

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120303.D
 Acq On : 14 May 2020 21:01
 Operator : MA/SJ
 Sample : L2635-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Manual Integrations
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mohammad
 5/18/2020 1:32:08 PM

Quant Time: May 15 04:12:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	393417	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1549850	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	758674	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1347757	20.00	ng	0.00
76) Chrysene-d12	13.79	240	735758	20.00	ng	0.00
87) Perylene-d12	15.17	264	743002	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1949722	96.43	ng	0.01
7) Phenol-d6	6.29	99	2494605	97.56	ng	0.00
23) Nitrobenzene-d5	7.20	82	1593751	70.41	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	597081	96.52	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2762977	74.82	ng	0.00
79) Terphenyl-d14	12.73	244	2510128	75.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	328322	40.819	ng	99
3) Pyridine	2.95	79	738151	29.195	ng	98
4) n-Nitrosodimethylamine	2.90	42	369459	37.319	ng	99
6) Aniline	6.29	93	382760	11.705	ng	# 1
8) 2-Chlorophenol	6.41	128	875975	37.156	ng	100
9) Benzaldehyde	6.17	77	556907	35.330	ng	99
10) Phenol	6.30	94	1088604	36.471	ng	# 72
11) bis(2-Chloroethyl)ether	6.36	93	856040	35.903	ng	98
12) 1,3-Dichlorobenzene	6.56	146	852218	33.782	ng	99
13) 1,4-Dichlorobenzene	6.64	146	883107	33.989	ng	99
14) 1,2-Dichlorobenzene	6.79	146	803397	34.336	ng	99
15) Benzyl Alcohol	6.78	79	655055	36.060	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1296194	34.496	ng	89
17) 2-Methylphenol	6.90	107	673023	33.817	ng	95
18) Hexachloroethane	7.13	117	326748	33.011	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	587292	35.059	ng	97
20) 3+4-Methylphenols	7.06	107	906207	35.022	ng	97
22) Acetophenone	7.04	105	1165914	36.721	ng	# 98
24) Nitrobenzene	7.22	77	878824	36.074	ng	99
25) Isophorone	7.46	82	1642891	34.881	ng	99
26) 2-Nitrophenol	7.53	139	476660	37.411	ng	90
27) 2,4-Dimethylphenol	7.58	122	739224	39.884	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	1074486	36.295	ng	99
29) 2,4-Dichlorophenol	7.78	162	685251	35.998	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	745253	35.330	ng	98
31) Naphthalene	7.93	128	2388604	36.517	ng	100
32) Benzoic acid	7.74	122	483615	39.808	ng	98
33) 4-Chloroaniline	8.00	127	190917	6.405	ng	100
34) Hexachlorobutadiene	8.05	225	410879	33.699	ng	97
35) Caprolactam	8.37	113	223473m	35.884	ng	
36) 4-Chloro-3-methylphenol	8.49	107	723048	35.112	ng	99
37) 2-Methylnaphthalene	8.62	142	1565037	34.963	ng	98
38) 1-Methylnaphthalene	8.72	142	1503981	34.643	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	717447	37.503	ng	99

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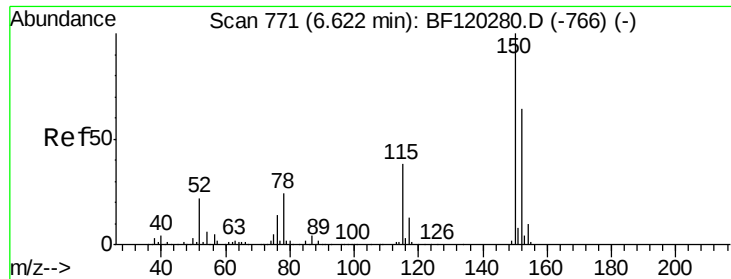
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	391309	52.106	nq	99
43) 2,4,6-Trichlorophenol	8.91	196	460884	35.891	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	493777	33.483	nq	98
46) 1,1'-Biphenyl	9.09	154	1881344	37.847	nq	100
47) 2-Chloronaphthalene	9.11	162	1328739	33.323	nq	99
48) 2-Nitroaniline	9.22	65	503396	34.601	nq	98
49) Acenaphthylene	9.53	152	2185577	35.882	nq	100
50) Dimethylphthalate	9.40	163	2197315	45.816	nq	100
51) 2,6-Dinitrotoluene	9.46	165	372210	34.773	nq	89
52) Acenaphthene	9.70	154	1290751	35.354	nq	100
53) 3-Nitroaniline	9.63	138	173010	13.554	nq	97
54) 2,4-Dinitrophenol	9.74	184	244436	48.378	nq	97
55) Dibenzofuran	9.87	168	1868522	35.539	nq	99
56) 4-Nitrophenol	9.82	139	459127	66.940	nq	92
57) 2,4-Dinitrotoluene	9.87	165	440898	35.114	nq	96
58) Fluorene	10.21	166	1443390	36.048	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	384927	34.684	nq	97
60) Diethylphthalate	10.10	149	1634251	35.296	nq	98
61) 4-Chlorophenyl-phenylether	10.20	204	714528	34.323	nq	97
62) 4-Nitroaniline	10.25	138	308317	25.939	nq	100
63) Azobenzene	10.37	77	1584047	36.199	nq	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	196027	28.760	nq	95
66) n-Nitrosodiphenylamine	10.33	169	1352688	36.278	nq	100
67) 4-Bromophenyl-phenylether	10.69	248	442201	33.812	nq	99
68) Hexachlorobenzene	10.76	284	458981	33.546	nq	98
69) Atrazine	10.86	200	357347	32.028	nq	99
70) Pentachlorophenol	10.96	266	402184	69.114	nq	99
71) Phenanthrene	11.17	178	1999246	35.302	nq	99
72) Anthracene	11.22	178	2185072	36.041	nq	99
73) Carbazole	11.38	167	1911978	33.752	nq	99
74) Di-n-butylphthalate	11.72	149	2535763	37.143	nq	98
75) Fluoranthene	12.36	202	2071814	34.132	nq	98
77) Benzidine	12.49	184	786123	36.589	nq	99
78) Pyrene	12.59	202	1997839	38.089	nq	99
80) Butylbenzylphthalate	13.21	149	925887	37.487	nq	99
81) Benzo(a)anthracene	13.77	228	1363541	35.137	nq	98
82) 3,3'-Dichlorobenzidine	13.74	252	259031	17.713	nq	97
83) Chrysene	13.81	228	1438226	34.514	nq	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1174322	38.215	nq	98
85) Di-n-octyl phthalate	14.39	149	1994023	36.070	nq	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1496635	39.572	nq	100
88) Benzo(b)fluoranthene	14.79	252	1461247	36.012	nq	99
89) Benzo(k)fluoranthene	14.82	252	1220785	34.726	nq	100
90) Benzo(a)pyrene	15.12	252	1243782	34.179	nq	99
91) Dibenzo(a,h)anthracene	16.52	278	1240506	38.479	nq	99
92) Benzo(g,h,i)perylene	16.91	276	1242036	38.205	nq	99

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



#1

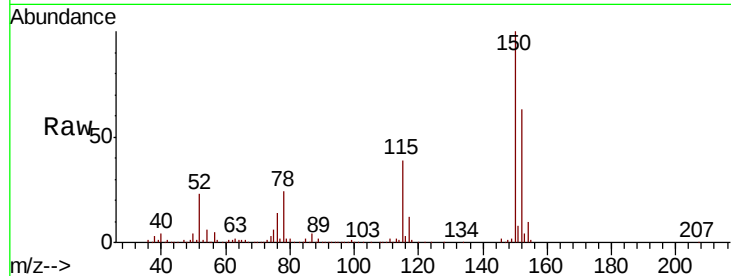
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	61.5	47.9	71.9

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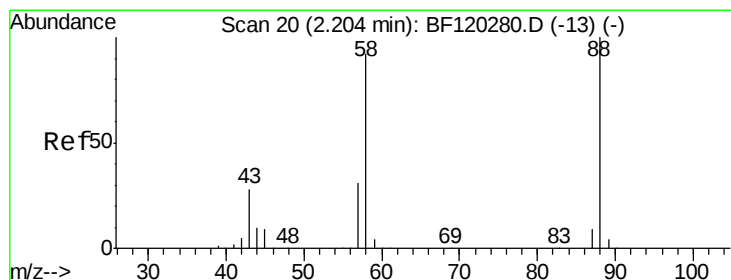
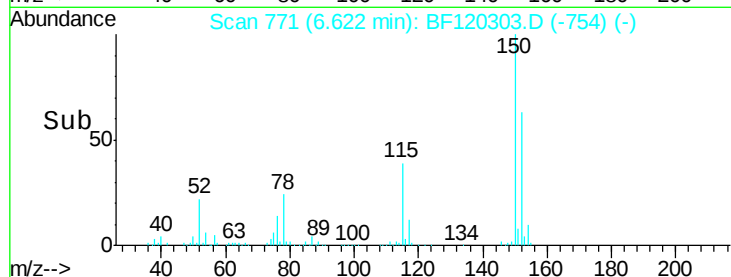
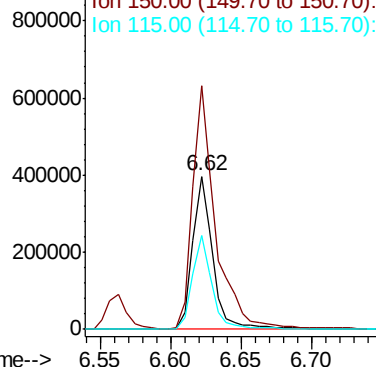


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

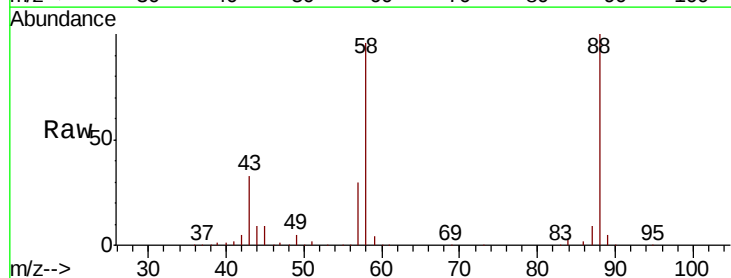
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.819 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	75.8	113.6
43	28.3	23.6	35.4

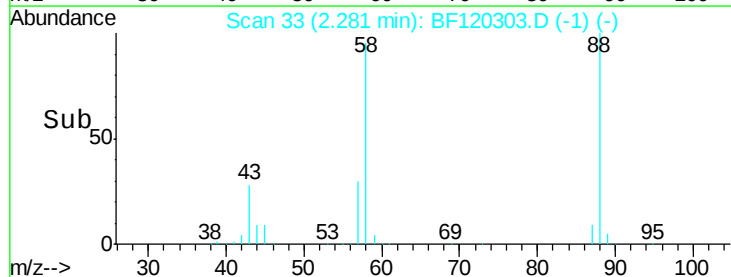
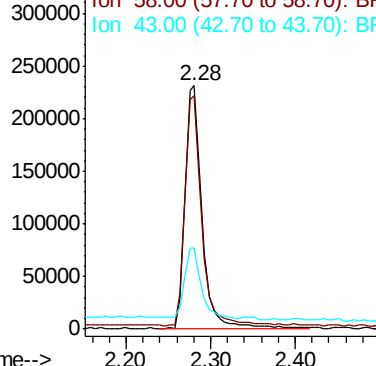


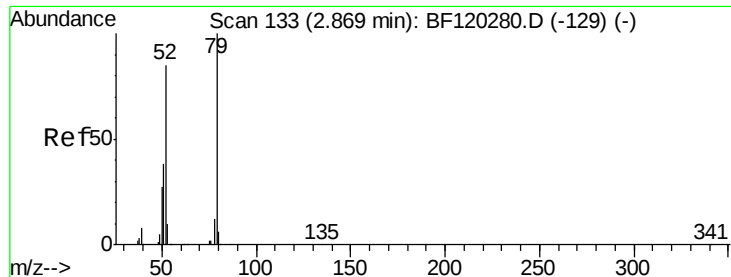
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.195 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.08 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

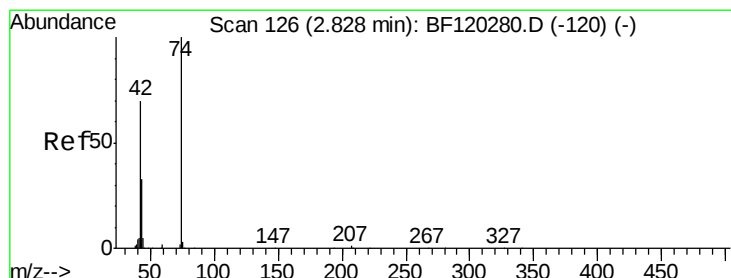
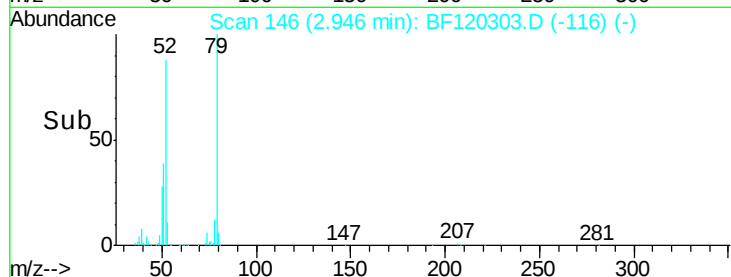
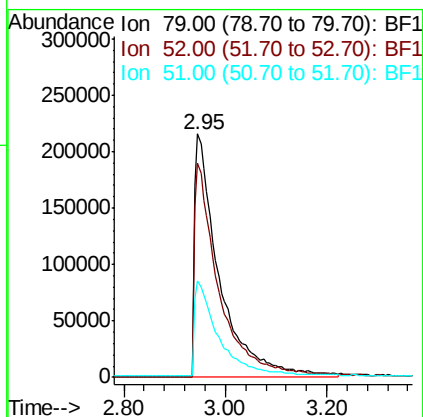
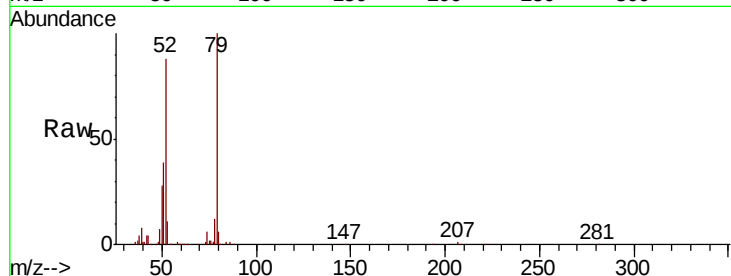
ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:	79	Resp:	738151
Ion Ratio	Lower	Upper	
79	100		
52	87.8	68.4	102.6
51	39.4	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 37.319 ng

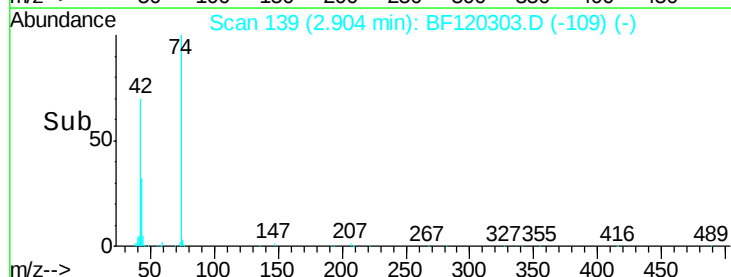
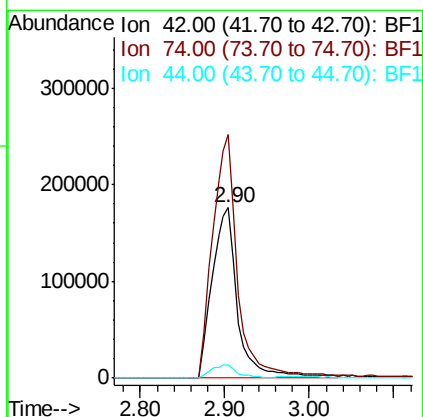
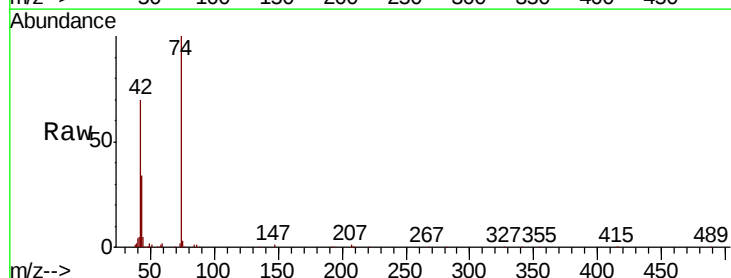
RT: 2.90 min Scan# 139

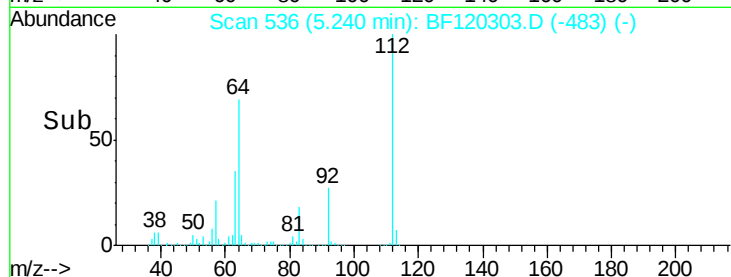
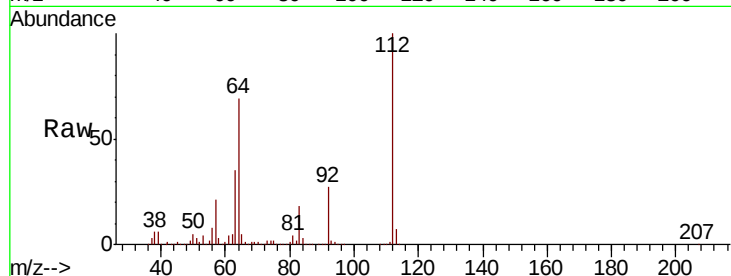
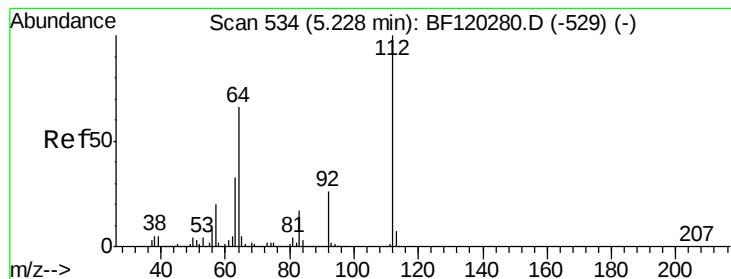
Delta R.T. 0.08 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:	42	Resp:	369459
Ion Ratio	Lower	Upper	
42	100		
74	142.7	114.8	172.2
44	7.8	5.6	8.4





#5

2-Fluorophenol

Concen: 96.427 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:112 Resp: 1949722

Ion Ratio Lower Upper

112 100

64 69.5 52.7 79.1

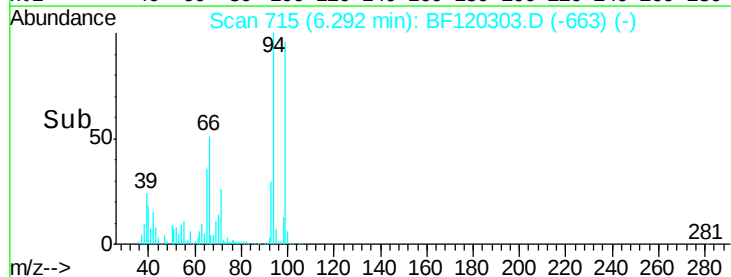
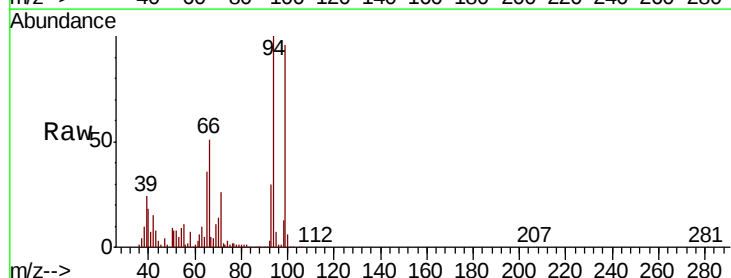
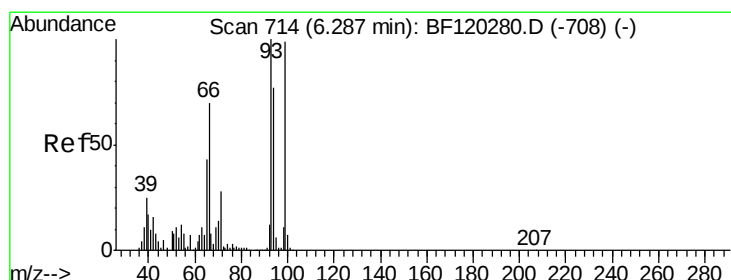
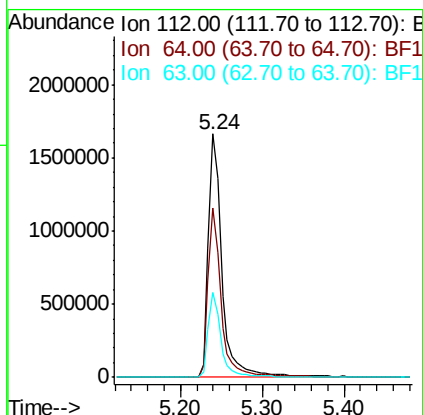
63 34.9 26.2 39.4

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#6

Aniline

Concen: 11.705 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

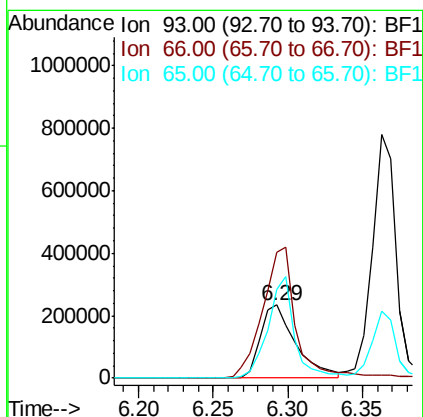
Tgt Ion: 93 Resp: 382760

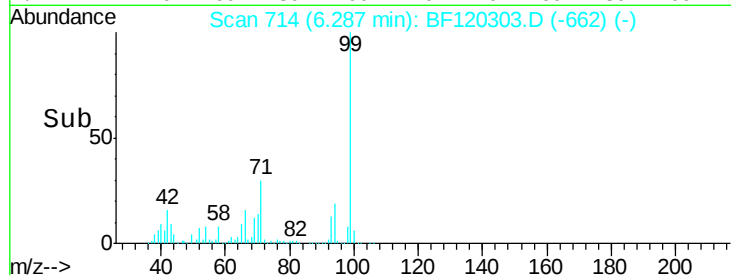
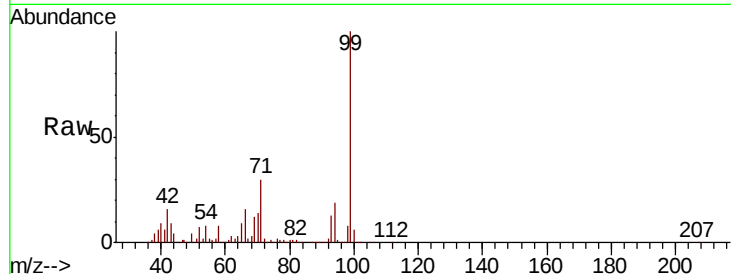
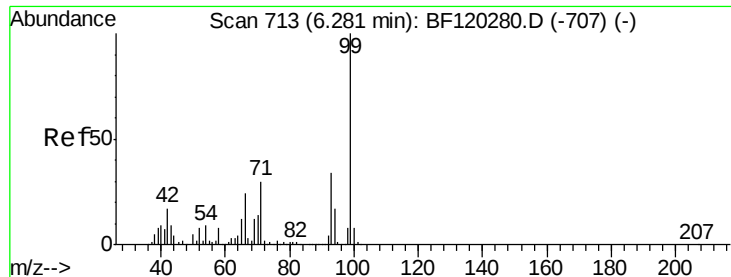
Ion Ratio Lower Upper

93 100

66 172.5 56.2 84.4#

65 121.0 34.2 51.2#





#7

Phenol-d6

Concen: 97.561 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tot Ion:	99	Resp:	2494605
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	30.3	24.2	36.4

Instrument :

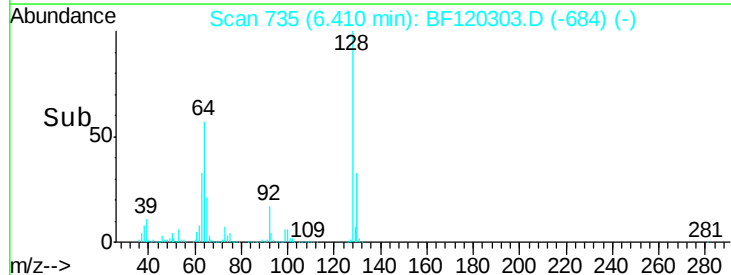
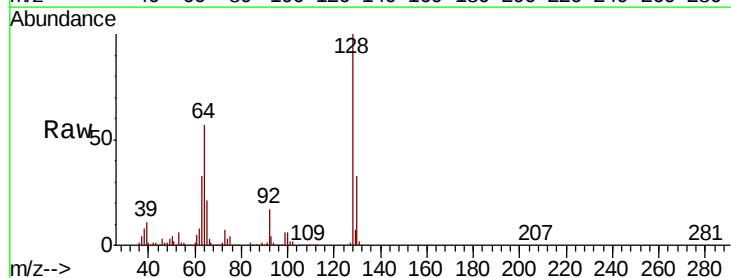
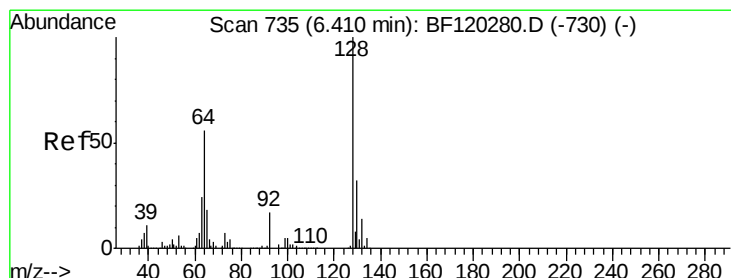
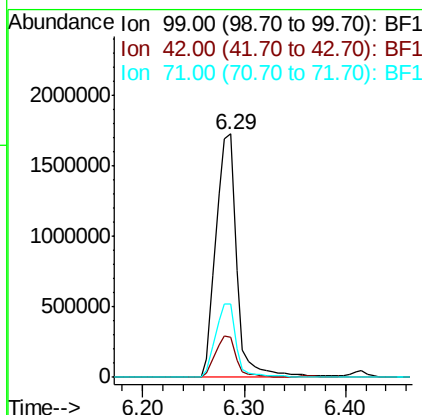
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#8

2-Chlorophenol

Concen: 37.156 ng

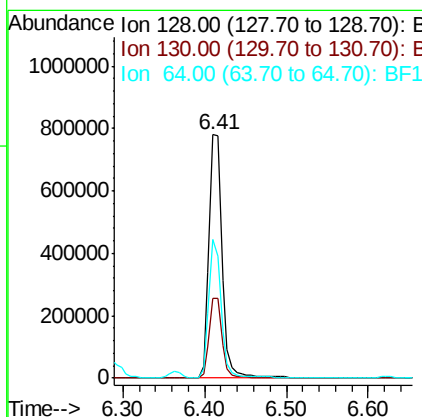
RT: 6.41 min Scan# 735

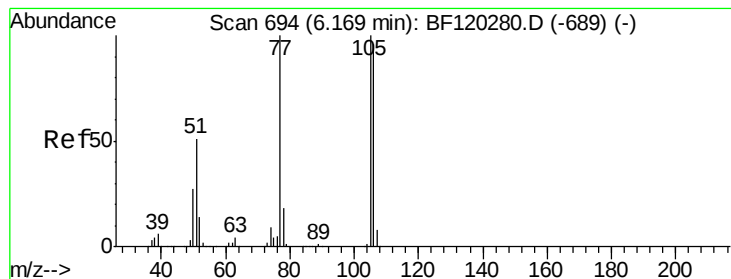
Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:	128	Resp:	875975
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	56.9	36.7	76.7





#9

Benzaldehyde

Concen: 35.330 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

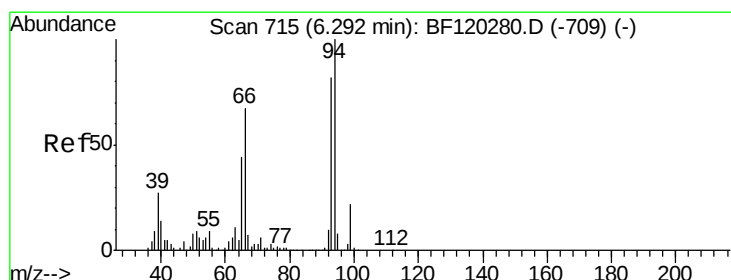
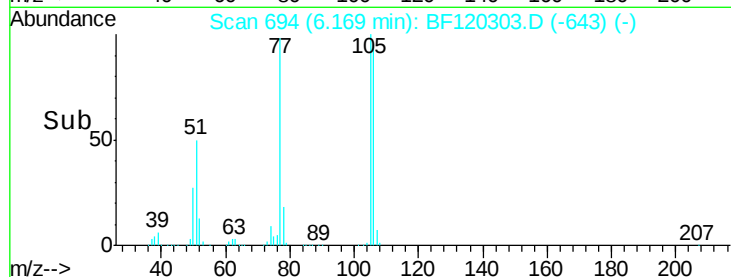
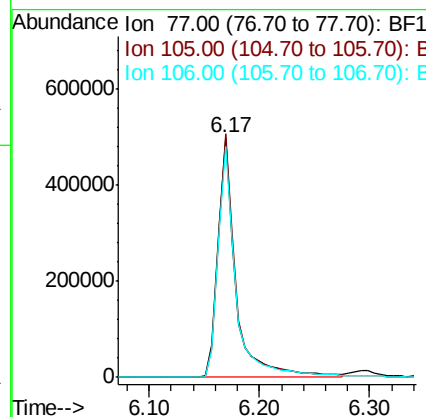
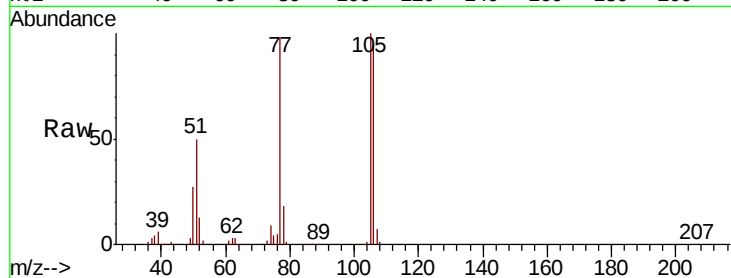
ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:	77	Resp:	556907
Ion	Ratio	Lower	Upper
77	100		
105	101.6	79.9	119.9
106	96.1	75.7	115.7

