

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120873.D
 Acq On : 15 Jul 2020 15:12
 Operator : JU/CG
 Sample : L3289-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Manual Integrations
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mohammad
 7/16/2020 11:05:04 AM

Quant Time: Jul 15 16:07:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	185412	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	729173	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	372740	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	699449	20.00	ng	0.00
76) Chrysene-d12	14.00	240	503600	20.00	ng	0.00
86) Perylene-d12	15.45	264	480984	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	765247	63.71	ng	0.01
7) Phenol-d6	6.46	99	960530	62.62	ng	0.00
23) Nitrobenzene-d5	7.39	82	586429	46.60	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	279224	74.56	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1134531	46.05	ng	0.00
79) Terphenyl-d14	12.94	244	1164409	45.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	235934	43.001	ng	95
3) Pyridine	3.37	79	646202	42.998	ng	97
4) n-Nitrosodimethylamine	3.32	42	299710	39.864	ng	# 79
6) Aniline	6.49	93	659512	33.479	ng	99
8) 2-Chlorophenol	6.62	128	613977	48.012	ng	97
9) Benzaldehyde	6.38	77	171938	18.847	ng	92
10) Phenol	6.47	94	727843m	46.127	ng	
11) bis(2-Chloroethyl)ether	6.57	93	569457	44.350	ng	97
12) 1,3-Dichlorobenzene	6.77	146	614221	43.637	ng	97
13) 1,4-Dichlorobenzene	6.85	146	610935	43.335	ng	99
14) 1,2-Dichlorobenzene	7.00	146	601191	44.822	ng	98
15) Benzyl Alcohol	6.97	79	481049	41.740	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	802583	40.073	ng	98
17) 2-Methylphenol	7.09	107	482789	42.202	ng	98
18) Hexachloroethane	7.35	117	232355	43.850	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	360188	39.000	ng	91
20) 3+4-Methylphenols	7.24	107	520637	36.951	ng	# 81
22) Acetophenone	7.25	105	687373	37.925	ng	95
24) Nitrobenzene	7.42	77	610812	43.225	ng	92
25) Isophorone	7.66	82	1112297	40.981	ng	100
26) 2-Nitrophenol	7.73	139	324758	54.116	ng	# 84
27) 2,4-Dimethylphenol	7.77	122	506278	46.728	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	703201	43.776	ng	100
29) 2,4-Dichlorophenol	7.97	162	488914	45.202	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	530432	43.662	ng	100
31) Naphthalene	8.14	128	1631380	41.864	ng	100
32) Benzoic acid	7.90	122	370070	48.278	ng	89
33) 4-Chloroaniline	8.18	127	343796	20.791	ng	98
34) Hexachlorobutadiene	8.26	225	300824	41.172	ng	100
35) Caprolactam	8.56	113	155520m	49.345	ng	
36) 4-Chloro-3-methylphenol	8.67	107	508413	45.187	ng	93
37) 2-Methylnaphthalene	8.83	142	1106191	43.667	ng	98
38) 1-Methylnaphthalene	8.93	142	1049192	44.216	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	461107	40.932	ng	100

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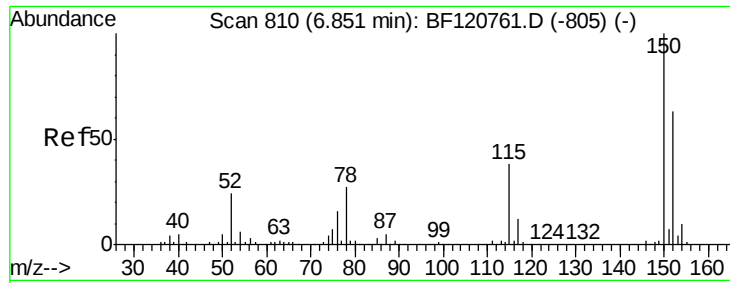
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	527141	79.200	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	357452	46.566	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	379350	44.531	nq	98
46) 1,1'-Biphenyl	9.30	154	1263029	42.008	nq	99
47) 2-Chloronaphthalene	9.32	162	1019434	42.323	nq	96
48) 2-Nitroaniline	9.42	65	319149	44.455	nq	88
49) Acenaphthylene	9.73	152	1598370	42.326	nq	99
50) Dimethylphthalate	9.60	163	1346307	49.514	nq	100
51) 2,6-Dinitrotoluene	9.66	165	273058	50.410	nq #	83
52) Acenaphthene	9.91	154	1087562	46.422	nq	99
53) 3-Nitroaniline	9.82	138	179396	28.011	nq	93
54) 2,4-Dinitrophenol	9.93	184	256493	115.804	nq #	82
55) Dibenzofuran	10.08	168	1426390	42.238	nq	97
56) 4-Nitrophenol	9.99	139	495243	98.811	nq	83
57) 2,4-Dinitrotoluene	10.06	165	359431	53.052	nq #	78
58) Fluorene	10.42	166	1004326	39.956	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	312706	49.328	nq	97
60) Diethylphthalate	10.30	149	1180179	41.666	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	487118	38.550	nq	97
62) 4-Nitroaniline	10.44	138	288349	49.912	nq	86
63) Azobenzene	10.57	77	1116169	38.522	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	179931	59.251	nq #	72
66) n-Nitrosodiphenylamine	10.53	169	992004	42.314	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	336972	41.532	nq	98
68) Hexachlorobenzene	10.97	284	377662	44.358	nq #	91
69) Atrazine	11.06	200	288914	47.836	nq	98
70) Pentachlorophenol	11.16	266	419219	87.028	nq	100
71) Phenanthrene	11.39	178	1549574	40.831	nq	100
72) Anthracene	11.43	178	1628671	42.469	nq	100
73) Carbazole	11.59	167	1517692	41.182	nq	100
74) Di-n-butylphthalate	11.92	149	1794803	39.337	nq	99
75) Fluoranthene	12.57	202	1728606	42.757	nq	98
77) Benzidine	12.69	184	758318	53.348	nq	99
78) Pyrene	12.80	202	1765156	43.887	nq	99
80) Butylbenzylphthalate	13.42	149	771079	44.405	nq	95
81) Benzo(a)anthracene	13.99	228	1318520	40.844	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	392920	36.068	nq	98
83) Chrysene	14.03	228	1441789	43.786	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	883688	38.808	nq #	97
85) Di-n-octyl phthalate	14.59	149	1738185	43.148	nq	96
87) Indeno(1,2,3-cd)pyrene	16.90	276	1457892	47.256	nq	99
88) Benzo(b)fluoranthene	15.03	252	1420283	44.916	nq	98
89) Benzo(k)fluoranthene	15.06	252	1319564	42.886	nq	99
90) Benzo(a)pyrene	15.39	252	1245774	44.164	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1217167	47.336	nq	99
92) Benzo(g,h,i)perylene	17.34	276	1189828	50.630	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

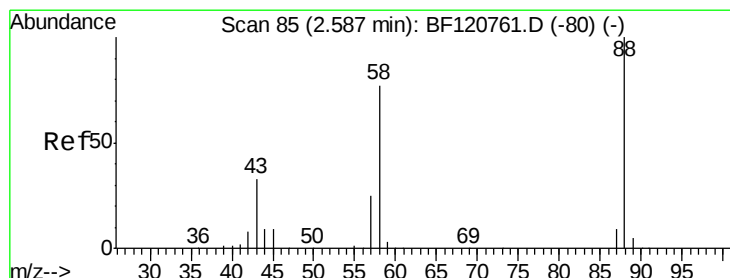
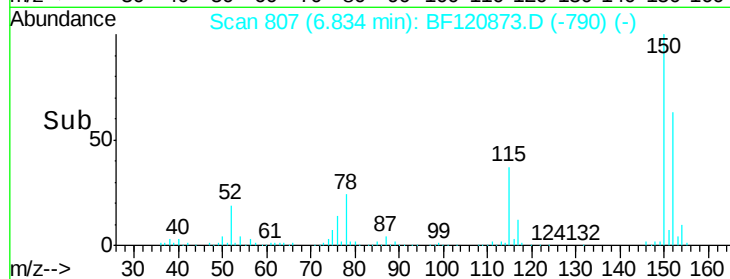
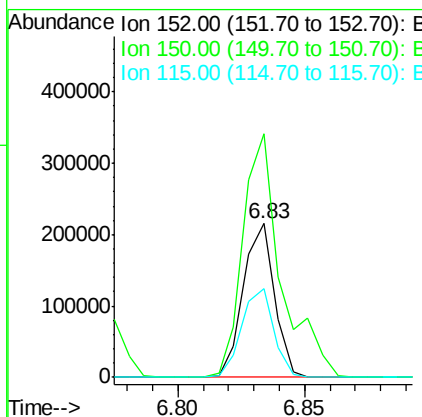
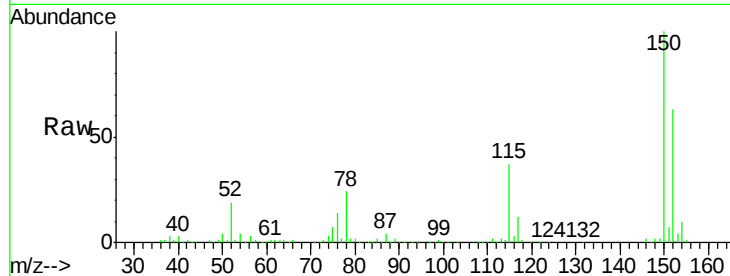
ClientSampleId :

IRON-1MSD

Tot Ion:	152	Resp:	185412
Ion Ratio	Lower	Upper	
152	100		
150	158.1	126.1	189.1
115	57.8	48.5	72.7

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#2

1,4-Dioxane

Concen: 43.001 ng

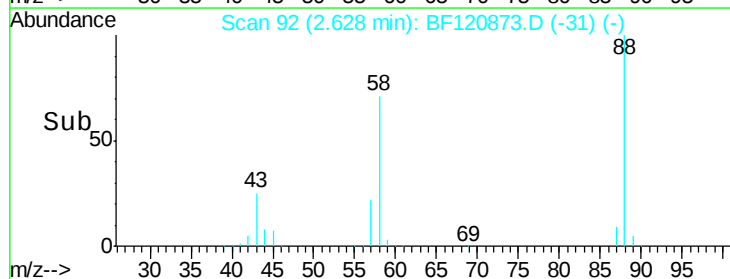
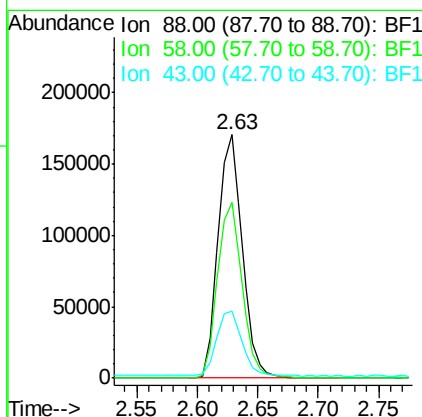
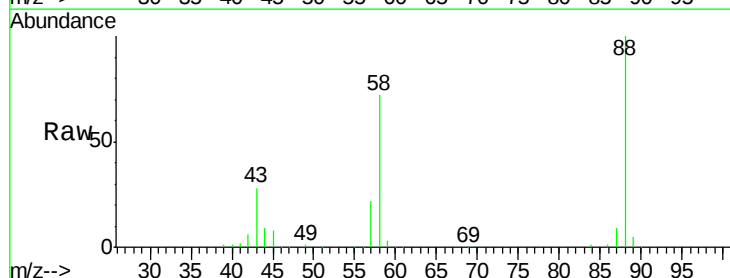
RT: 2.63 min Scan# 92

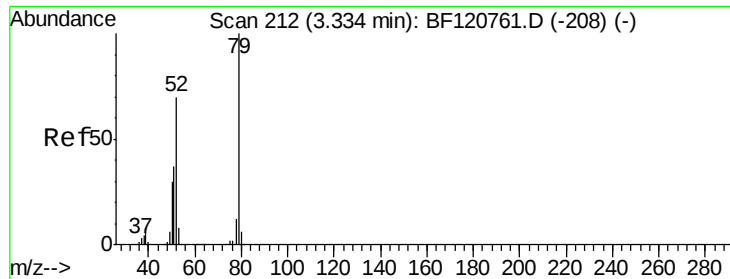
Delta R.T. 0.06 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	88	Resp:	235934
Ion Ratio	Lower	Upper	
88	100		
58	72.1	60.4	90.6
43	28.2	26.3	39.5





#3

Pvridine

Concen: 42.998 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.06 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

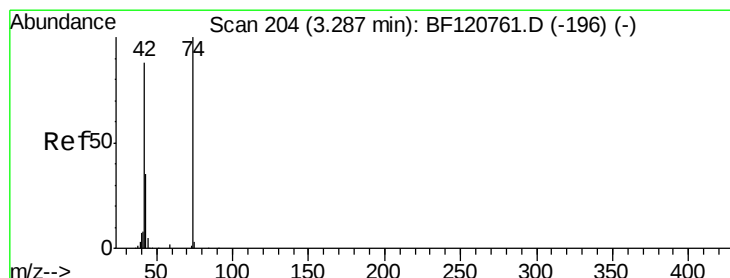
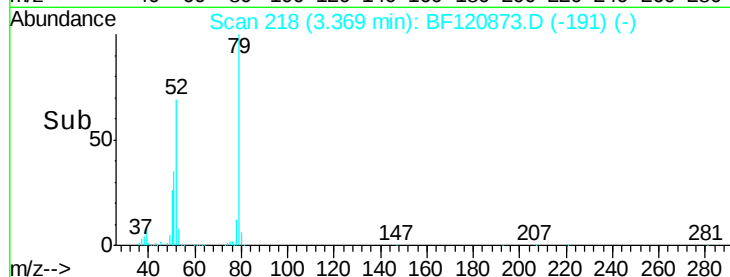
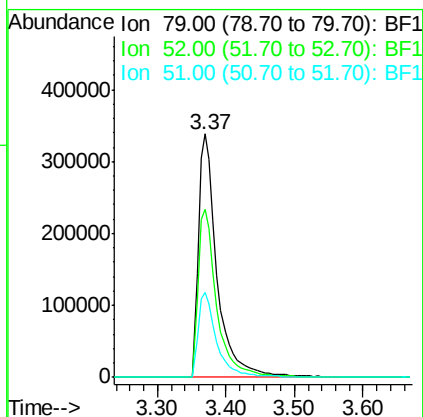
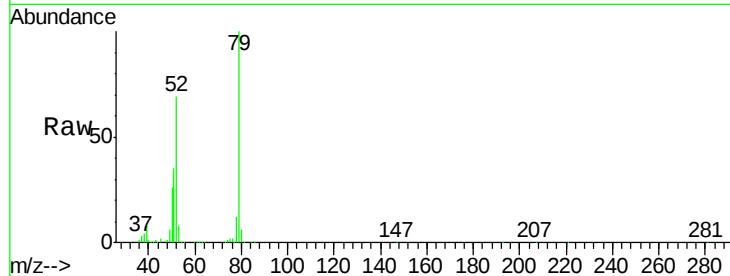
ClientSampleId :

IRON-1MSD

Tot Ion:	79	Resp:	646202
Ion Ratio	Lower	Upper	
79	100		
52	68.9	56.3	84.5
51	34.6	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 39.864 ng

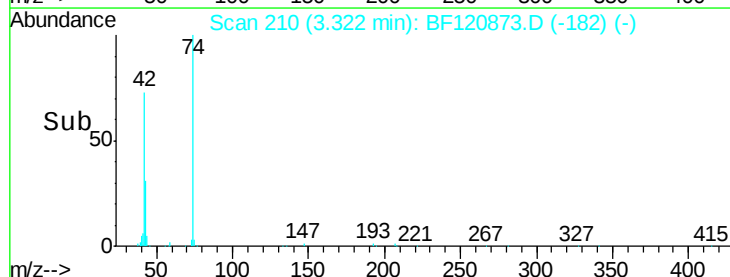
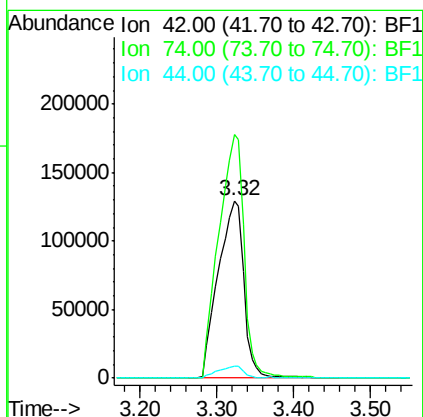
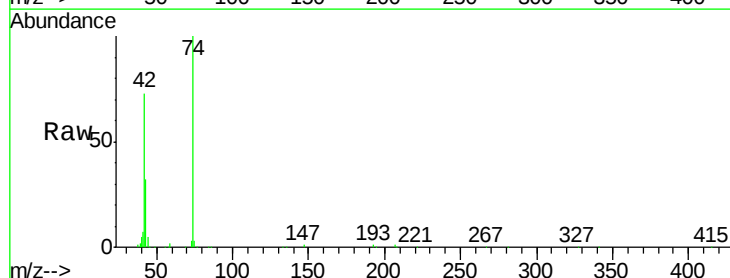
RT: 3.32 min Scan# 210

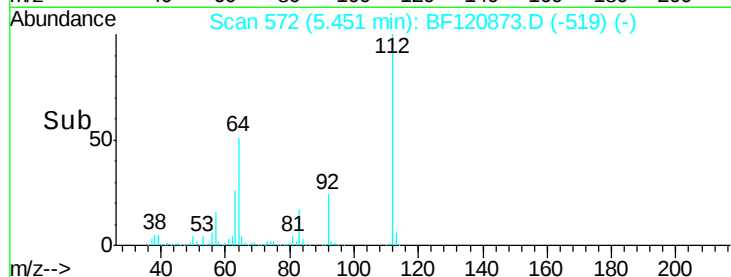
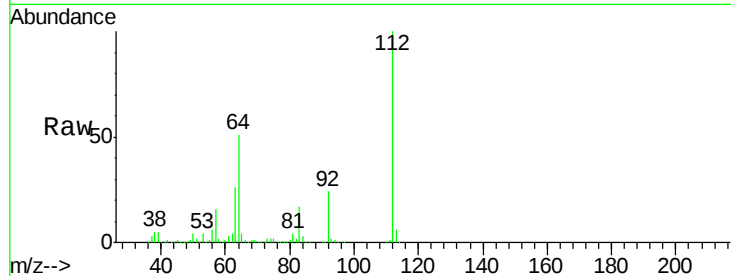
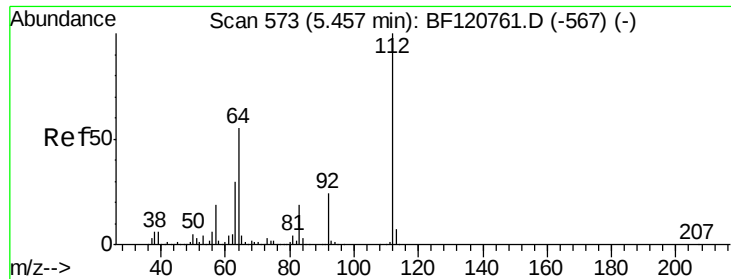
Delta R.T. 0.06 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	42	Resp:	299710
Ion Ratio	Lower	Upper	
42	100		
74	137.2	90.8	136.2#
44	6.6	5.8	8.8





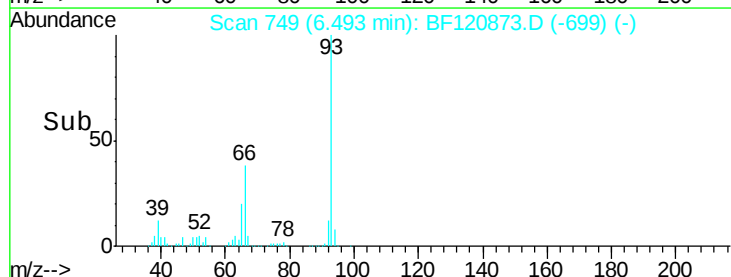
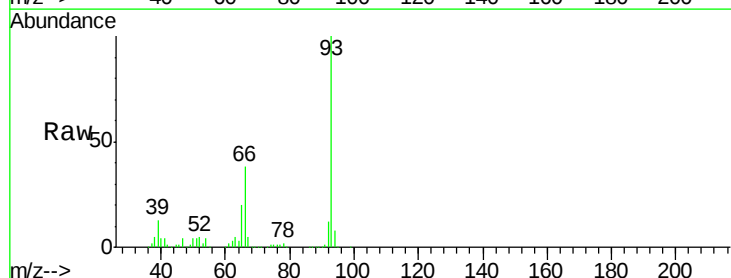
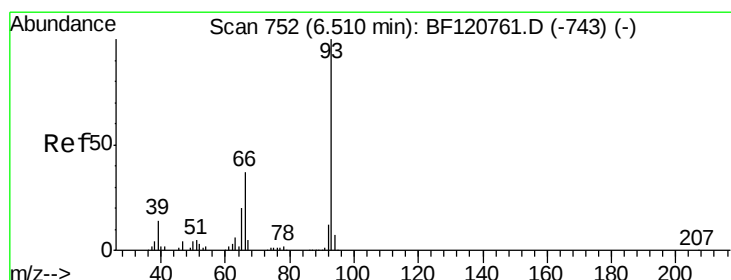
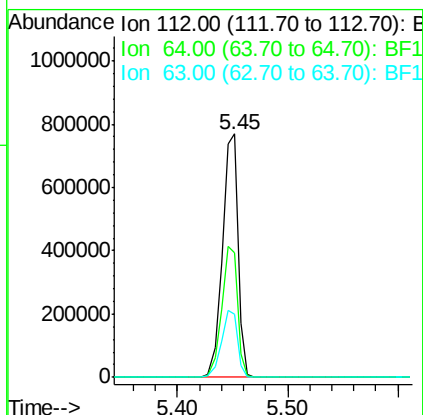
#5
2-Fluorophenol
Concen: 63.711 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		765247		
64	51.3	43.8	65.6		
63	26.0	23.6	35.4		

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

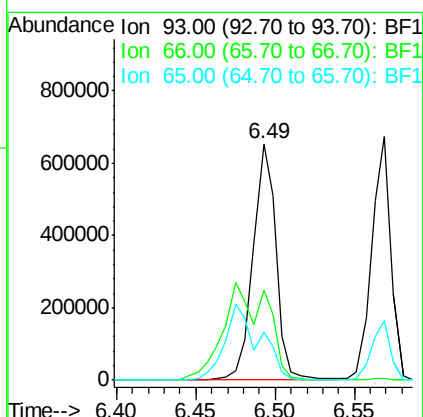
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#6
Aniline
Concen: 33.479 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		659512		
66	38.1	31.3	46.9		
65	20.1	16.5	24.7		





#7

Phenol-d6

Concen: 62.621 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

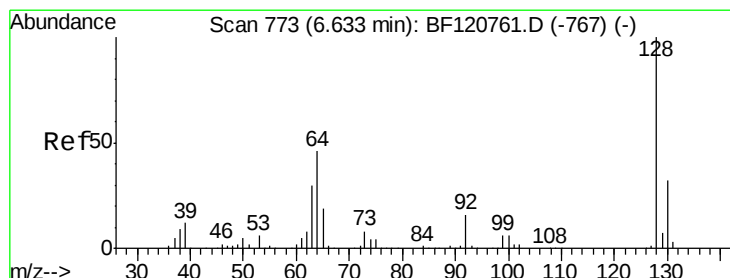
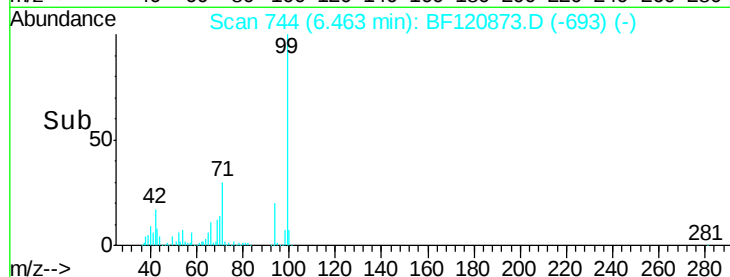
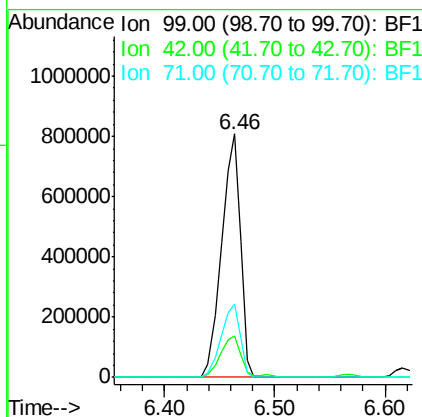
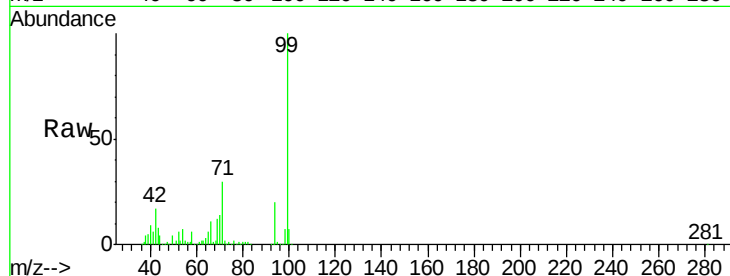
ClientSampleId :

IRON-1MSD

Tot Ion:	99	Resp:	960530
Ion Ratio	Lower	Upper	
99	100		
42	16.9	15.4	23.0
71	30.1	25.9	38.9

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#8

2-Chlorophenol

Concen: 48.012 ng

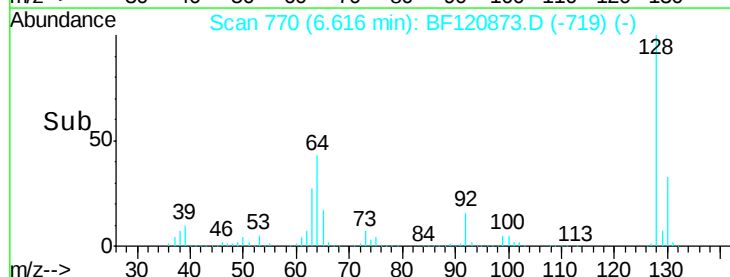
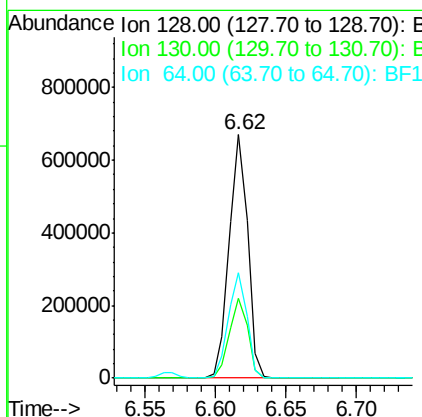
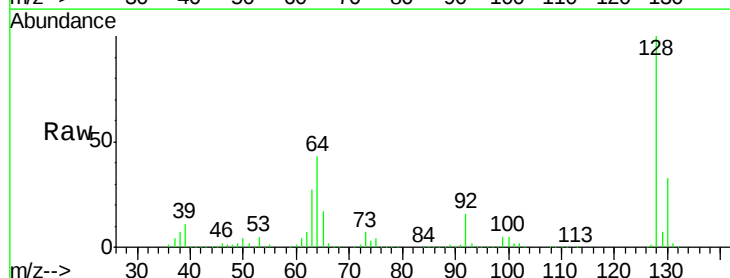
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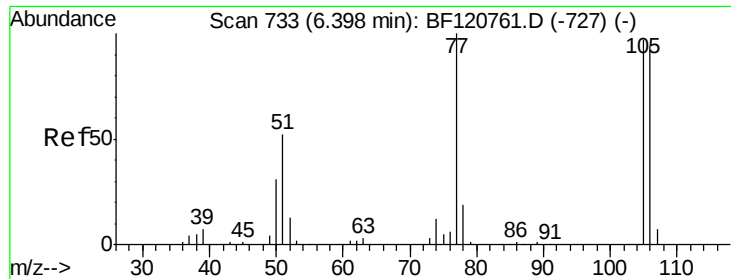
Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	128	Resp:	613977
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.1	52.1
64	43.0	26.3	66.3





#9

Benzaldehyde

Concen: 18.847 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

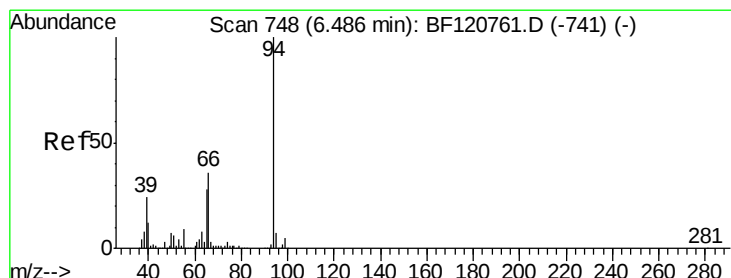
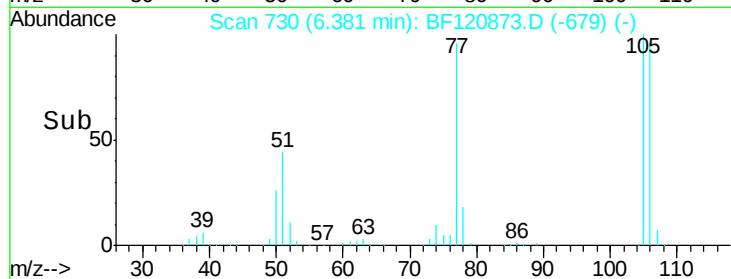
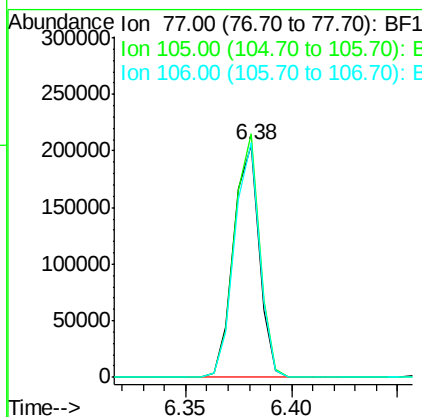
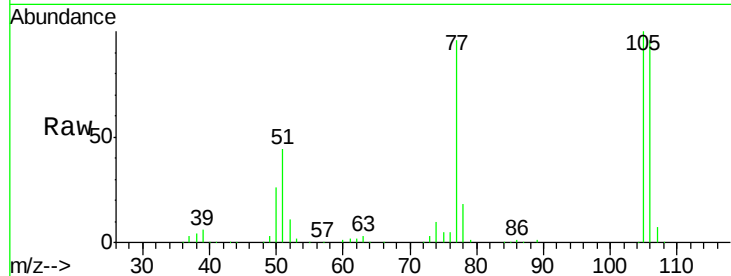
ClientSampleId :

