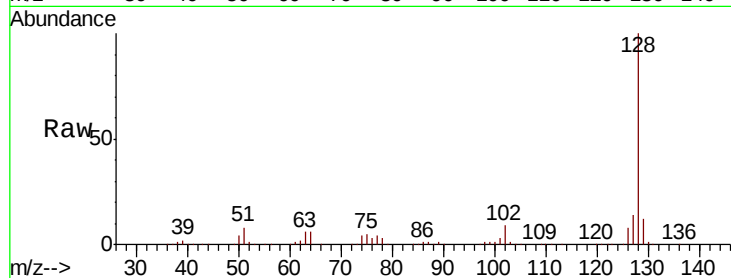
128 100

129 11.6 8.8 13.2

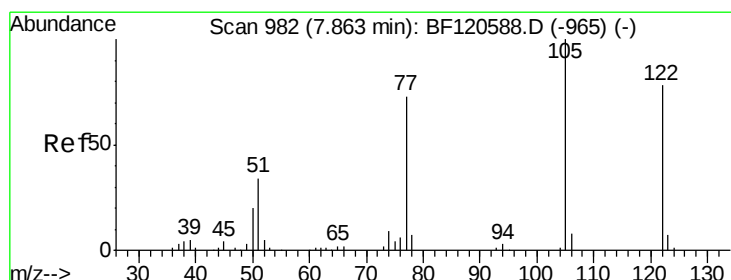
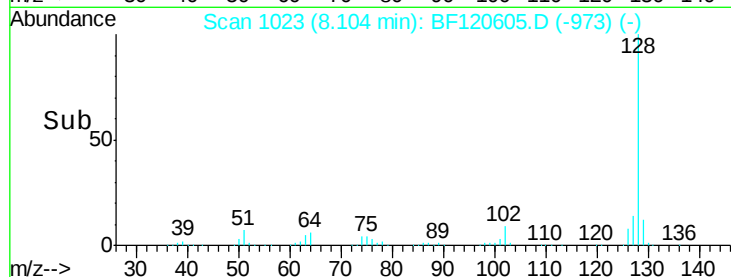
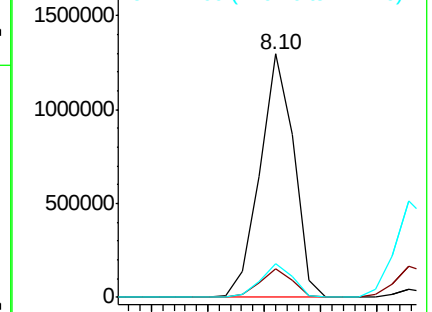
127 13.6 10.6 15.8

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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: 37.886 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

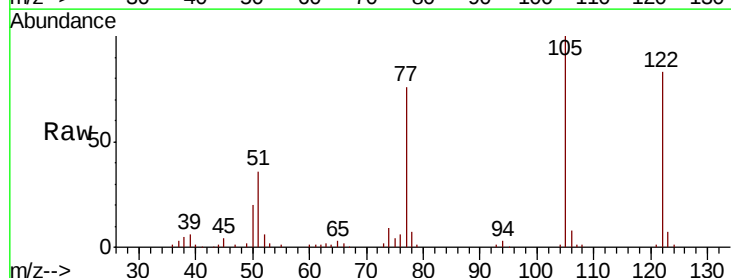
Tgt Ion:122 Resp: 227268

Ion Ratio Lower Upper

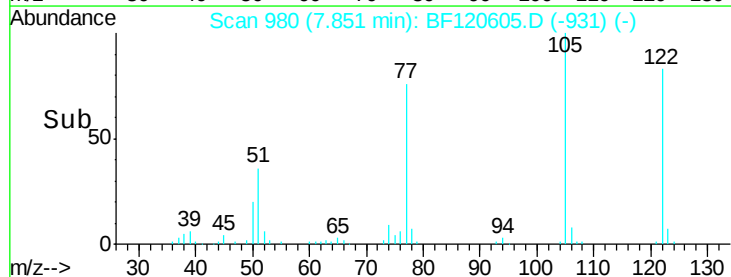
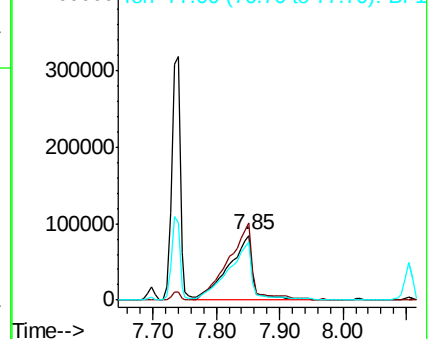
122 100

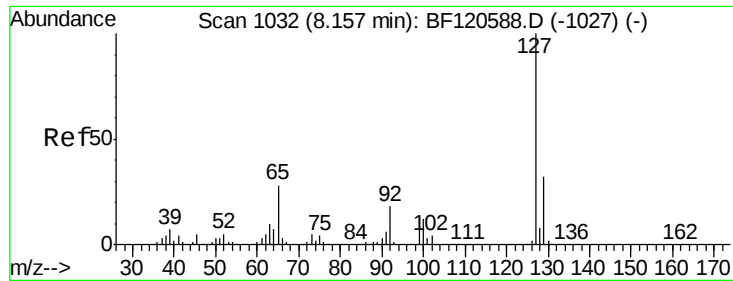
105 120.0 101.0 141.0

77 90.9 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





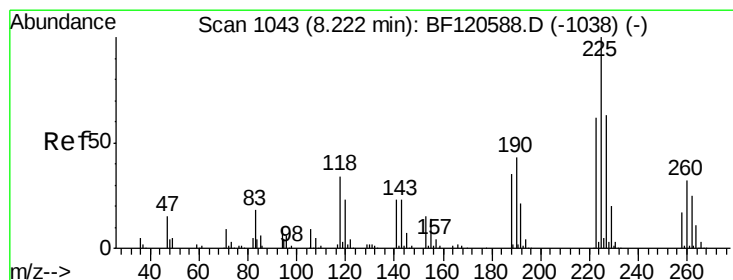
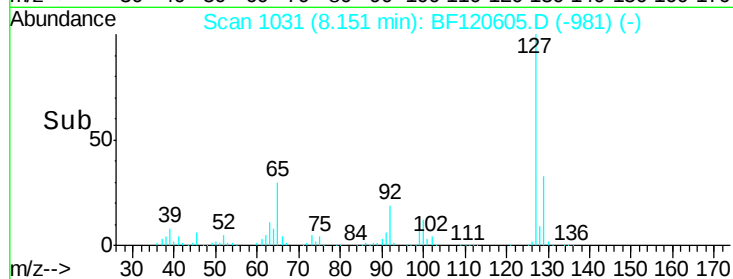
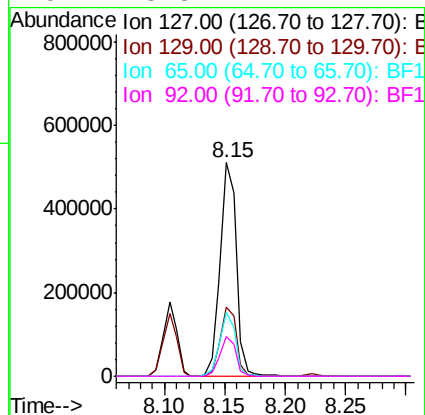
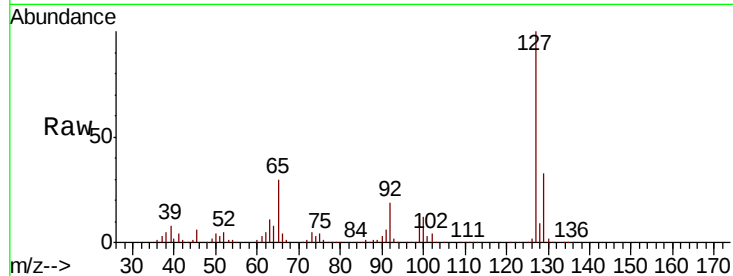
#33
4-Chloroaniline
Concen: 38.933 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		470453		
129	32.6	25.9	38.9		
65	30.0	22.2	33.4		
92	18.8	14.2	21.2		

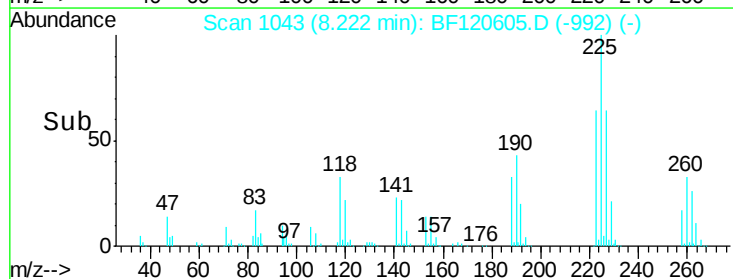
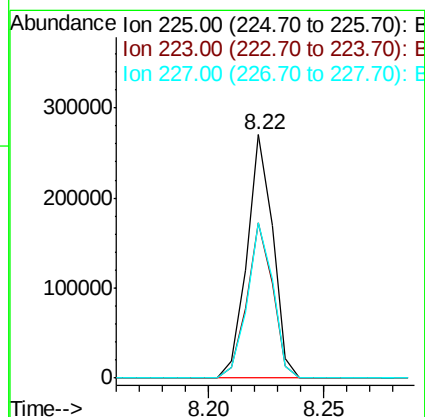
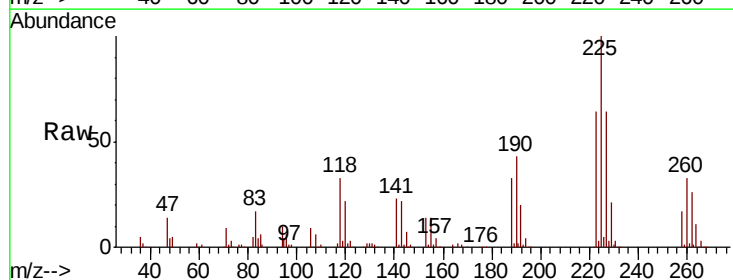
Manual Integrations
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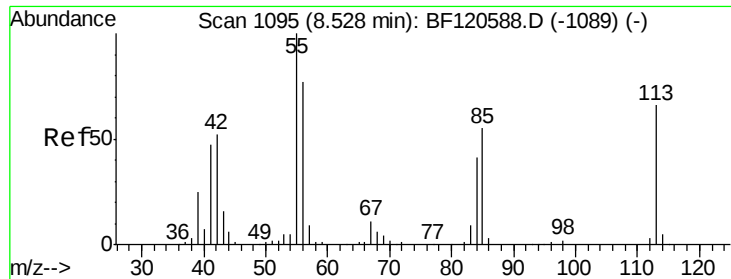
mohammad
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#34
Hexachlorobutadiene
Concen: 41.506 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		213087		
223	63.9	49.9	74.9		
227	63.7	50.5	75.7		





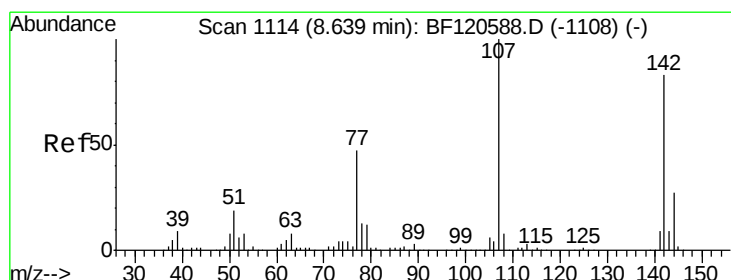
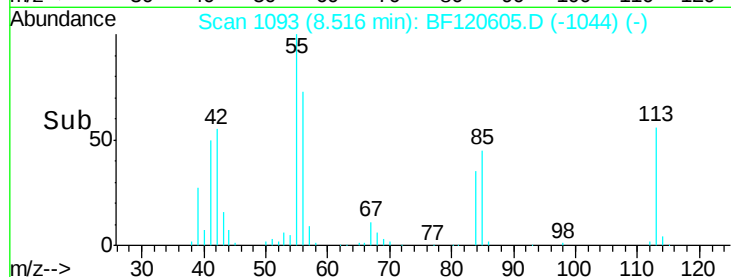
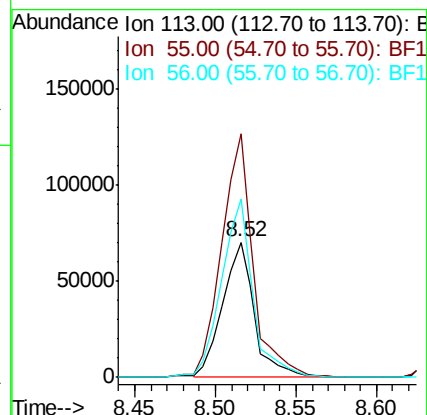
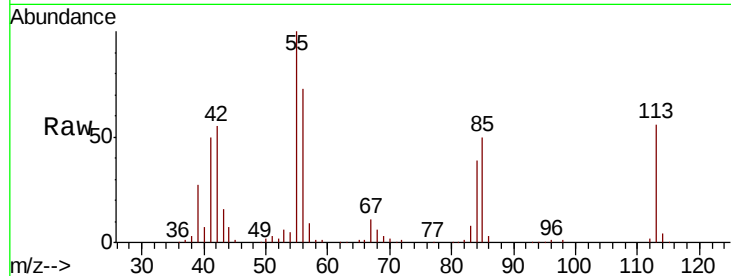
#35
Caprolactam
Concen: 38.008 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.1	133.1	173.1#
56	132.2	98.4	138.4

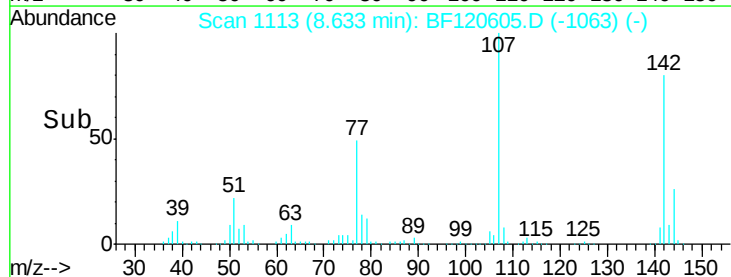
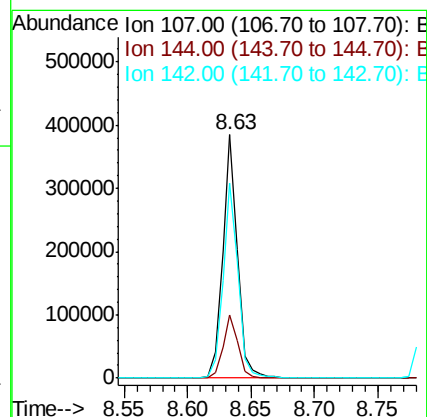
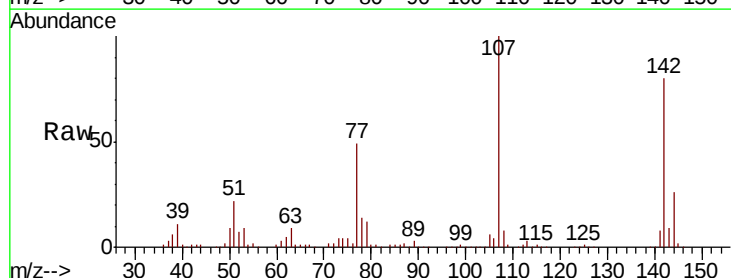
Manual Integrations
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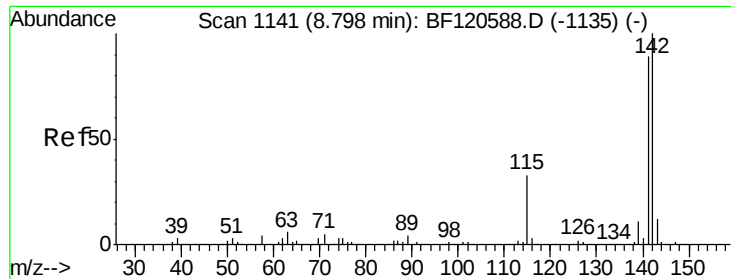
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.922 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.4	32.2
142	80.2	66.3	99.5





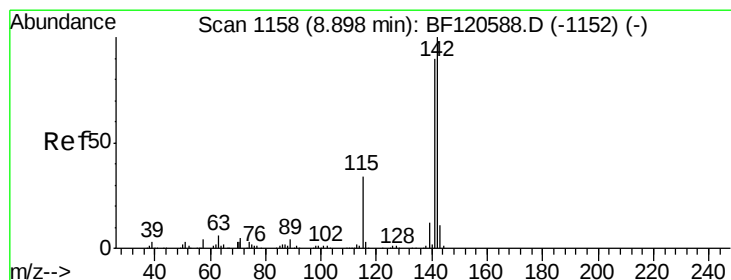
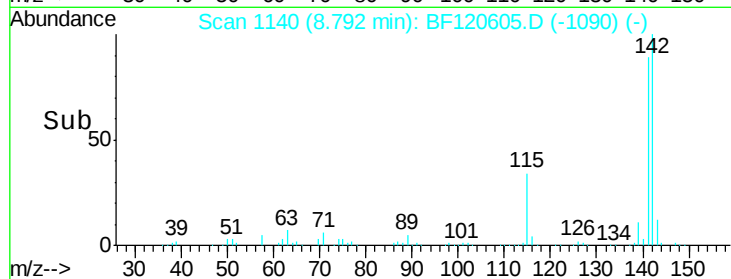
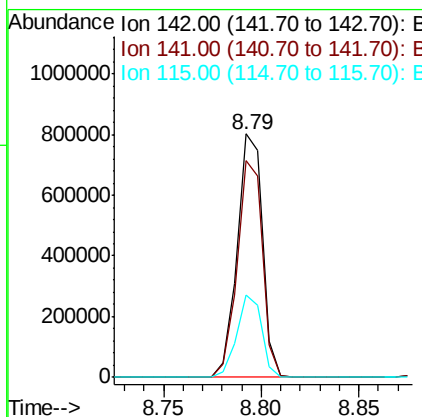
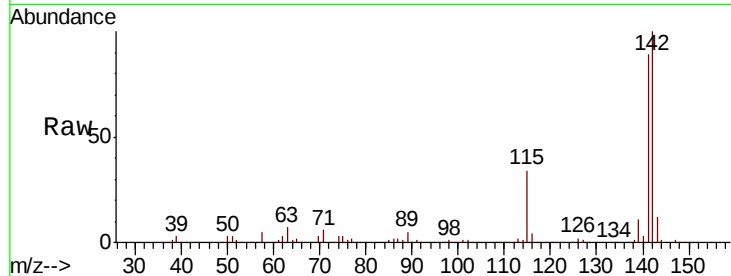
#37
2-Methylnaphthalene
Concen: 41.889 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0
115	33.7	26.1	39.1

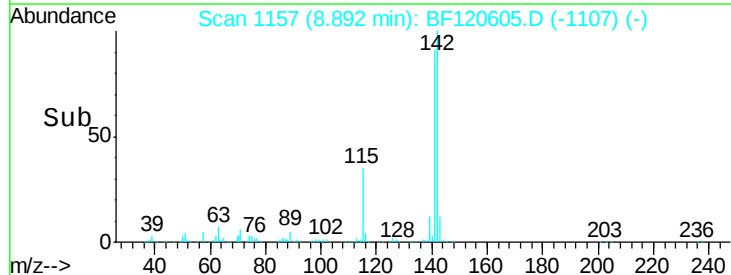
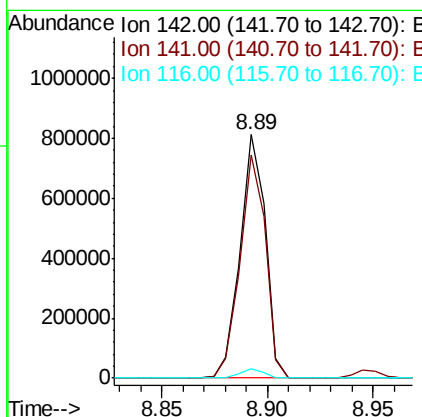
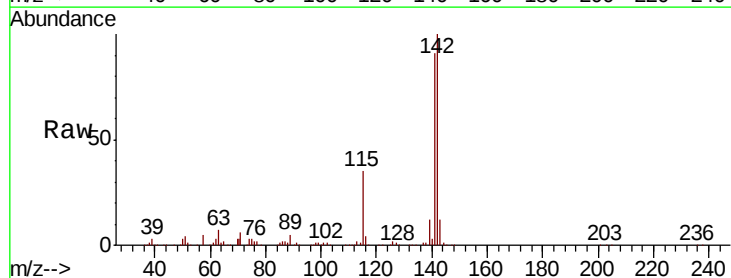
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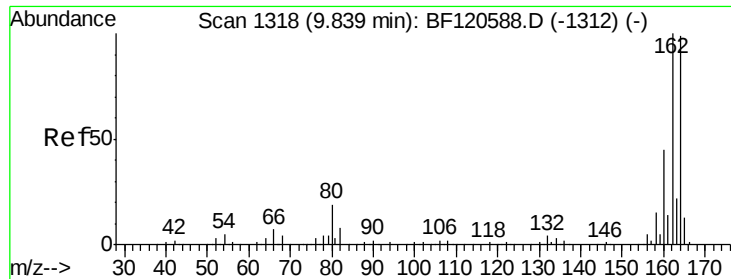
mohammad
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#38
1-Methylnaphthalene
Concen: 41.634 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.1	108.1
116	3.8	2.7	4.1