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#10

Phenol

Concen: 36.471 ng

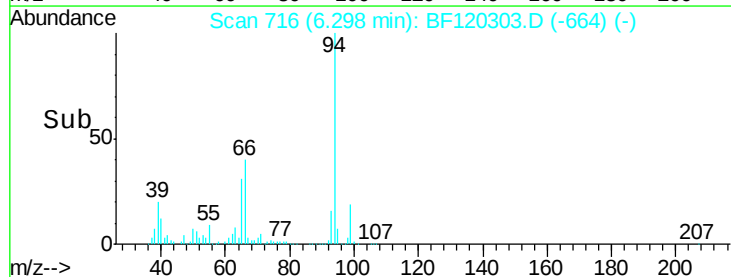
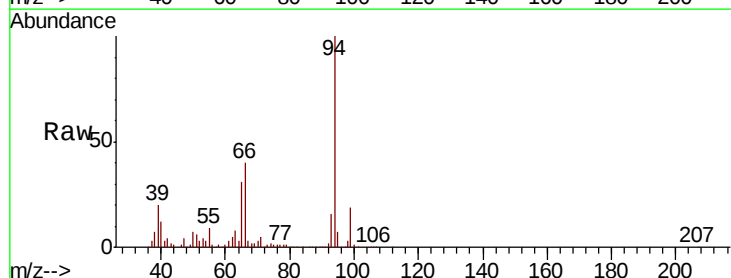
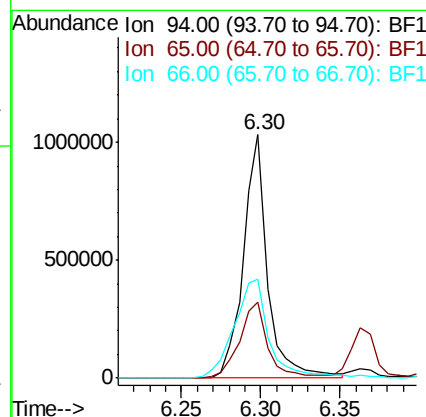
RT: 6.30 min Scan# 716

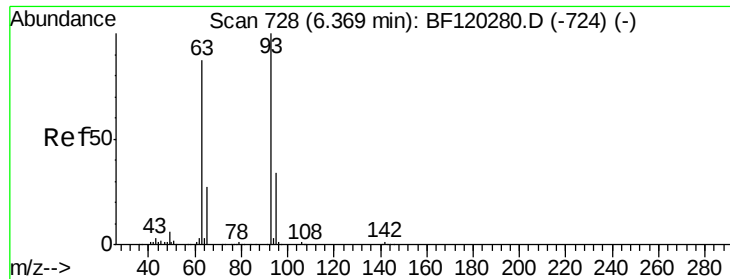
Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:	94	Resp:	1088604
Ion	Ratio	Lower	Upper
94	100		
65	31.3	24.1	64.1
66	40.5	47.5	87.5





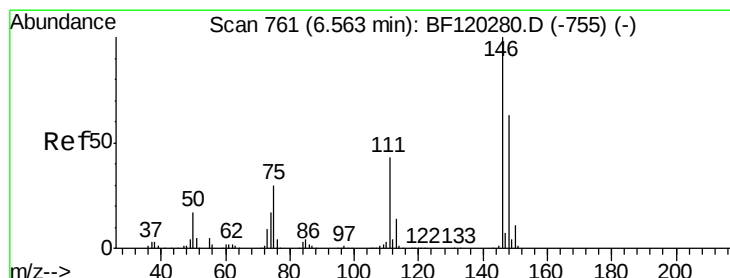
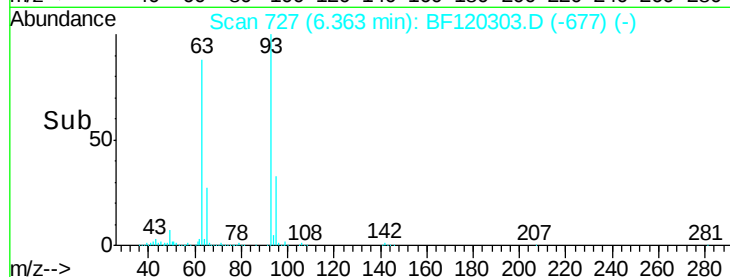
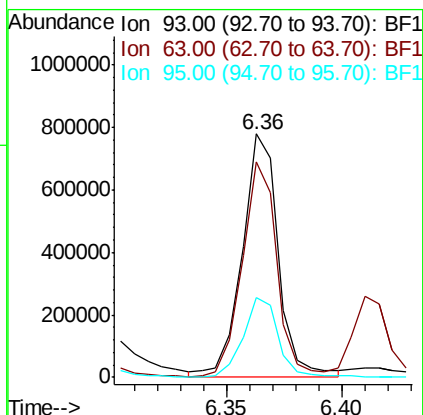
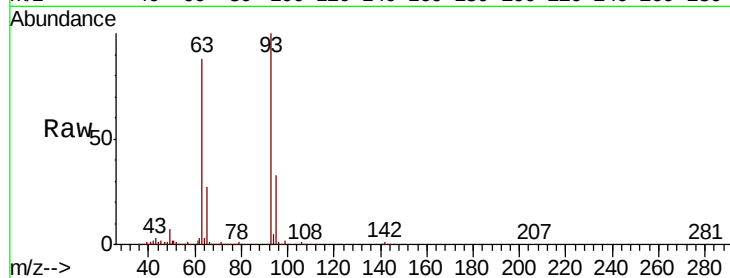
#11
bis(2-Chloroethyl)ether
Concen: 35.903 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	65.4	105.4
95	32.8	12.9	52.9

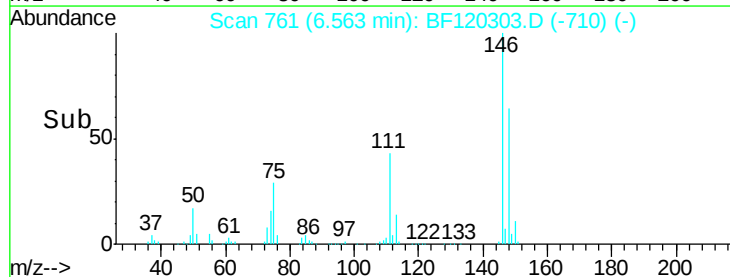
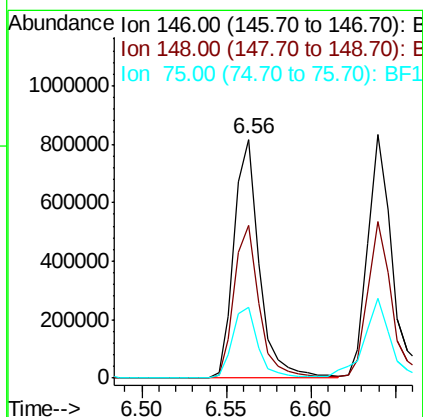
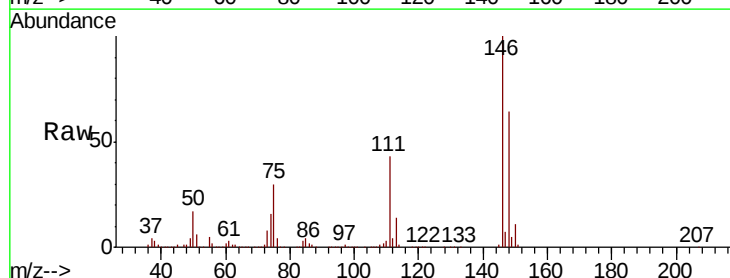
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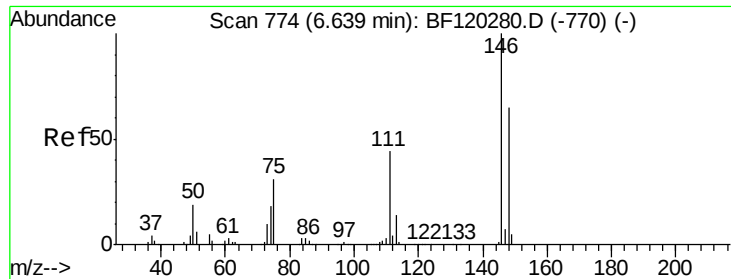
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.782 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	29.5	24.2	36.4





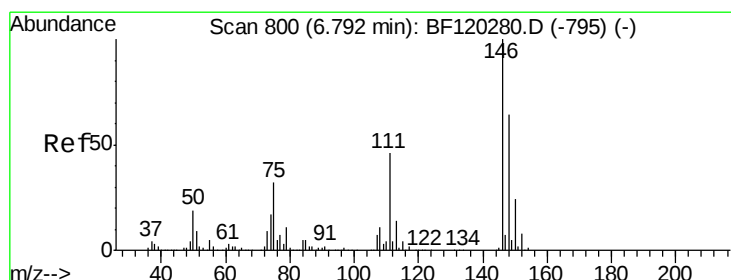
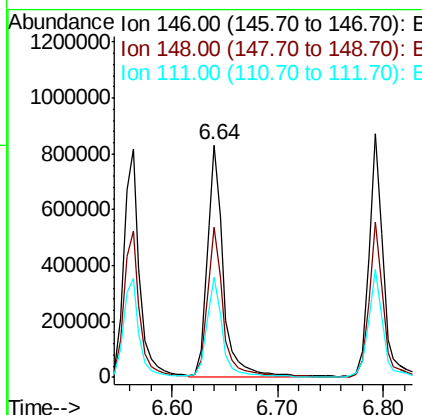
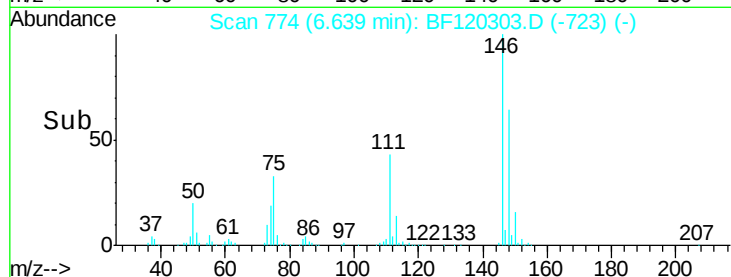
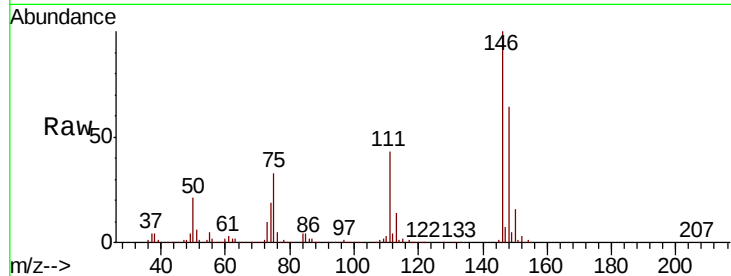
#13
 1,4-Dichlorobenzene
 Concen: 33.989 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	43.3	35.1	52.7

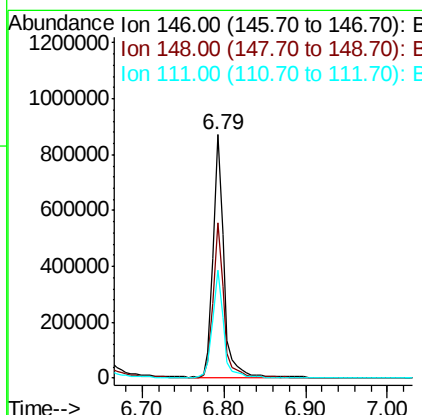
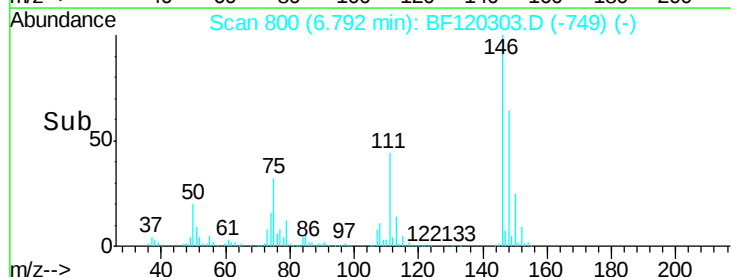
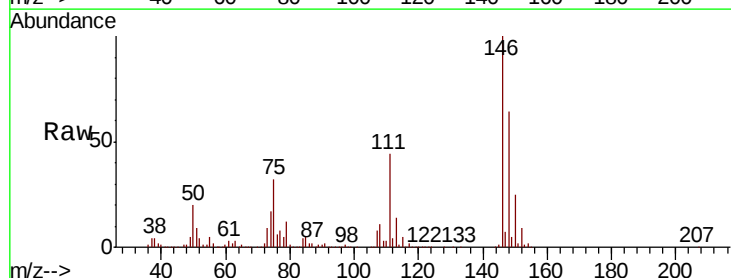
Manual Integrations
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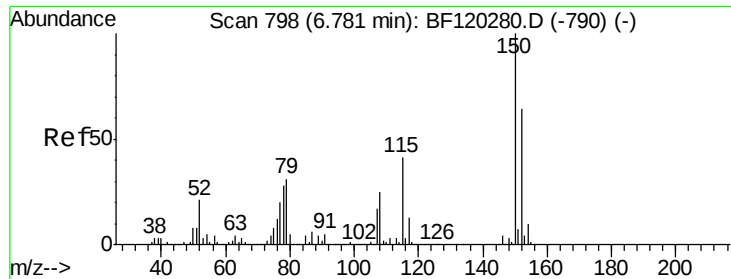
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 34.336 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	44.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.060 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

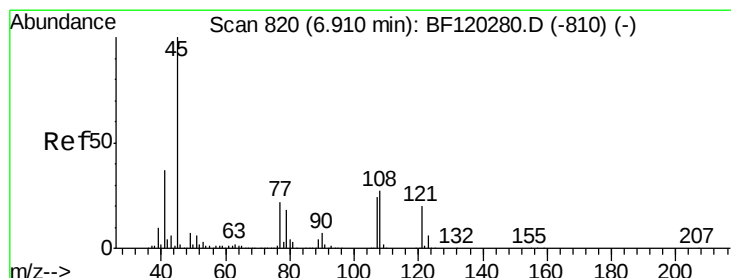
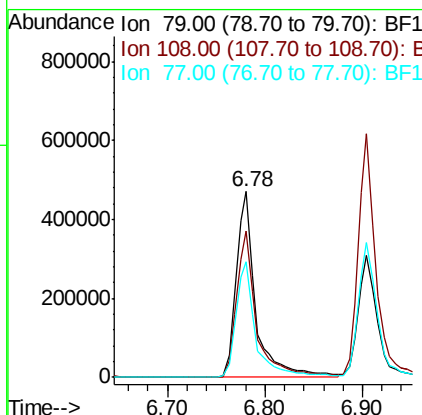
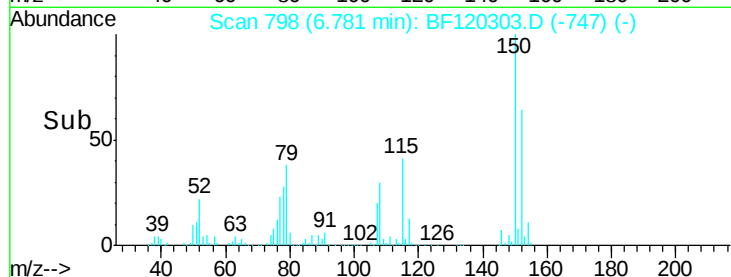
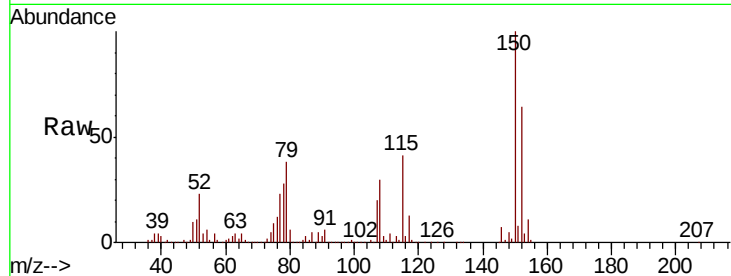
ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:	79	Resp:	655055
Ion Ratio	Lower	Upper	
79	100		
108	78.5	64.2	96.4
77	62.0	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.496 ng

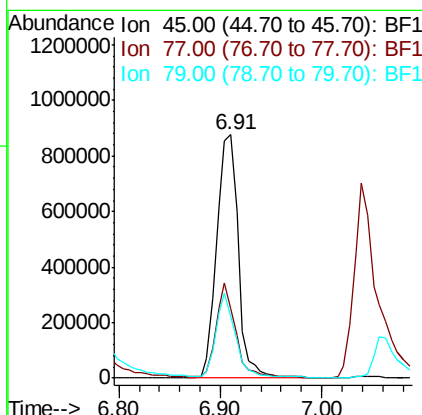
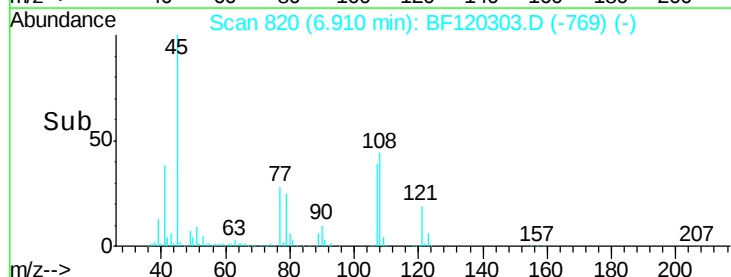
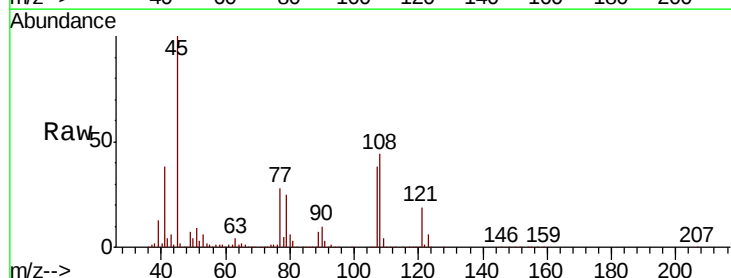
RT: 6.91 min Scan# 820

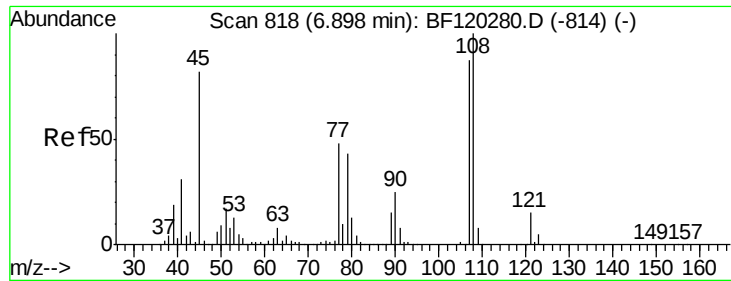
Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:	45	Resp:	1296194
Ion Ratio	Lower	Upper	
45	100		
77	28.3	3.1	43.1
79	25.3	0.0	40.0





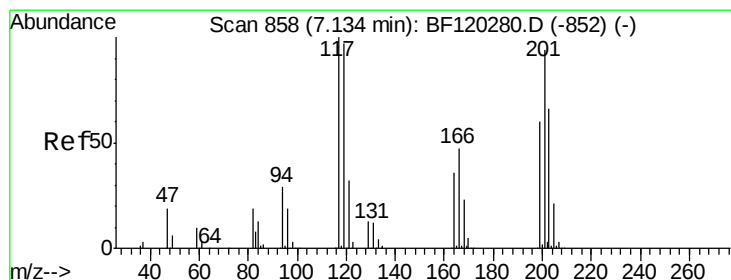
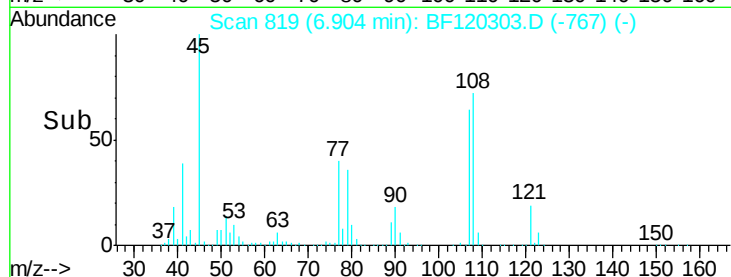
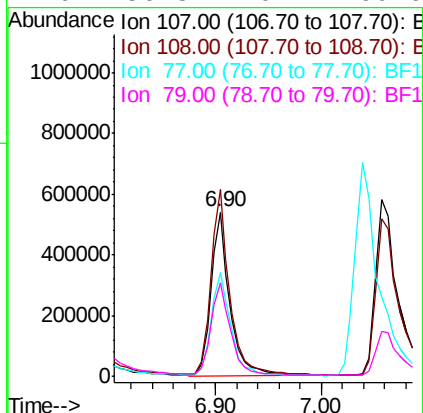
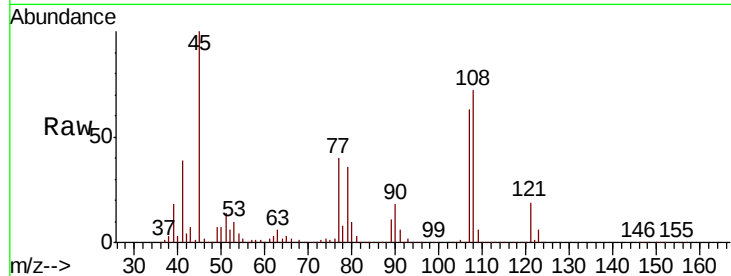
#17
2-Methylphenol
Concen: 33.817 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.4	138.6
77	63.1	44.5	66.7
79	56.8	40.4	60.6

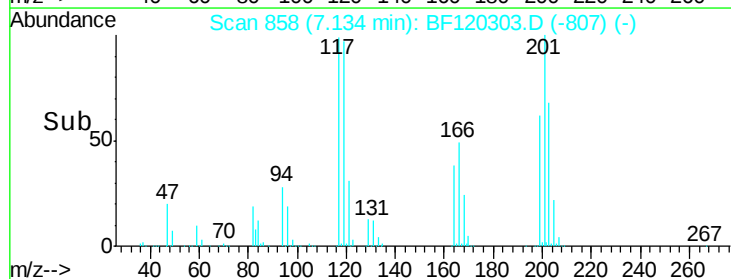
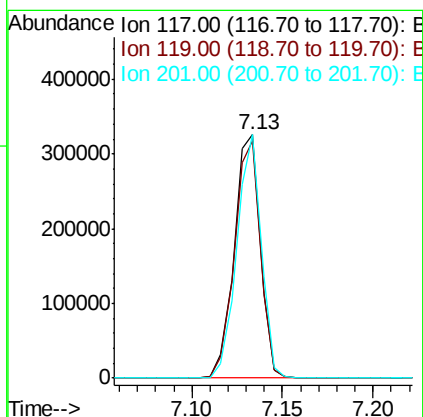
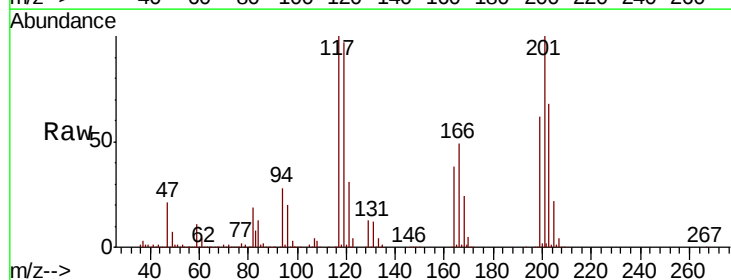
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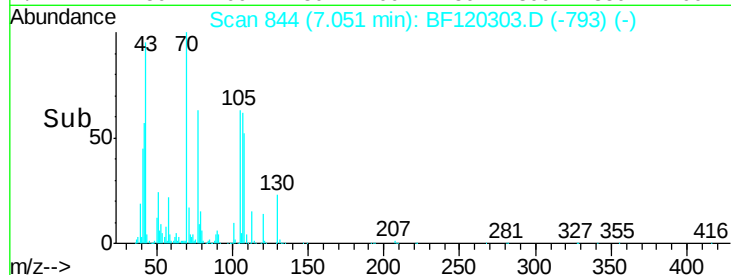
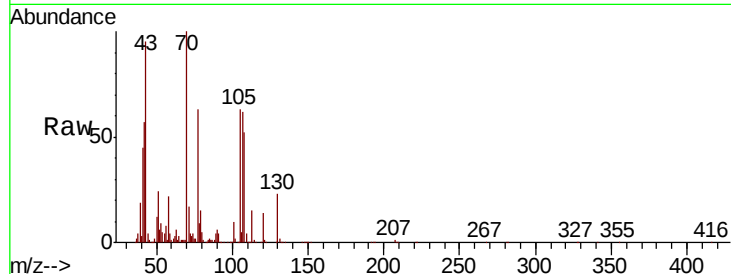
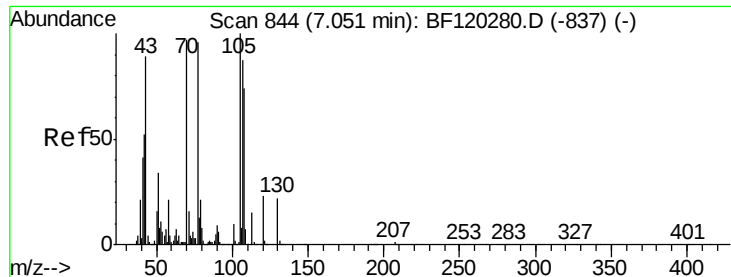
mohammad
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#18
Hexachloroethane
Concen: 33.011 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
201	100.1	74.9	112.3





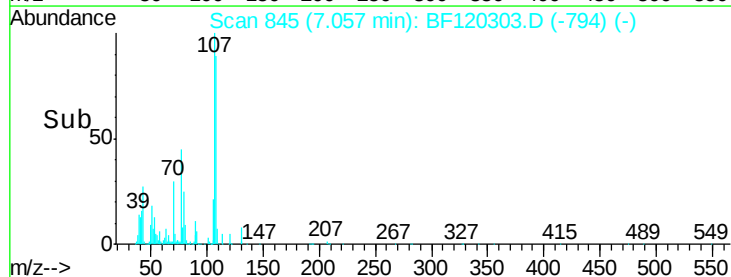
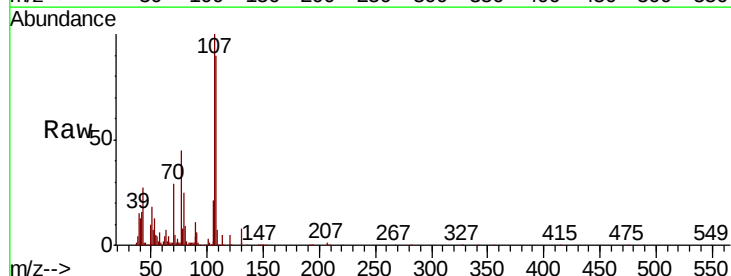
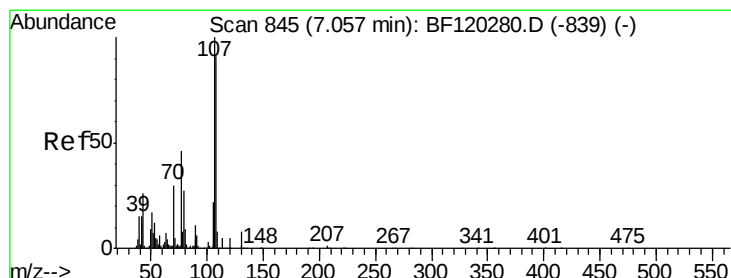
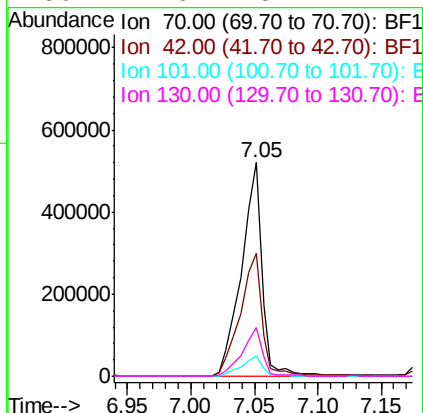
#19
n-Nitroso-di-n-propylamine
Concen: 35.059 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	43.4	65.0
101	9.9	7.8	11.8
130	22.6	18.2	27.4

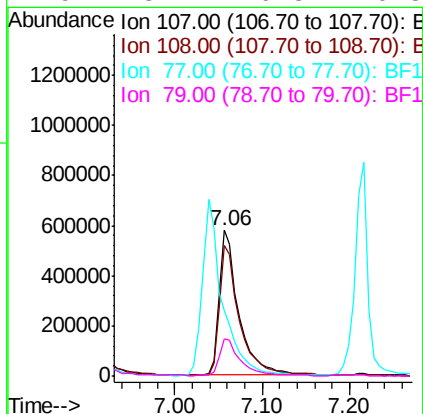
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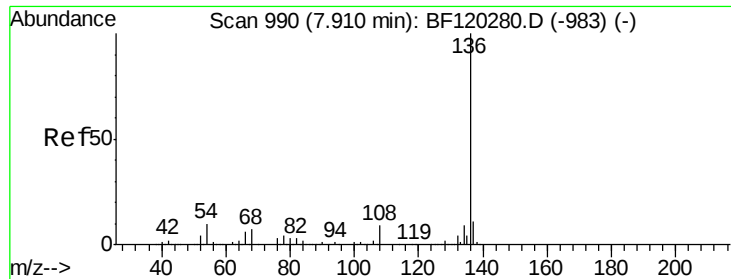
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#20
3+4-Methylphenols
Concen: 35.022 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.1	111.1
77	45.1	28.1	68.1
79	25.4	6.8	46.8





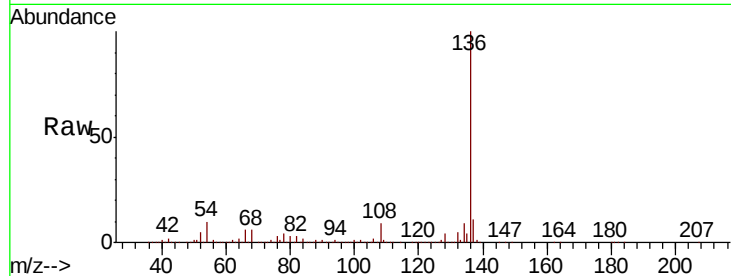
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

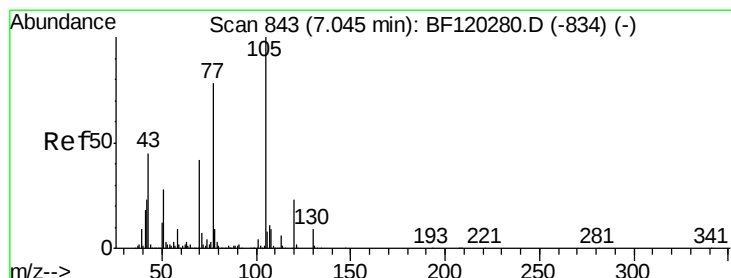
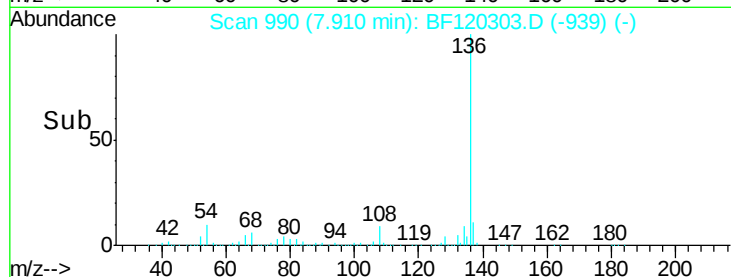
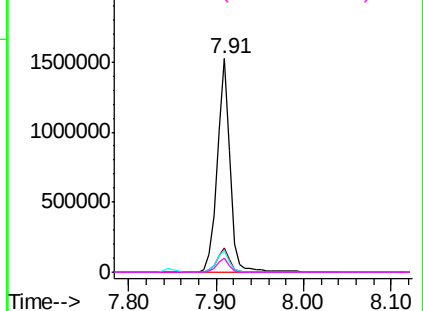
Tot Ion	136	Resp	1549850
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.0	7.9	11.9
68	6.4	5.4	8.2