IRON-1MSD

Tot Ion:	77	Resp:	171938
Ion	Ratio	Lower	Upper
77	100		
105	104.7	76.8	116.8
106	100.9	73.8	113.8

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#10

Phenol

Concen: 46.127 ng m

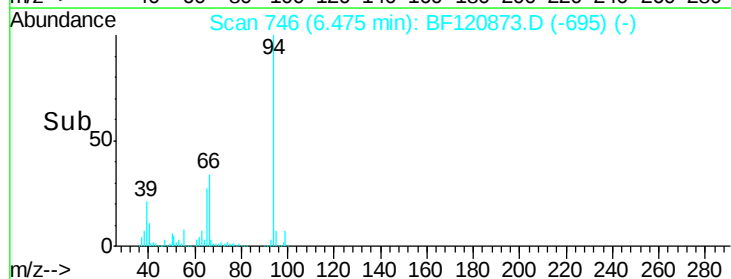
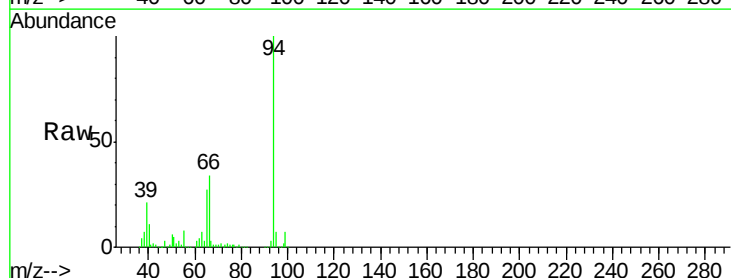
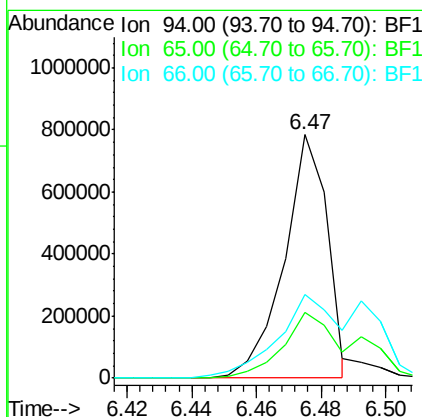
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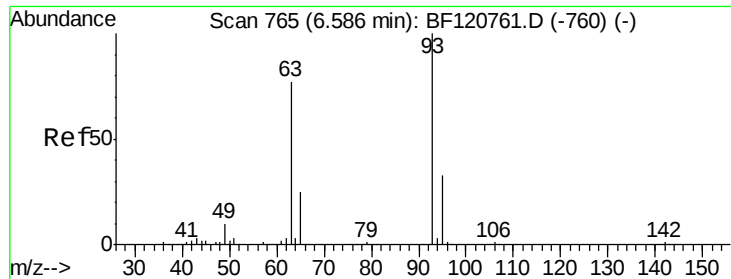
Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	94	Resp:	727843
Ion	Ratio	Lower	Upper
94	100		
65	26.9	8.4	48.4
66	34.4	16.5	56.5





#11

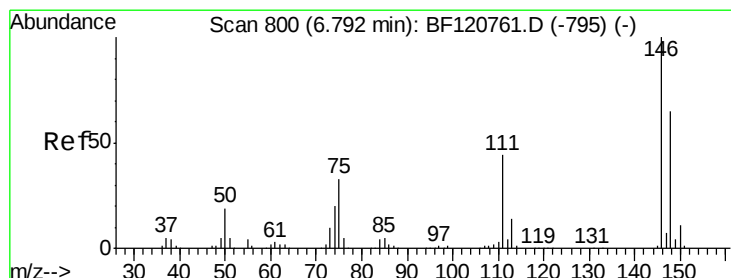
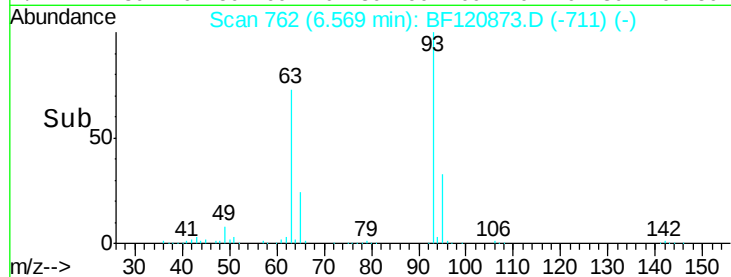
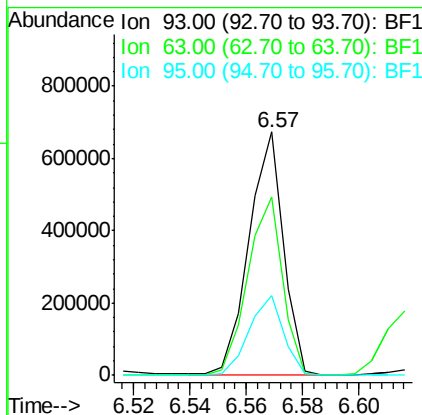
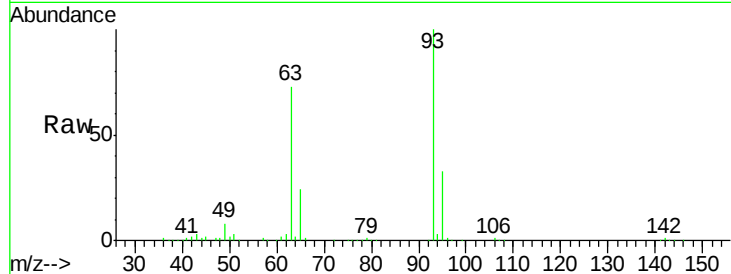
bis(2-Chloroethyl)ether
Concen: 44.350 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion:	93	Resp:	569457
Ion Ratio	Lower	Upper	
93	100		
63	73.3	56.9	96.9
95	33.0	13.3	53.3

Manual Integrations
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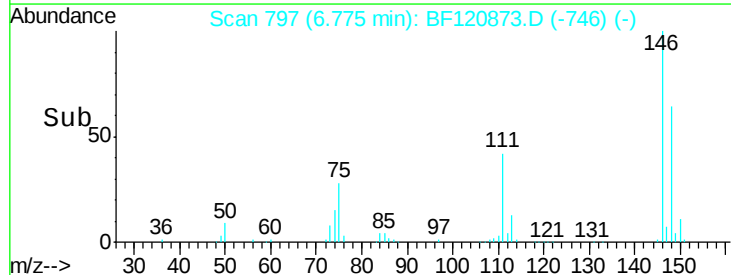
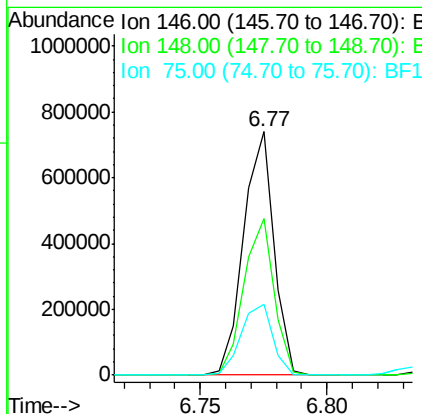
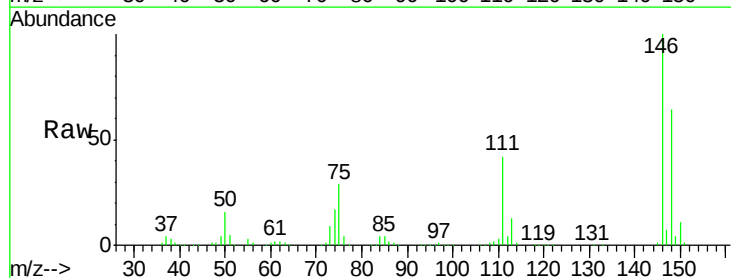
mohammad
7/16/2020 11:05:04 AM

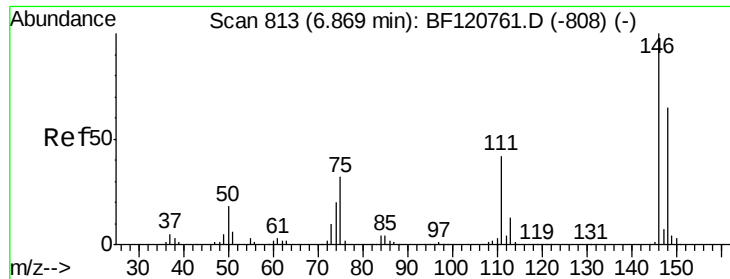


#12

1,3-Dichlorobenzene
Concen: 43.637 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion:	146	Resp:	614221
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.1	78.1
75	29.3	26.0	39.0





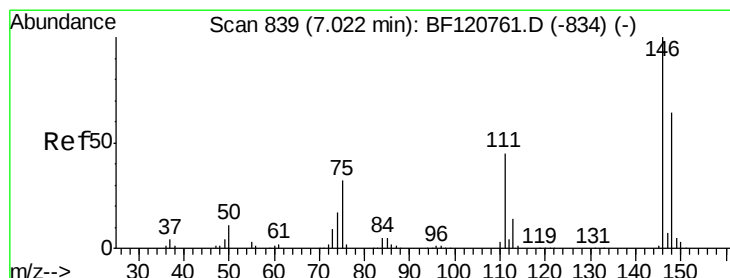
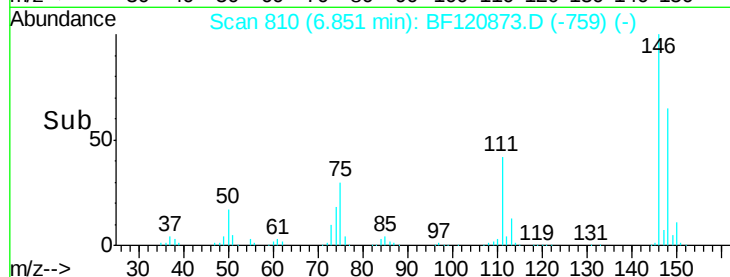
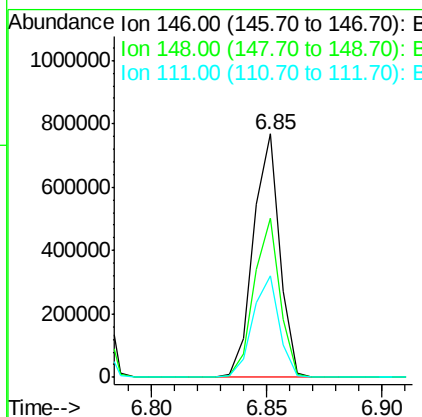
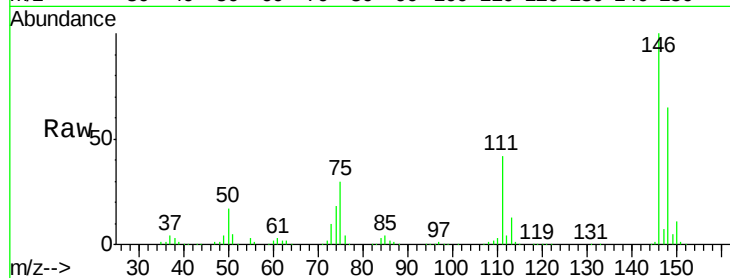
#13
 1,4-Dichlorobenzene
 Concen: 43.335 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.6
111	41.5	33.7	50.5

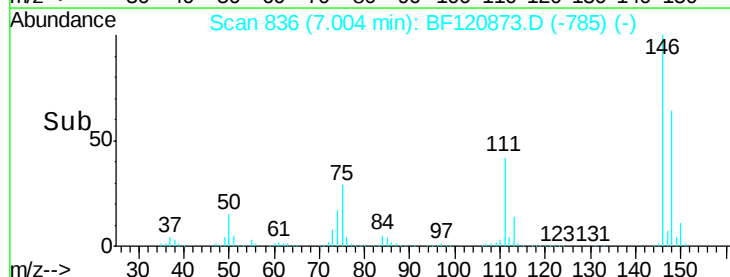
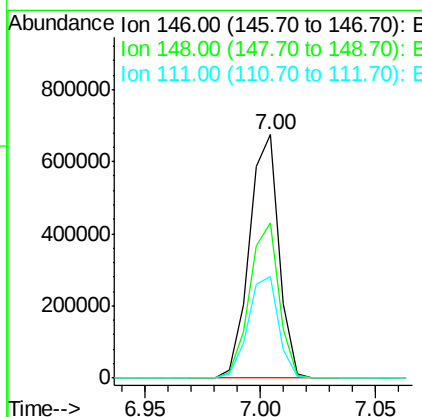
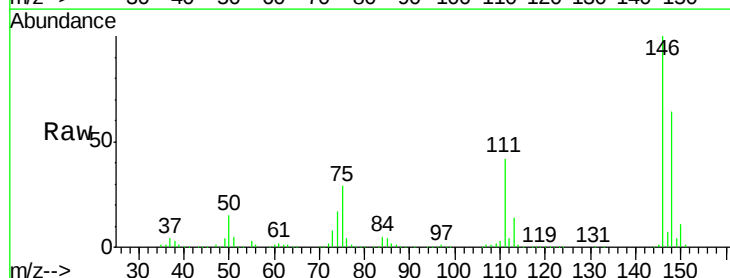
Manual Integrations
 APPROVED

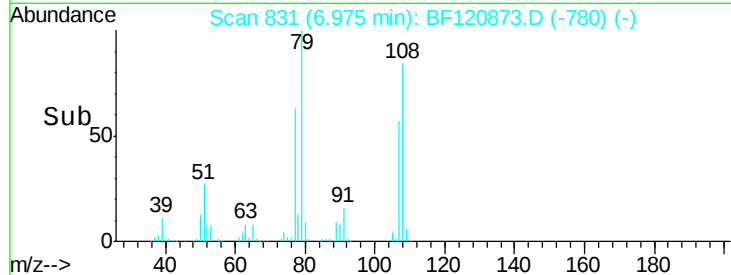
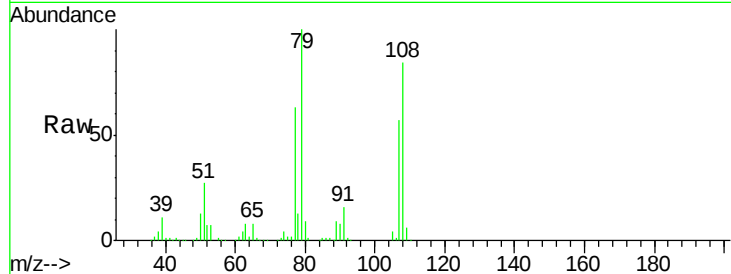
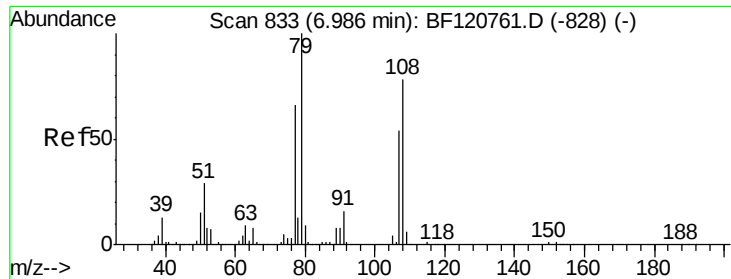
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#14
 1,2-Dichlorobenzene
 Concen: 44.822 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	41.9	35.7	53.5





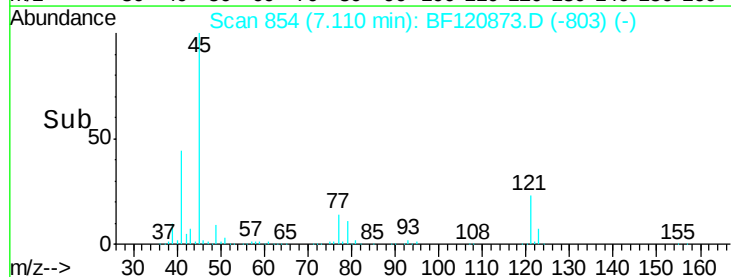
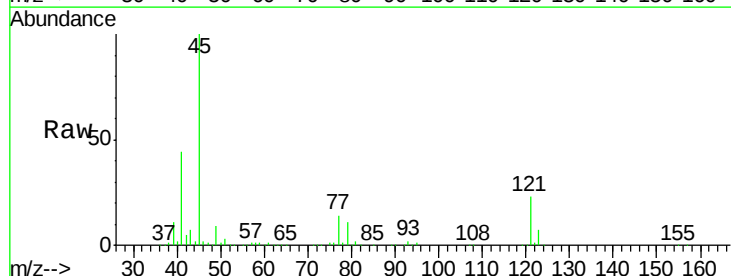
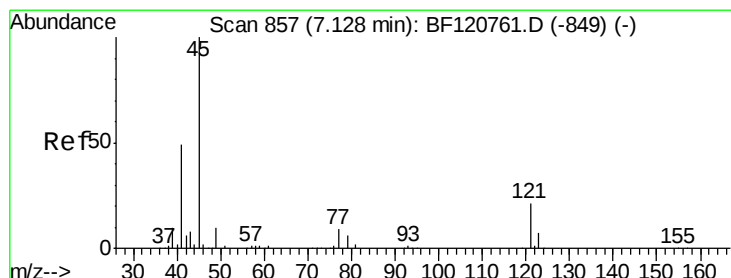
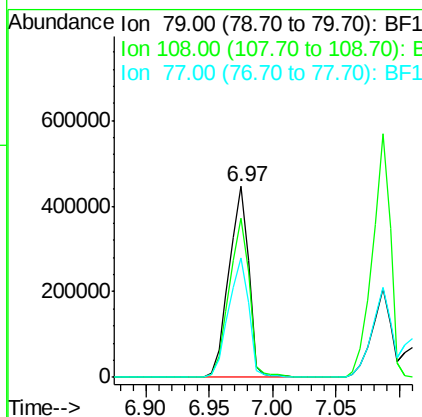
#15
Benzyl Alcohol
Concen: 41.740 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tot Ion	Ratio	Resp	Lower	Upper
79	100	481049		
108	83.6	62.4	93.6	
77	62.8	52.7	79.1	

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

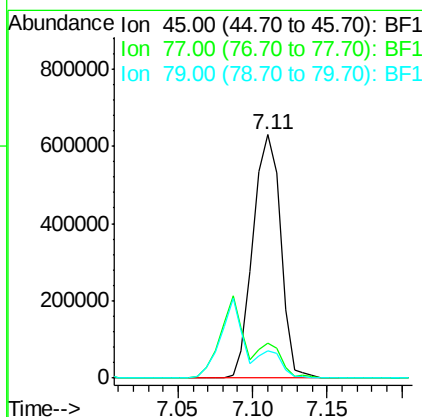
Manual Integrations
APPROVED

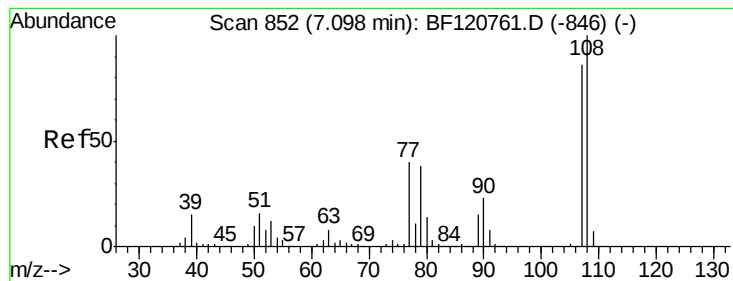
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.073 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	802583		
77	14.4	0.0	33.7	
79	11.2	0.0	30.5	





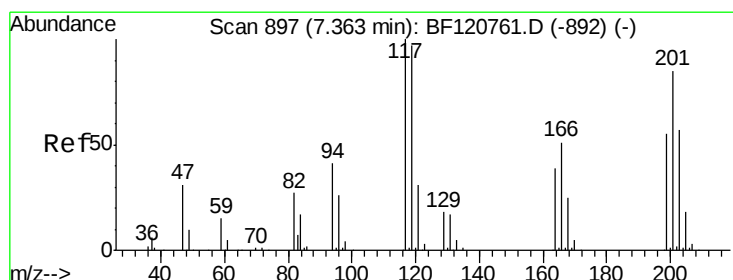
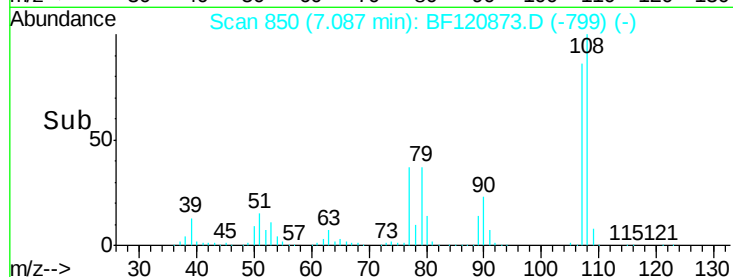
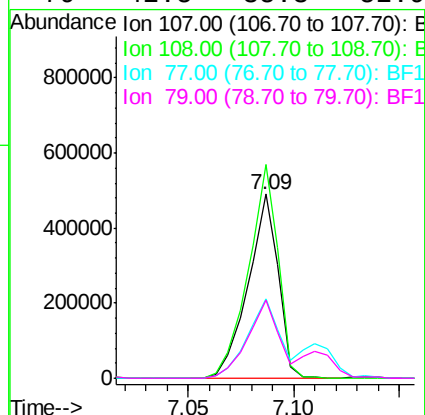
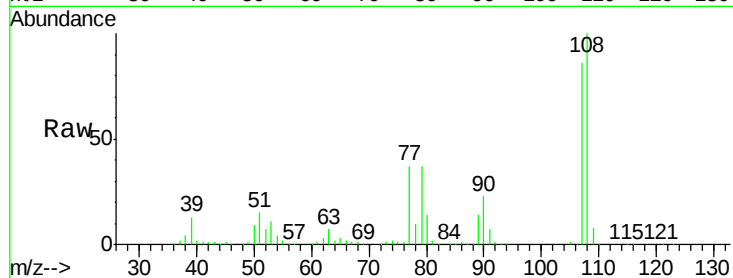
#17
2-Methylphenol
Concen: 42.202 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	93.1	139.7	
77	43.2	37.3	55.9	
79	42.5	35.3	52.9	

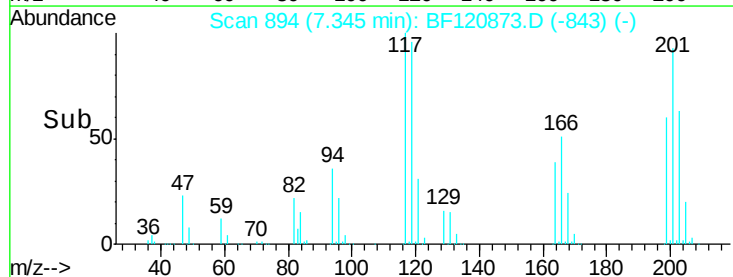
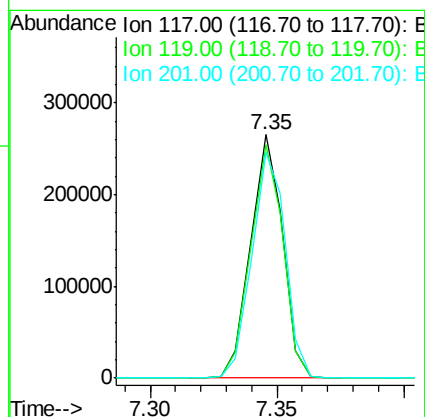
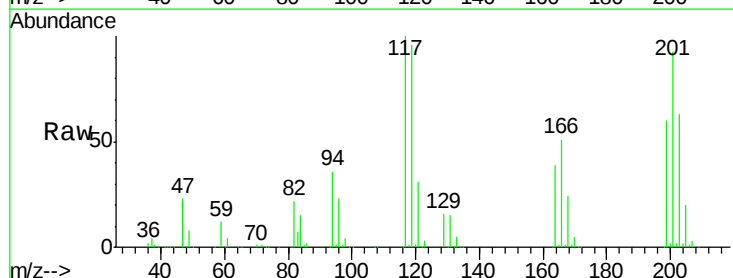
Manual Integrations
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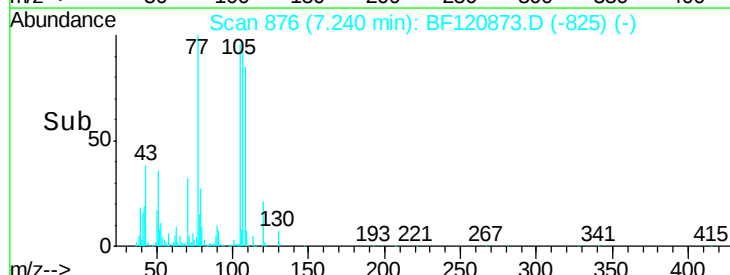
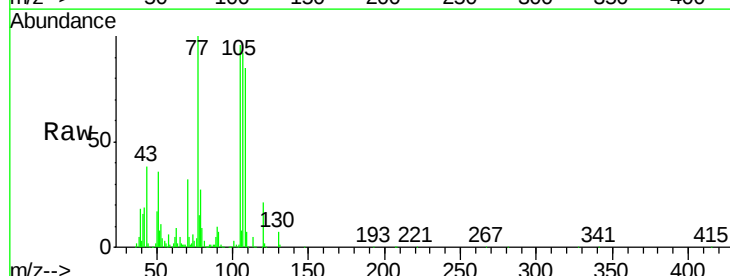
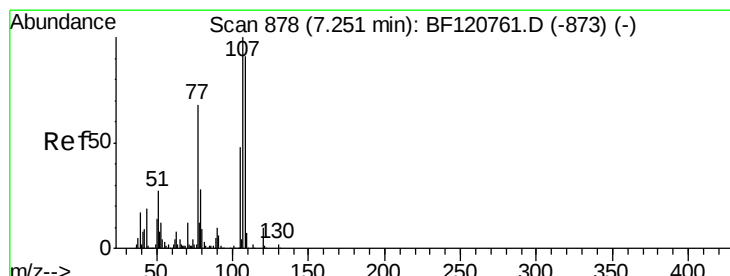
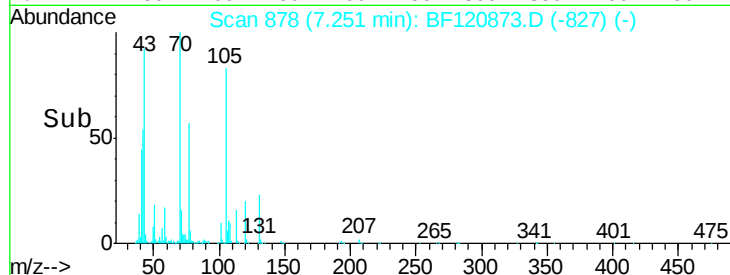
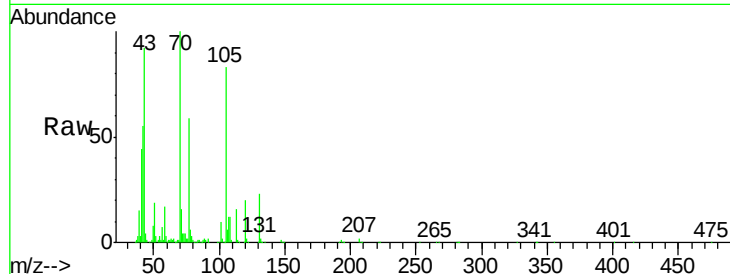
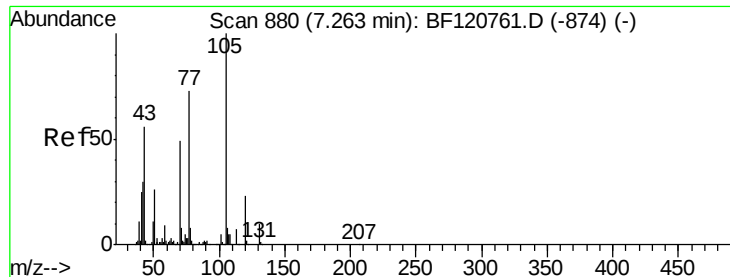
mohammad
7/16/2020 11:05:04 AM



#18
Hexachloroethane
Concen: 43.850 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.9	116.9	
201	92.6	68.3	102.5	





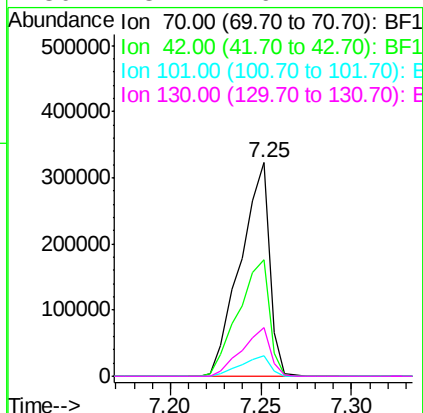
#19
n-Nitroso-di-n-propylamine
Concen: 39.000 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	50.3	75.5
101	9.8	7.5	11.3
130	23.1	16.1	24.1

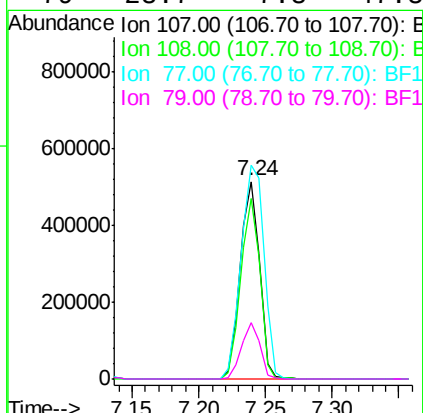
Manual Integrations
APPROVED

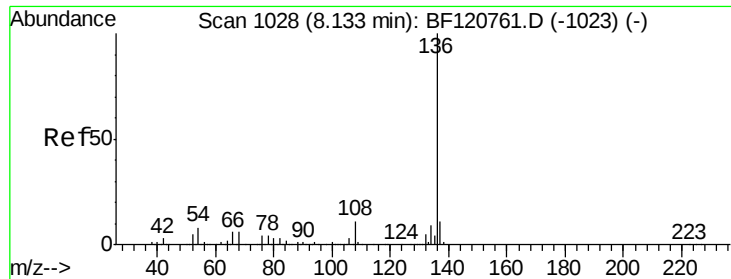
mohammad
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#20
3+4-Methylphenols
Concen: 36.951 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.9	110.9
77	108.1	48.3	88.3
79	28.7	7.8	47.8





