

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121647.D
 Acq On : 22 Sep 2020 18:50
 Operator : JU/CG
 Sample : PB131763BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Manual Integrations
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mohammad
 9/23/2020 10:43:16 AM

Quant Time: Sep 22 19:13:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159318	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635536	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	347213	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	657894	20.00	ng	0.00
76) Chrysene-d12	13.98	240	535130	20.00	ng	0.00
86) Perylene-d12	15.43	264	457987	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	920570	85.87	ng	0.01
7) Phenol-d6	6.45	99	1211066	86.11	ng	0.00
23) Nitrobenzene-d5	7.38	82	828336	69.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	427420	99.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1515878	66.12	ng	0.00
79) Terphenyl-d14	12.93	244	1704001	64.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	240324	48.796	ng	97
3) Pyridine	3.37	79	336561	24.719	ng	99
4) n-Nitrosodimethylamine	3.32	42	213494	33.805	ng	96
6) Aniline	6.47	93	542662	29.625	ng	97
8) 2-Chlorophenol	6.60	128	422026	38.665	ng	98
9) Benzaldehyde	6.36	77	288251	31.351	ng	99
10) Phenol	6.46	94	526535	35.156	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	408451	36.185	ng	99
12) 1,3-Dichlorobenzene	6.75	146	428291	35.156	ng	97
13) 1,4-Dichlorobenzene	6.83	146	431784	35.298	ng	97
14) 1,2-Dichlorobenzene	6.98	146	418543	37.141	ng	99
15) Benzyl Alcohol	6.96	79	373125	39.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	634548	34.933	ng	99
17) 2-Methylphenol	7.07	107	355991	38.332	ng	98
18) Hexachloroethane	7.32	117	156756	35.789	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	296147	36.535	ng	98
20) 3+4-Methylphenols	7.23	107	418661	37.520	ng	# 88
22) Acetophenone	7.22	105	562024	34.855	ng	99
24) Nitrobenzene	7.40	77	453697	35.439	ng	95
25) Isophorone	7.64	82	840060	35.256	ng	98
26) 2-Nitrophenol	7.71	139	220604	37.211	ng	96
27) 2,4-Dimethylphenol	7.75	122	374491	35.209	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	519384	35.210	ng	99
29) 2,4-Dichlorophenol	7.96	162	360664	37.230	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	359365	35.223	ng	99
31) Naphthalene	8.12	128	1180315	35.182	ng	99
32) Benzoic acid	7.90	122	252039	34.107	ng	94
33) 4-Chloroaniline	8.17	127	445237	30.616	ng	97
34) Hexachlorobutadiene	8.23	225	216873	36.214	ng	98
35) Caprolactam	8.55	113	126809m	39.308	ng	
36) 4-Chloro-3-methylphenol	8.66	107	400653	38.392	ng	96
37) 2-Methylnaphthalene	8.81	142	799319	36.356	ng	99
38) 1-Methylnaphthalene	8.91	142	756329	36.963	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	370346	34.146	ng	99