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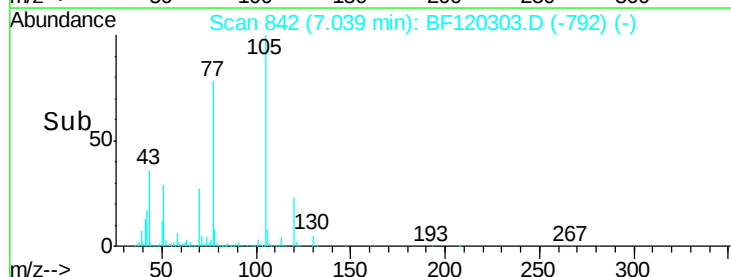
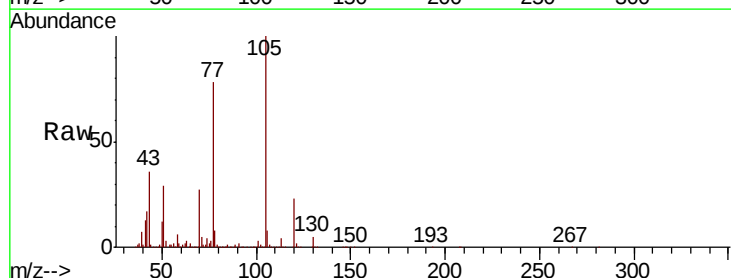
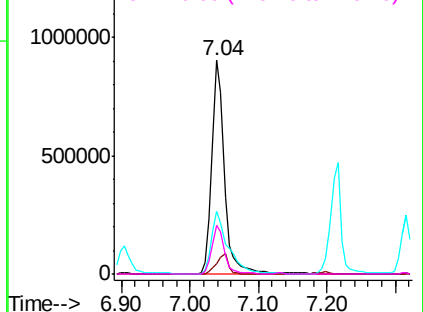
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

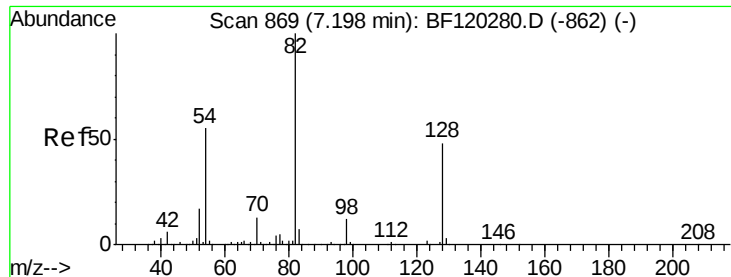


#22
Acetophenone
Concen: 36.721 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	105	Resp	1165914
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.6	8.4#
51	29.5	22.6	34.0
120	23.0	18.7	28.1

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





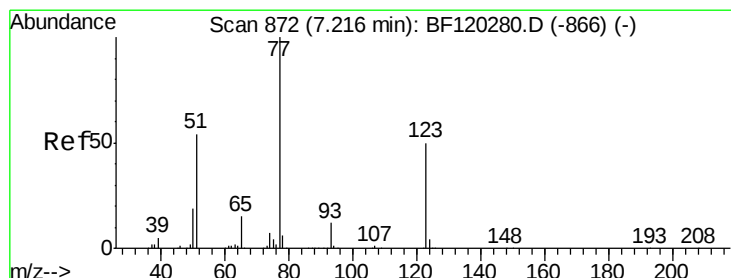
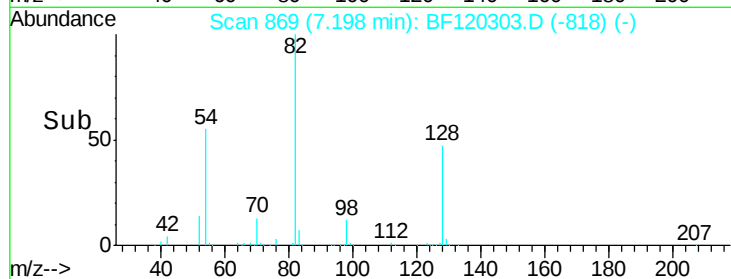
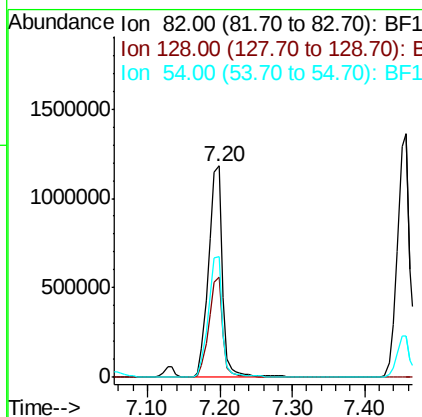
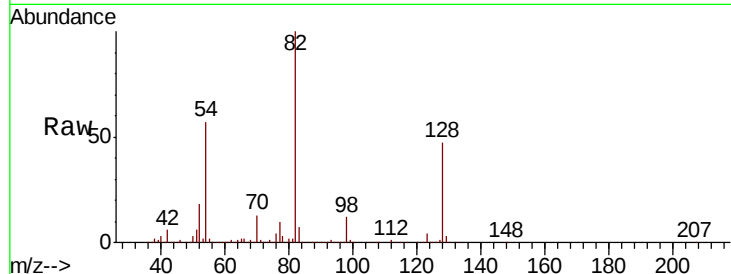
#23
 Nitrobenzene-d5
 Concen: 70.406 ng
 RT: 7.20 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion	82	Resp	1593751
Ion Ratio	100	Lower	Upper
82	100		
128	47.3	38.3	57.5
54	57.1	43.9	65.9

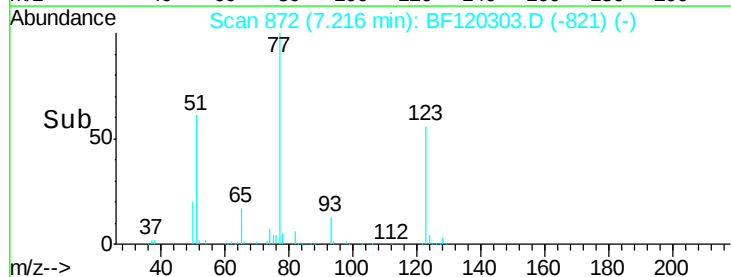
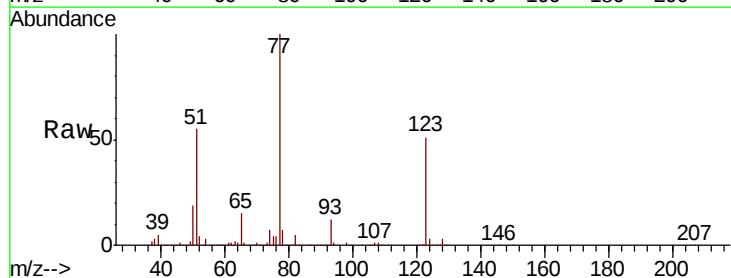
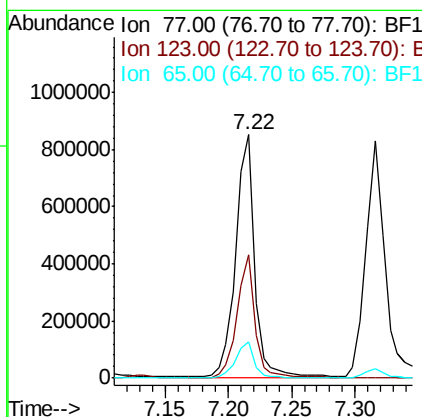
Manual Integrations
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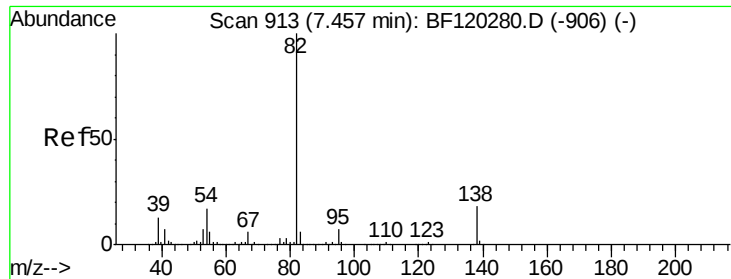
mohammad
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#24
 Nitrobenzene
 Concen: 36.074 ng
 RT: 7.22 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	77	Resp	878824
Ion Ratio	100	Lower	Upper
77	100		
123	50.6	40.0	60.0
65	14.7	11.7	17.5





#25

Isophorone

Concen: 34.881 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion: 82 Resp: 1642891

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

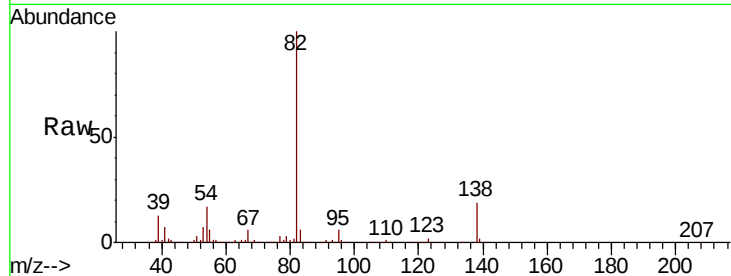
138 18.7 14.7 22.1

Manual Integrations

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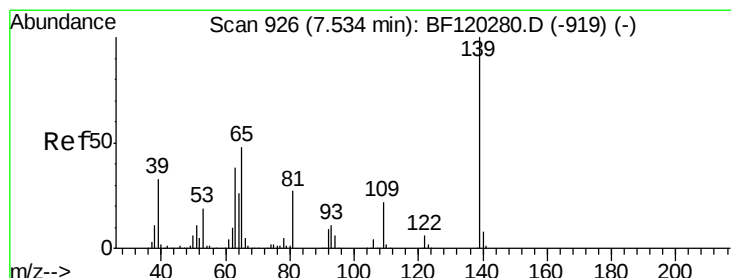
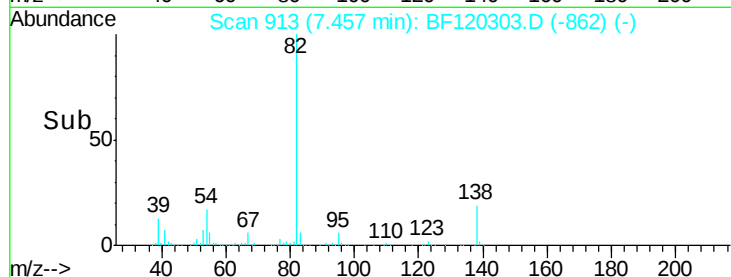
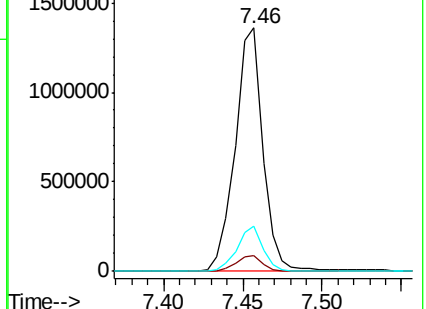
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.411 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

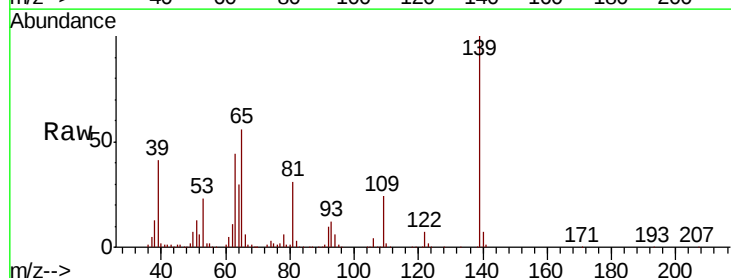
Tgt Ion: 139 Resp: 476660

Ion Ratio Lower Upper

139 100

109 24.4 17.7 26.5

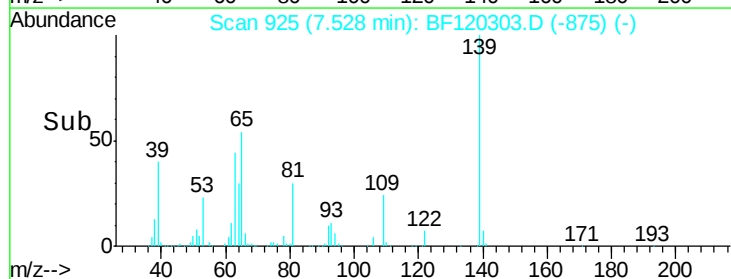
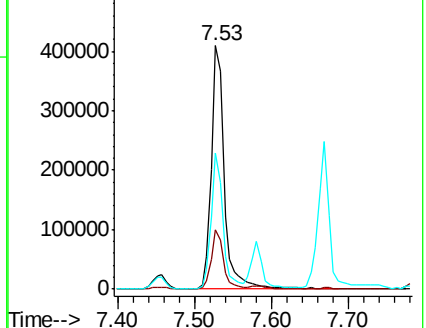
65 55.9 38.3 57.5

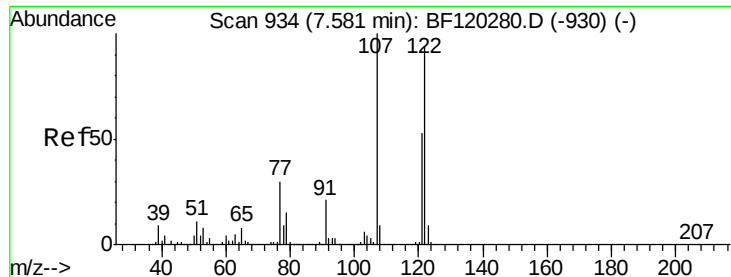


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





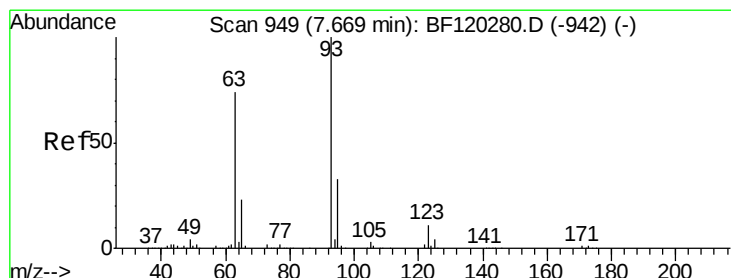
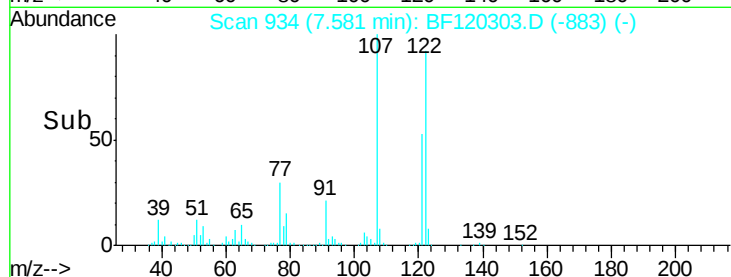
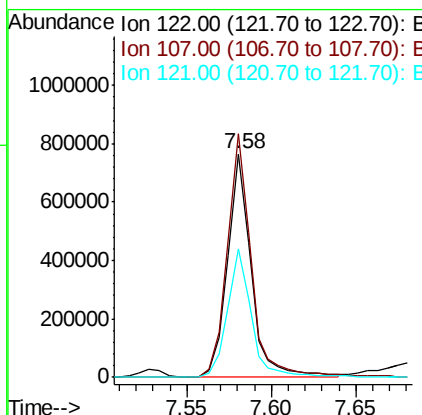
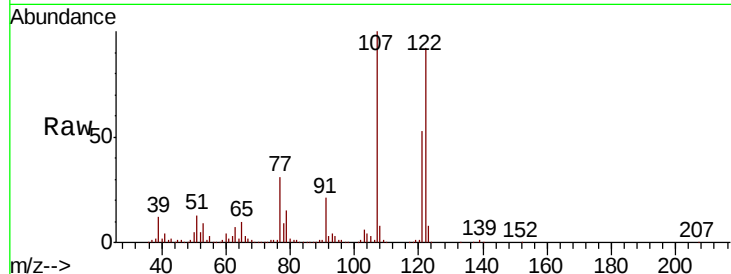
#27
2,4-Dimethylphenol
Concen: 39.884 ng
RT: 7.58 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	85.0	127.6
121	57.7	45.1	67.7

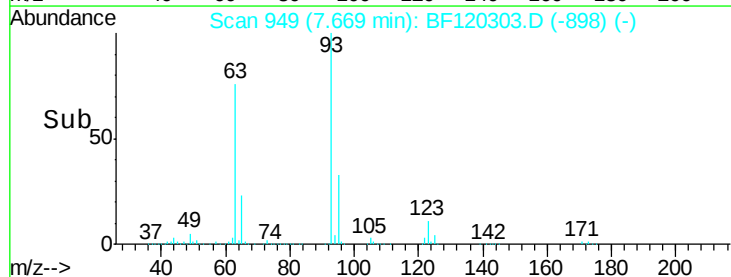
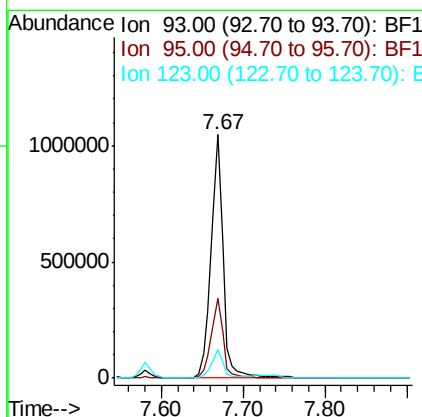
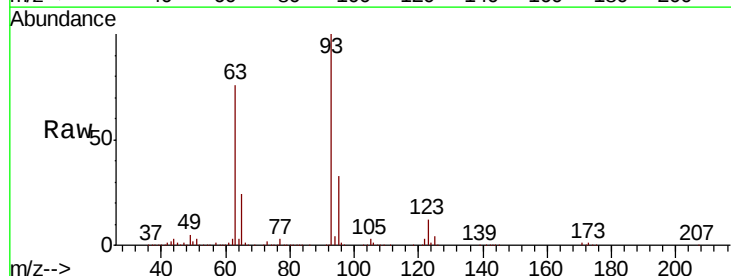
Manual Integrations
APPROVED

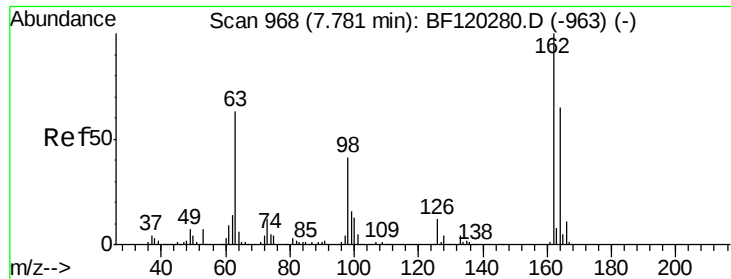
mohammad
5/18/2020 1:32:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.295 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.5	9.2	13.8





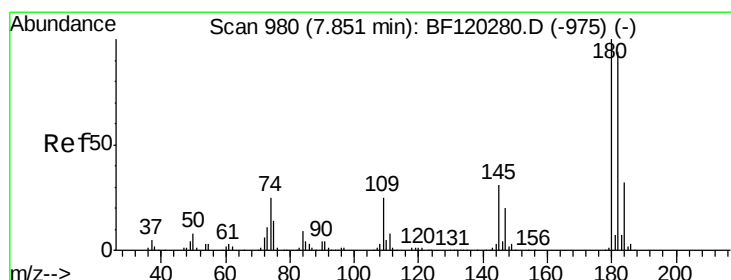
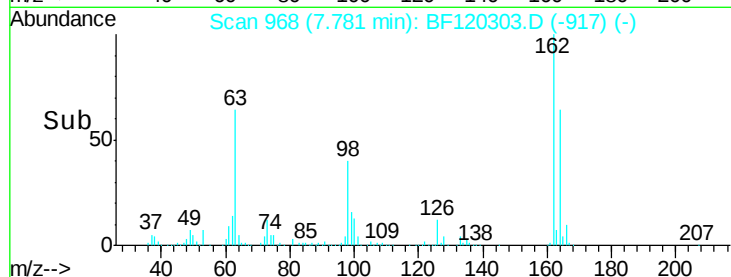
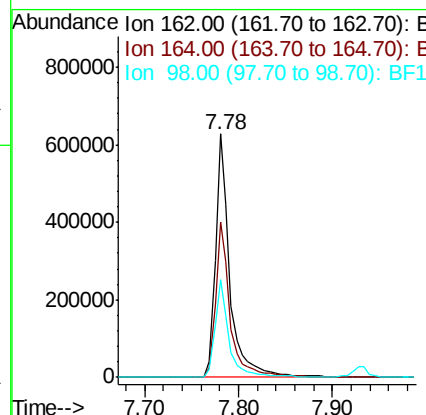
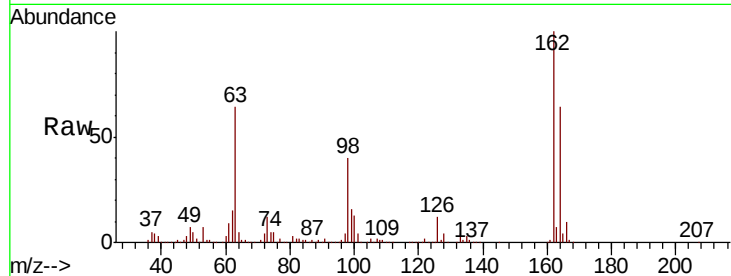
#29
2,4-Dichlorophenol
Concen: 35.998 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		685251		
164	63.6	44.9	84.9		
98	40.0	20.7	60.7		

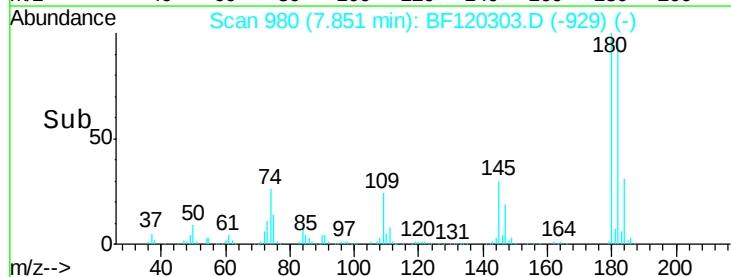
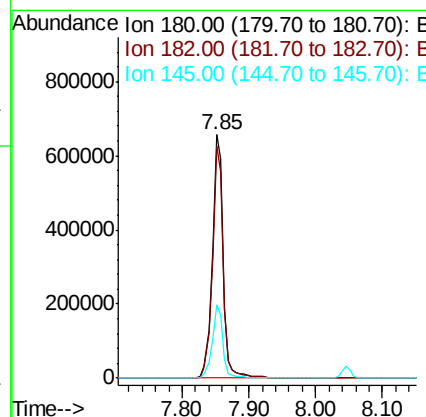
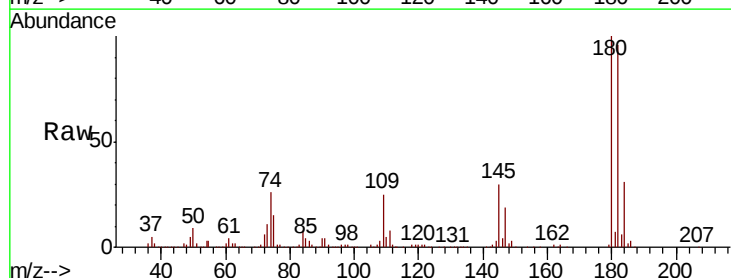
Manual Integrations
APPROVED

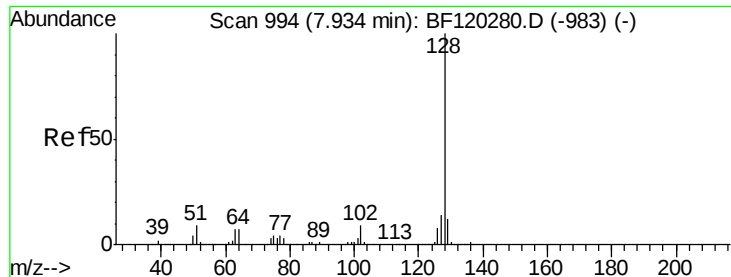
mohammad
5/18/2020 1:32:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.330 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		745253		
182	95.6	75.3	112.9		
145	30.0	24.9	37.3		





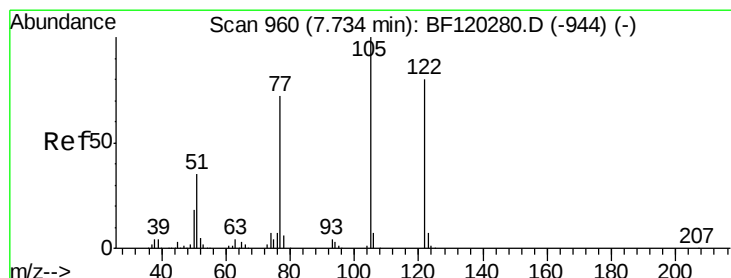
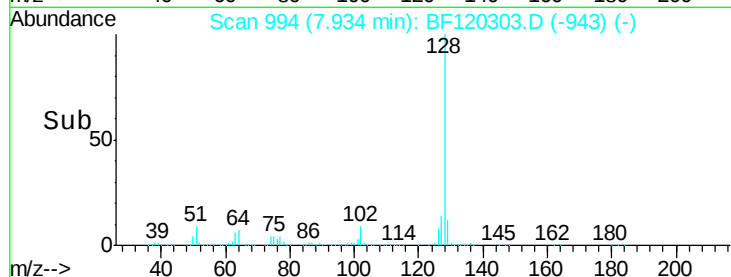
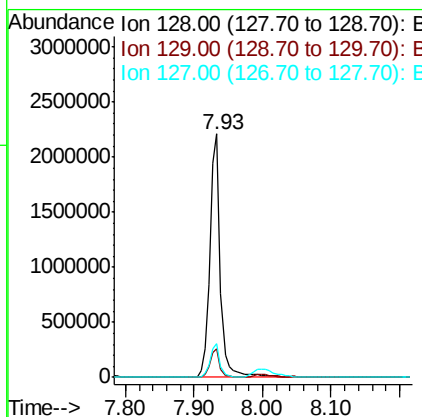
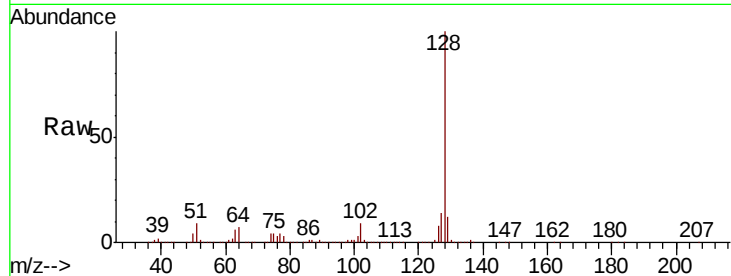
#31
Naphthalene
Concen: 36.517 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.7	11.2	16.8

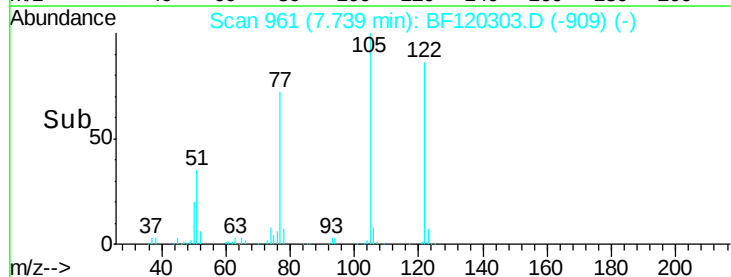
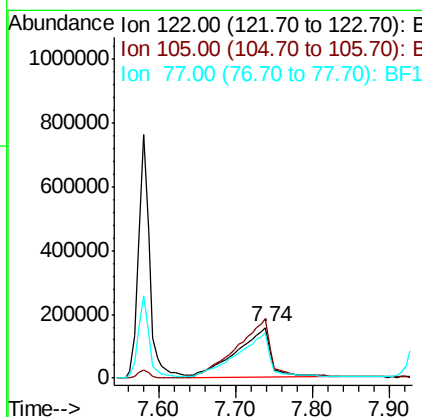
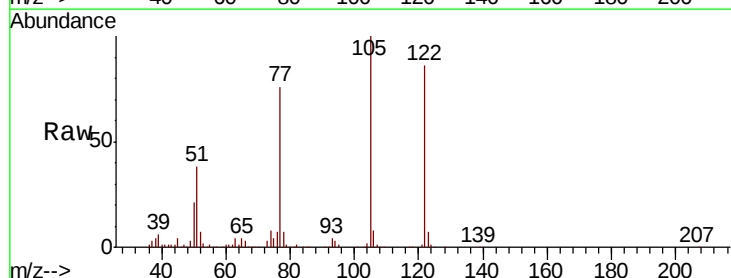
Manual Integrations
APPROVED

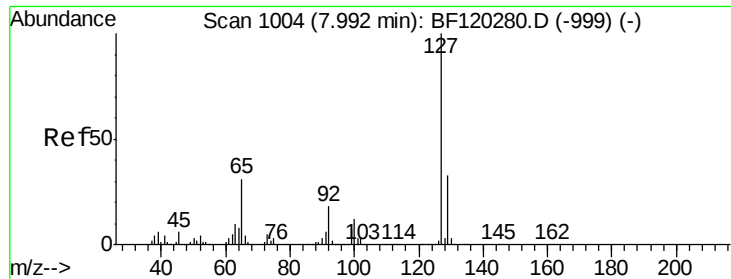
mohammad
5/18/2020 1:32:08 PM



#32
Benzoic acid
Concen: 39.808 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	98.1	138.1
77	88.8	66.7	106.7