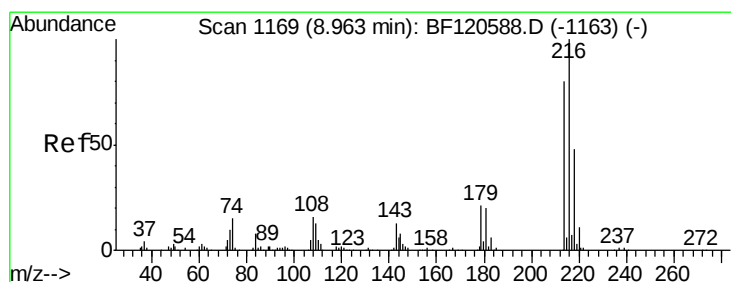
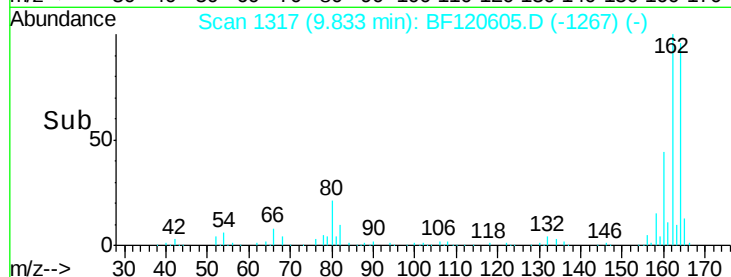
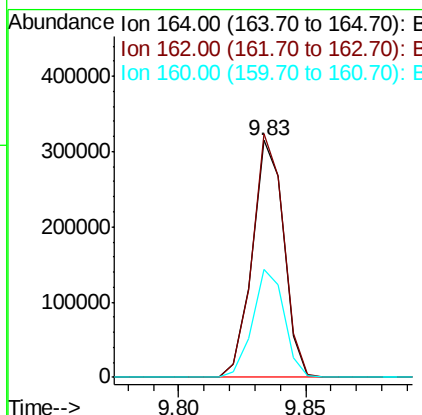
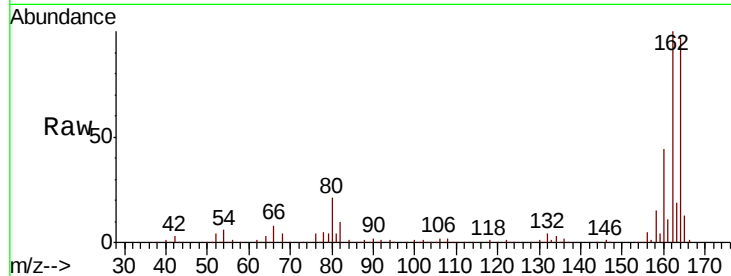
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	45.5	36.2	54.2

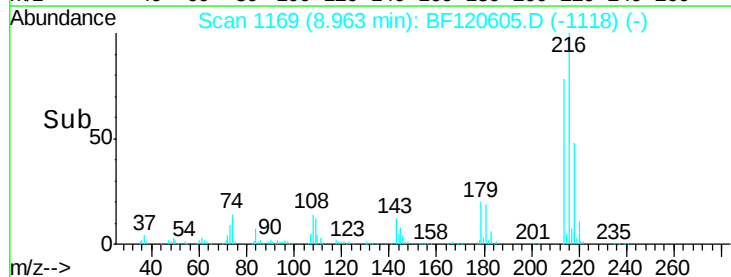
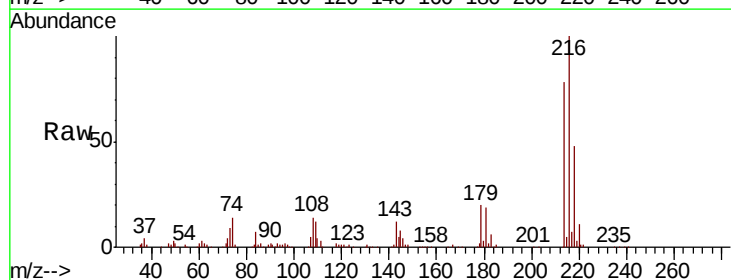
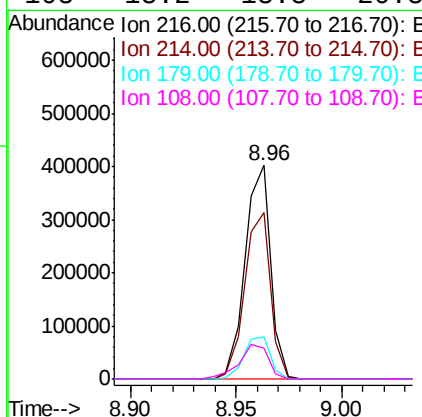
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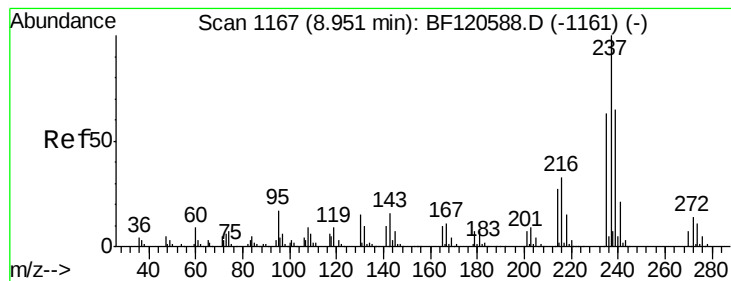
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.284 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	20.7	16.4	24.6
108	18.2	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 41.087 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

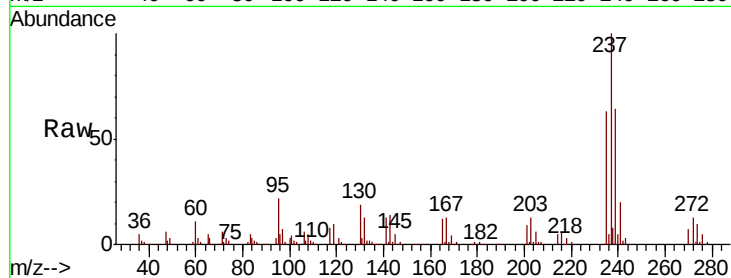
ClientSampleId :

SSTDCCC040EC

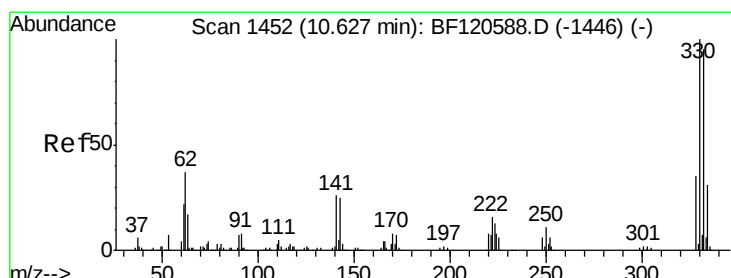
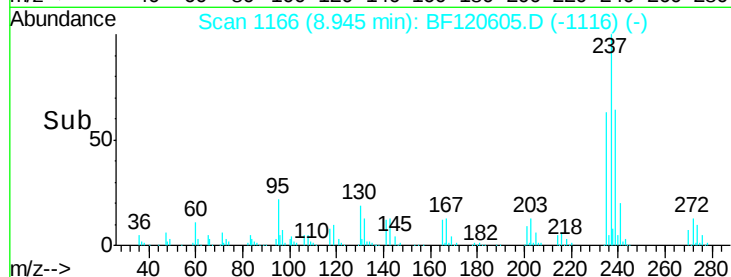
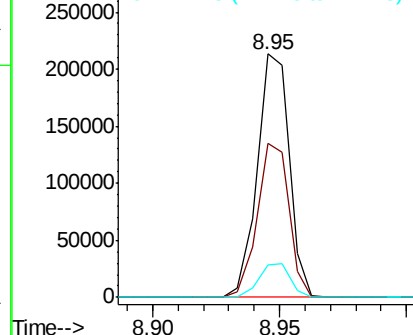
Tot Ion:	237	Resp:	188049
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.2	83.2
272	13.1	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.528 ng

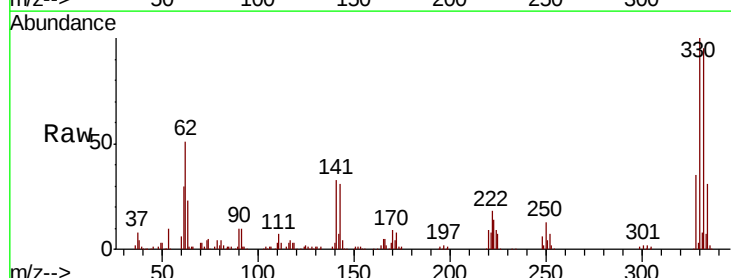
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

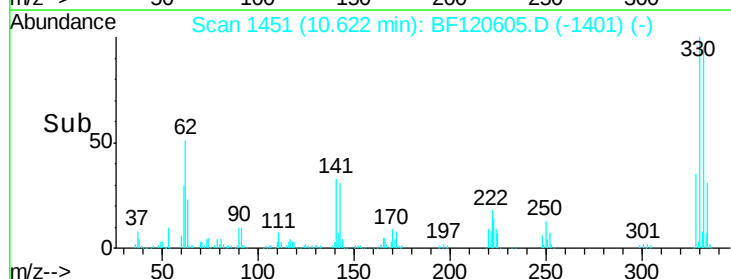
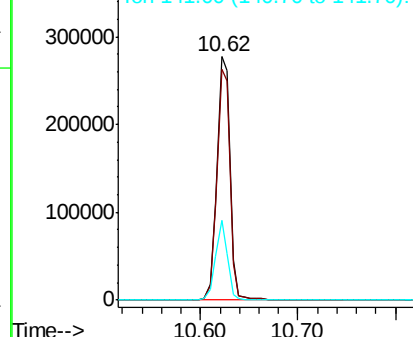
Lab File: BF120605.D

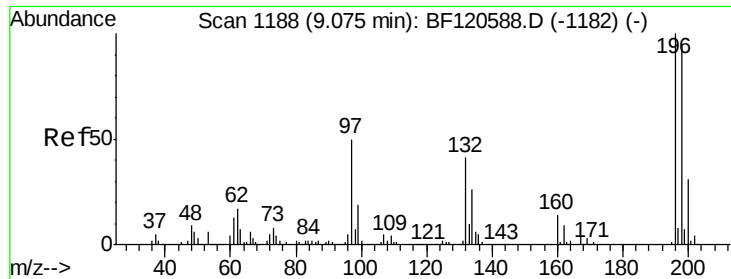
Acq: 11 Jun 2020 16:48

Tgt Ion:	330	Resp:	259276
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.8	115.2
141	29.8	23.2	34.8



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





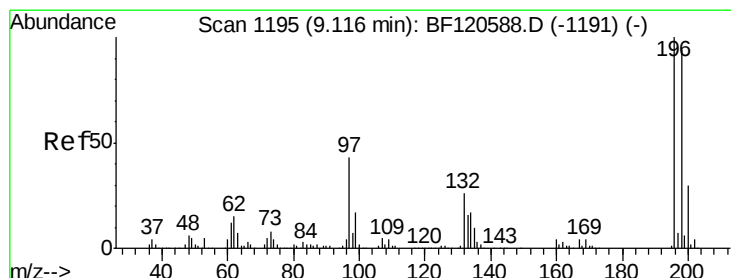
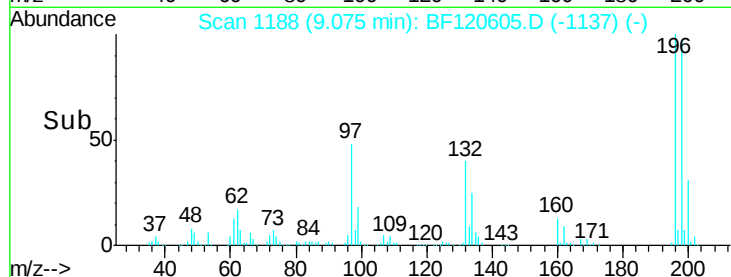
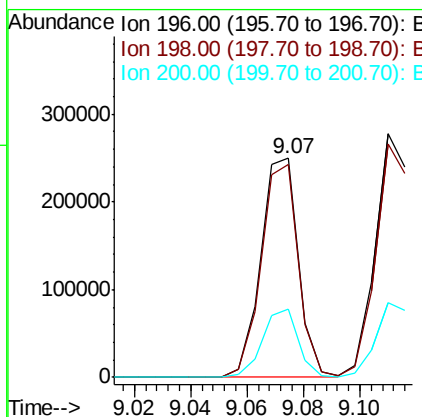
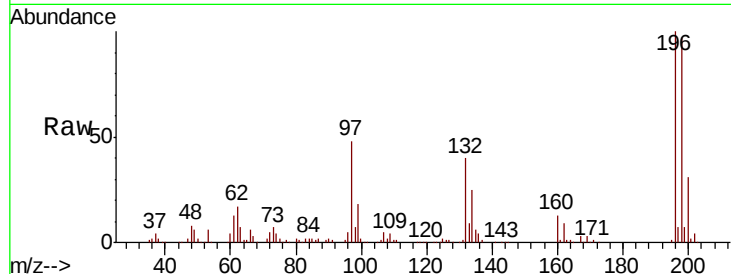
#43
 2,4,6-Trichlorophenol
 Concen: 39.838 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230807		
198	97.4	76.2	114.2	
200	31.1	24.6	37.0	

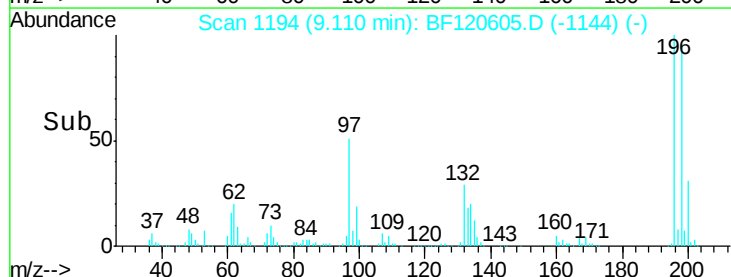
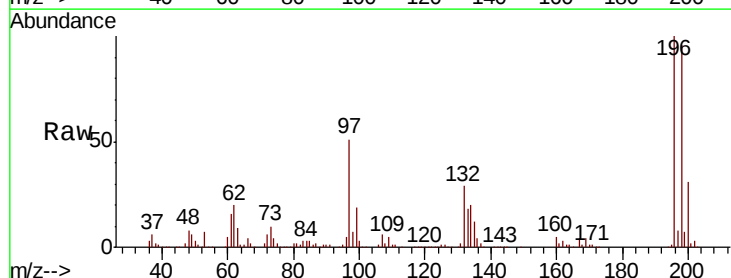
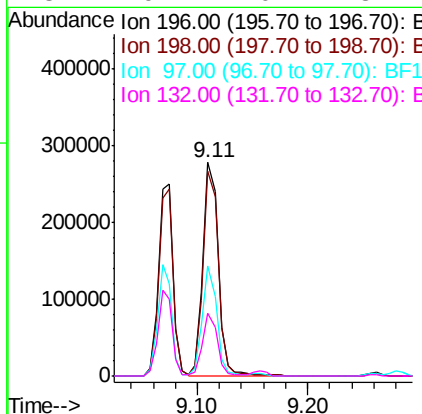
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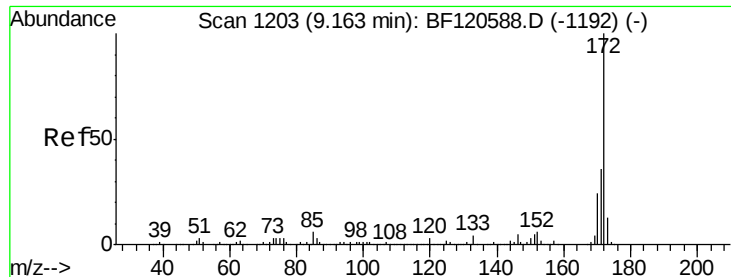
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.694 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260909		
198	95.9	75.5	113.3	
97	51.5	34.4	51.6	
132	29.4	20.7	31.1	





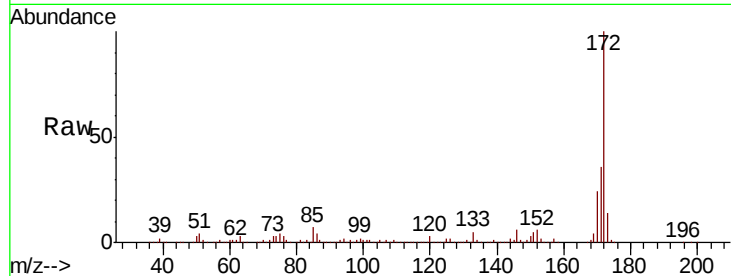
#45
2-Fluorobiphenyl
Concen: 78.909 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.0	43.4	
170	24.2	19.4	29.2	

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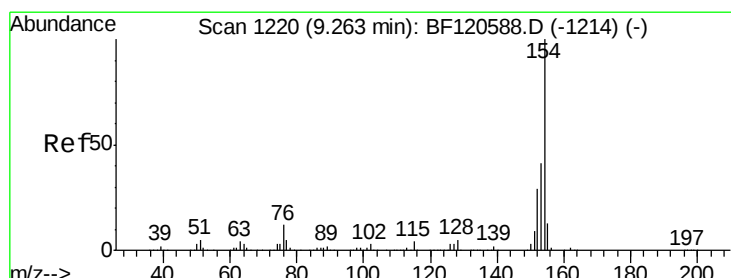
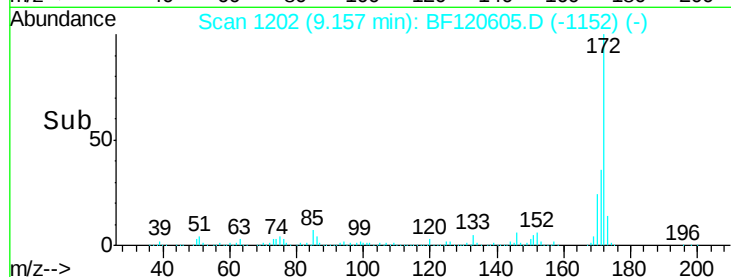
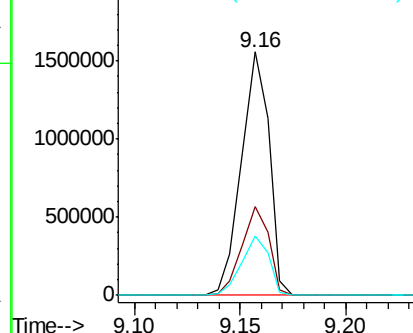


