

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120672.D
 Acq On : 19 Jun 2020 19:17
 Operator : JU/CG
 Sample : L3020-19MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Manual Integrations
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Quant Time: Jun 22 09:39:05 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	115530	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	395981	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	240249	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	558303	20.00	ng	0.00
76) Chrysene-d12	13.97	240	400144	20.00	ng	0.00
86) Perylene-d12	15.40	264	503211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	510218	75.72	ng	0.00
7) Phenol-d6	6.44	99	731003	87.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	362730	51.20	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	229061	82.01	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	931372	59.31	ng	0.00
79) Terphenyl-d14	12.91	244	1077670	59.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	126831	39.712	ng	100
3) Pyridine	3.28	79	358362	39.915	ng	98
4) n-Nitrosodimethylamine	3.23	42	167230	44.882	ng	99
6) Aniline	6.46	93	366125	34.087	ng	# 87
8) 2-Chlorophenol	6.59	128	344923	45.296	ng	97
9) Benzaldehyde	6.36	77	259993	48.976	ng	# 1
10) Phenol	6.46	94	468329	52.300	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	321071	43.046	ng	97
12) 1,3-Dichlorobenzene	6.75	146	335984	41.503	ng	99
13) 1,4-Dichlorobenzene	6.82	146	331946	41.559	ng	98
14) 1,2-Dichlorobenzene	6.97	146	313264	40.263	ng	97
15) Benzyl Alcohol	6.95	79	254382	42.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	378146	35.210	ng	73
17) 2-Methylphenol	7.06	107	244280	37.612	ng	94
18) Hexachloroethane	7.32	117	84229m	28.619	ng	
19) n-Nitroso-di-n-propylamine	7.22	70	283048	58.140	ng	96
20) 3+4-Methylphenols	7.22	107	314569	38.760	ng	94
22) Acetophenone	7.21	105	225464m	25.468	ng	
24) Nitrobenzene	7.39	77	361512	48.765	ng	# 90
25) Isophorone	7.63	82	707867	51.296	ng	# 95
26) 2-Nitrophenol	7.70	139	193185	49.258	ng	# 93
27) 2,4-Dimethylphenol	7.75	122	256999	44.505	ng	91
28) bis(2-Chloroethoxy)methane	7.84	93	351600	43.954	ng	98
29) 2,4-Dichlorophenol	7.95	162	306615	52.235	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	338799	52.083	ng	99
31) Naphthalene	8.12	128	2871878	147.700	ng	96
32) Benzoic acid	7.87	122	194795	43.966	ng	97
33) 4-Chloroaniline	8.16	127	237112	26.568	ng	# 93
34) Hexachlorobutadiene	8.23	225	196994	51.952	ng	97
35) Caprolactam	8.51	113	80237	42.739	ng	# 18
36) 4-Chloro-3-methylphenol	8.65	107	283300	48.308	ng	97
37) 2-Methylnaphthalene	8.81	142	2007958	158.192	ng	97
38) 1-Methylnaphthalene	8.90	142	1290601m	108.055	ng	
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	299713	41.780	ng	99

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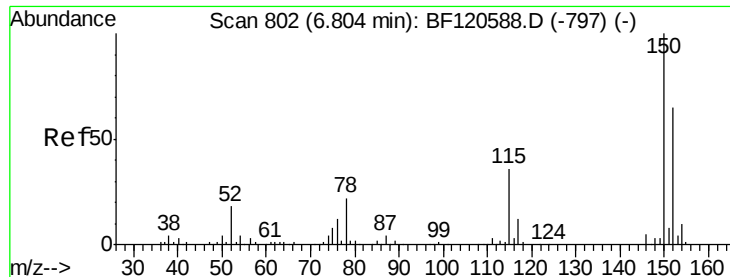
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	290450	72.253	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	212436	41.747	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	229254	39.710	nq	95
46) 1,1'-Biphenyl	9.26	154	829549	46.241	nq	99
47) 2-Chloronaphthalene	9.29	162	604110	41.180	nq	100
48) 2-Nitroaniline	9.38	65	188454	40.903	nq	98
49) Acenaphthylene	9.70	152	973390	42.994	nq	99
50) Dimethylphthalate	9.56	163	862420	49.843	nq	99
51) 2,6-Dinitrotoluene	9.62	165	168876	43.066	nq	99
52) Acenaphthene	9.87	154	669210m	49.561	nq	
53) 3-Nitroaniline	9.79	138	107536	22.832	nq	95
54) 2,4-Dinitrophenol	9.90	184	172530	75.191	nq	96
55) Dibenzofuran	10.05	168	1010021	48.784	nq	99
56) 4-Nitrophenol	9.96	139	263509	74.286	nq	98
57) 2,4-Dinitrotoluene	10.03	165	230427	44.284	nq	# 87
58) Fluorene	10.39	166	700398	43.883	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	204667	45.061	nq	# 100
60) Diethylphthalate	10.26	149	756105	44.369	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	357356	43.357	nq	99
62) 4-Nitroaniline	10.41	138	171529	36.685	nq	95
63) Azobenzene	10.54	77	644229	41.646	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	128478	38.351	nq	93
66) n-Nitrosodiphenylamine	10.50	169	648274	37.811	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	225769	35.631	nq	99
68) Hexachlorobenzene	10.93	284	254053	37.292	nq	98
69) Atrazine	11.03	200	186095	35.076	nq	97
70) Pentachlorophenol	11.13	266	307250	81.122	nq	99
71) Phenanthrene	11.35	178	1181995	42.590	nq	100
72) Anthracene	11.40	178	1217590	43.525	nq	100
73) Carbazole	11.56	167	1132993	40.914	nq	99
74) Di-n-butylphthalate	11.89	149	1389043	44.617	nq	100
75) Fluoranthene	12.54	202	1311328	41.326	nq	98
77) Benzidine	12.66	184	528298	39.039	nq	100
78) Pyrene	12.77	202	1315576	46.410	nq	100
80) Butylbenzylphthalate	13.39	149	547728	43.515	nq	93
81) Benzo(a)anthracene	13.96	228	1038283	43.189	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	327137	35.626	nq	98
83) Chrysene	13.99	228	1076473	43.654	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	737600	48.016	nq	99
85) Di-n-octyl phthalate	14.56	149	1353340	46.162	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1353387	44.215	nq	100
88) Benzo(b)fluoranthene	14.99	252	1173702	39.156	nq	100
89) Benzo(k)fluoranthene	15.02	252	920595	34.708	nq	100
90) Benzo(a)pyrene	15.35	252	1126014	41.974	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	1105892	45.054	nq	98
92) Benzo(g,h,i)perylene	17.27	276	986679	39.880	nq	98

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



#1

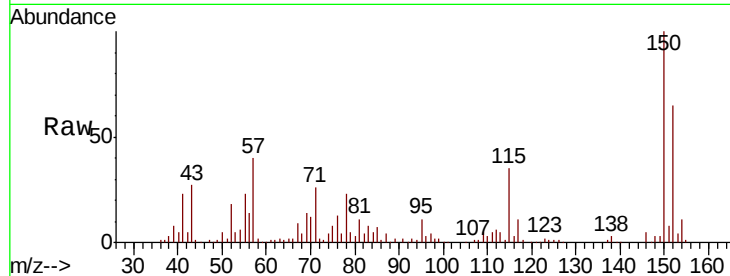
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.2	184.8
115	54.1	43.9	65.9

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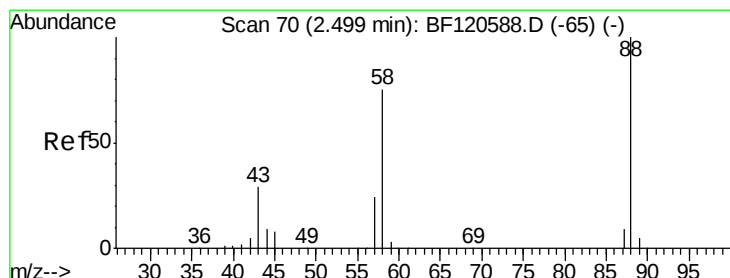
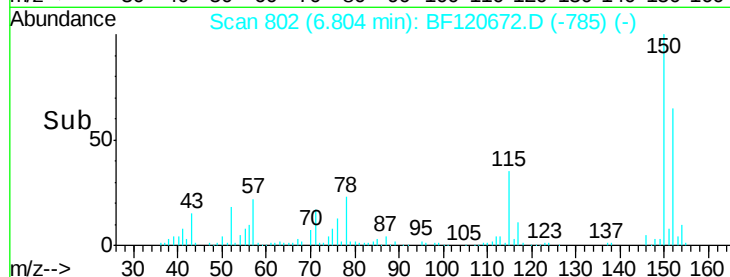
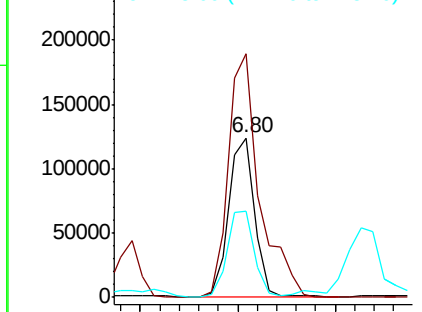


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

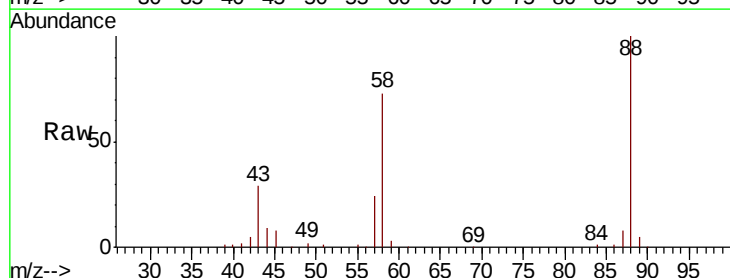
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.712 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.04 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	59.6	89.4
43	29.0	23.1	34.7

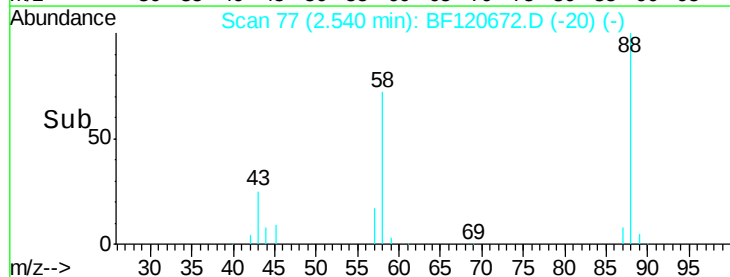
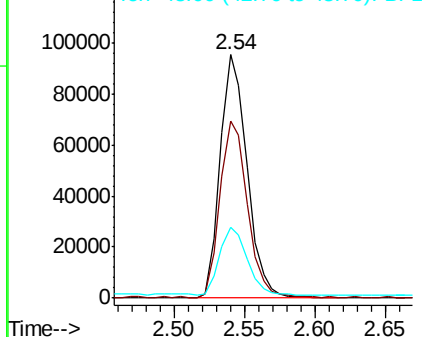


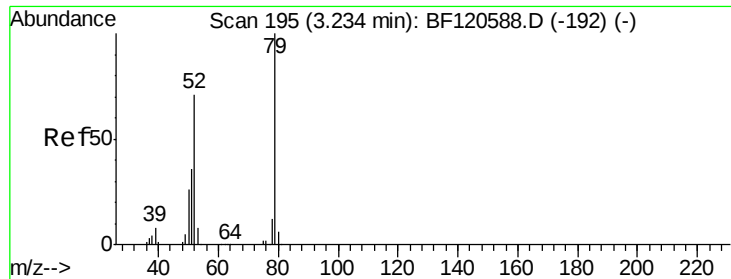
Abundance

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





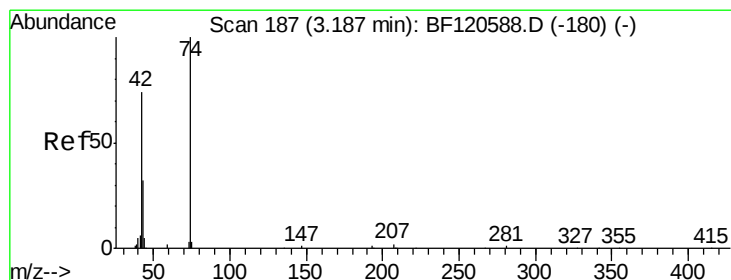
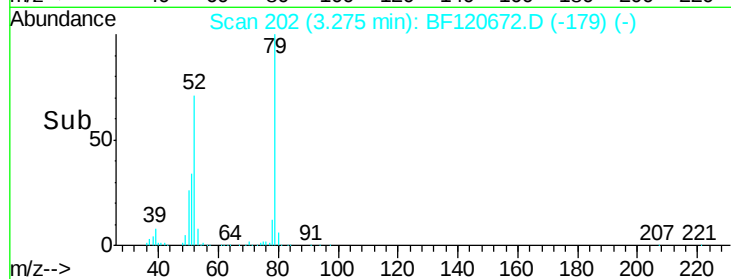
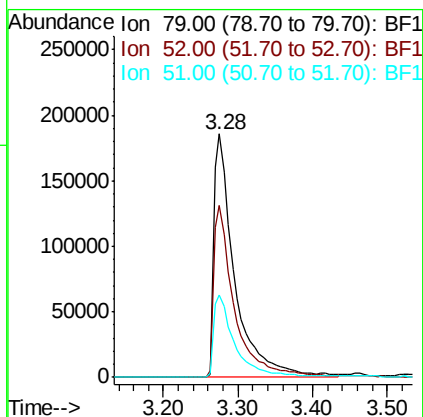
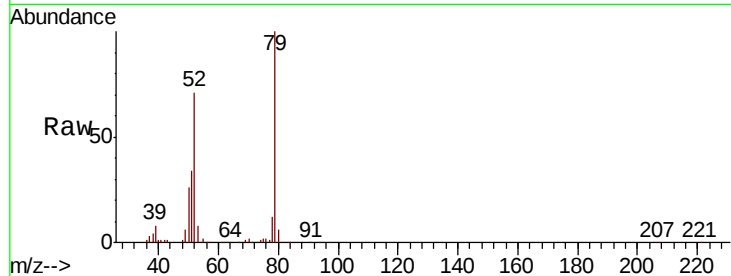
#3
 Pvridine
 Concen: 39.915 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.04 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
79	100		
52	70.5	57.0	85.6
51	33.7	28.5	42.7

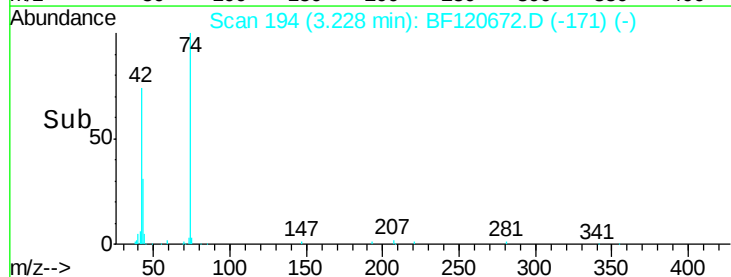
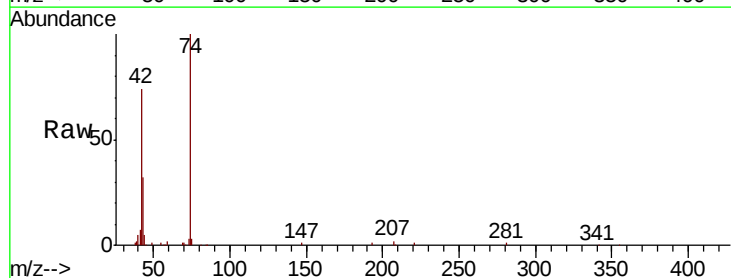
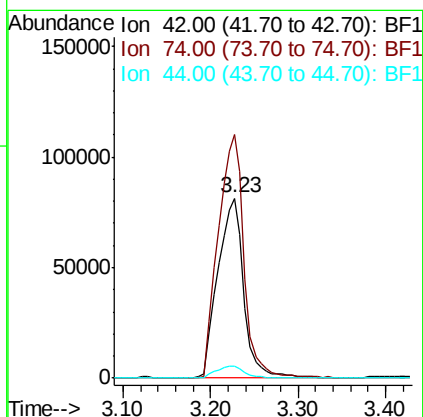
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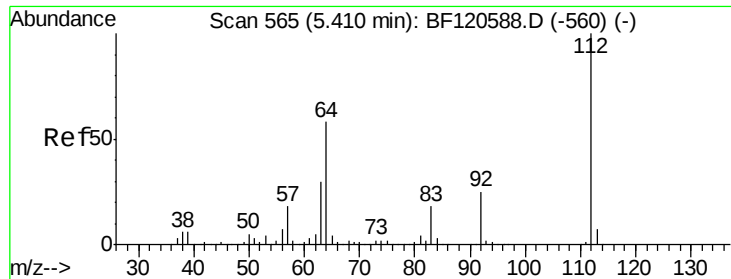
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#4
 n-Nitrosodimethylamine
 Concen: 44.882 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.04 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.5	107.8	161.6
44	6.7	5.1	7.7





#5

2-Fluorophenol

Concen: 75.716 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

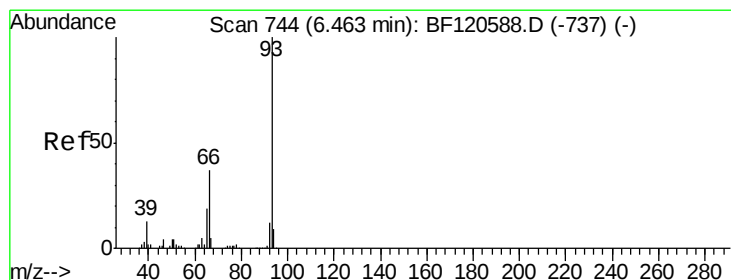
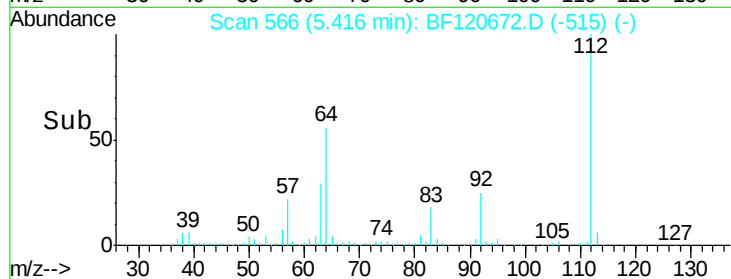
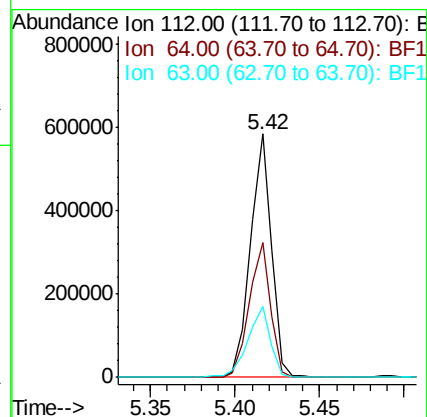
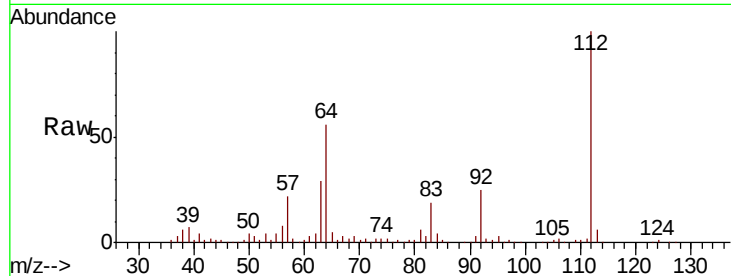
ClientSampleId :

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Tot Ion:	112	Resp:	510218
Ion Ratio	Lower	Upper	
112	100		
64	55.5	46.1	69.1
63	29.0	23.7	35.5

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#6

Aniline

Concen: 34.087 ng

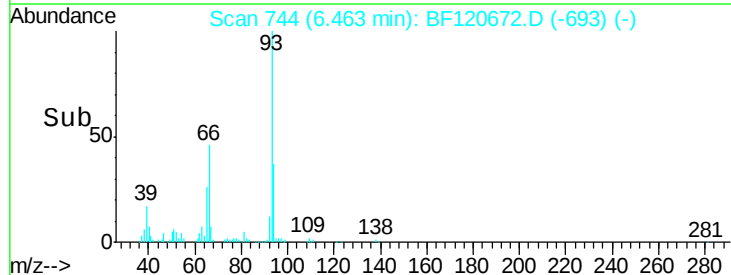
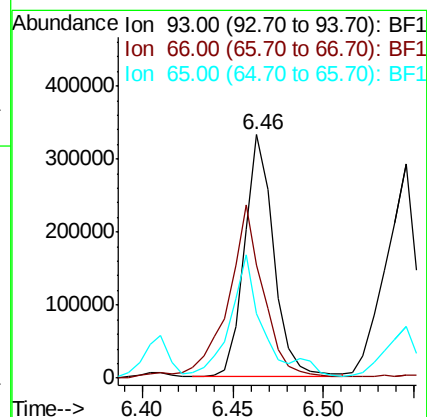
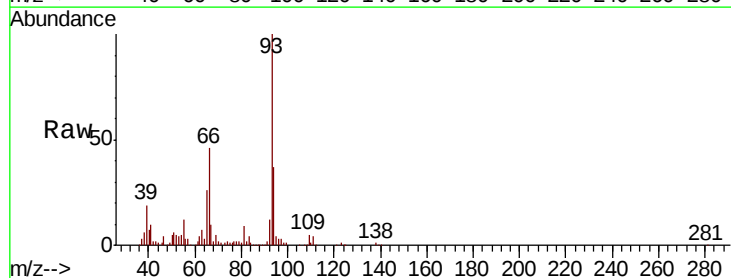
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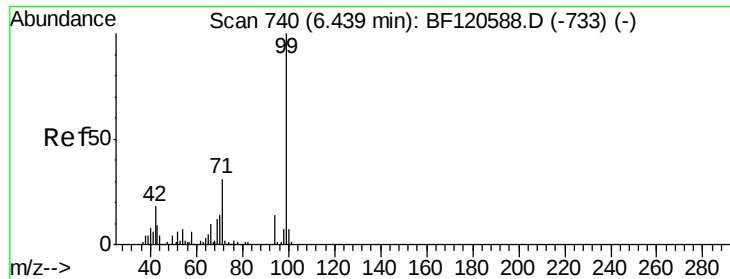
Delta R.T. 0.00 min

Lab File: BF120672.D

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Tgt Ion:	93	Resp:	366125
Ion Ratio	Lower	Upper	
93	100		
66	46.4	30.9	46.3#
65	26.3	15.9	23.9#





#7

Phenol-d6

Concen: 87.098 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

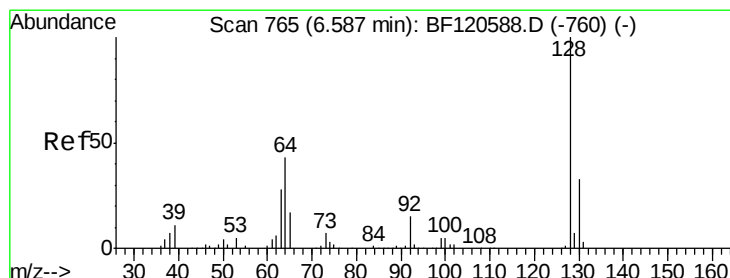
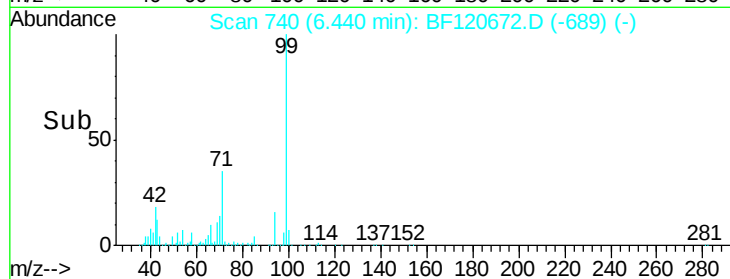
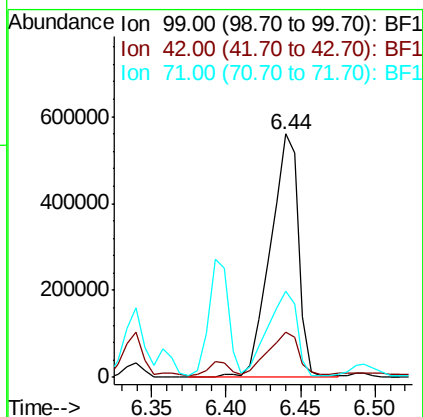
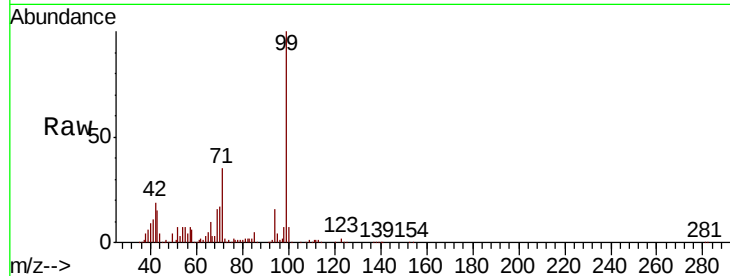
ClientSampleId :

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Tot Ion:	99	Resp:	731003
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.0	21.0
71	35.4	24.9	37.3

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#8

2-Chlorophenol

Concen: 45.296 ng

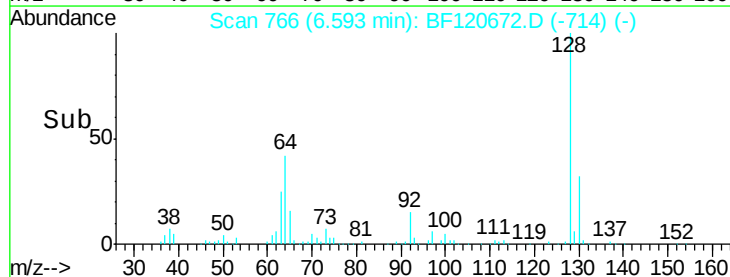
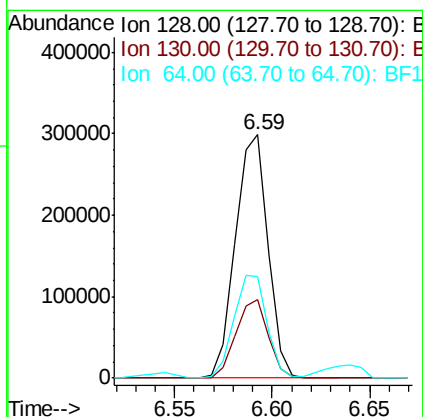
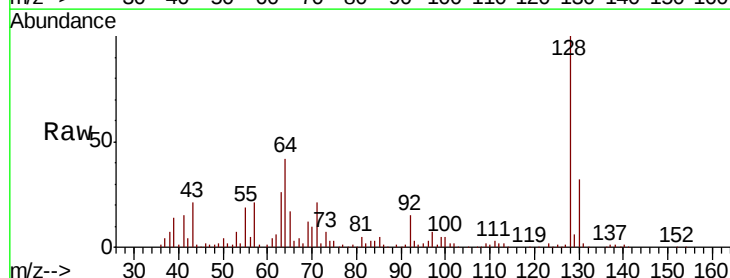
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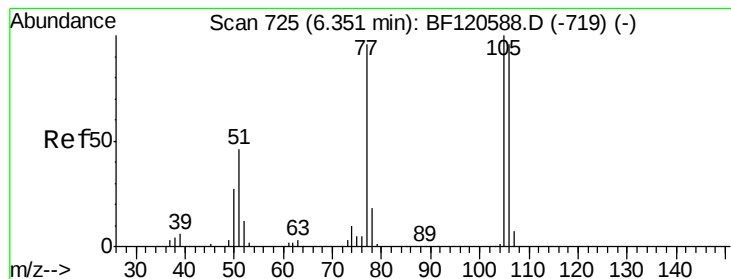
Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Tgt Ion:	128	Resp:	344923
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	41.6	24.3	64.3





#9

Benzaldehyde

Concen: 48.976 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

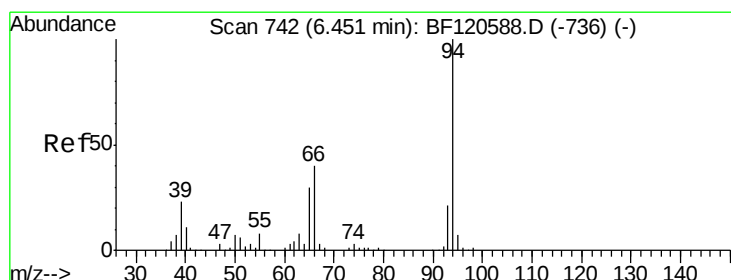
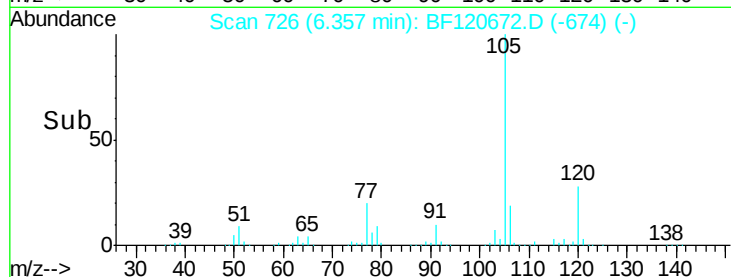
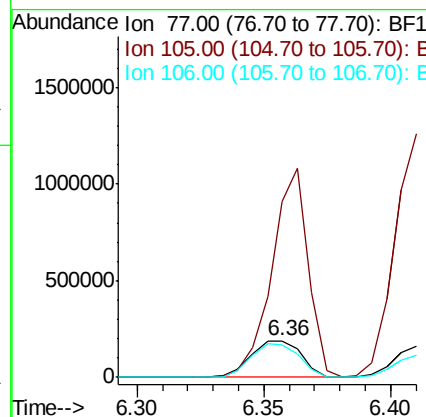
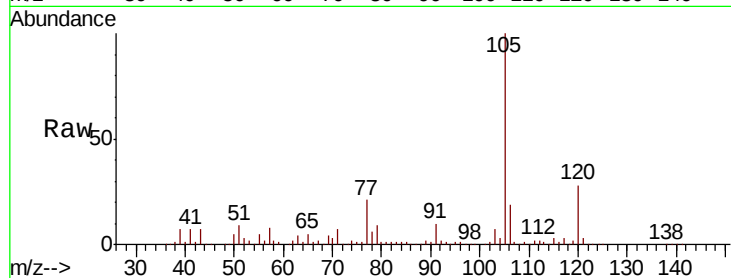
ClientSampleId :

MW-27(16.5-18.5)MSD

Tot Ion:	77	Resp:	259993
Ion	Ratio	Lower	Upper
77	100		
105	480.1	83.8	123.8#
106	89.6	79.3	119.3