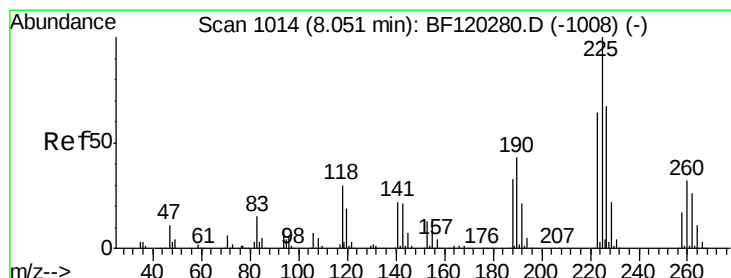
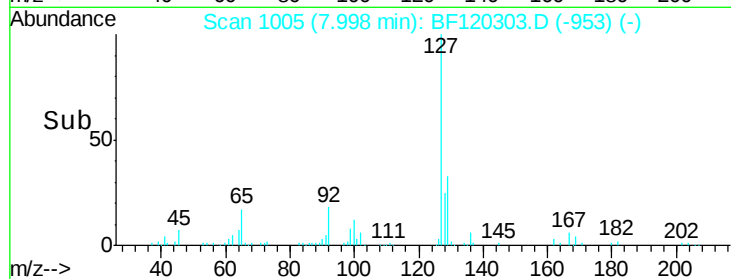
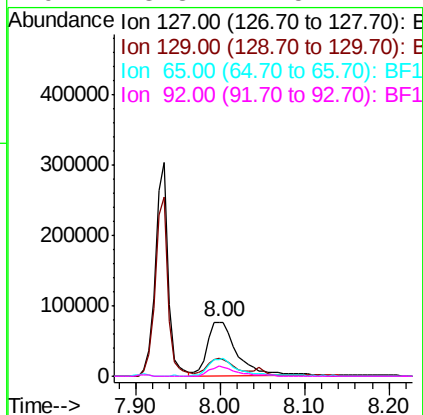
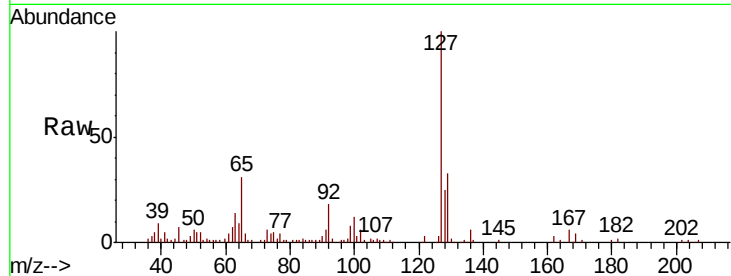
#33
4-Chloroaniline
Concen: 6.405 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		190917		
129	33.0	26.4	39.6		
65	30.7	24.8	37.2		
92	18.3	14.5	21.7		

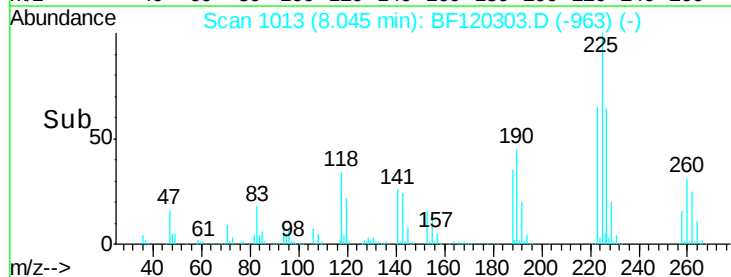
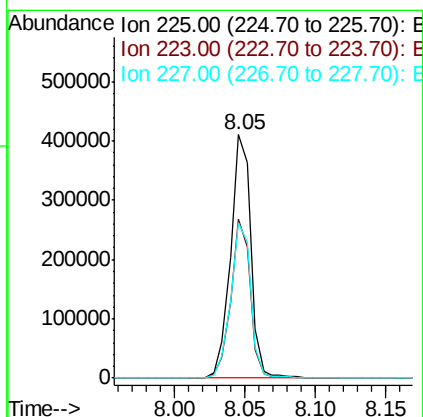
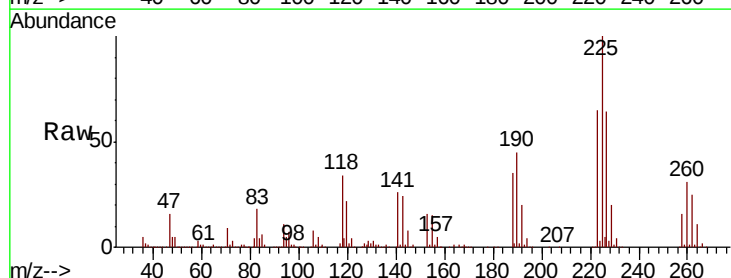
Manual Integrations
APPROVED

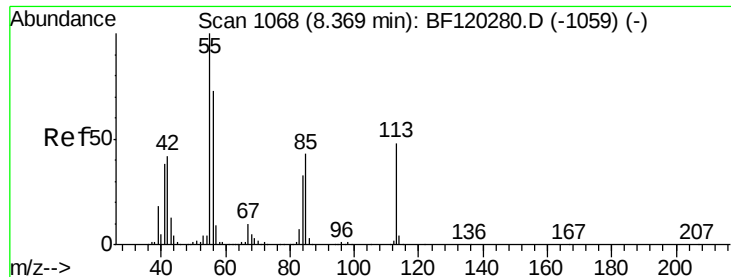
mohammad
5/18/2020 1:32:08 PM



#34
Hexachlorobutadiene
Concen: 33.699 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		410879		
223	65.5	51.4	77.0		
227	63.6	54.0	81.0		





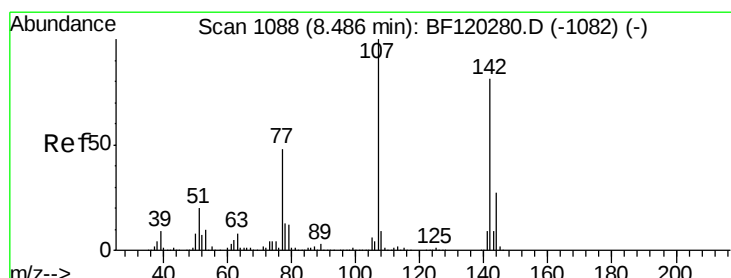
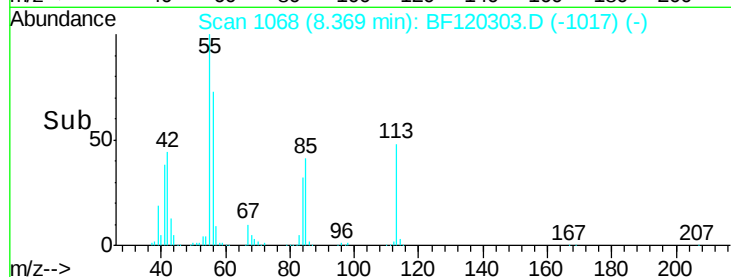
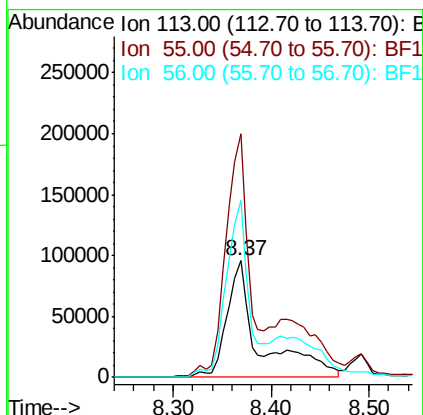
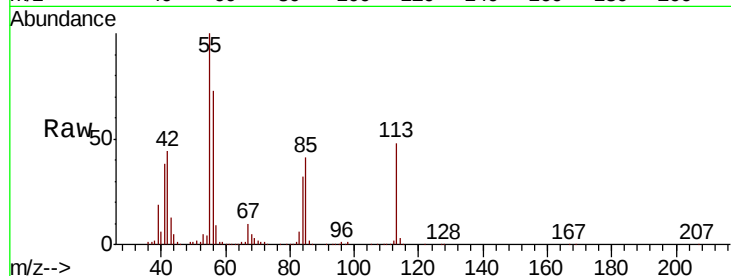
#35
Caprolactam
Concen: 35.884 ng/ml
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	208.7	190.4	230.4	
56	151.5	132.7	172.7	

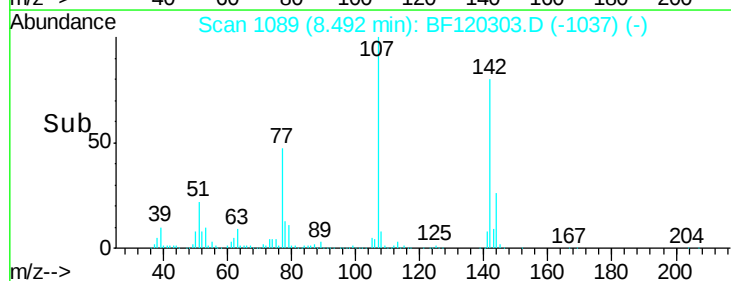
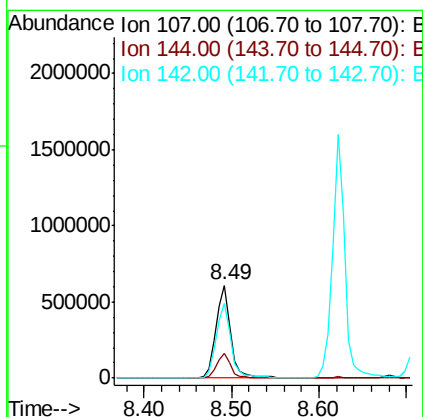
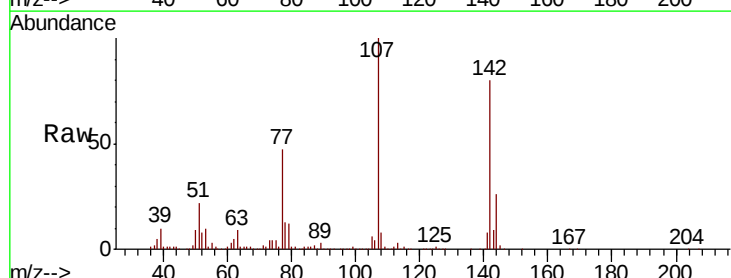
Manual Integrations
APPROVED

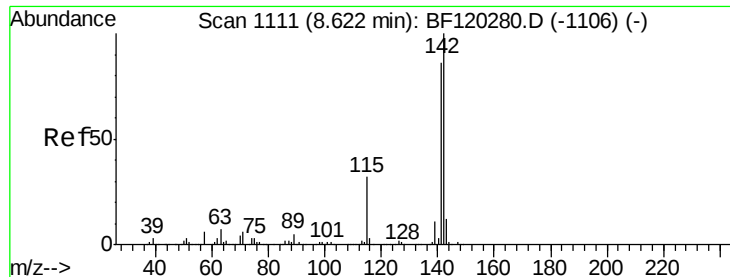
mohammad
5/18/2020 1:32:08 PM



#36
4-Chloro-3-methylphenol
Concen: 35.112 ng/ml
RT: 8.49 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.2	21.4	32.2	
142	80.2	65.1	97.7	





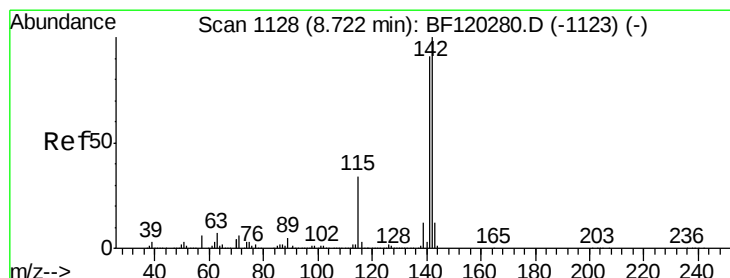
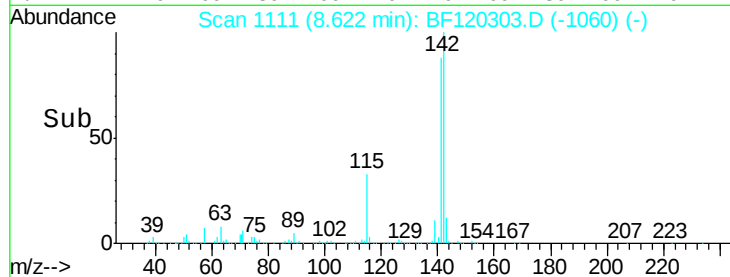
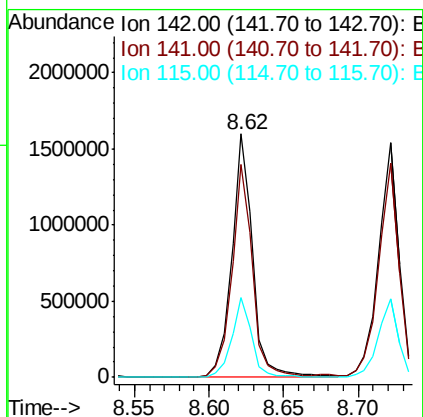
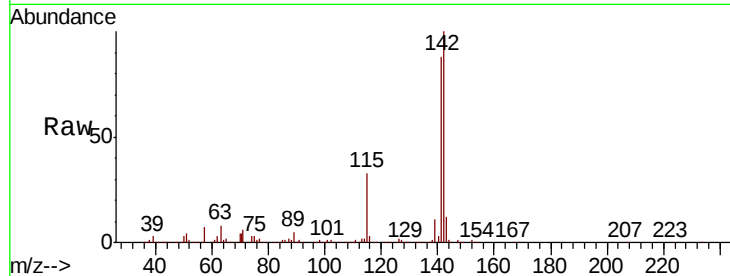
#37
2-Methylnaphthalene
Concen: 34.963 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.8	103.2
115	32.7	25.7	38.5

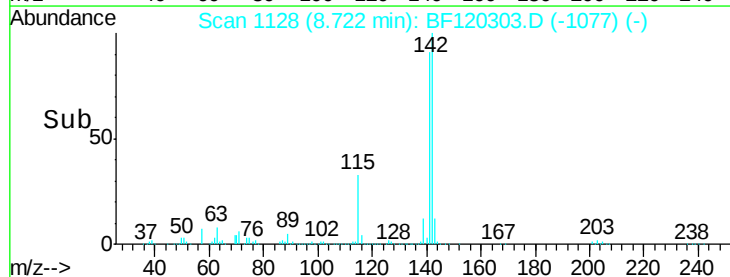
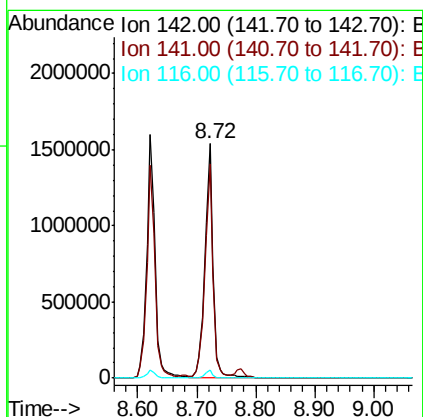
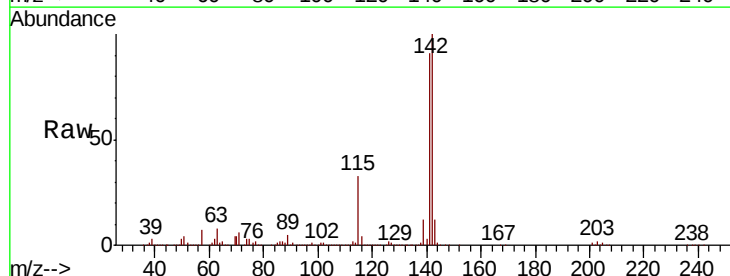
Manual Integrations
APPROVED

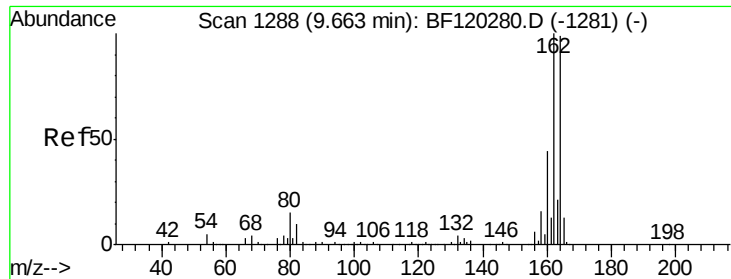
mohammad
5/18/2020 1:32:08 PM



#38
1-Methylnaphthalene
Concen: 34.643 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
116	3.5	2.7	4.1





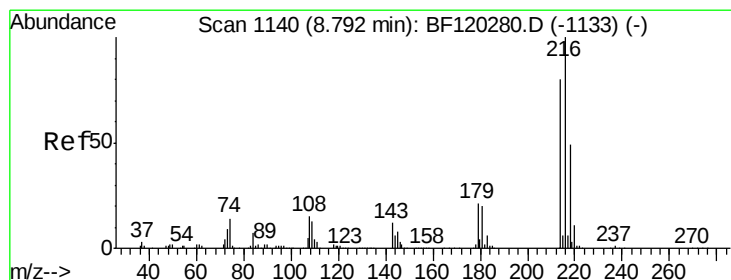
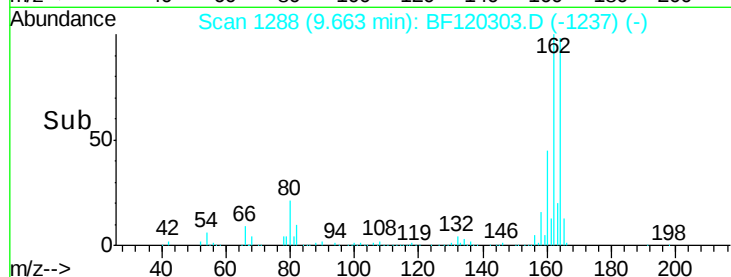
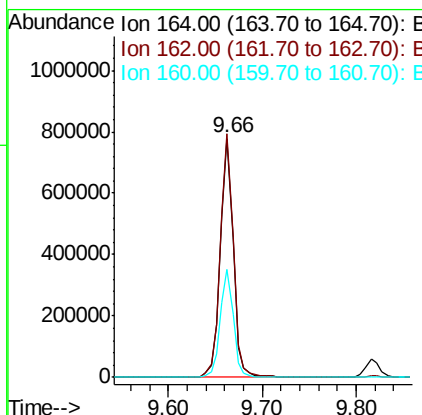
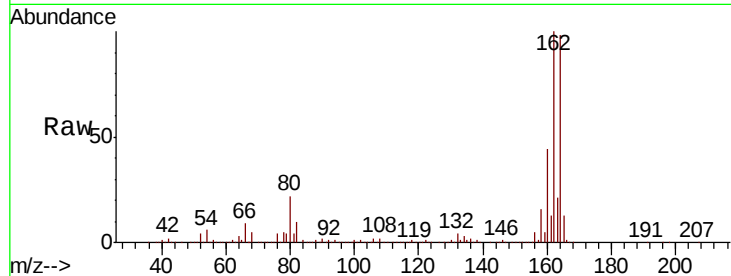
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.2	121.8
160	45.4	35.8	53.6

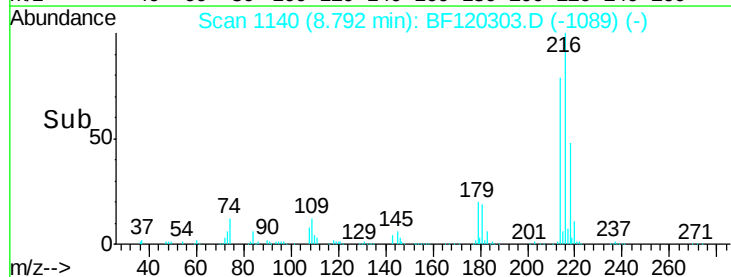
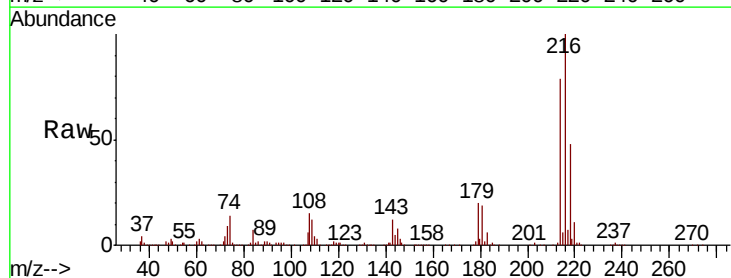
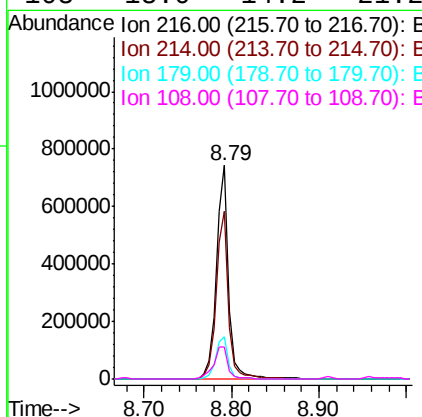
Manual Integrations
APPROVED

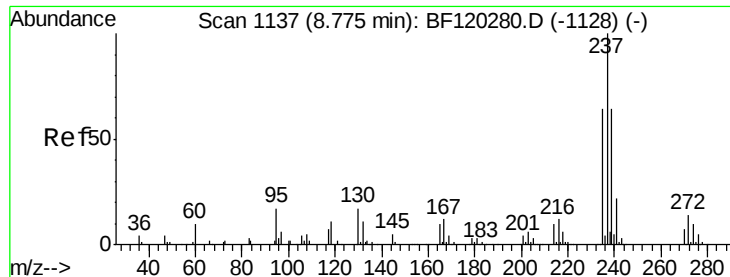
mohammad
5/18/2020 1:32:08 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.503 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.0	96.0
179	20.7	16.9	25.3
108	18.0	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 52.106 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

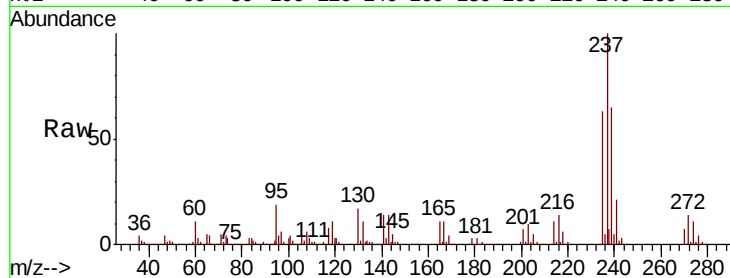
ClientSampleId :

ROLL-OFF-P72-11933MS

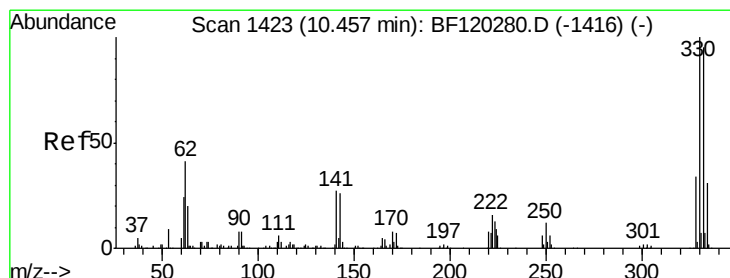
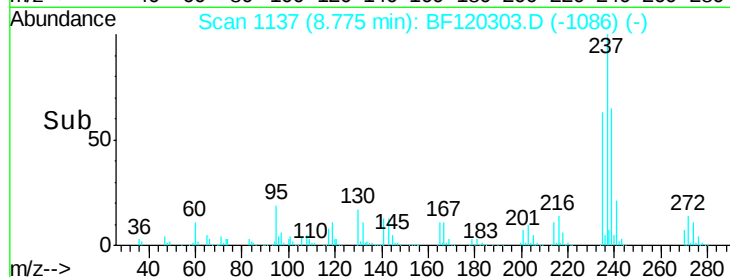
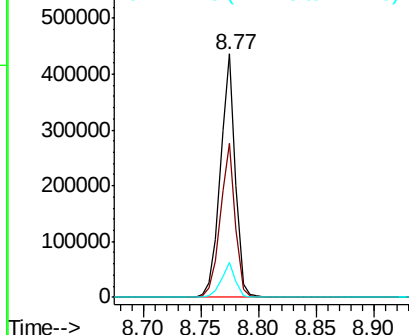
Tot Ion:	237	Resp:	391309
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.8	83.8
272	14.2	0.0	33.9

Manual Integrations
APPROVED

mohammad
5/18/2020 1:32:08 PM



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



#42

2,4,6-Tribromophenol

Concen: 96.524 ng

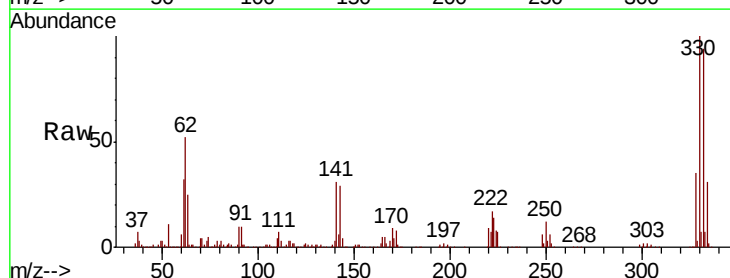
RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

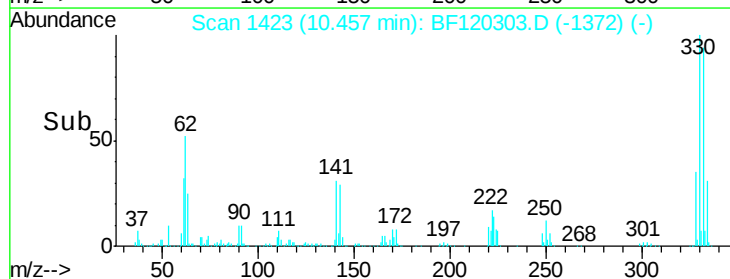
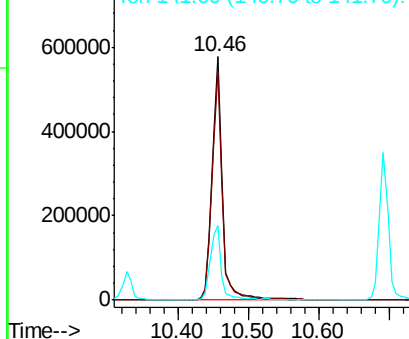
Lab File: BF120303.D

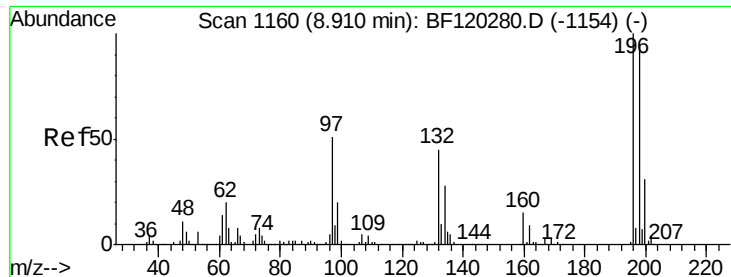
Acq: 14 May 2020 21:01

Tgt Ion:	330	Resp:	597081
Ion Ratio	Lower	Upper	
330	100		
332	93.3	76.5	114.7
141	31.5	25.4	38.0



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





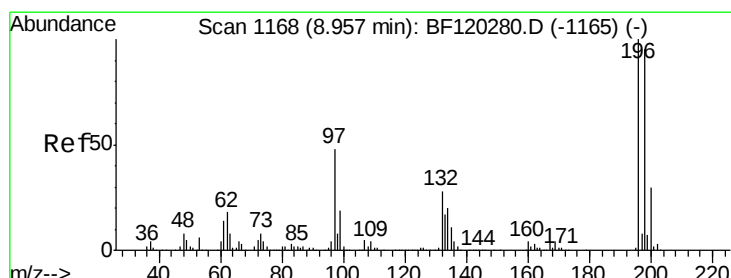
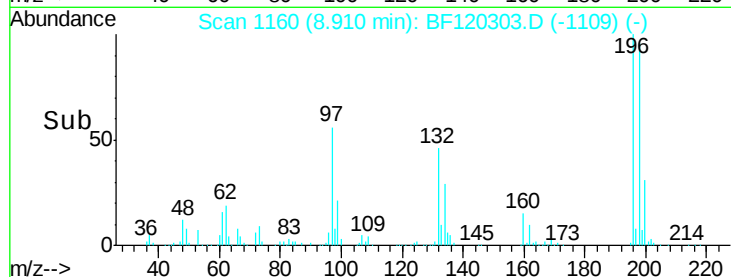
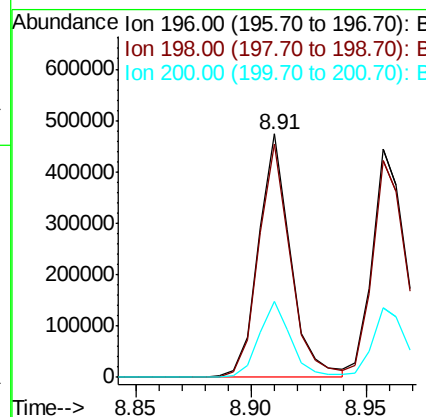
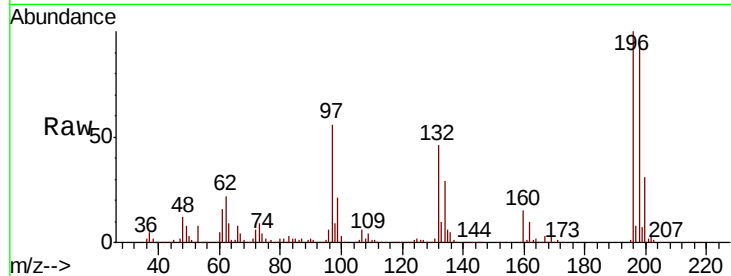
#43
 2,4,6-Trichlorophenol
 Concen: 35.891 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion:	196	Resp:	460884
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.2	114.4
200	31.0	24.9	37.3

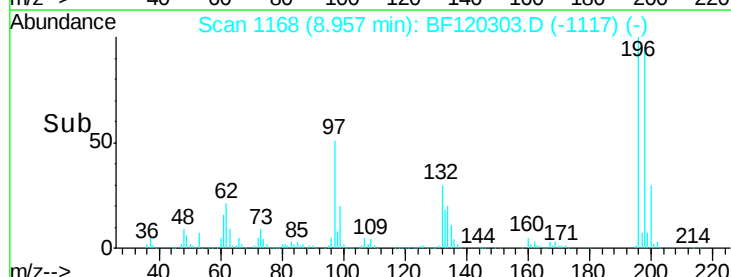
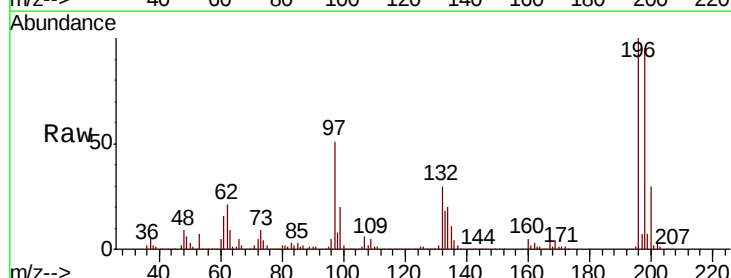
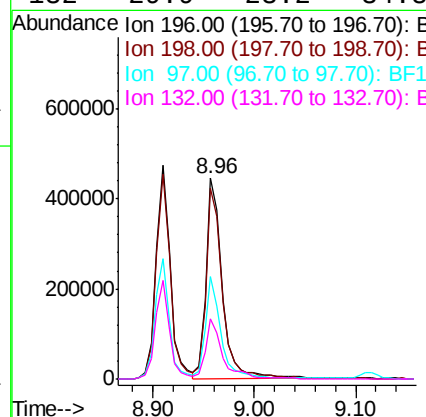
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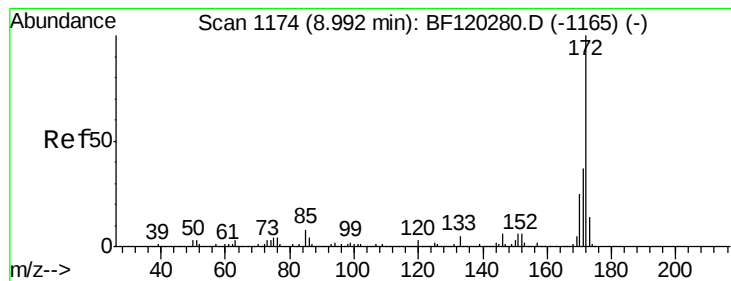
mohammad
 5/18/2020 1:32:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 33.483 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion:	196	Resp:	493777
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
97	51.2	38.6	57.8
132	29.9	23.2	34.8