Abundance

Ion 172.00 (171.70 to 172.70): E

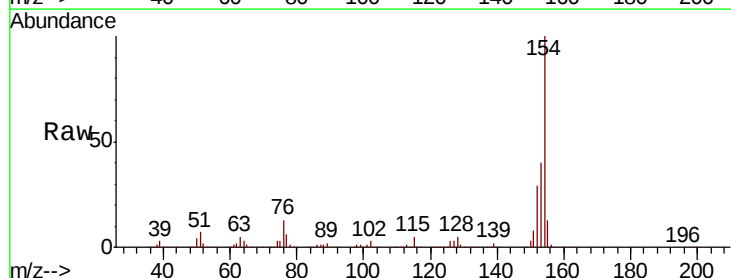
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.177 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.2	21.4	61.4	
76	12.9	0.0	31.6	

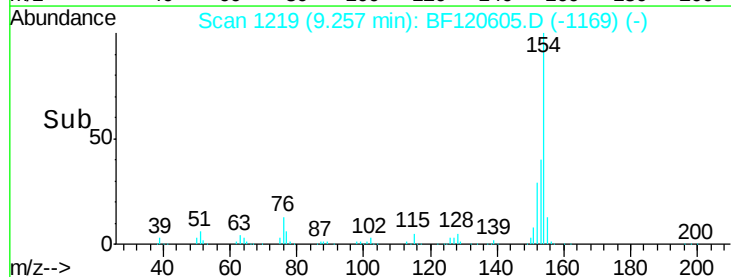
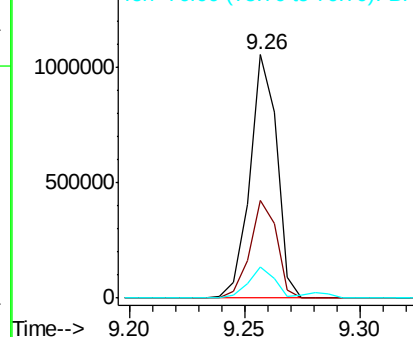


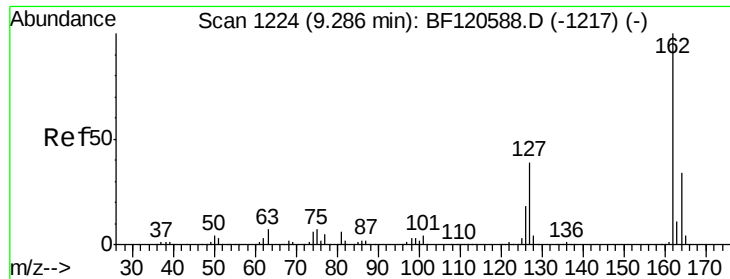
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





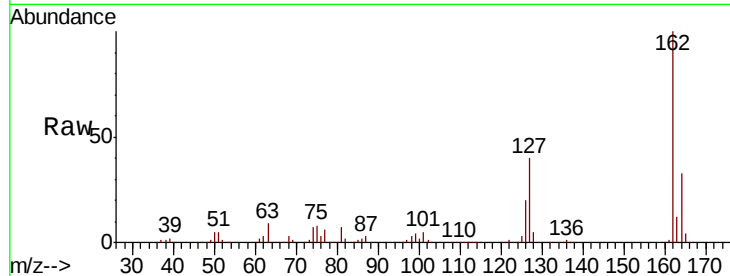
#47
2-Chloronaphthalene
Concen: 41.131 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

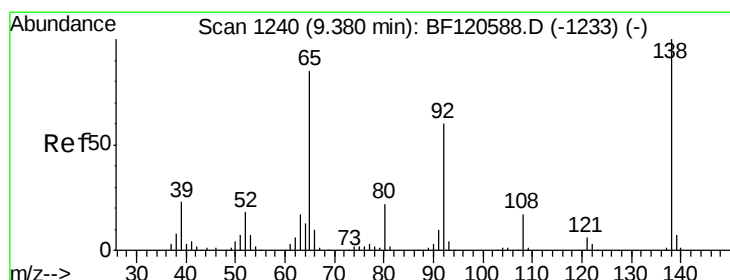
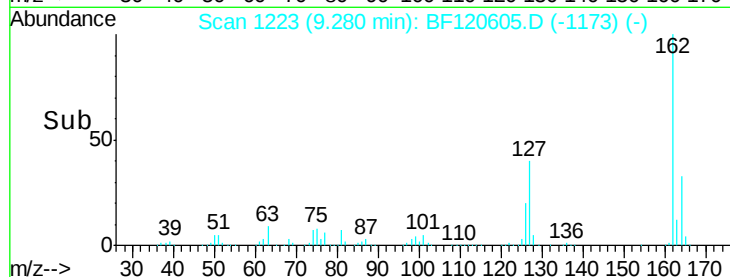
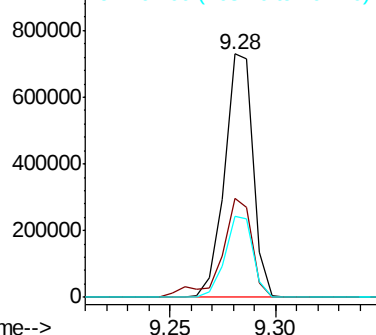
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.3	46.9
164	33.1	26.9	40.3

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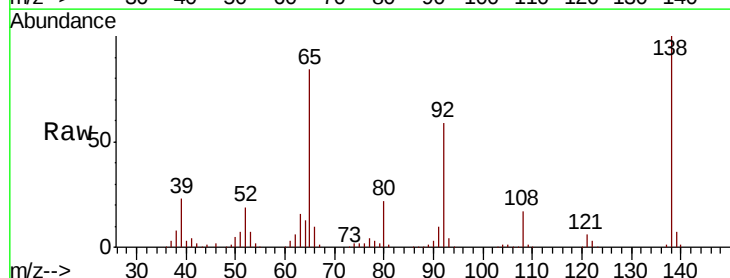


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

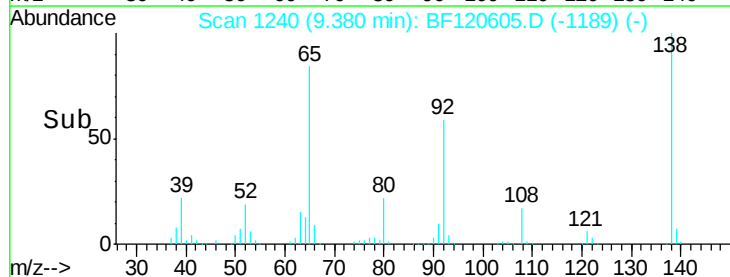
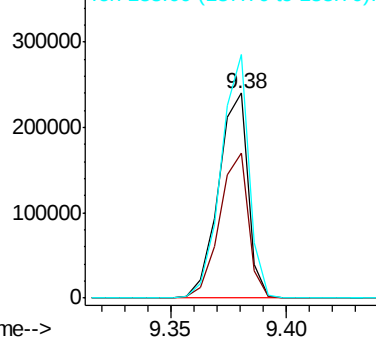


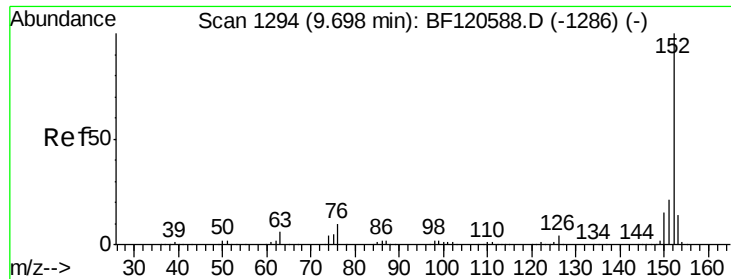
#48
2-Nitroaniline
Concen: 41.108 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.0	84.0
138	118.9	94.0	141.0



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





#49

Acenaphthylene

Concen: 41.169 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1061199

Ion Ratio Lower Upper

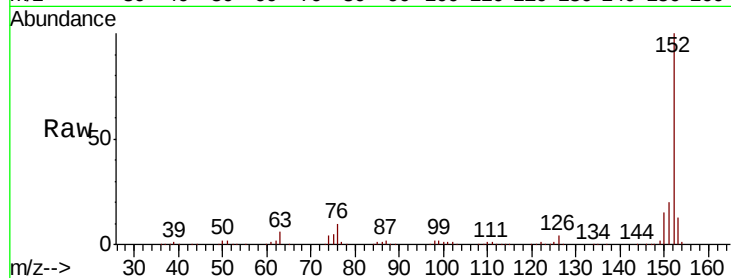
152 100

151 20.4 16.6 25.0

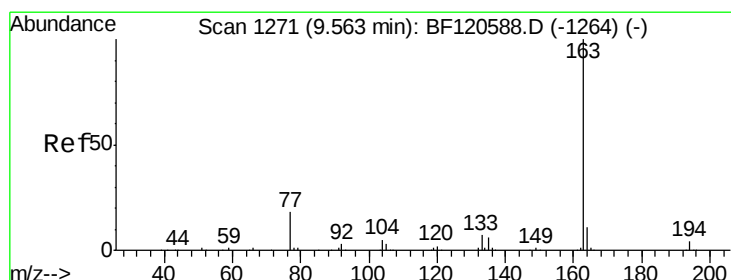
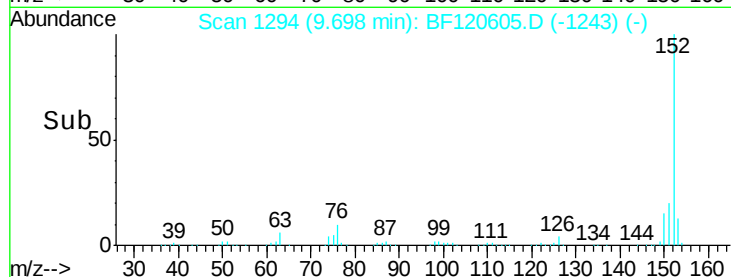
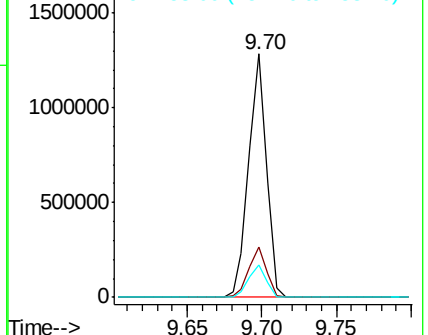
153 13.4 11.0 16.6

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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: 39.530 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

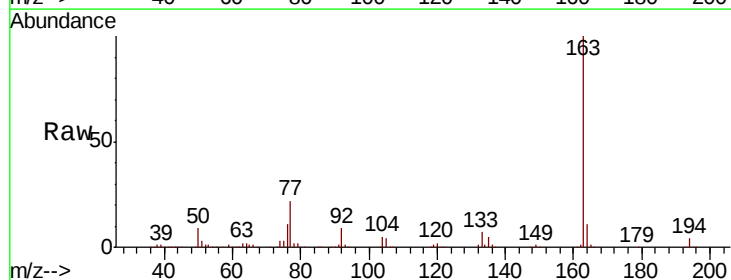
Tgt Ion:163 Resp: 778740

Ion Ratio Lower Upper

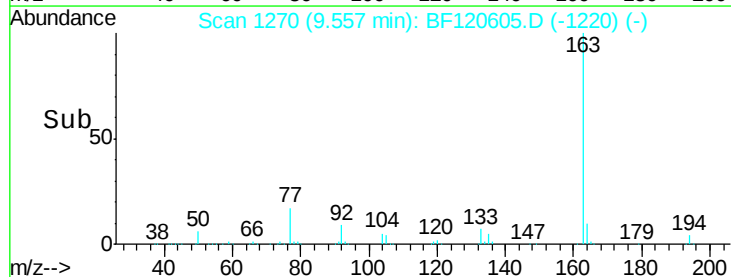
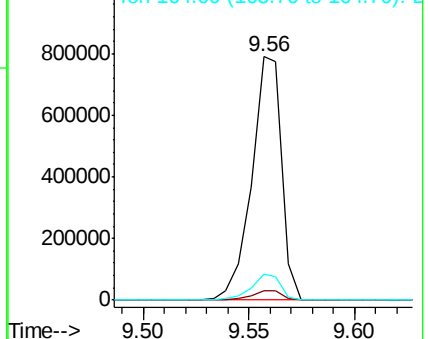
163 100

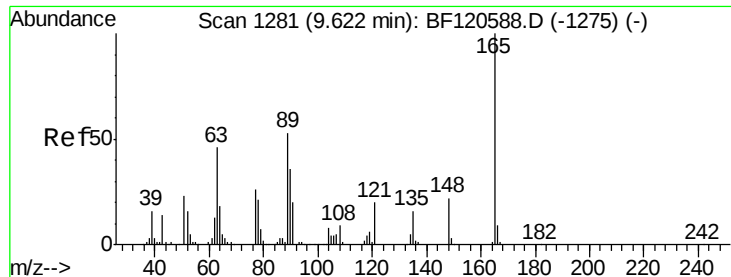
194 3.9 3.1 4.7

164 10.7 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





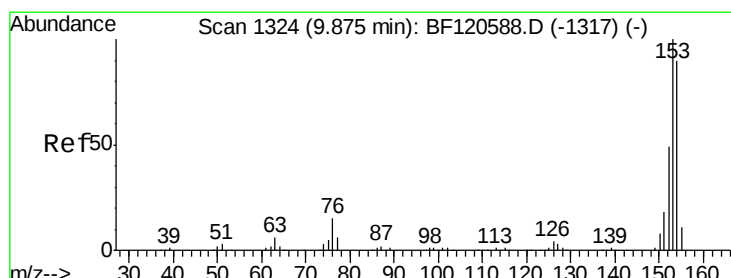
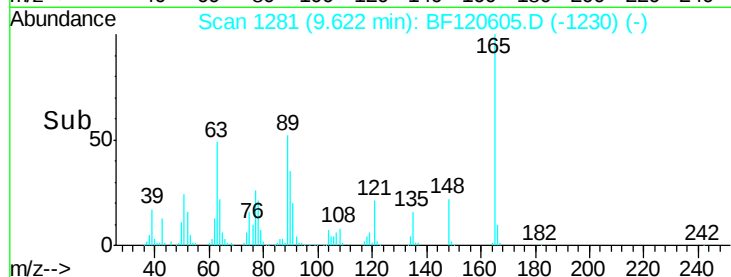
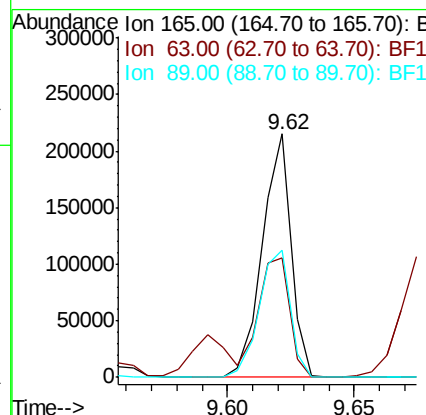
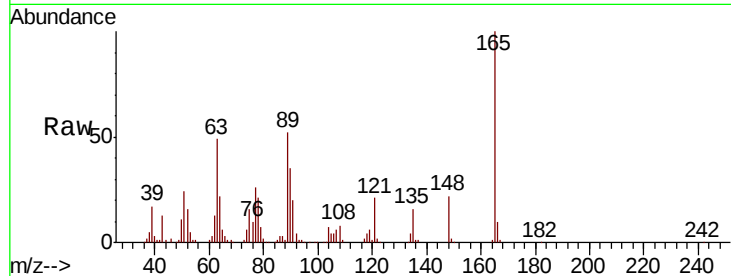
#51
2,6-Dinitrotoluene
Concen: 38.351 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171222		
63	48.8		41.7	62.5
89	52.1		42.6	64.0

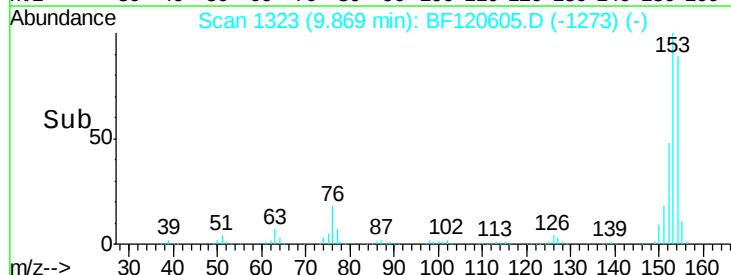
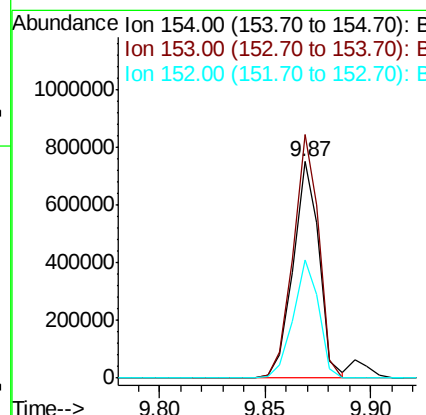
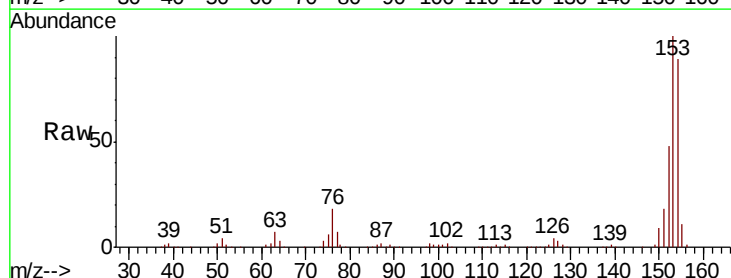
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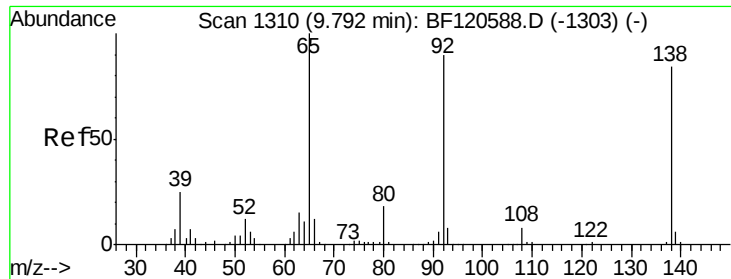
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#52
Acenaphthene
Concen: 42.021 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	646000		
153	112.4		89.1	133.7
152	54.5		43.7	65.5





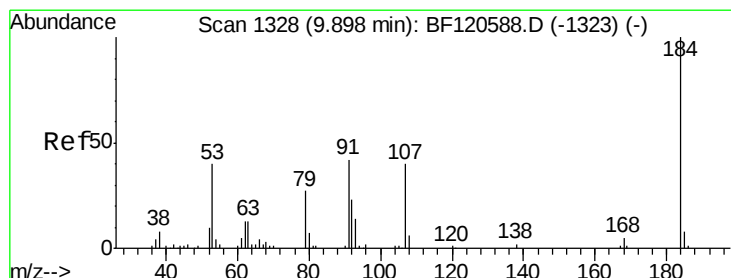
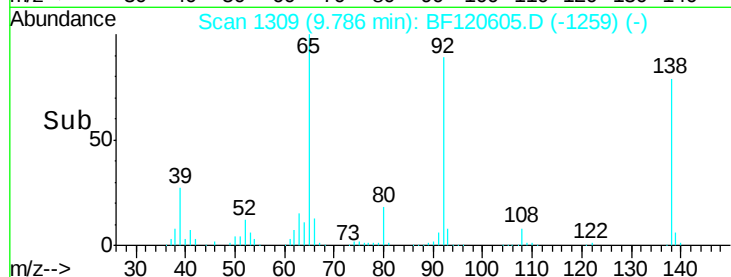
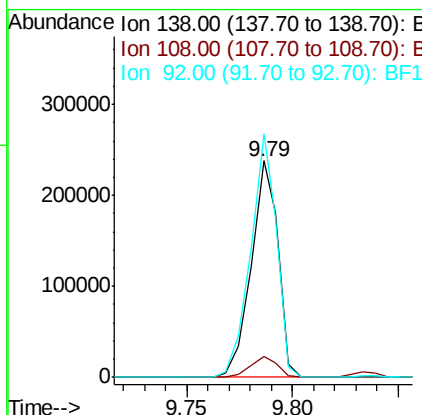
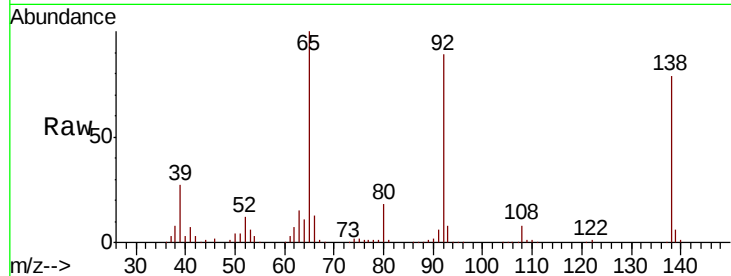
#53
 3-Nitroaniline
 Concen: 39.066 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	112.6	86.0	129.0