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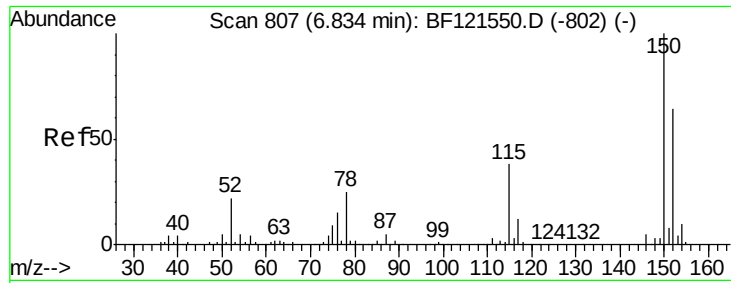
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	393861	63.590	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	269658	36.476	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	290649	37.190	nq	97
46) 1,1'-Biphenyl	9.27	154	977619	35.170	nq	100
47) 2-Chloronaphthalene	9.30	162	753683	34.408	nq	99
48) 2-Nitroaniline	9.40	65	272189	39.988	nq	95
49) Acenaphthylene	9.72	152	1213221	36.048	nq	100
50) Dimethylphthalate	9.58	163	942258	37.442	nq	100
51) 2,6-Dinitrotoluene	9.64	165	213254	39.791	nq	99
52) Acenaphthene	9.89	154	706042	33.214	nq	99
53) 3-Nitroaniline	9.81	138	184806	29.766	nq	100
54) 2,4-Dinitrophenol	9.92	184	245980	79.624	nq	98
55) Dibenzofuran	10.06	168	1059491	35.392	nq	98
56) 4-Nitrophenol	9.99	139	356190	71.939	nq	93
57) 2,4-Dinitrotoluene	10.05	165	286739	42.527	nq	95
58) Fluorene	10.40	166	825222	36.047	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	248692	39.142	nq	100
60) Diethylphthalate	10.28	149	918278	37.426	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	406856	37.100	nq	98
62) 4-Nitroaniline	10.43	138	233423	37.866	nq	99
63) Azobenzene	10.56	77	926970	35.477	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	163144	41.495	nq	92
66) n-Nitrosodiphenylamine	10.52	169	800822	35.480	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	281801	37.622	nq	94
68) Hexachlorobenzene	10.95	284	317760	37.591	nq	99
69) Atrazine	11.04	200	238444	42.522	nq	98
70) Pentachlorophenol	11.15	266	345034	74.323	nq	99
71) Phenanthrene	11.36	178	1295987	36.156	nq	100
72) Anthracene	11.42	178	1329690	35.947	nq	100
73) Carbazole	11.57	167	1211602	36.297	nq	100
74) Di-n-butylphthalate	11.90	149	1411870	36.647	nq	100
75) Fluoranthene	12.55	202	1421628	37.153	nq	99
77) Benzidine	12.67	184	769028	43.348	nq	100
78) Pyrene	12.78	202	1452656	37.154	nq	99
80) Butylbenzylphthalate	13.40	149	602328	38.092	nq	100
81) Benzo(a)anthracene	13.97	228	1271633	37.561	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	404062	30.571	nq	100
83) Chrysene	14.01	228	1225824	35.756	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	768407	36.375	nq	99
85) Di-n-octyl phthalate	14.57	149	1323168	35.492	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1101591	36.934	nq	100
88) Benzo(b)fluoranthene	15.01	252	1261437	41.201	nq	99
89) Benzo(k)fluoranthene	15.04	252	1039491	37.075	nq	99
90) Benzo(a)pyrene	15.37	252	1029290	39.549	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	910273	36.664	nq	99
92) Benzo(g,h,i)perylene	17.31	276	910499	37.308	nq	99

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



#1

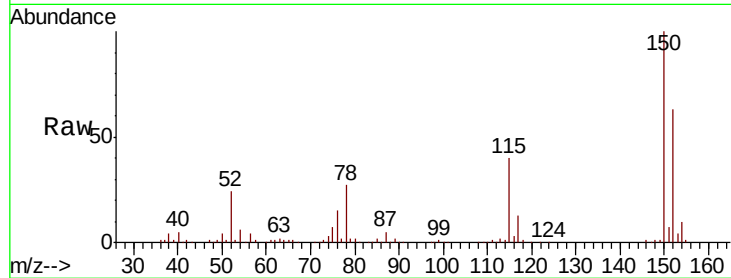
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.1	192.1
115	63.7	52.6	79.0

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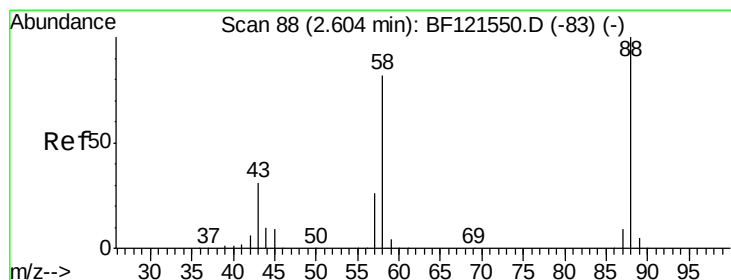
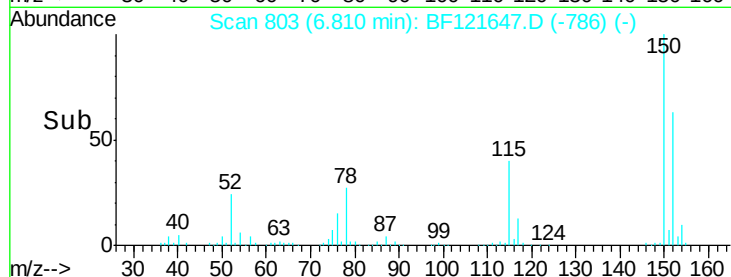
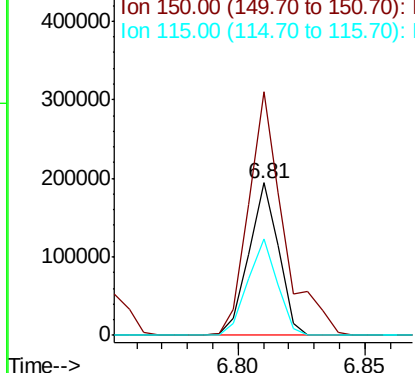