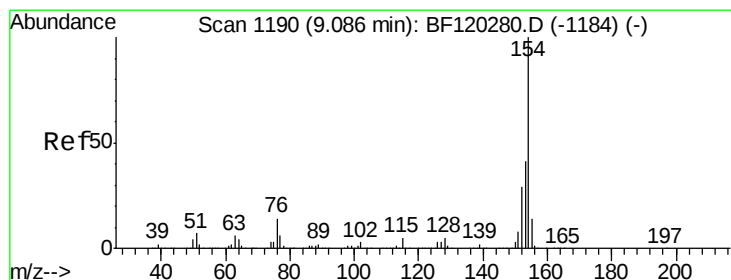
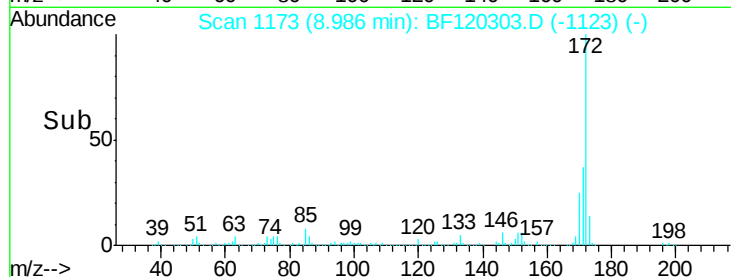
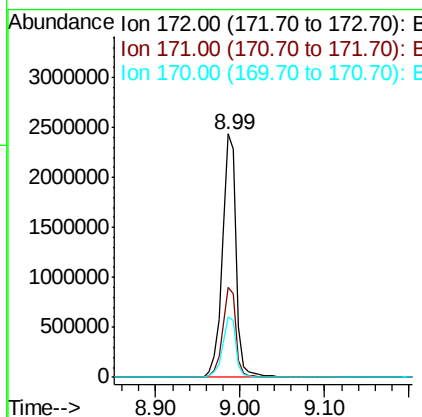
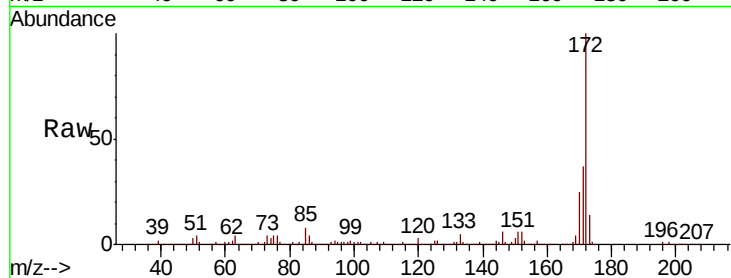
#45
2-Fluorobiphenyl
Concen: 74.821 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.9	29.9

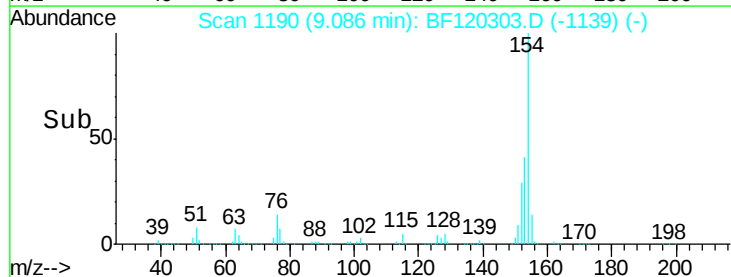
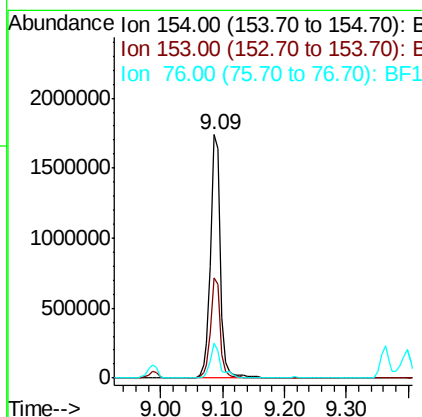
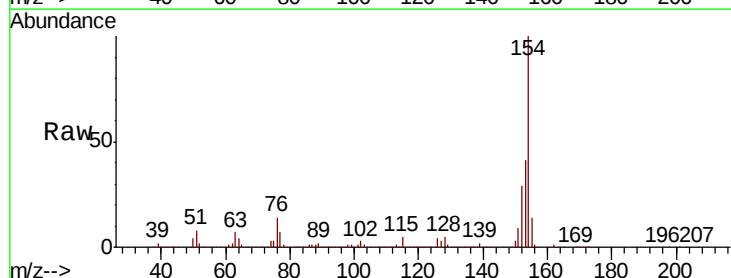
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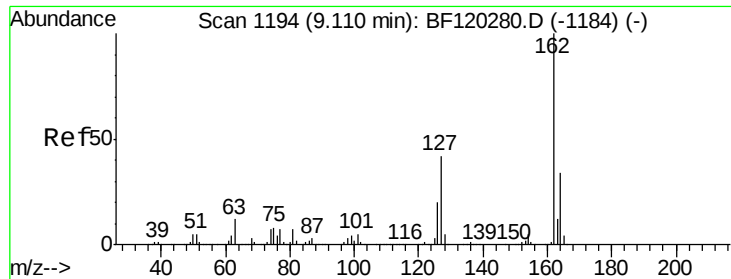
mohammad
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#46
1,1'-Biphenyl
Concen: 37.847 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	14.3	0.0	34.3





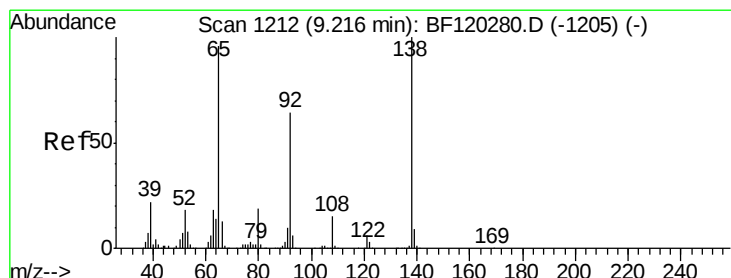
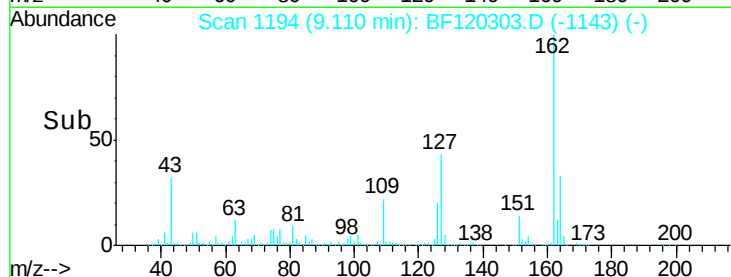
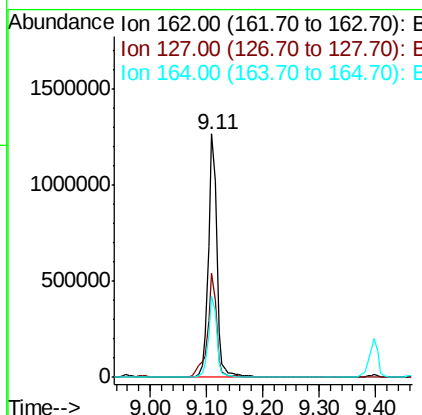
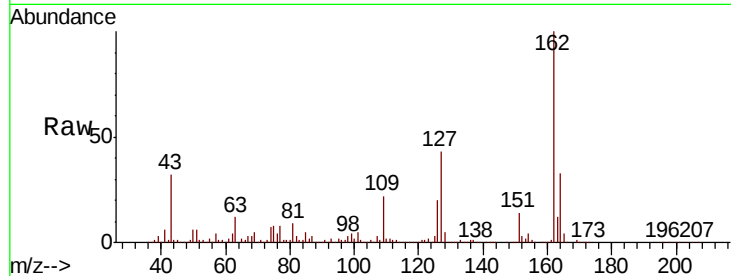
#47
 2-Chloronaphthalene
 Concen: 33.323 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.4	50.0
164	33.3	27.0	40.6

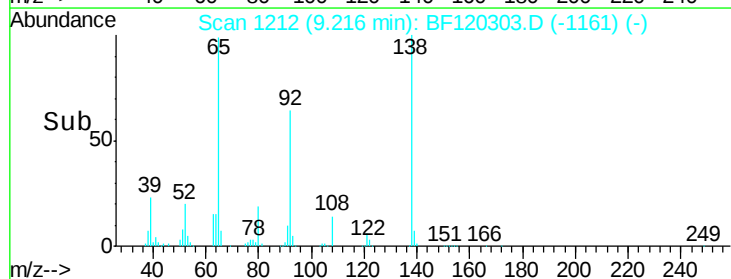
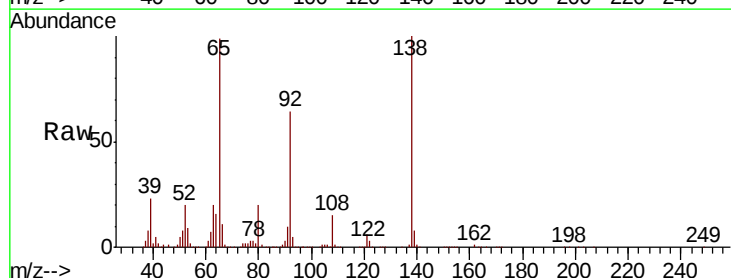
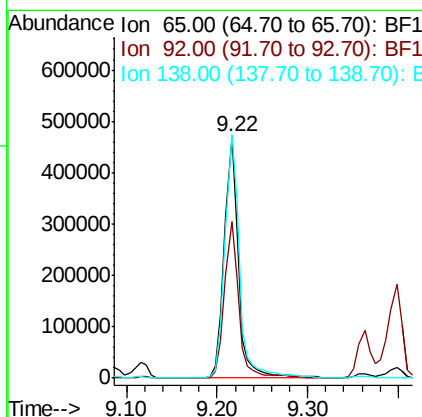
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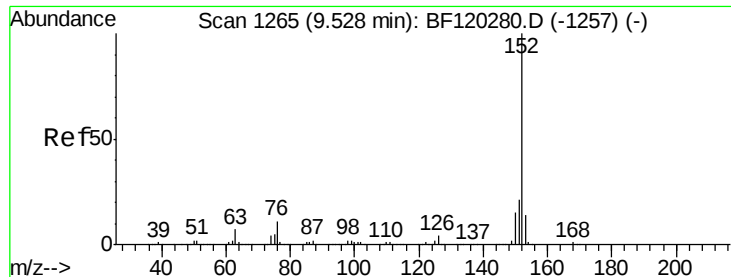
mohammad
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#48
 2-Nitroaniline
 Concen: 34.601 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.9	79.3
138	100.8	83.0	124.4





#49

Acenaphthylene

Concen: 35.882 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:152 Resp: 2185577

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

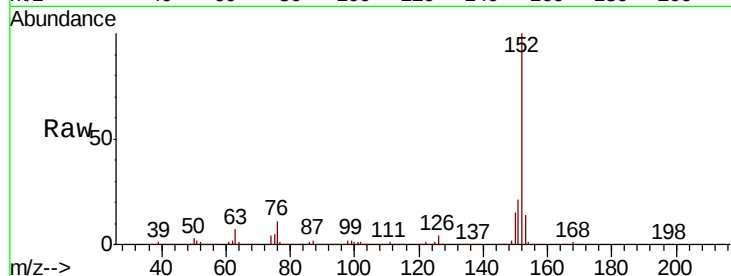
153 13.5 11.1 16.7

Manual Integrations

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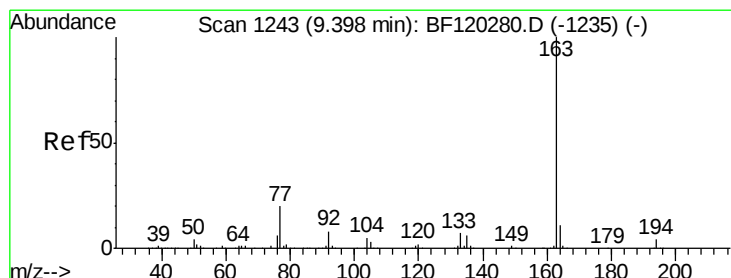
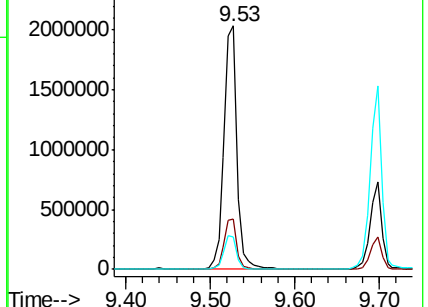
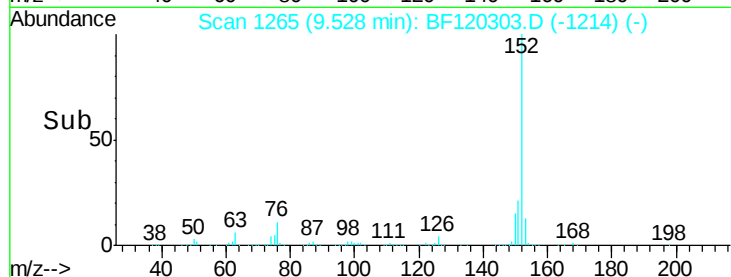
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.816 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

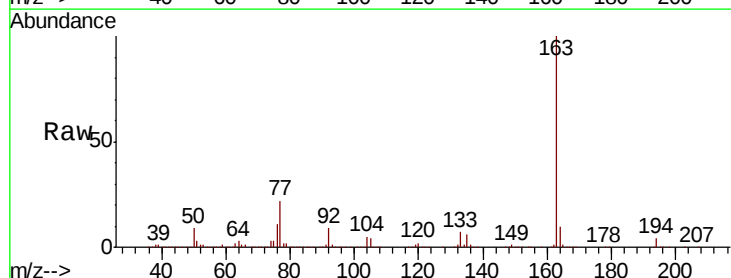
Tgt Ion:163 Resp: 2197315

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

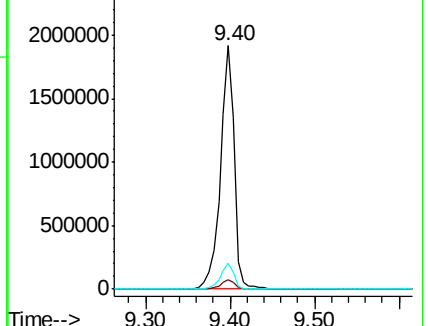
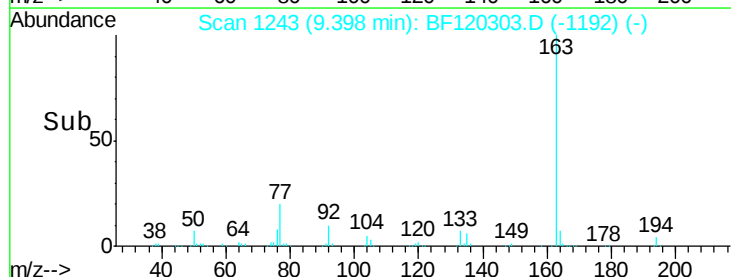
164 10.5 8.6 12.8

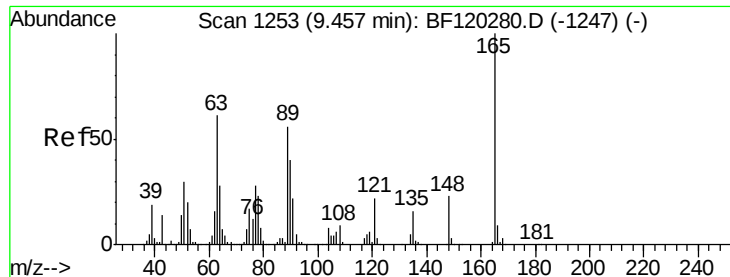


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.773 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:165 Resp: 372210

Ion Ratio Lower Upper

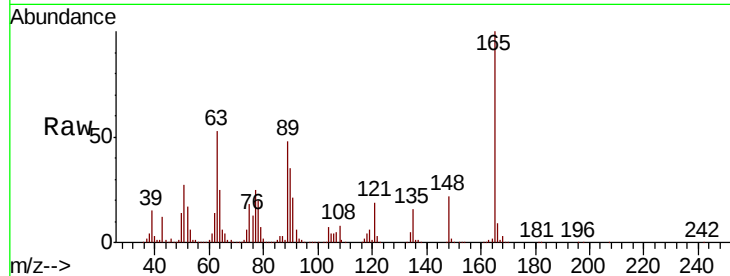
165 100

63 53.4 50.2 75.2

89 47.9 44.6 66.8

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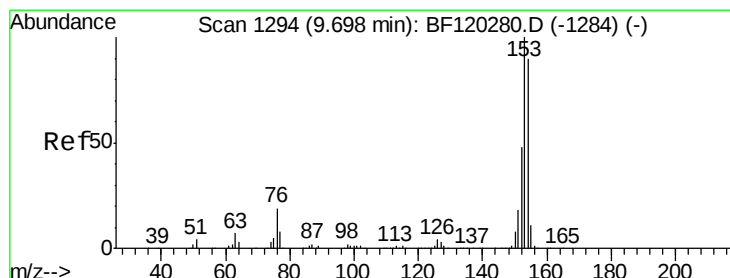
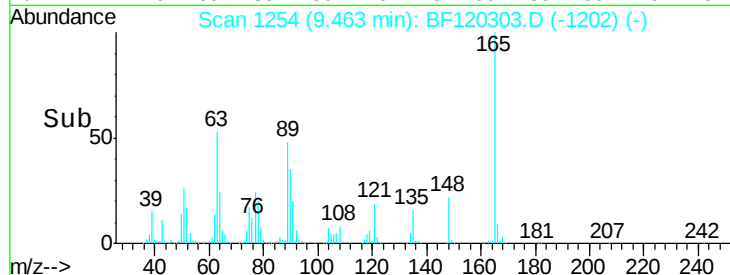
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.46

Time-->



#52

Acenaphthene

Concen: 35.354 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

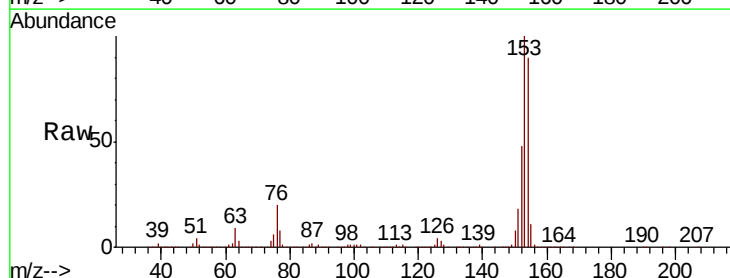
Tgt Ion:154 Resp: 1290751

Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.4

152 53.4 42.6 64.0



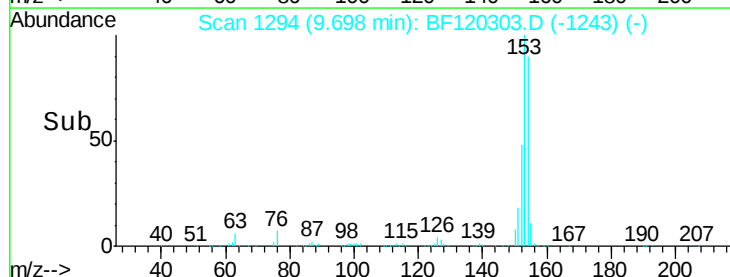
Abundance Ion 154.00 (153.70 to 154.70): E

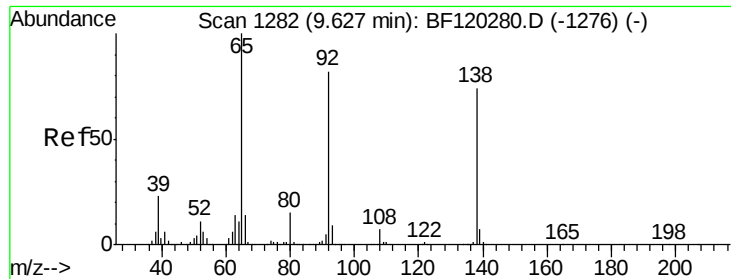
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

9.70

Time-->





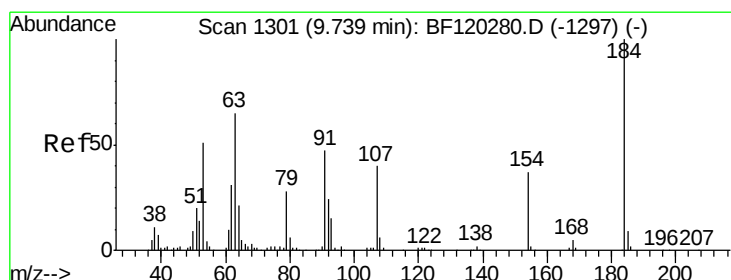
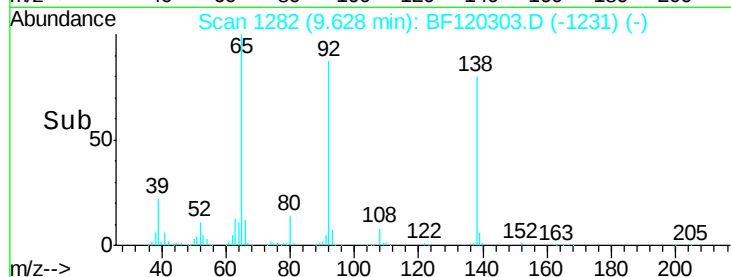
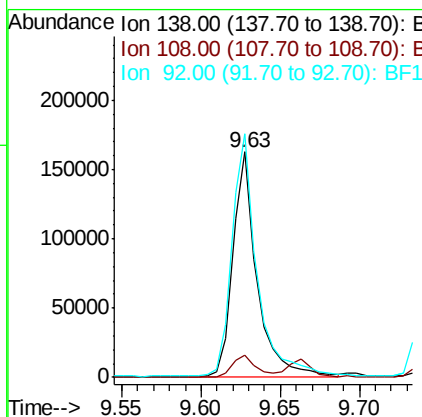
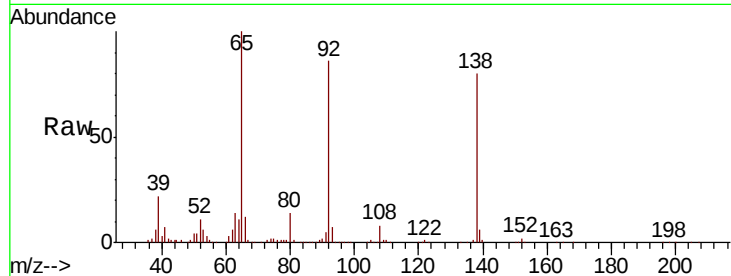
#53
3-Nitroaniline
Concen: 13.554 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	173010		
108	9.6	8.2	12.2	
92	108.1	89.6	134.4	

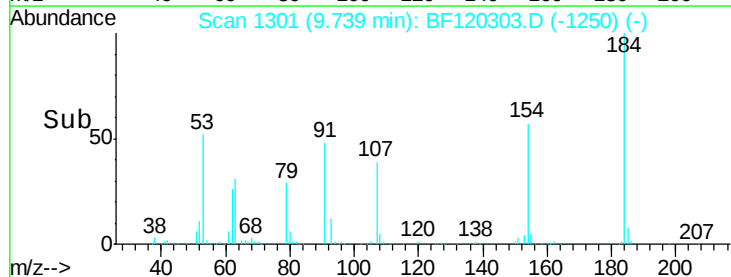
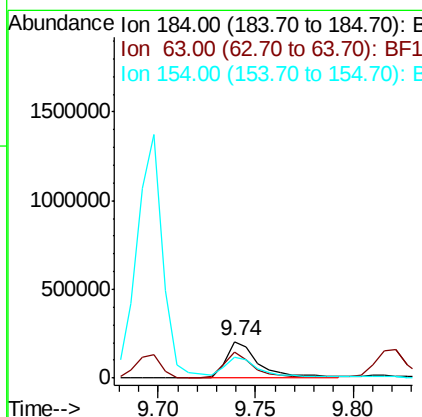
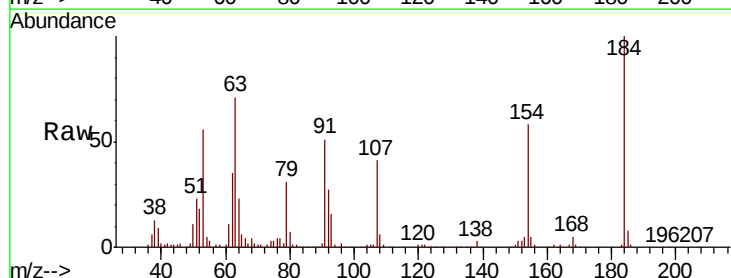
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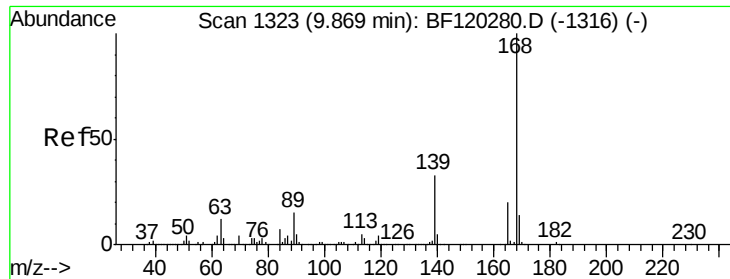
mohammad
5/18/2020 1:32:08 PM



#54
2,4-Dinitrophenol
Concen: 48.378 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	244436		
63	71.2	53.6	80.4	
154	57.7	46.8	70.2	





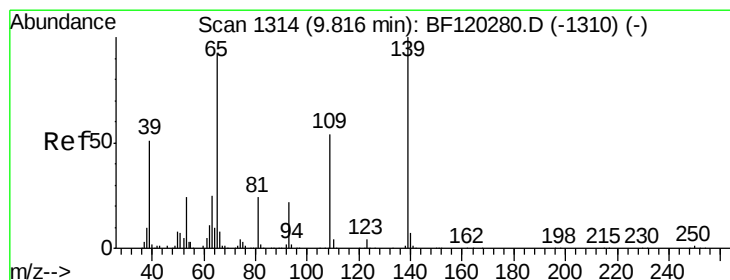
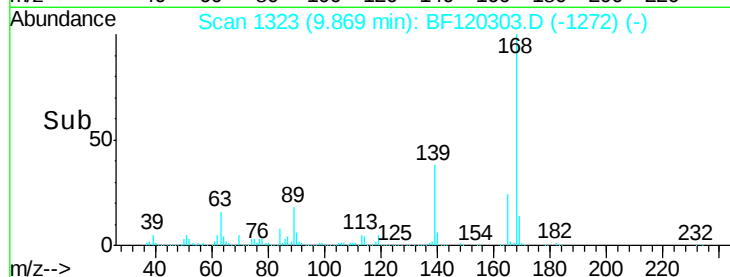
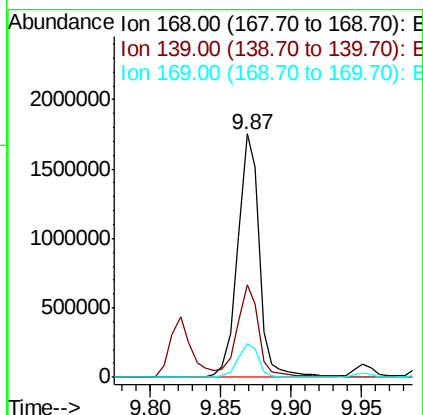
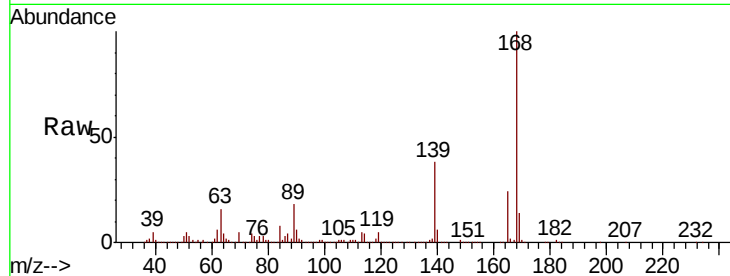
#55
Dibenzofuran
Concen: 35.539 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.8	44.6
169	13.9	11.0	16.6

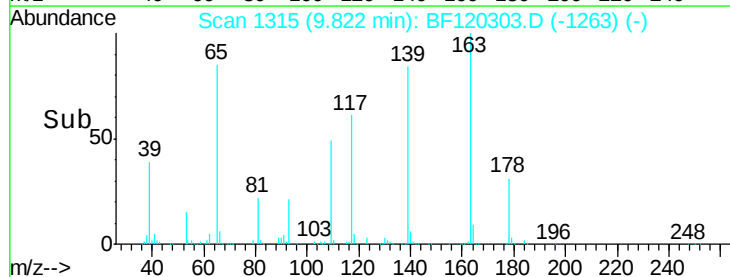
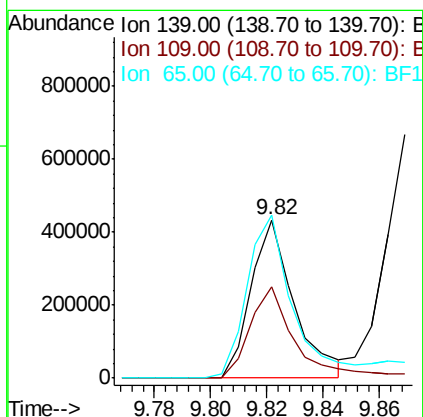
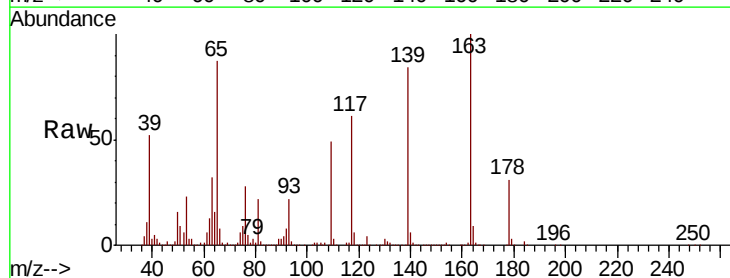
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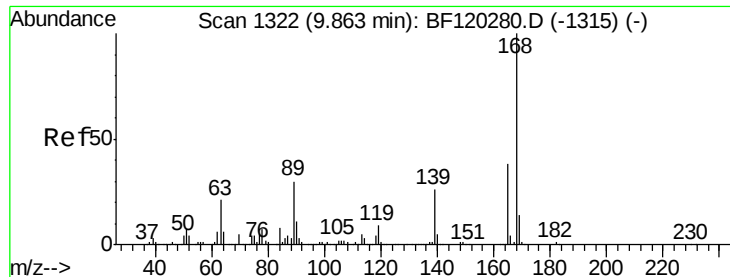
mohammad
5/18/2020 1:32:08 PM