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#10

Phenol

Concen: 52.300 ng

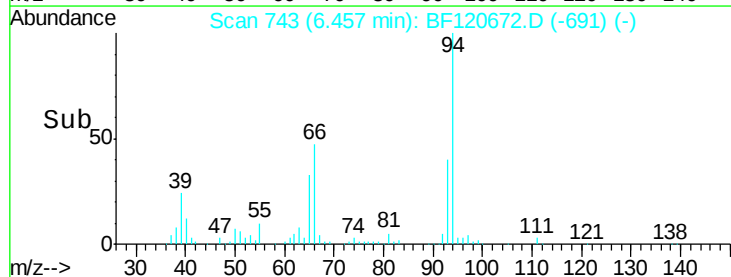
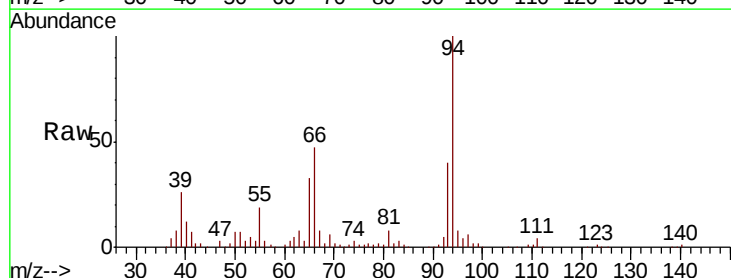
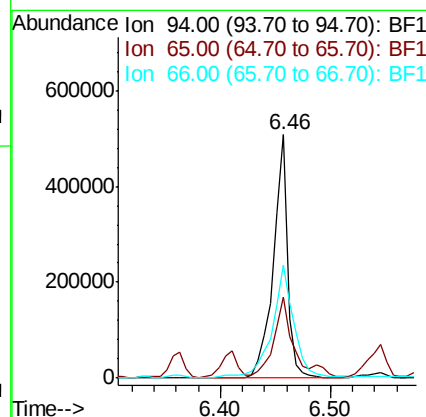
RT: 6.46 min Scan# 743

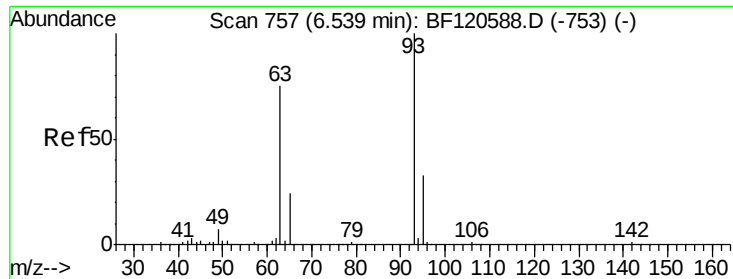
Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Tgt Ion:	94	Resp:	468329
Ion	Ratio	Lower	Upper
94	100		
65	33.3	9.9	49.9
66	46.7	20.1	60.1





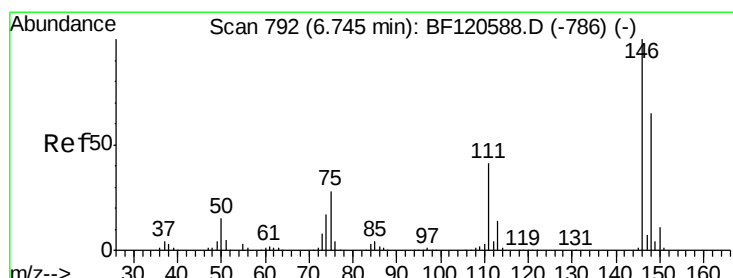
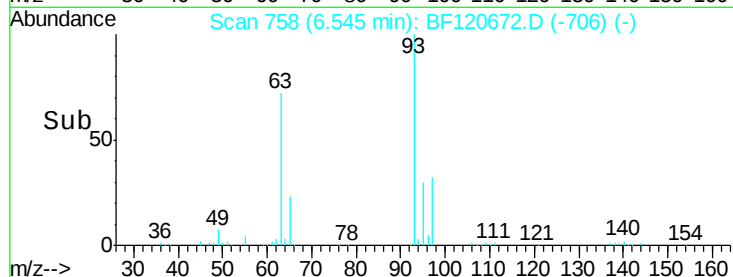
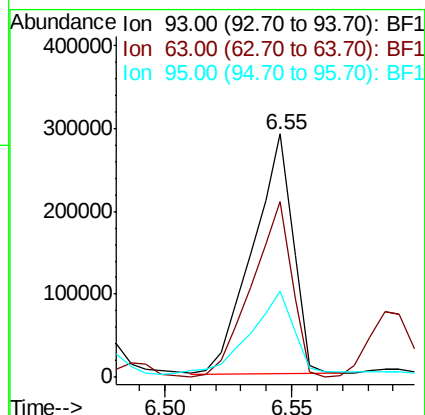
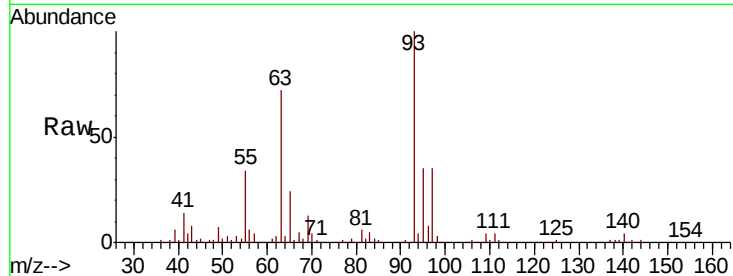
#11
bis(2-Chloroethyl)ether
Concen: 43.046 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion:	93	Resp:	321071
Ion Ratio	Lower	Upper	
93	100		
63	72.3	54.4	94.4
95	35.4	12.9	52.9

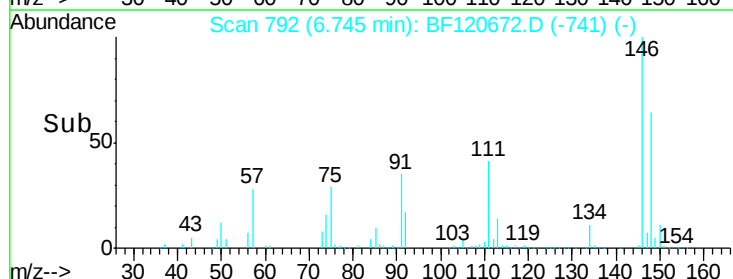
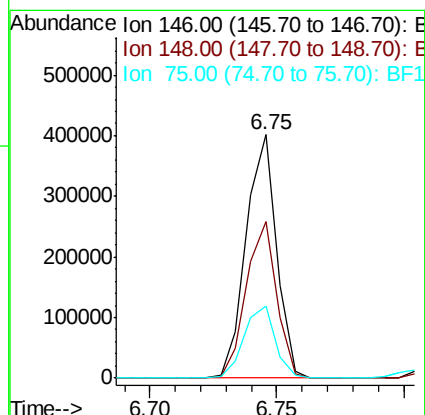
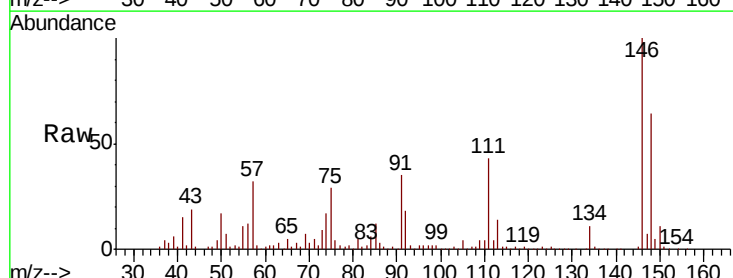
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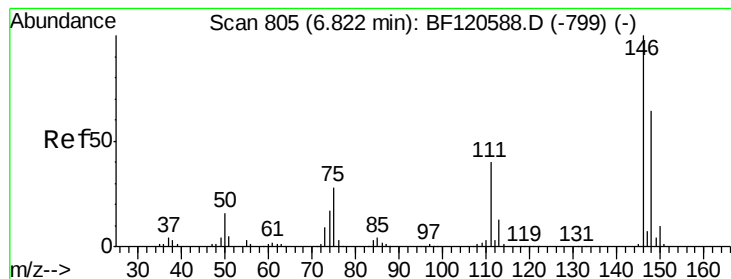
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.503 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion:	146	Resp:	335984
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
75	29.5	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 41.559 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

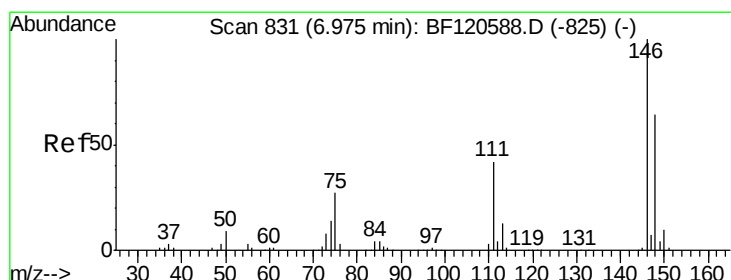
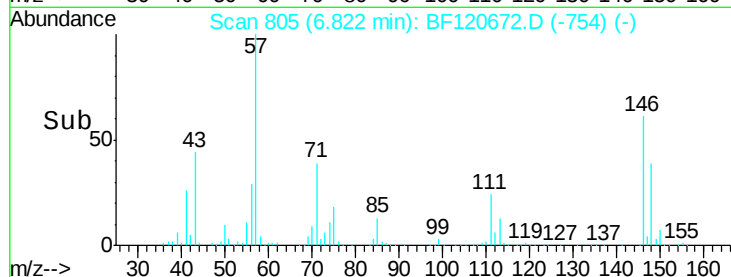
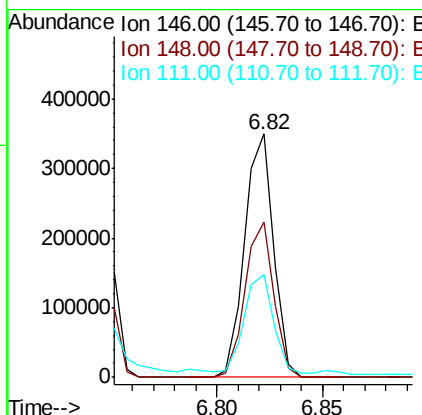
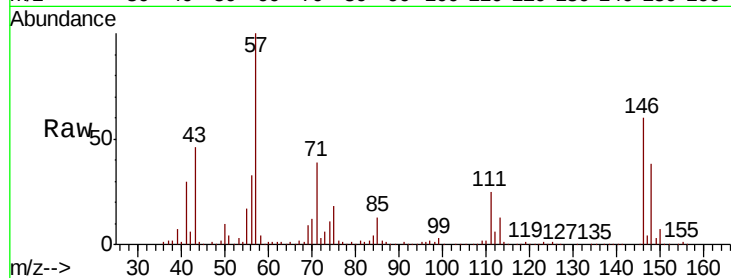
ClientSampleId :

MW-27(16.5-18.5)MSD

Tot Ion:	146	Resp:	331946
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.5	77.3
111	42.2	32.2	48.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.263 ng

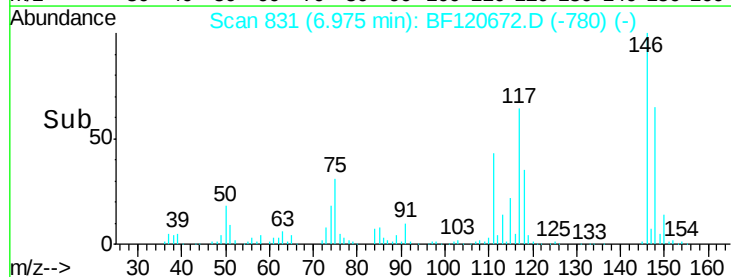
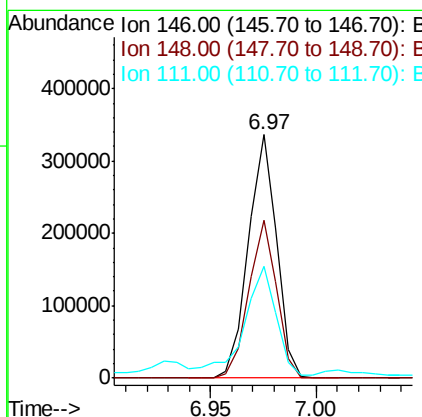
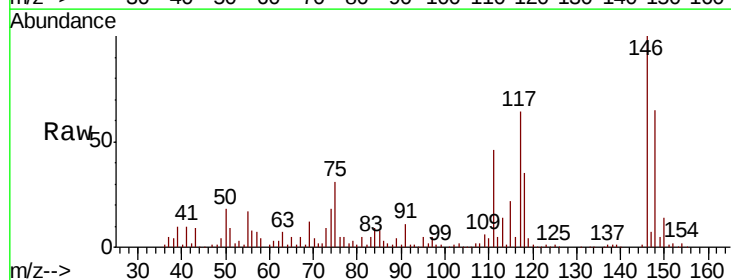
RT: 6.97 min Scan# 831

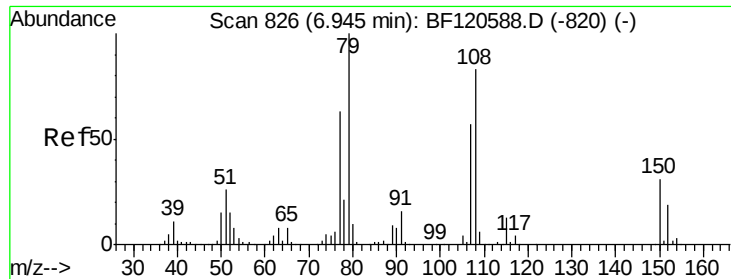
Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Tgt Ion:	146	Resp:	313264
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	45.7	33.6	50.4





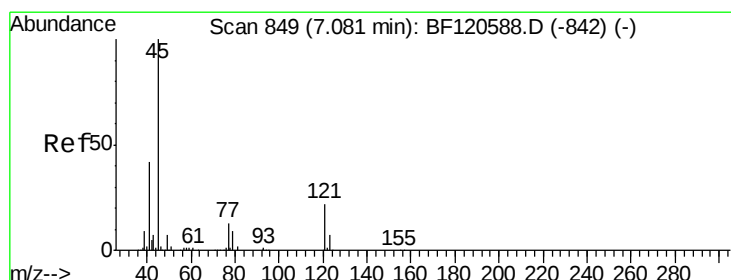
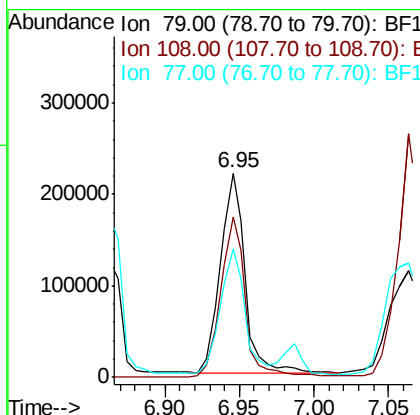
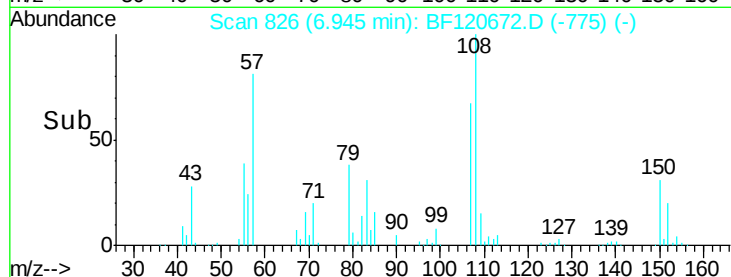
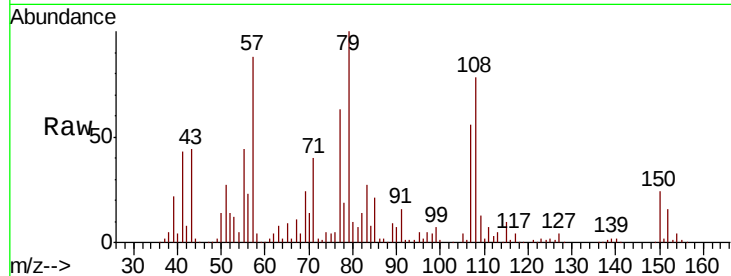
#15
Benzyl Alcohol
Concen: 42.739 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	66.8	100.2
77	63.0	50.6	76.0

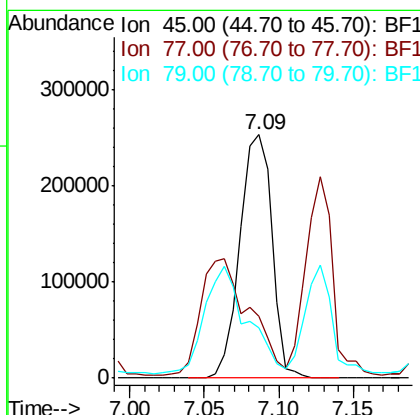
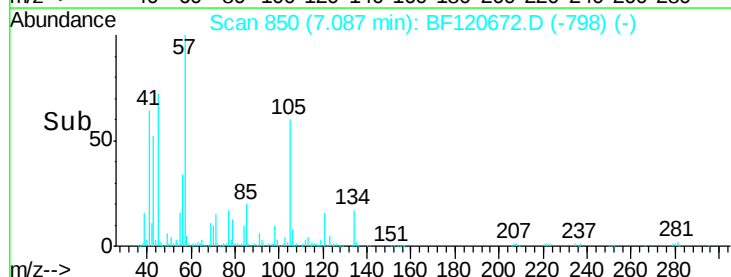
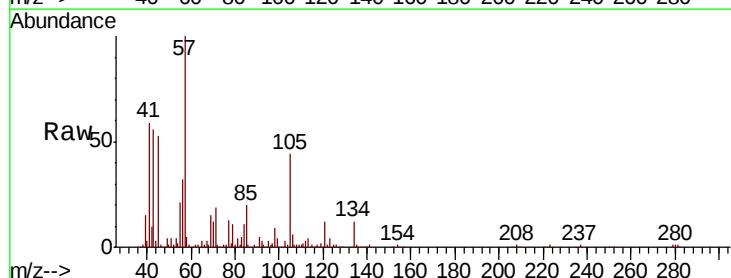
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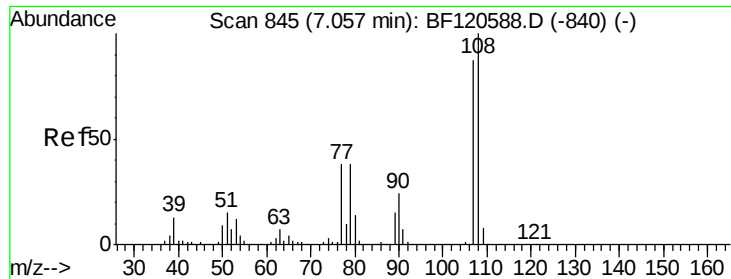
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.210 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.3	0.0	34.2
79	20.8	0.0	30.9





#17

2-Methylphenol

Concen: 37.612 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

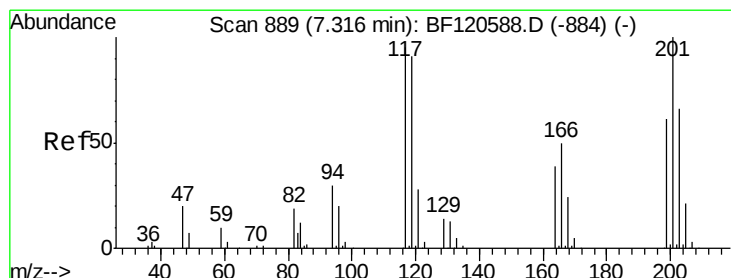
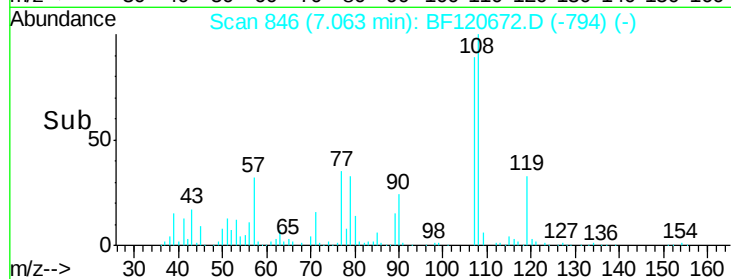
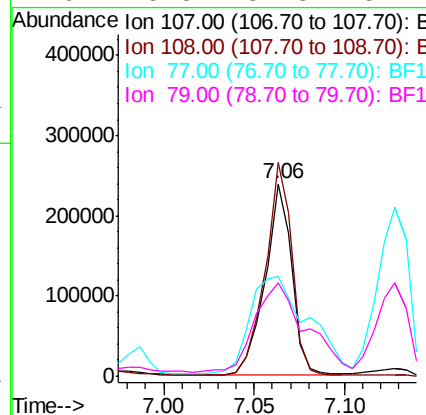
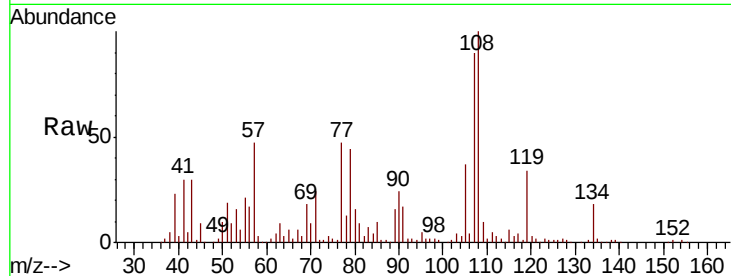
ClientSampleId :

MW-27(16.5-18.5)MSD

Tot Ion:	107	Resp:	244280
Ion Ratio	Lower	Upper	
107	100		
108	111.2	91.9	137.9
77	52.3	35.4	53.2
79	48.8	34.8	52.2

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#18

Hexachloroethane

Concen: 28.619 ng m

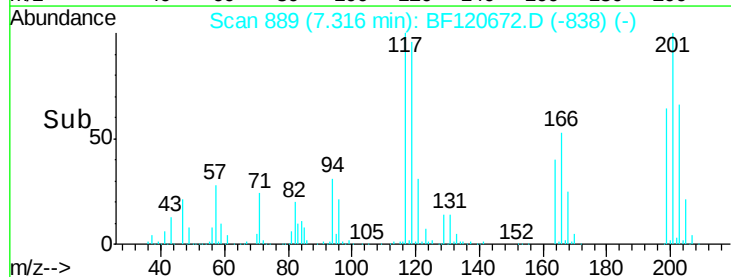
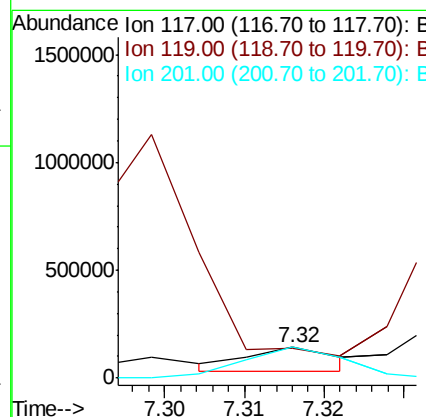
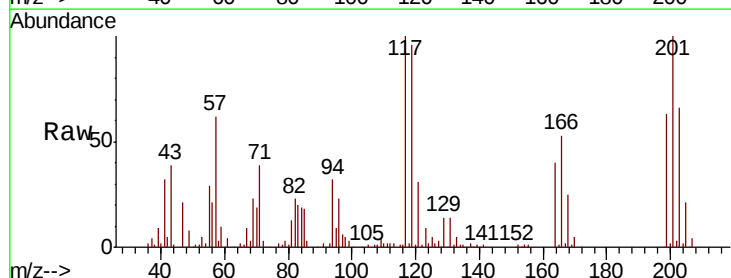
RT: 7.32 min Scan# 889

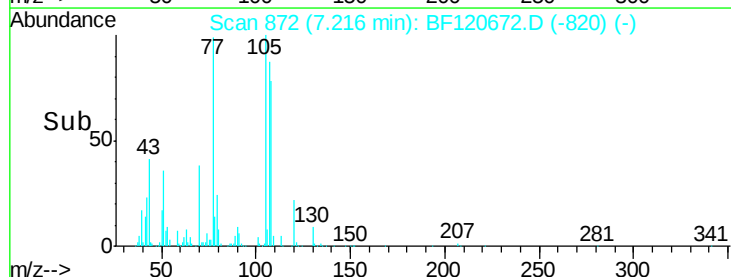
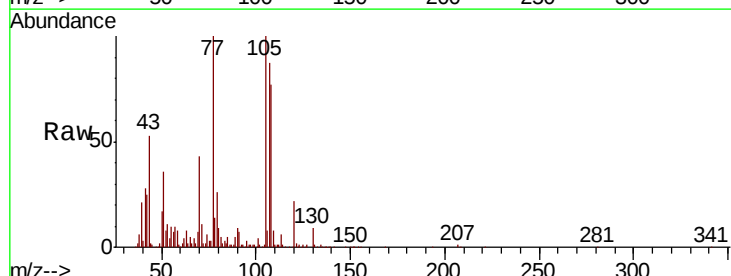
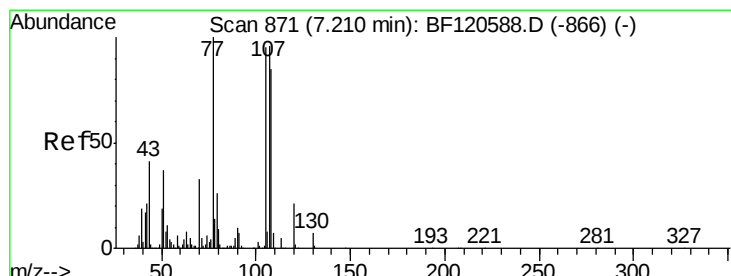
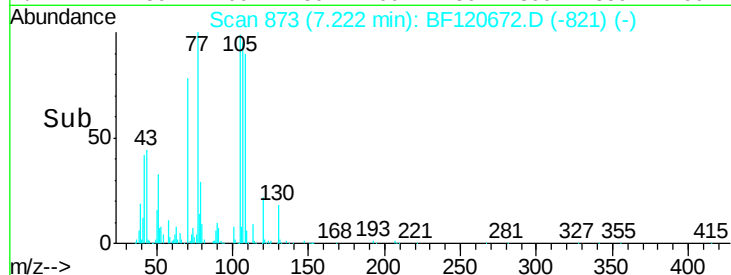
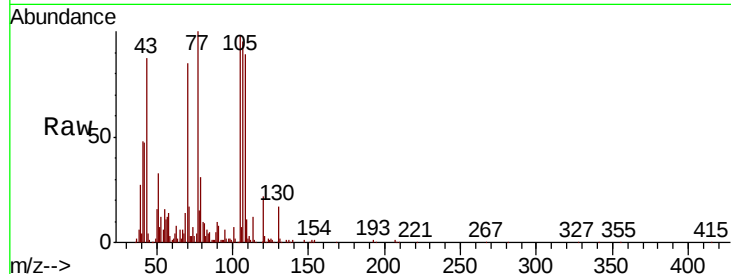
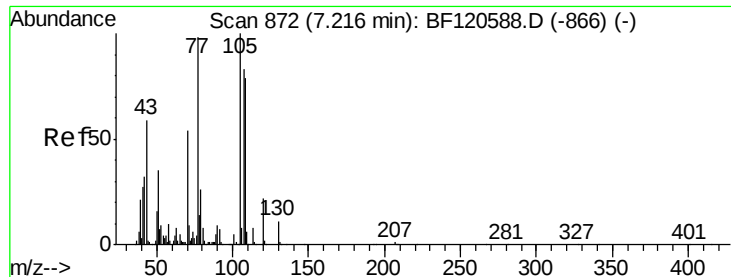
Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

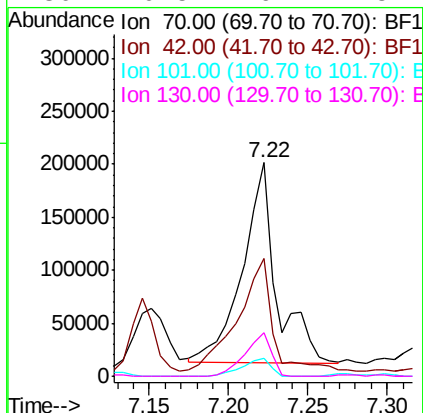
Tgt Ion:	117	Resp:	84229
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.9	115.3
201	99.8	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 58.140 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.7	71.5
101	8.7	7.6	11.4
130	20.5	16.7	25.1



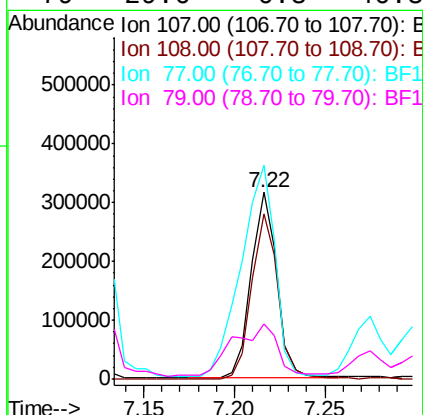
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

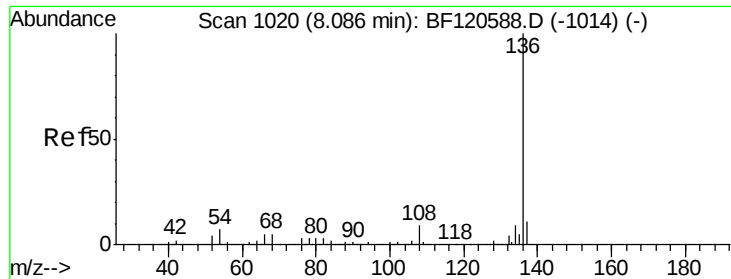
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#20
3+4-Methylphenols
Concen: 38.760 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	114.7	84.2	124.2
79	29.6	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

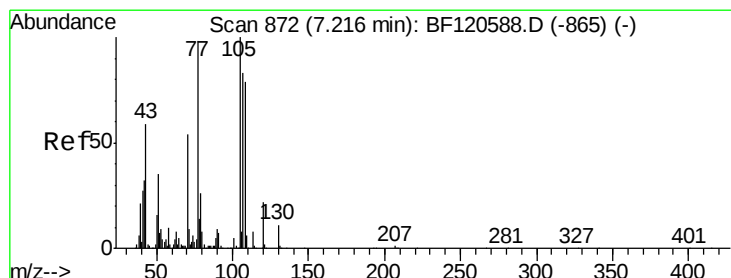
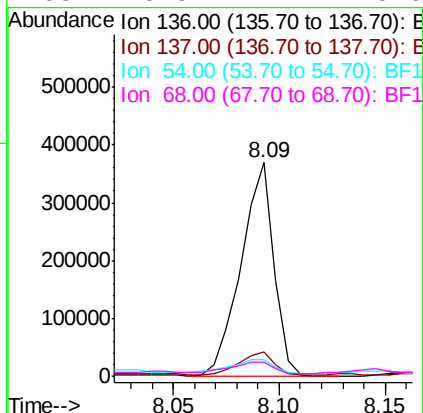
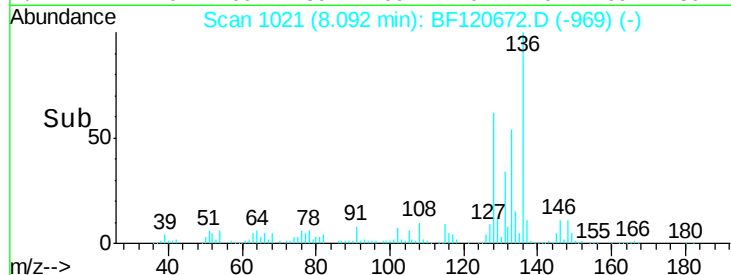
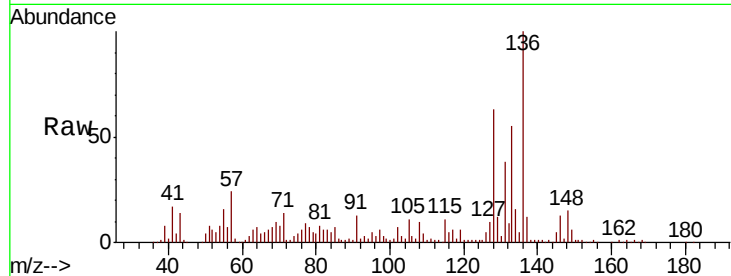
ClientSampleId :