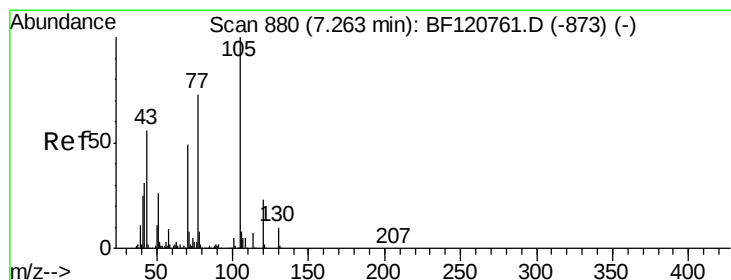
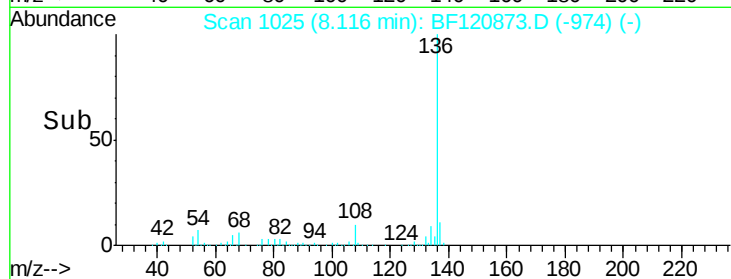
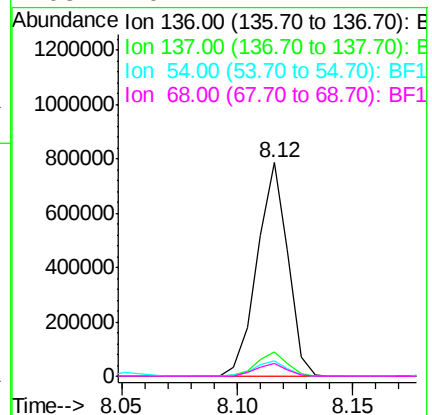
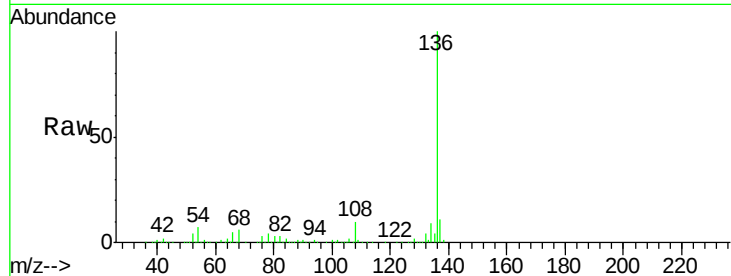
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	7.4	6.2	9.4	
68	6.1	4.7	7.1	

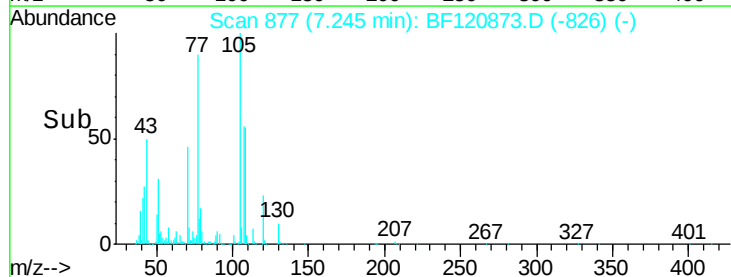
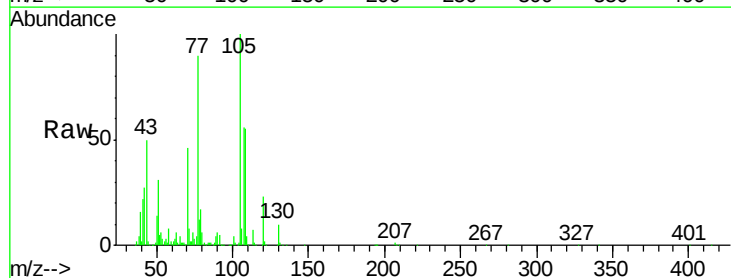
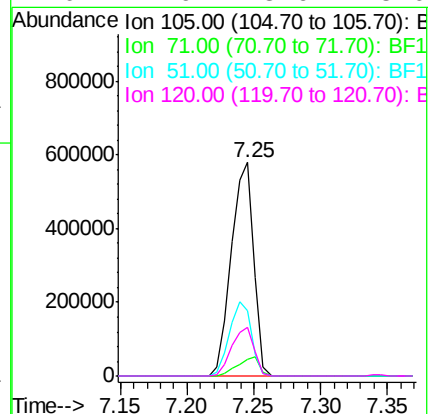
Manual Integrations
APPROVED

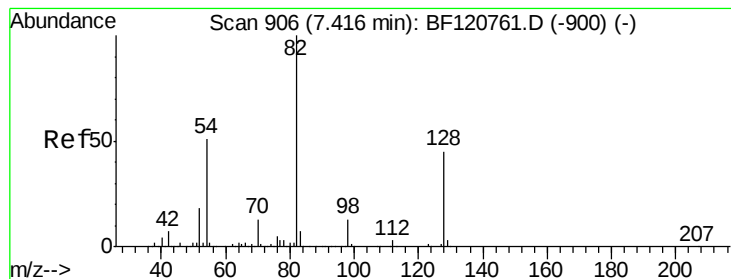
mohammad
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#22
Acetophenone
Concen: 37.925 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	6.5	9.7	
51	30.8	21.0	31.4	
120	22.9	18.6	28.0	





#23

Nitrobenzene-d5

Concen: 46.596 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

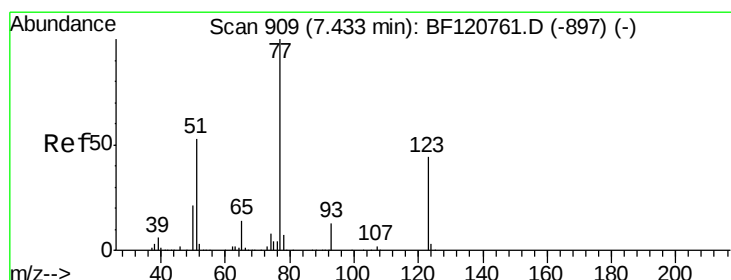
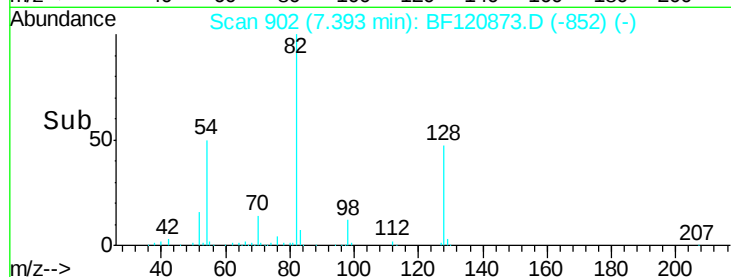
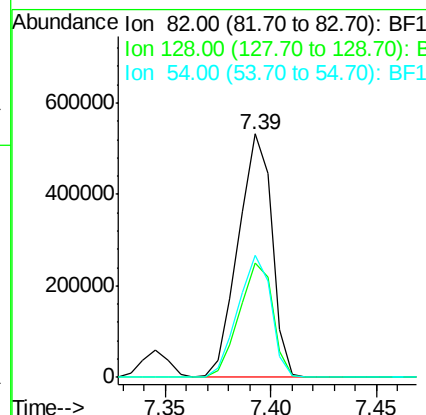
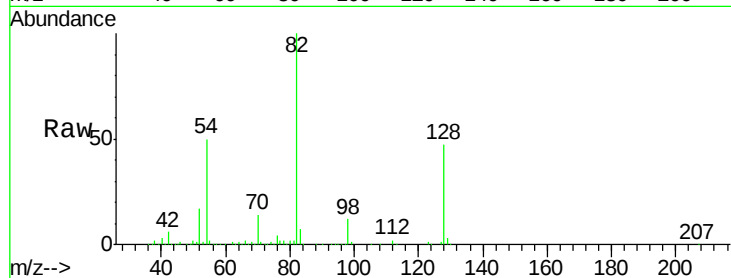
ClientSampleId :

IRON-1MSD

Tot Ion:	82	Resp:	586429
Ion Ratio	Lower	Upper	
82	100		
128	47.2	35.7	53.5
54	50.3	40.9	61.3

Manual Integrations
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#24

Nitrobenzene

Concen: 43.225 ng

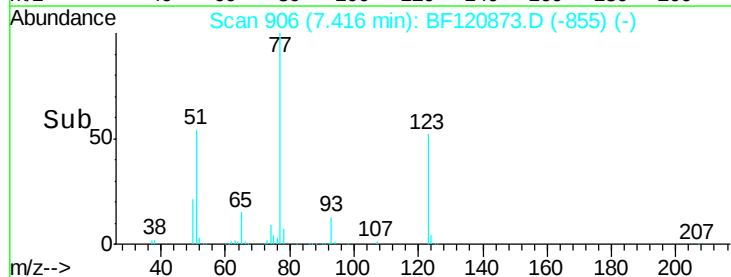
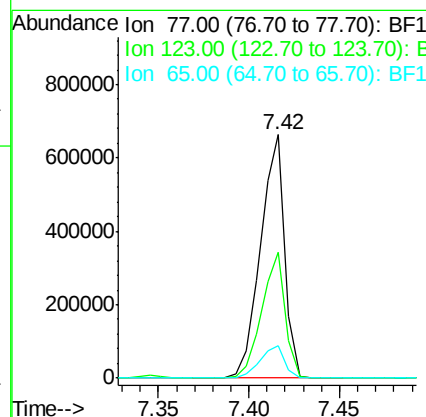
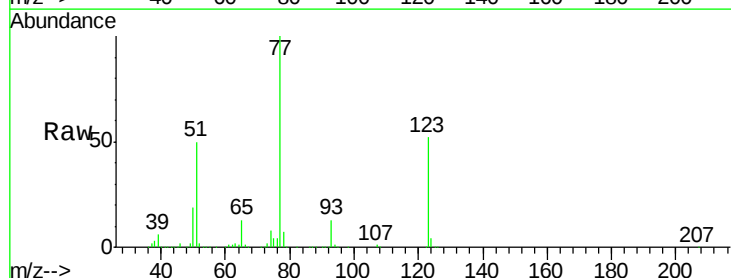
RT: 7.42 min Scan# 906

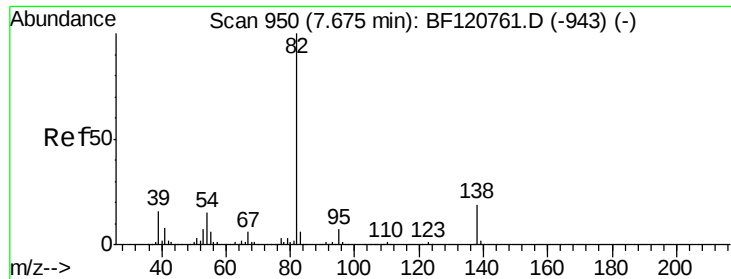
Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	77	Resp:	610812
Ion Ratio	Lower	Upper	
77	100		
123	51.8	36.1	54.1
65	13.3	11.0	16.4





#25

Isophorone

Concen: 40.981 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

IRON-1MSD

Tot Ion: 82 Resp: 1112297

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

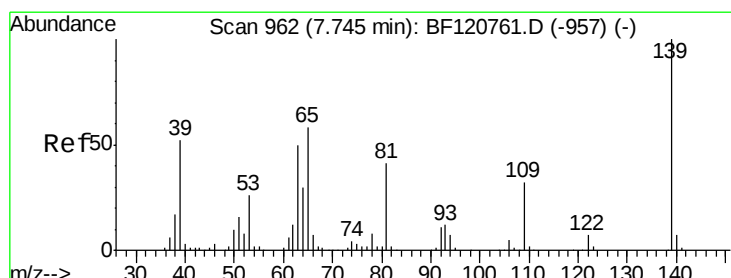
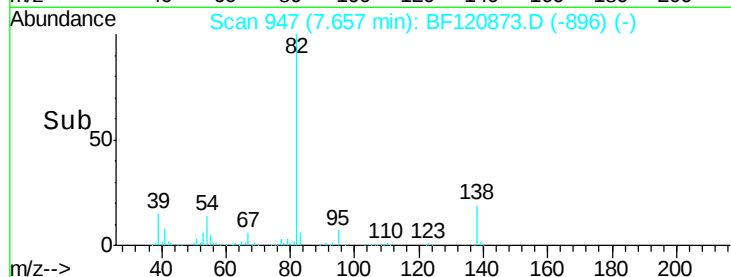
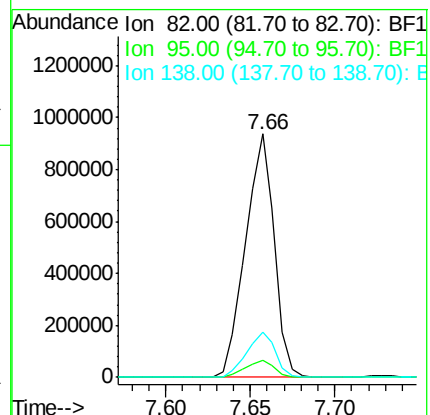
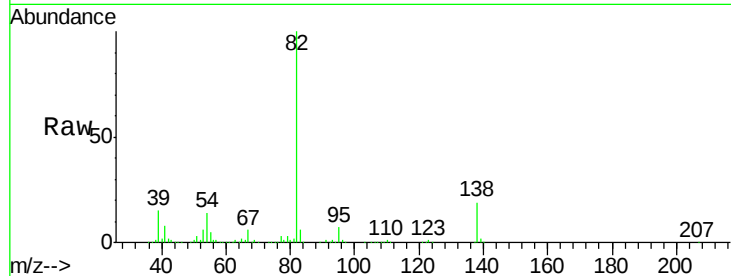
138 18.5 15.0 22.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.116 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

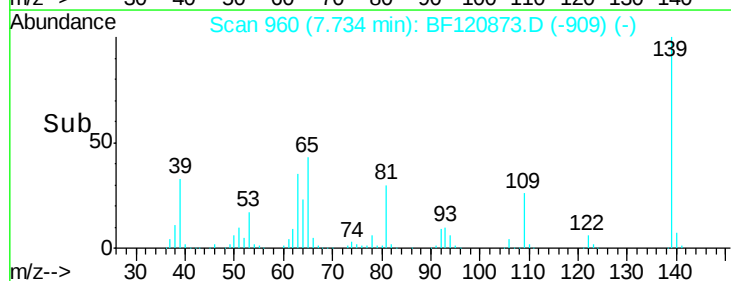
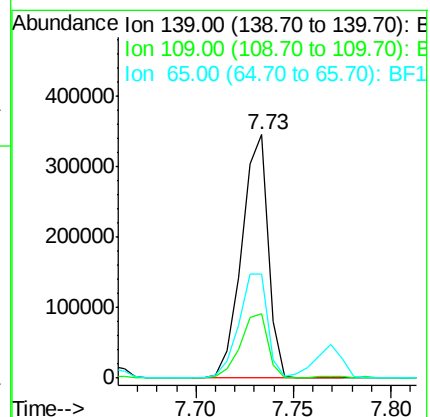
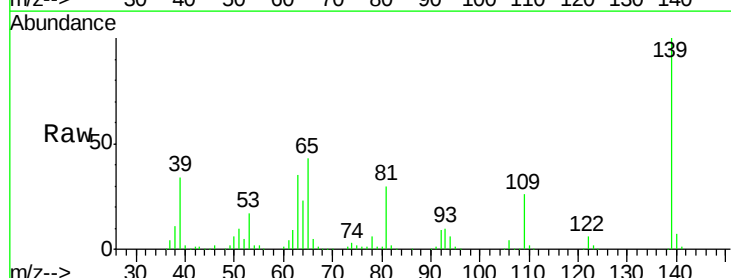
Tgt Ion: 139 Resp: 324758

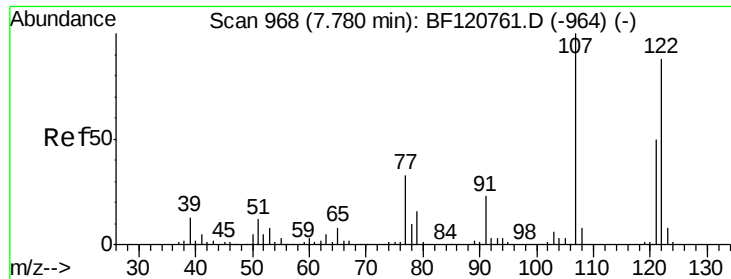
Ion Ratio Lower Upper

139 100

109 26.2 25.3 37.9

65 43.0 46.2 69.2#





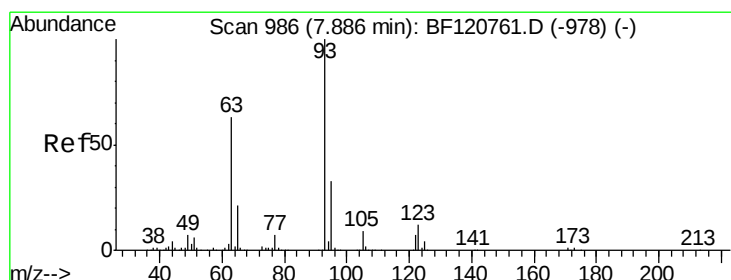
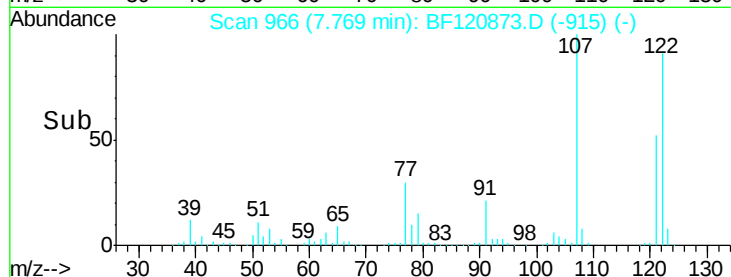
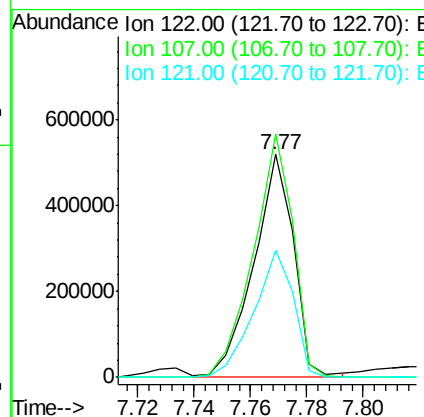
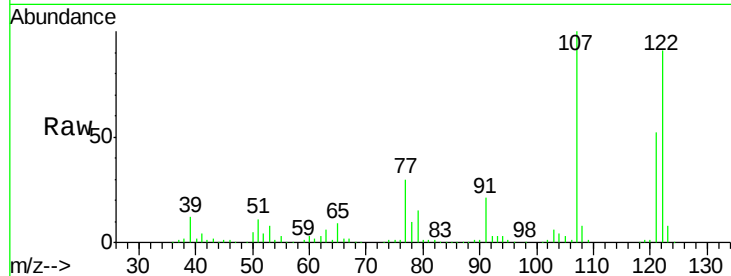
#27
2,4-Dimethylphenol
Concen: 46.728 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	90.7	136.1
121	57.3	45.4	68.0

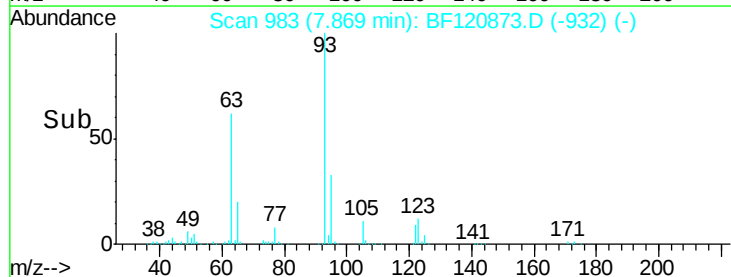
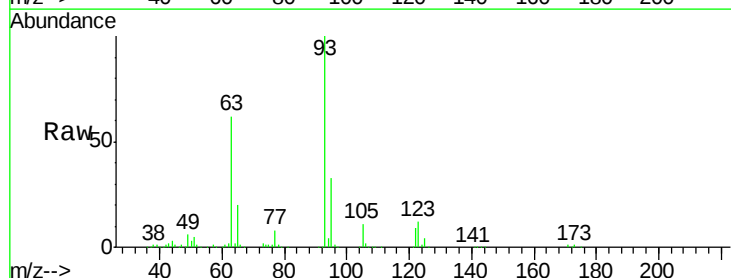
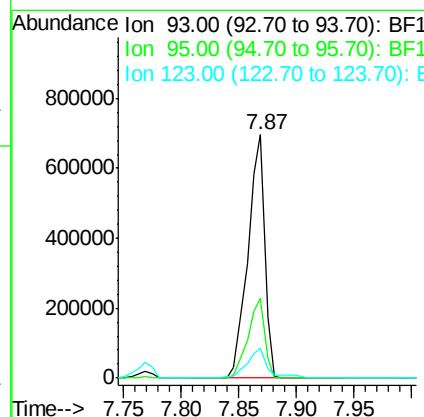
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 43.776 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.3	10.2	15.2





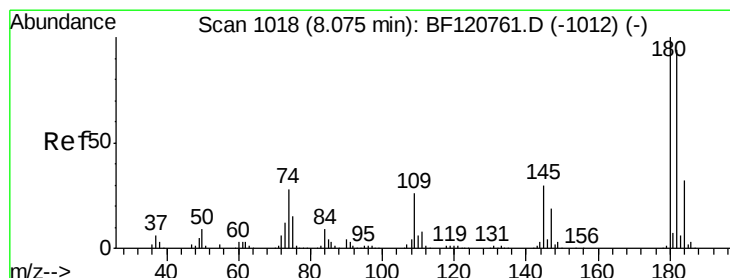
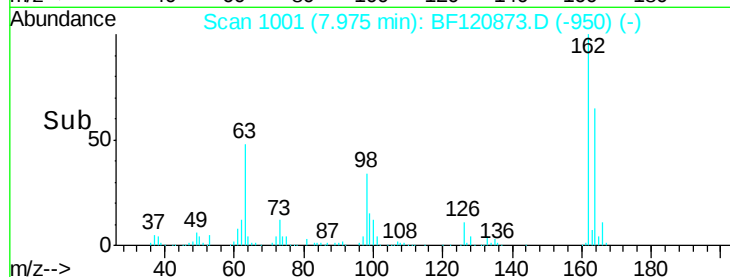
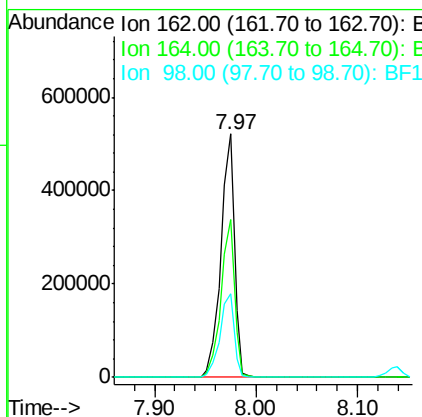
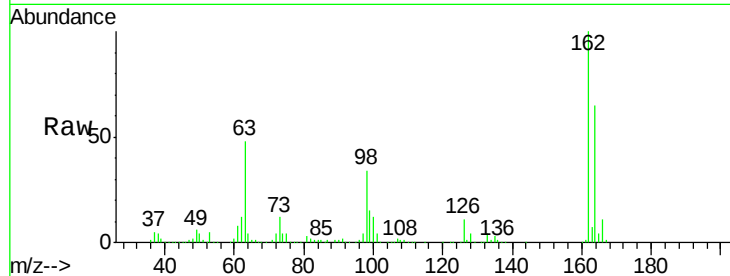
#29
2,4-Dichlorophenol
Concen: 45.202 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	488914		
164	64.9	45.2	85.2	
98	34.4	17.0	57.0	

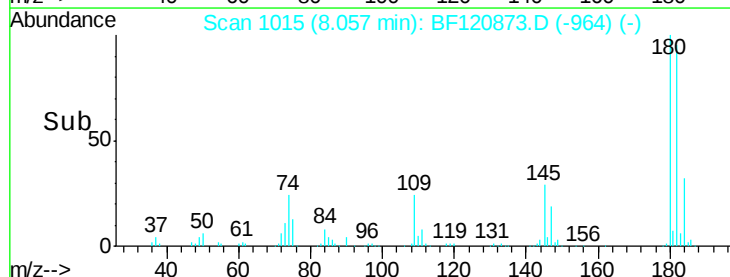
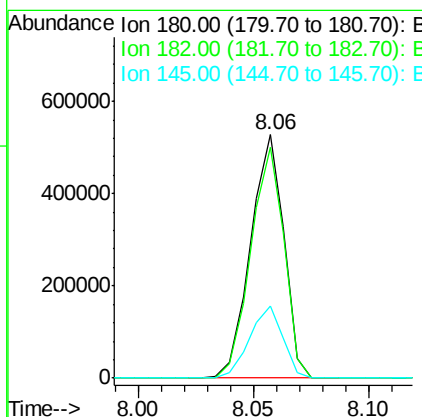
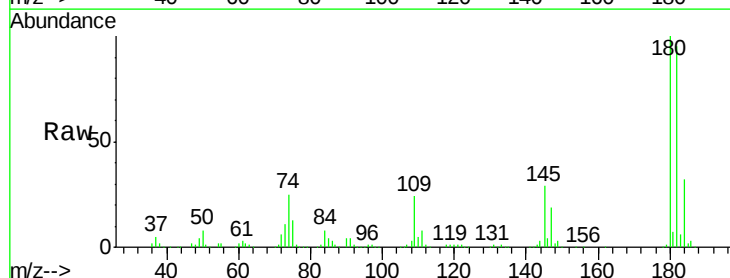
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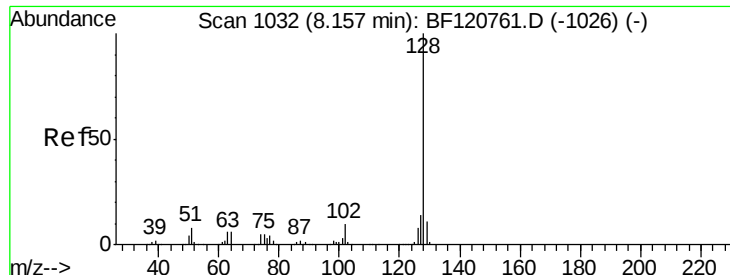
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.662 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	530432		
182	94.7	75.5	113.3	
145	29.5	24.1	36.1	





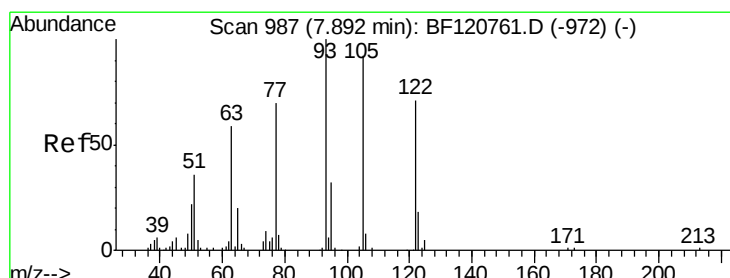
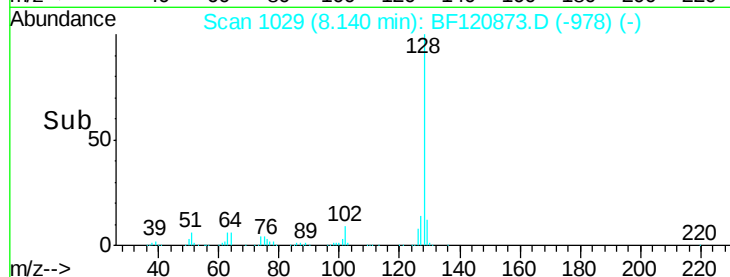
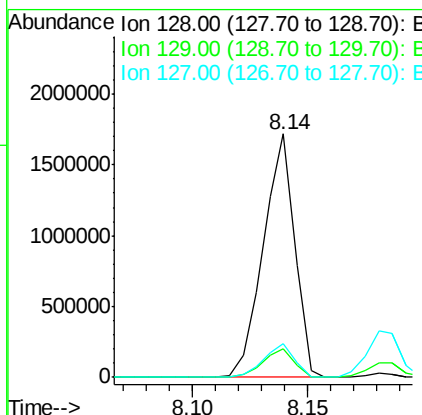
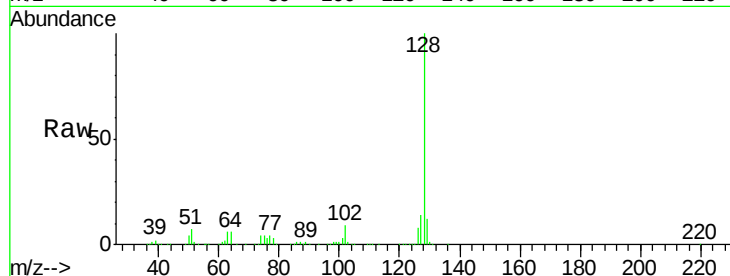
#31
Naphthalene
Concen: 41.864 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.9	11.1	16.7

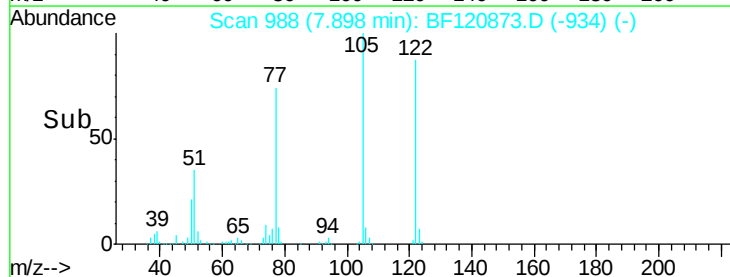
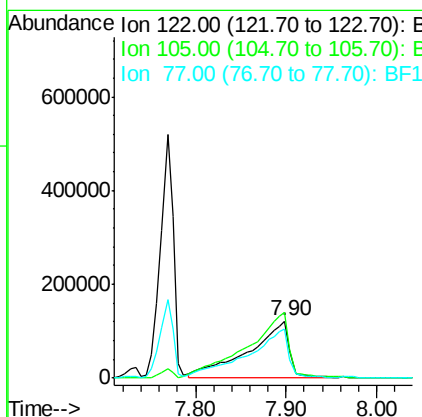
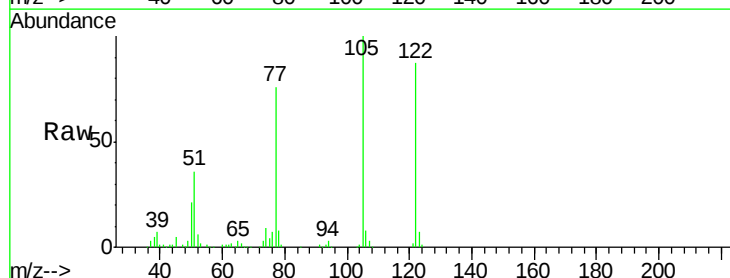
Manual Integrations
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#32
Benzoic acid
Concen: 48.278 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.02 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	105.8	145.8
77	86.4	77.3	117.3