#56
4-Nitrophenol
Concen: 66.940 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.2	34.6	74.6
65	103.4	73.3	113.3





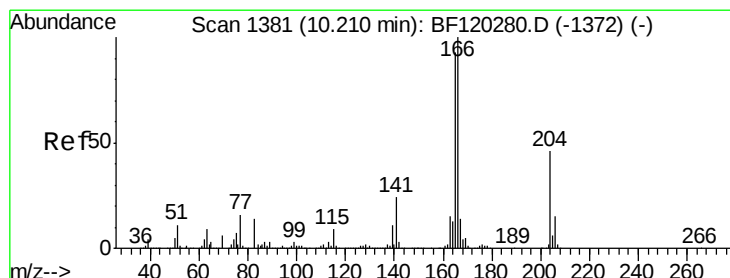
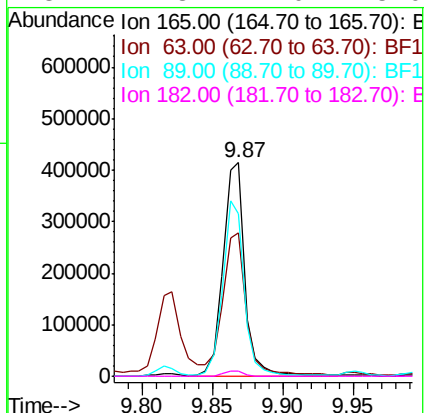
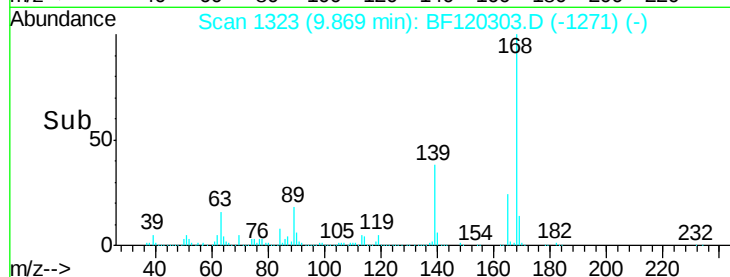
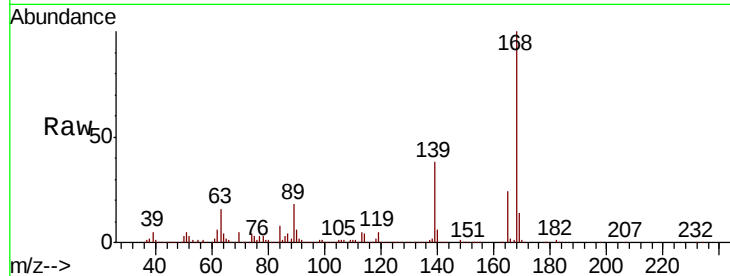
#57
2,4-Dinitrotoluene
Concen: 35.114 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	440898		
63	66.9	51.8	77.8	
89	76.4	64.2	96.4	
182	2.3	2.0	3.0	

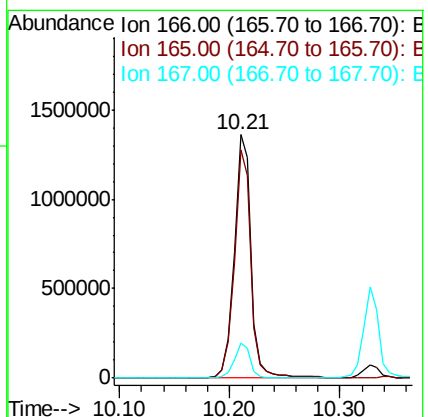
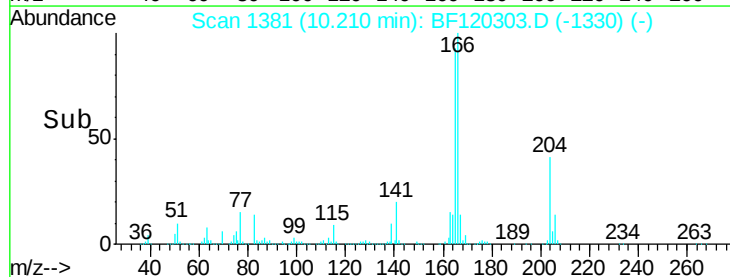
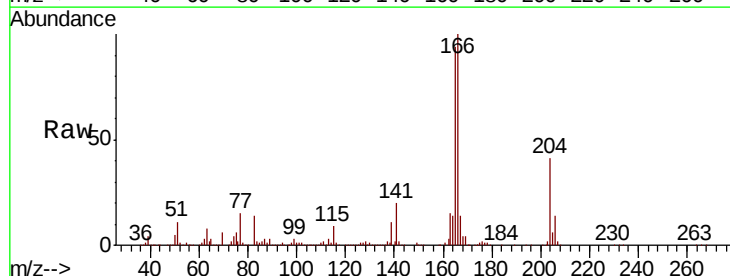
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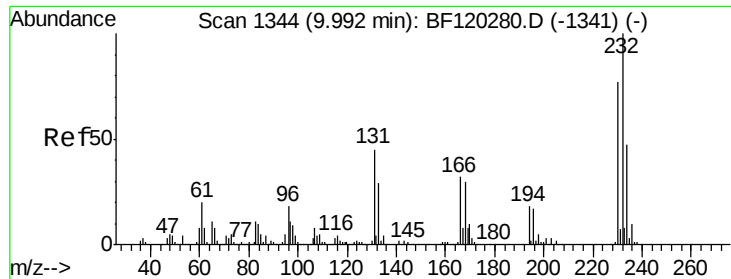
mohammad
5/18/2020 1:32:08 PM



#58
Fluorene
Concen: 36.048 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1443390		
165	93.5	74.7	112.1	
167	14.2	11.4	17.0	





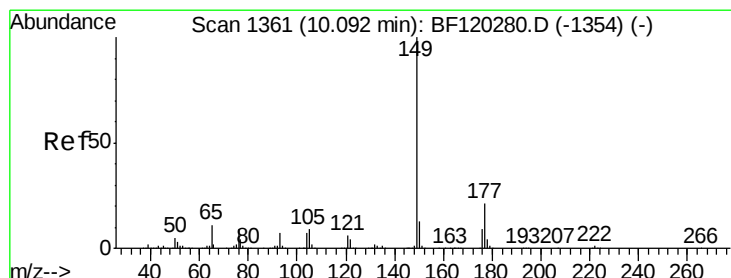
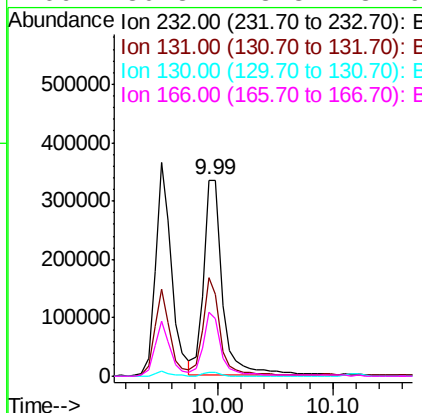
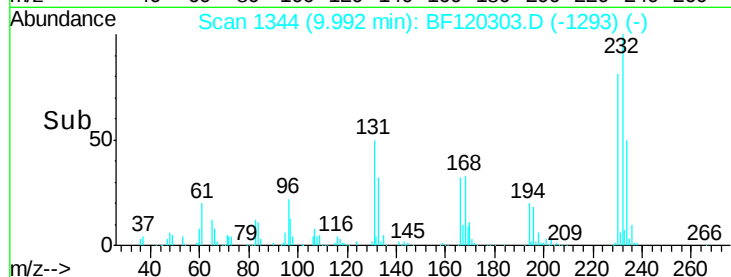
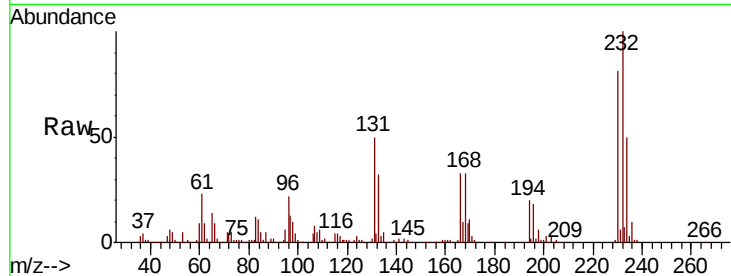
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.684 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	384927		
131	45.1		34.1	51.1
130	2.1		1.7	2.5
166	30.3		23.3	34.9

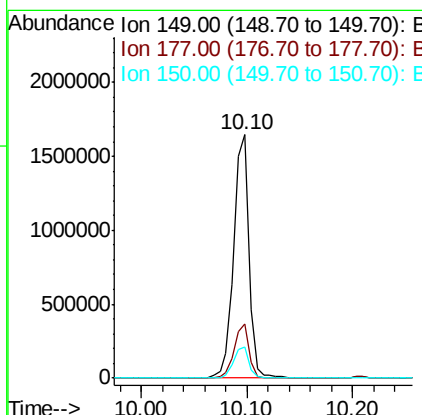
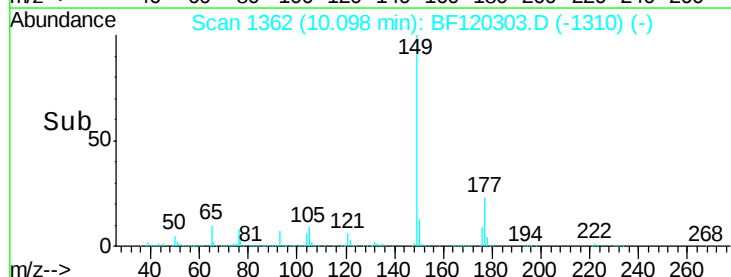
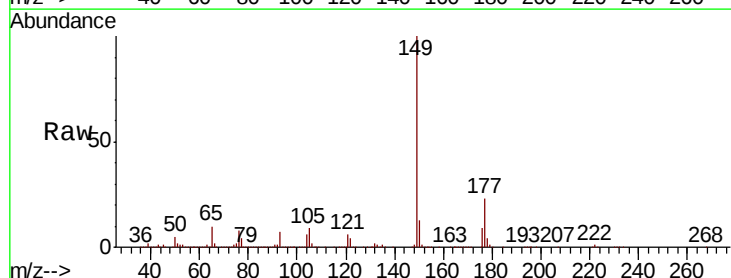
Manual Integrations
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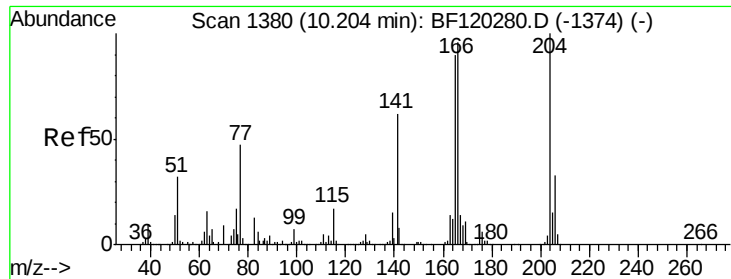
mohammad
 5/18/2020 1:32:08 PM



#60
 Diethylphthalate
 Concen: 35.296 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1634251		
177	22.5		17.1	25.7
150	12.8		10.3	15.5





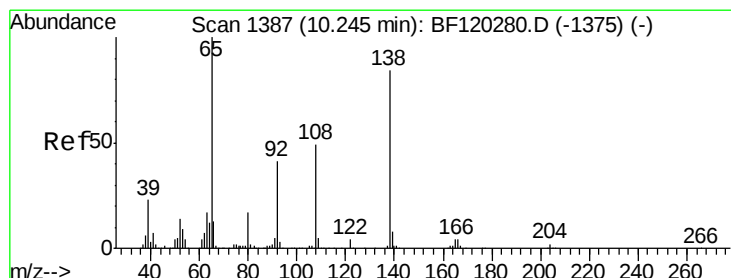
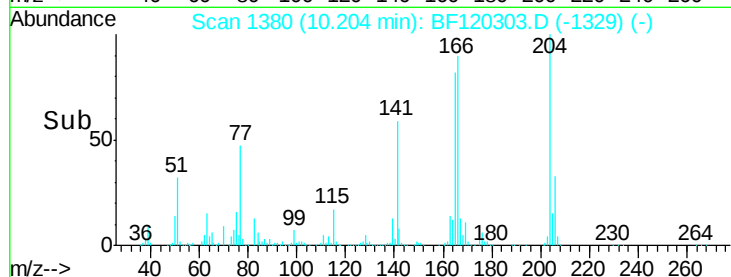
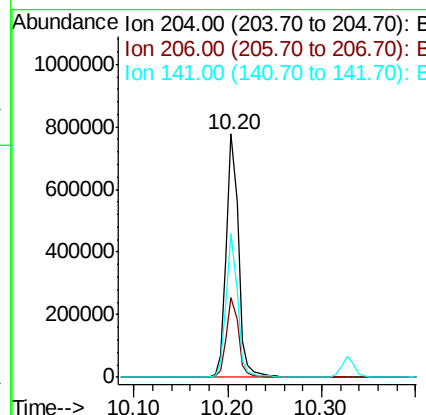
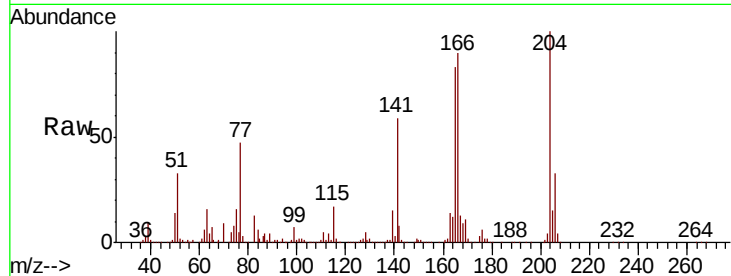
#61
4-Chlorophenyl-phenylether
Concen: 34.323 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.8	40.2
141	58.9	49.5	74.3

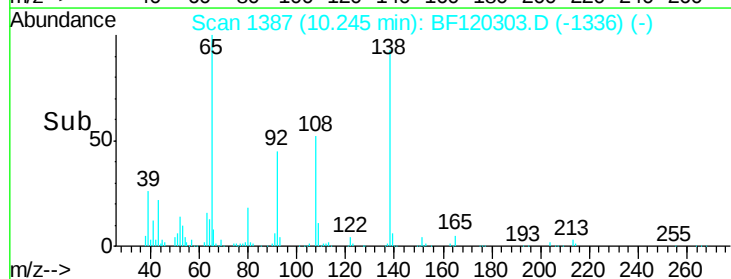
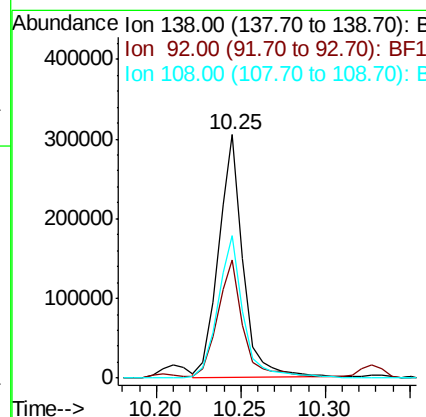
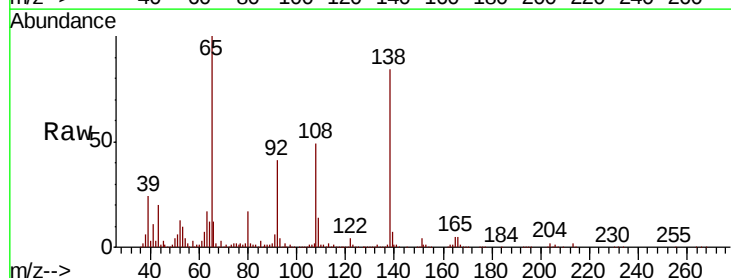
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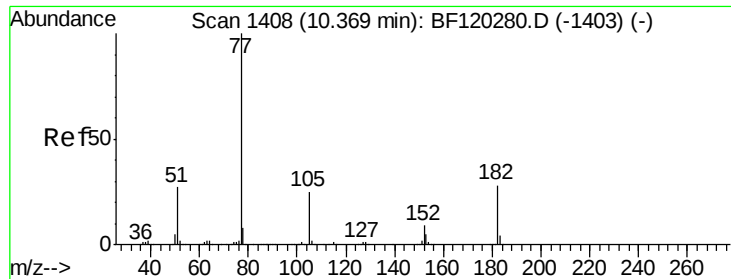
mohammad
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#62
4-Nitroaniline
Concen: 25.939 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.9	68.9
108	58.3	38.4	78.4





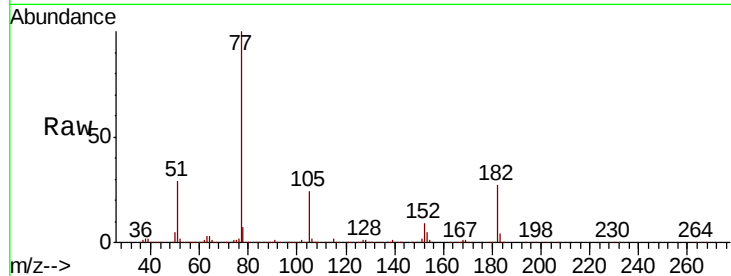
#63
Azobenzene
Concen: 36.199 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

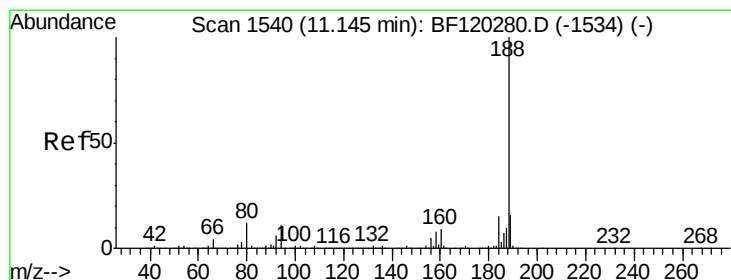
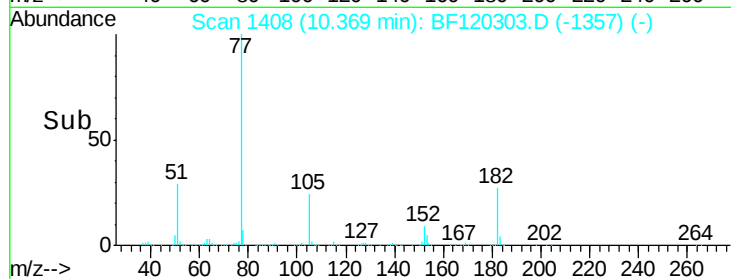
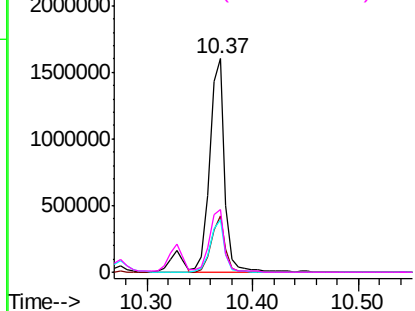
Tot Ion: 77	Resp: 1584047
Ion Ratio	Lower Upper
77 100	
182 26.5	7.4 47.4
105 24.4	4.4 44.4
51 29.1	8.3 48.3

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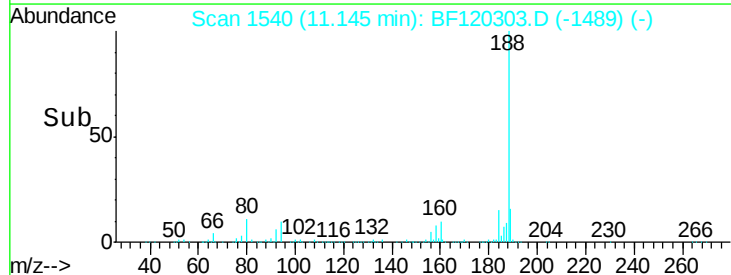
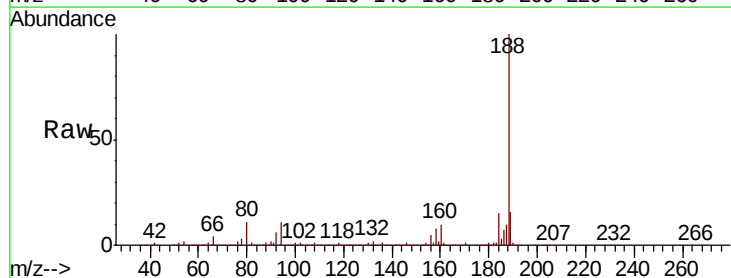
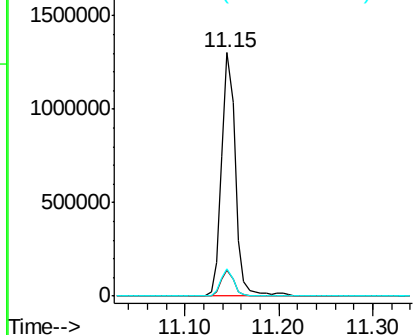
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

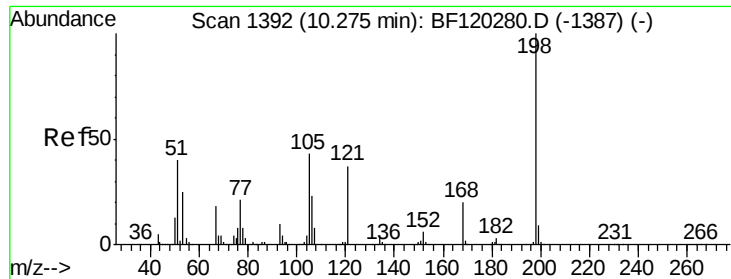


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	188	Resp: 1347757	
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	11.5	9.2	13.8

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





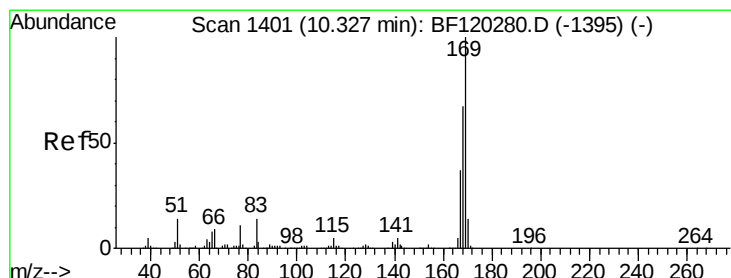
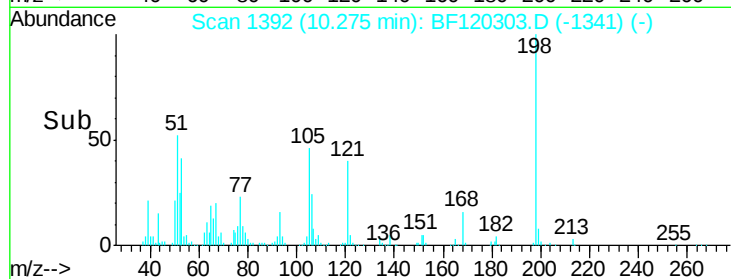
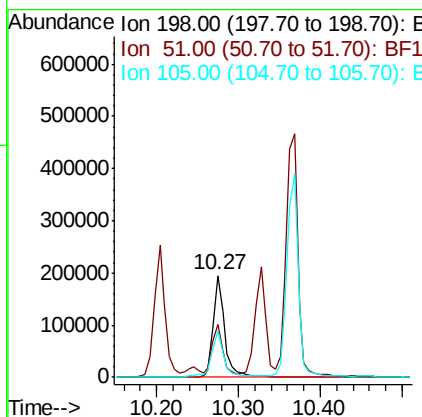
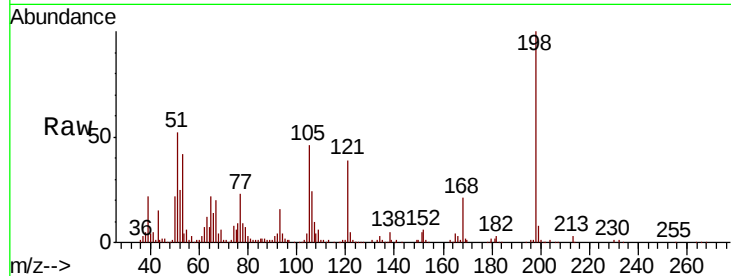
#65
4,6-Dinitro-2-methylphenol
Concen: 28.760 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.6	27.1	67.1
105	46.0	24.3	64.3

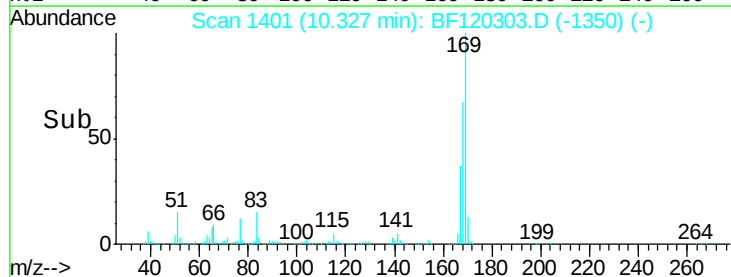
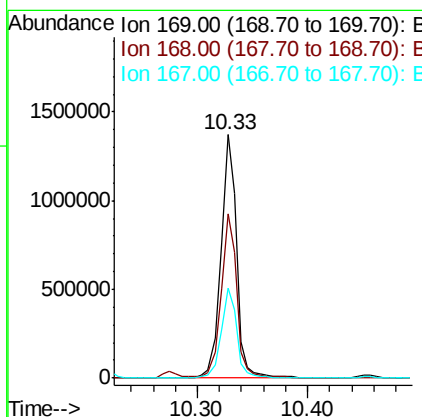
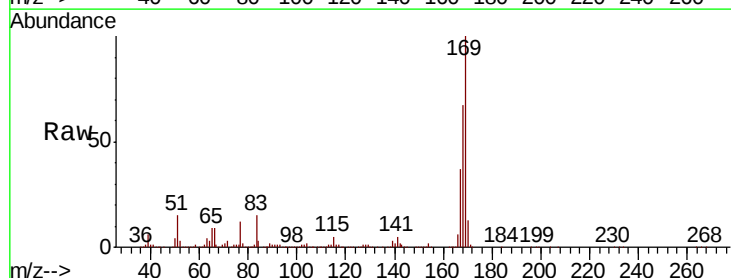
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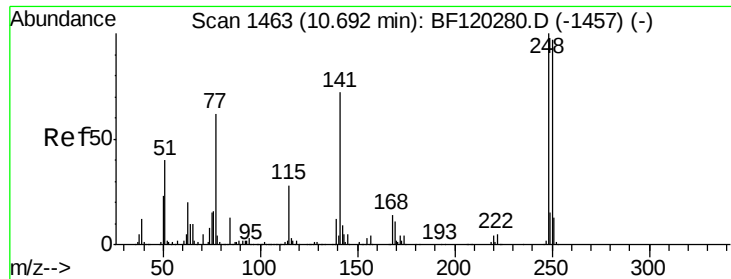
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.278 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.1	29.8	44.6





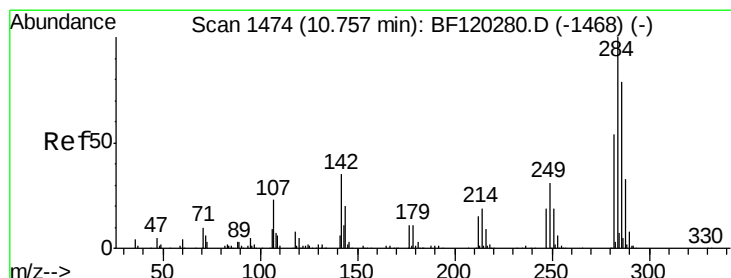
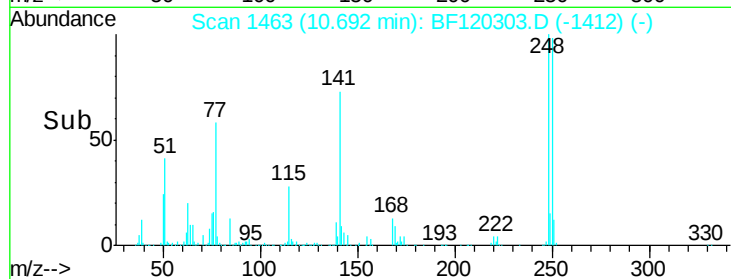
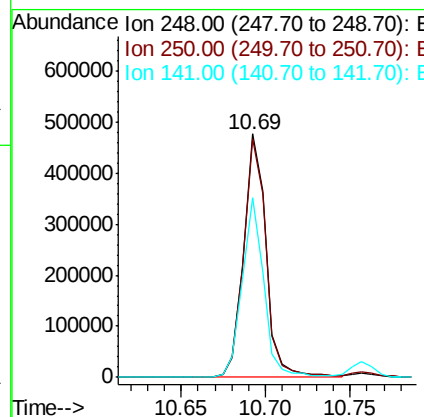
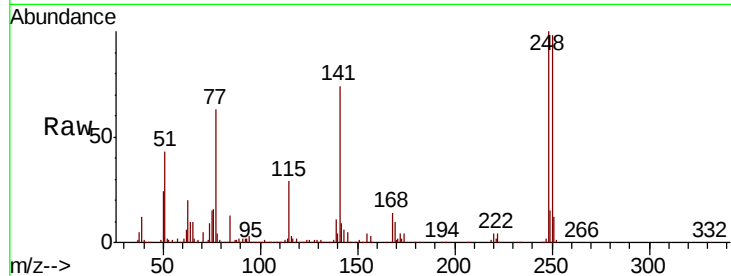
#67
4-Bromophenyl-phenylether
Concen: 33.812 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.6
141	73.6	57.7	86.5