MW-27(16.5-18.5)MSD

Tot Ion	136	Resp	395981
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	7.7	5.8	8.6
68	6.9	4.4	6.6#

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#22

Acetophenone

Concen: 25.468 ng m

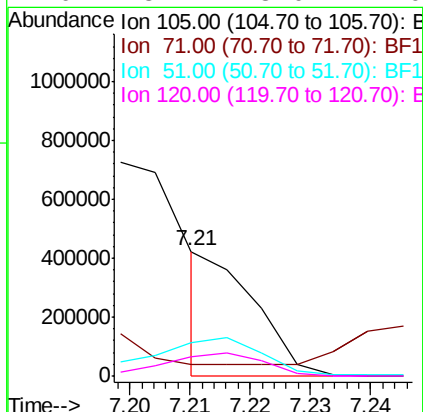
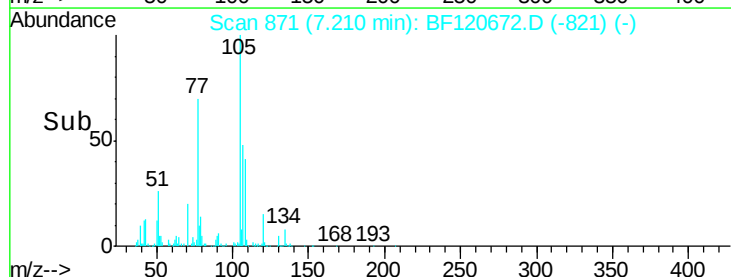
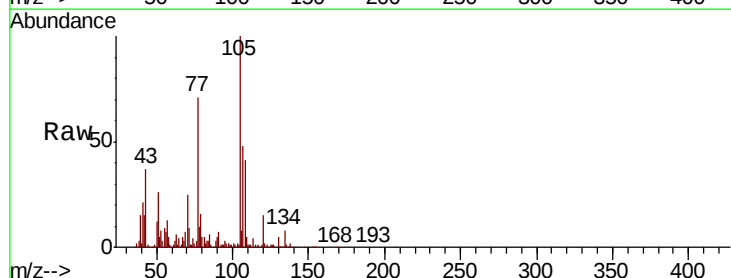
RT: 7.21 min Scan# 871

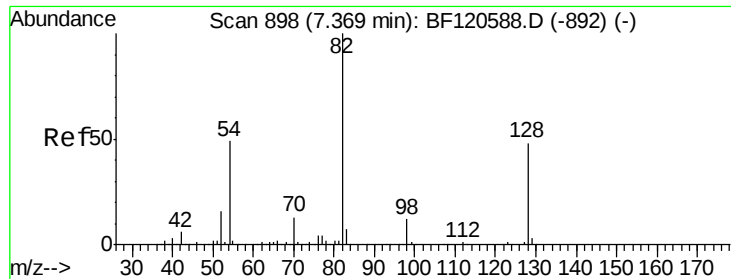
Delta R.T. -0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Tgt Ion	105	Resp	225464
Ion Ratio	Lower	Upper	
105	100		
71	9.4	7.2	10.8
51	26.3	27.8	41.8#
120	15.2	18.0	27.0#





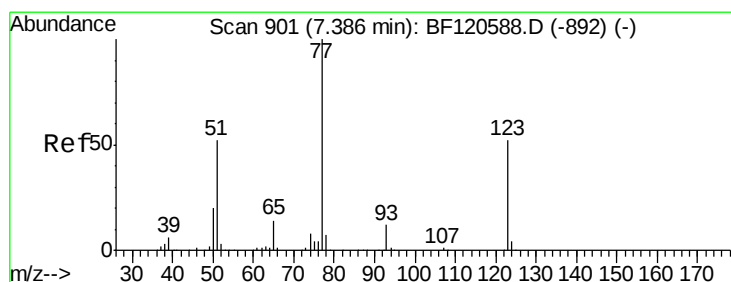
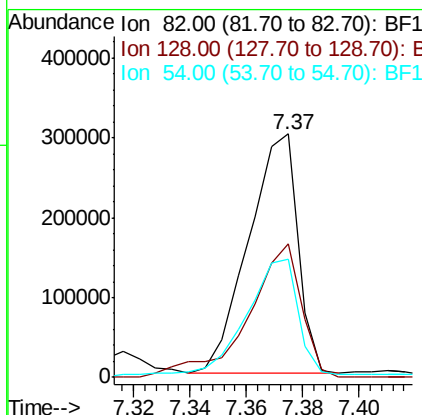
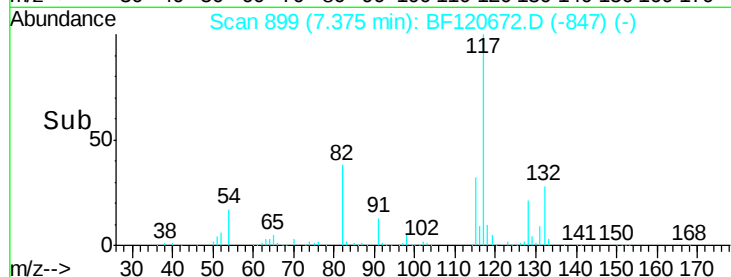
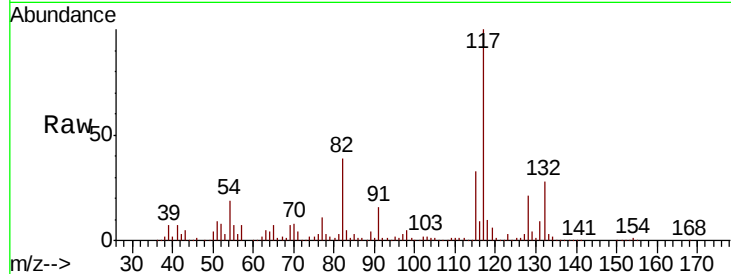
#23
 Nitrobenzene-d5
 Concen: 51.203 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion:	82	Resp:	362730
Ion Ratio	Lower	Upper	
82	100		
128	54.7	38.0	57.0
54	48.5	38.8	58.2

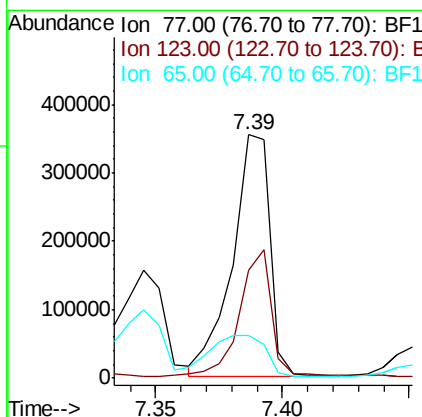
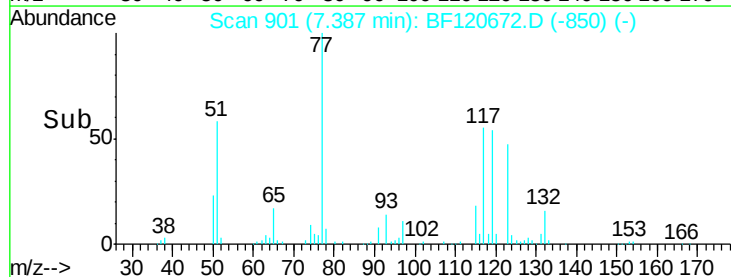
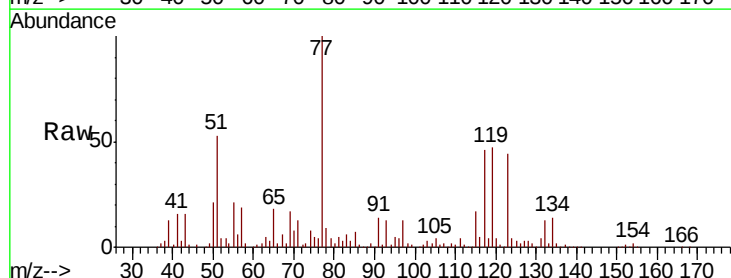
Manual Integrations
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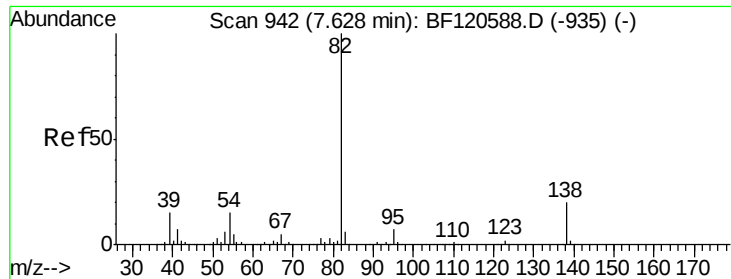
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#24
 Nitrobenzene
 Concen: 48.765 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion:	77	Resp:	361512
Ion Ratio	Lower	Upper	
77	100		
123	44.2	41.4	62.0
65	17.6	11.0	16.4#





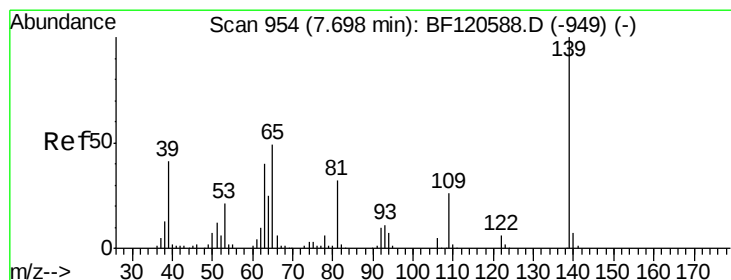
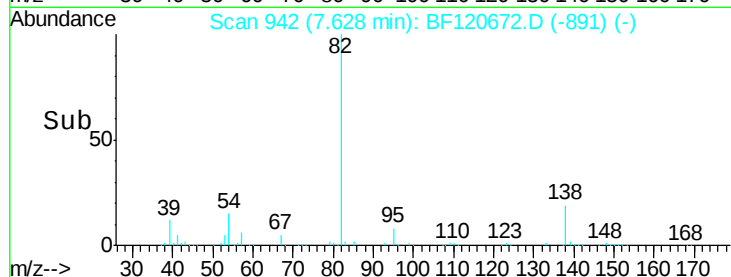
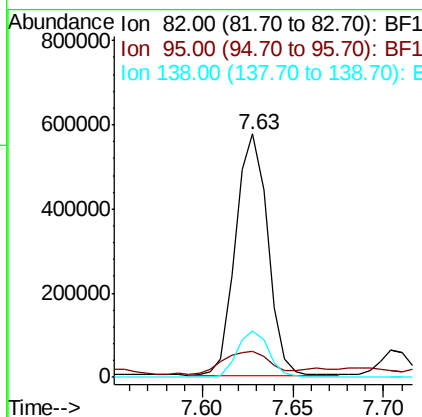
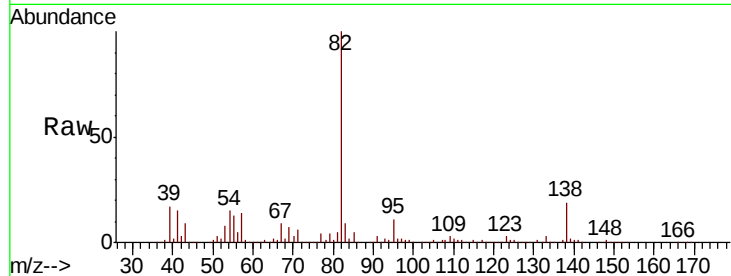
#25
Isophorone
Concen: 51.296 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	10.5	5.7	8.5#	
138	19.0	16.2	24.4	

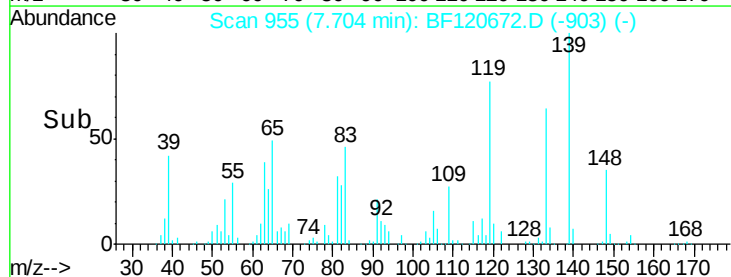
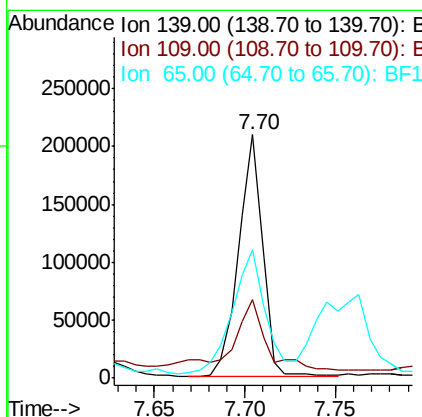
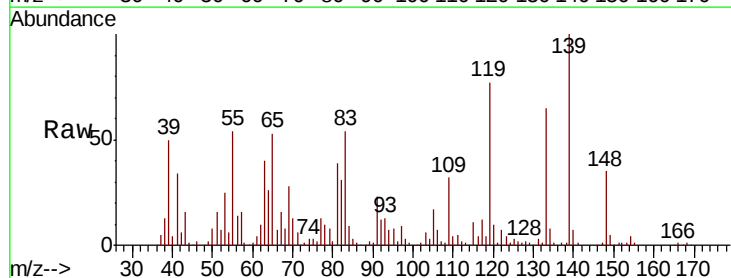
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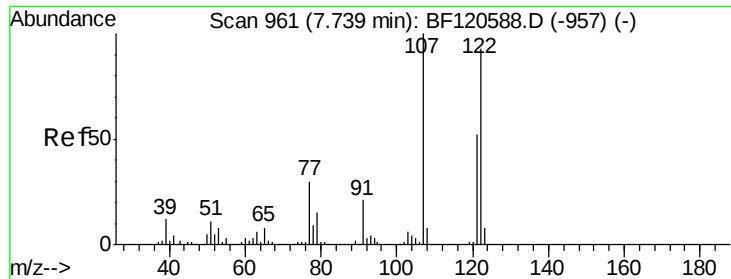
mohammad
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#26
2-Nitrophenol
Concen: 49.258 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.0	21.1	31.7#	
65	52.6	39.4	59.0	





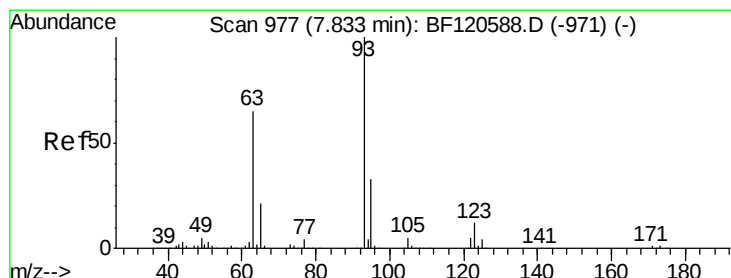
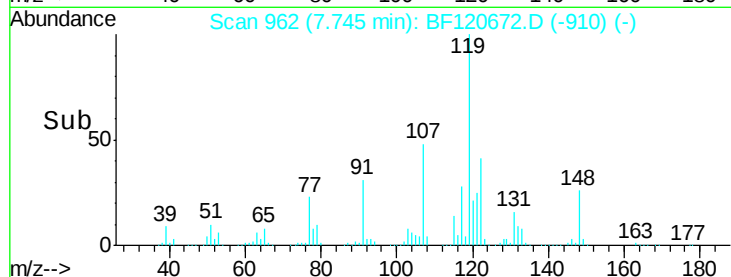
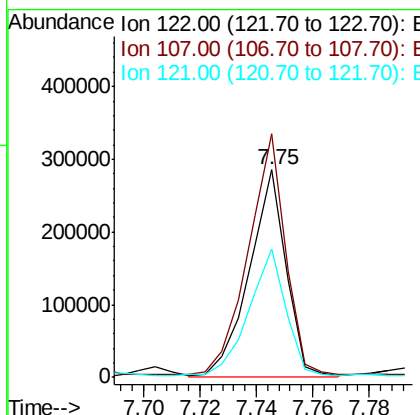
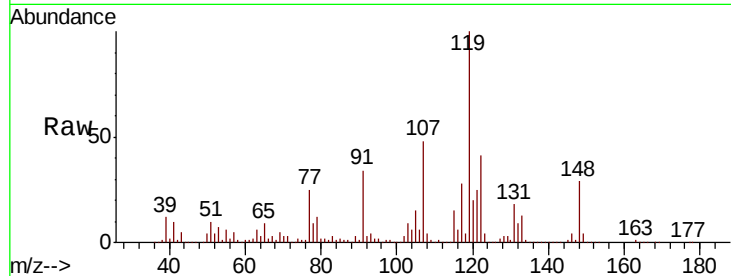
#27
2,4-Dimethylphenol
Concen: 44.505 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	256999		
107	117.4	86.4	129.6	
121	62.1	45.2	67.8	

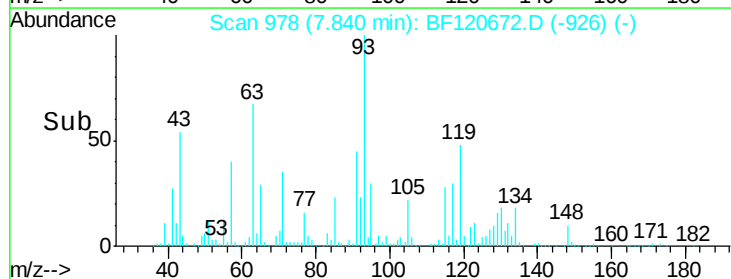
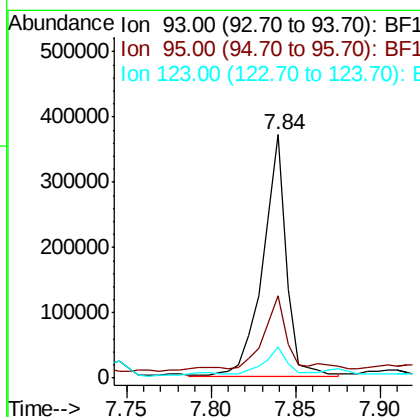
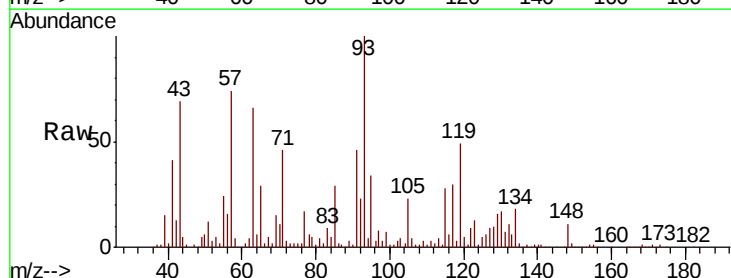
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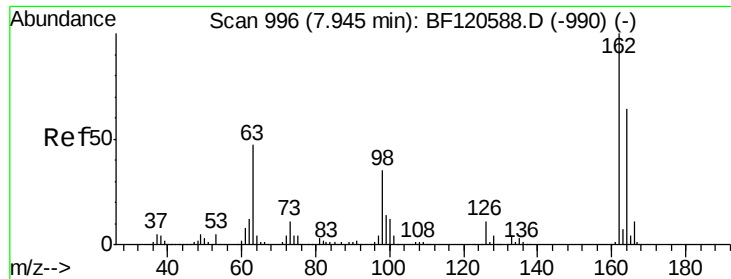
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.954 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	351600		
95	34.0	26.2	39.4	
123	12.8	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 52.235 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

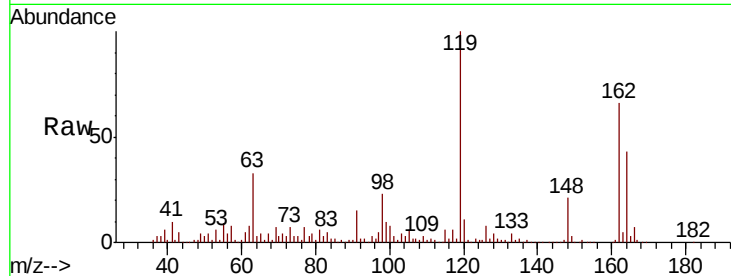
ClientSampleId :

MW-27(16.5-18.5)MSD

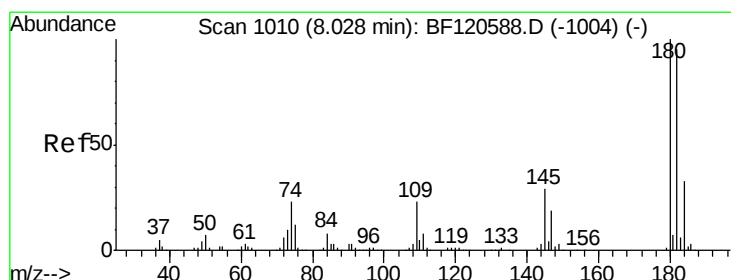
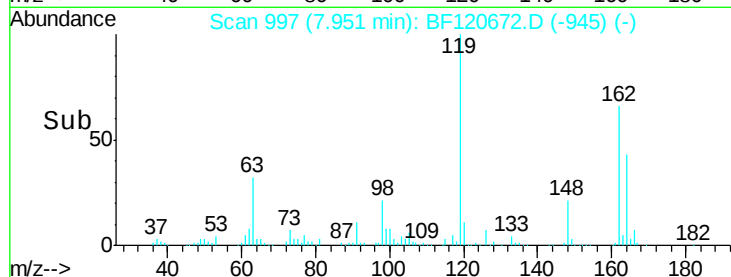
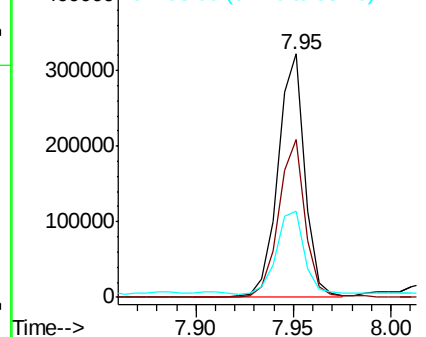
Tot Ion:	162	Resp:	306615
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.1	84.1
98	35.4	14.7	54.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 52.083 ng

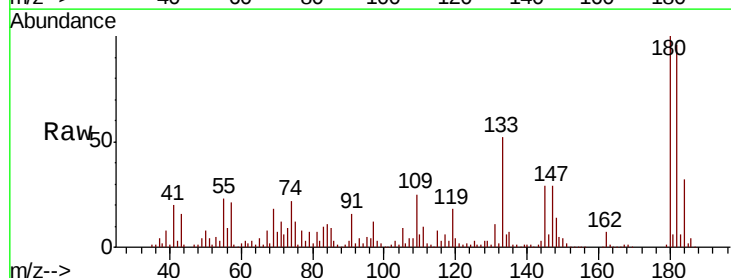
RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

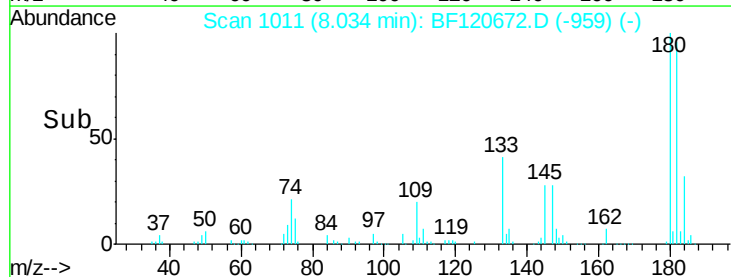
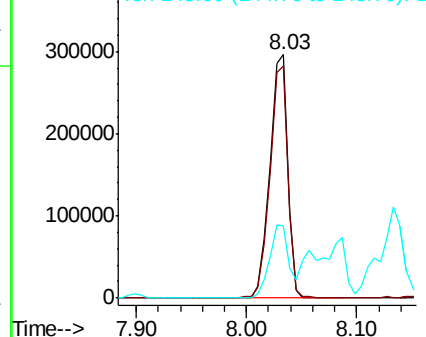
Lab File: BF120672.D

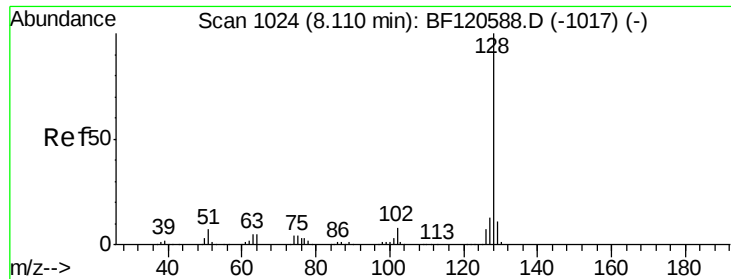
Acq: 19 Jun 2020 19:17

Tgt Ion:	180	Resp:	338799
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.8	113.6
145	29.5	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





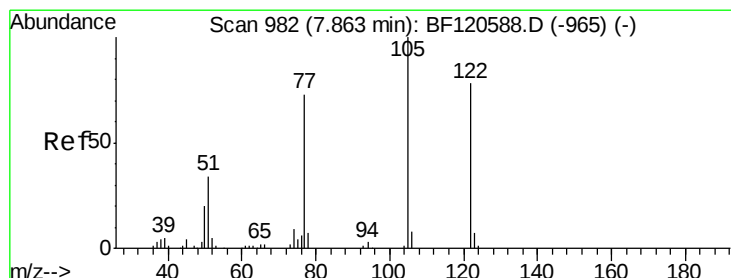
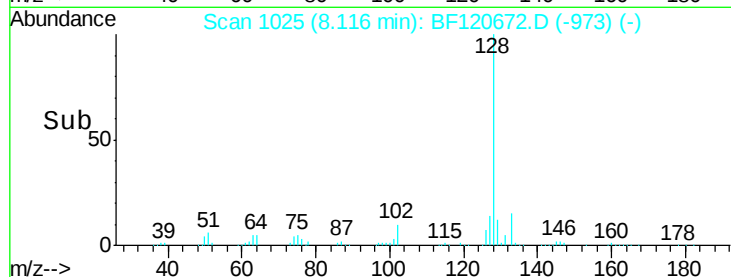
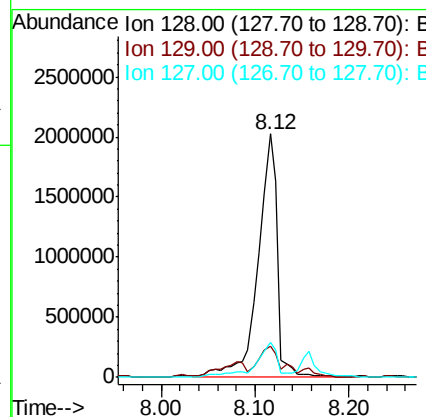
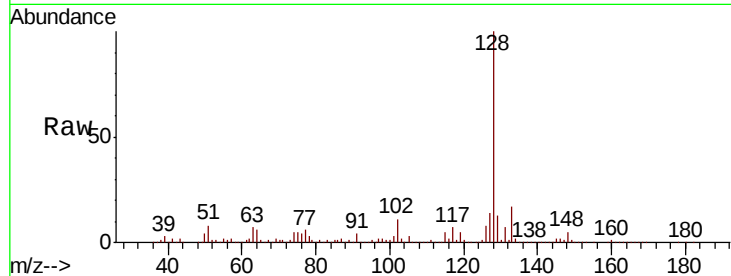
#31
Naphthalene
Concen: 147.700 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion:128 Resp: 2871878
Ion Ratio Lower Upper
128 100
129 12.9 8.8 13.2
127 14.4 10.6 15.8

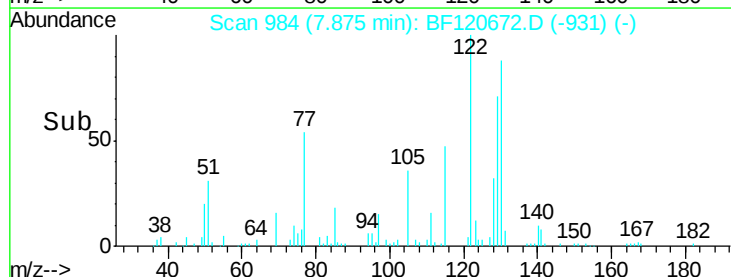
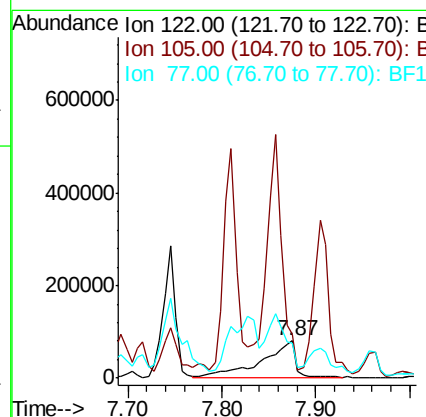
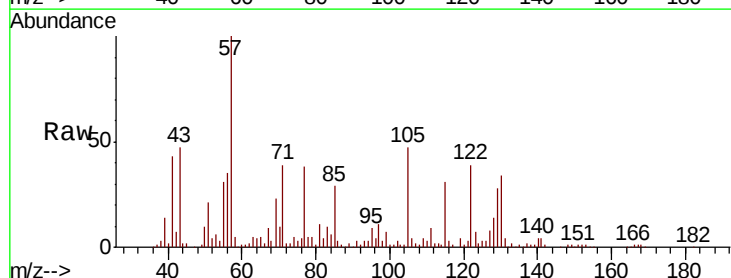
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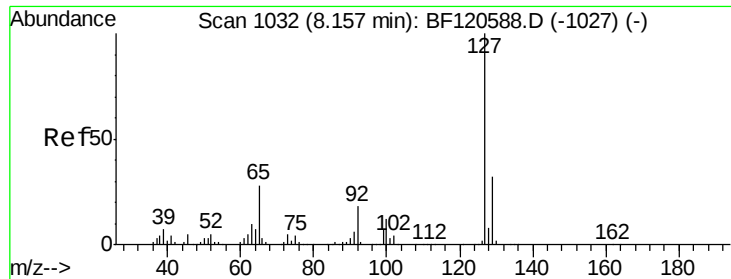
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#32
Benzoic acid
Concen: 43.966 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion:122 Resp: 194795
Ion Ratio Lower Upper
122 100
105 119.9 101.0 141.0
77 95.8 69.8 109.8