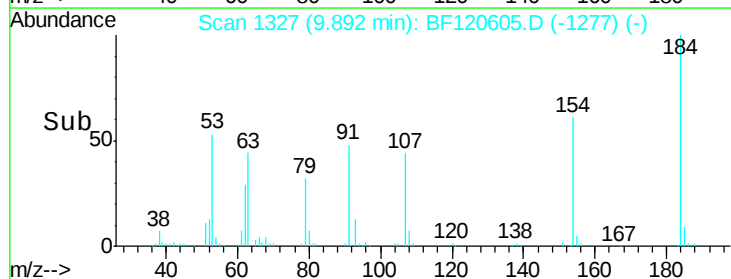
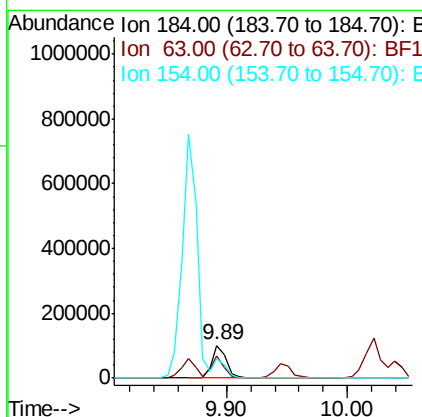
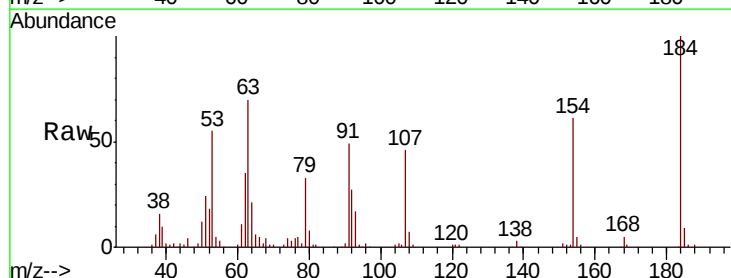
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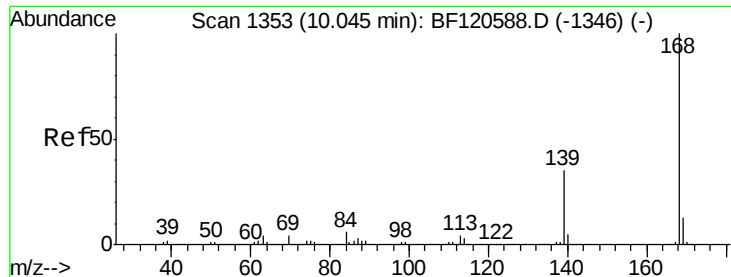
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#54
 2,4-Dinitrophenol
 Concen: 34.699 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	44.2	66.2#
154	61.2	45.9	68.9





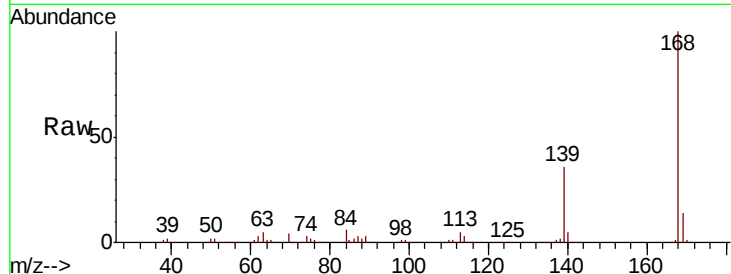
#55
Dibenzenofuran
Concen: 41.120 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.1	42.1
169	14.0	10.6	16.0

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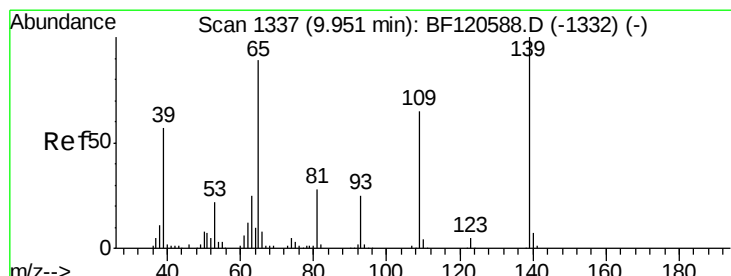
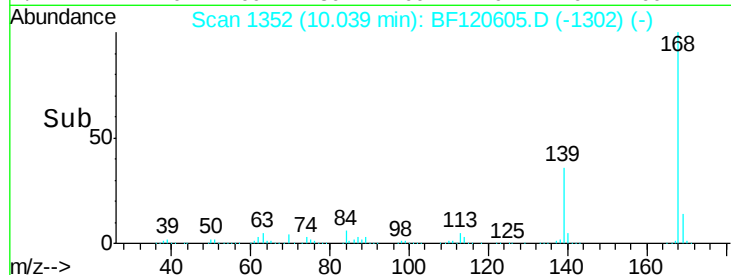
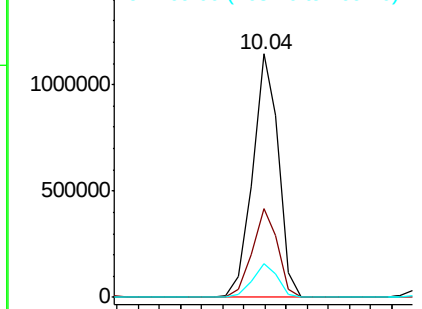


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 37.860 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

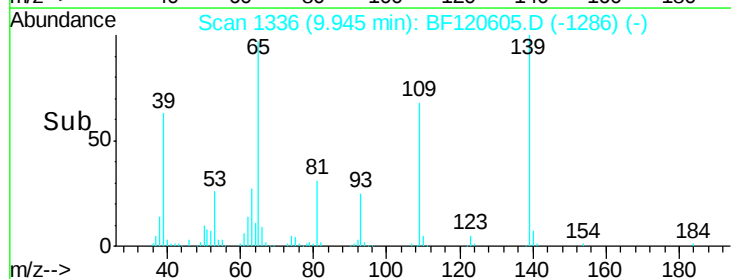
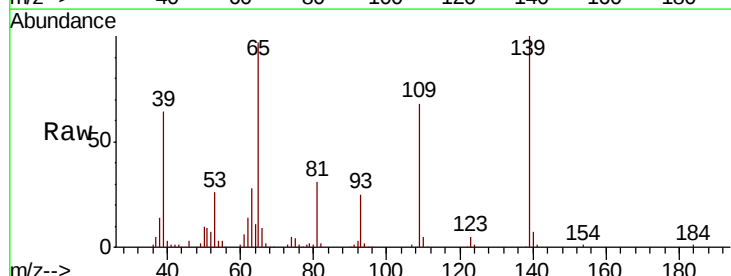
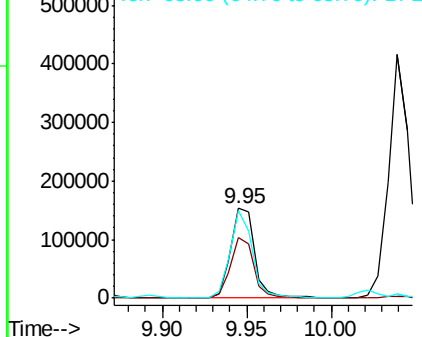
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	44.6	84.6
65	97.4	69.2	109.2

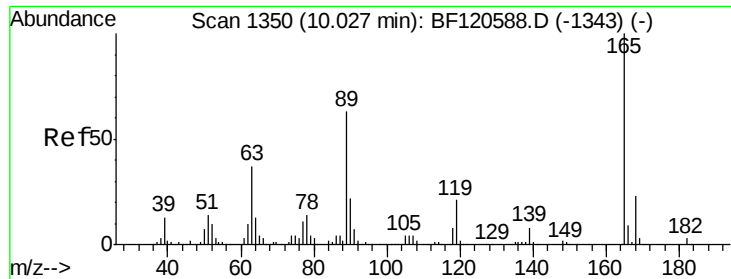
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





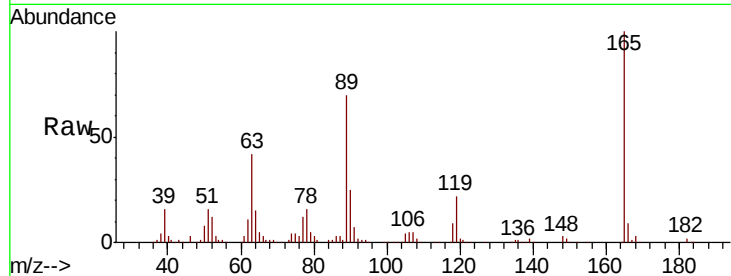
#57
2,4-Dinitrotoluene
Concen: 39.194 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

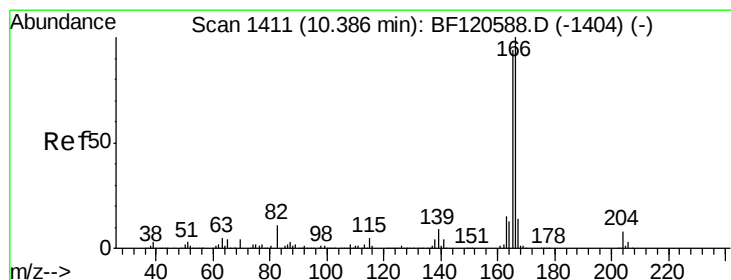
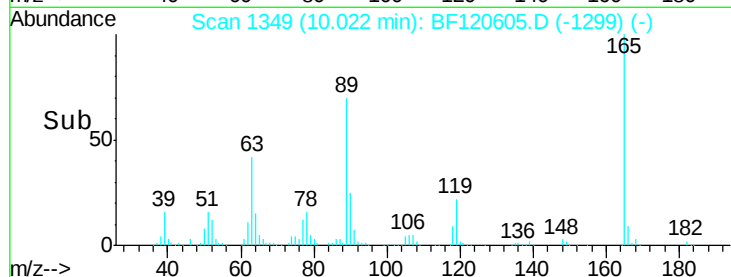
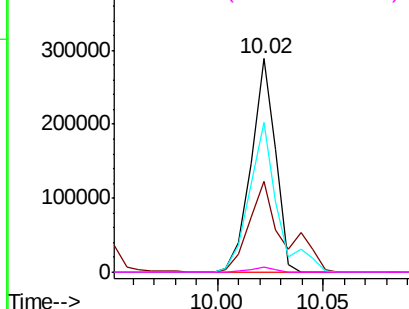
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	29.8	44.8
89	70.0	50.4	75.6
182	2.5	2.1	3.1

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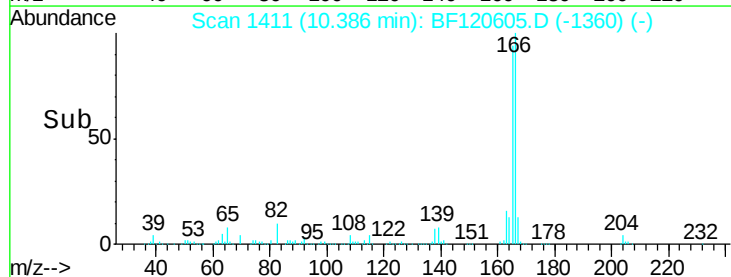
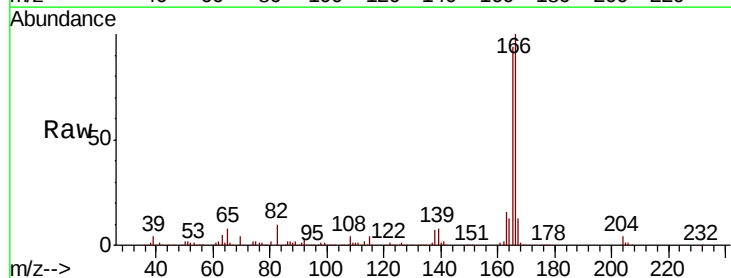
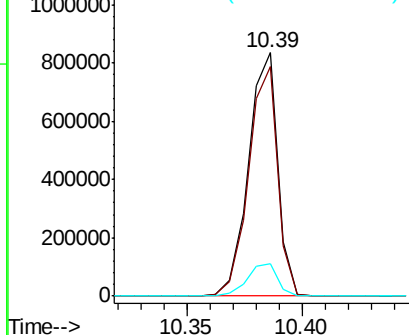
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

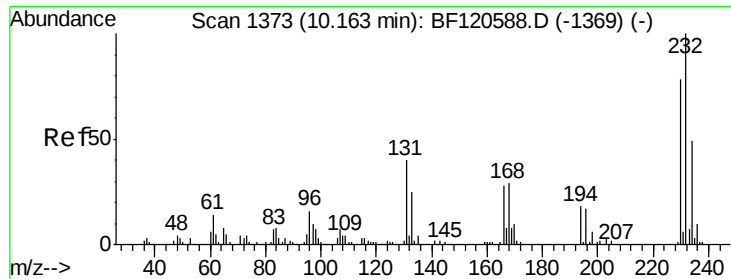


#58
Fluorene
Concen: 40.716 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.0	112.6
167	13.3	11.0	16.4

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





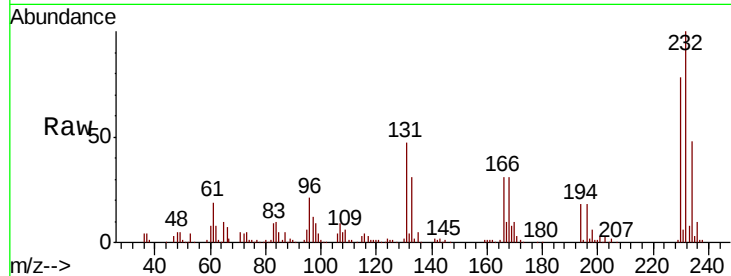
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.362 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

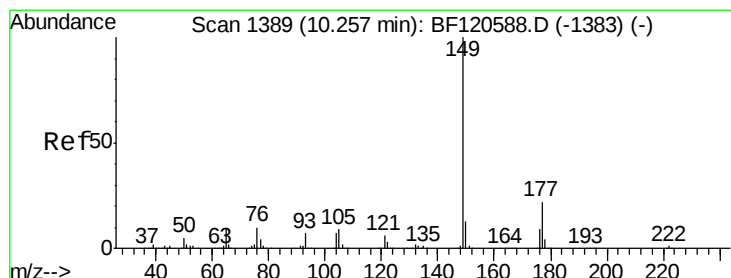
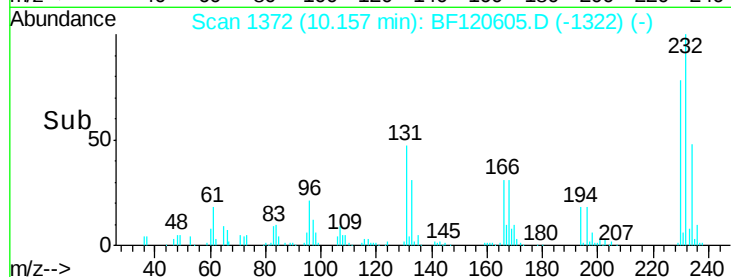
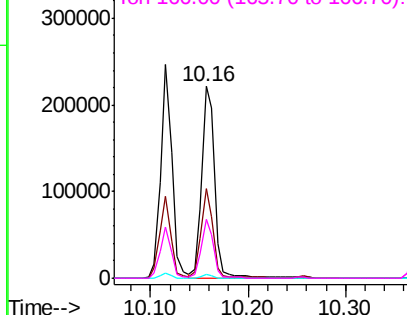
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.5	50.3
130	1.9	1.5	2.3
166	29.0	23.4	35.0

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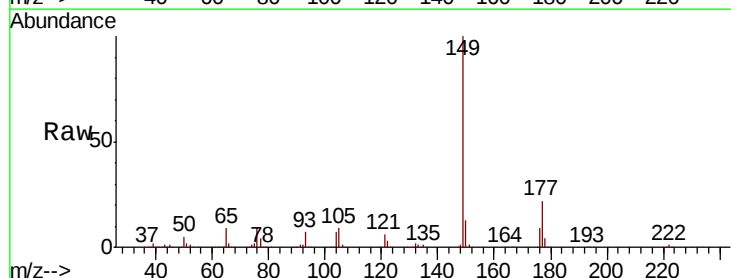


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

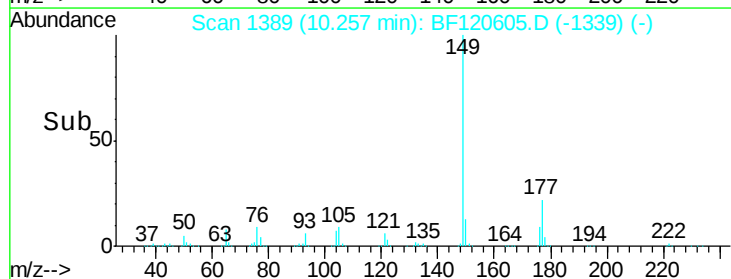
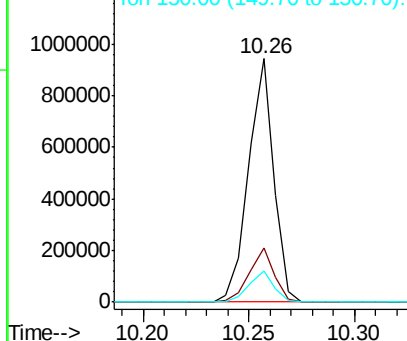


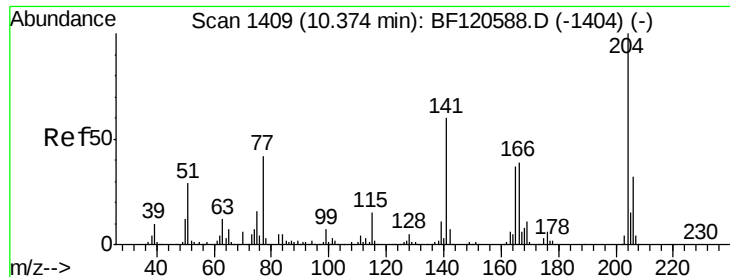
#60
 Diethylphthalate
 Concen: 40.393 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.7	10.3	15.5



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





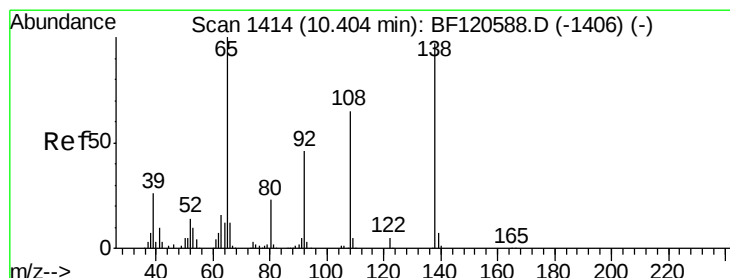
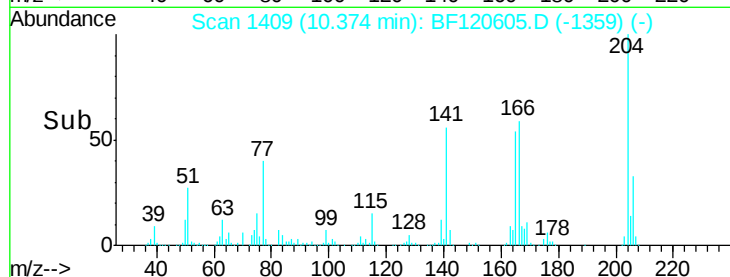
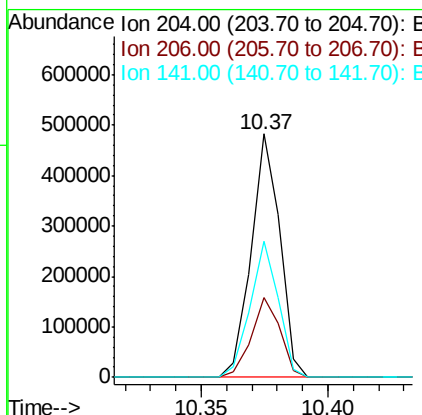
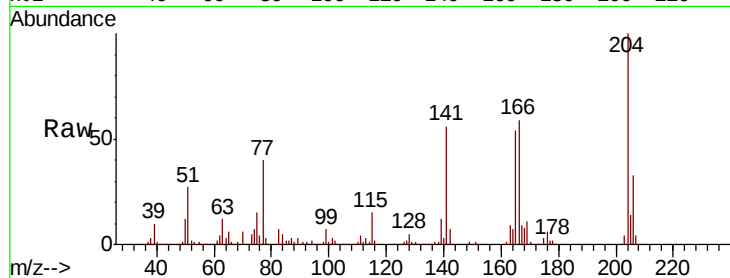
#61
4-Chlorophenyl-phenylether
Concen: 40.582 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	55.9	47.6	71.4