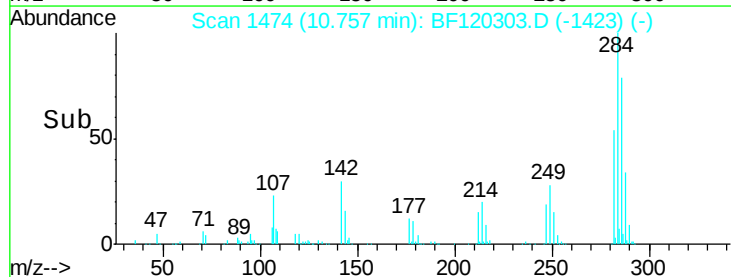
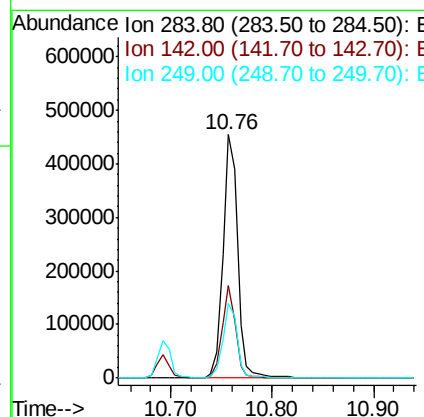
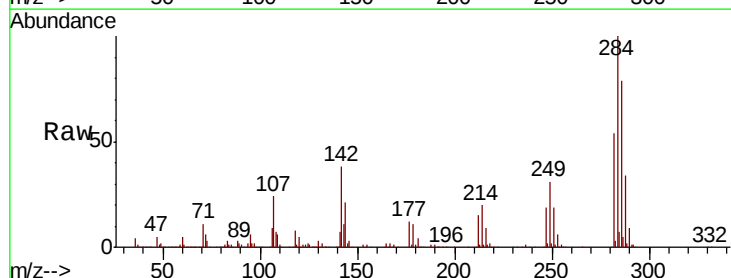
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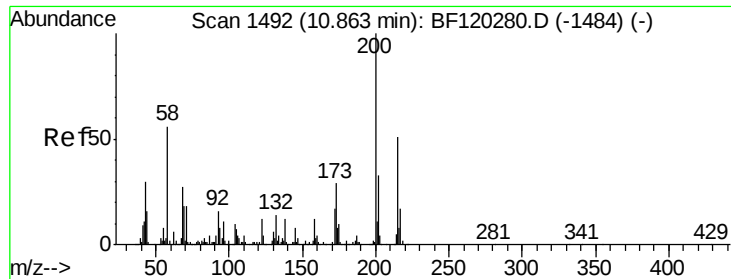
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#68
Hexachlorobenzene
Concen: 33.546 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	28.5	42.7
249	30.6	24.8	37.2





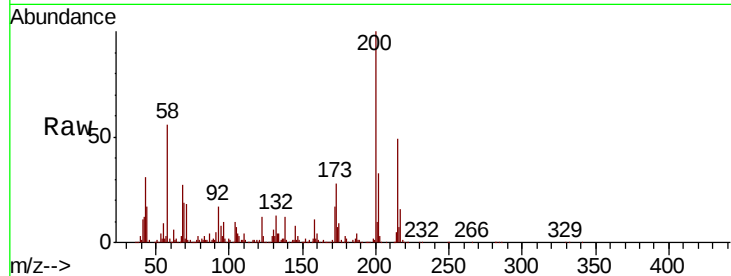
#69
Atrazine
Concen: 32.028 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.7	48.7
215	49.2	30.6	70.6

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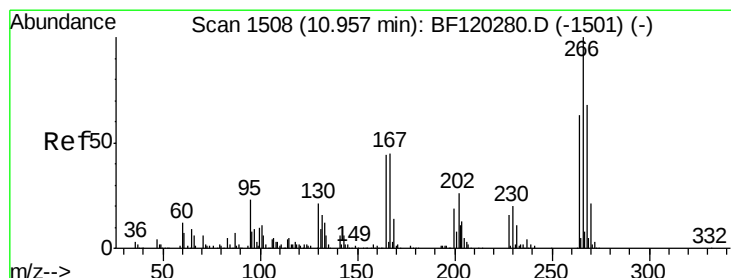
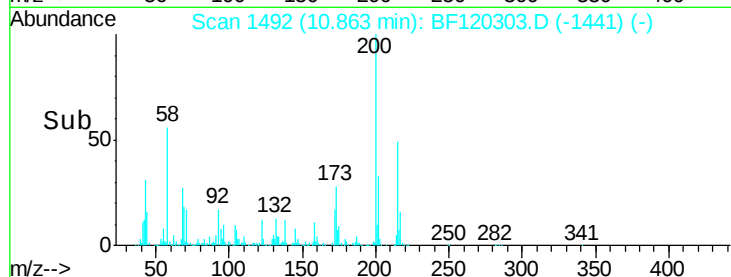
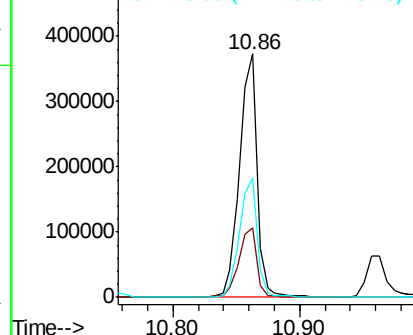


Abundance

Ion 200.00 (199.70 to 200.70): E

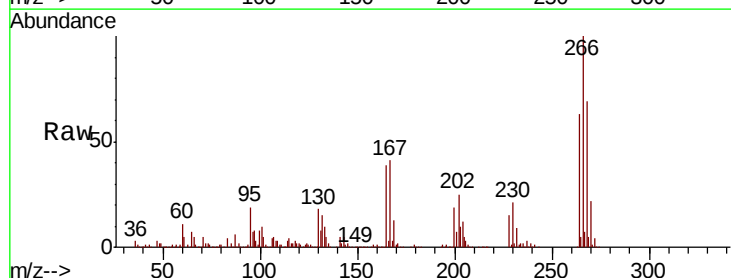
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.114 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	54.2	81.4
264	63.1	50.2	75.4

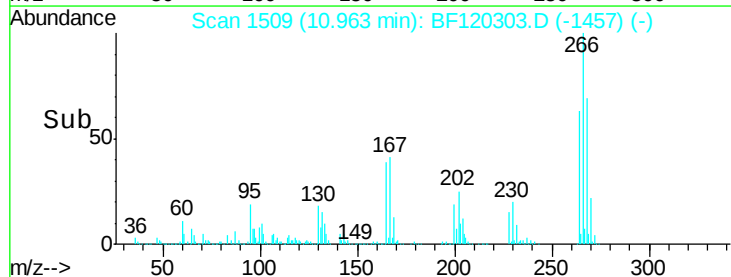
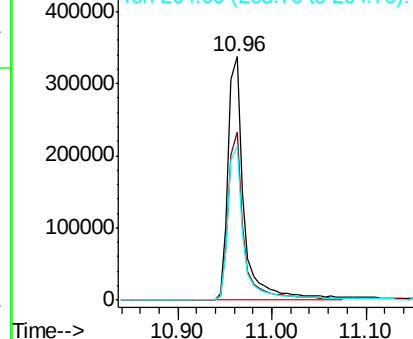


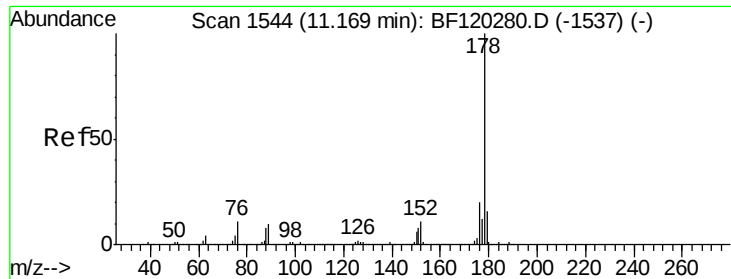
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





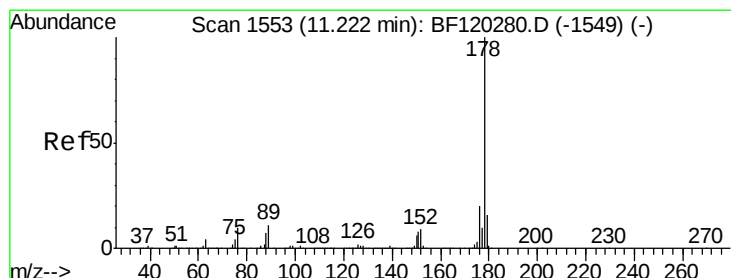
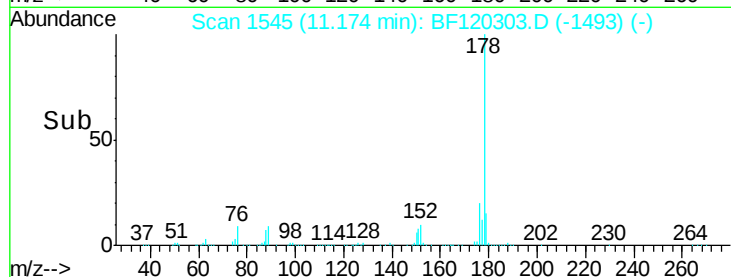
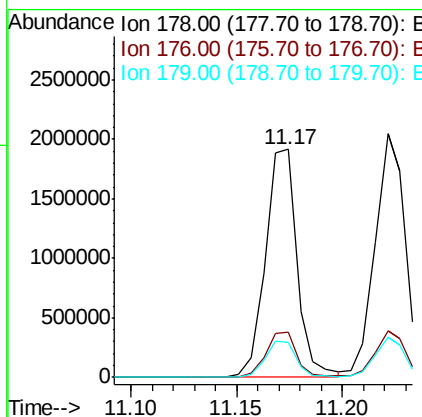
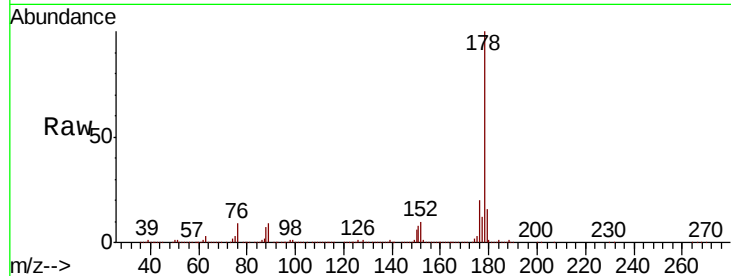
#71
Phenanthrene
Concen: 35.302 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion:178 Resp: 1999246
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.6 12.8 19.2

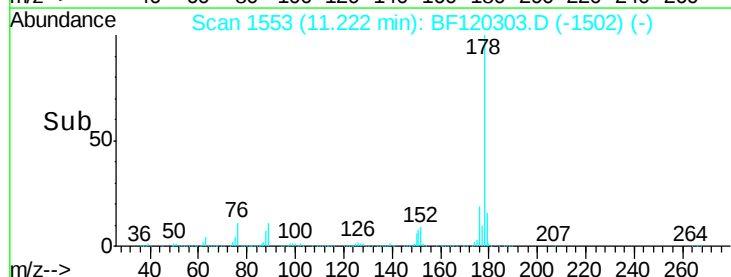
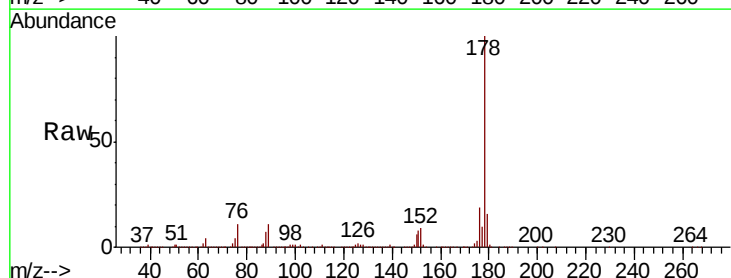
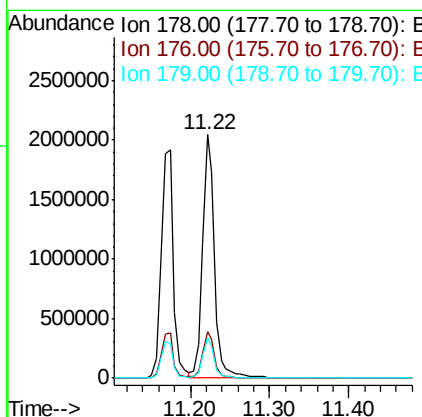
Manual Integrations
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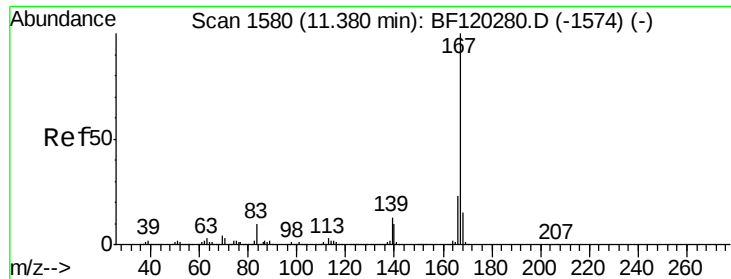
mohammad
5/18/2020 1:32:08 PM



#72
Anthracene
Concen: 36.041 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:178 Resp: 2185072
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.2 13.0 19.6





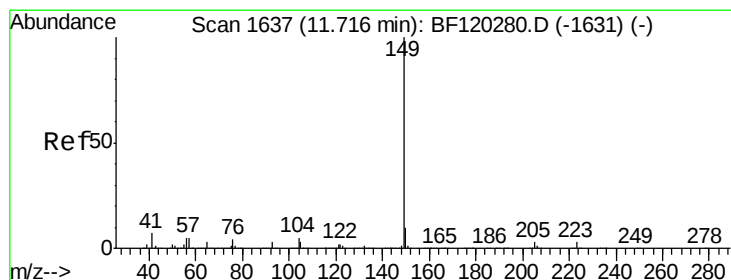
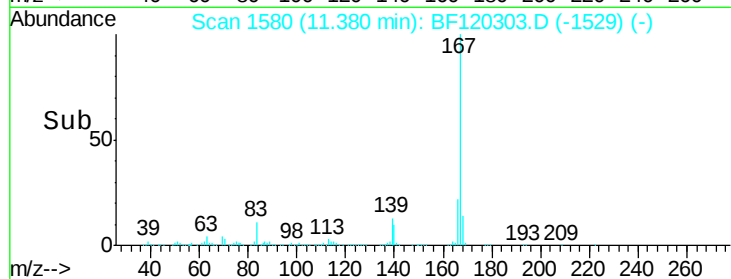
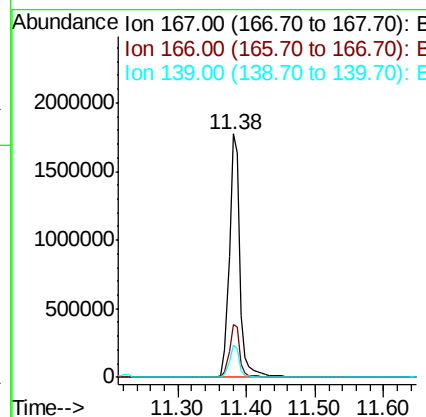
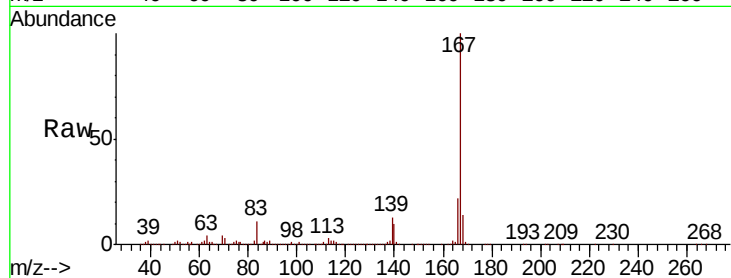
#73
 Carbazole
 Concen: 33.752 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	10.6	15.8

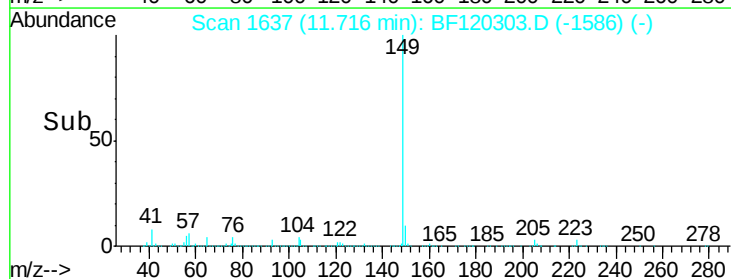
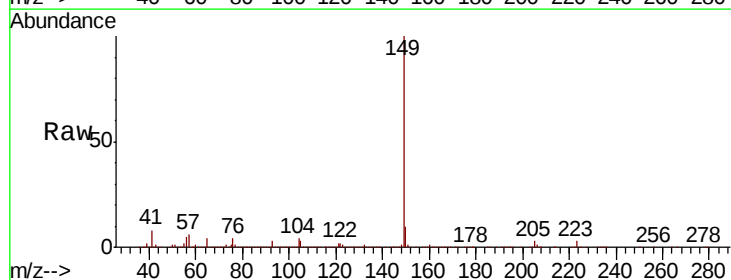
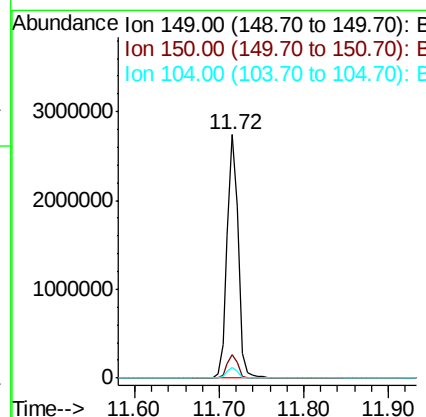
Manual Integrations
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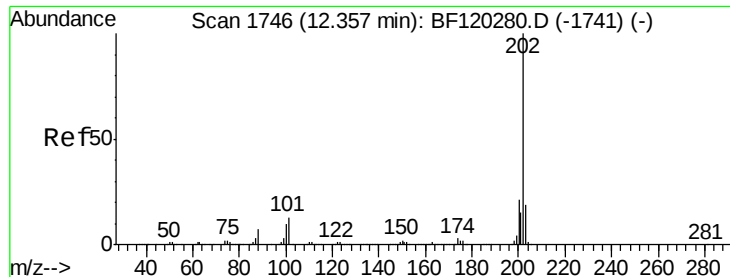
mohammad
 5/18/2020 1:32:08 PM



#74
 Di-n-butylphthalate
 Concen: 37.143 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.4
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 34.132 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

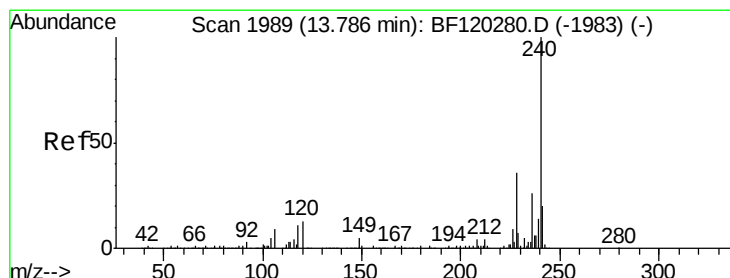
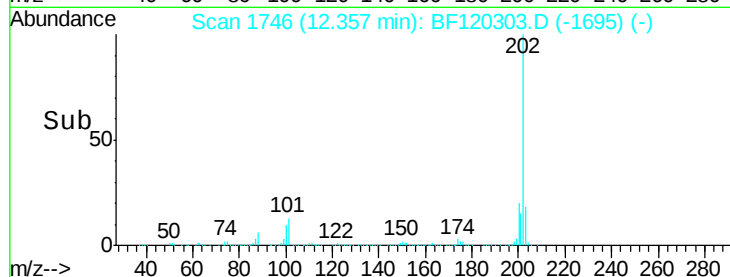
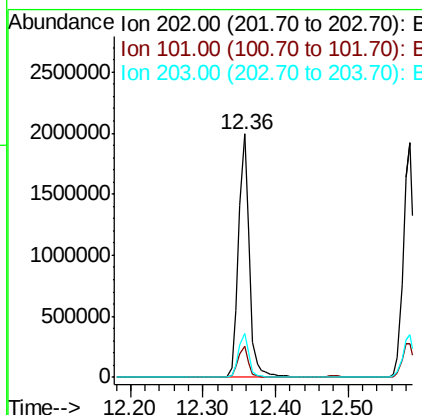
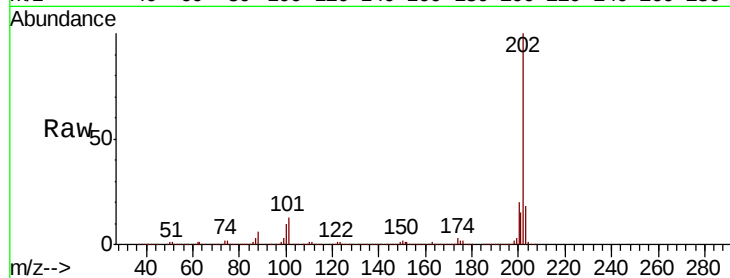
ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:	202	Resp:	2071814
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	18.2	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

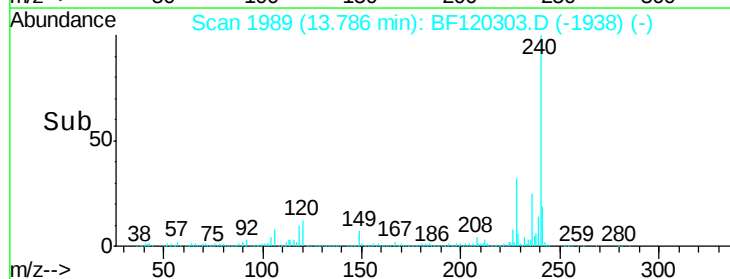
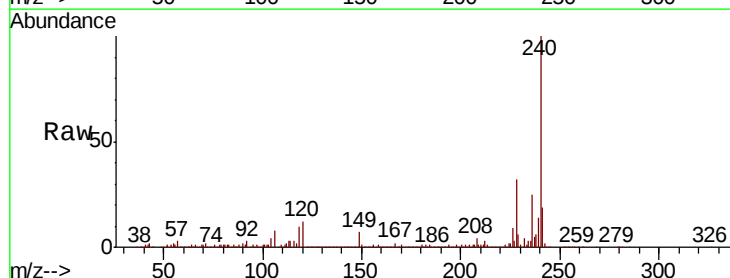
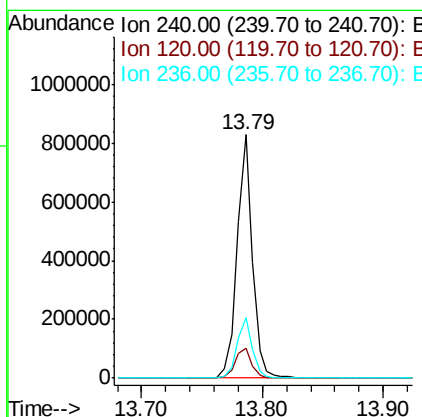
RT: 13.79 min Scan# 1989

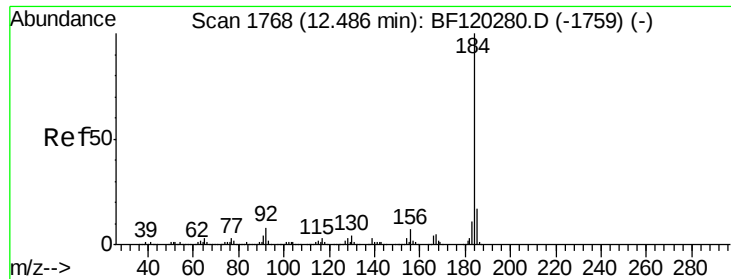
Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:	240	Resp:	735758
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.4	15.6
236	25.0	21.0	31.6





#77

Benzidine

Concen: 36.589 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

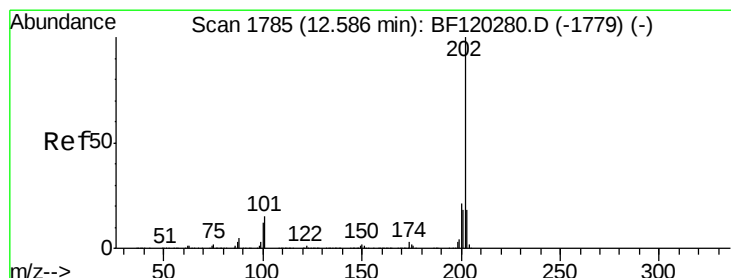
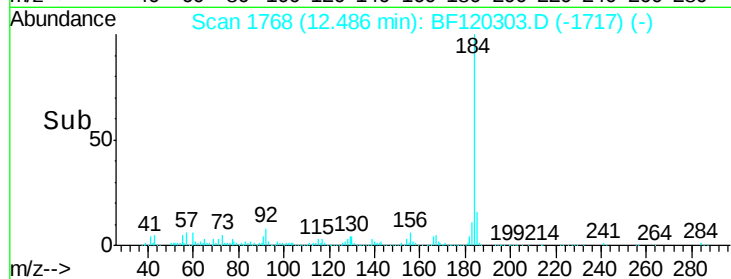
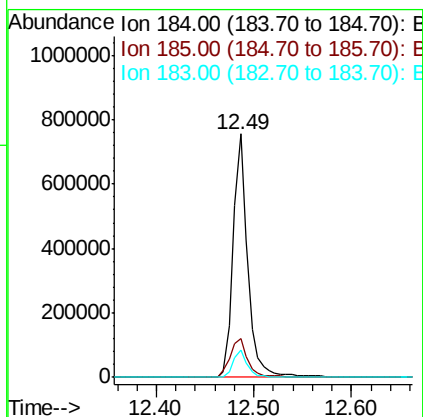
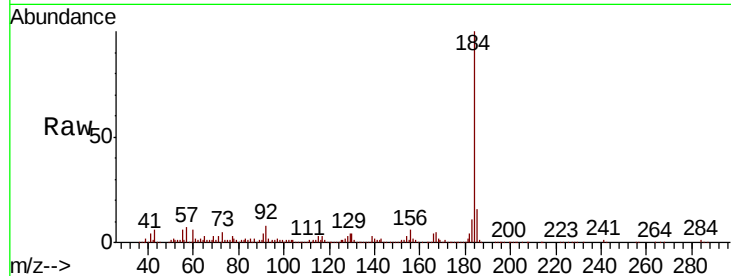
ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:	184	Resp:	786123
Ion Ratio	Lower	Upper	
184	100		
185	16.2	13.7	20.5
183	11.1	8.7	13.1

Manual Integrations
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#78

Pyrene

Concen: 38.089 ng

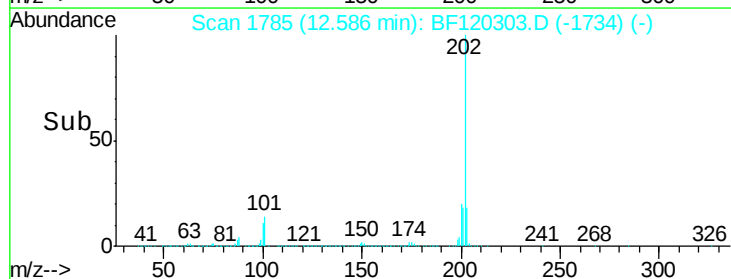
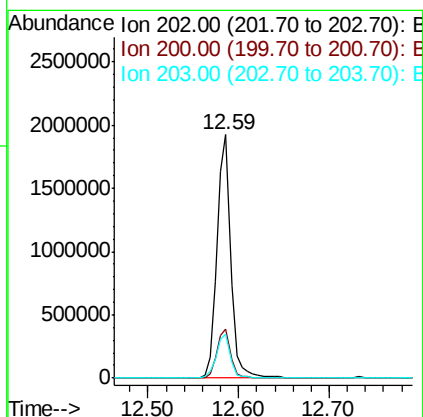
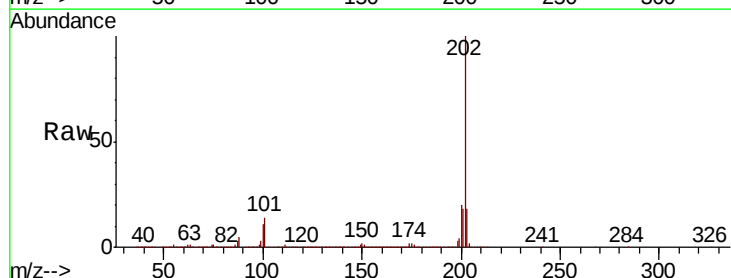
RT: 12.59 min Scan# 1785

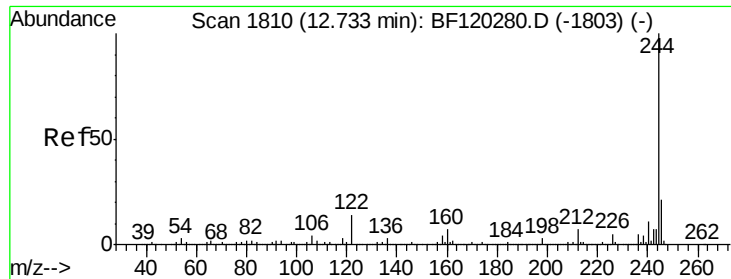
Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:	202	Resp:	1997839
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	25.0
203	18.0	14.6	22.0





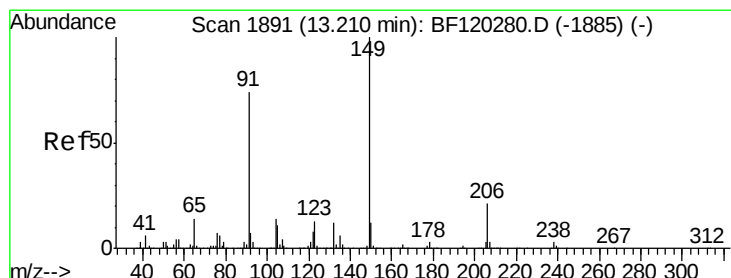
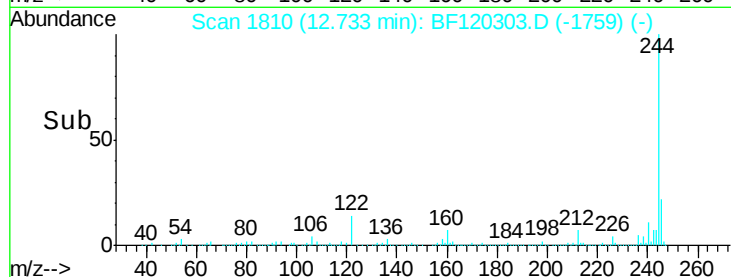
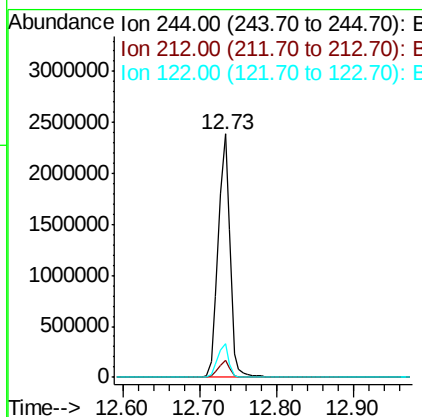
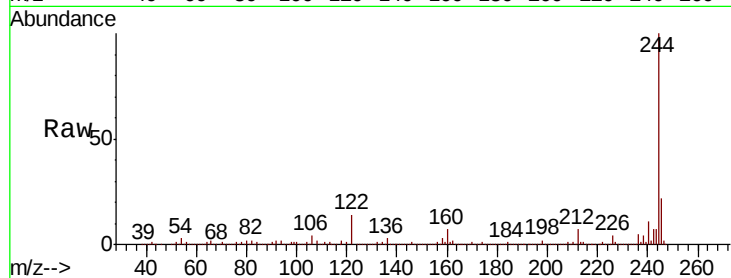
#79
 Terphenyl-d14
 Concen: 75.370 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.8	10.8	16.2