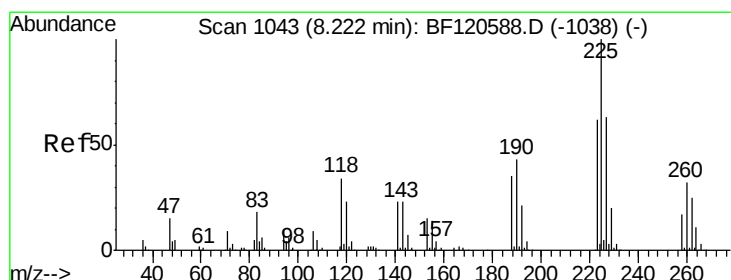
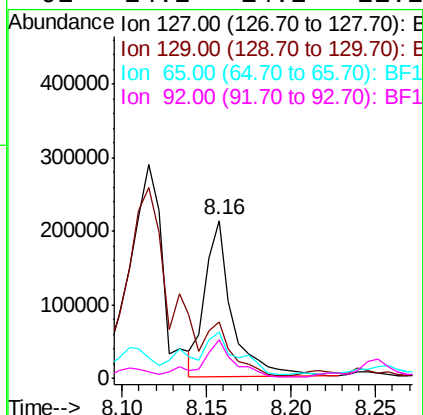
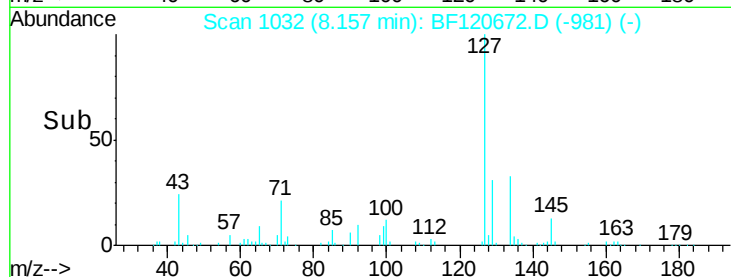
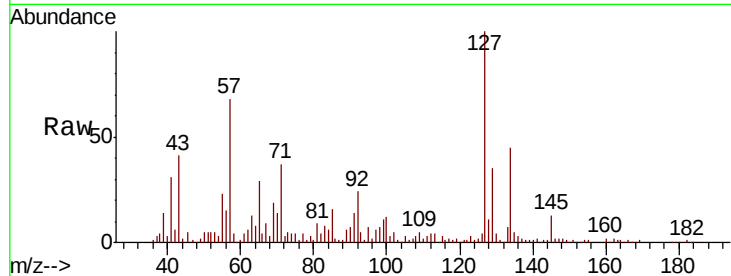
#33
4-Chloroaniline
Concen: 26.568 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.4	25.9	38.9
65	29.5	22.2	33.4
92	24.2	14.2	21.2

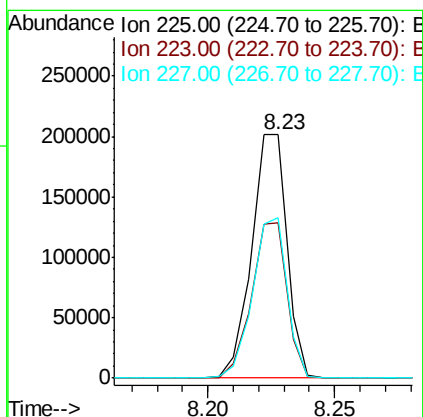
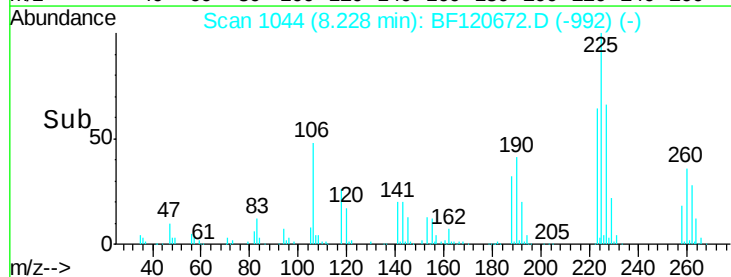
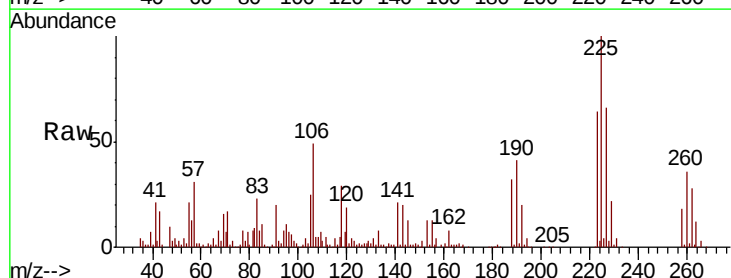
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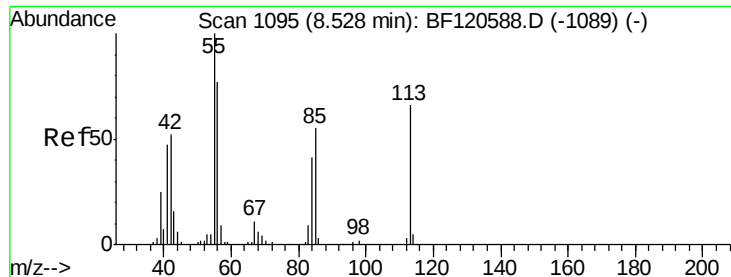
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#34
Hexachlorobutadiene
Concen: 51.952 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	66.1	50.5	75.7





#35

Caprolactam

Concen: 42.739 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MSD

Tot Ion:113 Resp: 80237

Ion Ratio Lower Upper

113 100

55 231.4 133.1 173.1#

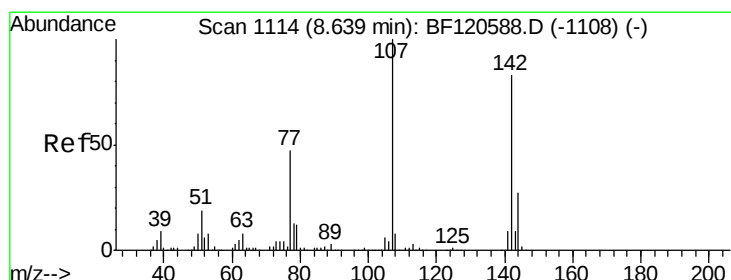
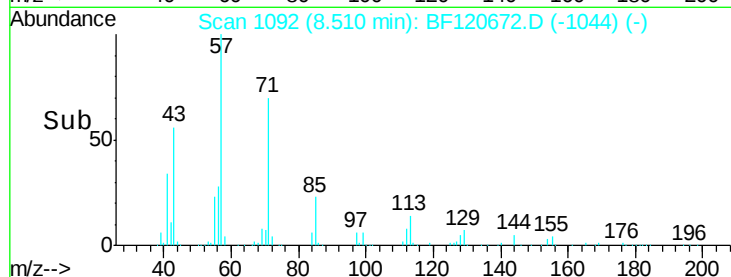
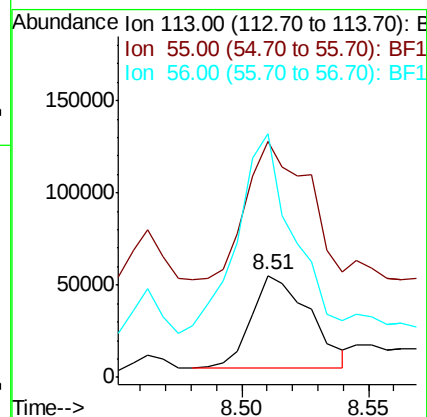
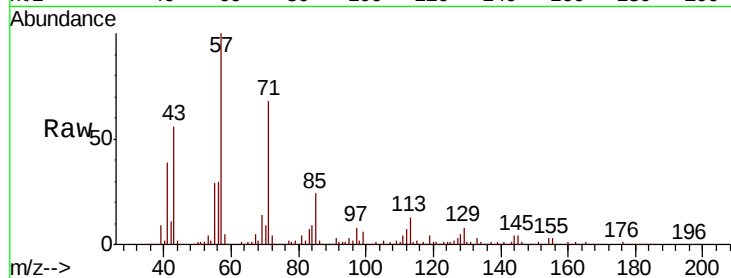
56 238.8 98.4 138.4#

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#36

4-Chloro-3-methylphenol

Concen: 48.308 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

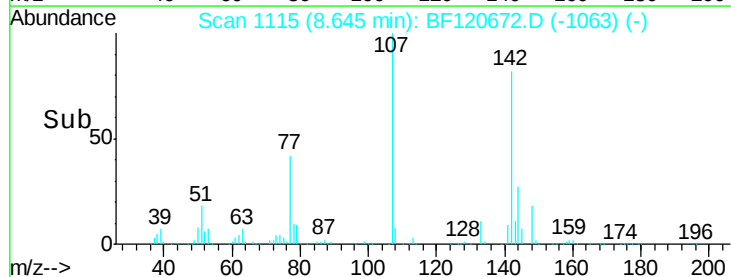
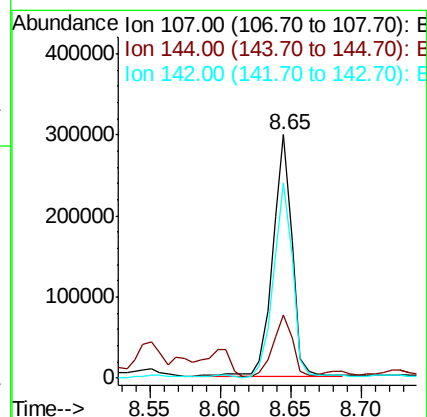
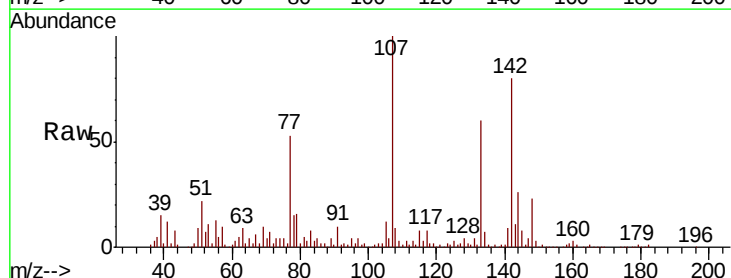
Tgt Ion:107 Resp: 283300

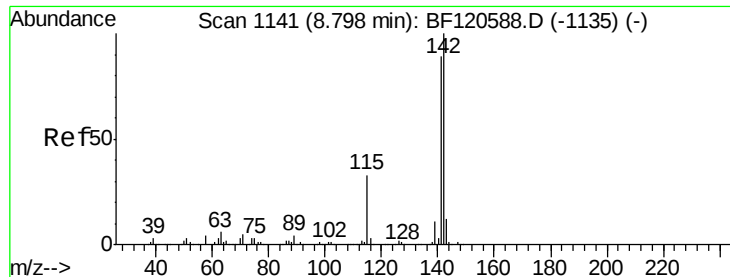
Ion Ratio Lower Upper

107 100

144 26.0 21.4 32.2

142 80.1 66.3 99.5





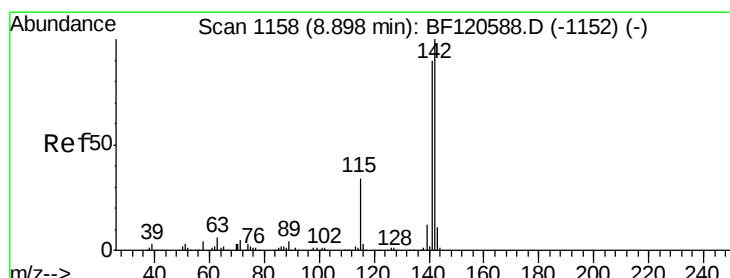
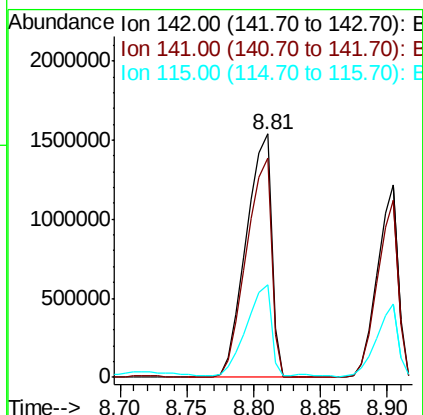
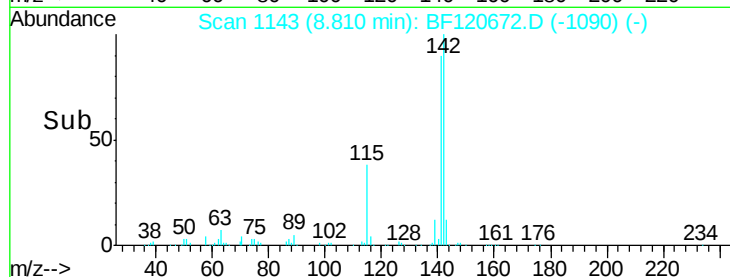
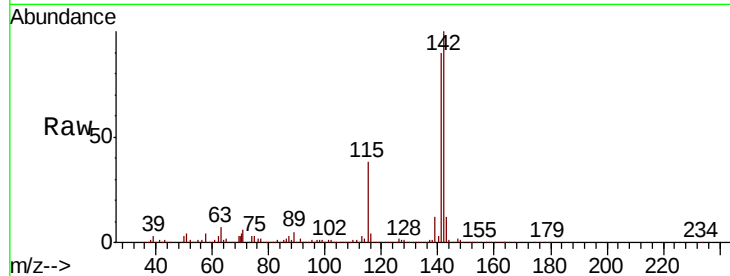
#37
2-Methylnaphthalene
Concen: 158.192 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0
115	38.0	26.1	39.1

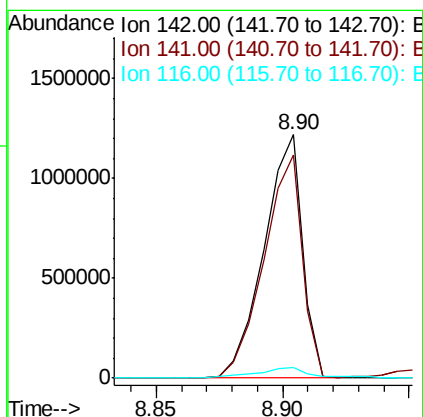
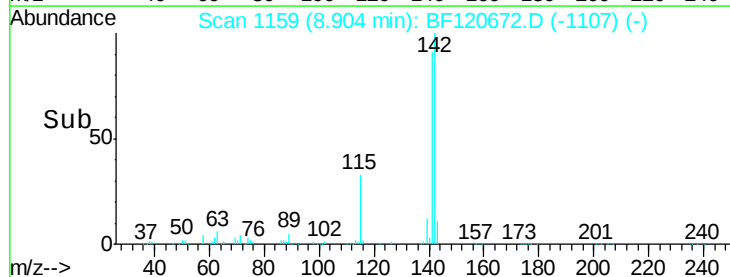
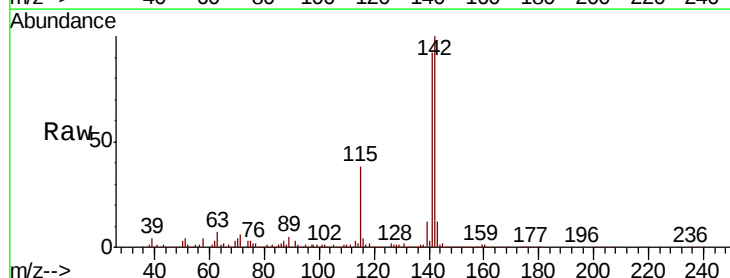
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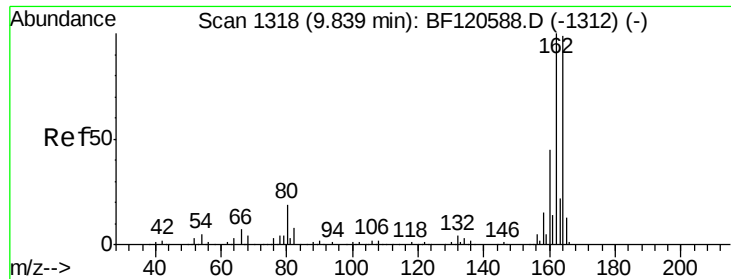
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#38
1-Methylnaphthalene
Concen: 108.055 ng m
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.1	108.1
116	4.1	2.7	4.1#





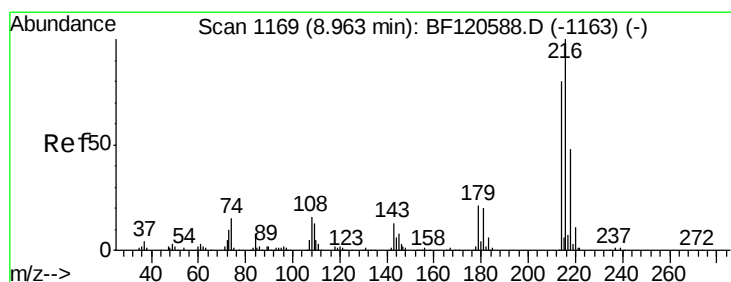
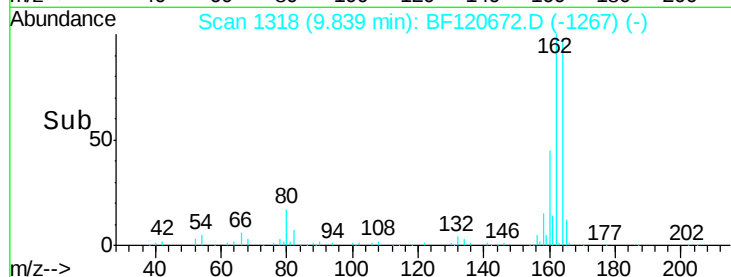
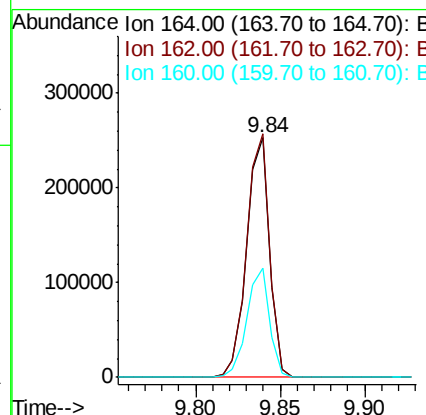
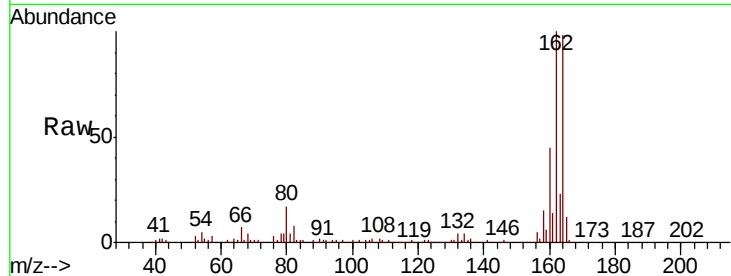
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	240249		
162	101.6	80.6	120.8	
160	45.3	36.2	54.2	

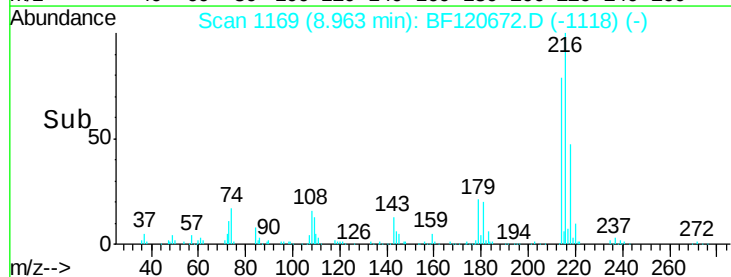
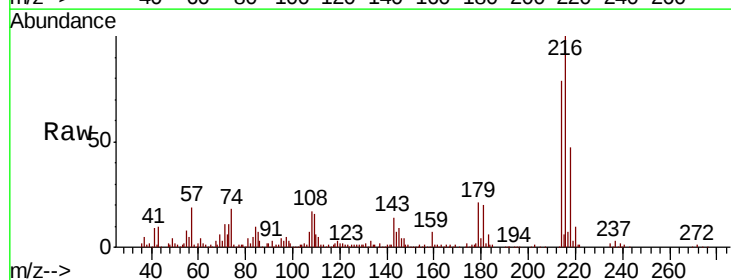
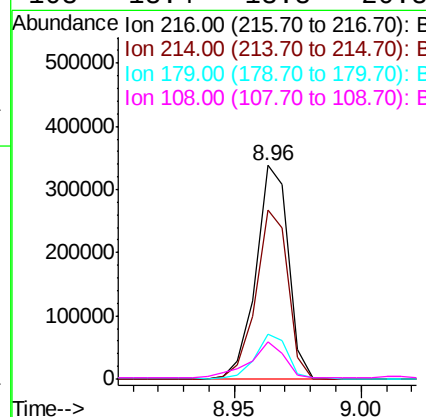
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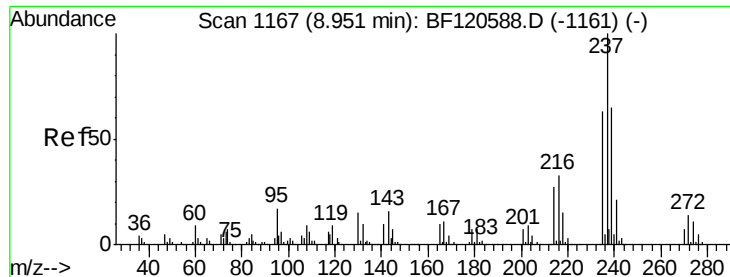
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.780 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	299713		
214	78.7	63.8	95.6	
179	20.4	16.4	24.6	
108	18.4	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 72.253 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

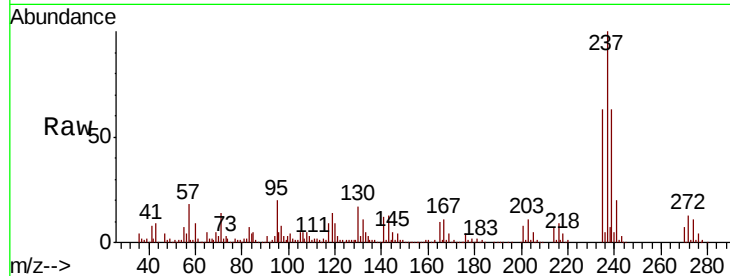
ClientSampleId :

MW-27(16.5-18.5)MSD

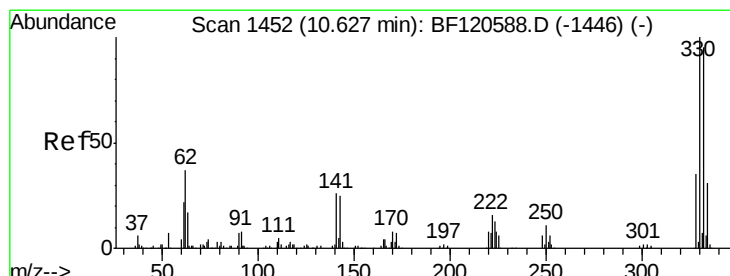
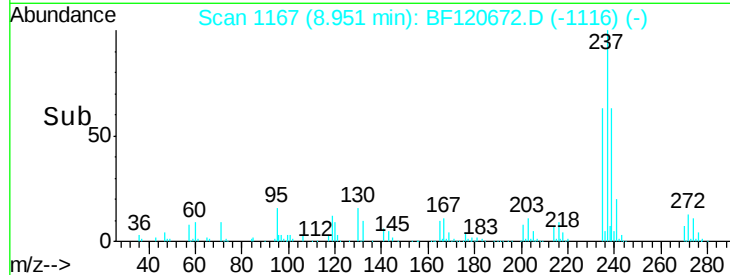
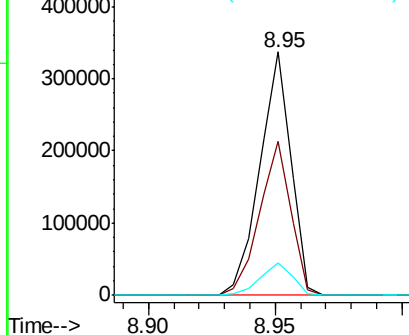
Tot Ion:	237	Resp:	290450
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.2	83.2
272	13.5	0.0	33.9

Manual Integrations
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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: 82.006 ng

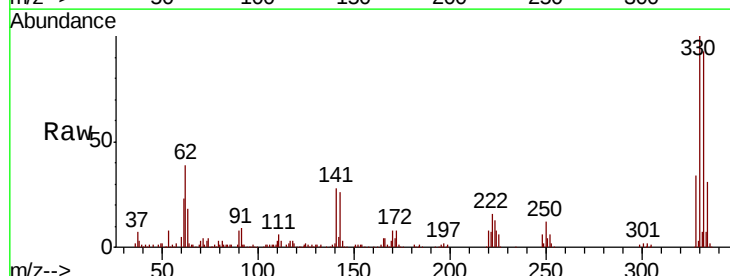
RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

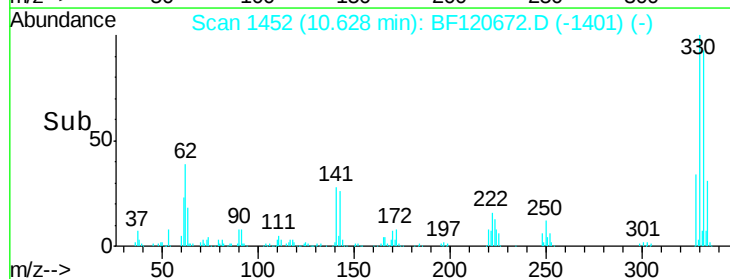
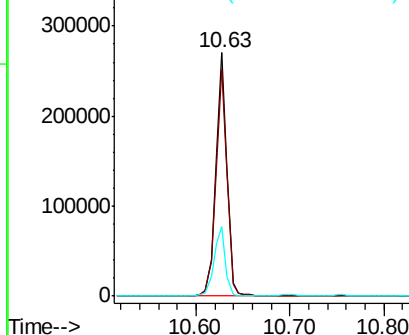
Lab File: BF120672.D

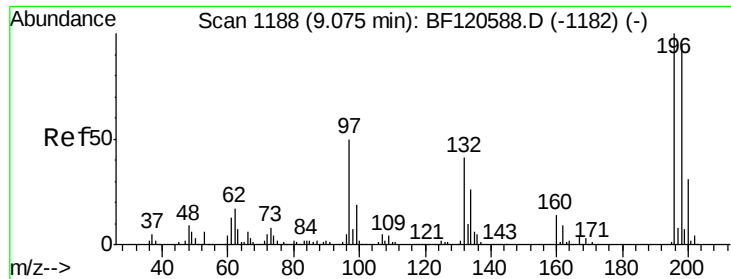
Acq: 19 Jun 2020 19:17

Tgt Ion:	330	Resp:	229061
Ion Ratio	Lower	Upper	
330	100		
332	93.6	76.8	115.2
141	28.6	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





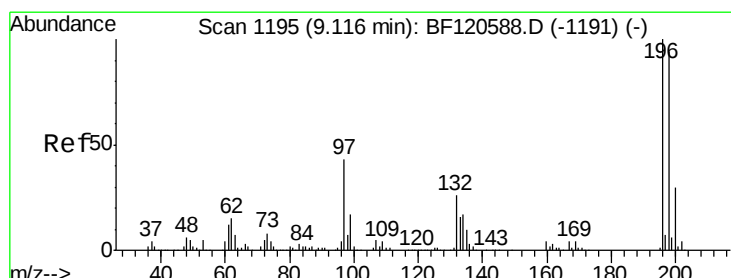
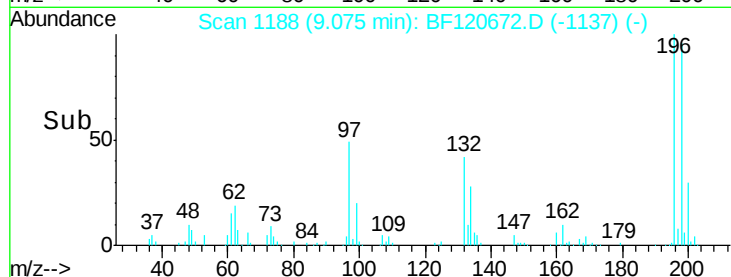
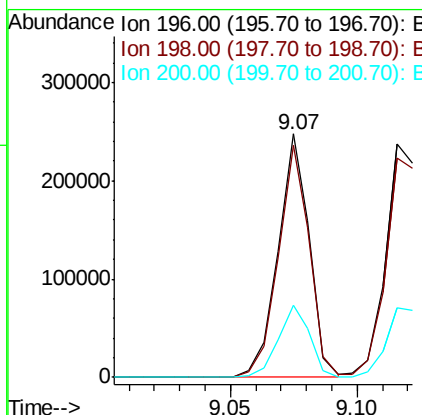
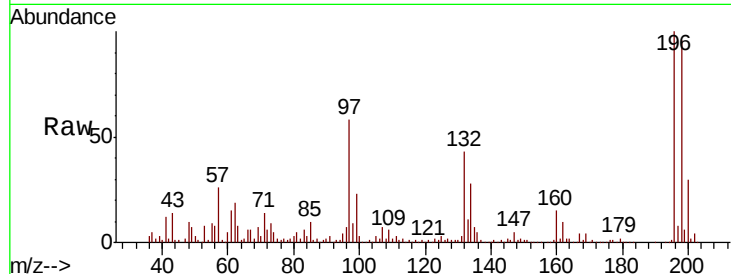
#43
2,4,6-Trichlorophenol
Concen: 41.747 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212436		
198	95.5	76.2	114.2	
200	29.8	24.6	37.0	

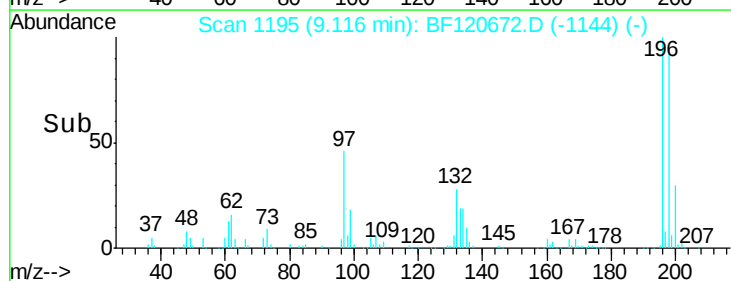
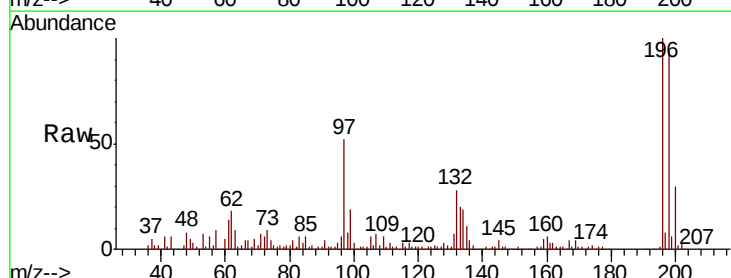
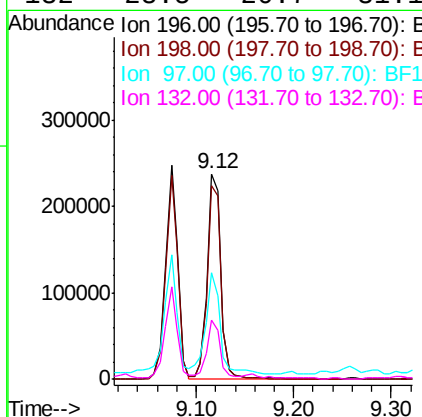
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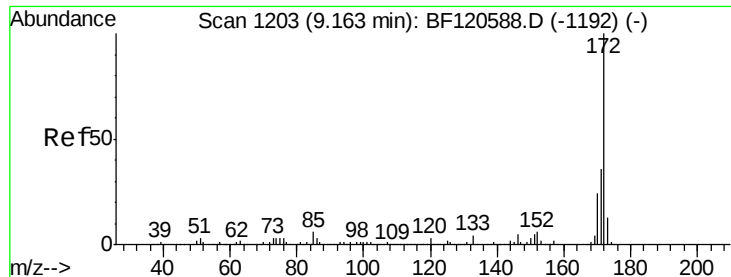
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#44
2,4,5-Trichlorophenol
Concen: 39.710 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229254		
198	93.9	75.5	113.3	
97	51.5	34.4	51.6	
132	28.5	20.7	31.1	