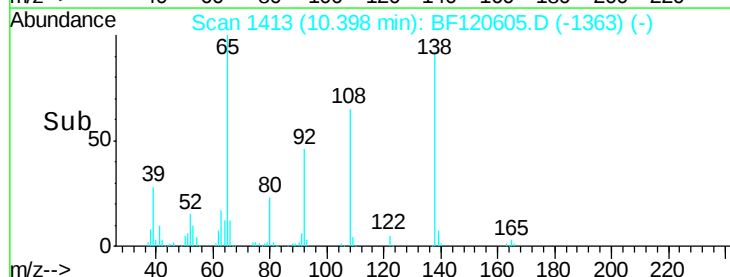
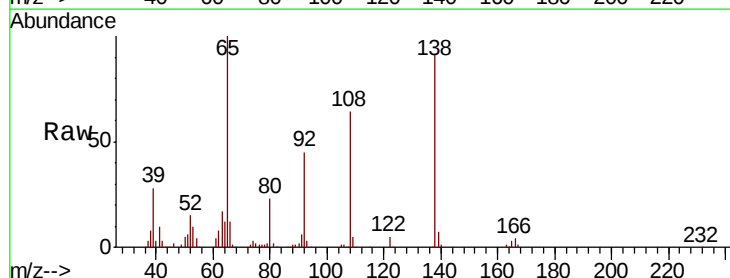
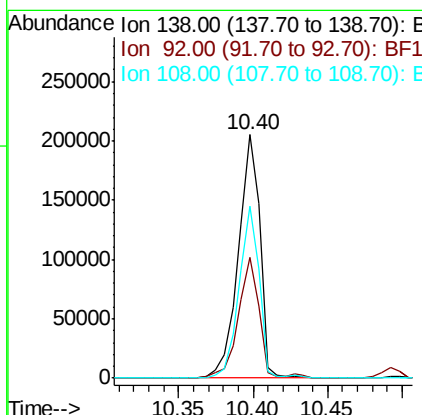
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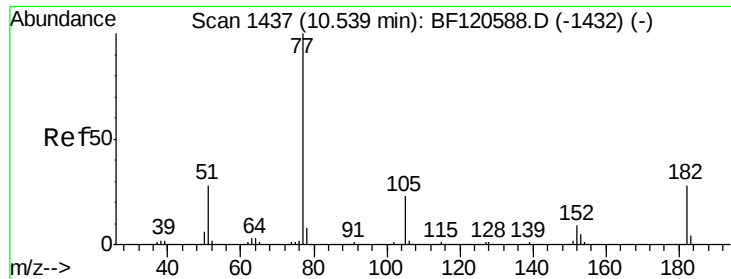
mohammad
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#62
4-Nitroaniline
Concen: 38.850 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	27.3	67.3
108	70.5	47.4	87.4





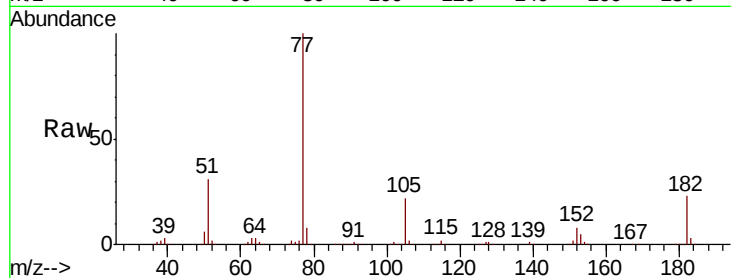
#63
Azobenzene
Concen: 42.411 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

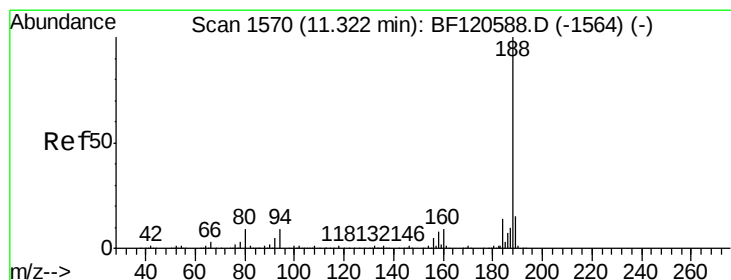
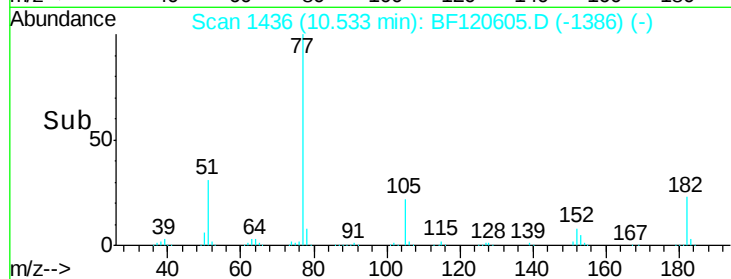
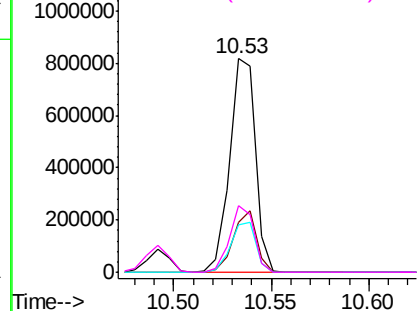
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.3	7.7	47.7	
105	22.4	3.2	43.2	
51	31.0	8.5	48.5	

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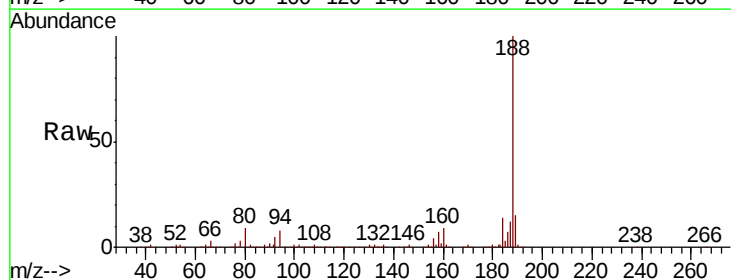


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

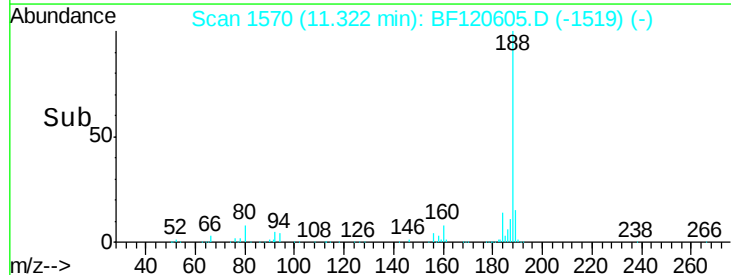
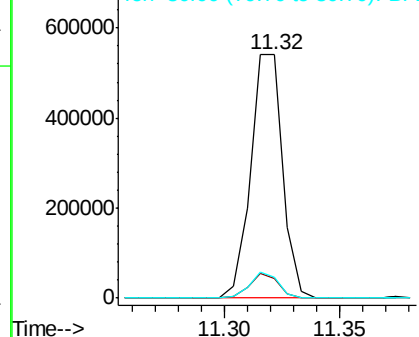


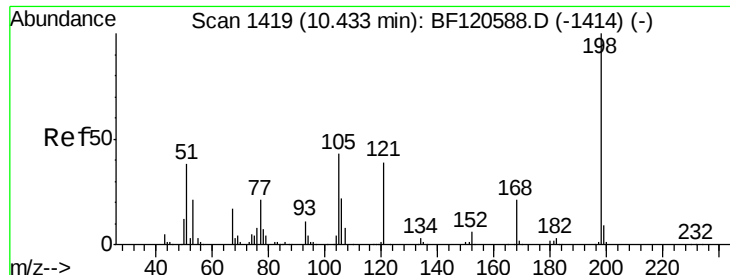
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.2	10.8	
80	8.6	7.4	11.2	



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





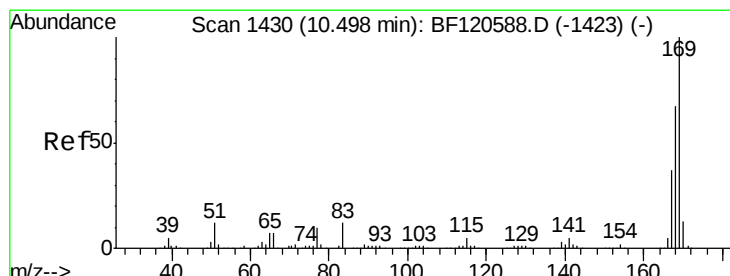
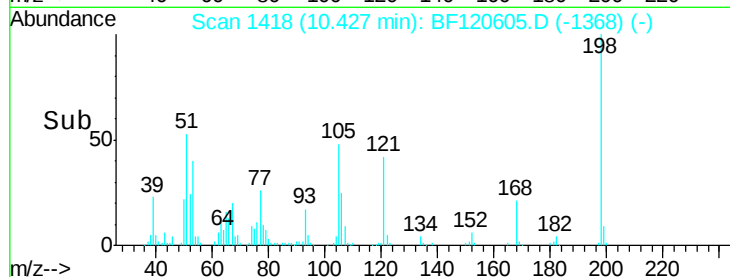
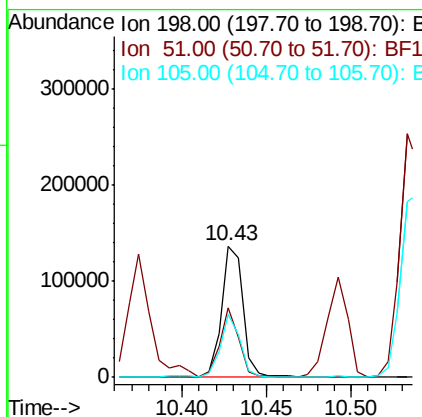
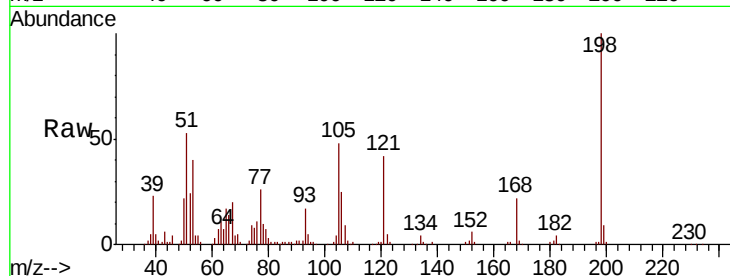
#65
4,6-Dinitro-2-methylphenol
Concen: 38.823 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	121636		
51	52.9	24.8	64.8	
105	48.2	23.9	63.9	

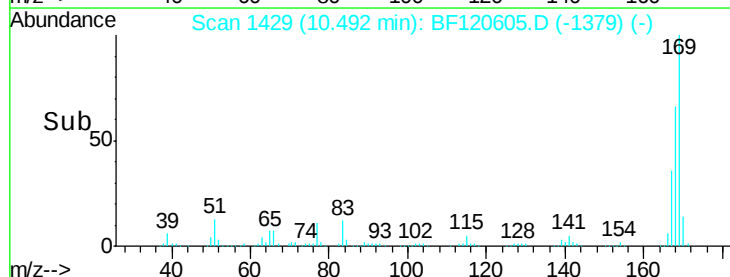
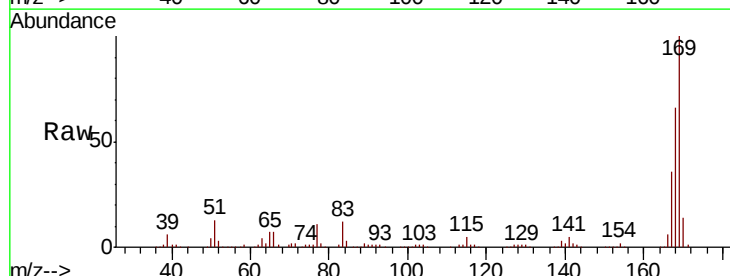
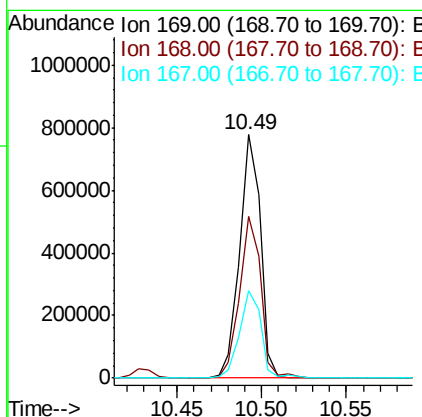
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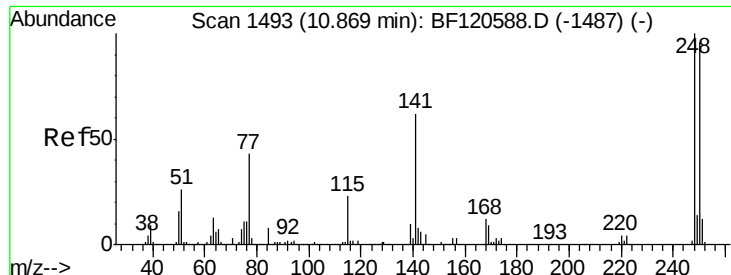
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.580 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	666722		
168	66.2	53.7	80.5	
167	36.2	29.9	44.9	





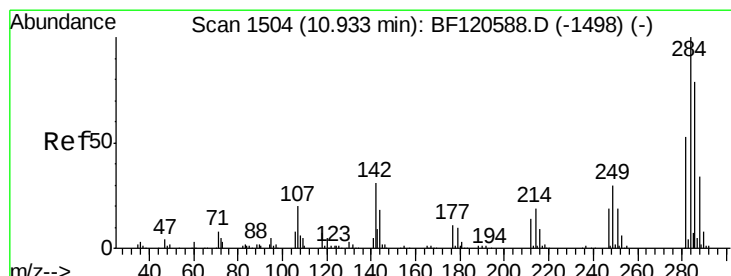
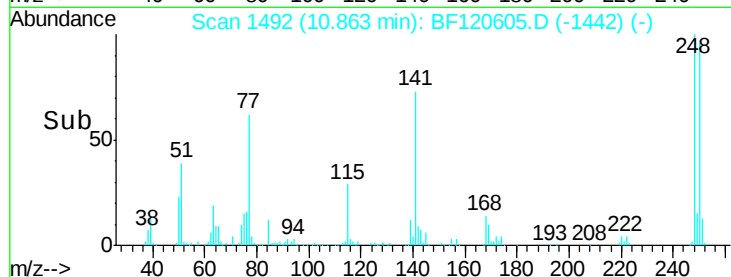
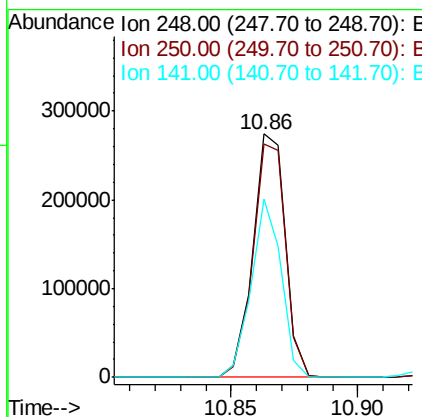
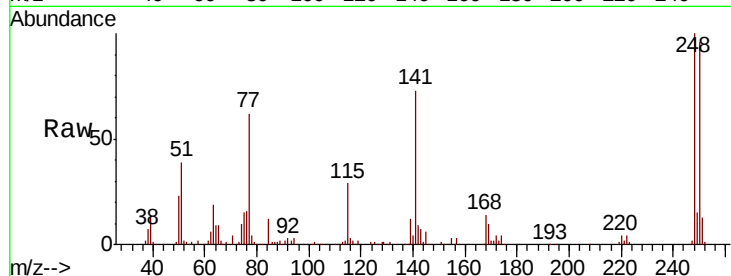
#67
 4-Bromophenyl-phenylether
 Concen: 41.208 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.7	115.1
141	73.3	49.4	74.0

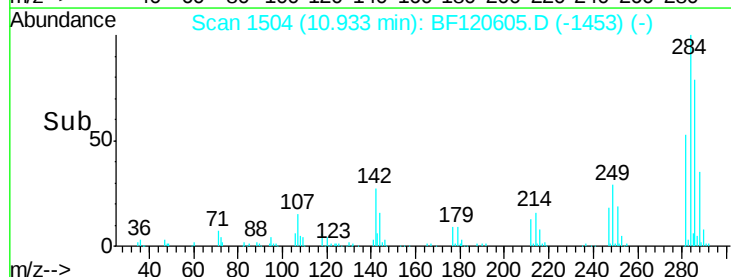
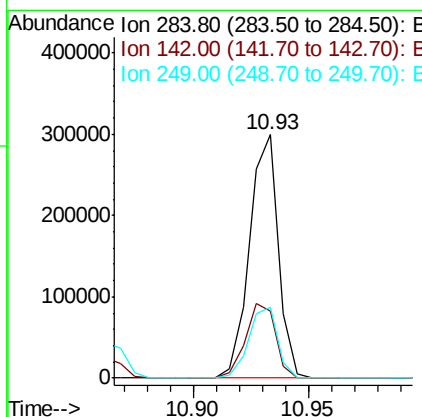
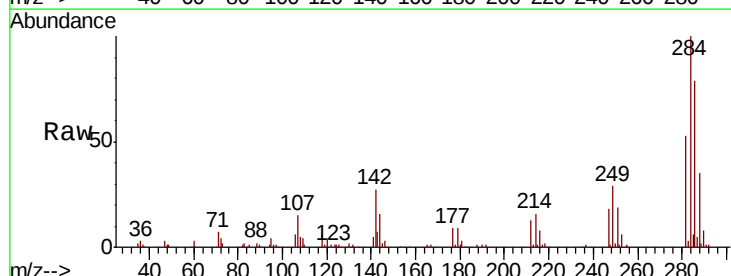
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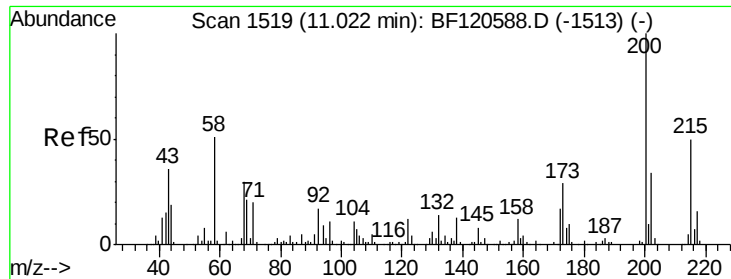
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#68
 Hexachlorobenzene
 Concen: 41.073 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	25.1	37.7
249	29.2	24.0	36.0