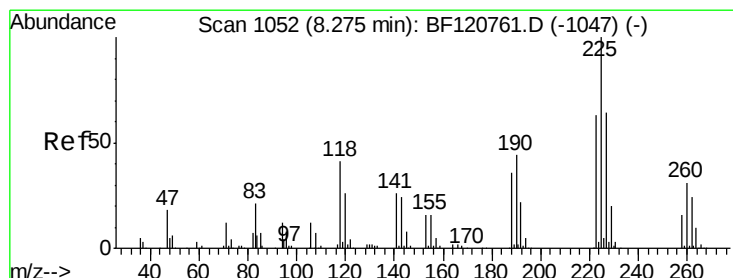
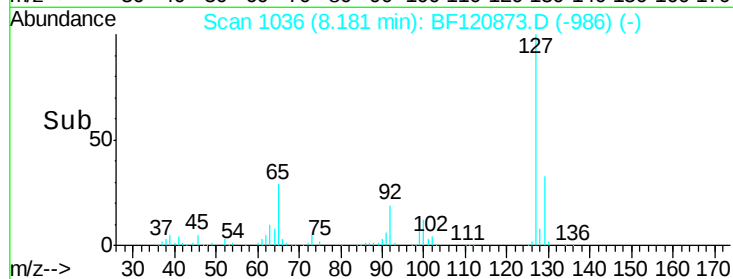
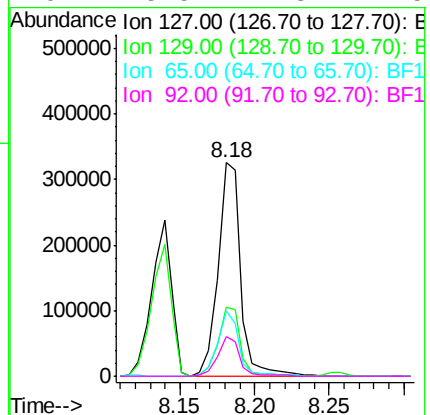
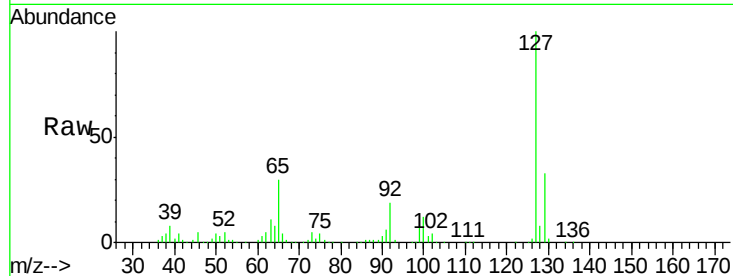
#33
4-Chloroaniline
Concen: 20.791 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.6	39.8		
65	30.4	22.7	34.1		
92	18.5	14.3	21.5		

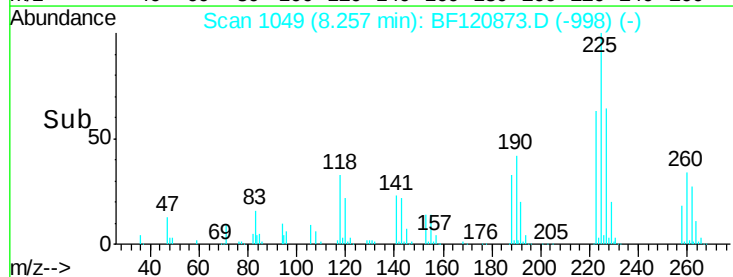
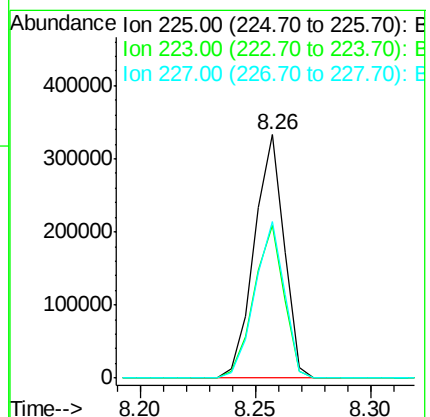
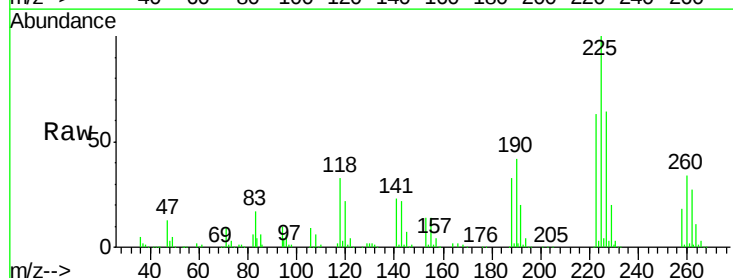
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 41.172 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	64.3	51.4	77.2		





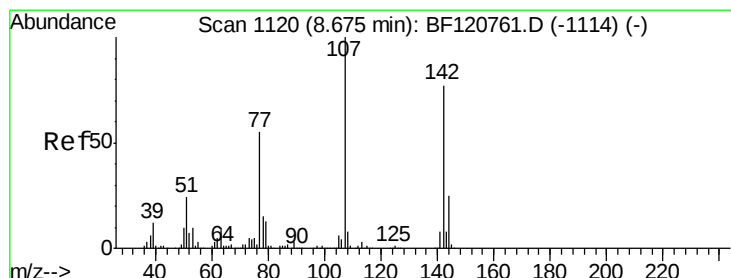
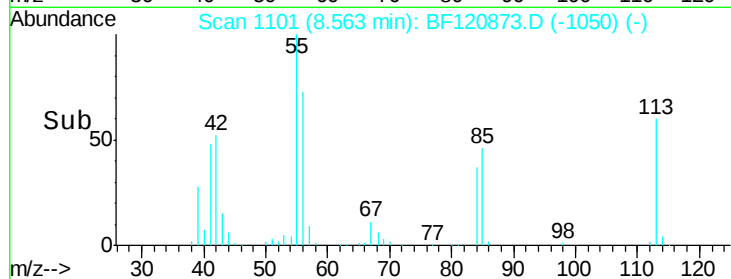
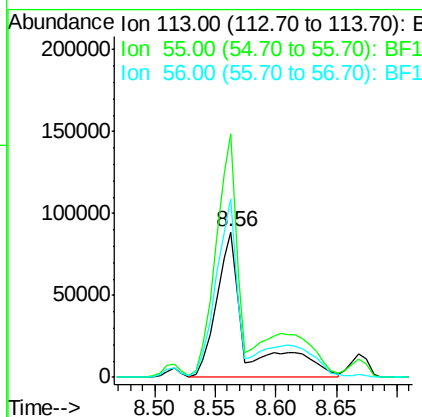
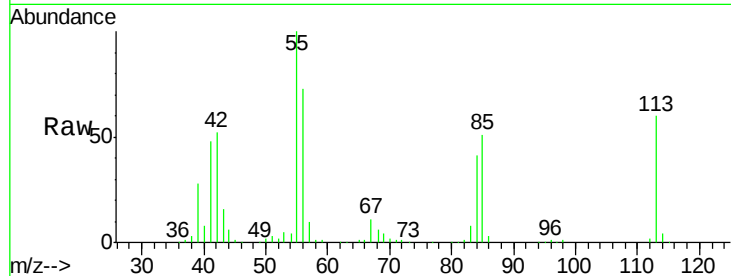
#35
Caprolactam
Concen: 49.345 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.7	168.3	208.3#
56	122.8	118.8	158.8

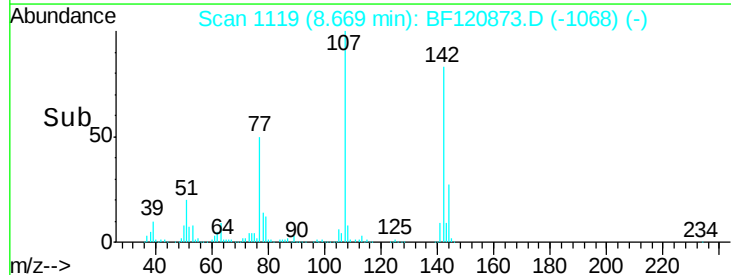
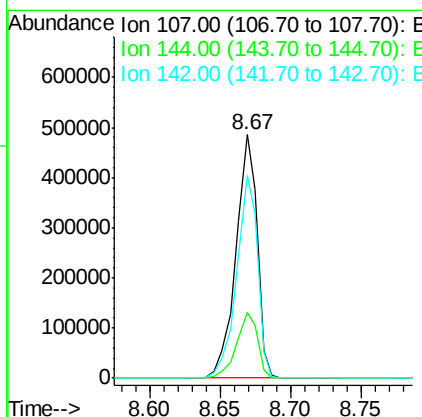
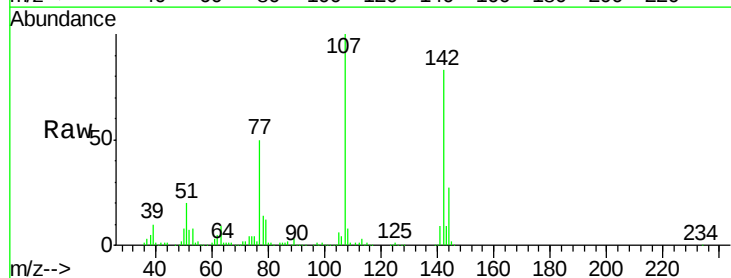
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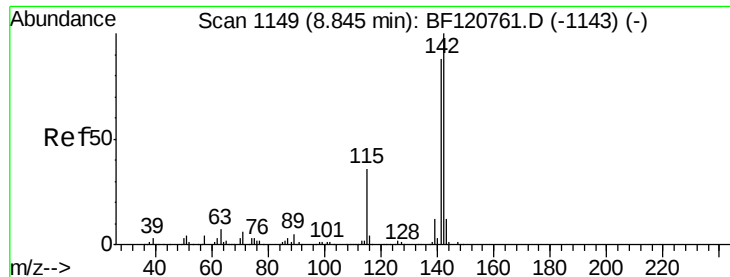
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#36
4-Chloro-3-methylphenol
Concen: 45.187 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	19.7	29.5
142	83.3	61.2	91.8





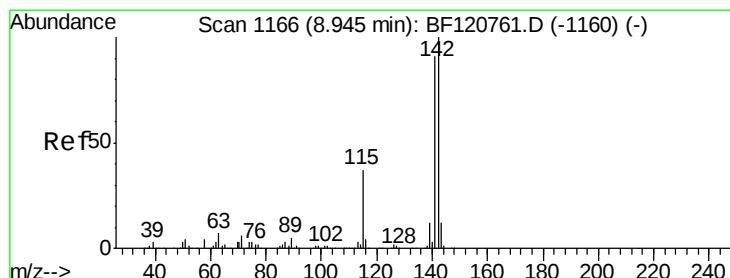
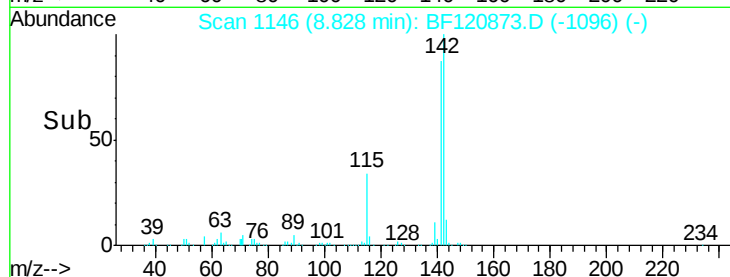
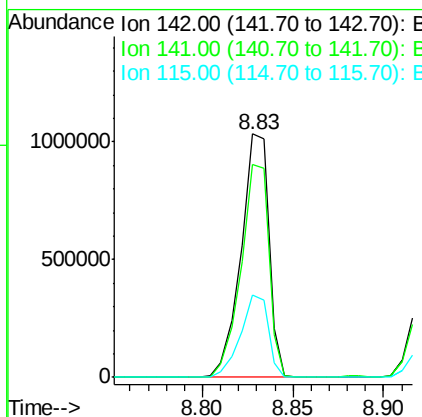
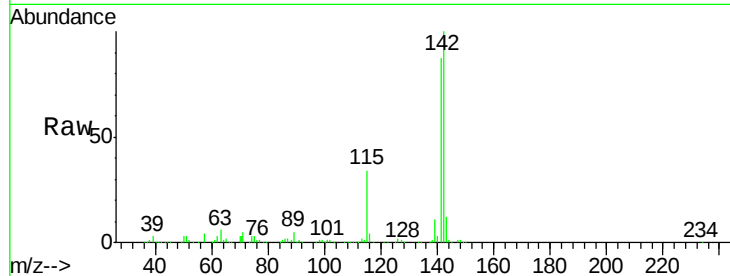
#37
2-Methylnaphthalene
Concen: 43.667 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.4
115	33.7	29.0	43.4

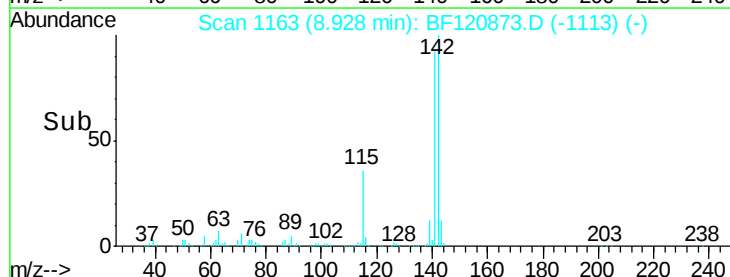
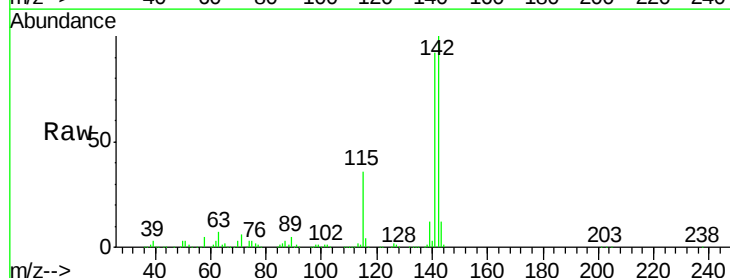
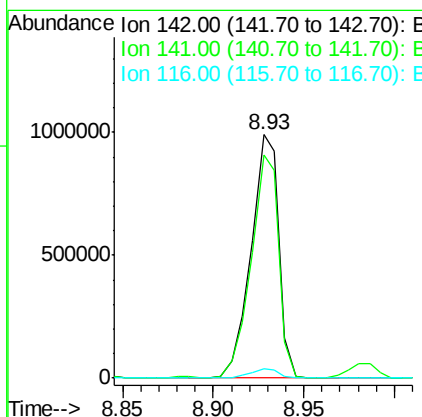
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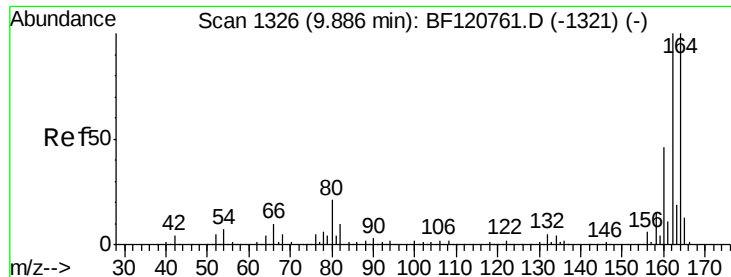
mohammad
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#38
1-Methylnaphthalene
Concen: 44.216 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.5	108.7
116	3.9	3.1	4.7





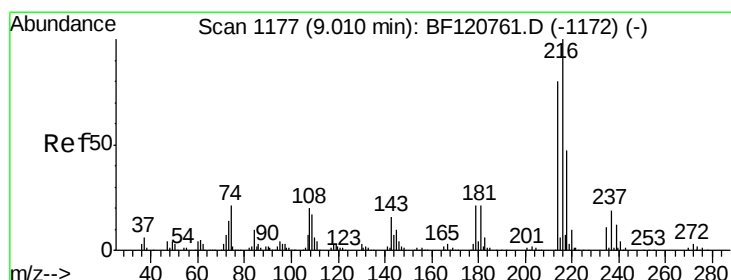
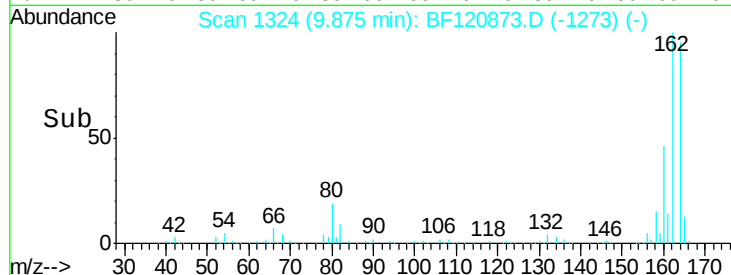
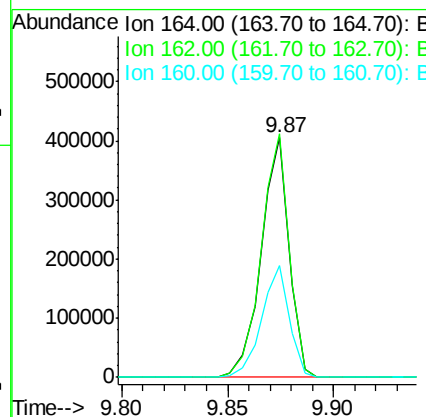
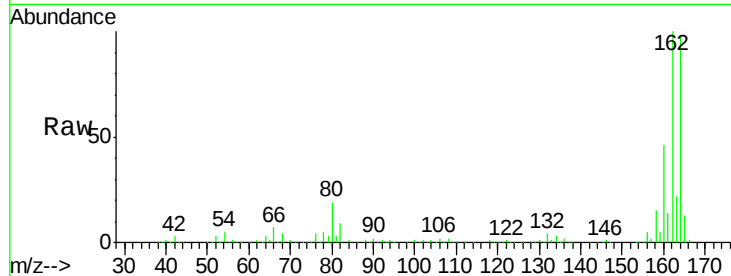
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampled :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	46.9	36.9	55.3

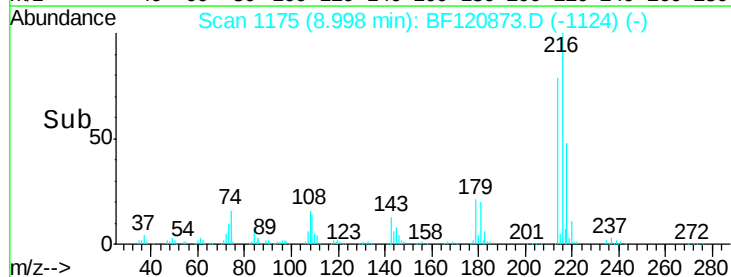
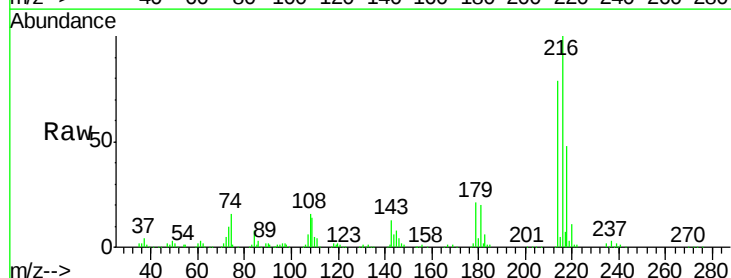
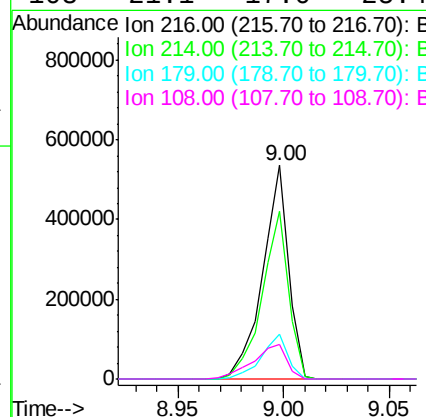
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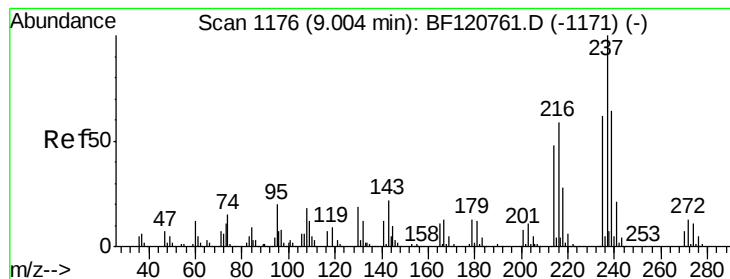
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.932 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.7	95.5
179	21.2	16.7	25.1
108	21.1	17.0	25.4





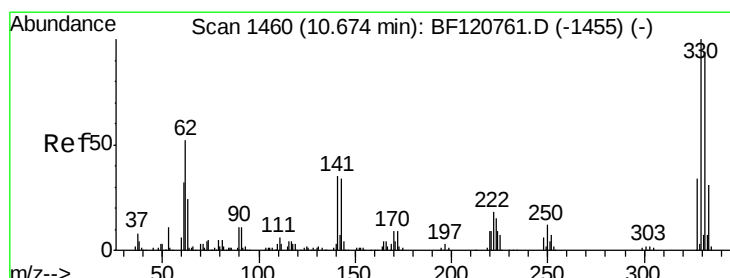
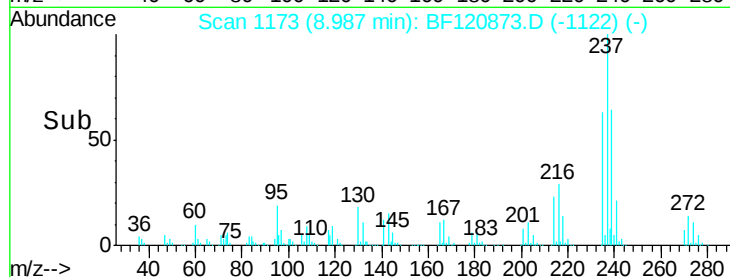
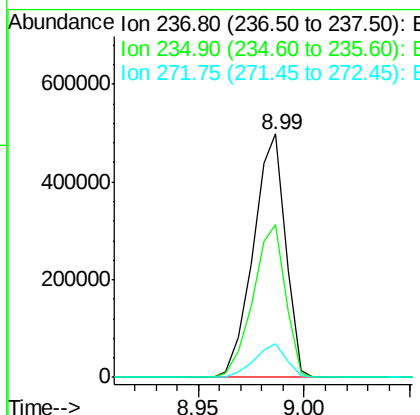
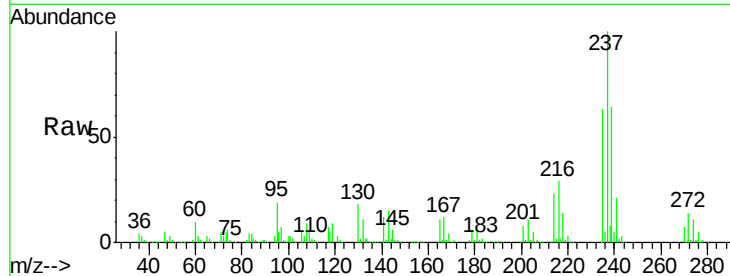
#41
 Hexachlorocyclopentadiene
 Concen: 79.200 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion:	237	Resp:	527141
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.1	82.1
272	13.9	0.0	33.4

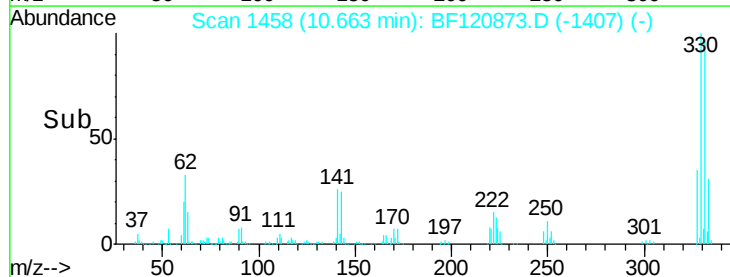
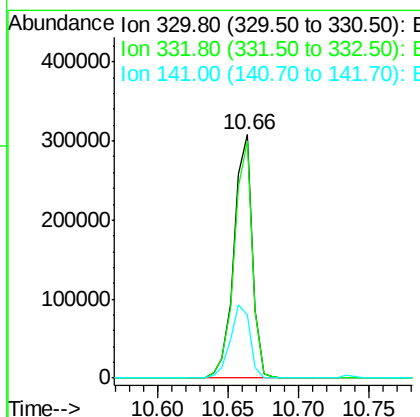
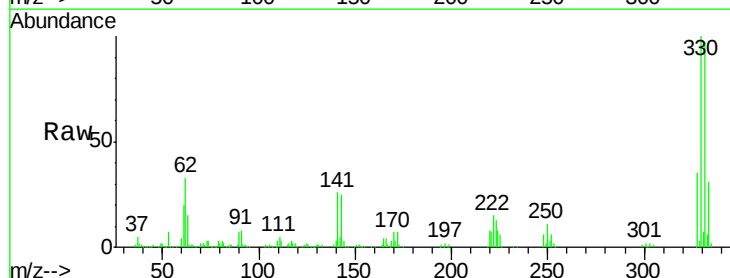
Manual Integrations
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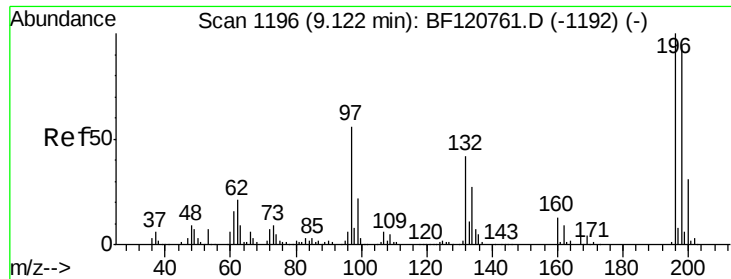
mohammad
 7/16/2020 11:05:04 AM



#42
 2,4,6-Tribromophenol
 Concen: 74.565 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion:	330	Resp:	279224
Ion Ratio	Lower	Upper	
330	100		
332	96.0	75.8	113.6
141	32.4	29.7	44.5





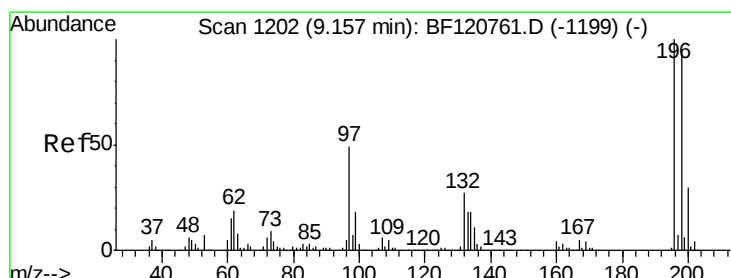
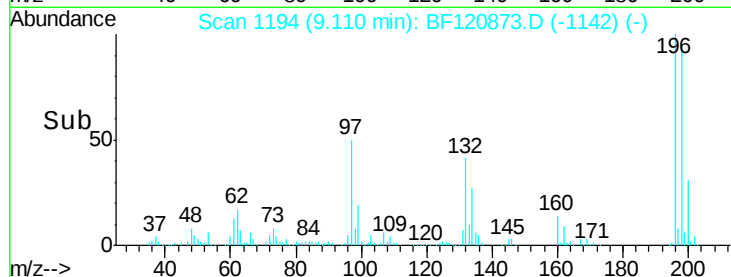
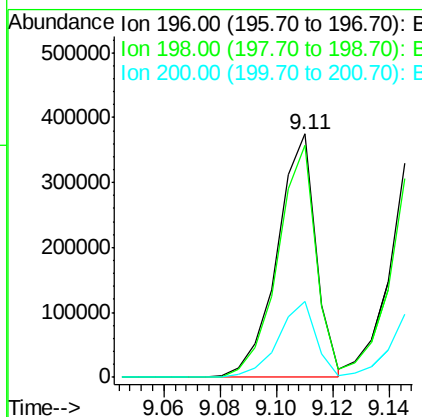
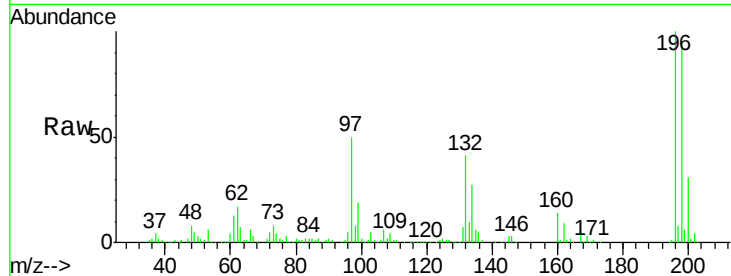
#43
 2,4,6-Trichlorophenol
 Concen: 46.566 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion:	196	Resp:	357452
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.3	112.9
200	31.3	24.4	36.6