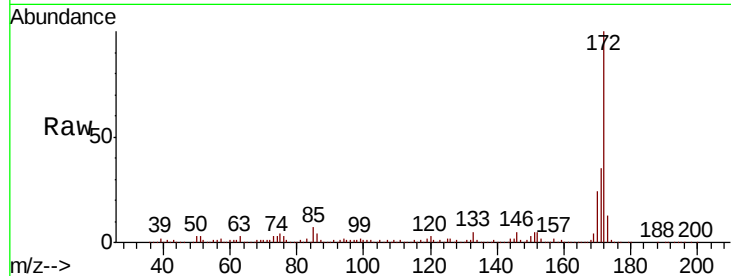
#45
2-Fluorobiphenyl
Concen: 59.313 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

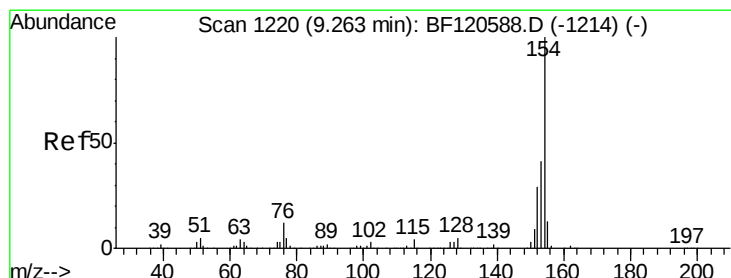
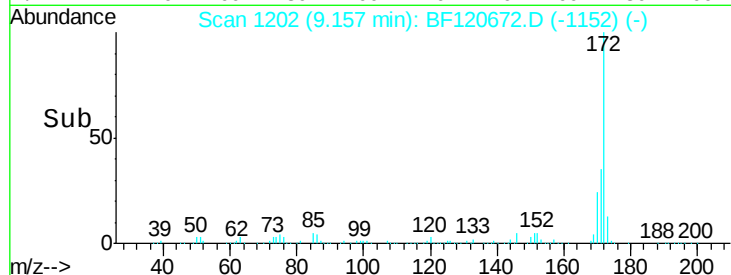
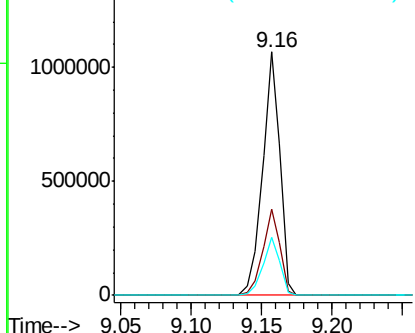
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.8	19.4	29.2

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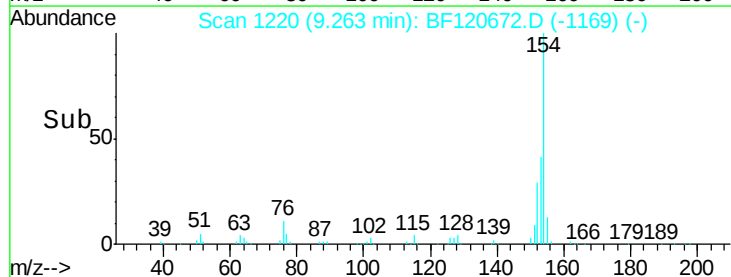
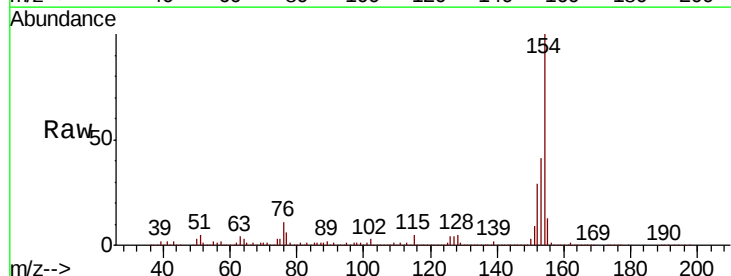
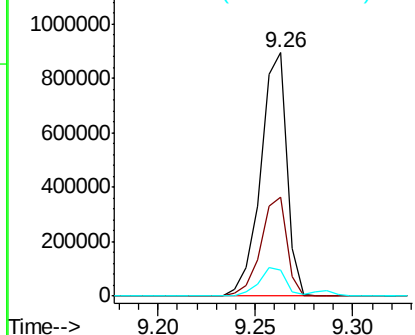
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

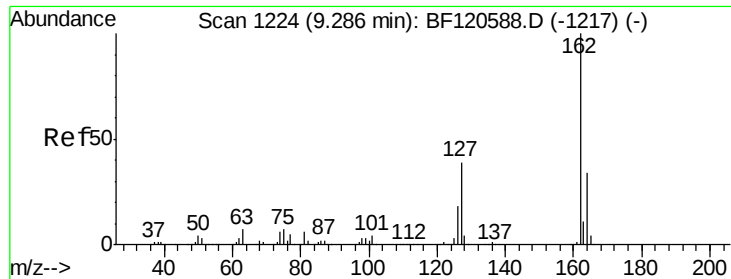


#46
1,1'-Biphenyl
Concen: 46.241 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	10.9	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





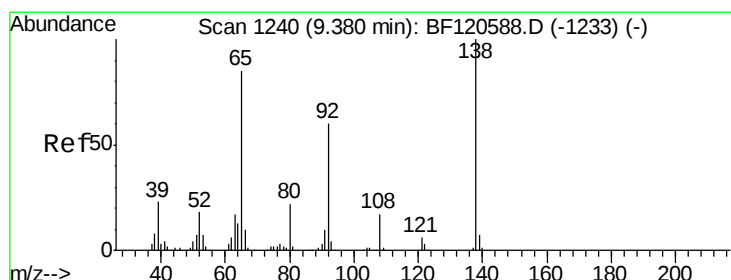
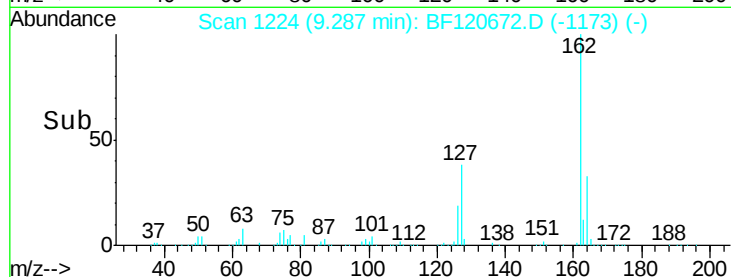
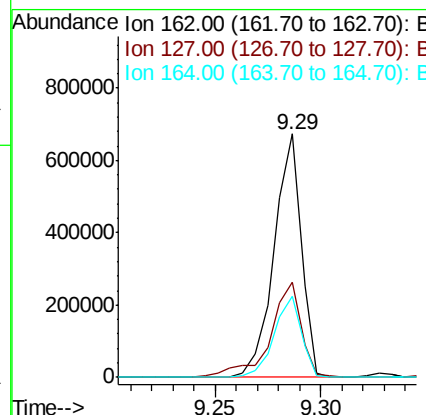
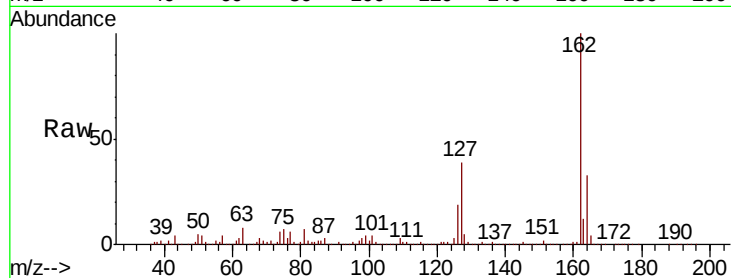
#47
2-Chloronaphthalene
Concen: 41.180 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.3	46.9
164	33.3	26.9	40.3

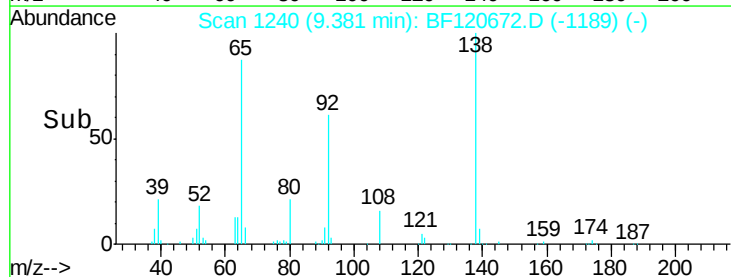
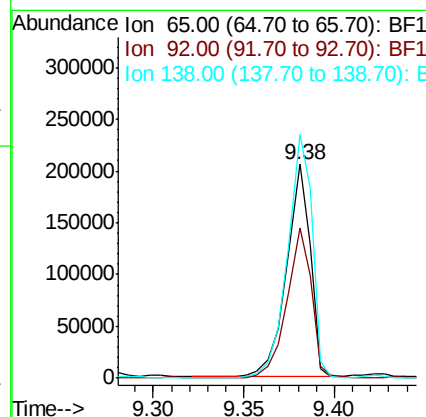
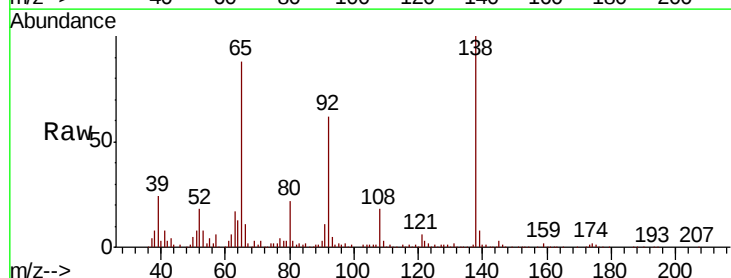
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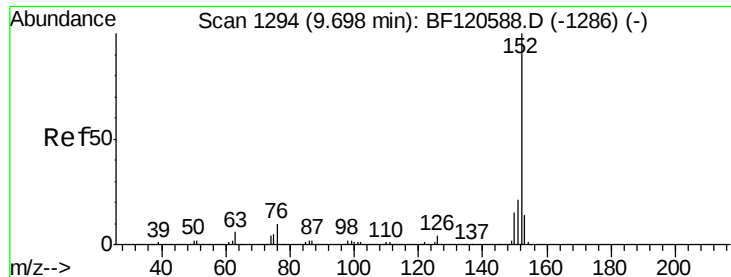
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#48
2-Nitroaniline
Concen: 40.903 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.0	84.0
138	114.0	94.0	141.0





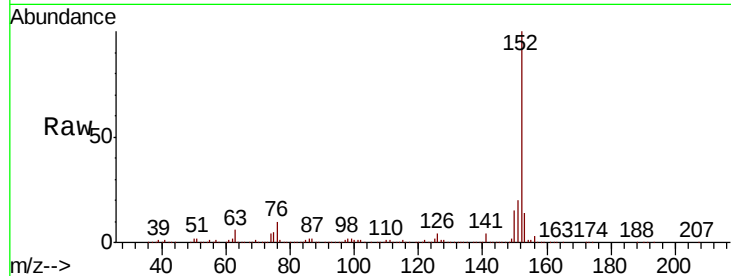
#49
Acenaphthylene
Concen: 42.994 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

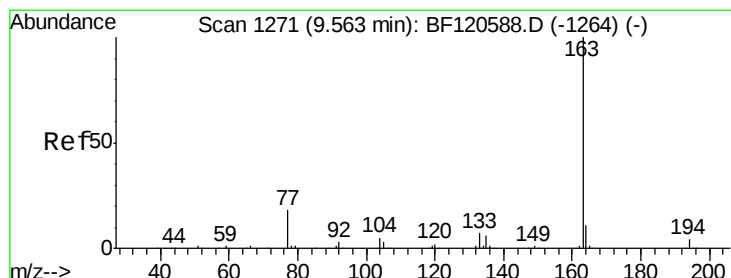
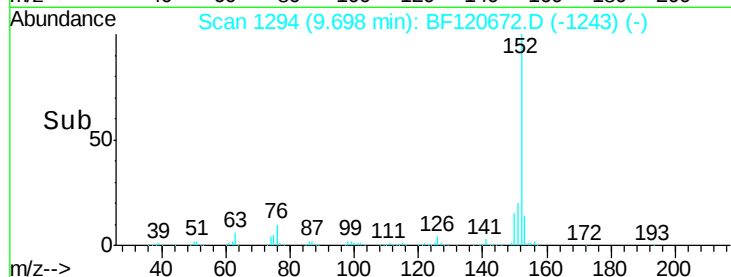
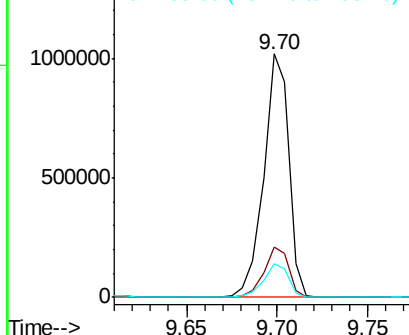
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		973390		
151	20.5	16.6	25.0		
153	13.9	11.0	16.6		

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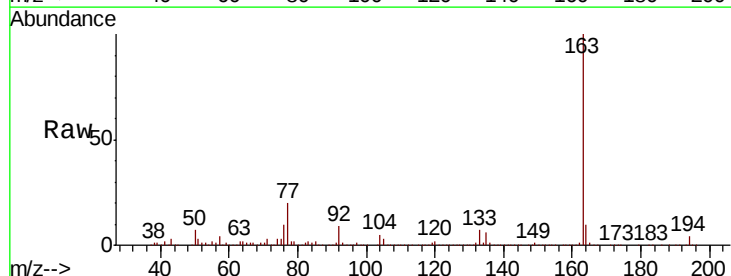


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

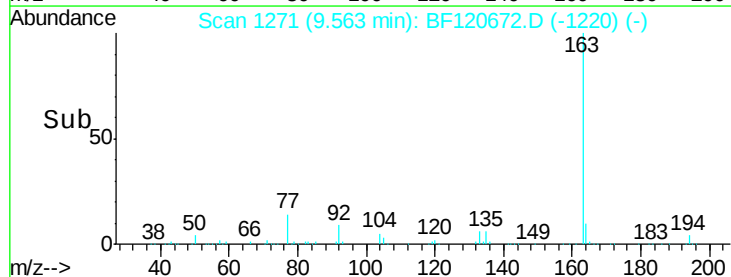
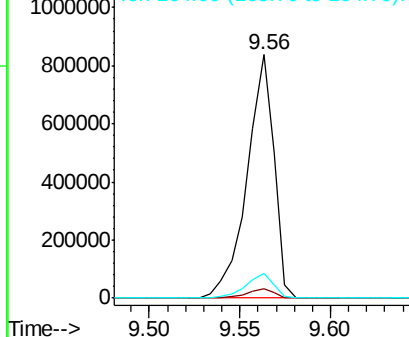


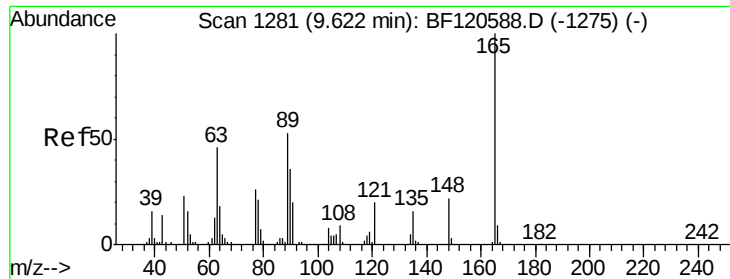
#50
Dimethylphthalate
Concen: 49.843 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		862420		
194	3.8	3.1	4.7		
164	10.2	8.5	12.7		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





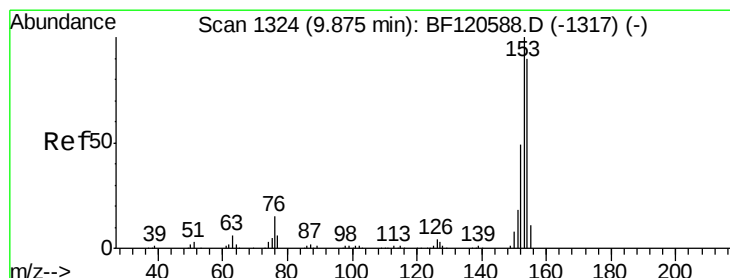
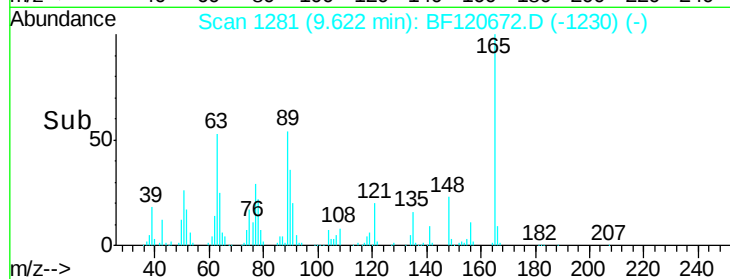
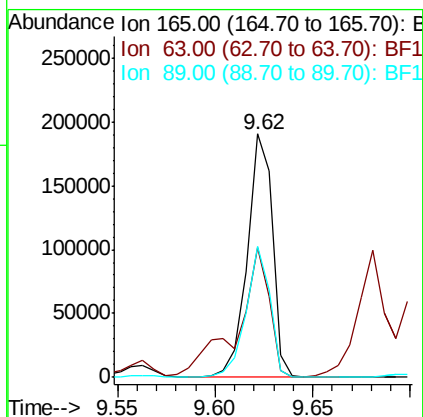
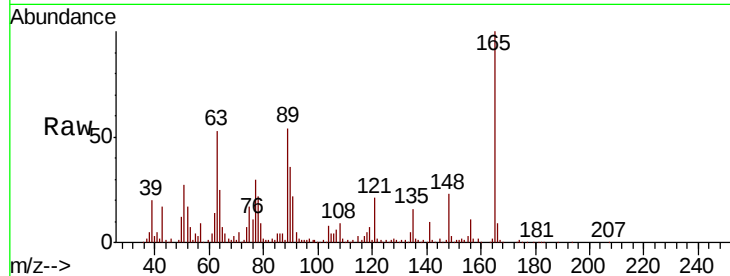
#51
 2,6-Dinitrotoluene
 Concen: 43.066 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168876		
63	53.4	41.7	62.5	
89	53.7	42.6	64.0	

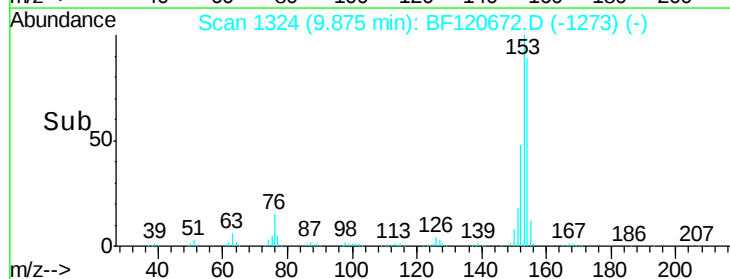
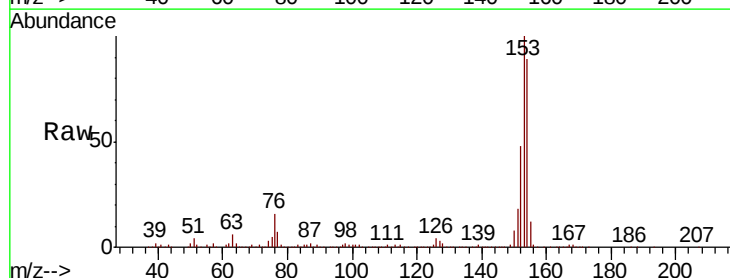
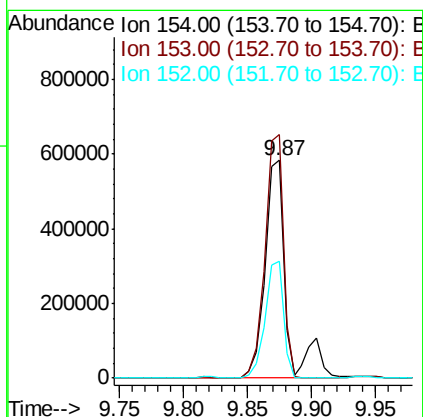
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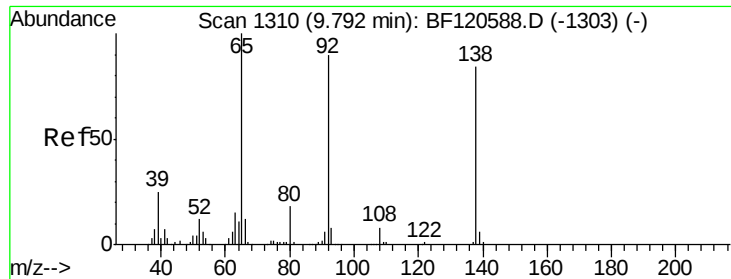
mohammad
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#52
 Acenaphthene
 Concen: 49.561 ng m
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	669210		
153	111.8	89.1	133.7	
152	53.4	43.7	65.5	





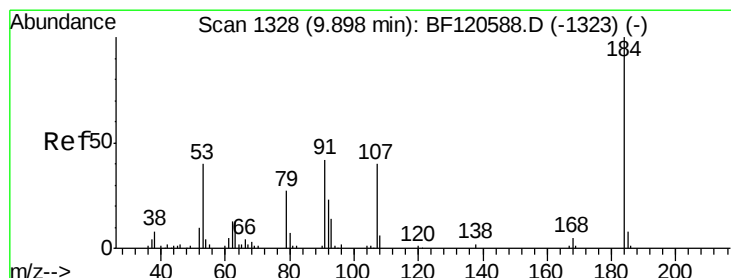
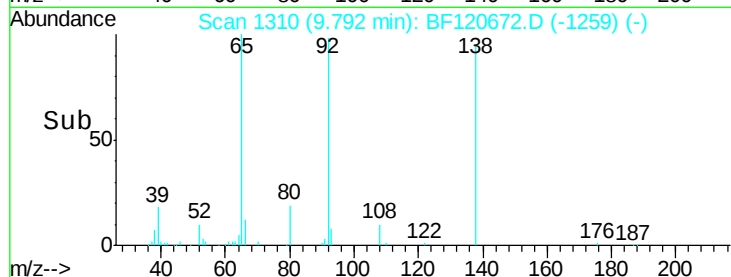
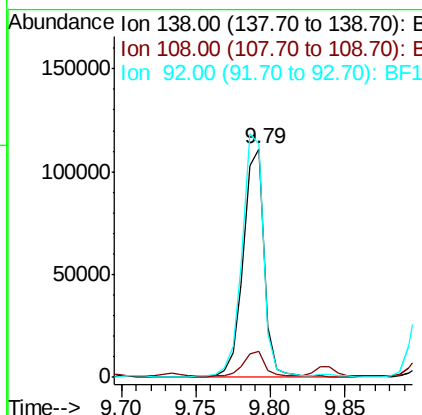
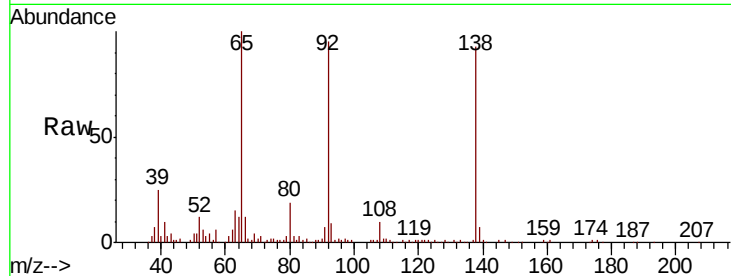
#53
3-Nitroaniline
Concen: 22.832 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.0	12.0
92	102.3	86.0	129.0

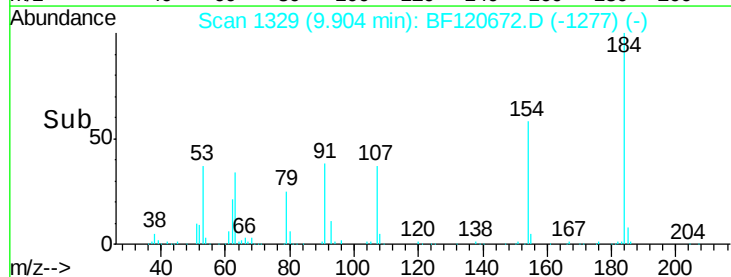
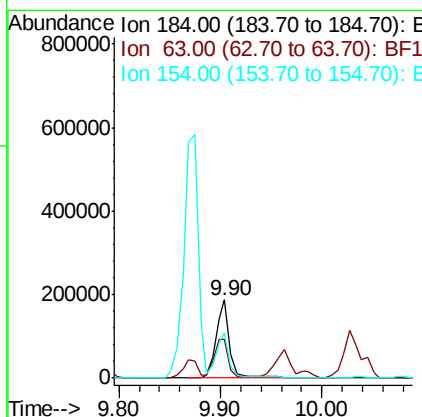
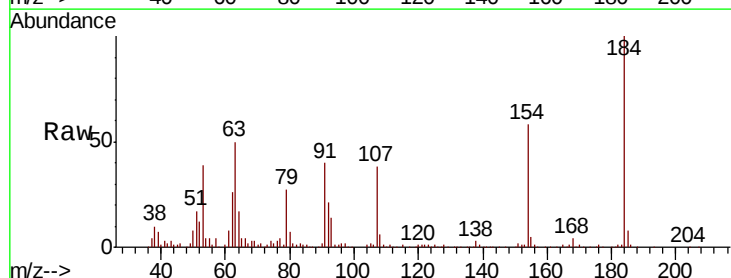
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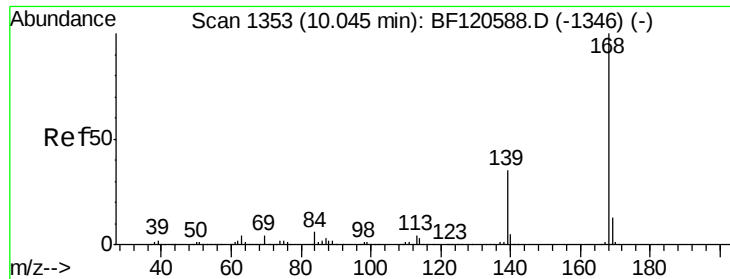
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.191 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.0	44.2	66.2
154	58.0	45.9	68.9





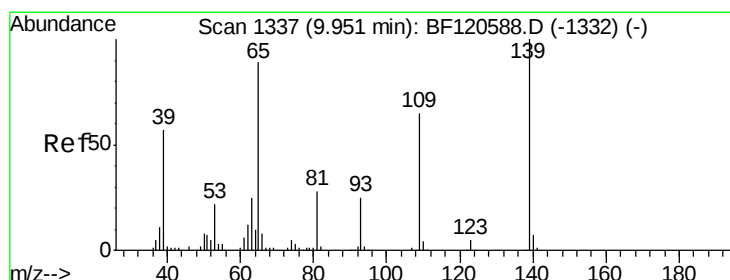
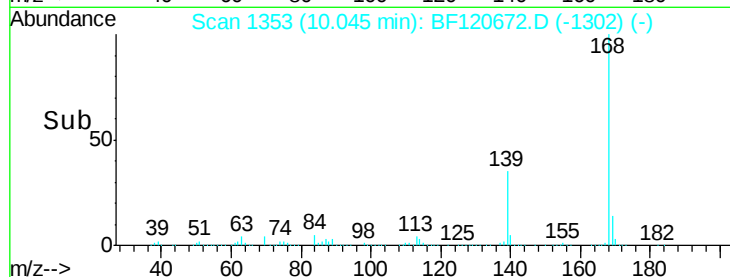
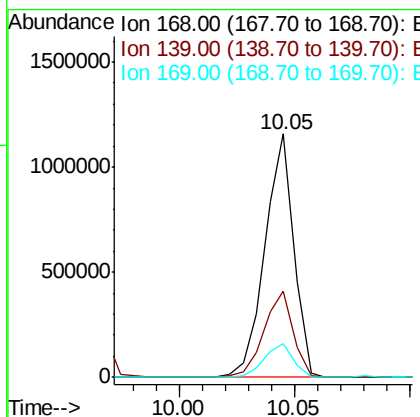
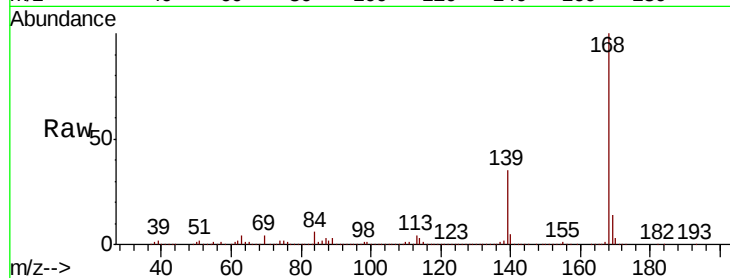
#55
Dibenzenofuran
Concen: 48.784 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.1	42.1
169	13.6	10.6	16.0