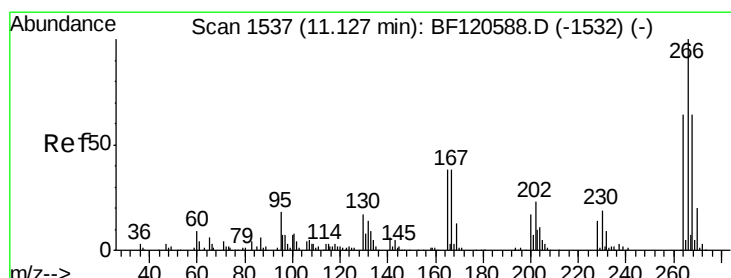
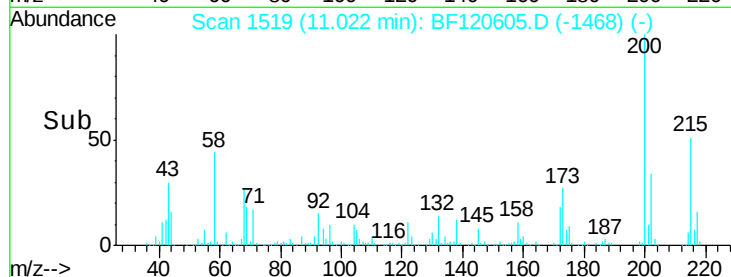
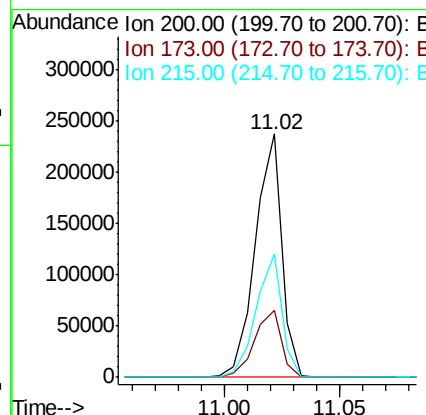
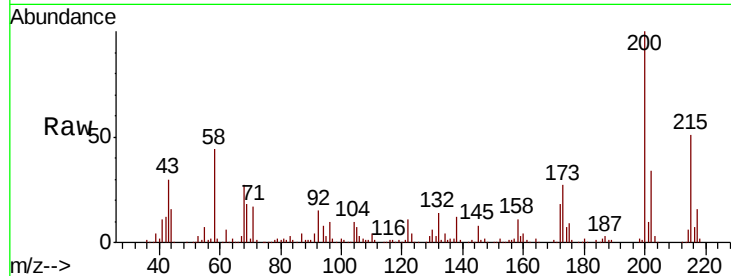
#69
Atrazine
Concen: 38.533 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.1	49.1
215	50.7	29.8	69.8

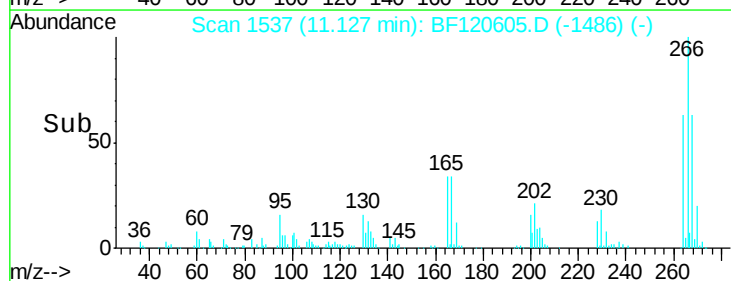
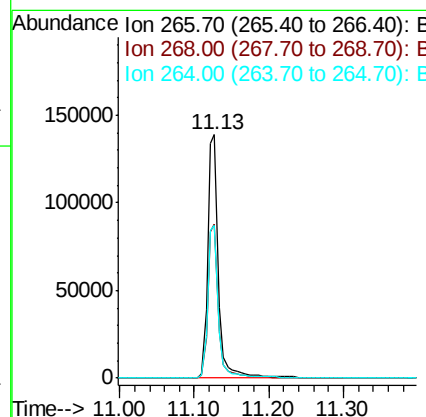
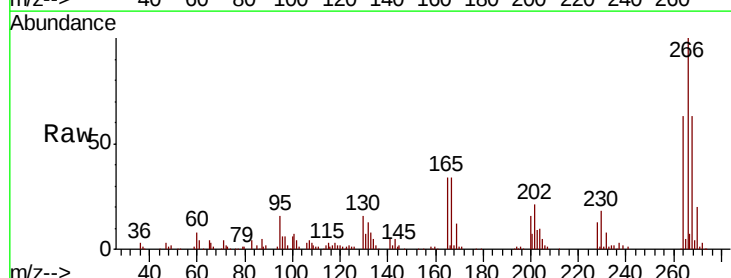
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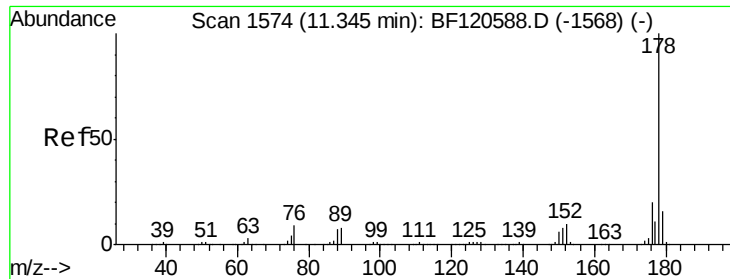
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#70
Pentachlorophenol
Concen: 40.170 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.4	77.0
264	62.6	50.8	76.2





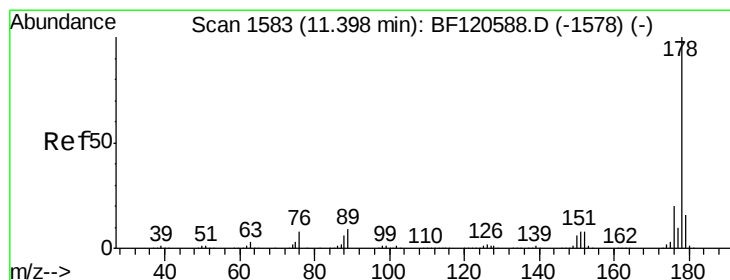
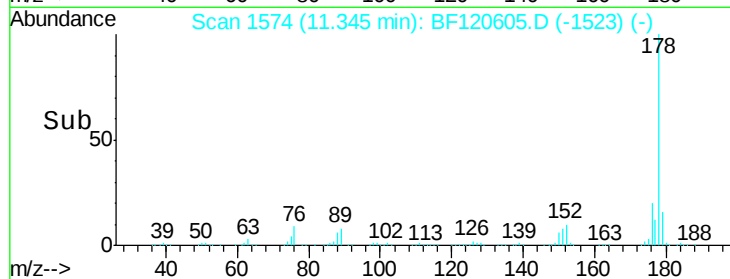
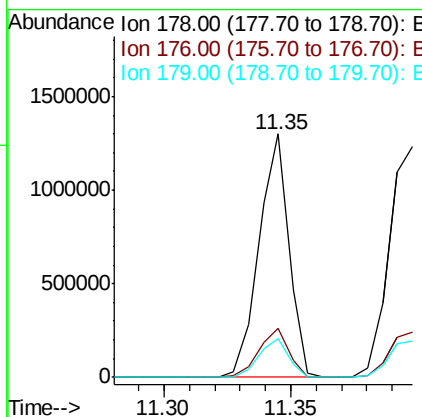
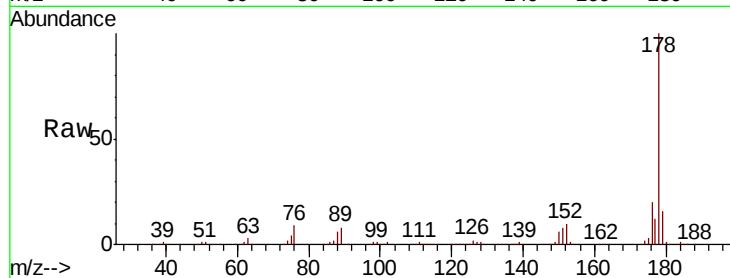
#71
 Phenanthrene
 Concen: 41.328 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.7	12.8	19.2

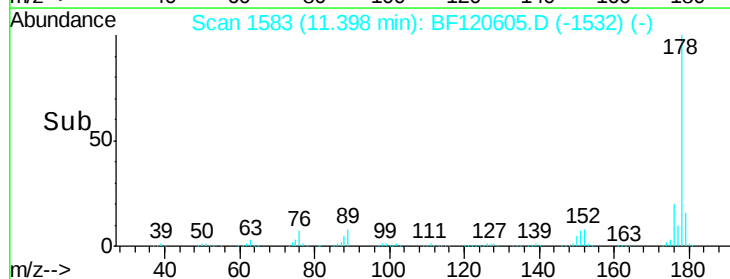
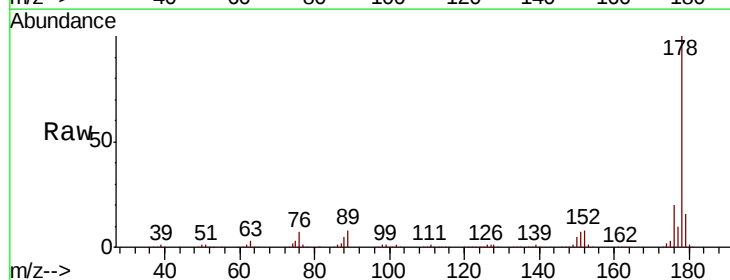
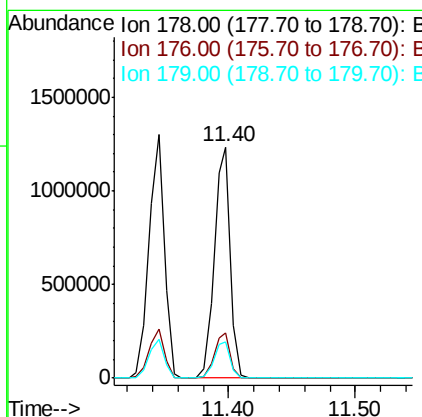
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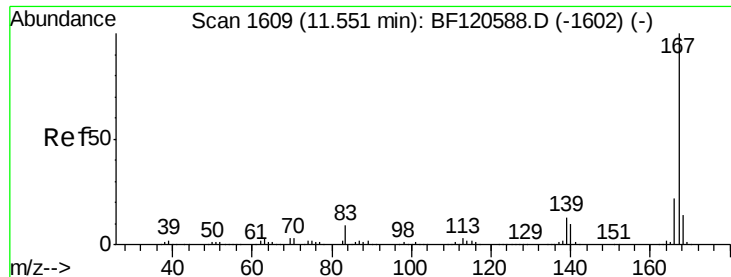
mohammad
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#72
 Anthracene
 Concen: 41.608 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.7	12.9	19.3





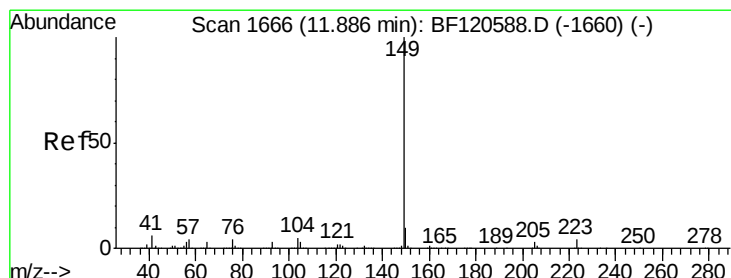
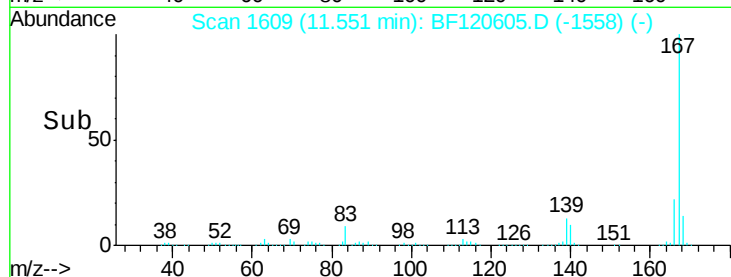
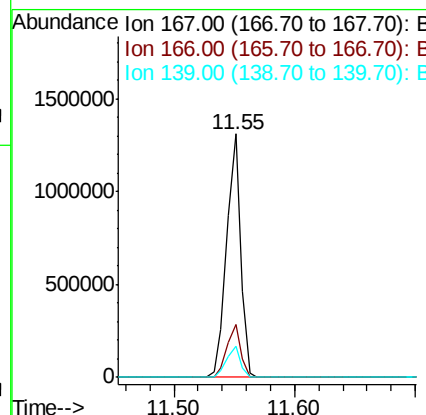
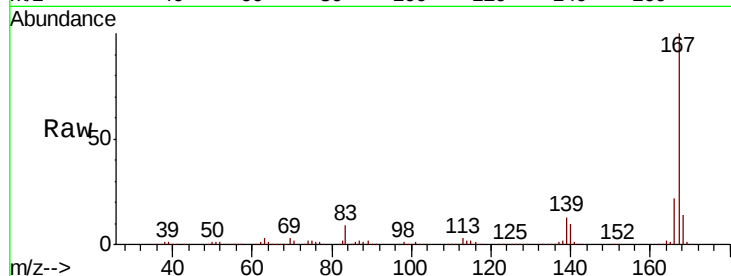
#73
 Carbazole
 Concen: 40.464 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	12.7	10.1	15.1

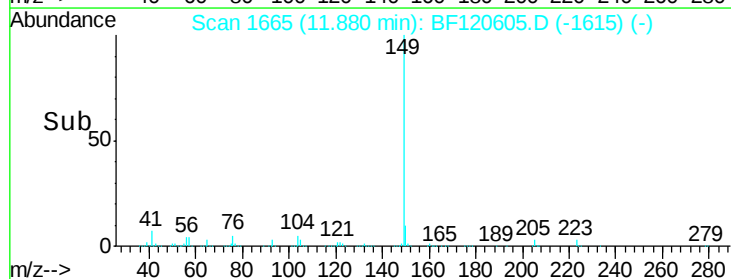
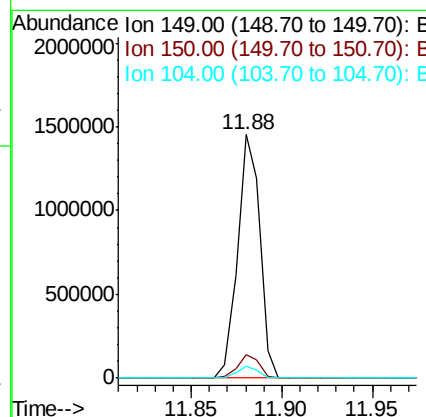
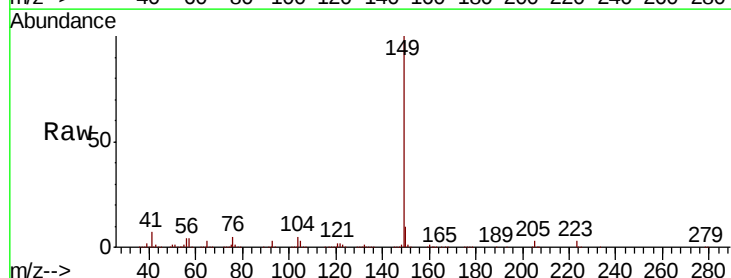
Manual Integrations
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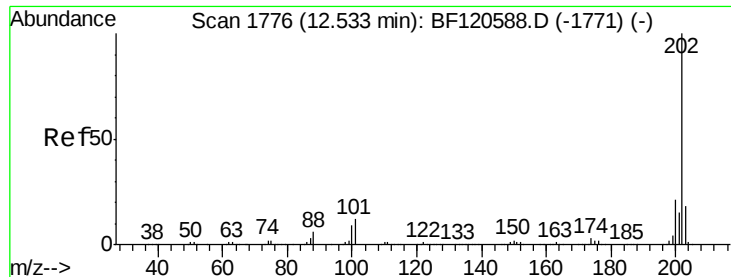
mohammad
 6/15/2020 8:42:59 AM



#74
 Di-n-butylphthalate
 Concen: 42.775 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.9	3.7	5.5





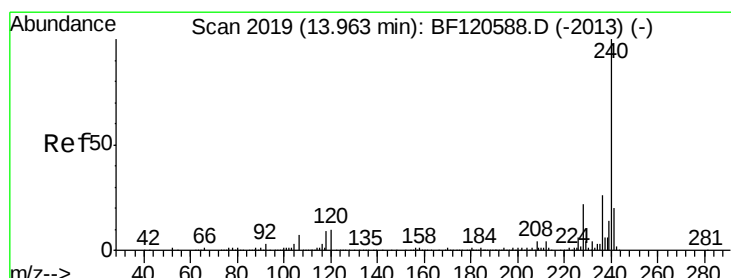
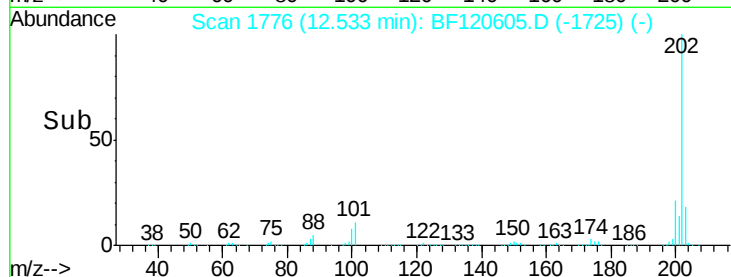
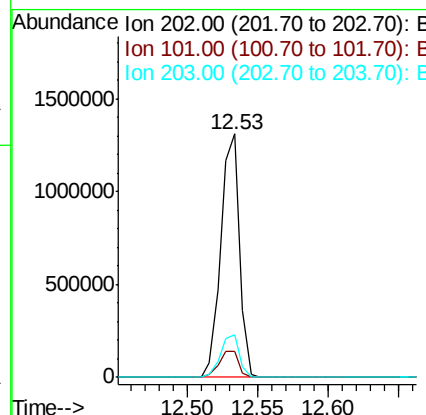
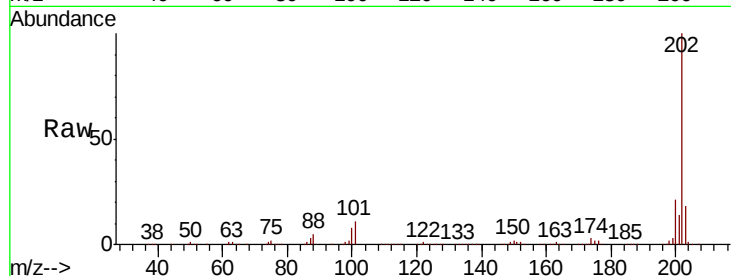
#75
 Fluoranthene
 Concen: 40.633 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.0
203	17.8	0.0	38.3

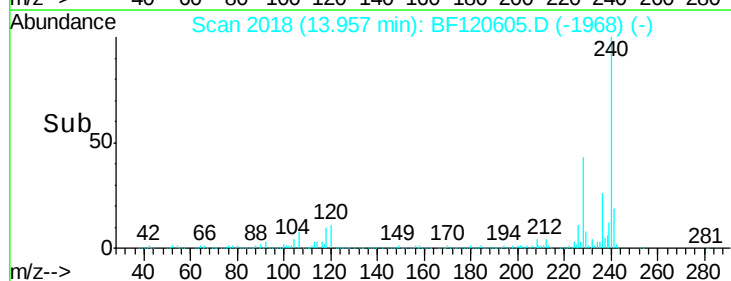
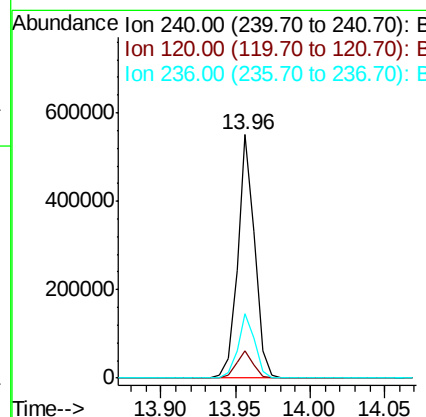
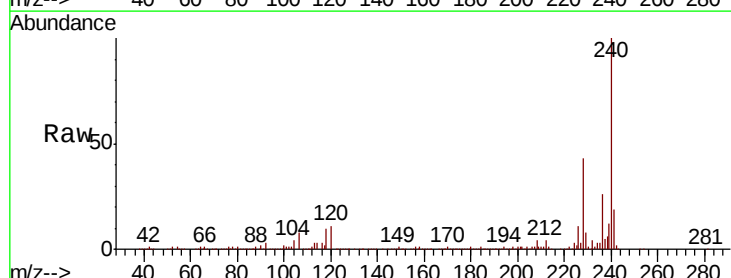
Manual Integrations
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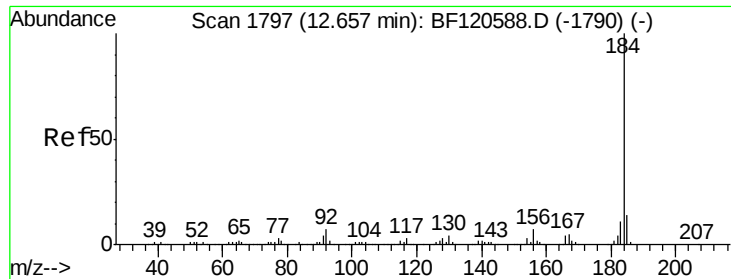
mohammad
 6/15/2020 8:42:59 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120605.D
 Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	26.3	21.0	31.4