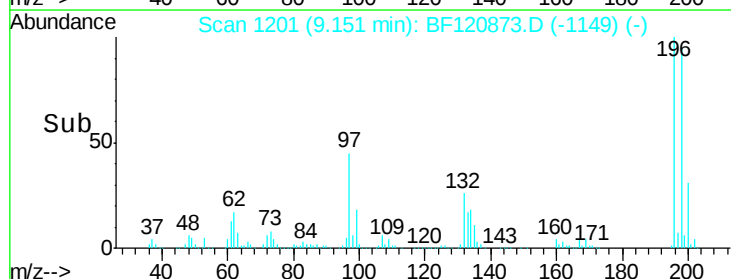
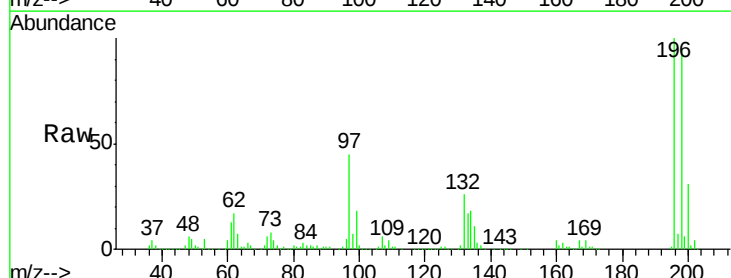
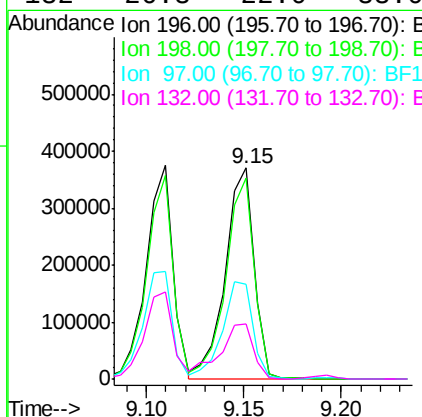
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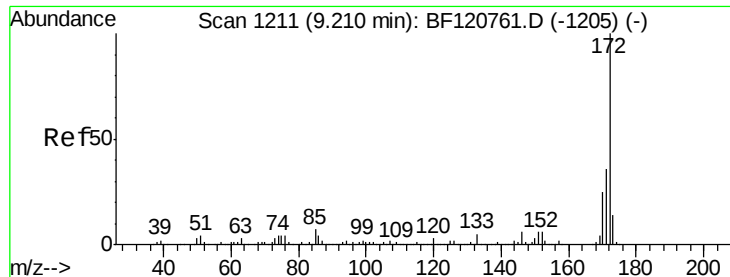
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.531 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion:	196	Resp:	379350
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.2	114.2
97	44.9	39.6	59.4
132	26.3	22.0	33.0





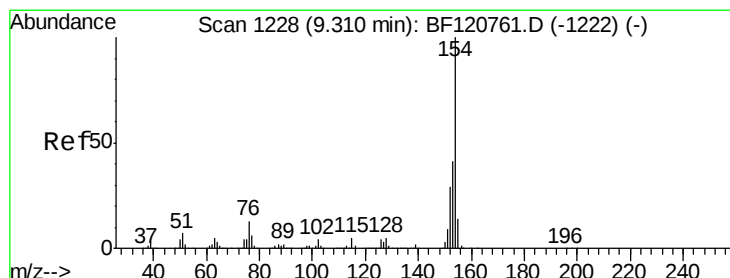
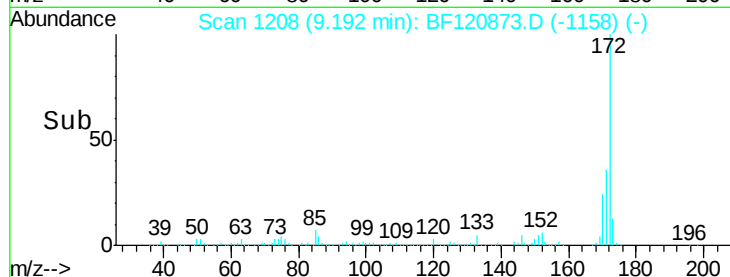
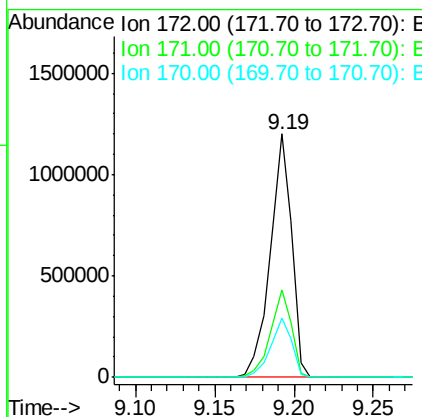
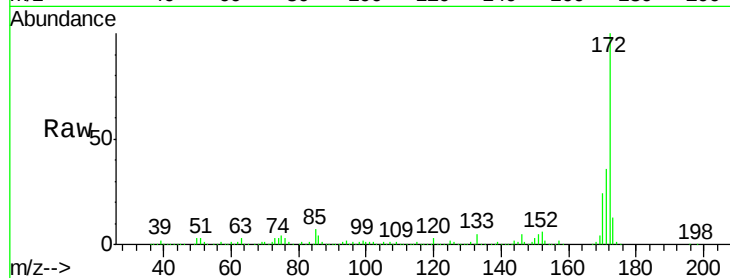
#45
2-Fluorobiphenyl
Concen: 46.050 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	24.2	19.8	29.6

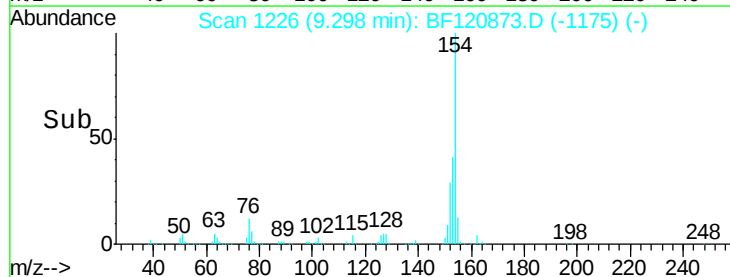
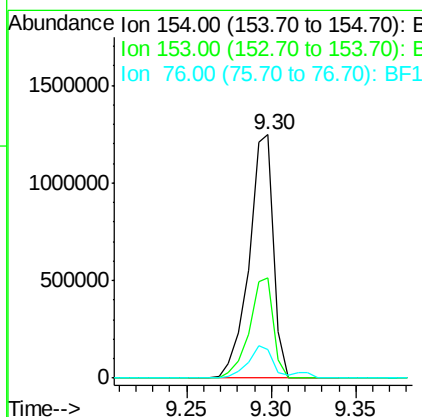
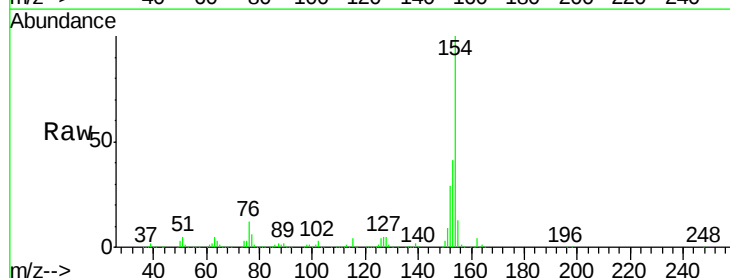
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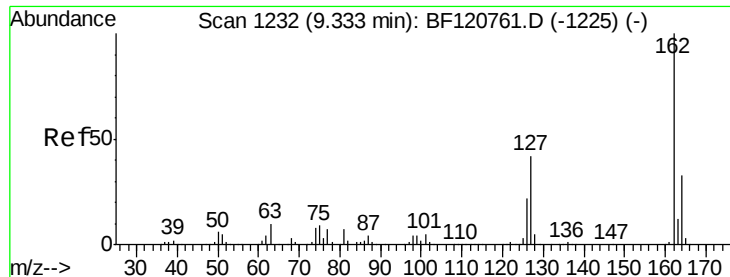
mohammad
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#46
1,1'-Biphenyl
Concen: 42.008 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	11.9	0.0	33.3





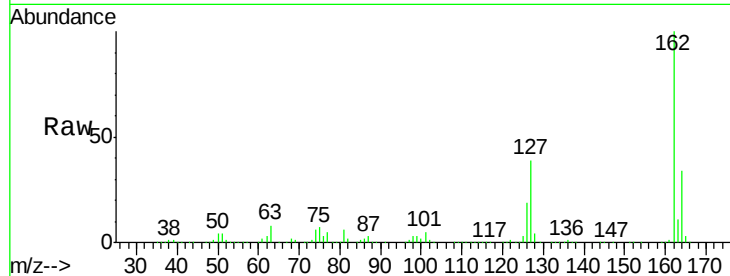
#47
2-Chloronaphthalene
Concen: 42.323 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

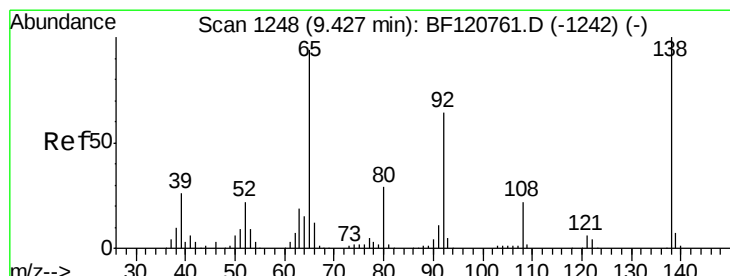
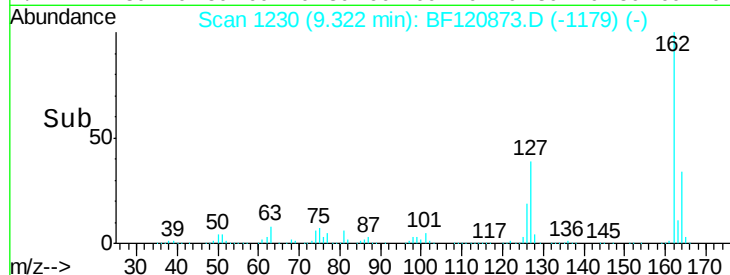
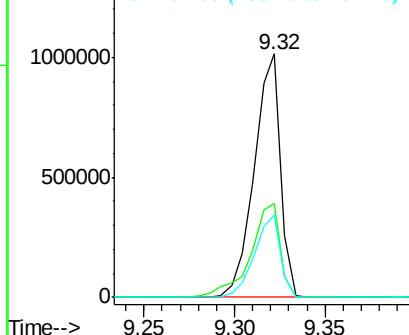
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.7	50.5
164	33.7	26.4	39.6

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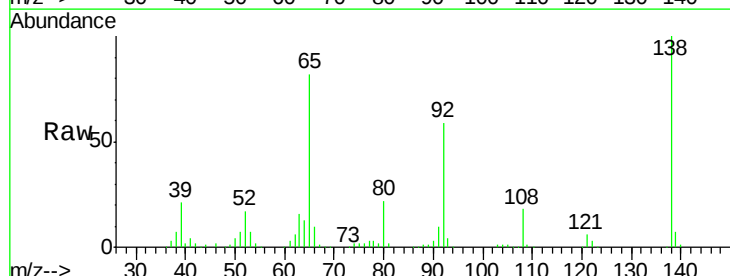


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

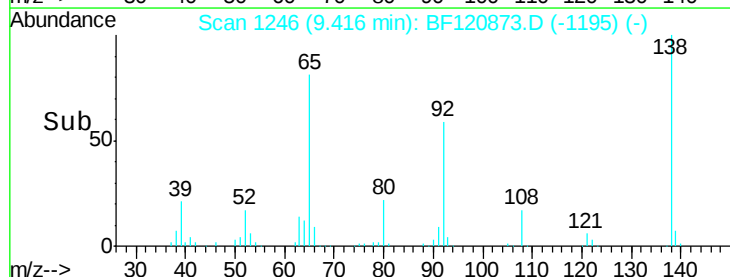
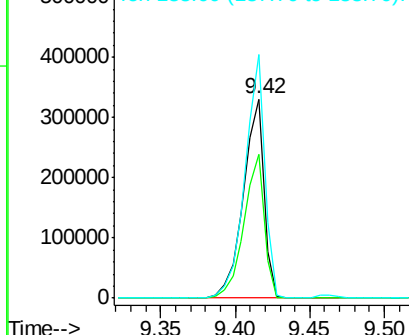


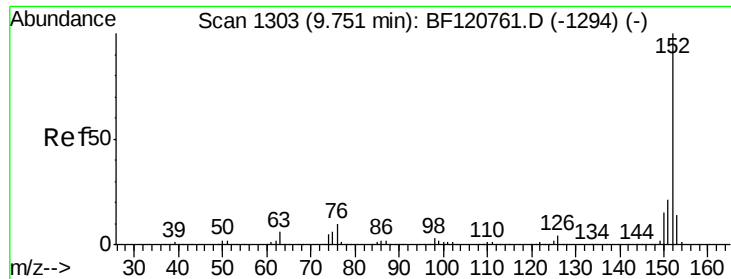
#48
2-Nitroaniline
Concen: 44.455 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	54.4	81.6
138	122.3	84.7	127.1



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





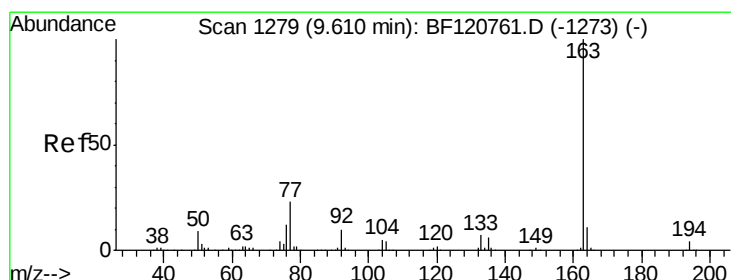
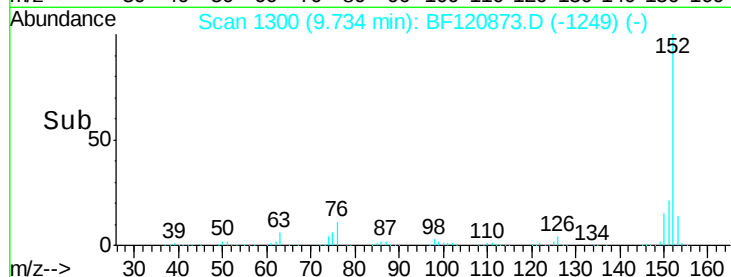
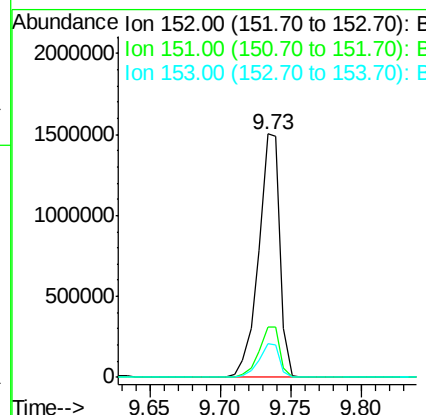
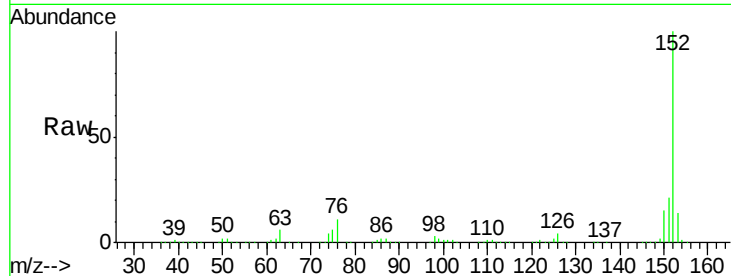
#49
Acenaphthylene
Concen: 42.326 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.9	10.8	16.2

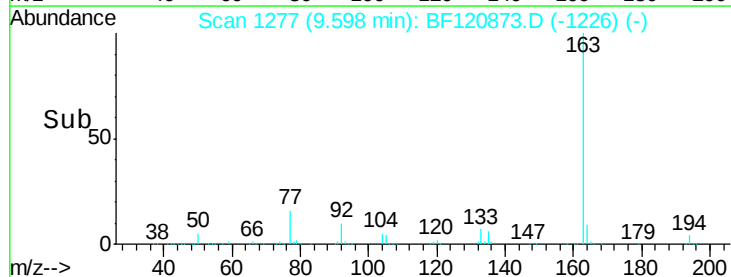
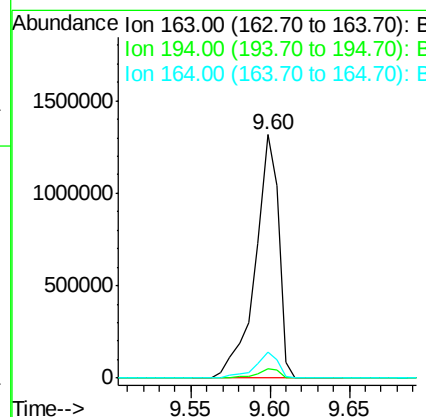
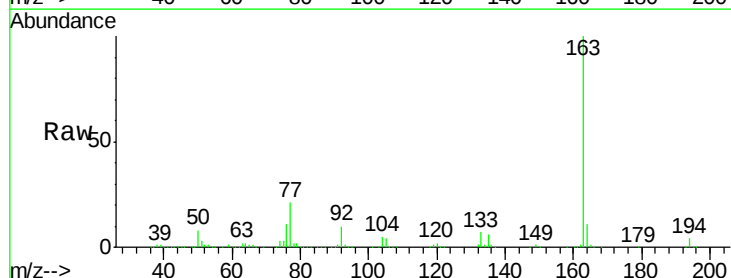
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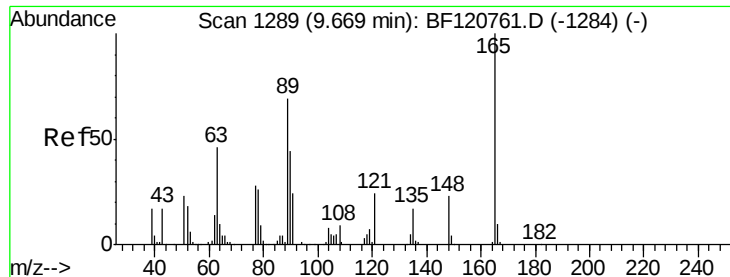
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#50
Dimethylphthalate
Concen: 49.514 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.7	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 50.410 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

IRON-1MSD

Tot Ion:165 Resp: 273058
Ion Ratio Lower Upper

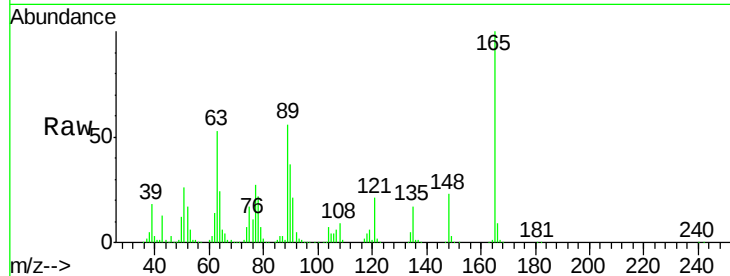
165 100

63 53.0 54.0 81.0#

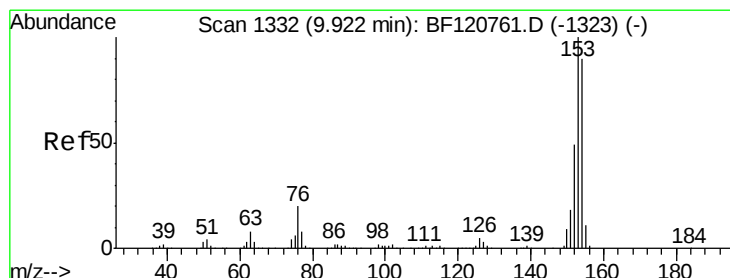
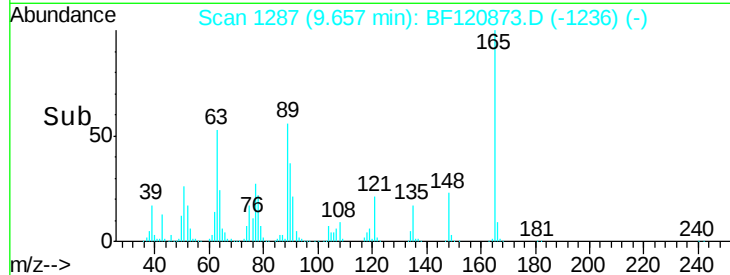
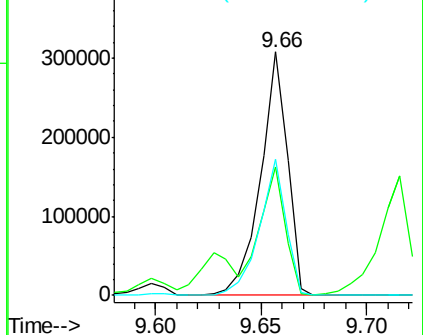
89 56.0 55.4 83.2

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



#52

Acenaphthene

Concen: 46.422 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF120873.D

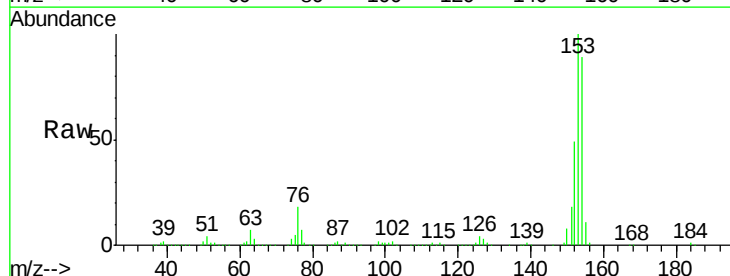
Acq: 15 Jul 2020 15:12

Tgt Ion:154 Resp: 1087562
Ion Ratio Lower Upper

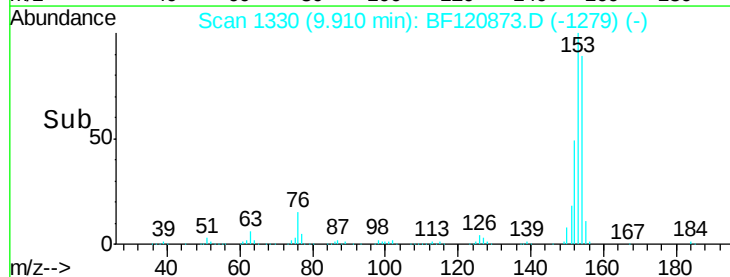
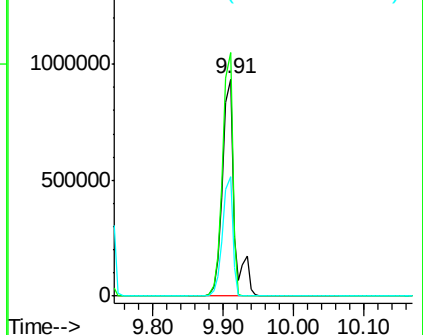
154 100

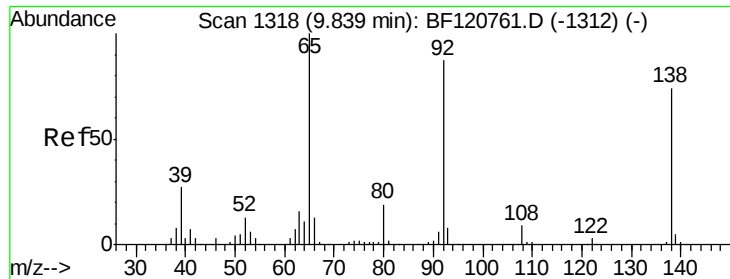
153 112.0 88.6 132.8

152 55.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





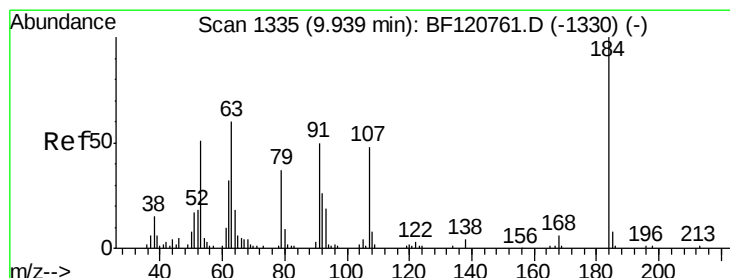
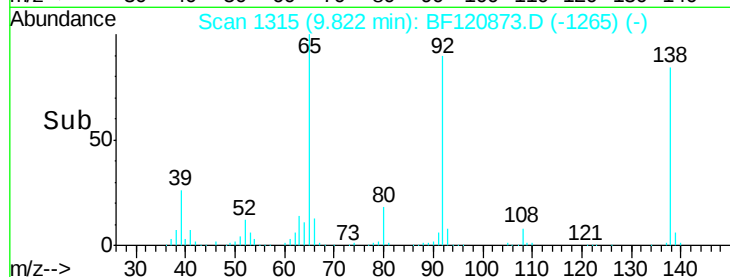
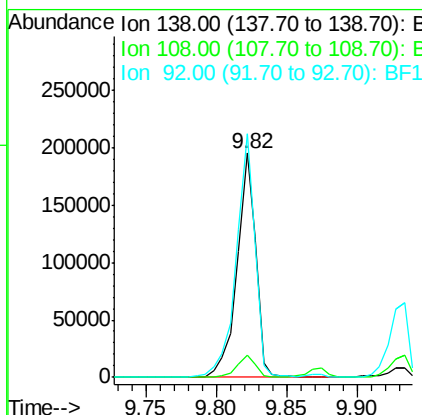
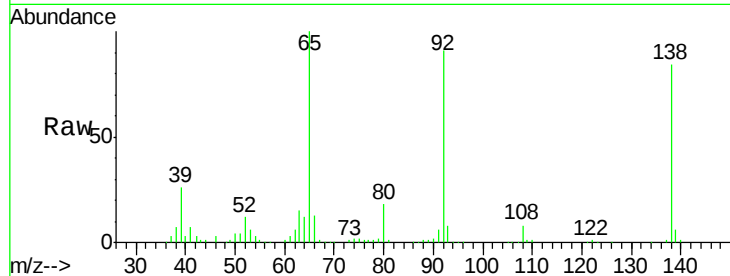
#53
3-Nitroaniline
Concen: 28.011 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	108.6	93.4	140.2

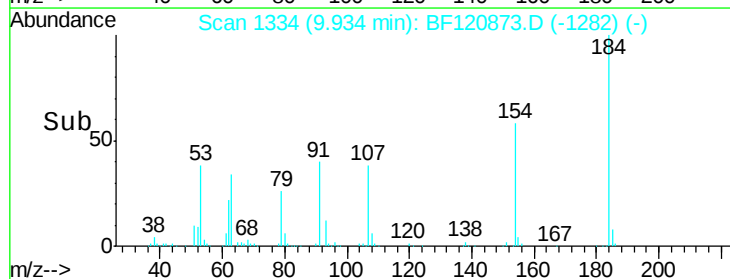
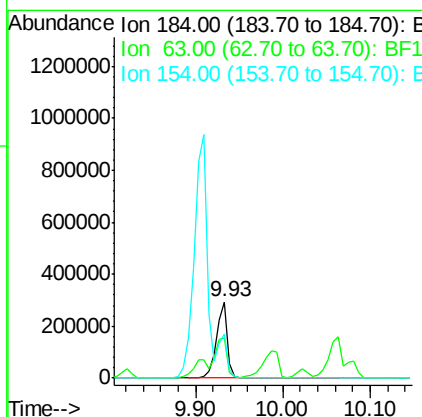
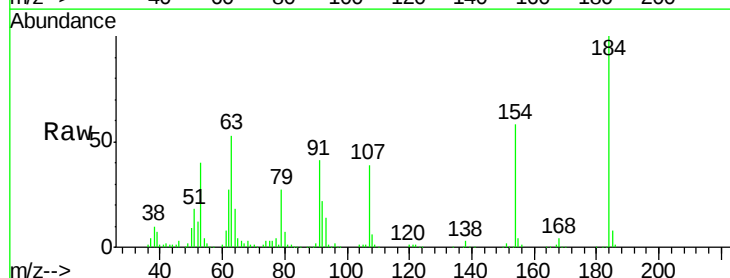
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#54
2,4-Dinitrophenol
Concen: 115.804 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	57.3	85.9#
154	58.5	55.8	83.6





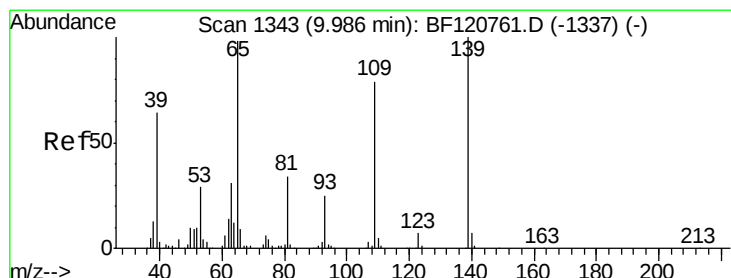
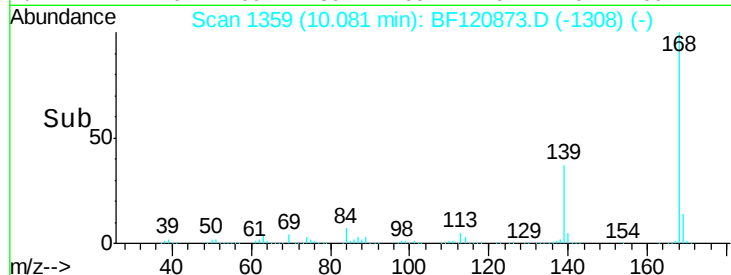
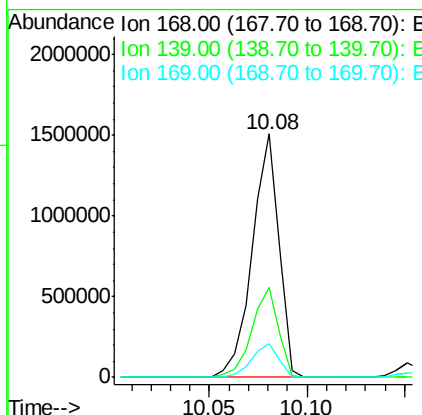
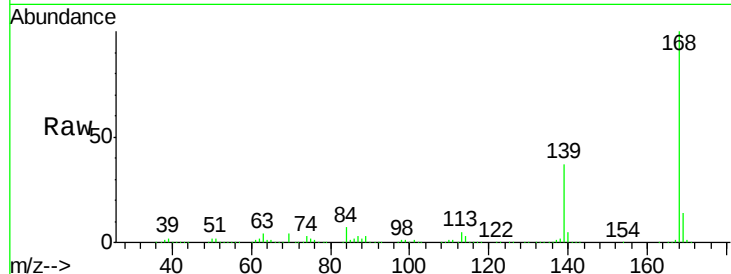
#55
Dibenzenofuran
Concen: 42.238 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.3	46.9
169	13.7	11.2	16.8