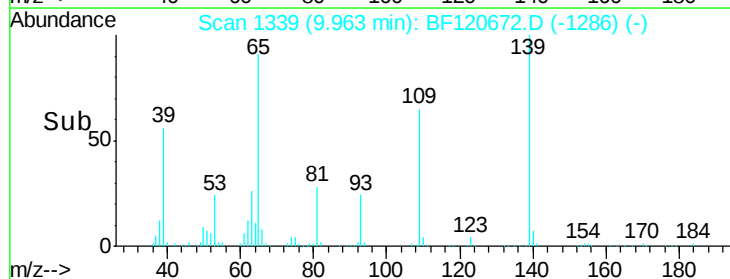
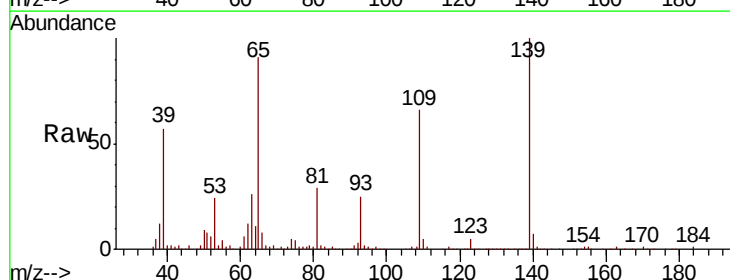
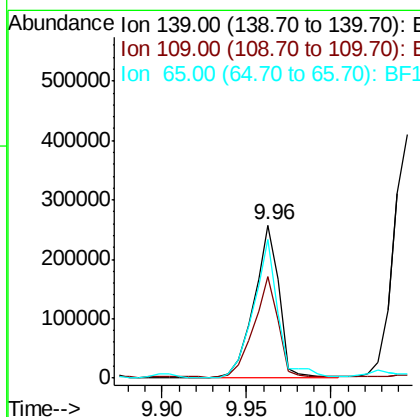
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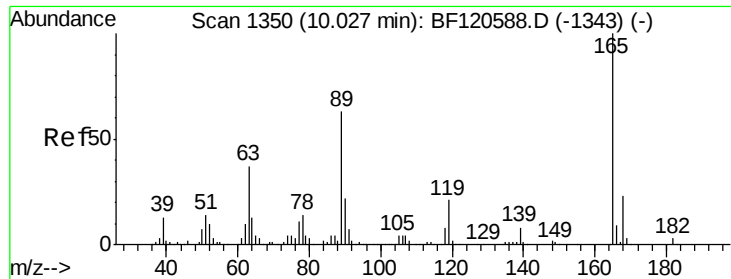
mohammad
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#56
4-Nitrophenol
Concen: 74.286 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	44.6	84.6
65	90.6	69.2	109.2





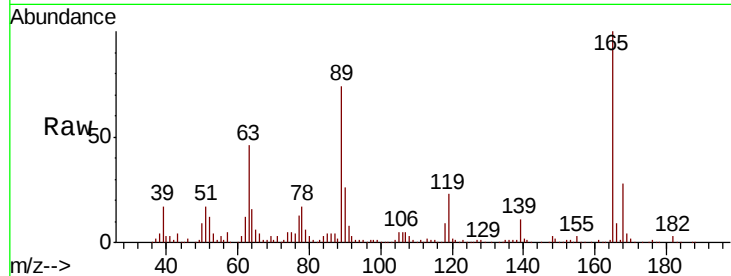
#57
2,4-Dinitrotoluene
Concen: 44.284 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	230427		
63	45.7	29.8	44.8#	
89	73.5	50.4	75.6	
182	2.8	2.1	3.1	

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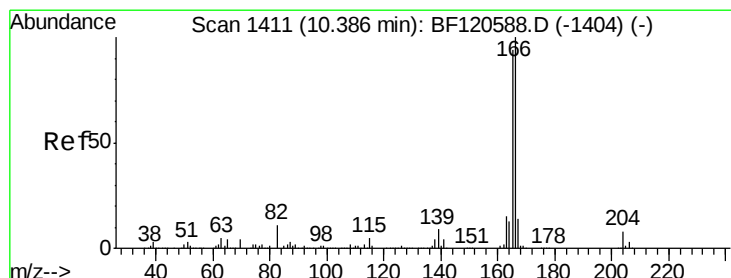
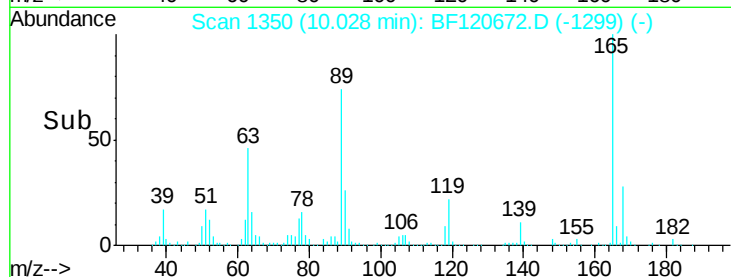
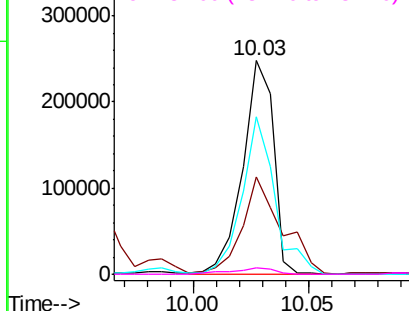


Abundance Ion 165.00 (164.70 to 165.70): E

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



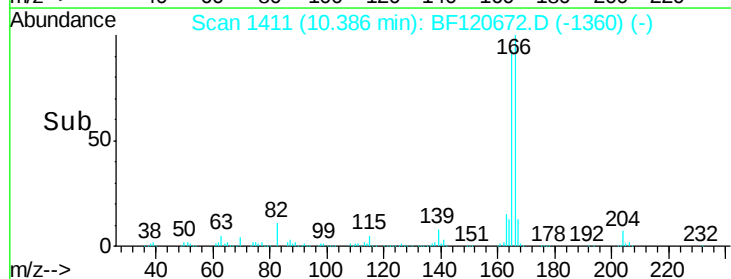
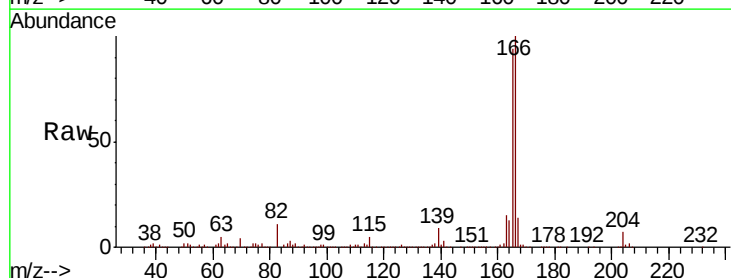
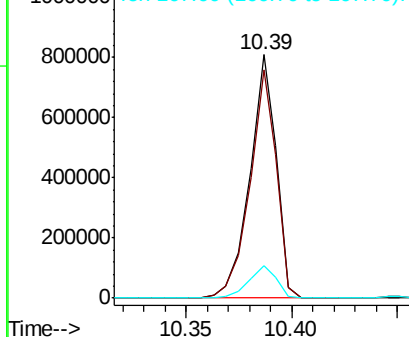
#58
Fluorene
Concen: 43.883 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

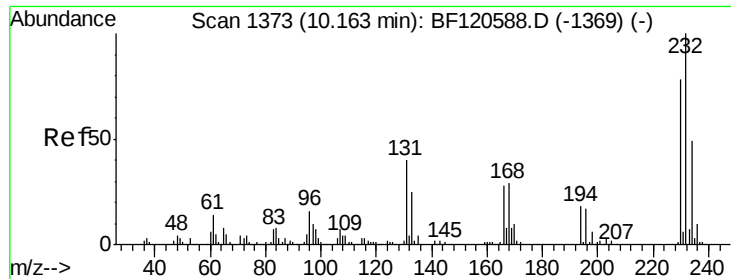
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	700398		
165	93.5	75.0	112.6	
167	13.5	11.0	16.4	

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





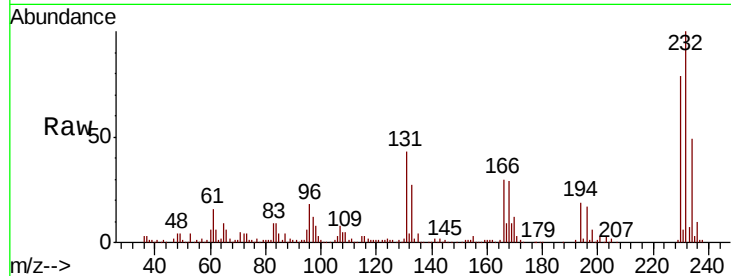
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.061 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

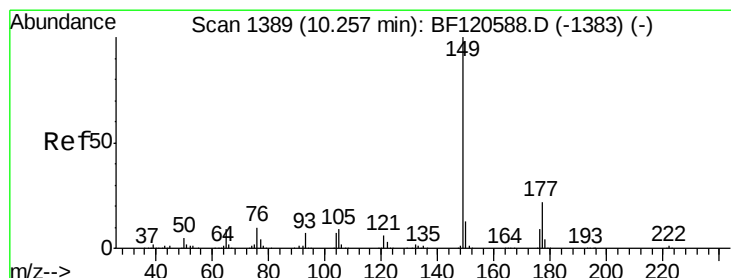
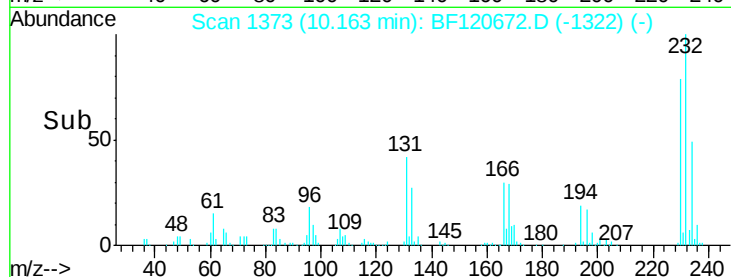
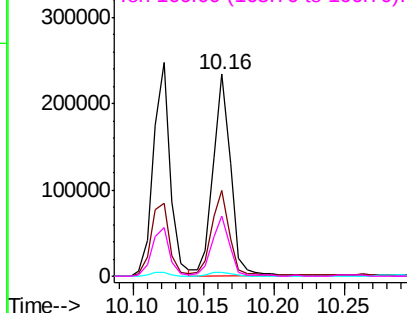
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.5	50.3
130	2.8	1.5	2.3
166	29.0	23.4	35.0

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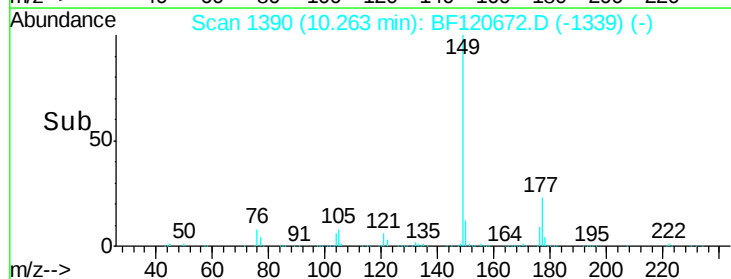
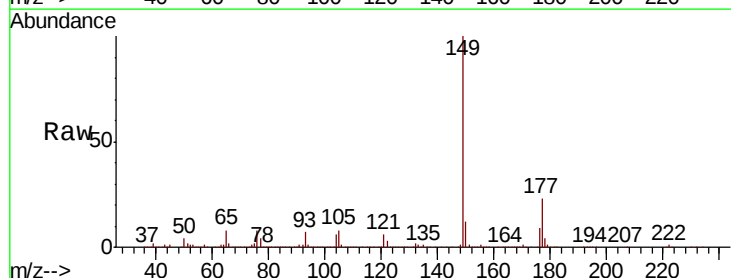
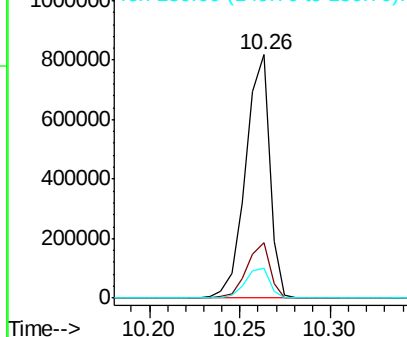
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

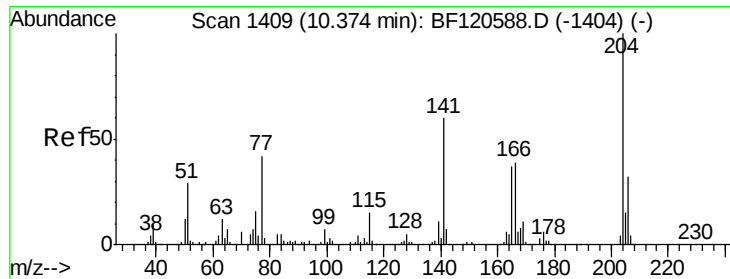


#60
 Diethylphthalate
 Concen: 44.369 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.3	25.9
150	12.4	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





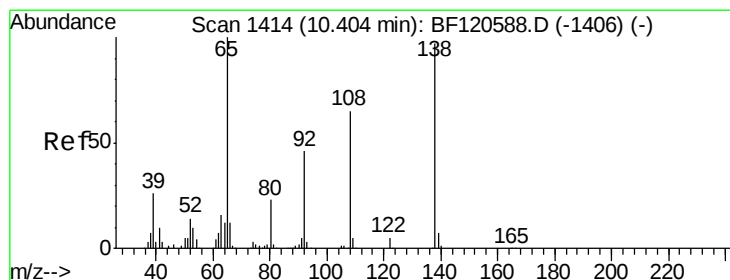
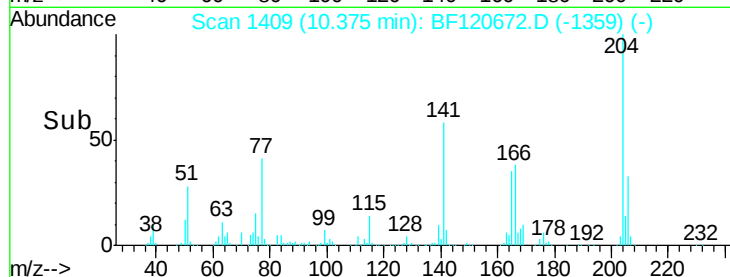
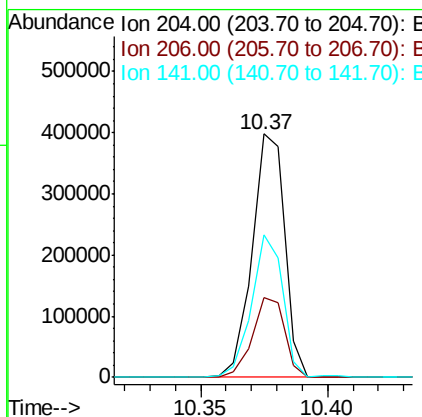
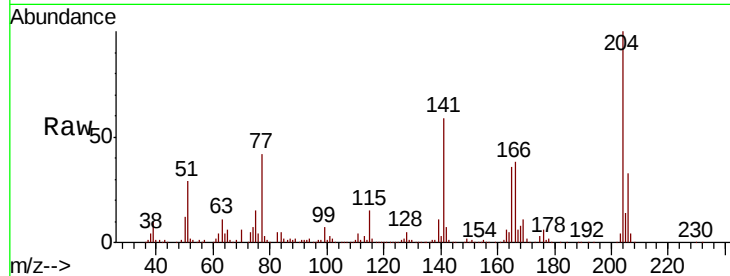
#61
4-Chlorophenyl-phenylether
Concen: 43.357 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	58.7	47.6	71.4

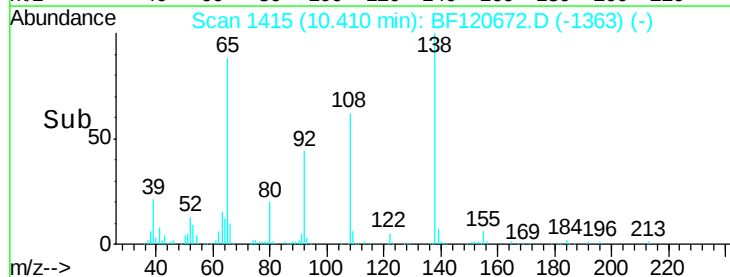
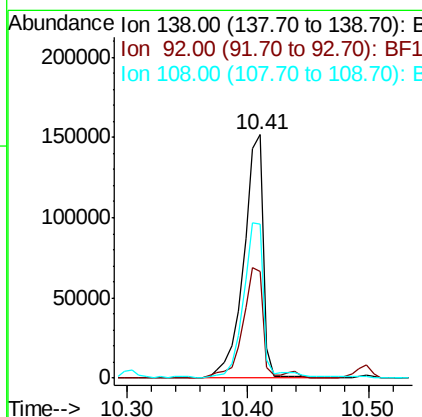
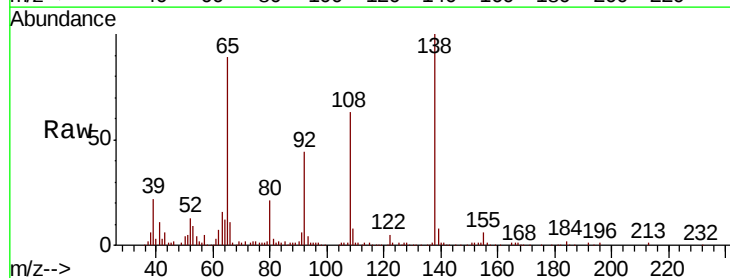
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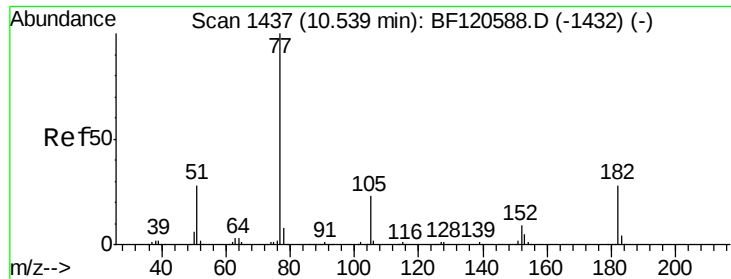
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#62
4-Nitroaniline
Concen: 36.685 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.9	27.3	67.3
108	63.3	47.4	87.4





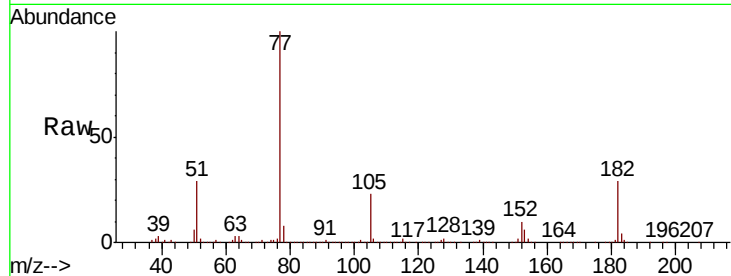
#63
Azobenzene
Concen: 41.646 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

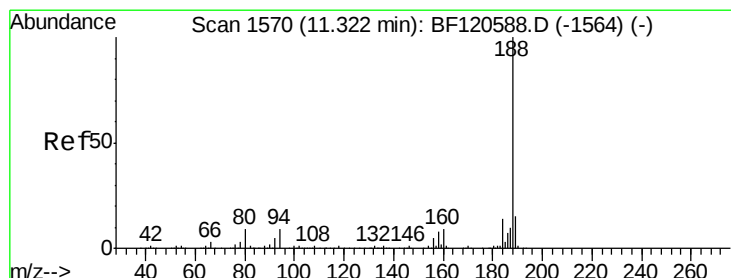
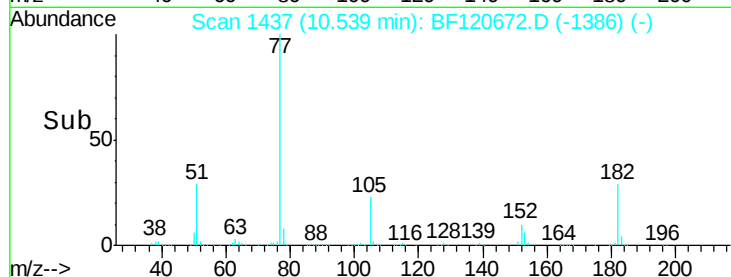
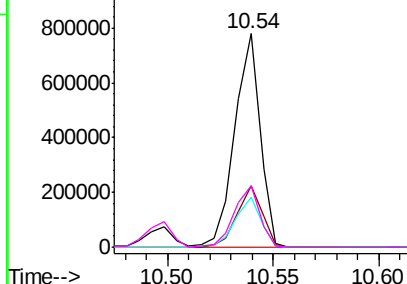
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.9	7.7	47.7	
105	23.4	3.2	43.2	
51	28.9	8.5	48.5	

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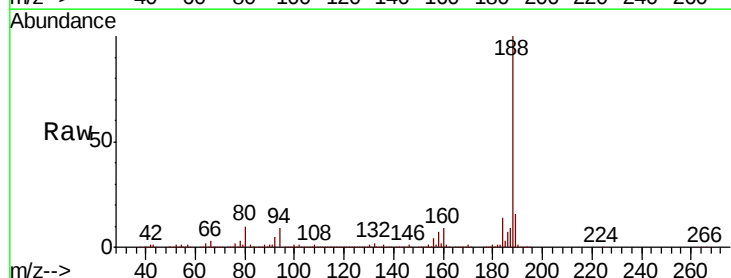


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

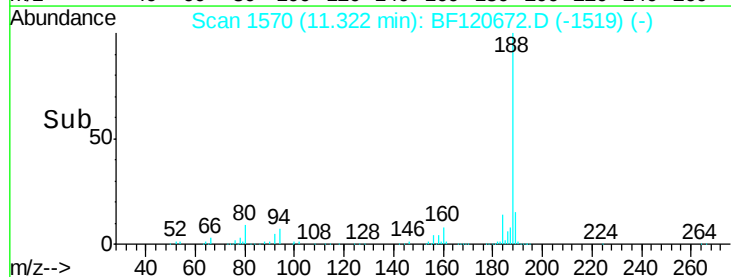
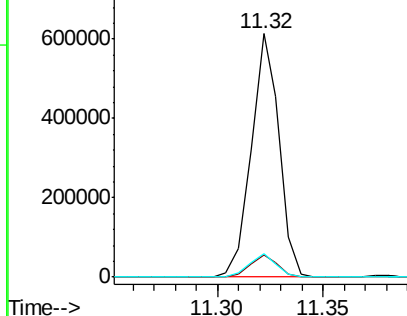


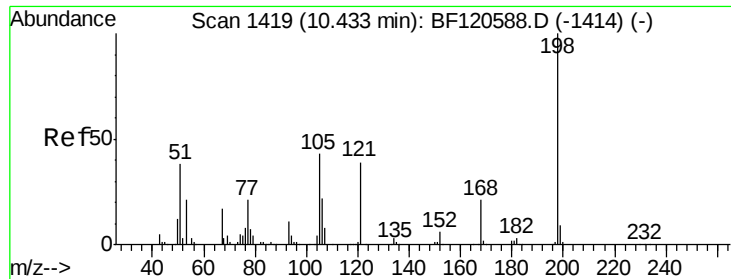
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.2	10.8	
80	9.7	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





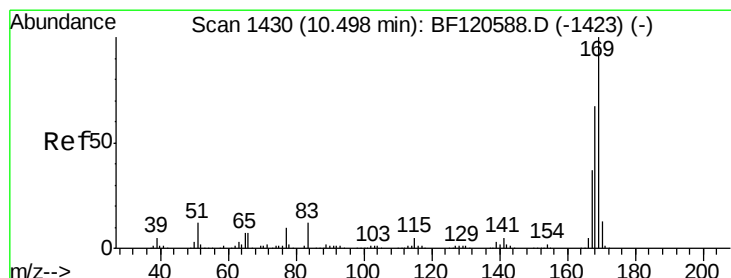
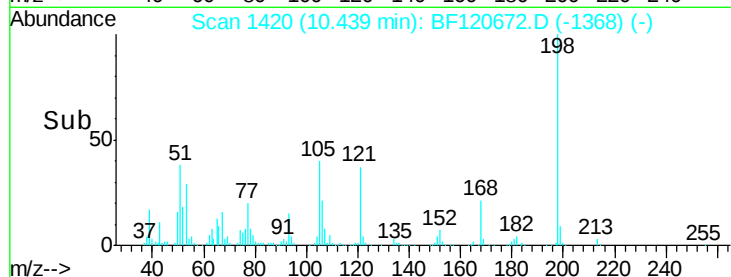
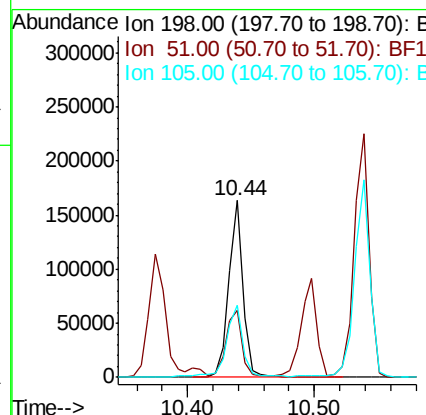
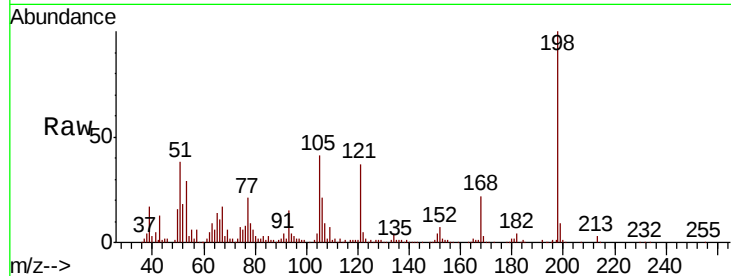
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.351 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128478		
51	38.2	24.8	64.8	
105	41.0	23.9	63.9	

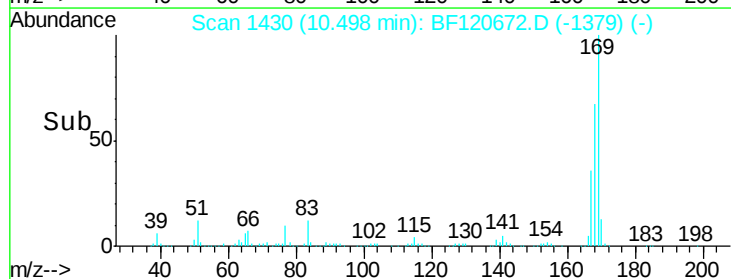
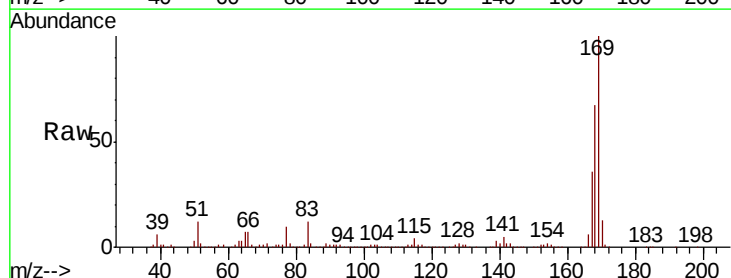
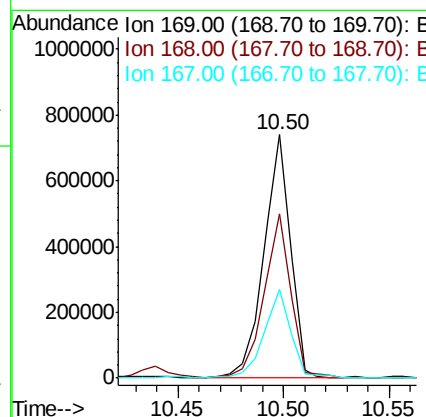
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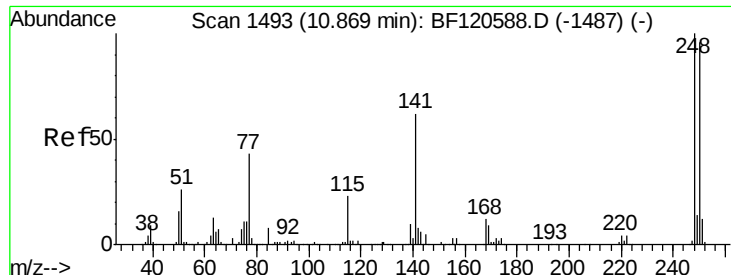
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 37.811 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	648274		
168	67.2	53.7	80.5	
167	36.2	29.9	44.9	





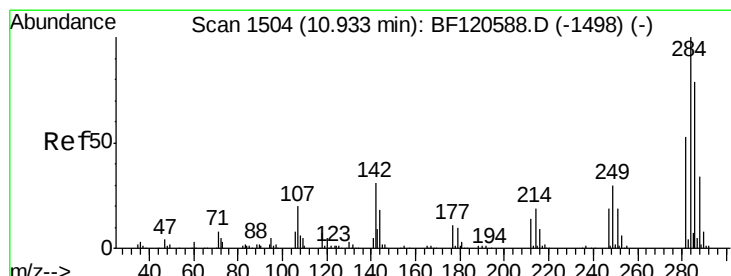
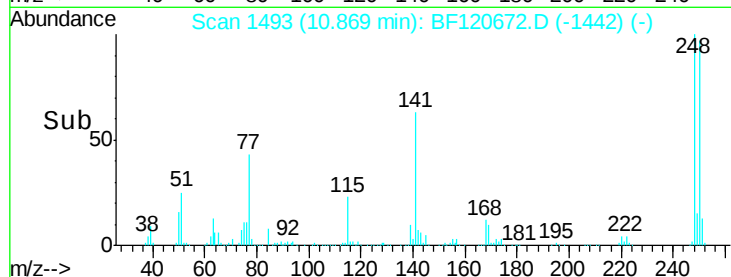
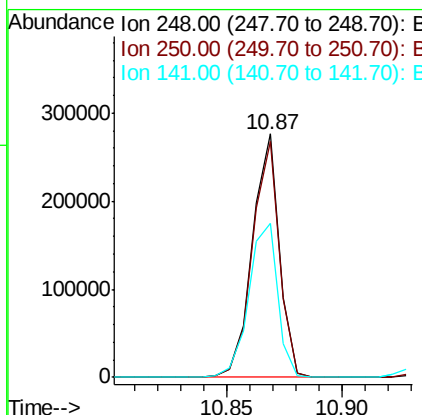
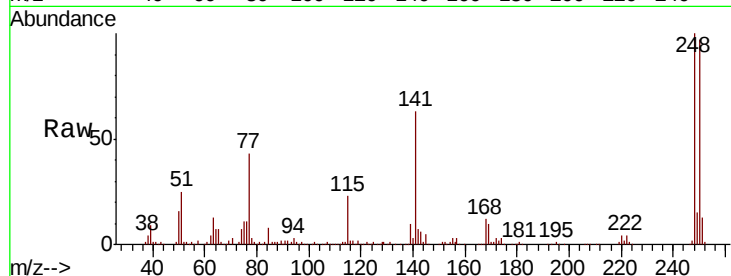
#67
 4-Bromophenyl-phenylether
 Concen: 35.631 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.7	115.1
141	63.1	49.4	74.0