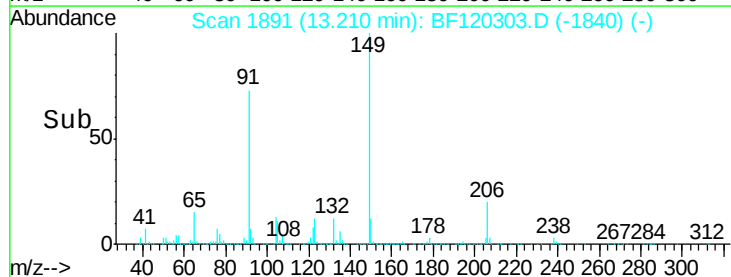
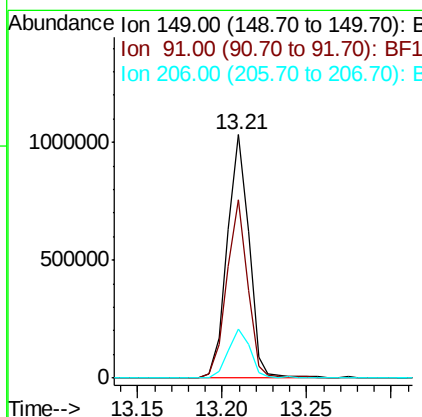
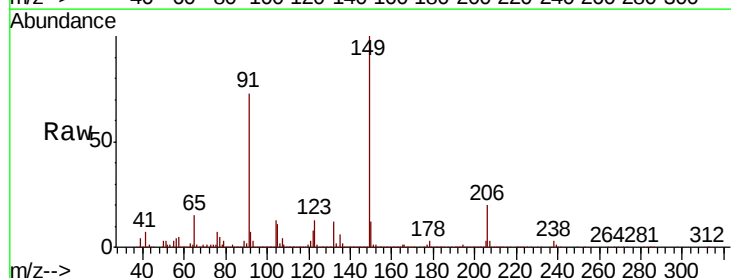
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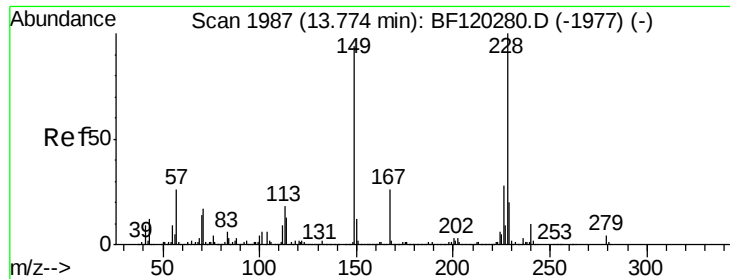
mohammad
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#80
 Butylbenzylphthalate
 Concen: 37.487 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	59.0	88.4
206	19.9	16.8	25.2





#81

Benzo(a)anthracene

Concen: 35.137 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:228 Resp: 1363541

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

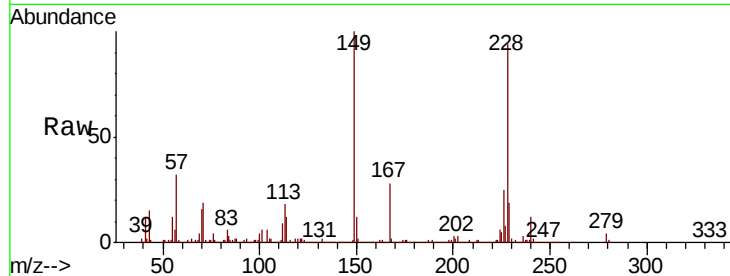
229 19.9 16.4 24.6

Manual Integrations

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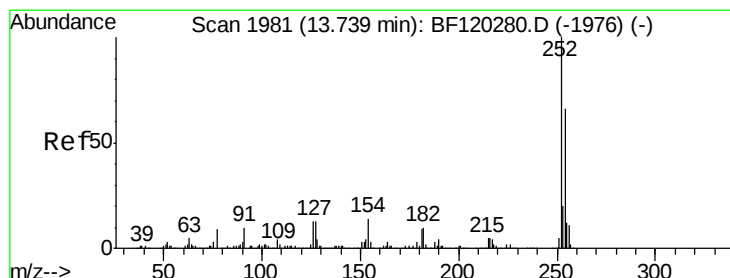
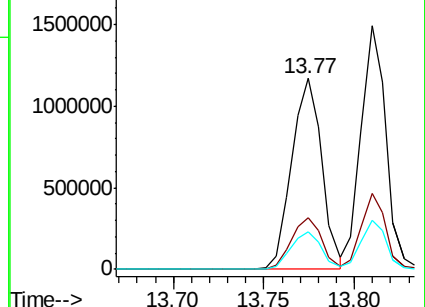
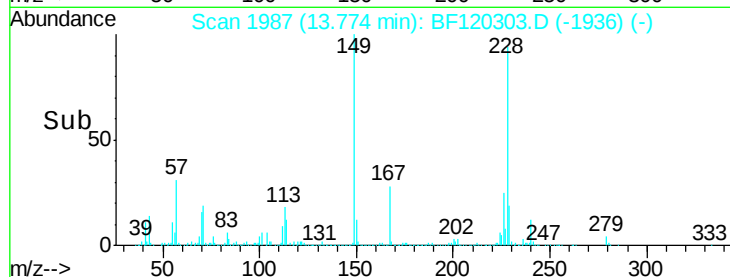
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Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.713 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

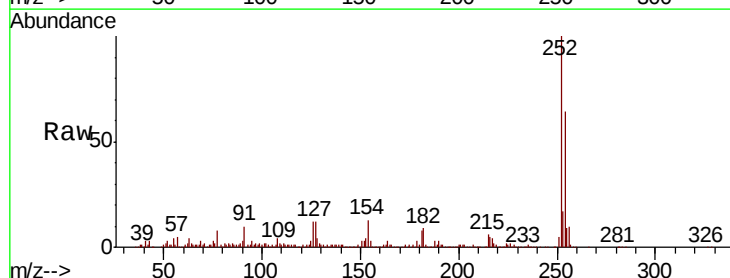
Tgt Ion:252 Resp: 259031

Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

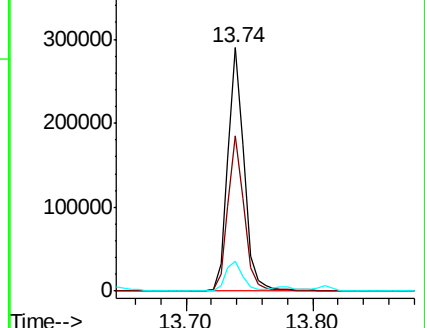
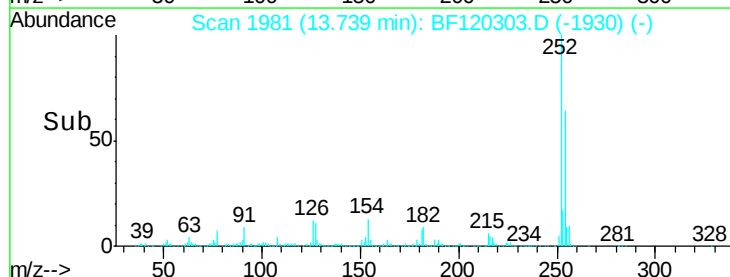
126 12.4 10.7 16.1

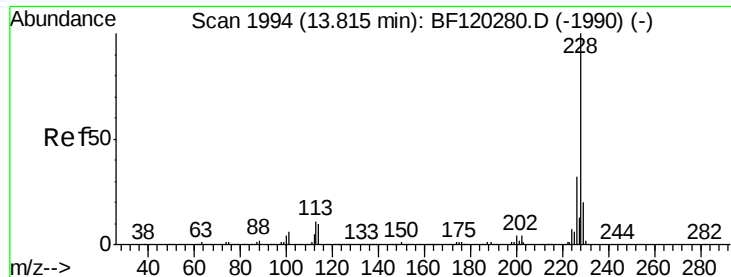


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





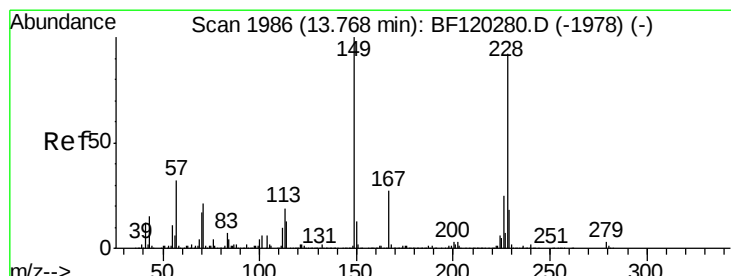
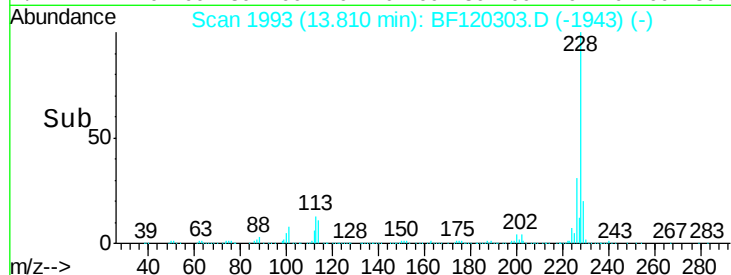
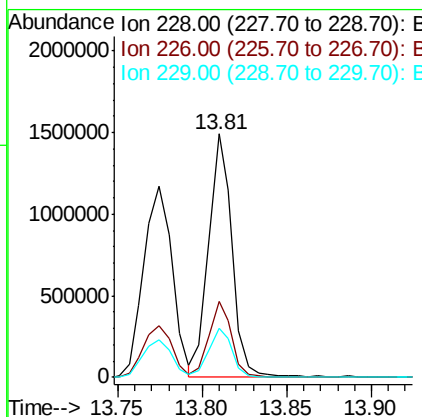
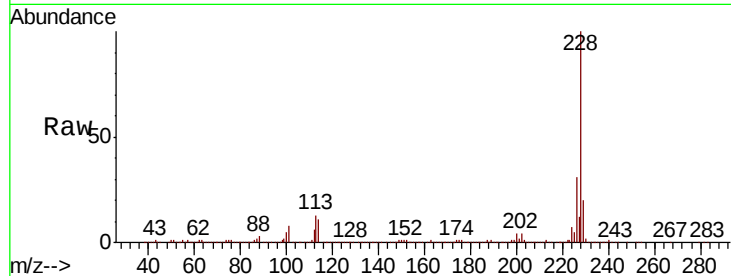
#83
Chrvsene
Concen: 34.514 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion:228 Resp: 1438226
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.2 16.2 24.4

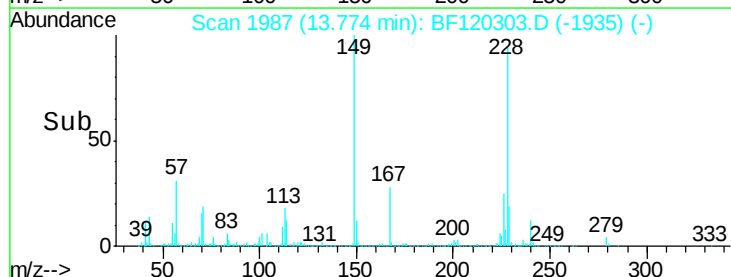
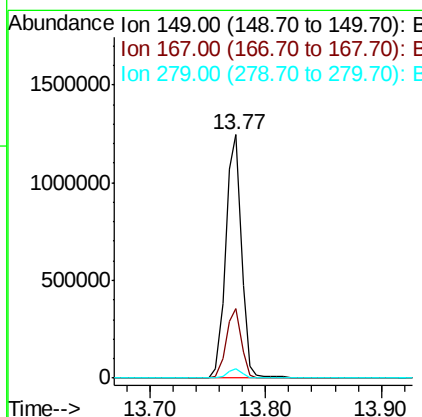
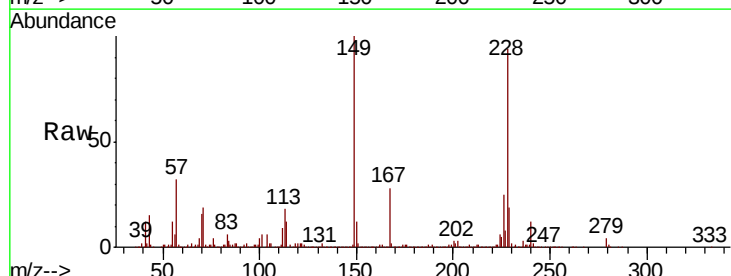
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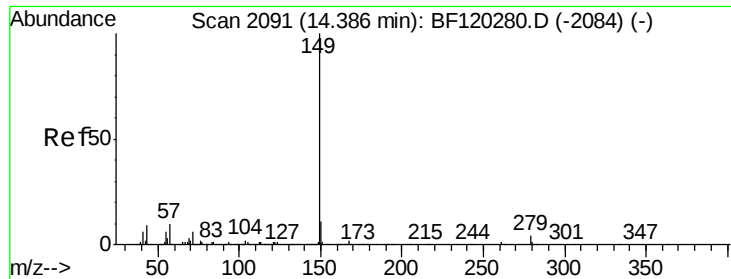
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.215 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:149 Resp: 1174322
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 3.8 2.8 4.2





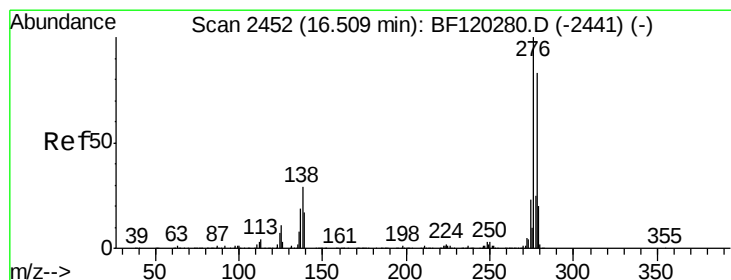
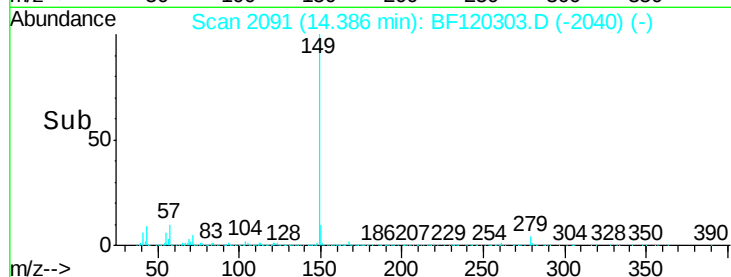
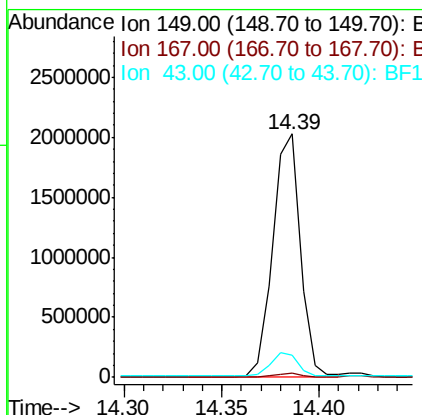
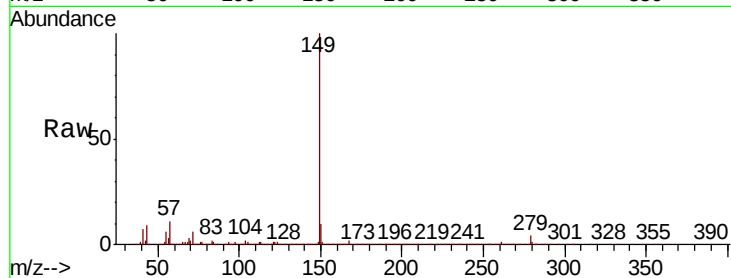
#85
Di-n-octyl phthalate
Concen: 36.070 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.8	7.5	11.3

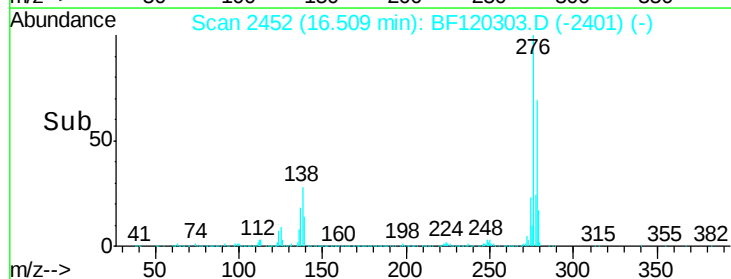
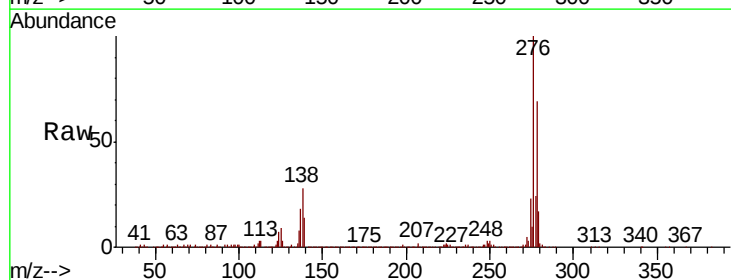
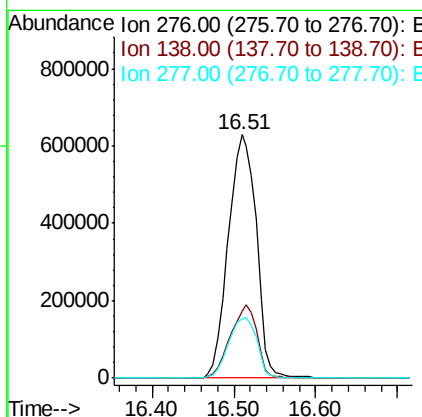
Manual Integrations
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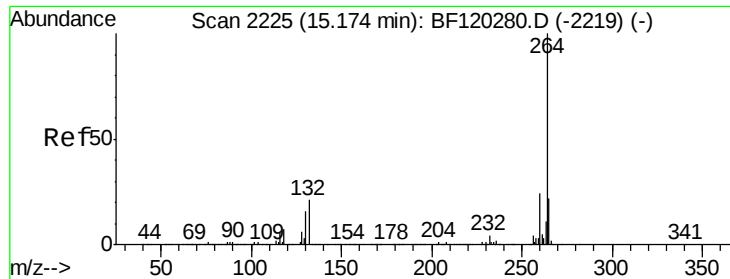
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.572 ng
RT: 16.51 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.3	34.9
277	25.4	20.2	30.4





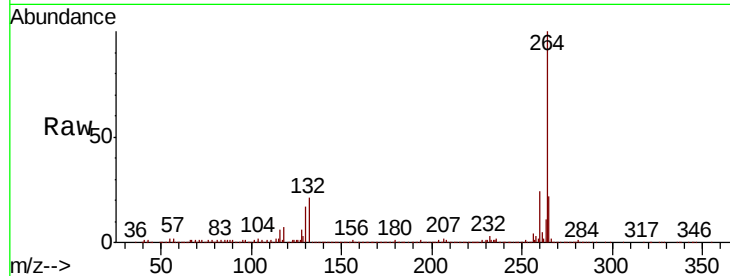
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.2	17.5	26.3

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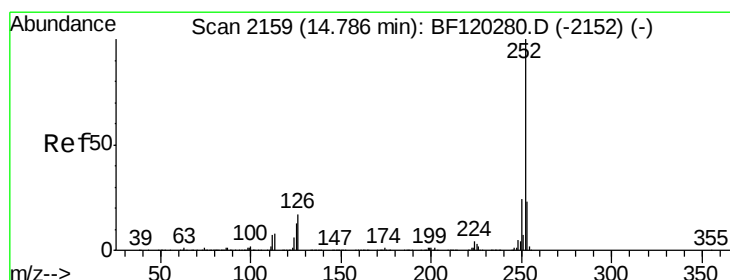
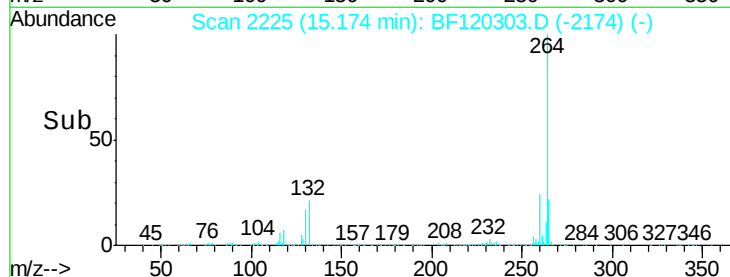
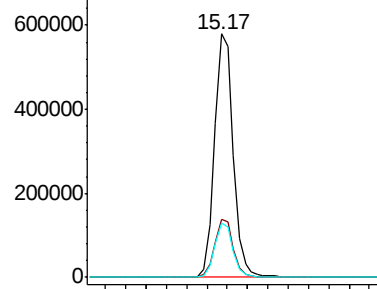


Abundance

Ion 264.00 (263.70 to 264.70): E

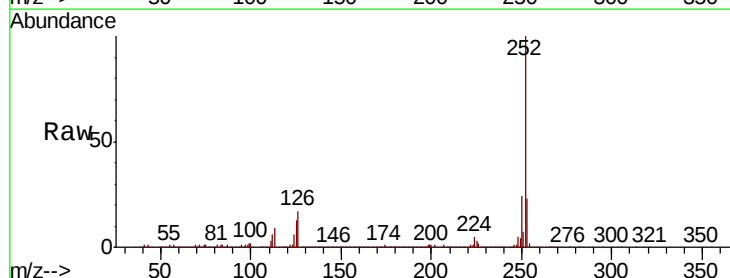
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 36.012 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.6	10.4	15.6

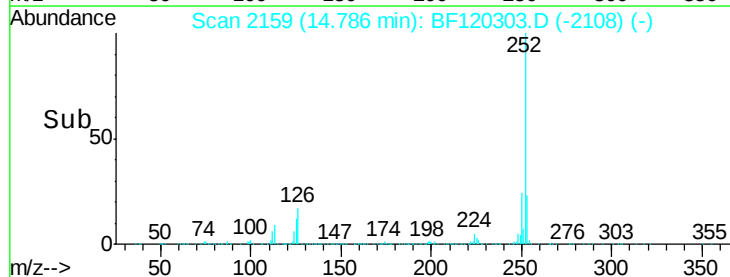
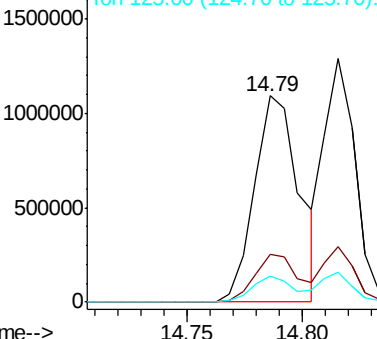


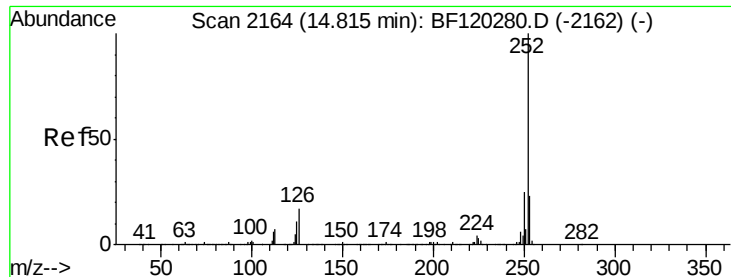
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 34.726 ng

RT: 14.82 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933MS

Tot Ion:252 Resp: 1220785

Ion Ratio Lower Upper

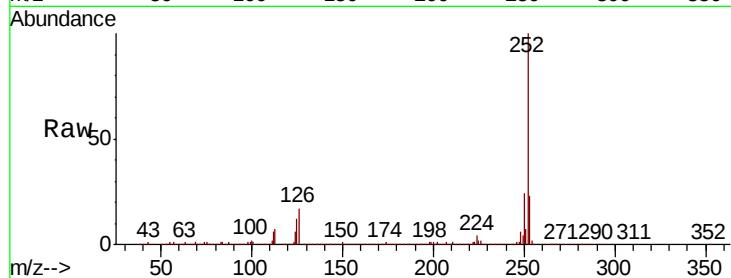
252 100

253 22.5 18.2 27.2

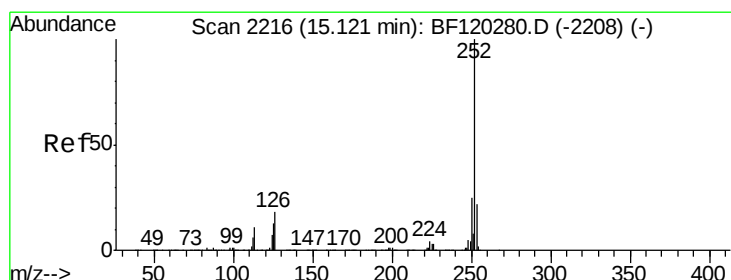
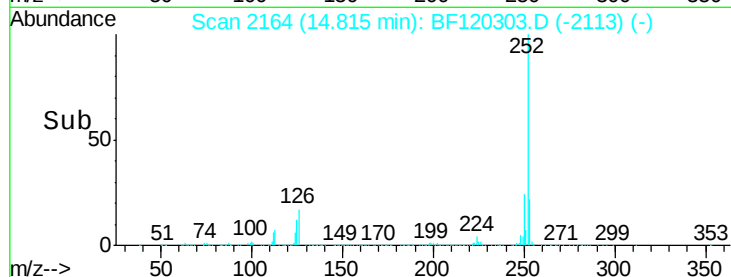
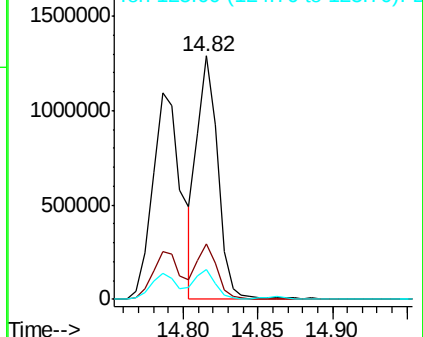
125 12.1 9.9 14.9

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



#90

Benzo(a)pyrene

Concen: 34.179 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

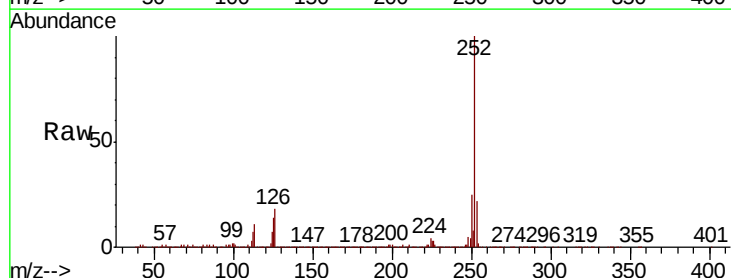
Tgt Ion:252 Resp: 1243782

Ion Ratio Lower Upper

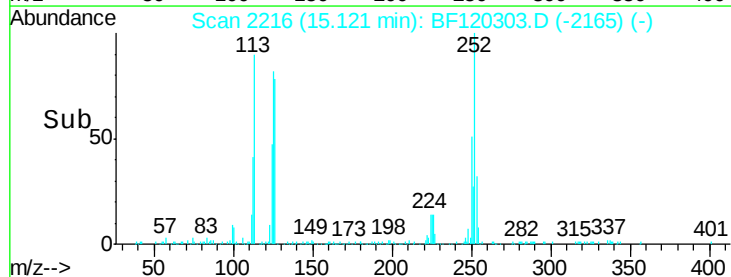
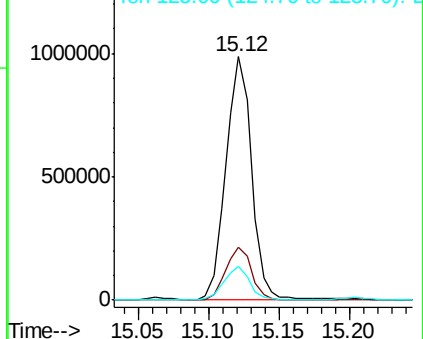
252 100

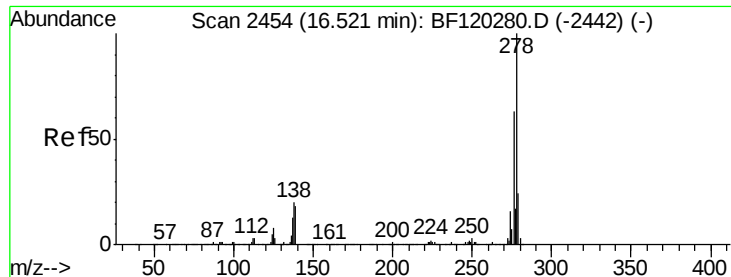
253 21.8 17.6 26.4

125 13.7 10.6 16.0



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





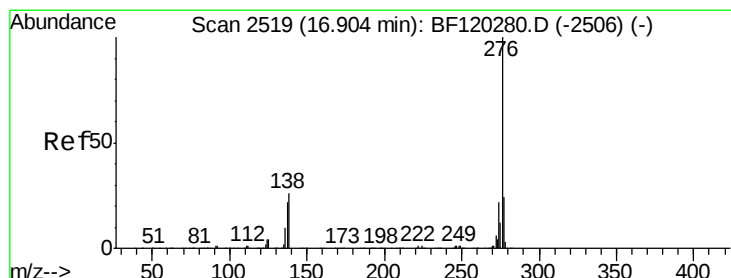
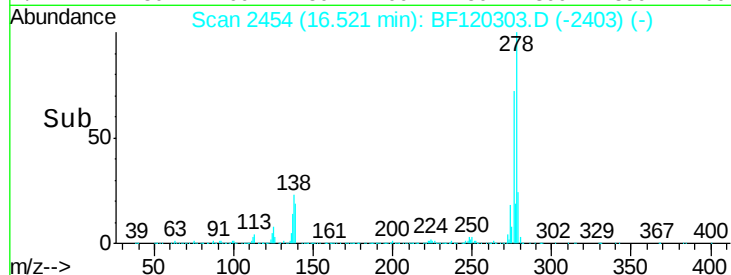
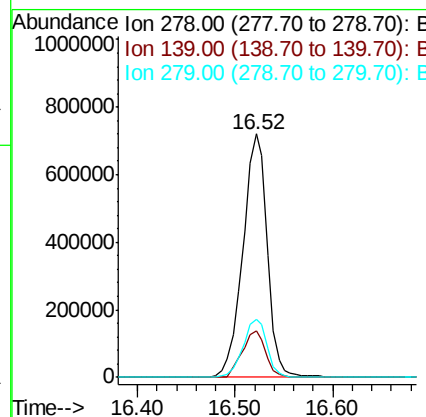
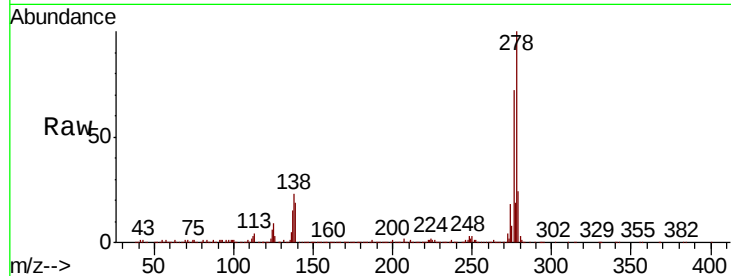
#91
Dibenzo(a,h)anthracene
Concen: 38.479 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Tot Ion:278 Resp: 1240506
Ion Ratio Lower Upper
278 100
139 19.3 14.7 22.1
279 24.1 19.2 28.8

Manual Integrations
APPROVED

mohammad
5/18/2020 1:32:08 PM



#92
Benzo(g,h,i)perylene
Concen: 38.205 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:276 Resp: 1242036
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 25.4 20.8 31.2