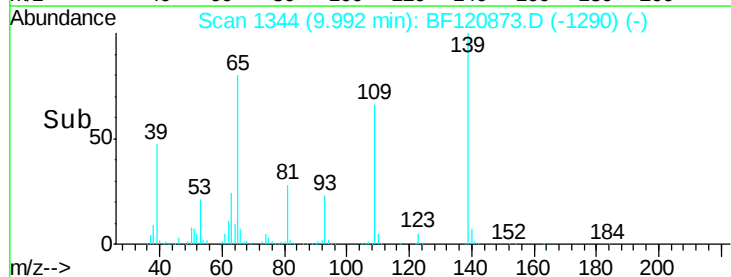
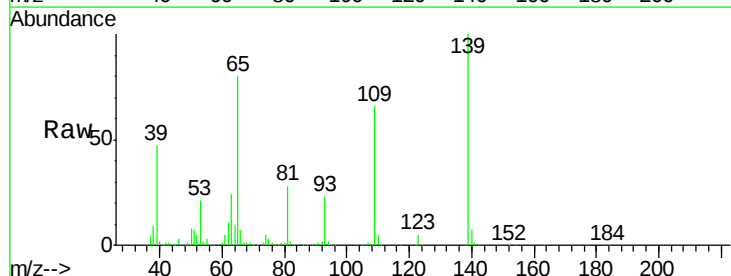
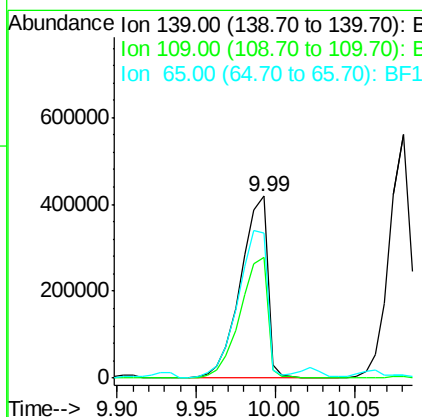
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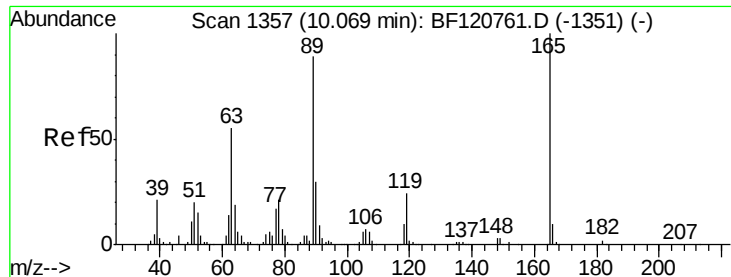
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#56
4-Nitrophenol
Concen: 98.811 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	58.6	98.6
65	79.5	78.7	118.7





#57

2,4-Dinitrotoluene

Concen: 53.052 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

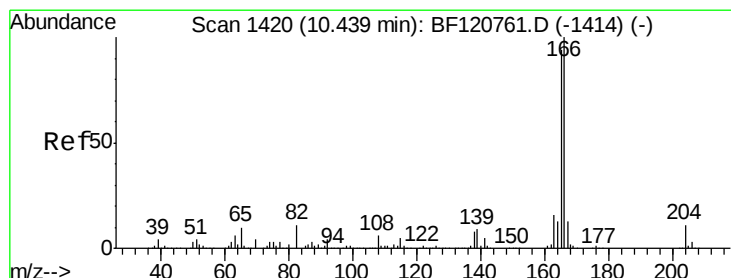
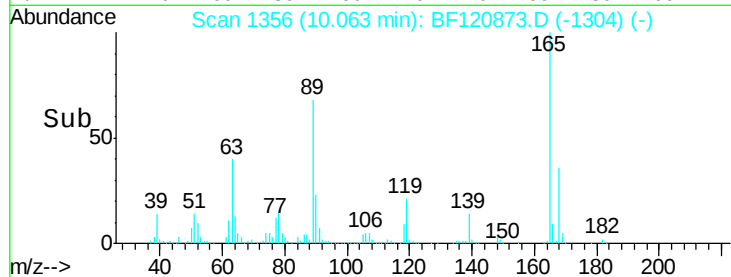
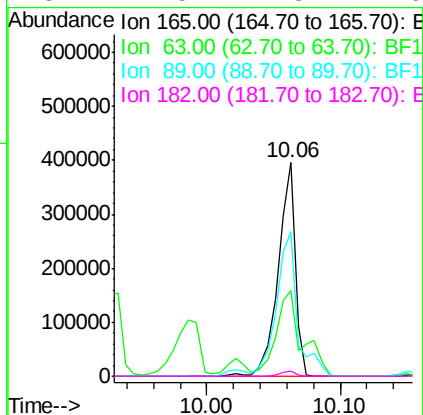
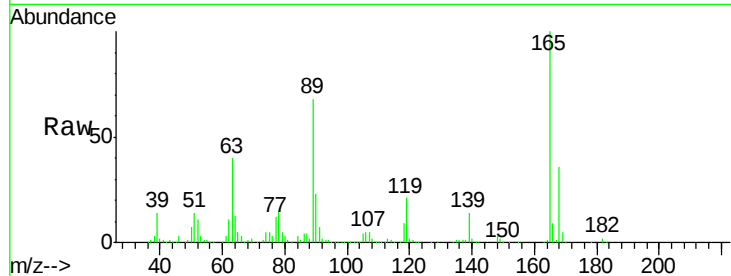
ClientSampleId :

IRON-1MSD

Tot Ion:	165	Resp:	359431
Ion Ratio	Lower	Upper	
165	100		
63	40.0	43.8	65.8#
89	67.7	71.4	107.2#
182	2.5	1.8	2.6

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#58

Fluorene

Concen: 39.956 ng

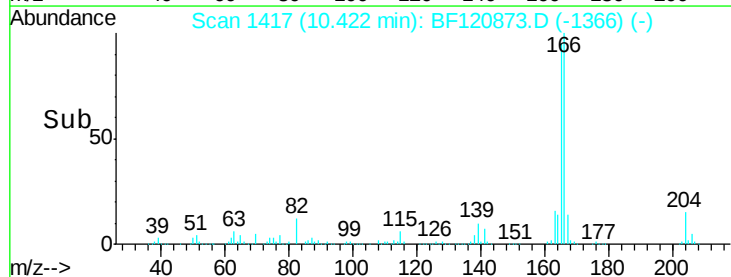
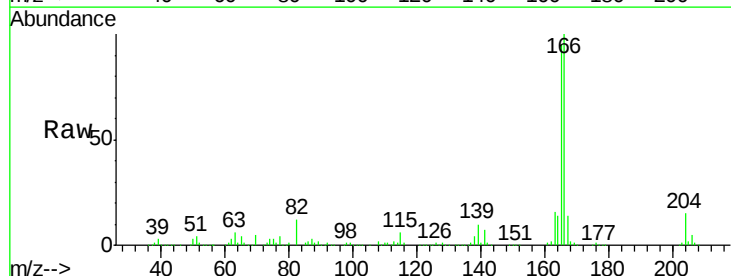
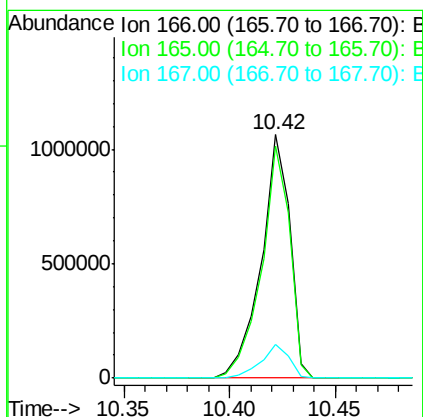
RT: 10.42 min Scan# 1417

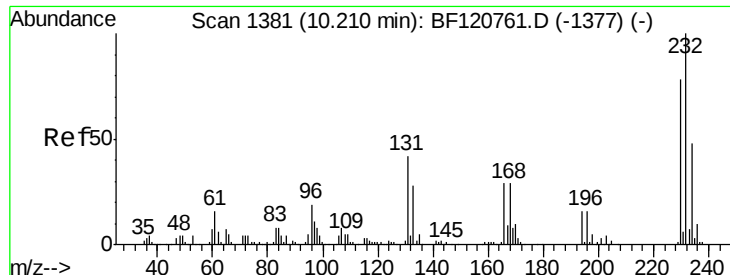
Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	166	Resp:	1004326
Ion Ratio	Lower	Upper	
166	100		
165	95.3	75.5	113.3
167	13.9	10.6	16.0





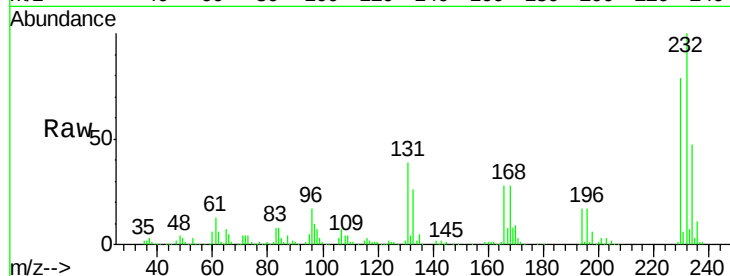
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.328 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.3	54.5
130	2.2	2.0	3.0
166	30.0	20.9	31.3

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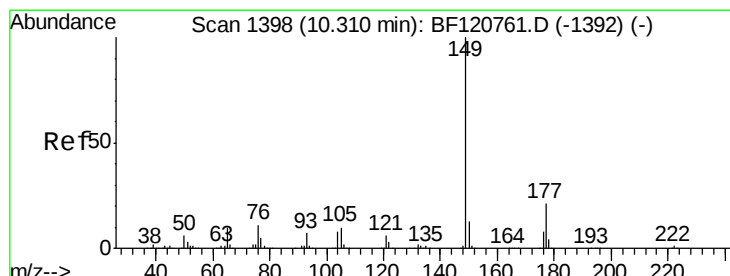
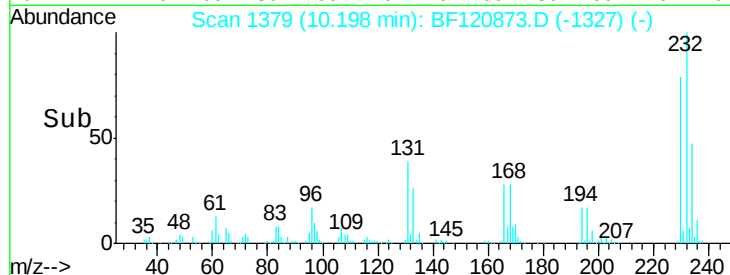
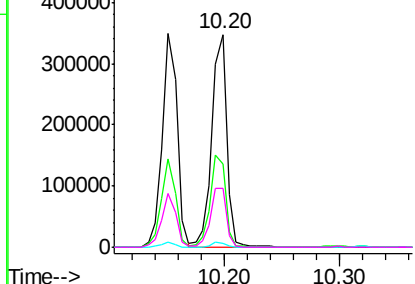


Abundance Ion 232.00 (231.70 to 232.70): E

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



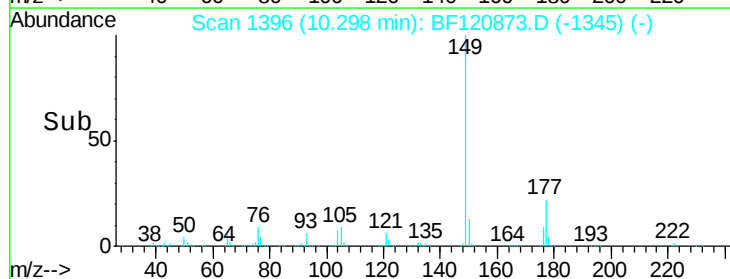
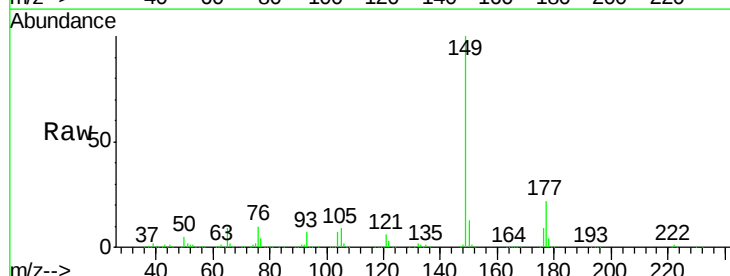
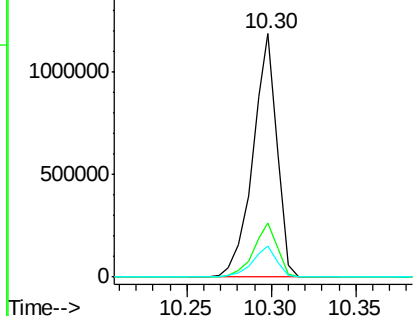
#60
Diethylphthalate
Concen: 41.666 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.4	24.6
150	12.8	10.2	15.4

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





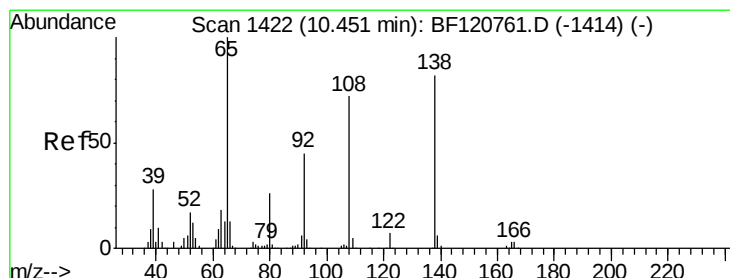
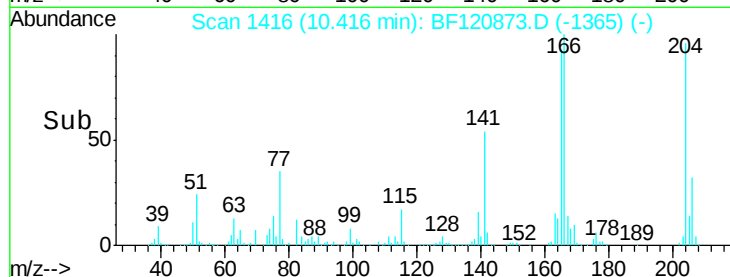
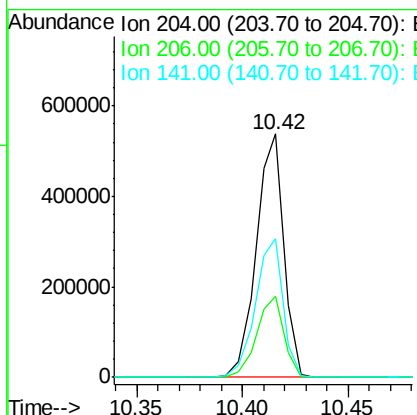
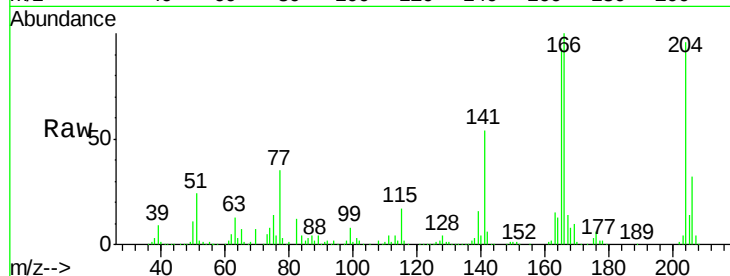
#61
 4-Chlorophenyl-phenylether
 Concen: 38.550 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion:	204	Resp:	487118
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.7	40.1
141	56.7	48.5	72.7

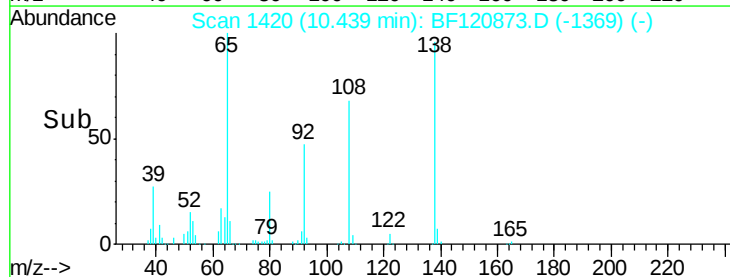
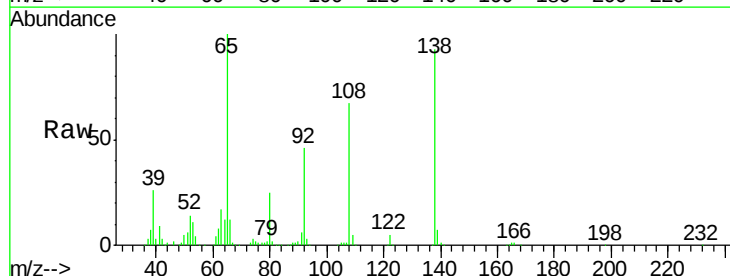
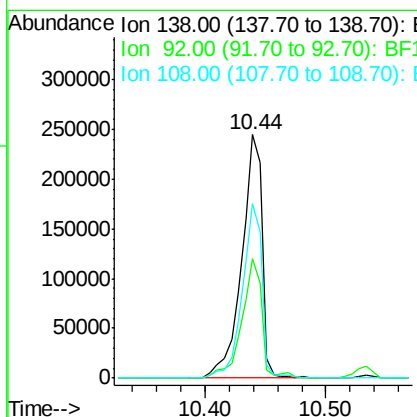
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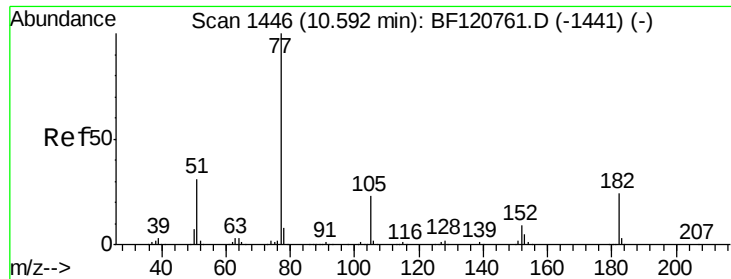
mohammad
 7/16/2020 11:05:04 AM



#62
 4-Nitroaniline
 Concen: 49.912 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion:	138	Resp:	288349
Ion Ratio	Lower	Upper	
138	100		
92	49.2	34.3	74.3
108	71.5	68.3	108.3





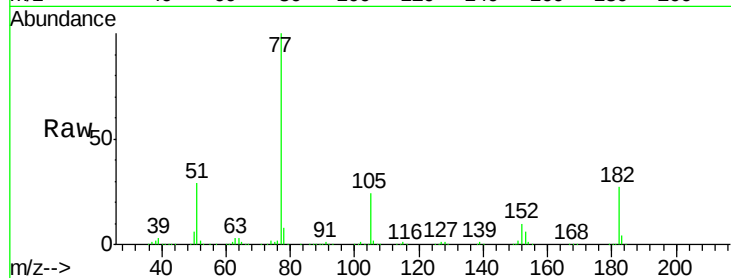
#63
Azobenzene
Concen: 38.522 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

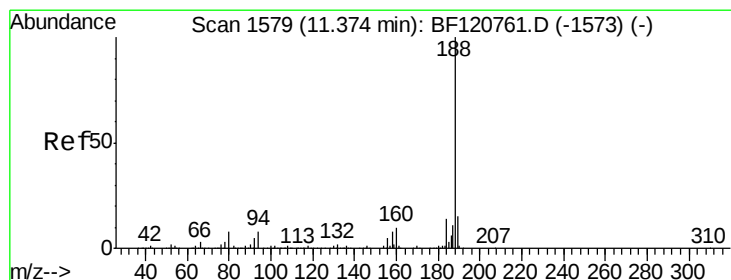
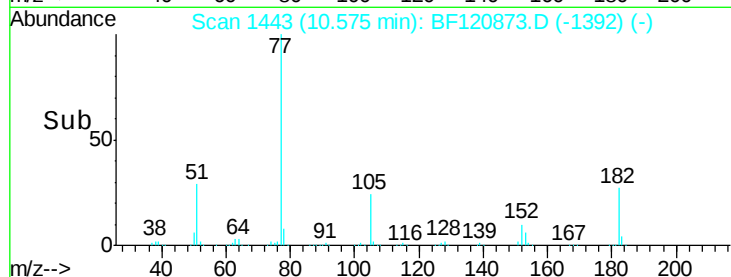
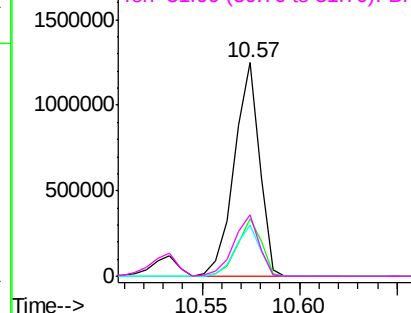
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.0	44.0
105	23.9	2.6	42.6
51	28.7	11.5	51.5

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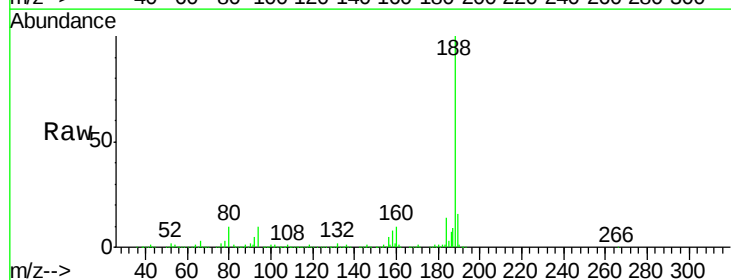


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

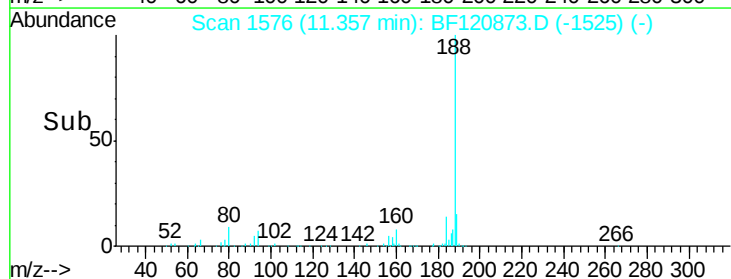
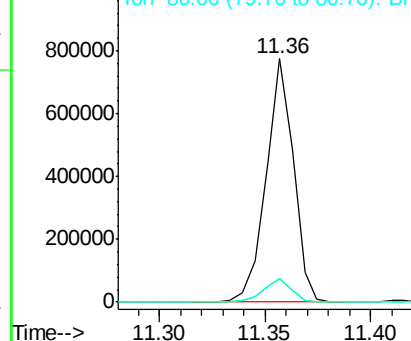


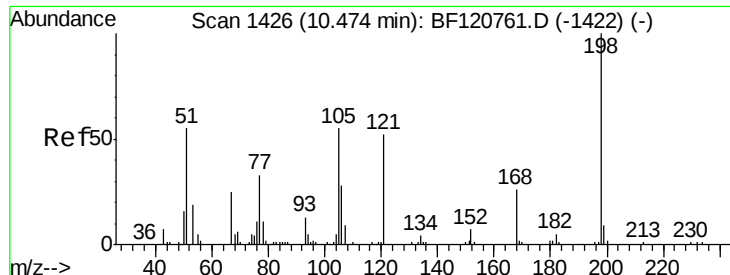
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	9.8
80	9.9	6.6	10.0



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





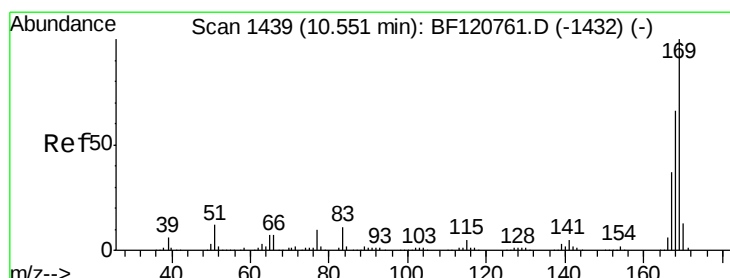
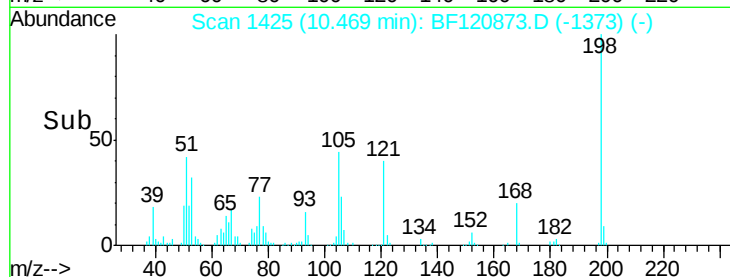
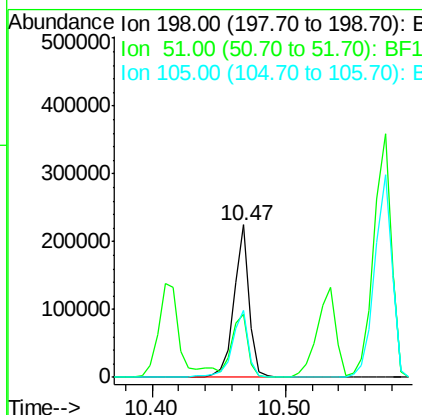
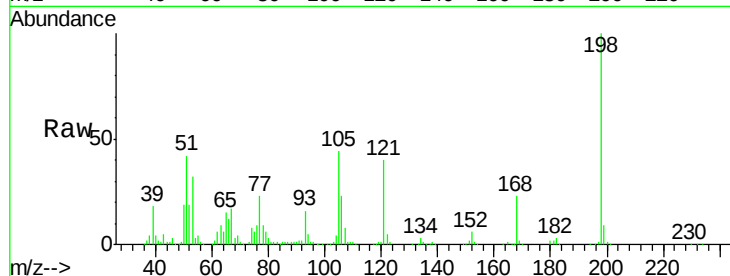
#65
4,6-Dinitro-2-methylphenol
Concen: 59.251 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	179931		
51	41.7	50.0	90.0	#
105	43.8	38.3	78.3	

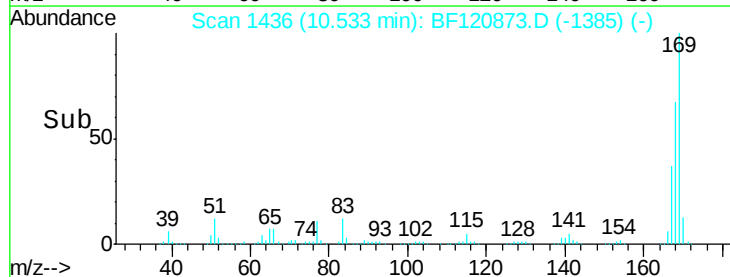
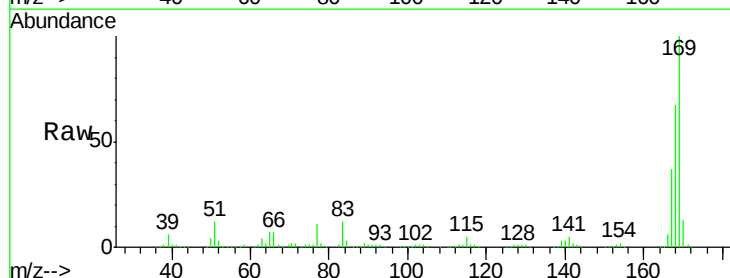
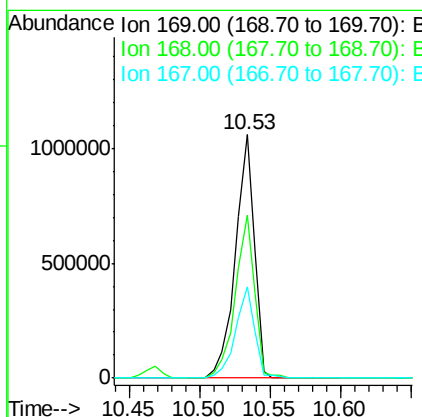
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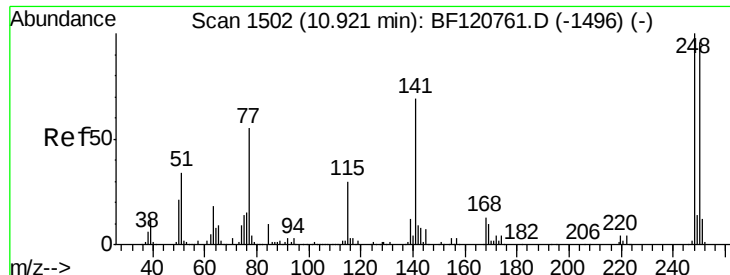
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.314 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	992004		
168	66.8	53.1	79.7	
167	37.4	29.6	44.4	





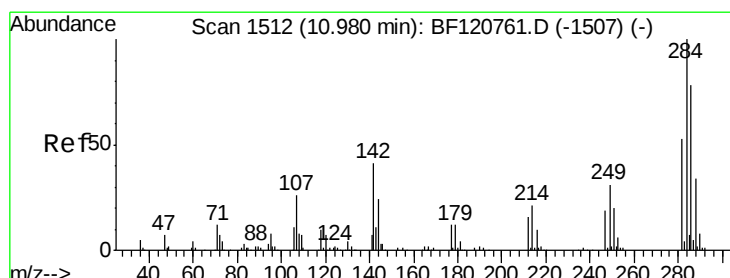
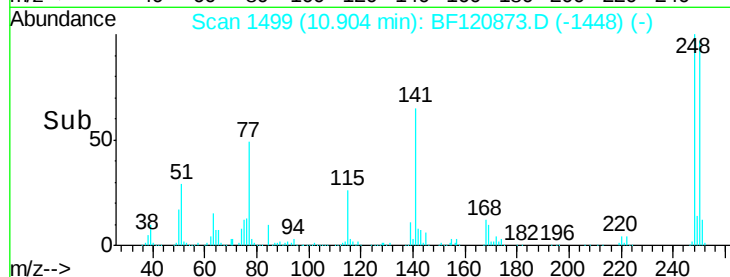
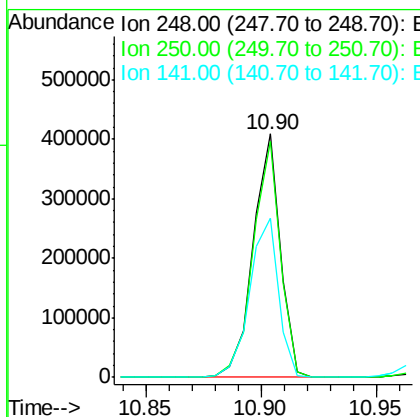
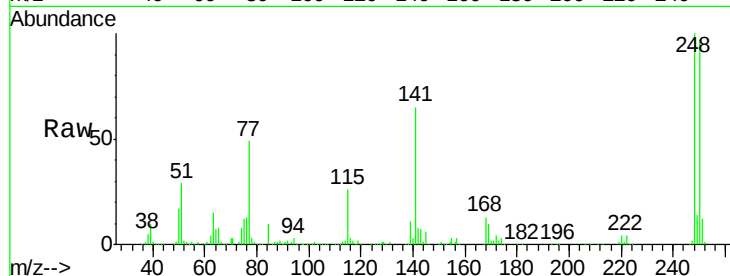
#67
 4-Bromophenyl-phenylether
 Concen: 41.532 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampled :
 IRON-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.5	114.7
141	65.4	54.9	82.3