#77

Benzidine

Concen: 33.846 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

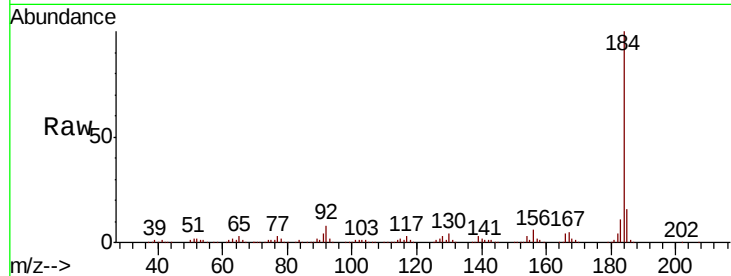
ClientSampleId :

SSTDCCC040EC

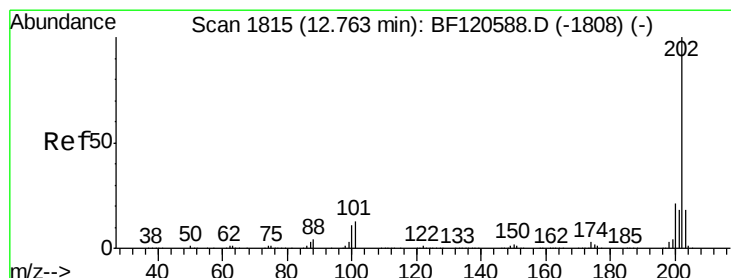
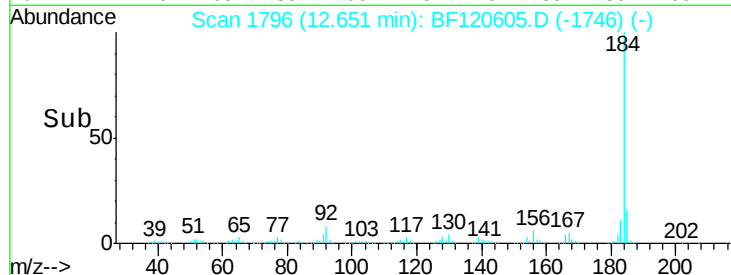
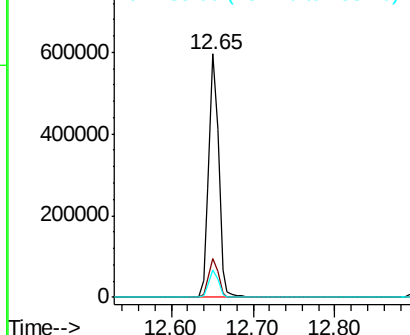
Tot Ion:	184	Resp:	505295
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.4	17.0
183	11.1	9.0	13.6

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



#78

Pyrene

Concen: 39.670 ng

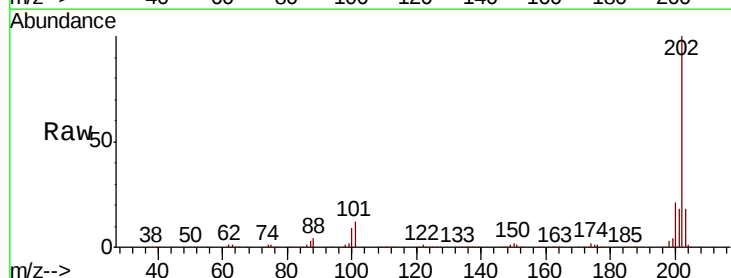
RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

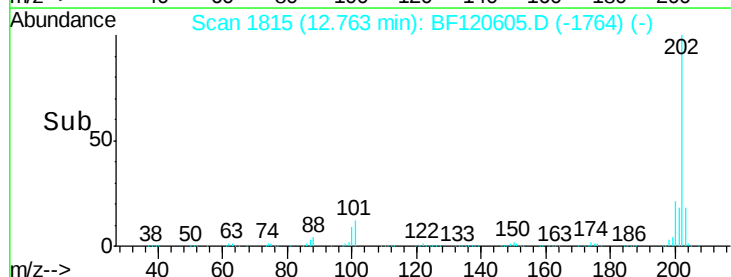
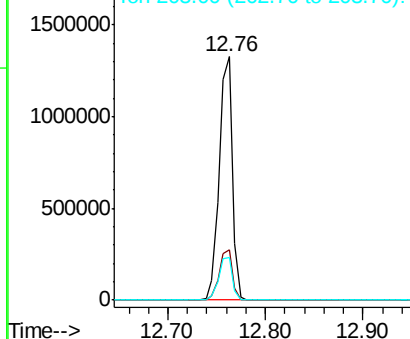
Lab File: BF120605.D

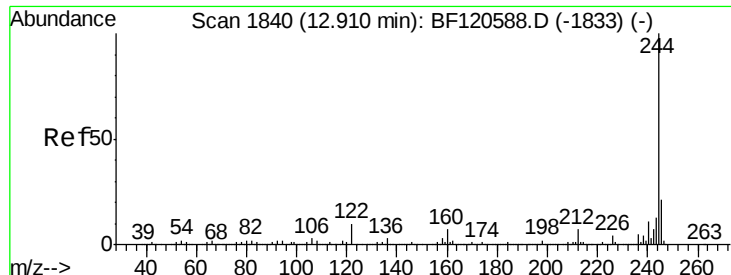
Acq: 11 Jun 2020 16:48

Tgt Ion:	202	Resp:	1240572
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.6	14.3	21.5



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





#79

Terphenyl-d14

Concen: 79.684 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1592477

Ion Ratio Lower Upper

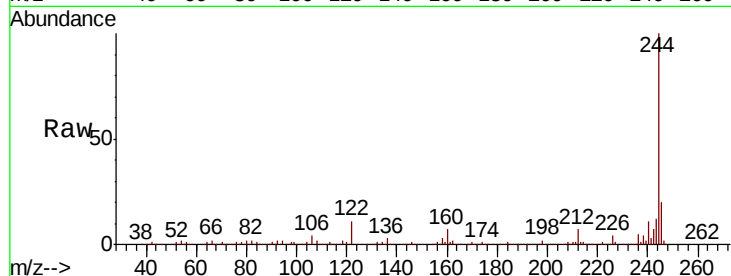
244 100

212 7.0 5.7 8.5

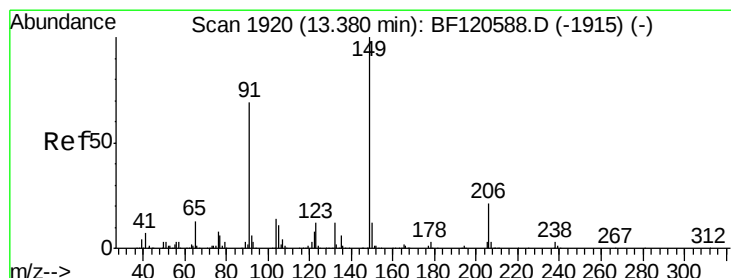
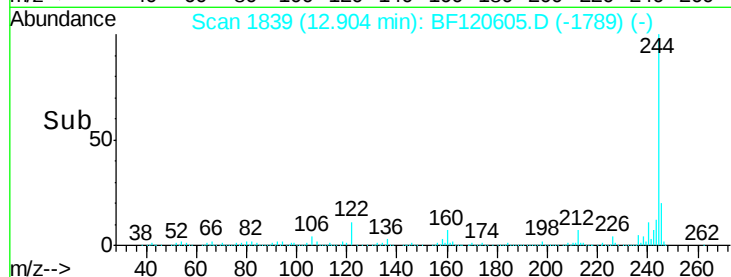
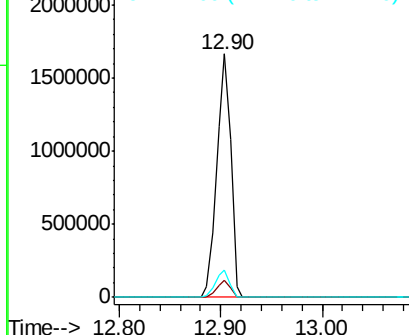
122 11.3 8.3 12.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.177 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

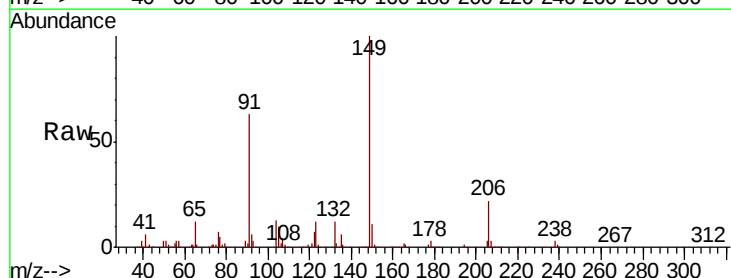
Tgt Ion:149 Resp: 544023

Ion Ratio Lower Upper

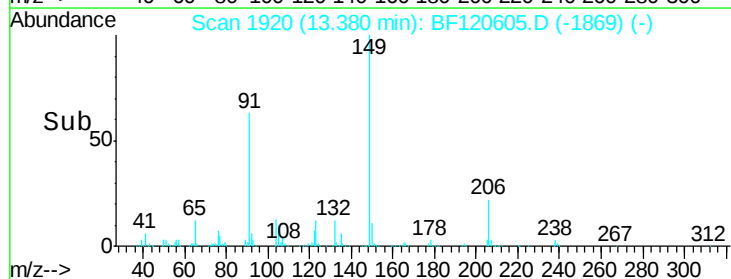
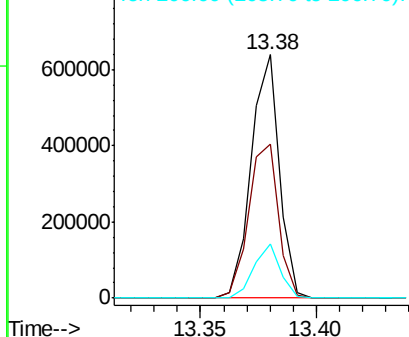
149 100

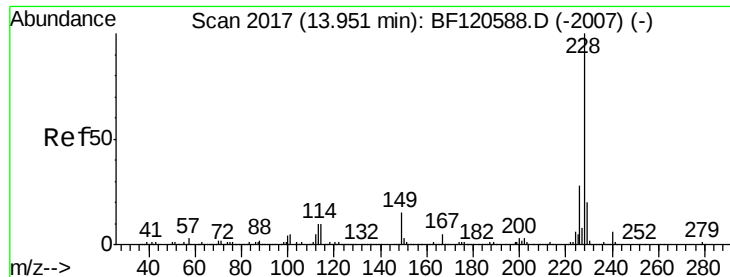
91 63.2 55.4 83.0

206 22.0 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.923 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1085342

Ion Ratio Lower Upper

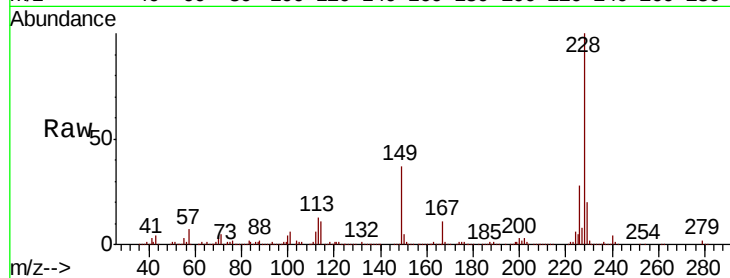
228 100

226 27.9 22.5 33.7

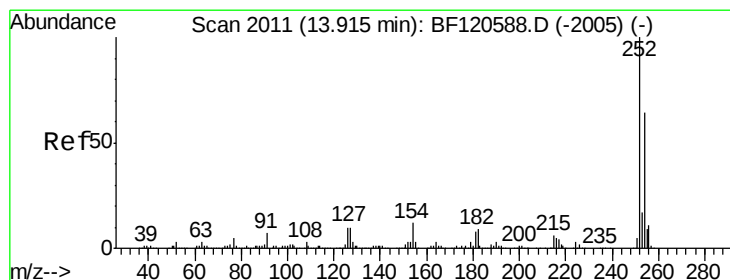
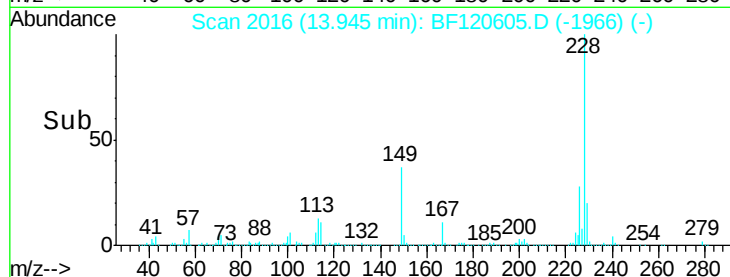
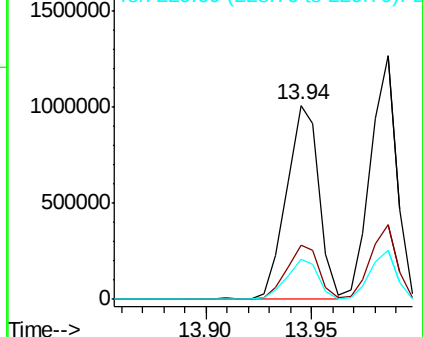
229 20.3 16.1 24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 40.571 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

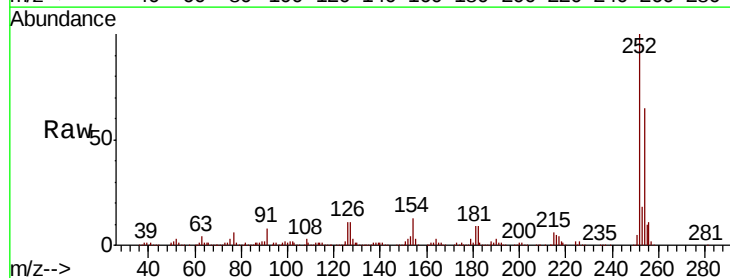
Tgt Ion:252 Resp: 410993

Ion Ratio Lower Upper

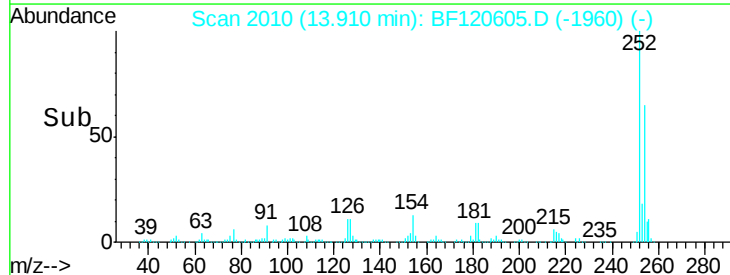
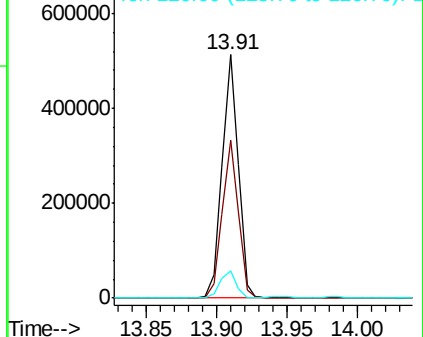
252 100

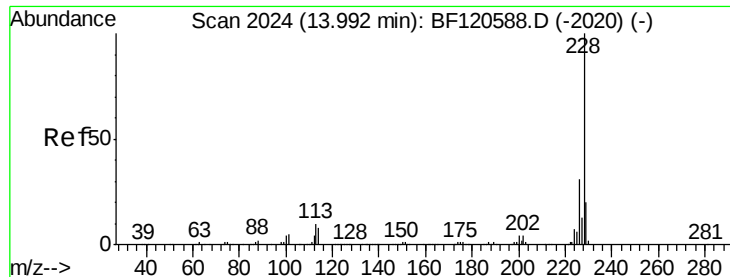
254 64.9 51.4 77.2

126 11.3 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: 40.367 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1098155

Ion Ratio Lower Upper

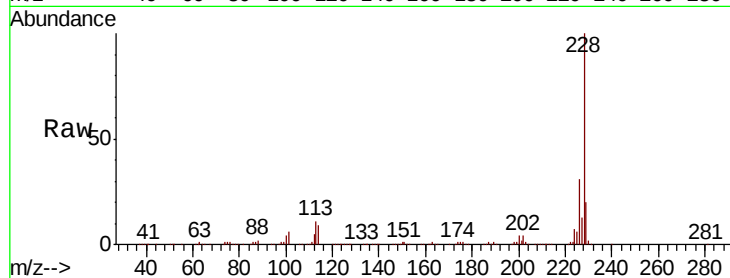
228 100

226 30.9 24.9 37.3

229 20.1 16.1 24.1

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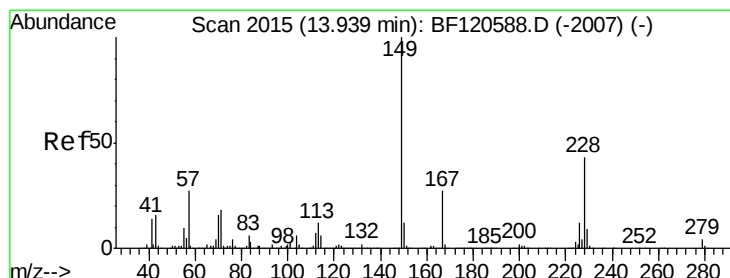
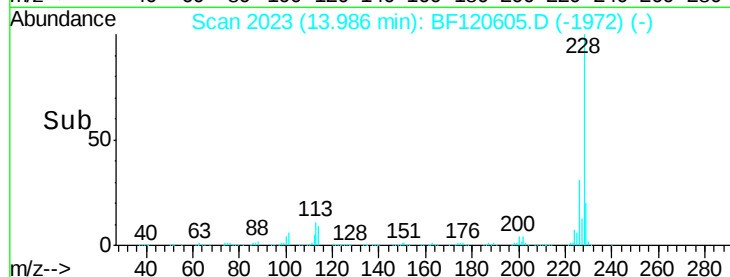
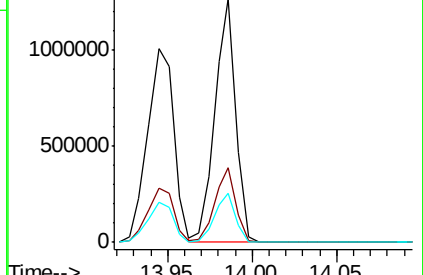
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.470 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

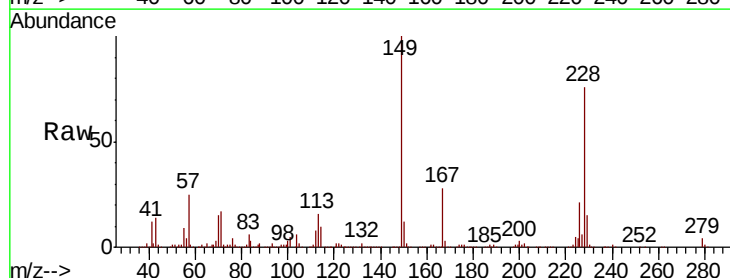
Tgt Ion:149 Resp: 719749

Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

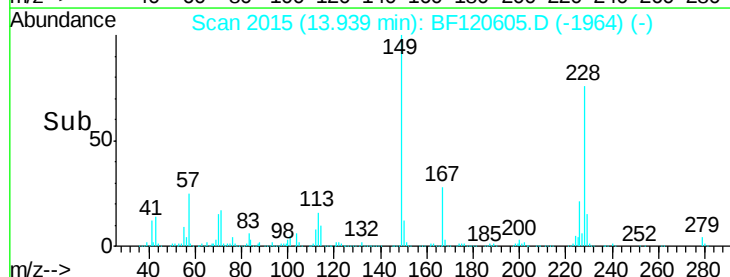
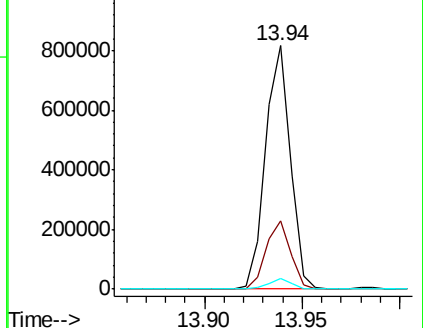
279 4.3 3.0 4.6