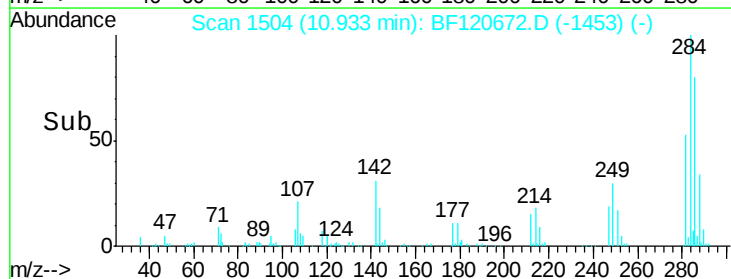
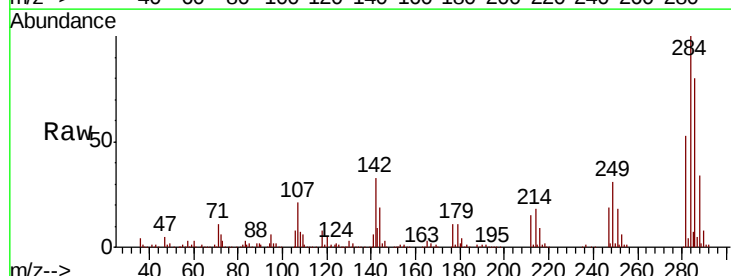
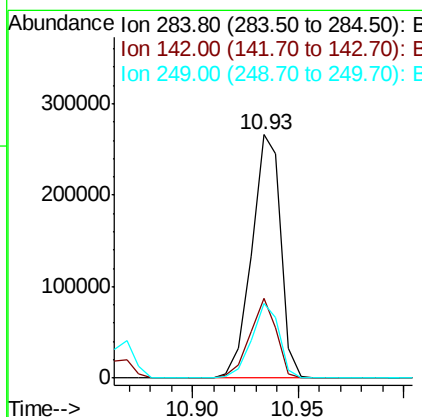
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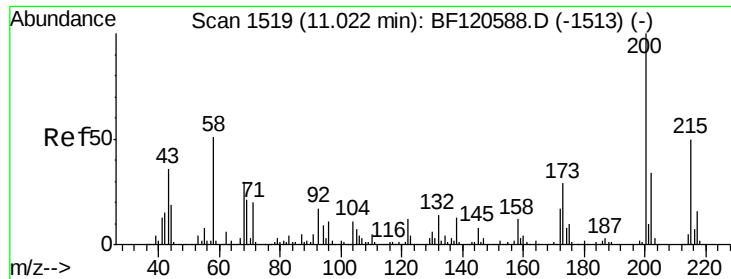
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#68
 Hexachlorobenzene
 Concen: 37.292 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.1	37.7
249	30.5	24.0	36.0





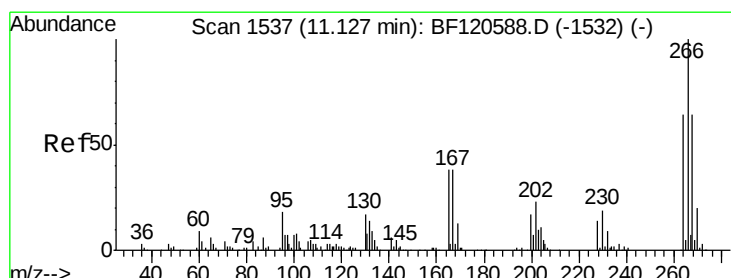
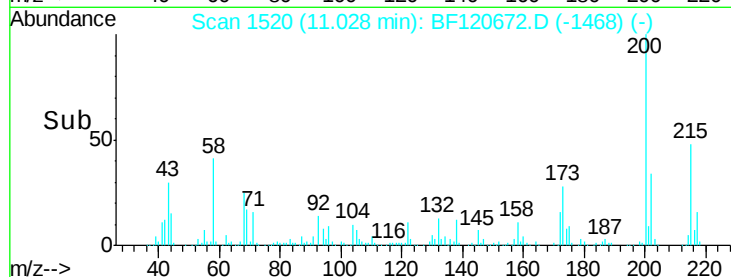
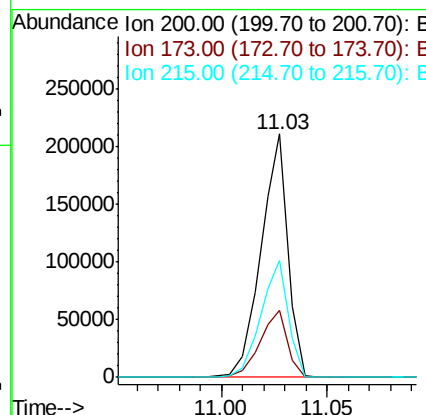
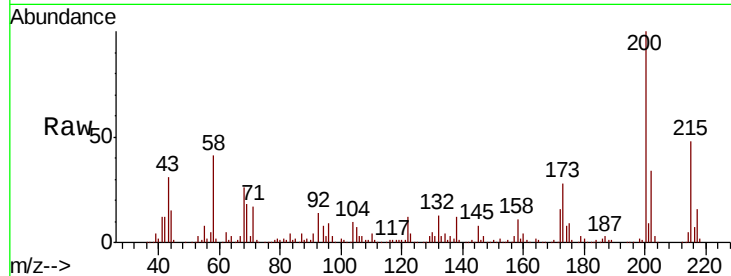
#69
Atrazine
Concen: 35.076 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	9.1	49.1
215	47.9	29.8	69.8

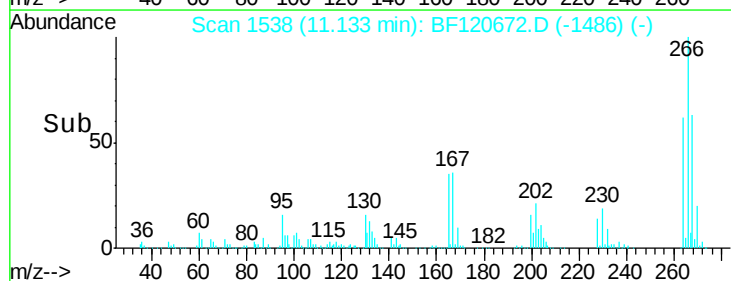
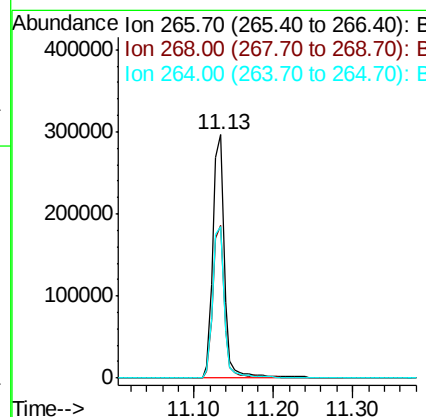
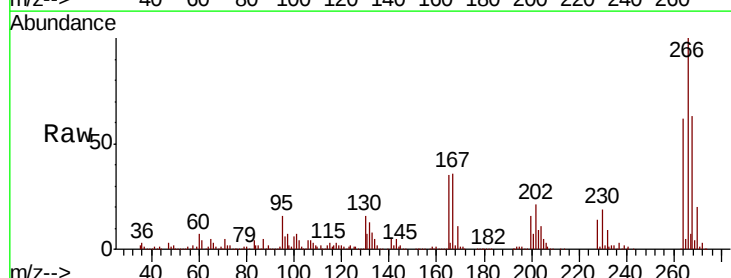
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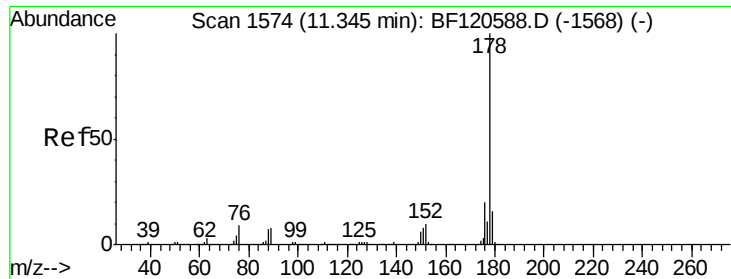
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#70
Pentachlorophenol
Concen: 81.122 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.4	77.0
264	62.4	50.8	76.2





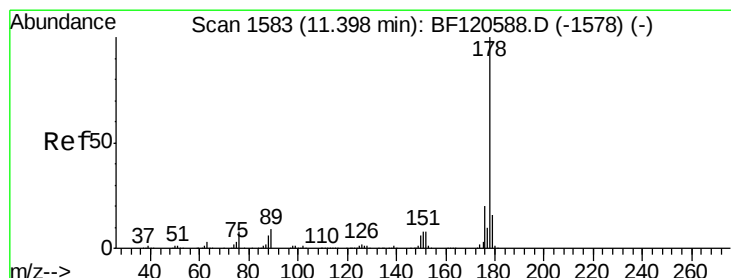
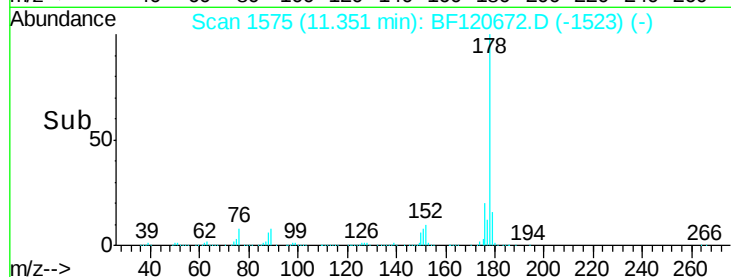
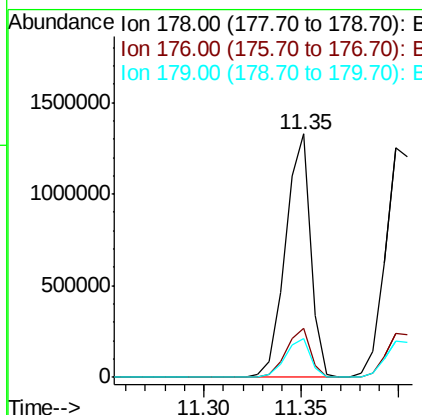
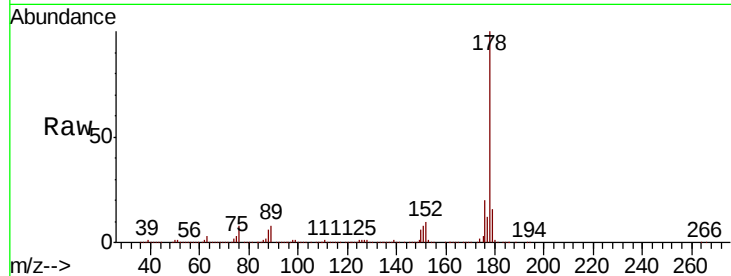
#71
Phenanthrene
Concen: 42.590 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion:178 Resp: 1181995
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.0 12.8 19.2

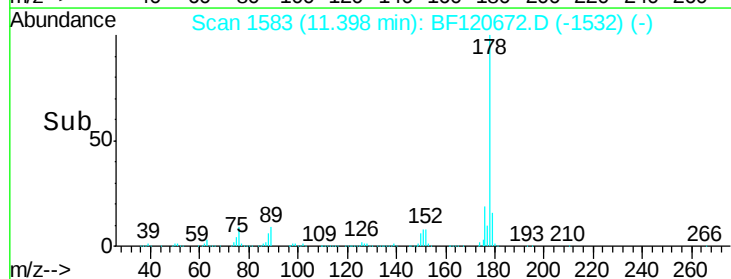
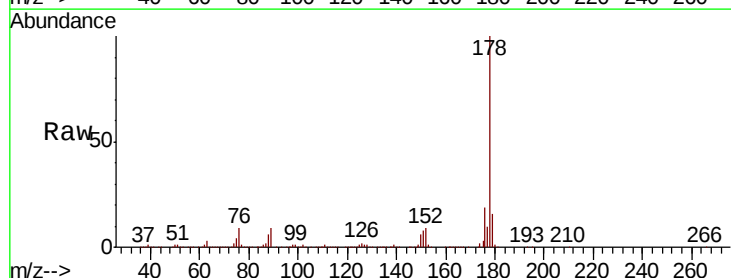
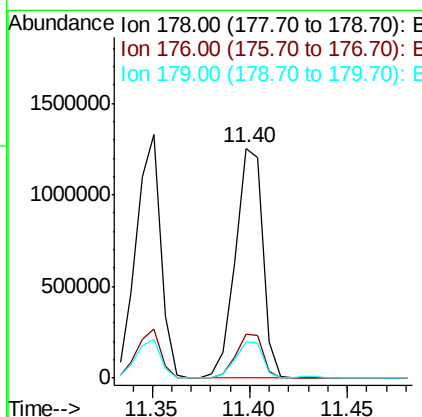
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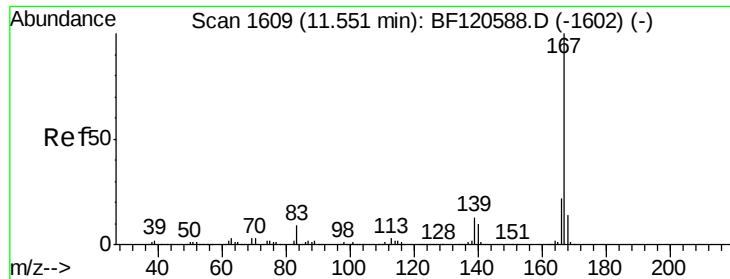
mohammad
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#72
Anthracene
Concen: 43.525 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion:178 Resp: 1217590
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.0 12.9 19.3





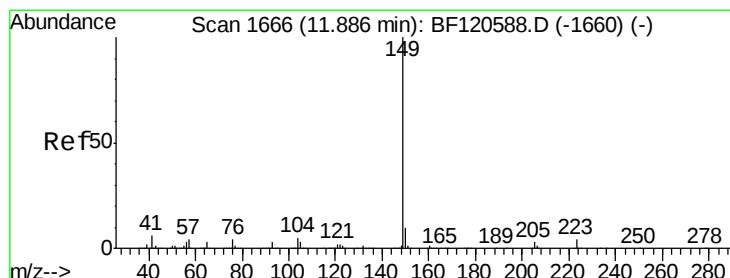
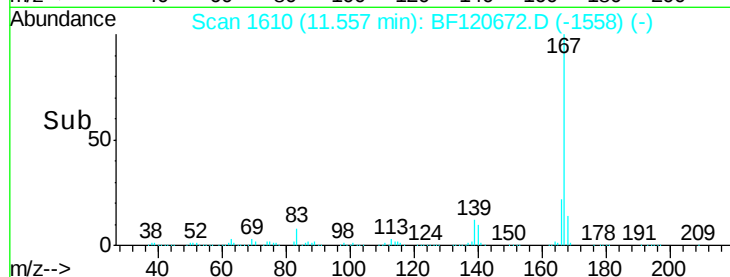
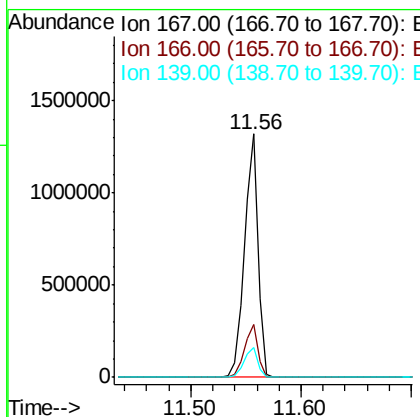
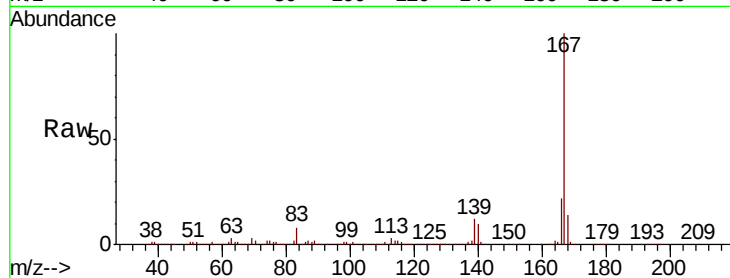
#73
 Carbazole
 Concen: 40.914 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.5	10.1	15.1

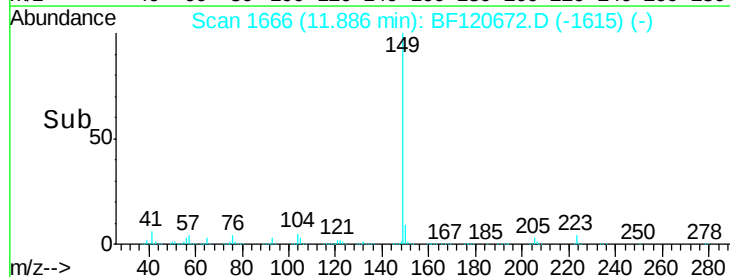
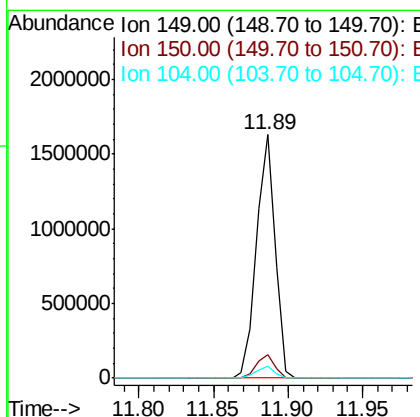
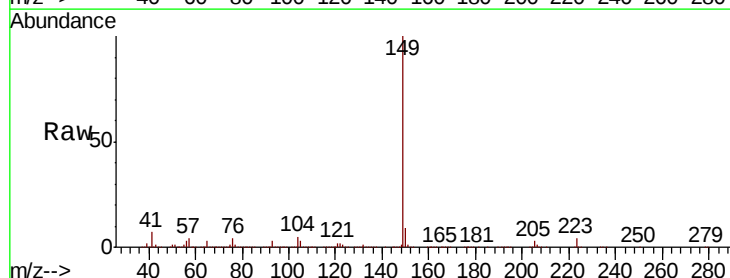
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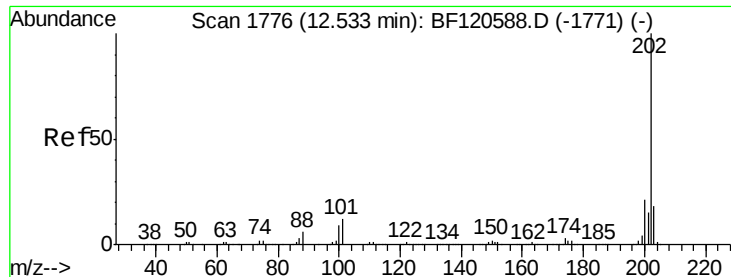
mohammad
 6/22/2020 3:24:55 PM



#74
 Di-n-butylphthalate
 Concen: 44.617 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 41.326 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

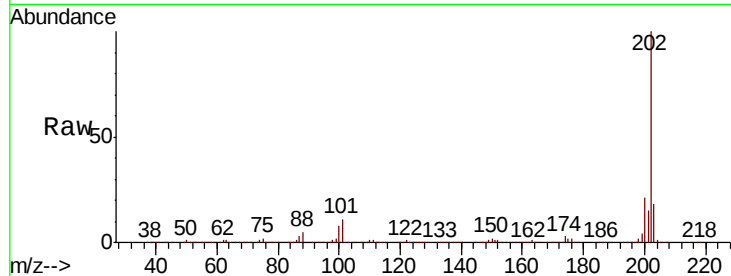
ClientSampleId :

MW-27(16.5-18.5)MSD

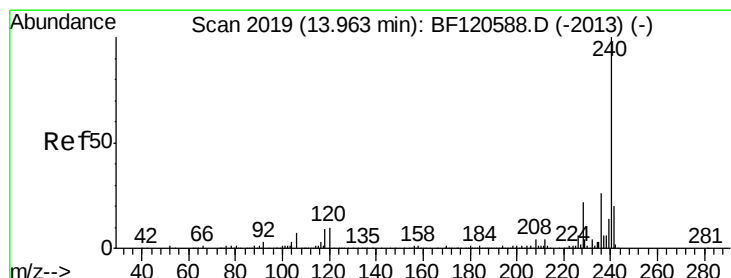
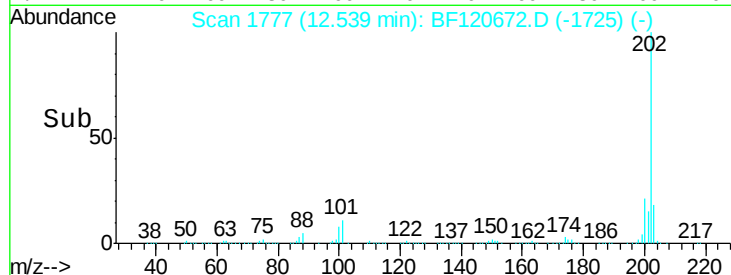
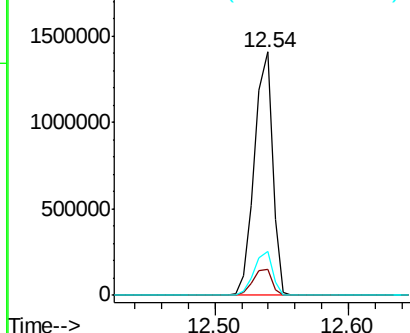
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.0
203	18.0	0.0	38.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

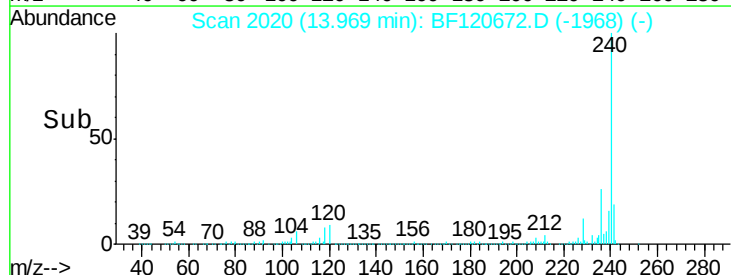
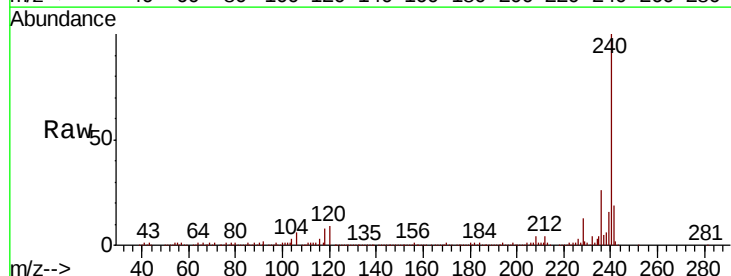
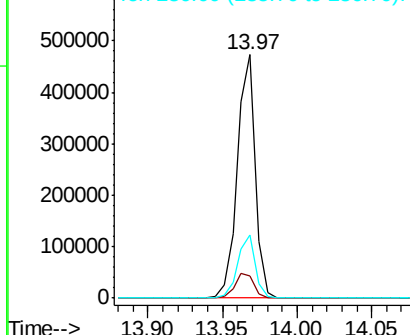
Delta R.T. 0.01 min

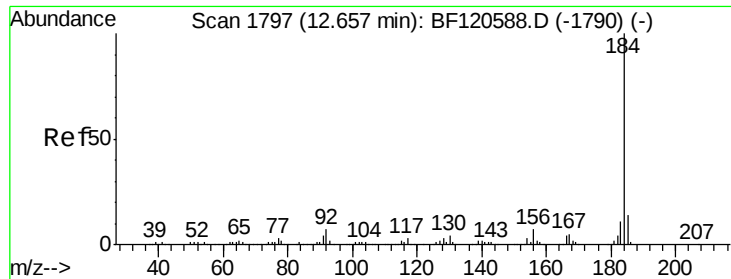
Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.3	12.5
236	26.1	21.0	31.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.039 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

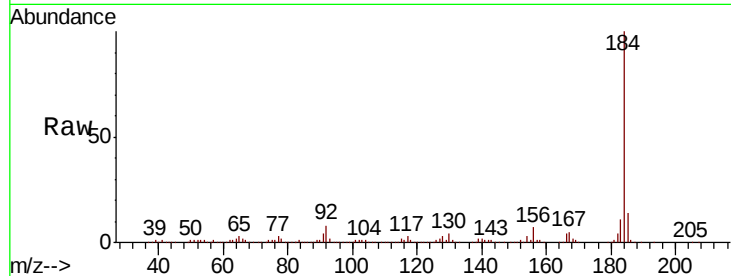
ClientSampleId :

MW-27(16.5-18.5)MSD

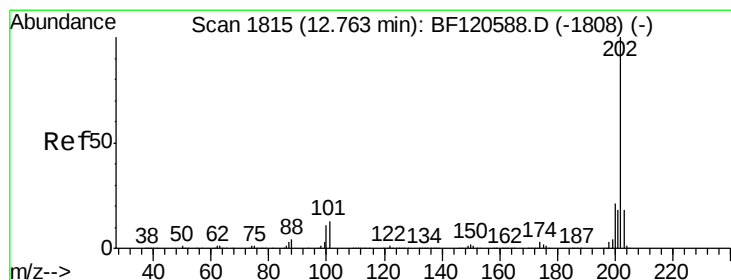
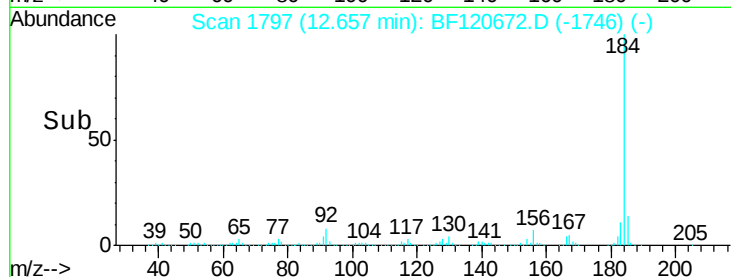
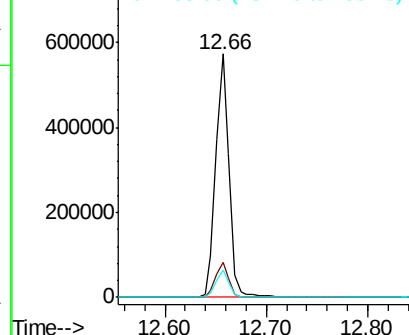
Tot Ion:	184	Resp:	528298
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.0
183	11.2	9.0	13.6

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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: 46.410 ng

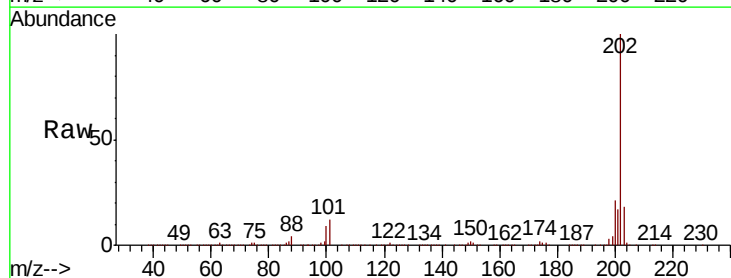
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

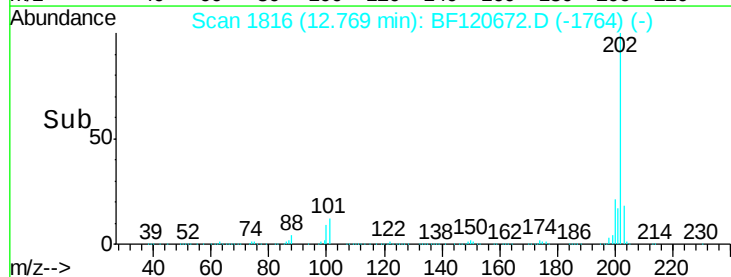
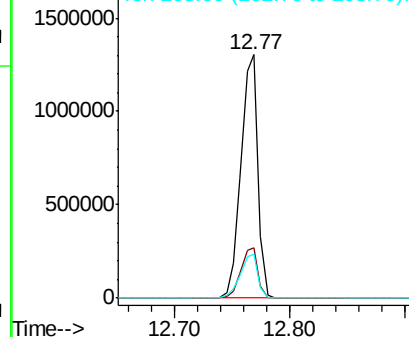
Lab File: BF120672.D

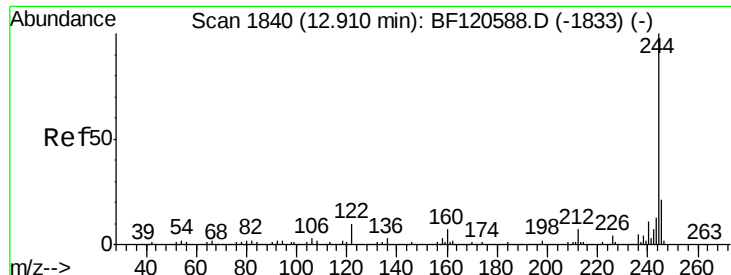
Acq: 19 Jun 2020 19:17

Tgt Ion:	202	Resp:	1315576
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.9	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





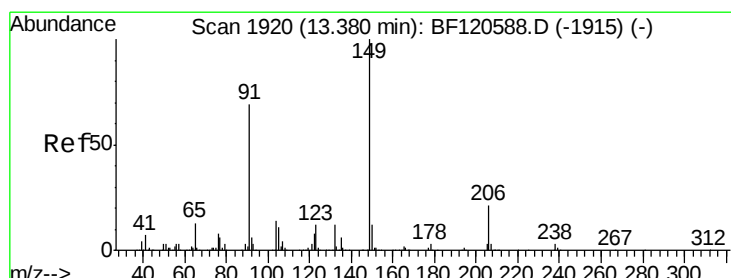
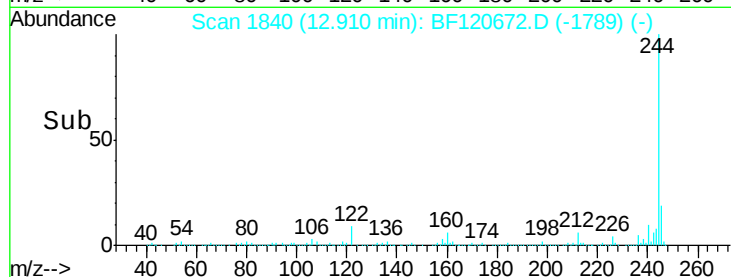
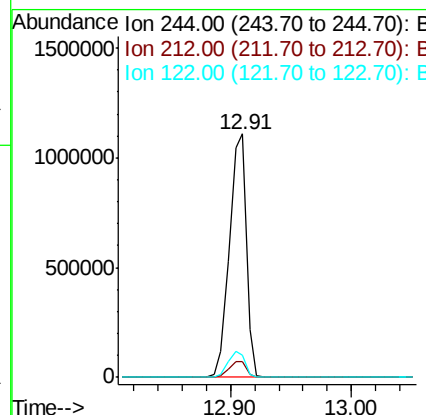
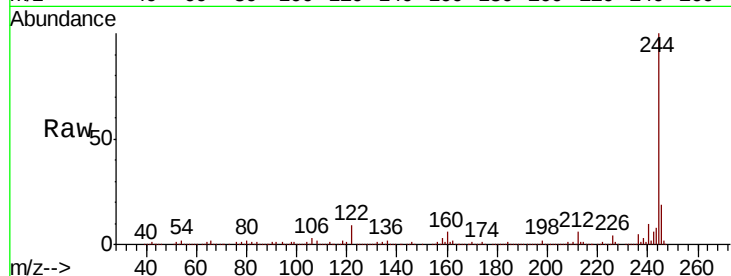
#79
 Terphenyl-d14
 Concen: 59.490 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.3	8.3	12.5