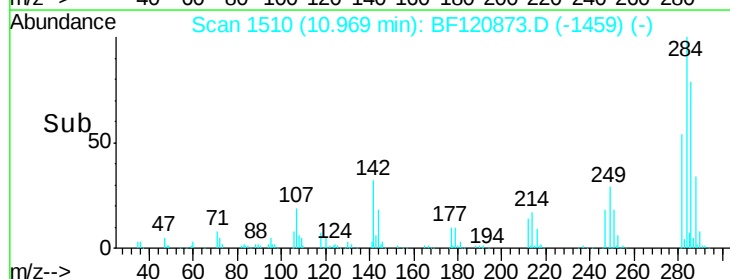
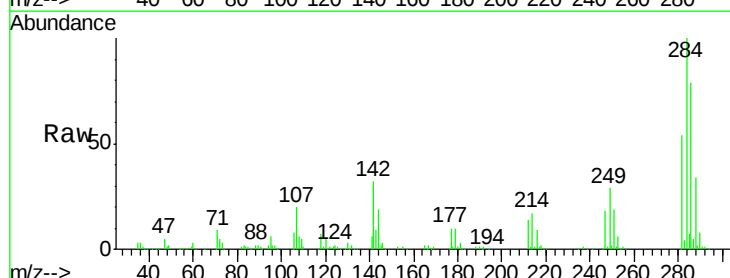
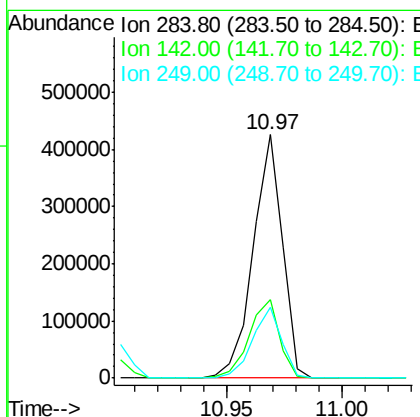
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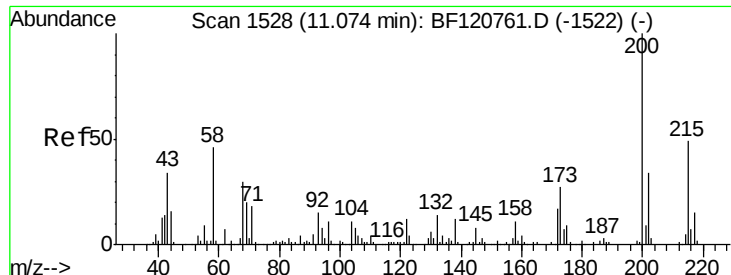
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.358 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	32.5	48.7#
249	29.0	24.8	37.2





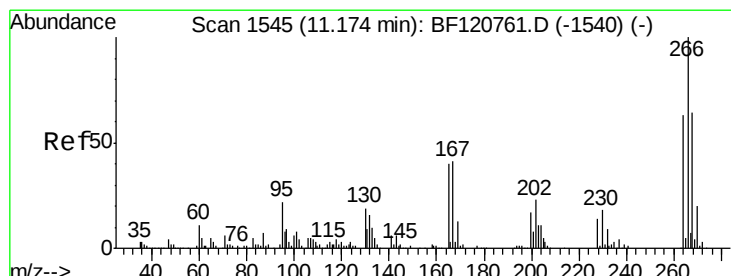
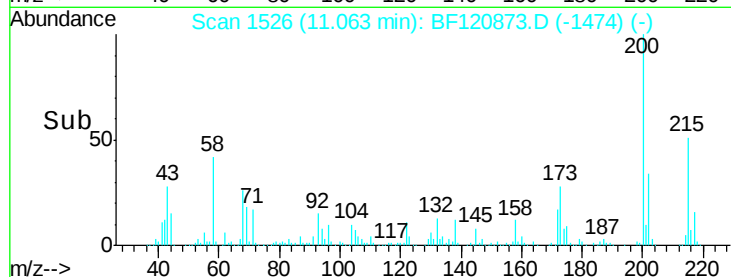
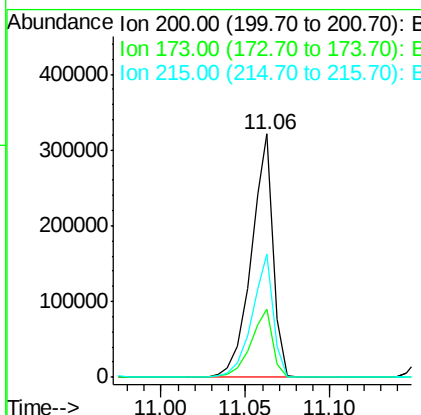
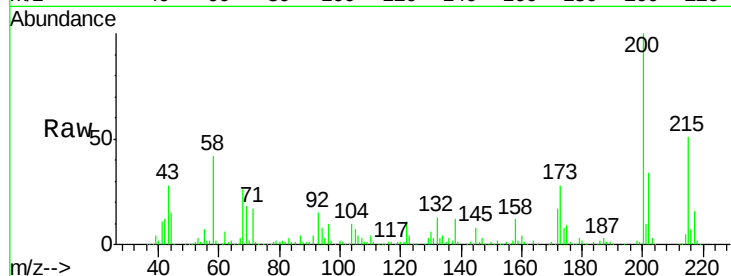
#69
Atrazine
Concen: 47.836 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	288914		
173	27.9	7.4	47.4	
215	50.6	28.8	68.8	

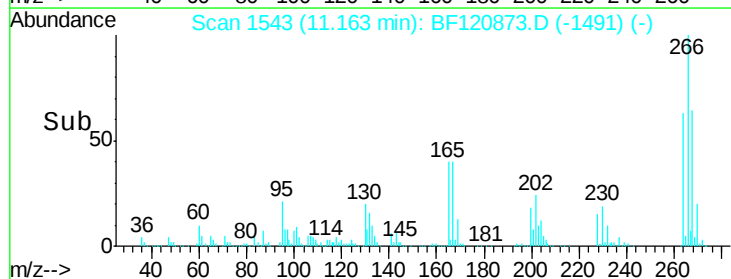
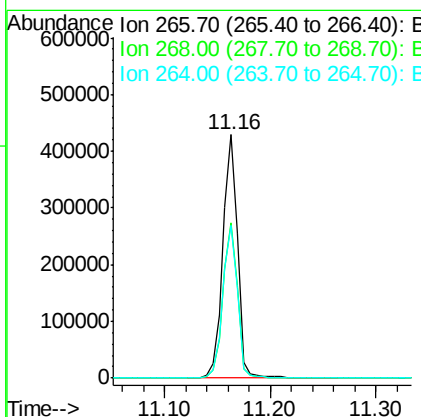
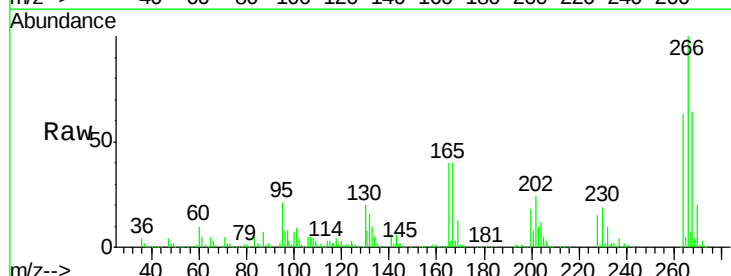
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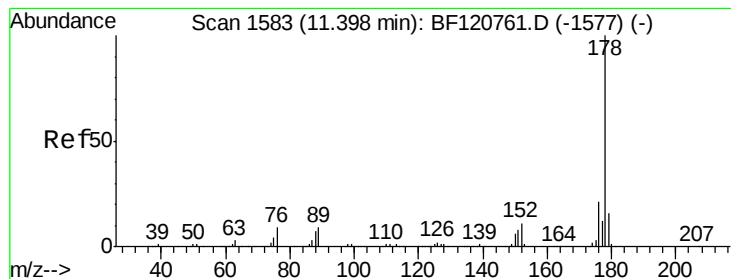
mohammad
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#70
Pentachlorophenol
Concen: 87.028 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	419219		
268	63.8	51.4	77.2	
264	63.0	50.6	75.8	





#71

Phenanthrene

Concen: 40.831 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

IRON-1MSD

Tot Ion:178 Resp: 1549574

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

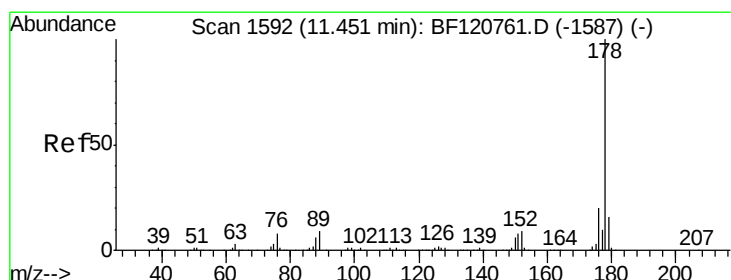
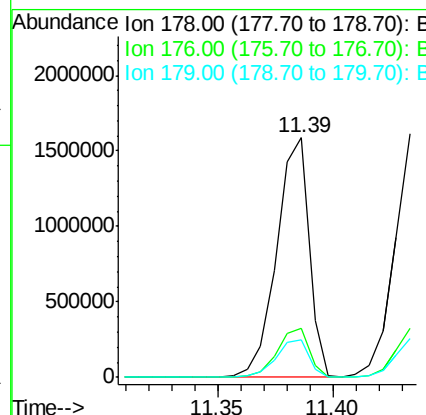
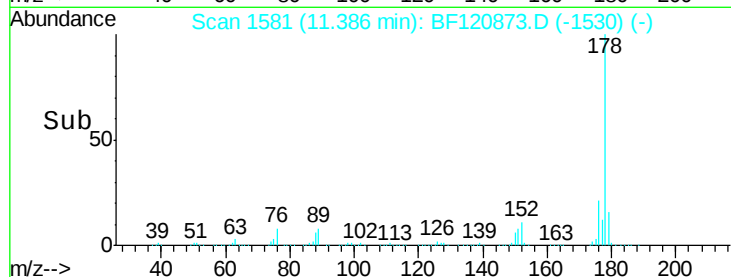
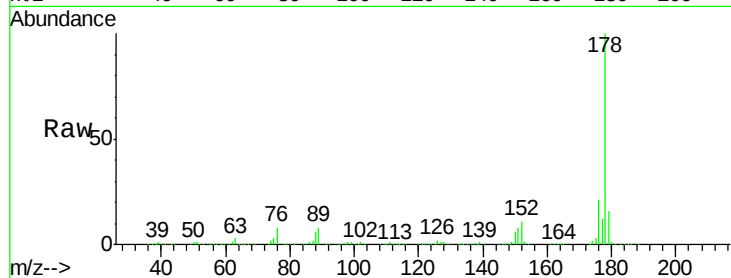
179 15.8 12.9 19.3

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#72

Anthracene

Concen: 42.469 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

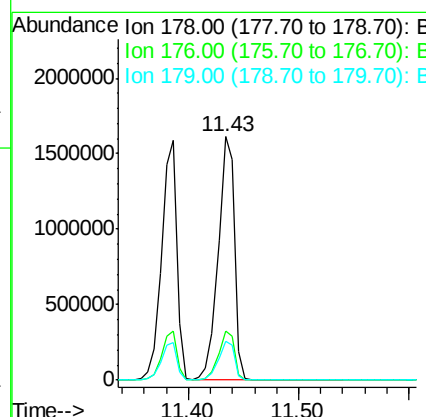
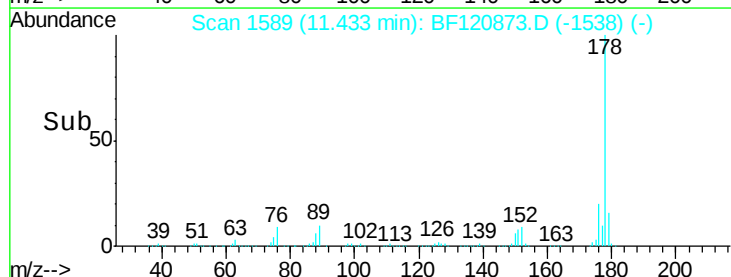
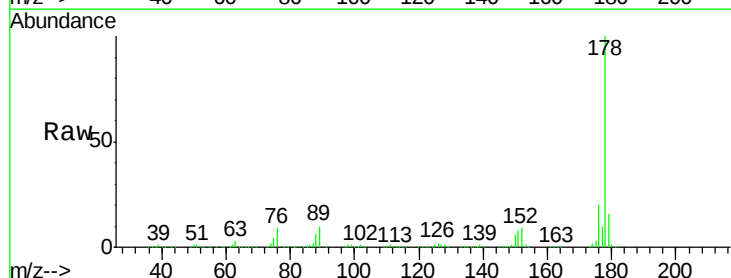
Tgt Ion:178 Resp: 1628671

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

179 16.1 12.7 19.1





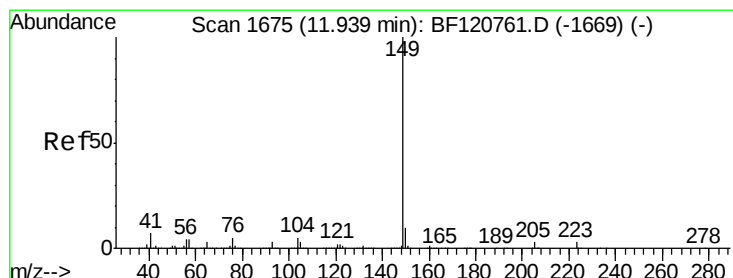
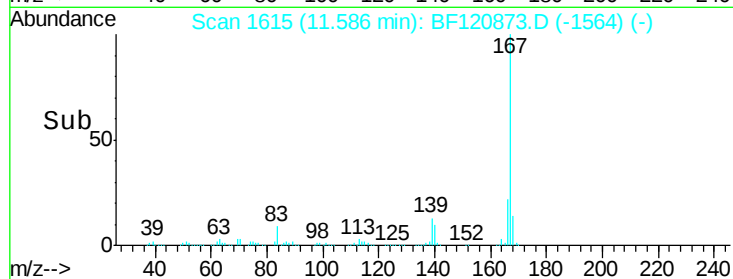
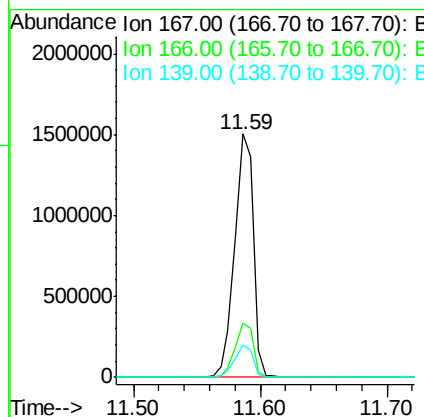
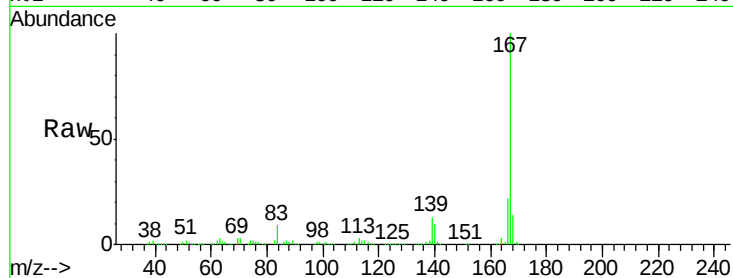
#73
 Carbazole
 Concen: 41.182 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion:167 Resp: 1517692
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 13.1 10.7 16.1

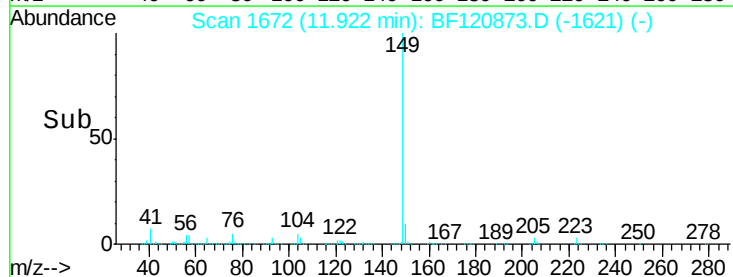
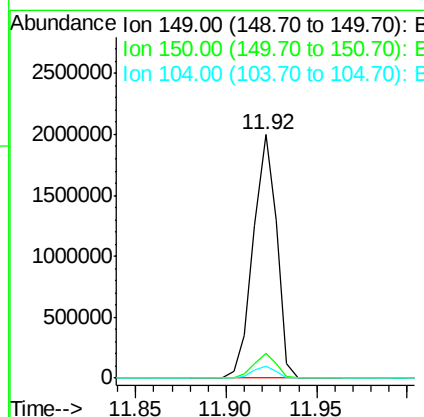
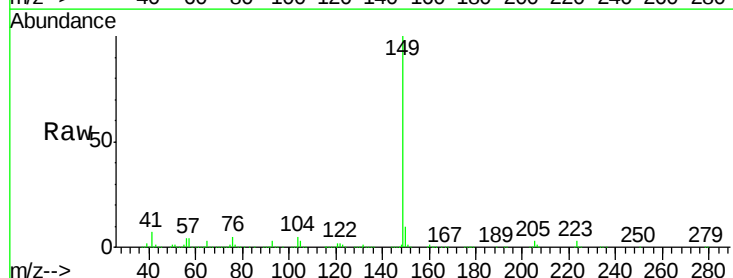
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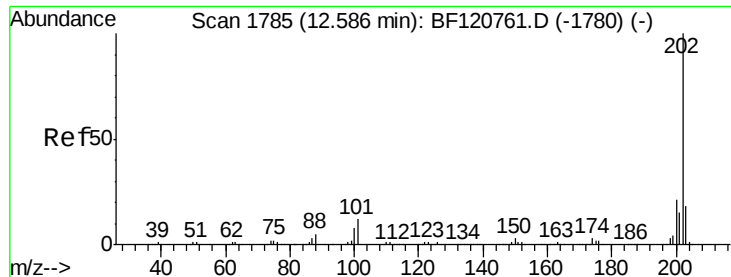
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.337 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion:149 Resp: 1794803
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 42.757 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

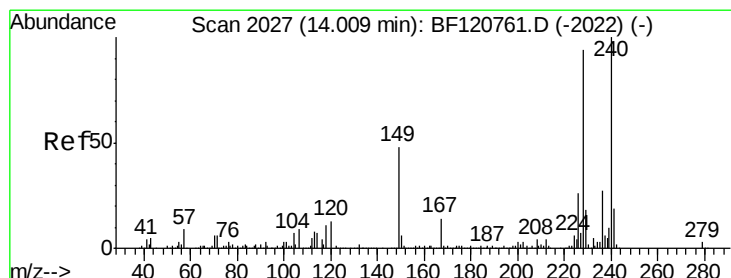
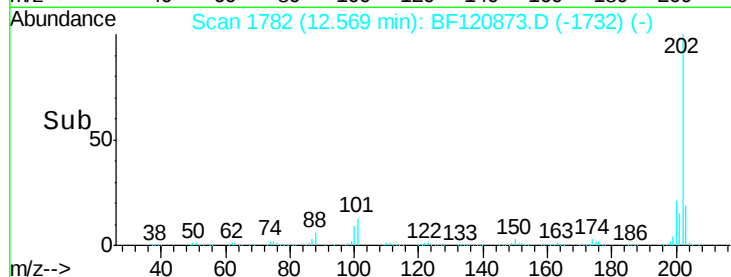
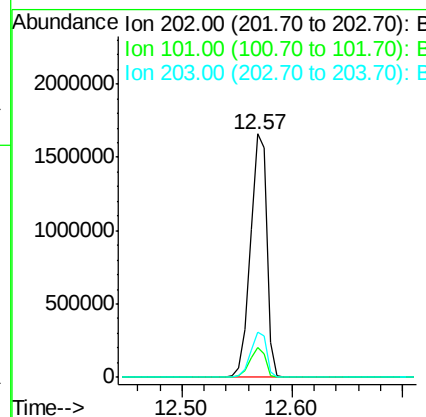
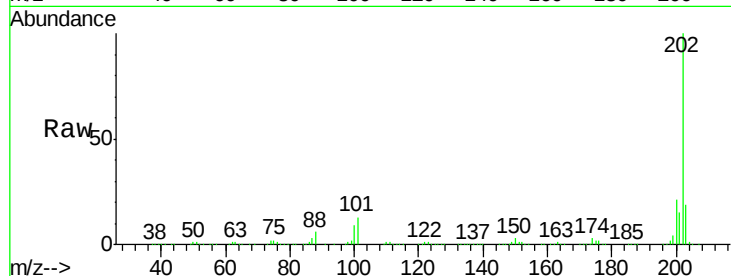
ClientSampleId :

IRON-1MSD

Tot Ion:	202	Resp:	1728606
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.6
203	18.7	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

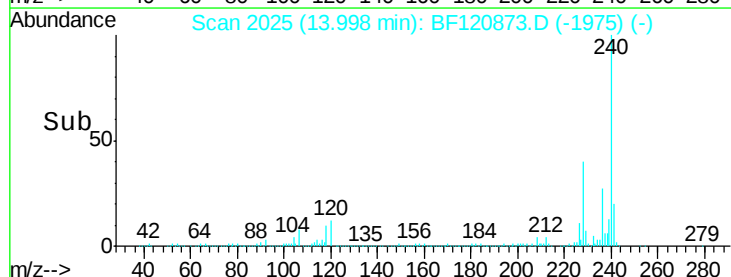
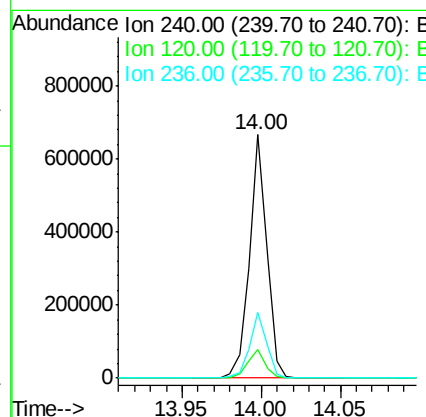
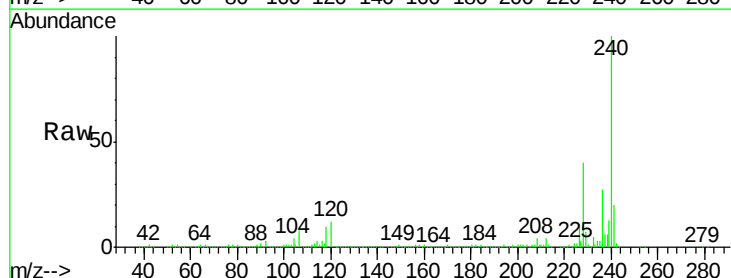
RT: 14.00 min Scan# 2025

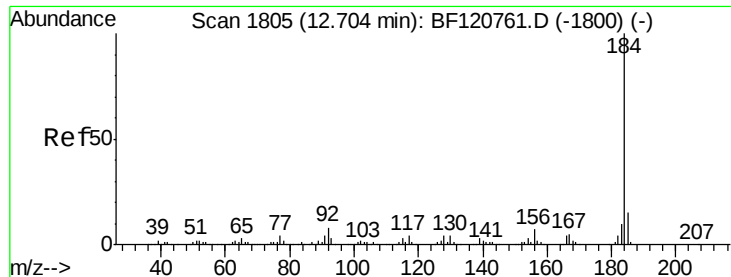
Delta R.T. -0.01 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	240	Resp:	503600
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.3	15.5
236	26.9	21.4	32.2





#77

Benzidine

Concen: 53.348 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

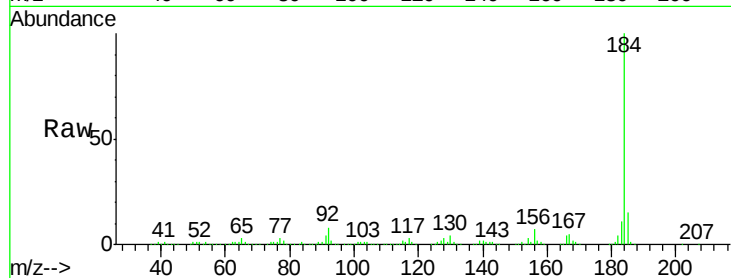
ClientSampleId :

IRON-1MSD

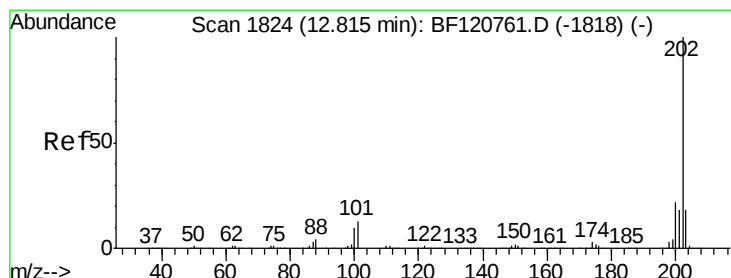
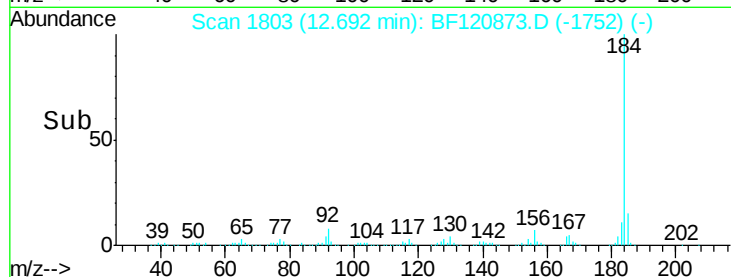
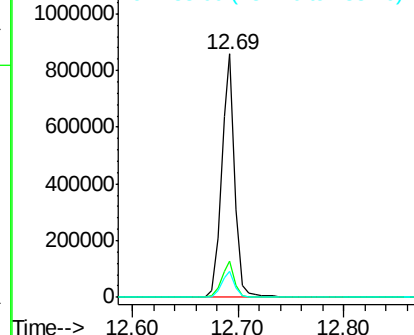
Tot Ion:	184	Resp:	758318
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.8
183	10.9	8.3	12.5

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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: 43.887 ng

RT: 12.80 min Scan# 1821

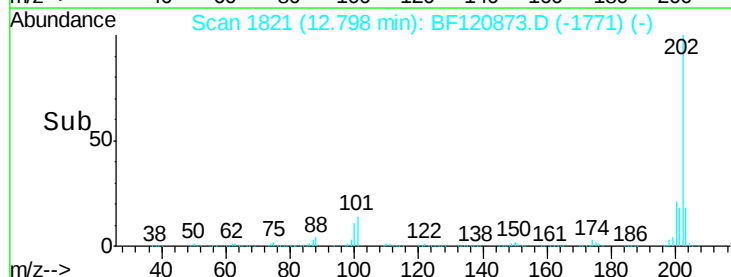
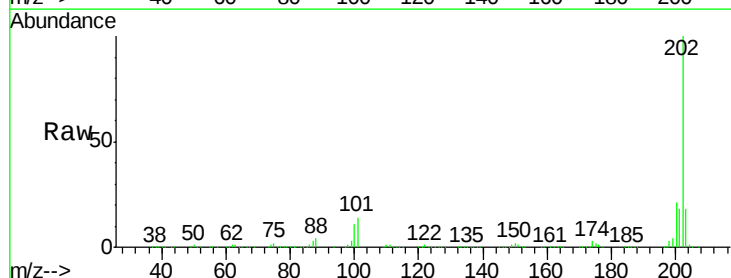
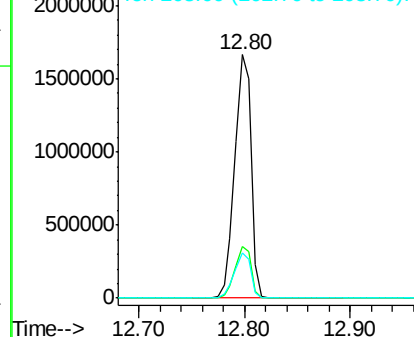
Delta R.T. -0.01 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Tgt Ion:	202	Resp:	1765156
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.3	25.9
203	18.5	14.6	22.0

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: 45.270 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

IRON-1MSD

Tot Ion:244 Resp: 1164409

Ion Ratio Lower Upper

244 100

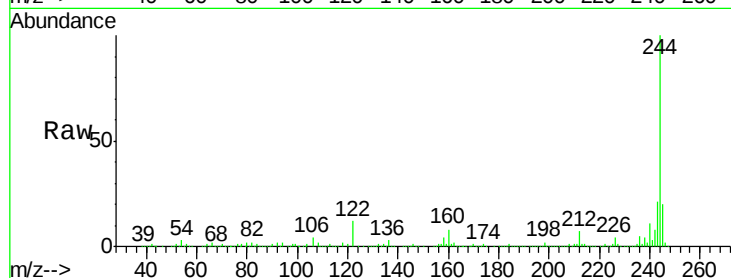
212 6.9 5.6 8.4

122 12.0 9.0 13.4

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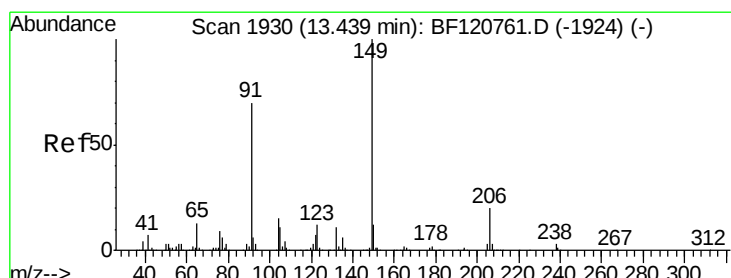
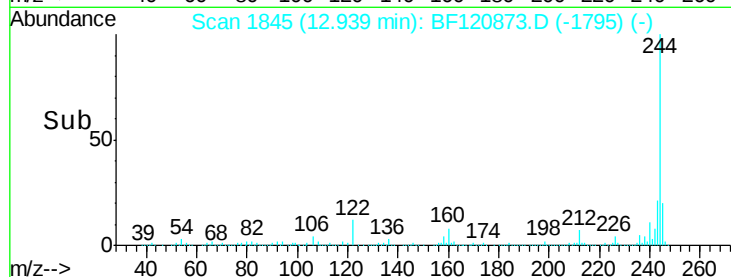
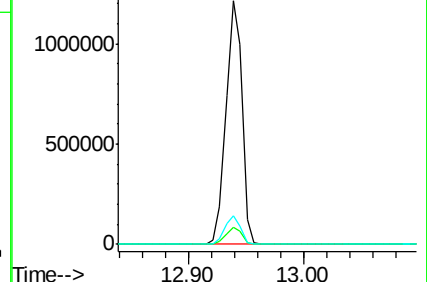
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.405 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF120873.D