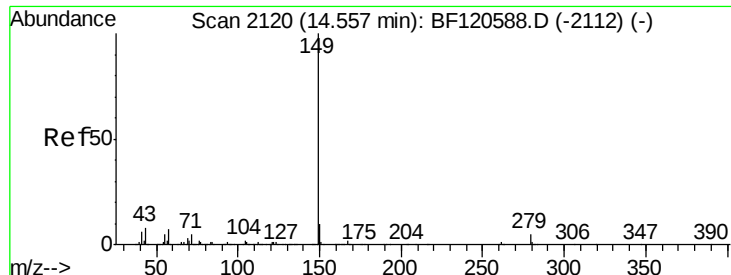


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





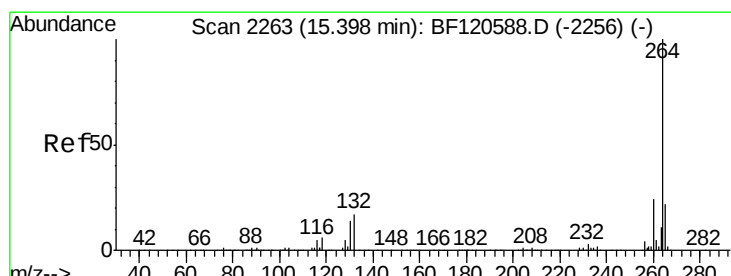
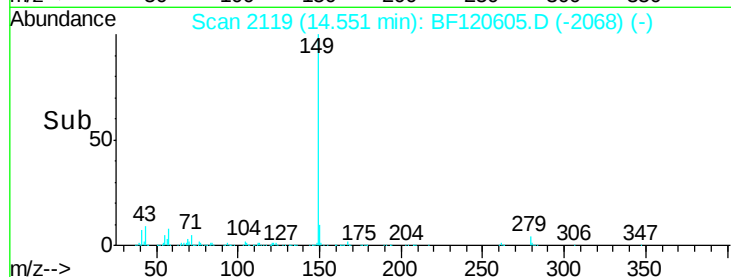
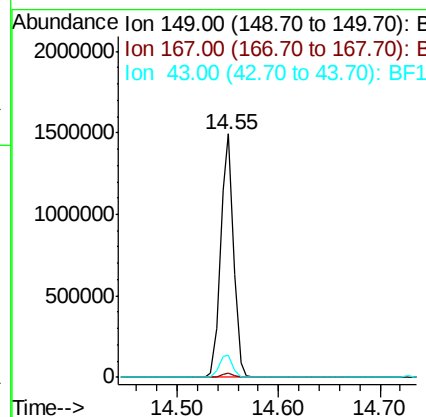
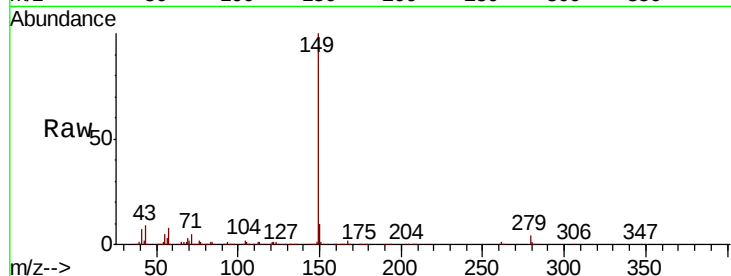
#85
Di-n-octyl phthalate
Concen: 40.630 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	7.6	11.4

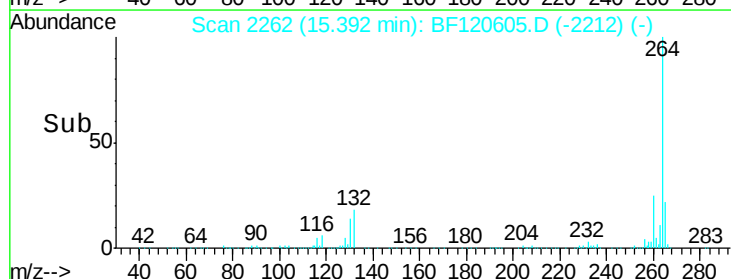
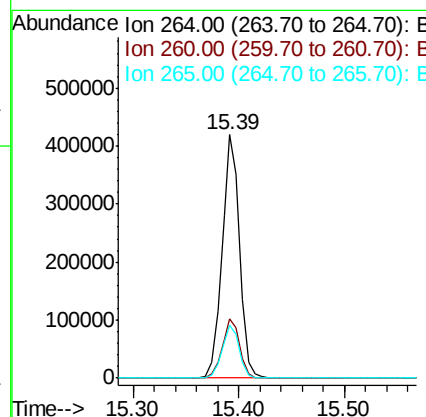
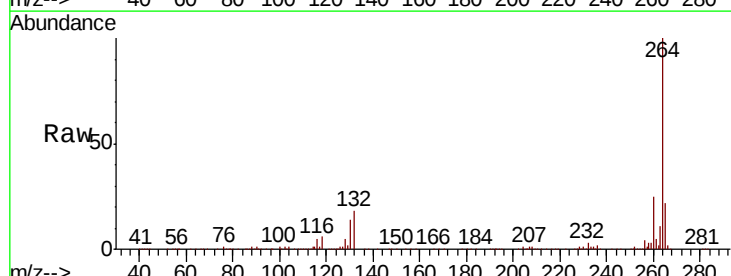
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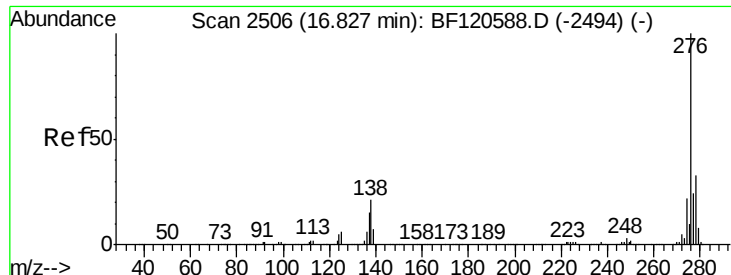
mohammad
6/15/2020 8:42:59 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.8	17.8	26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.158 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1337292

Ion Ratio Lower Upper

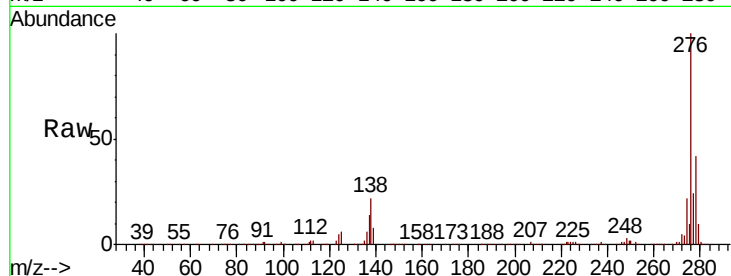
276 100

138 24.0 18.9 28.3

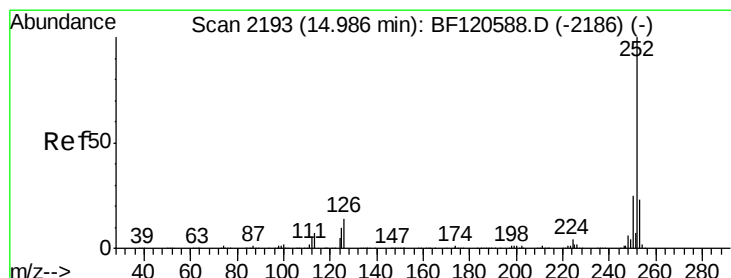
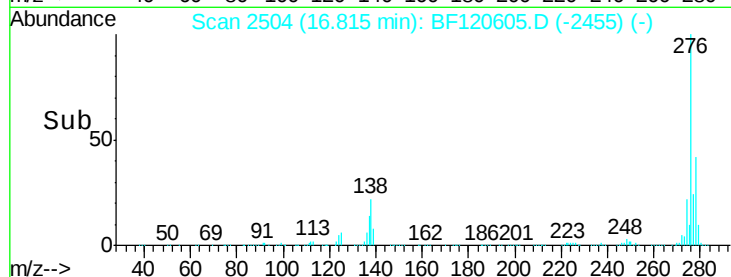
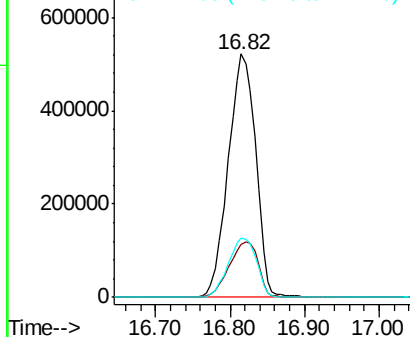
277 25.1 20.2 30.2

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



#88

Benzo(b)fluoranthene

Concen: 38.521 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF120605.D

Acq: 11 Jun 2020 16:48

Tgt Ion:252 Resp: 1117096

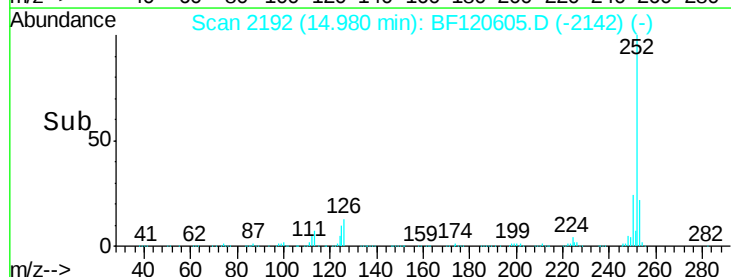
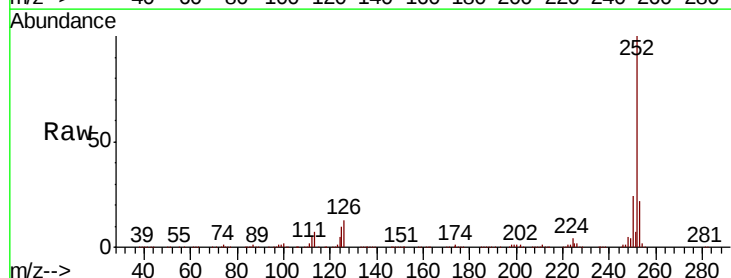
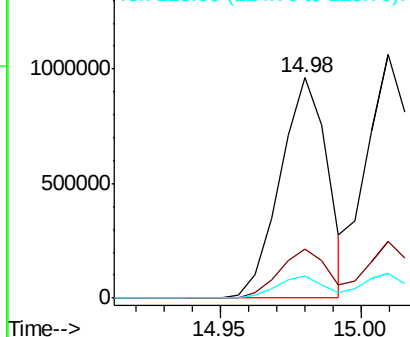
Ion Ratio Lower Upper

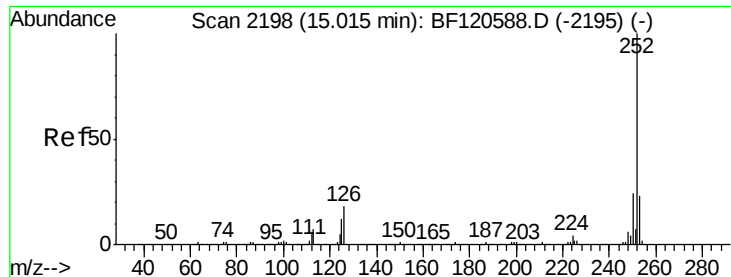
252 100

253 22.2 18.1 27.1

125 10.0 8.3 12.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





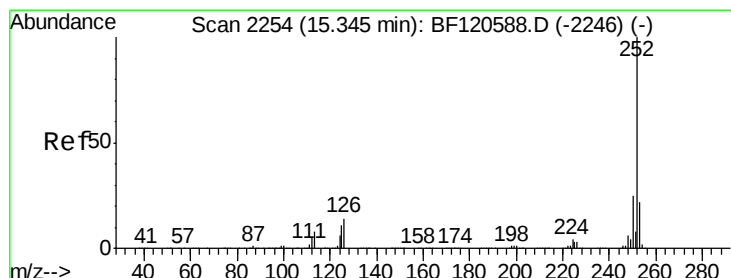
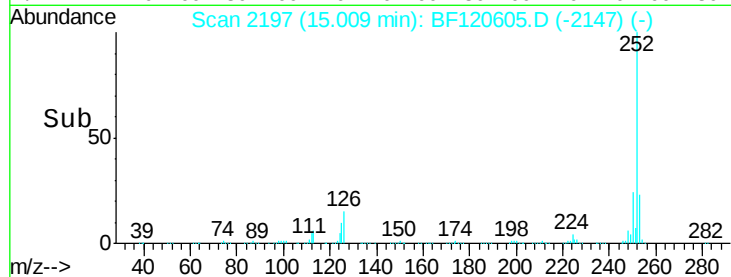
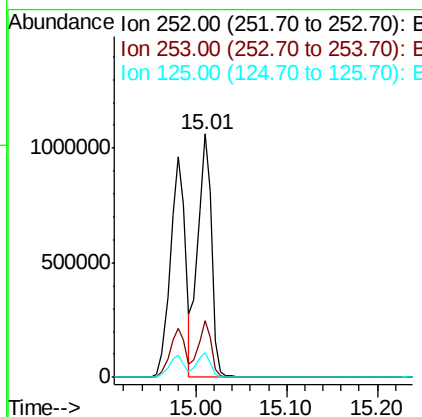
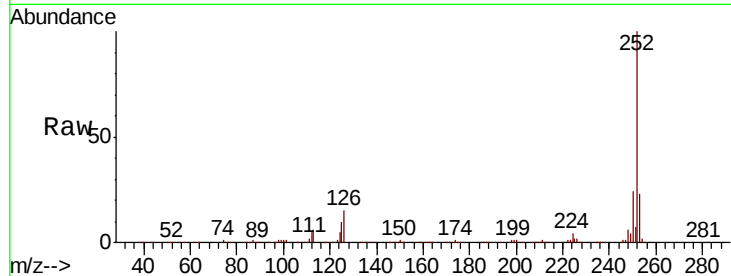
#89
Benzo(k)fluoranthene
Concen: 43.385 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.4	8.3	12.5

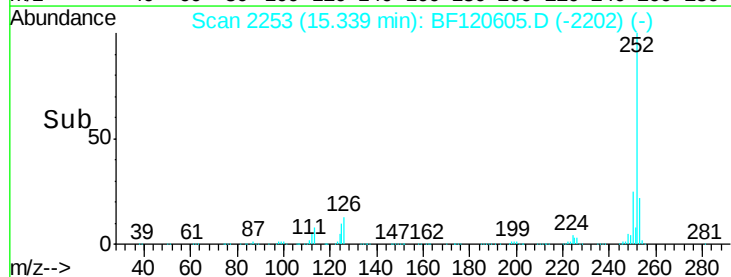
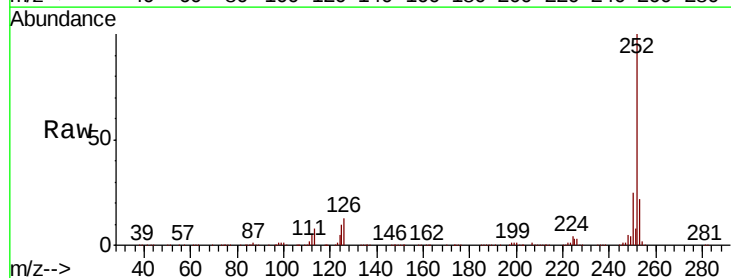
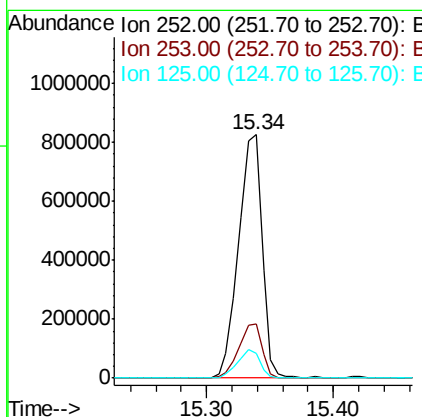
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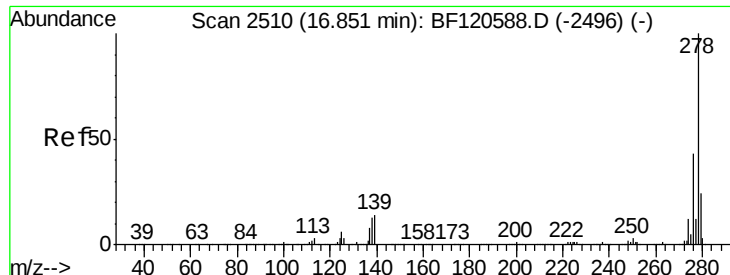
mohammad
6/15/2020 8:42:59 AM



#90
Benzo(a)pyrene
Concen: 41.138 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.4	8.6	12.8





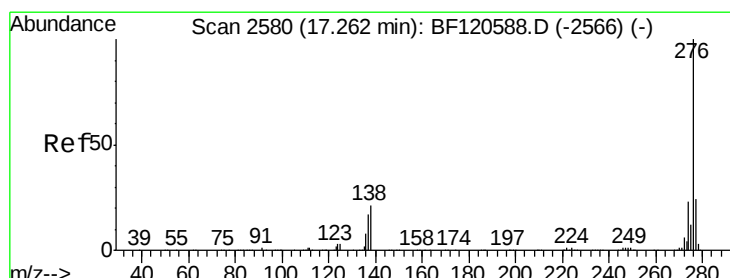
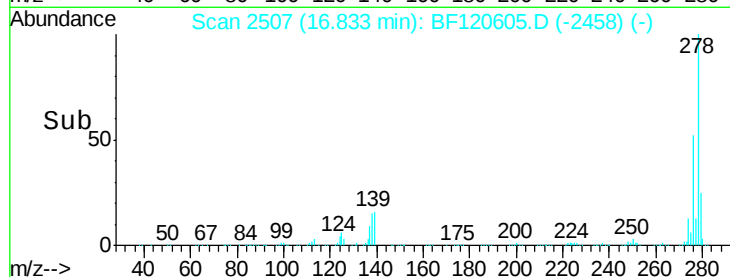
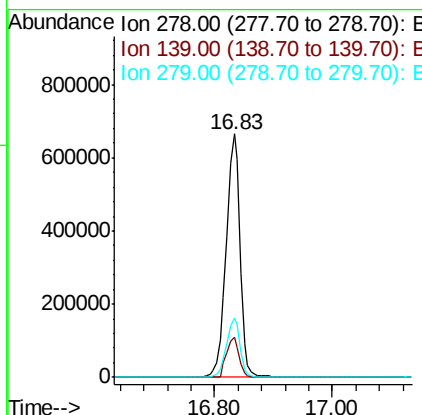
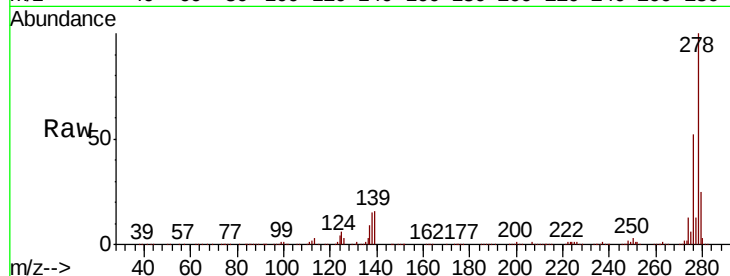
#91
Dibenzo(a,h)anthracene
Concen: 46.021 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.4	17.2
279	24.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:42:59 AM



#92
Benzo(g,h,i)perylene
Concen: 45.251 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF120605.D
Acq: 11 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	21.2	16.5	24.7