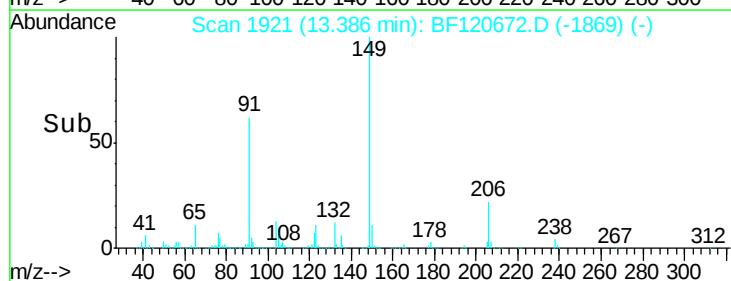
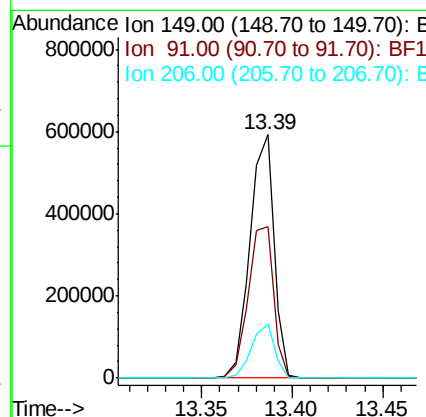
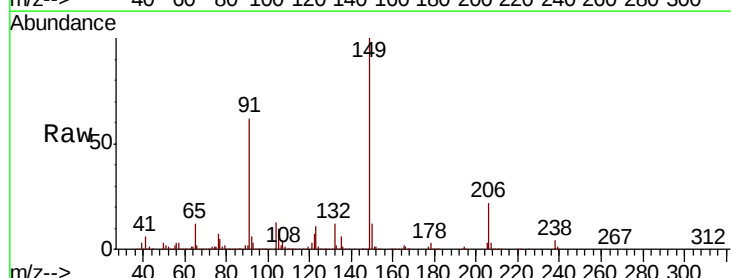
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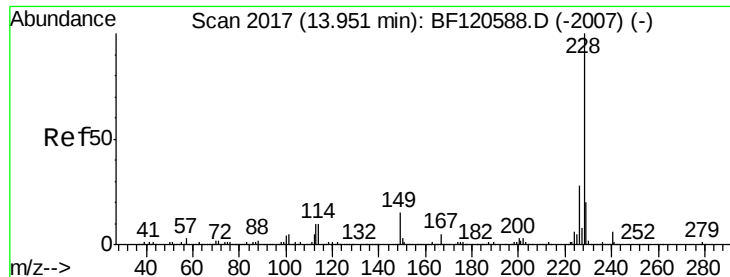
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#80
 Butylbenzylphthalate
 Concen: 43.515 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.1	55.4	83.0
206	22.4	17.0	25.4





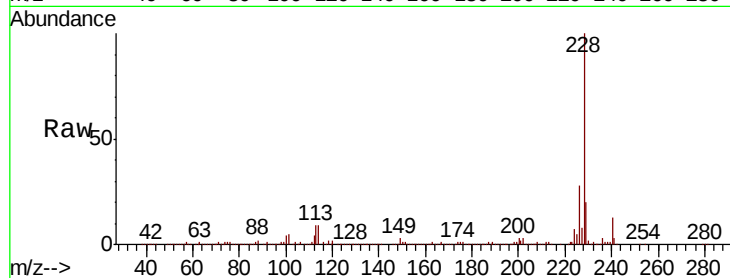
#81
Benzo(a)anthracene
Concen: 43.189 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.1	16.1	24.1

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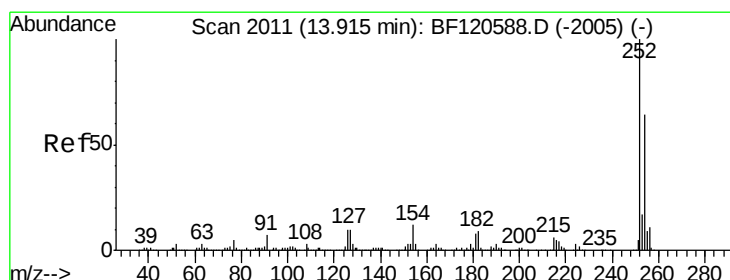
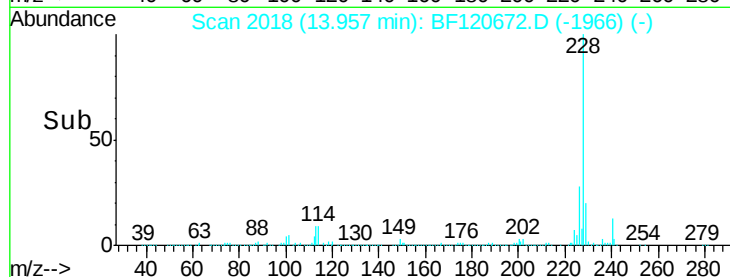
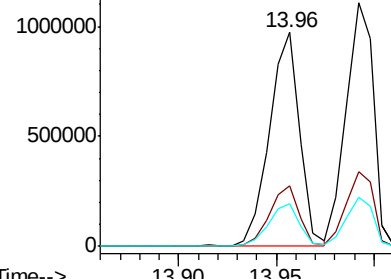


Abundance

Ion 228.00 (227.70 to 228.70): E

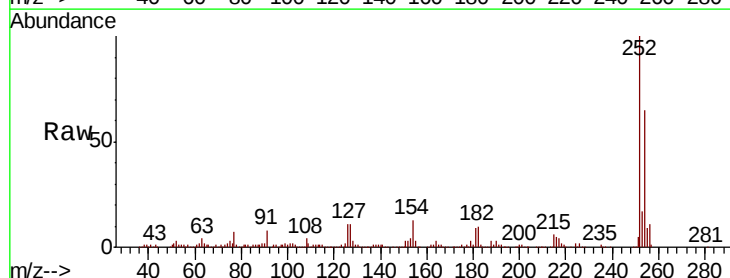
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 35.626 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	11.4	7.9	11.9

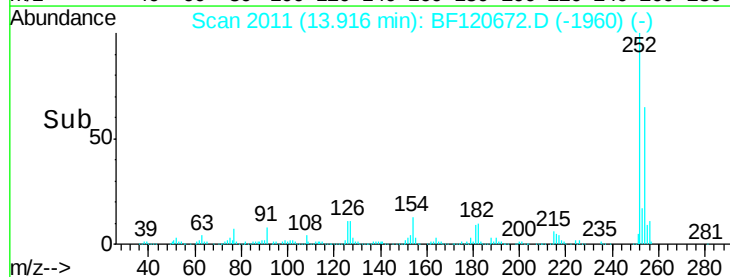
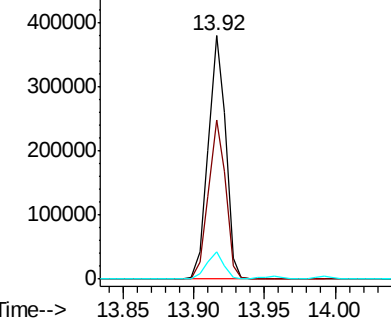


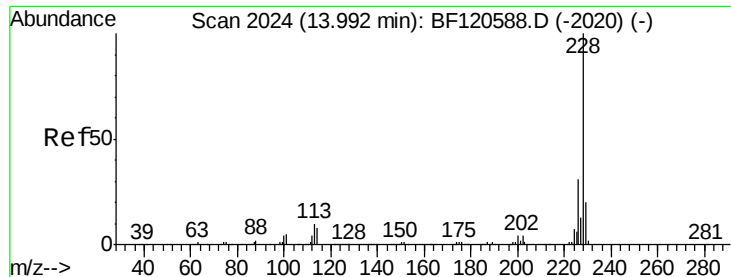
Abundance

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





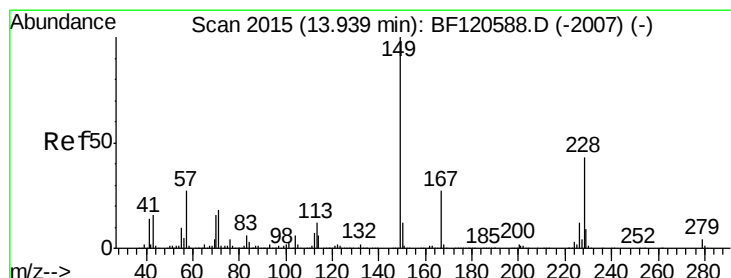
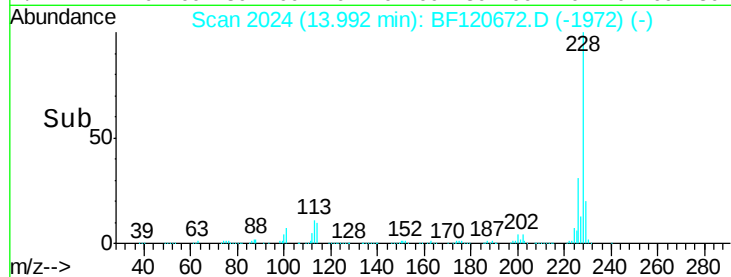
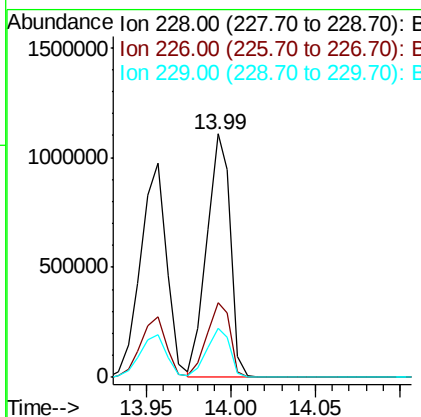
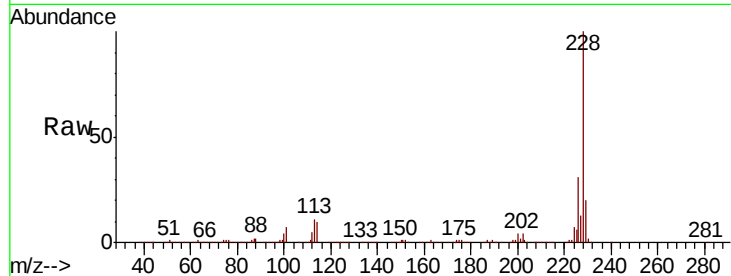
#83
Chrysene
Concen: 43.654 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion:228 Resp: 1076473
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.3 16.1 24.1

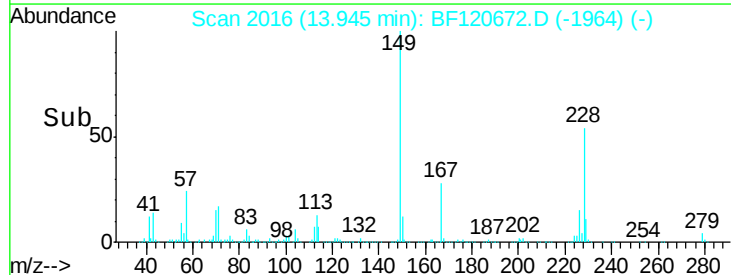
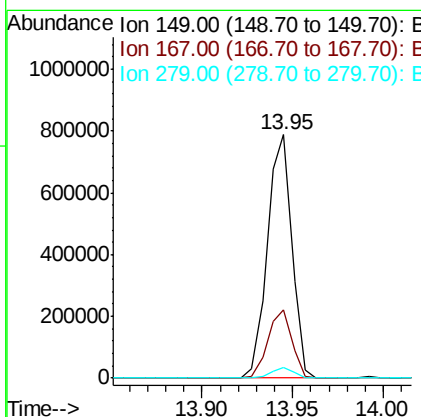
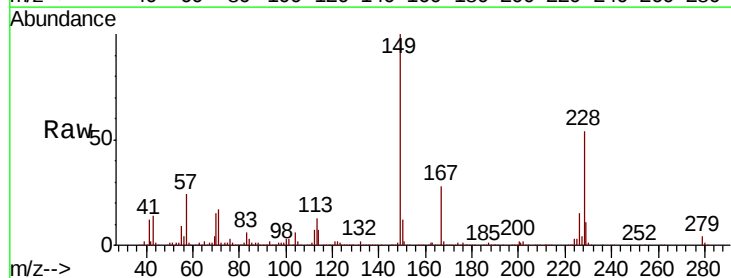
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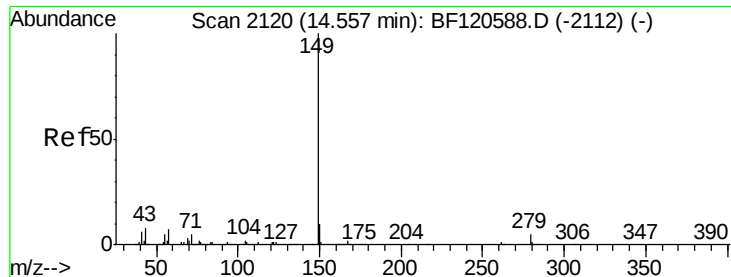
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.016 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion:149 Resp: 737600
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.162 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MSD

Tot Ion:149 Resp: 1353340

Ion Ratio Lower Upper

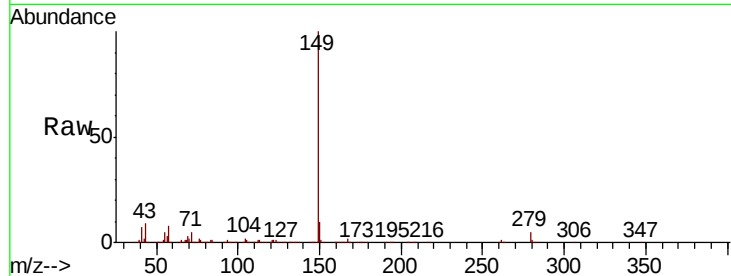
149 100

167 1.6 1.3 1.9

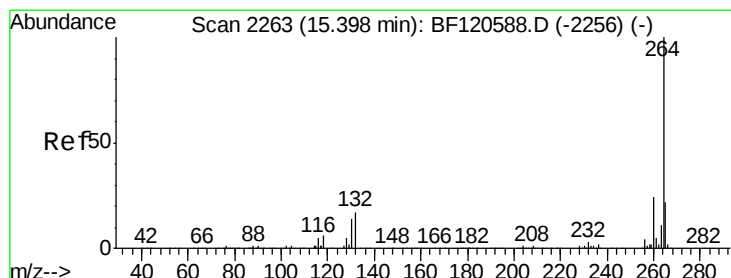
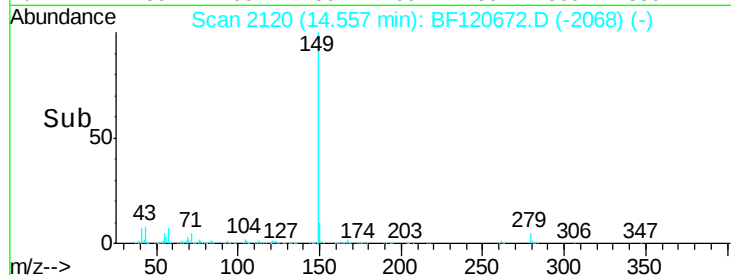
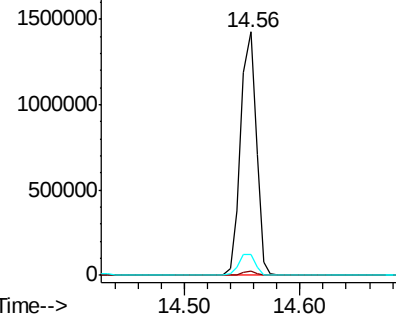
43 9.1 7.6 11.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120672.D

Acq: 19 Jun 2020 19:17

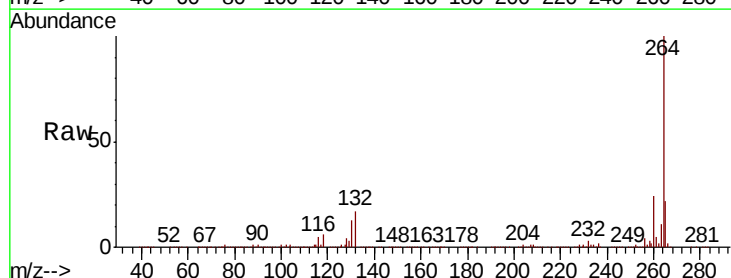
Tgt Ion:264 Resp: 503211

Ion Ratio Lower Upper

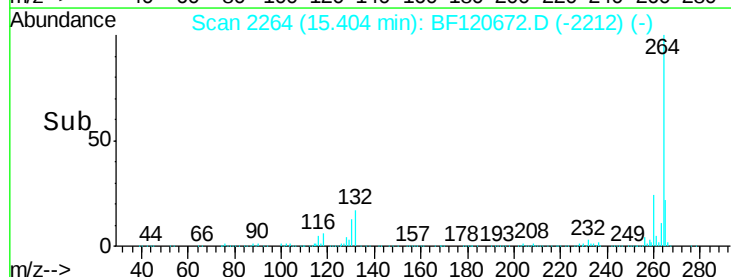
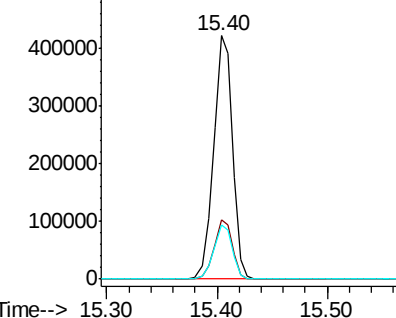
264 100

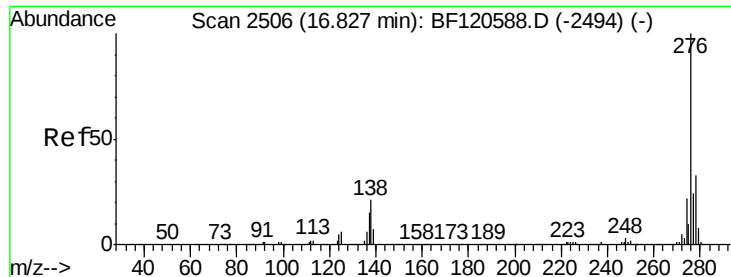
260 24.1 19.3 28.9

265 22.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





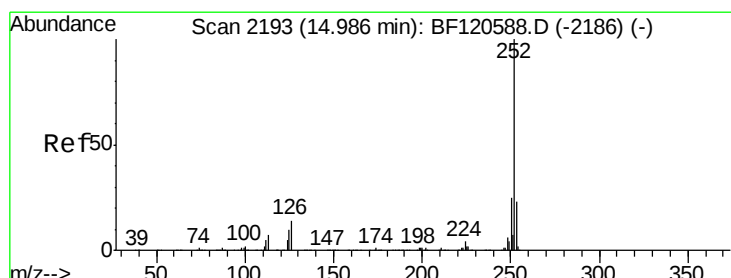
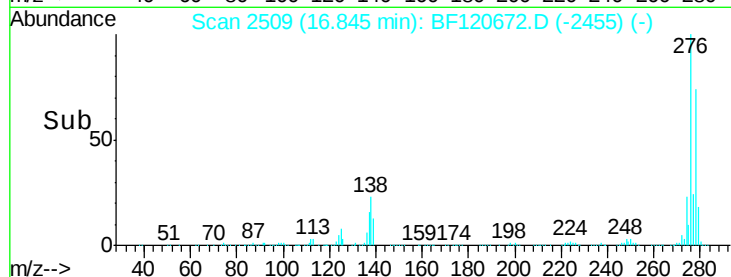
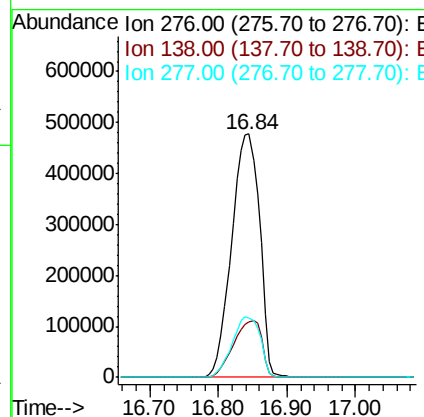
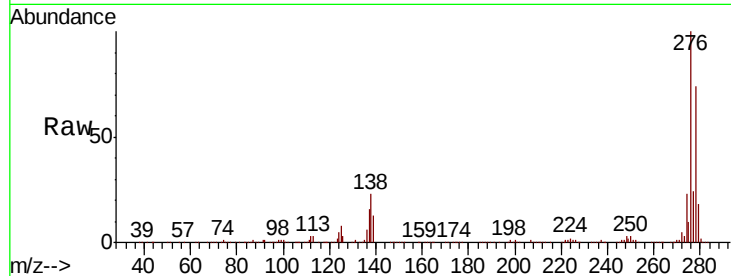
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.215 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.9	28.3
277	25.1	20.2	30.2

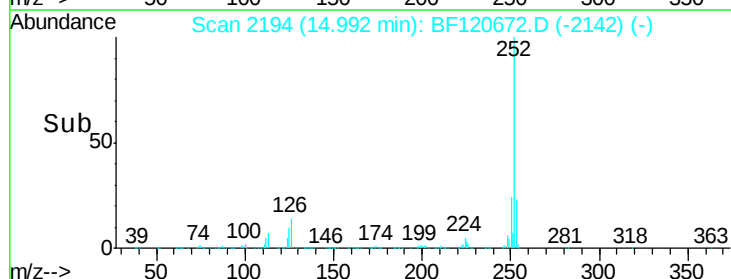
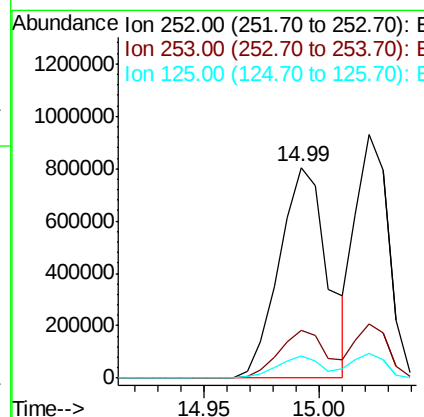
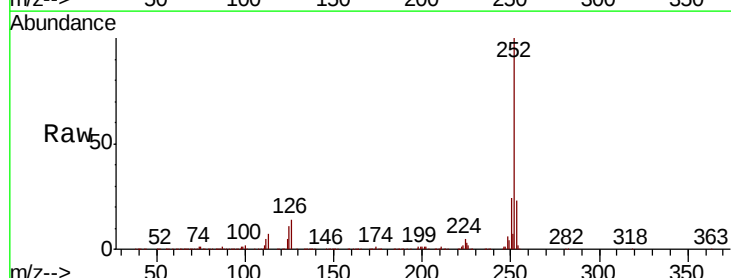
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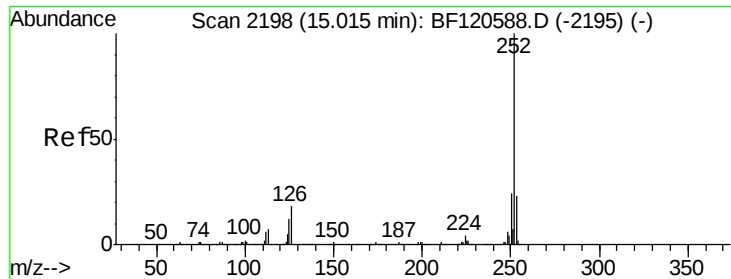
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 39.156 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120672.D
 Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.5	8.3	12.5





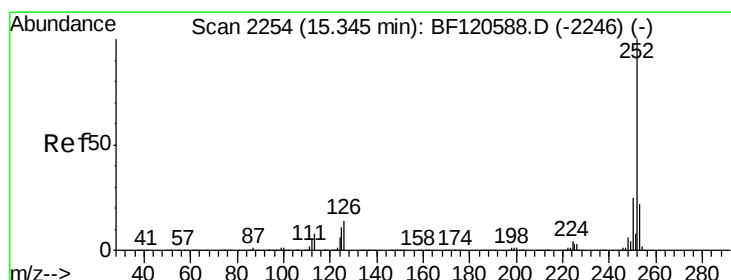
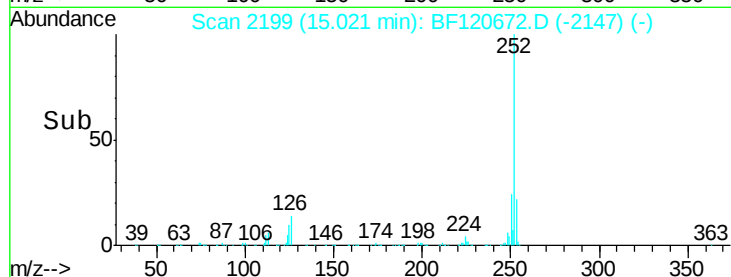
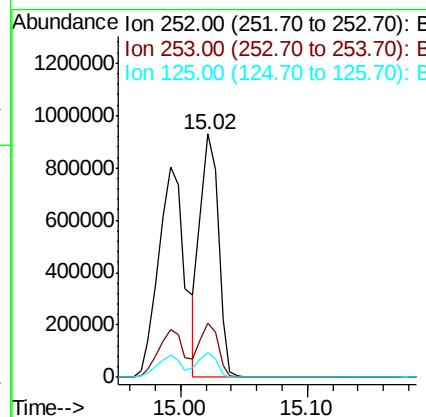
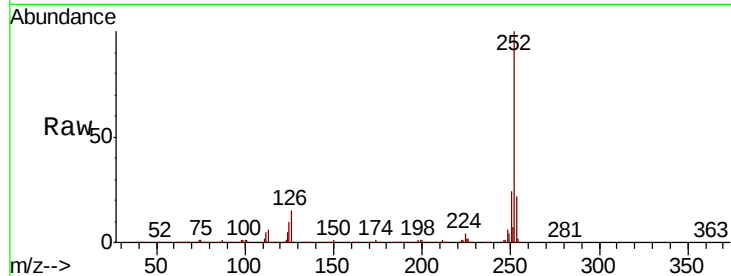
#89
Benzo(k)fluoranthene
Concen: 34.708 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	8.3	12.5

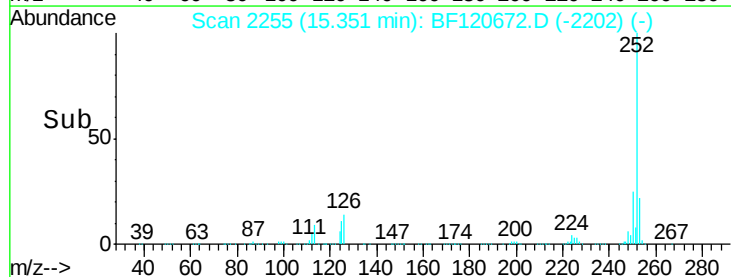
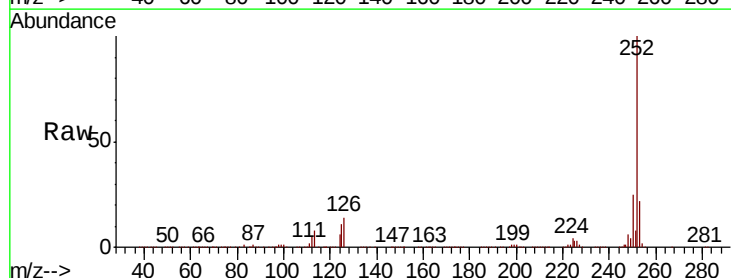
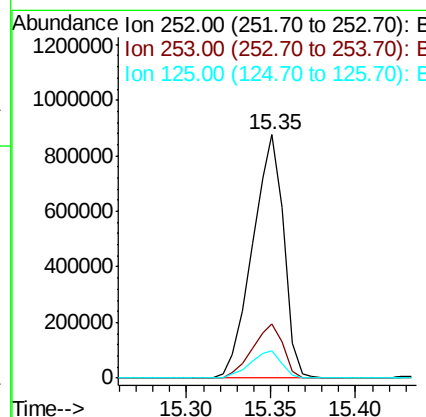
Manual Integrations
APPROVED

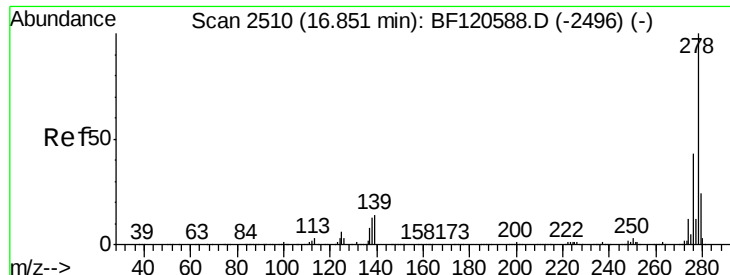
mohammad
6/22/2020 3:24:55 PM



#90
Benzo(a)pyrene
Concen: 41.974 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.0	8.6	12.8





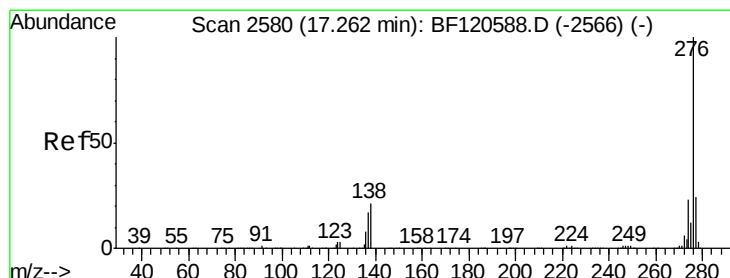
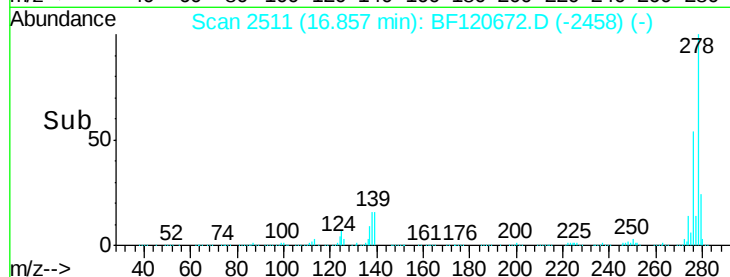
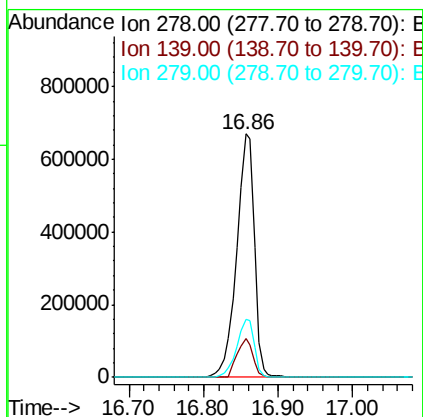
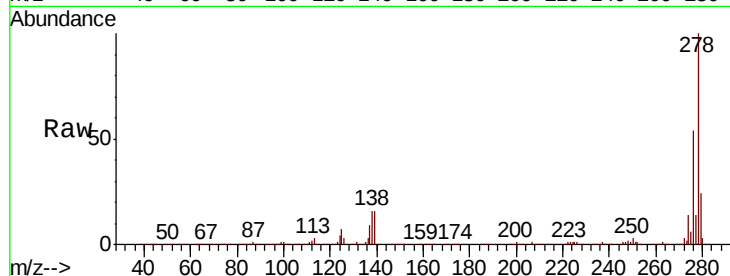
#91
Dibenzo(a,h)anthracene
Concen: 45.054 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.4	17.2
279	23.7	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/22/2020 3:24:55 PM



#92
Benzo(g,h,i)perylene
Concen: 39.880 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120672.D
Acq: 19 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	21.4	16.5	24.7