Acq: 15 Jul 2020 15:12

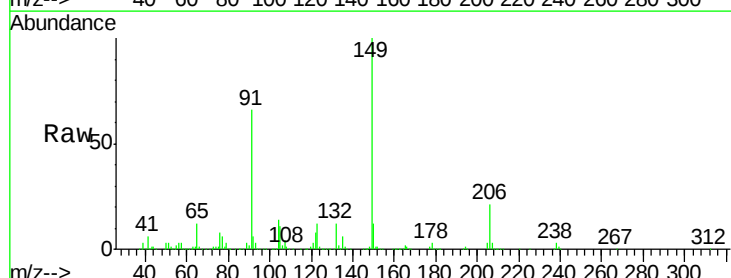
Tgt Ion:149 Resp: 771079

Ion Ratio Lower Upper

149 100

91 65.7 55.8 83.8

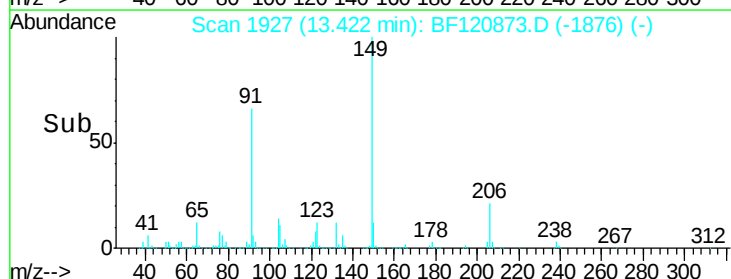
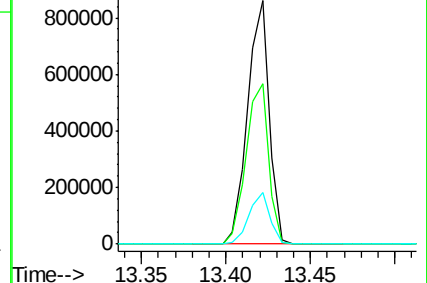
206 21.3 15.7 23.5

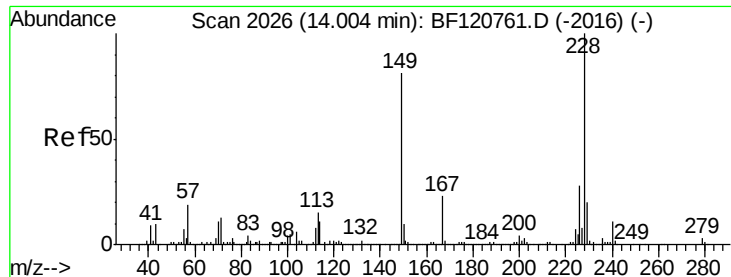


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





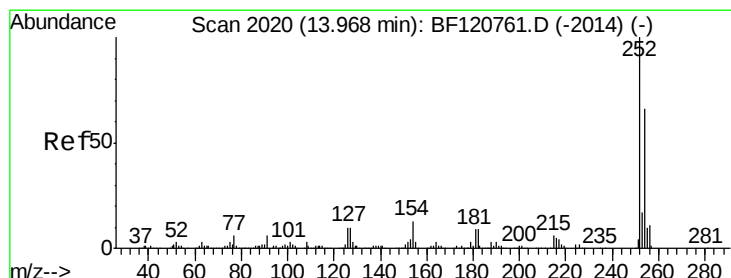
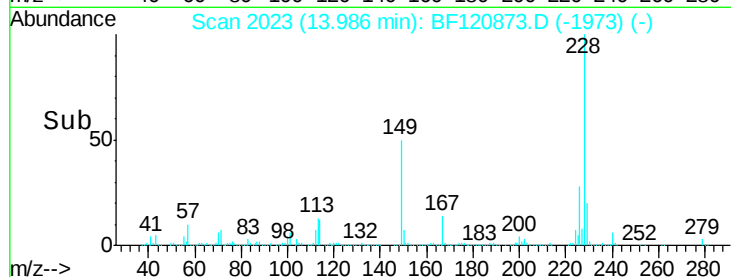
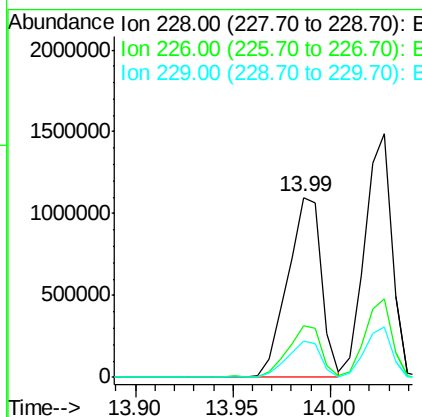
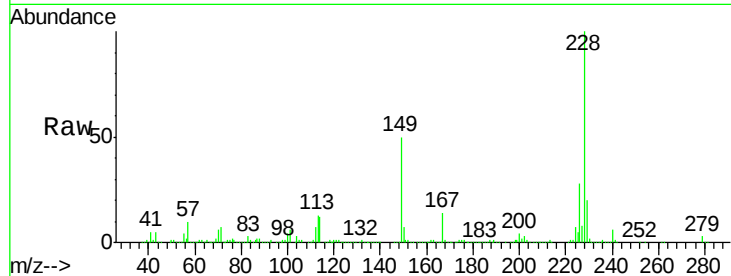
#81
Benzo(a)anthracene
Concen: 40.844 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion:228 Resp: 1318520
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.3 15.8 23.6

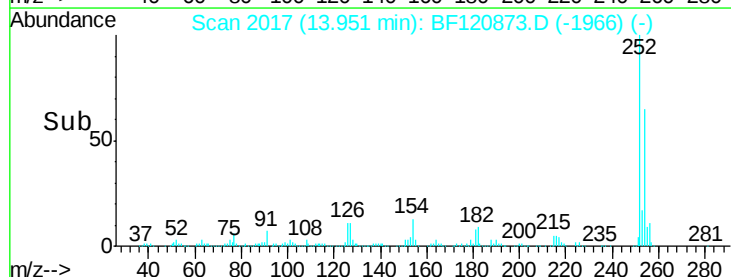
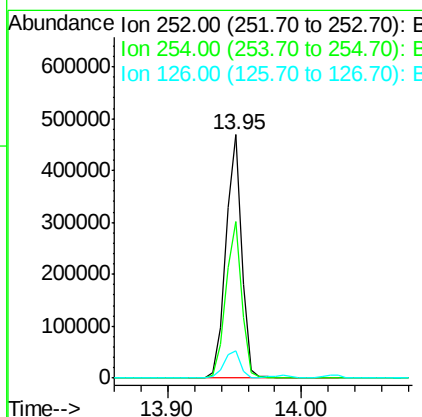
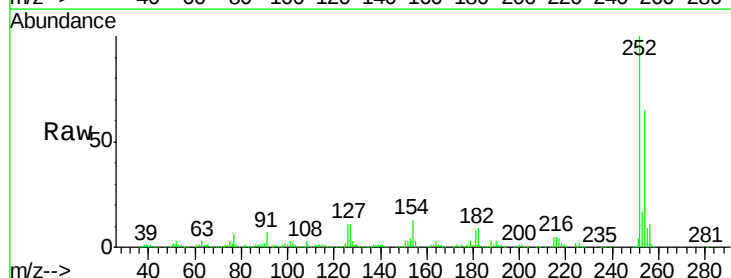
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#82
3,3'-Dichlorobenzidine
Concen: 36.068 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion:252 Resp: 392920
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 11.3 7.8 11.8





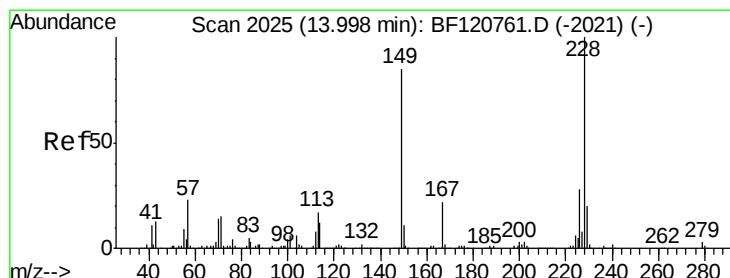
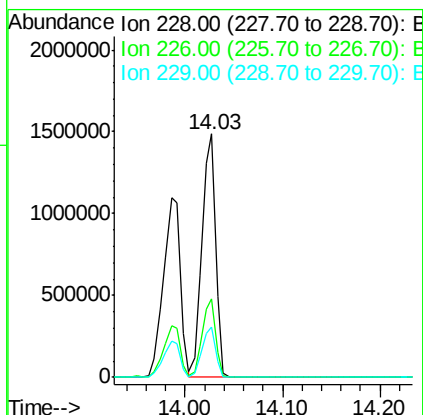
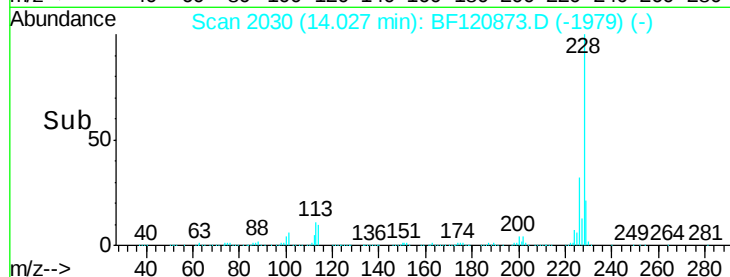
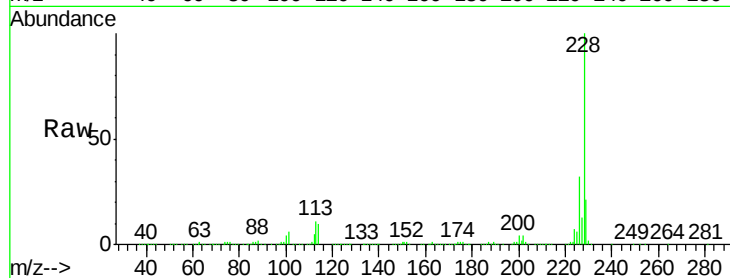
#83
 Chrysene
 Concen: 43.786 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	32.4	25.7	38.5	
229	20.6	16.3	24.5	

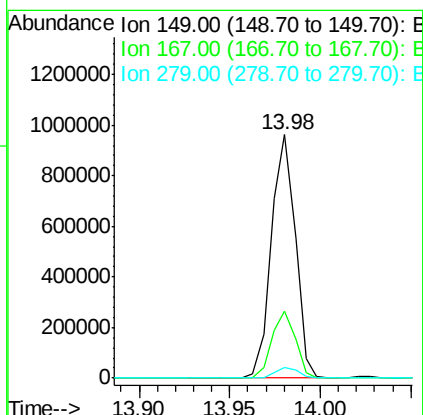
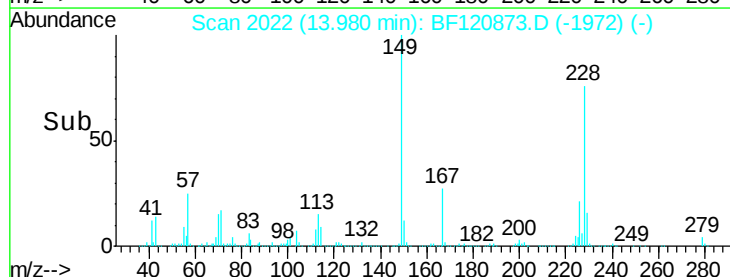
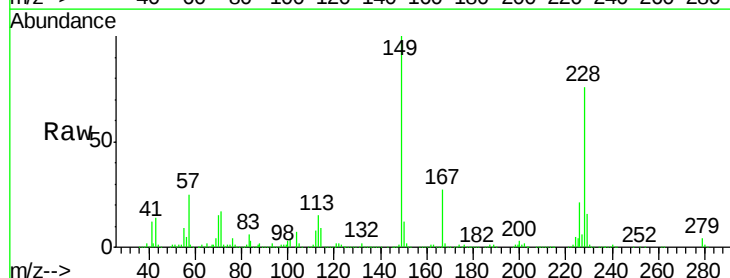
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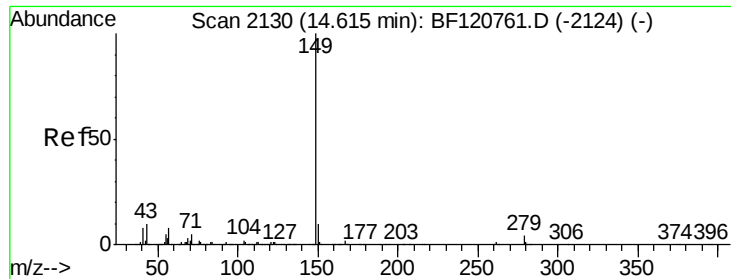
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.808 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.4	20.9	31.3	
279	4.3	2.6	4.0	





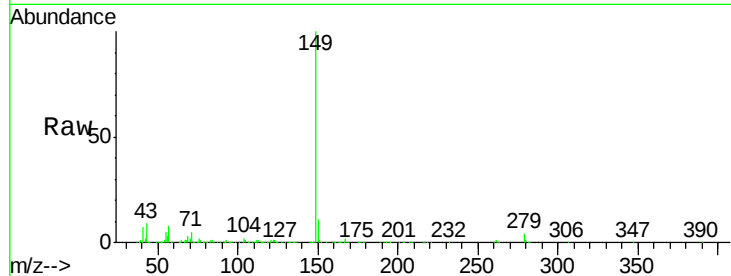
#85
Di-n-octyl phthalate
Concen: 43.148 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

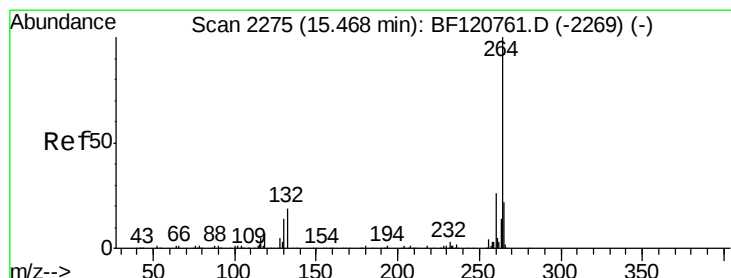
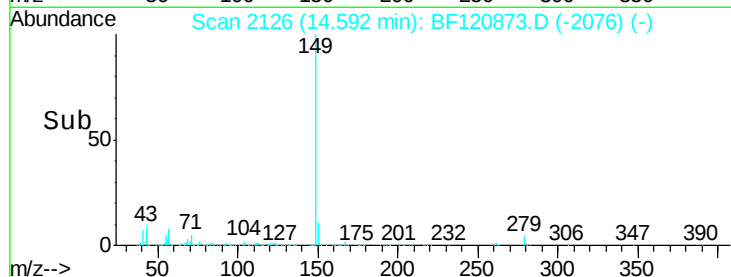
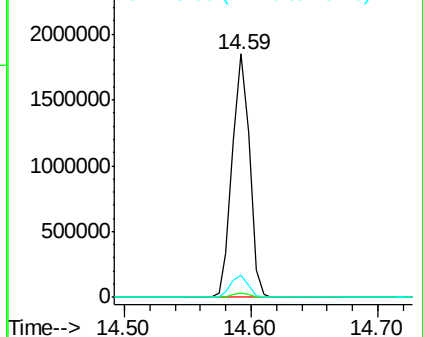
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.7	13.1

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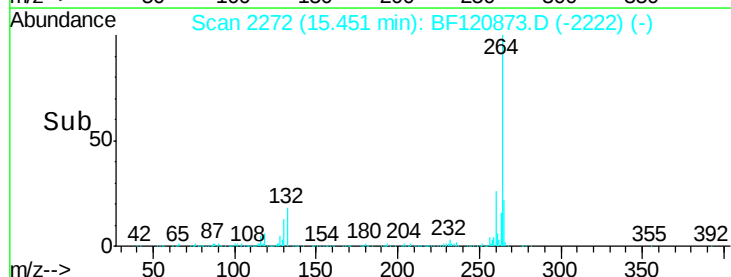
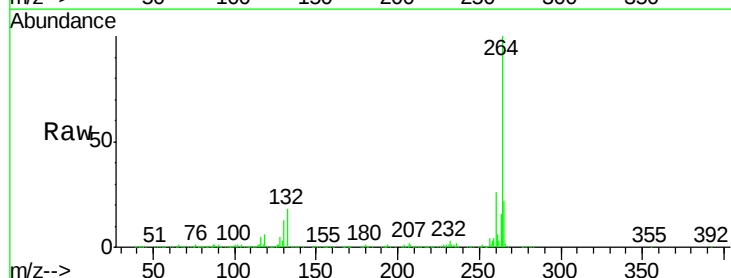
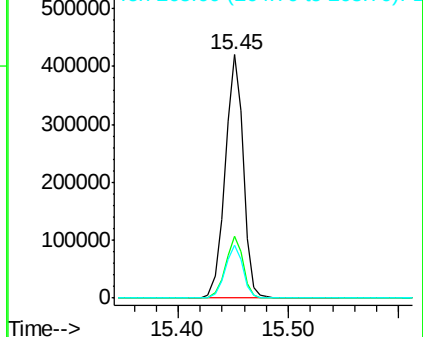
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	21.9	17.6	26.4

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





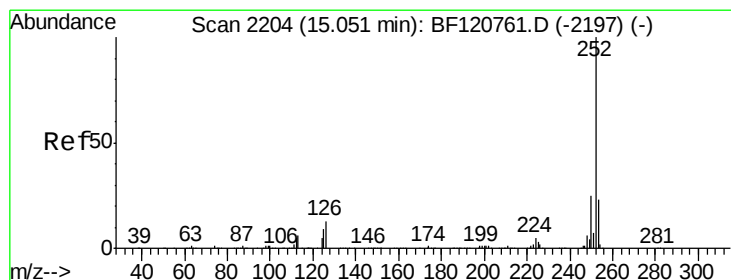
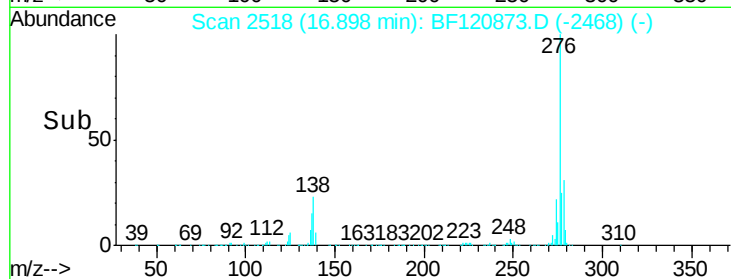
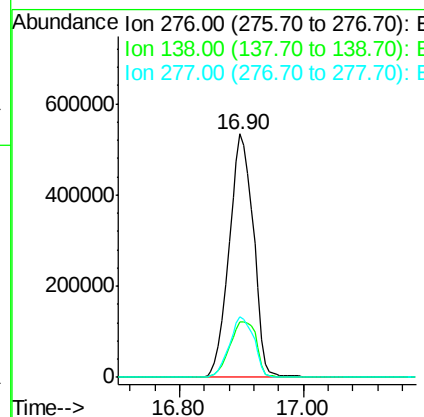
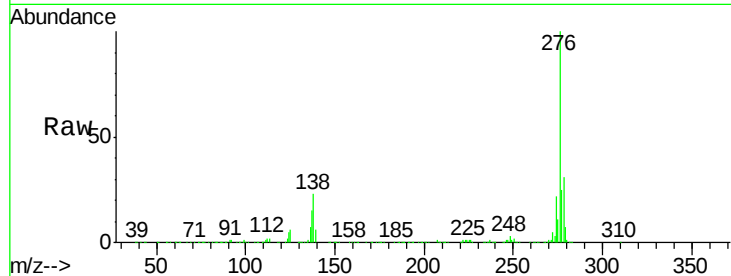
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.256 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.8	29.8
277	25.4	19.9	29.9

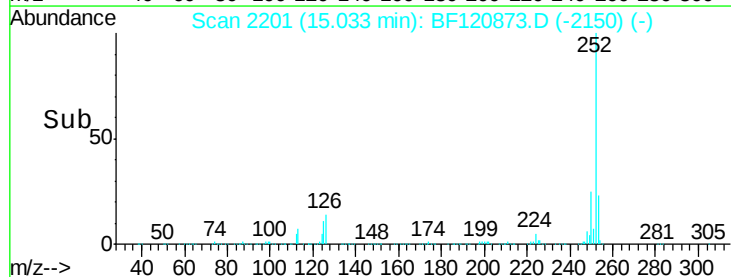
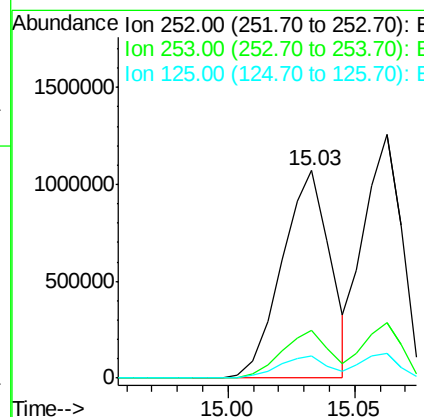
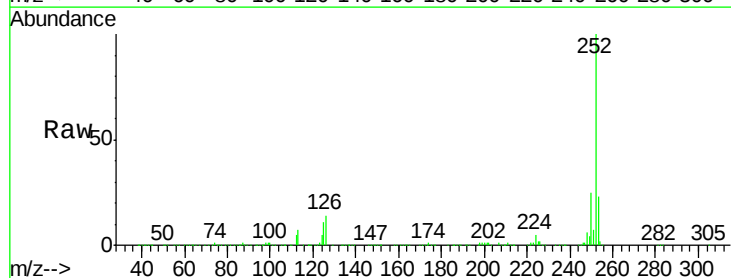
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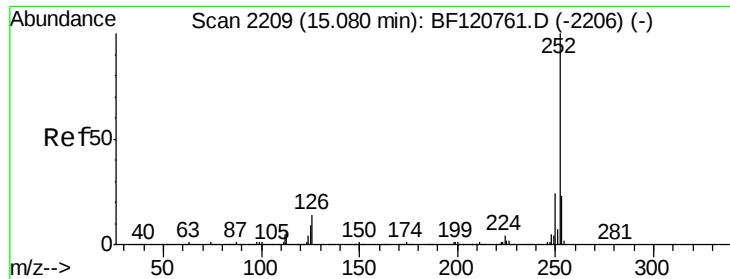
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#88
 Benzo(b)fluoranthene
 Concen: 44.916 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BF120873.D
 Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.5	7.5	11.3





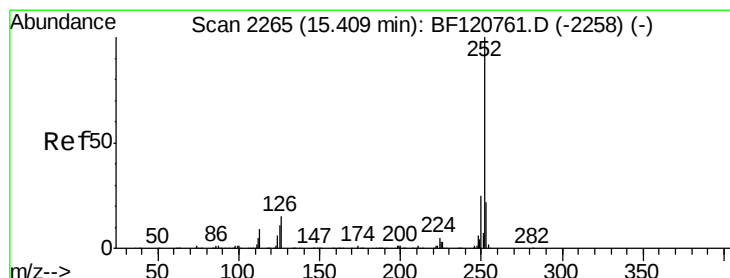
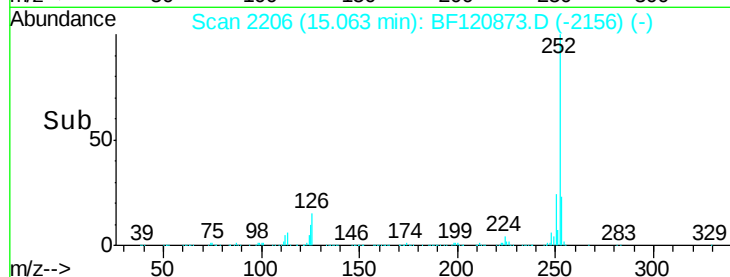
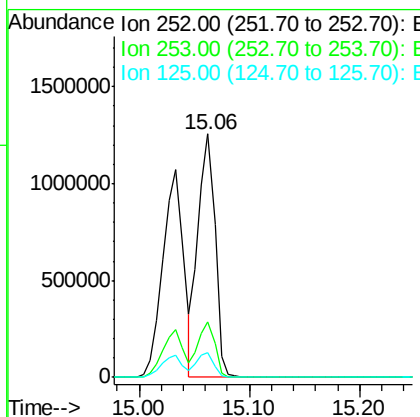
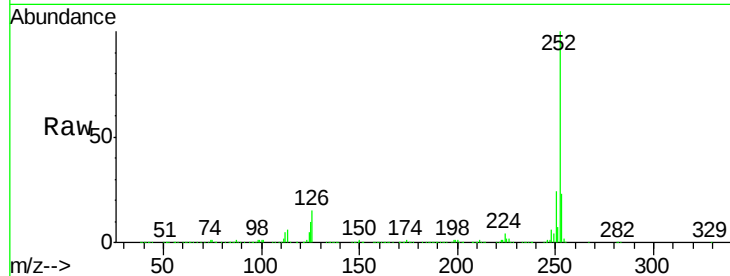
#89
Benzo(k)fluoranthene
Concen: 42.886 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion:252 Resp: 1319564
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.4 7.6 11.4

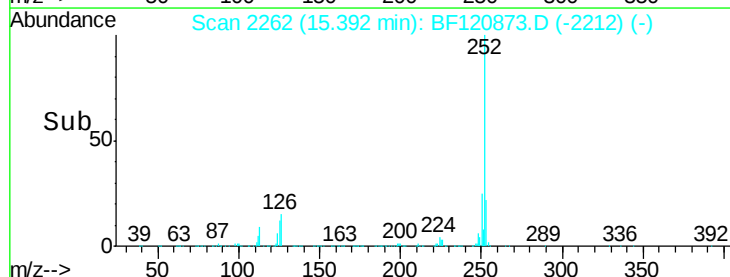
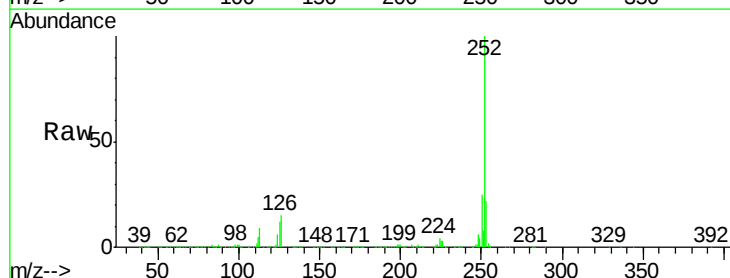
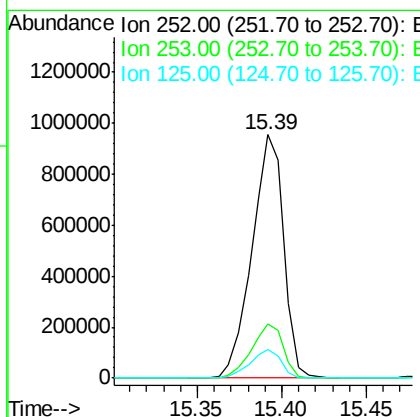
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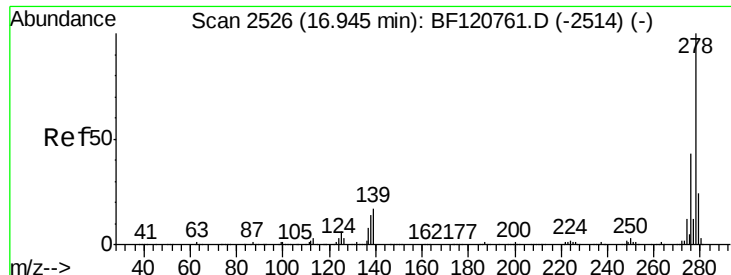
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#90
Benzo(a)pyrene
Concen: 44.164 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion:252 Resp: 1245774
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.7 9.2 13.8





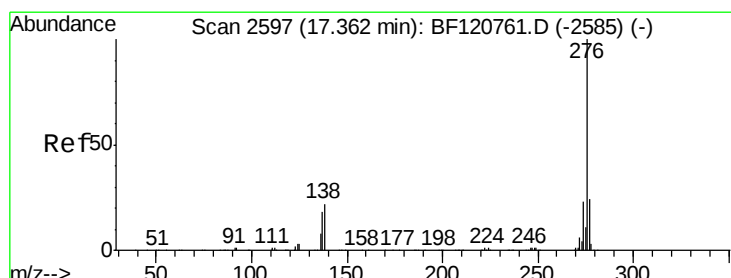
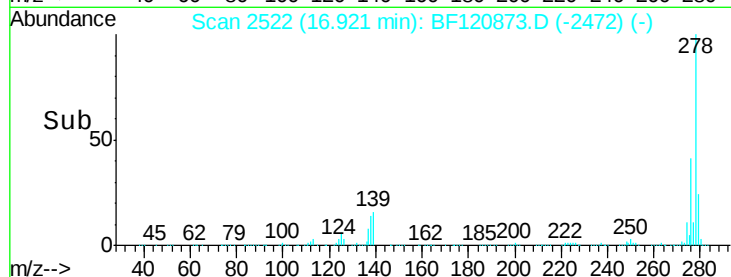
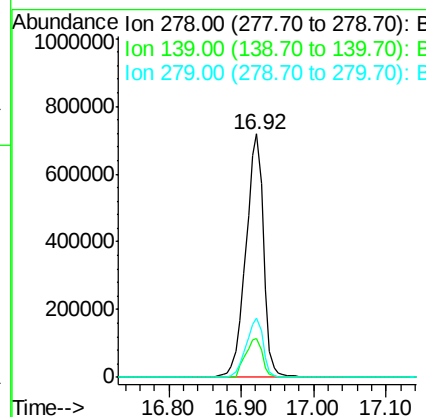
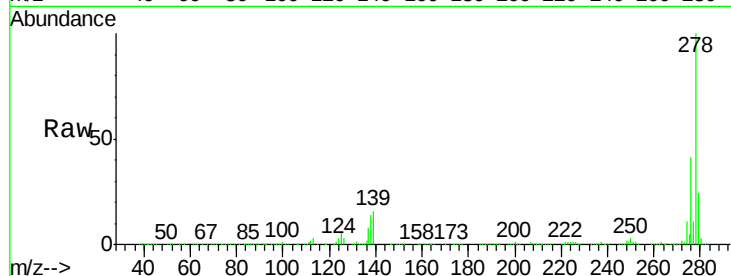
#91
Dibenzo(a,h)anthracene
Concen: 47.336 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
IRON-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.3	19.9
279	24.4	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 50.630 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BF120873.D
Acq: 15 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	17.4	26.2