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

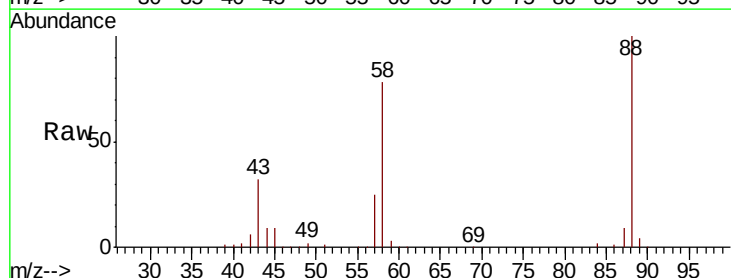
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.796 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	65.4	98.0
43	30.0	24.9	37.3

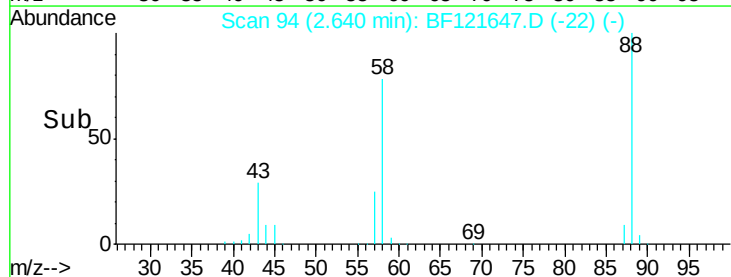
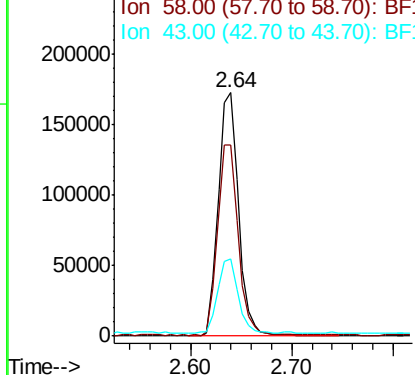


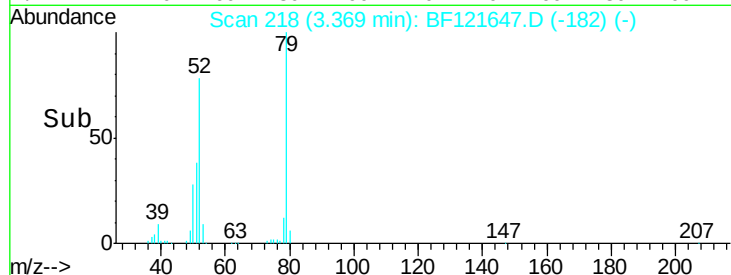
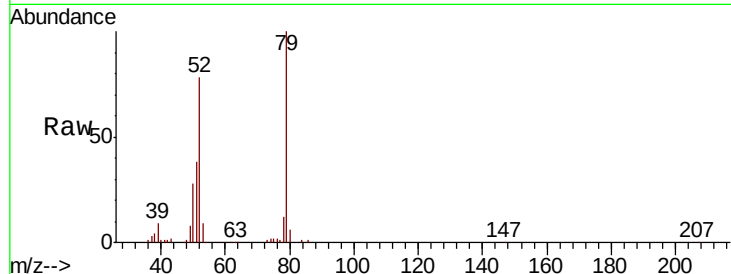
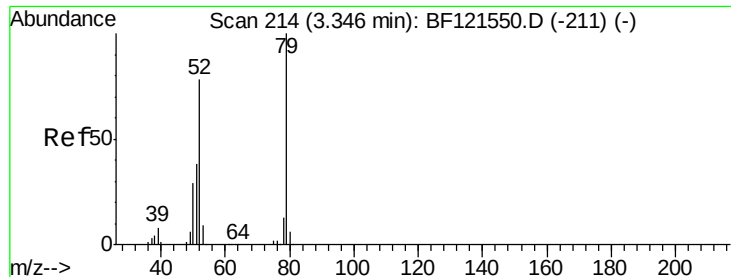
Abundance

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





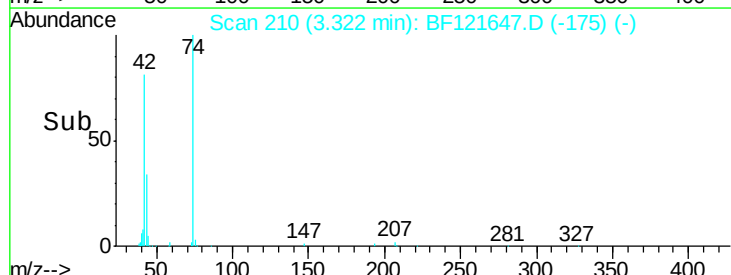
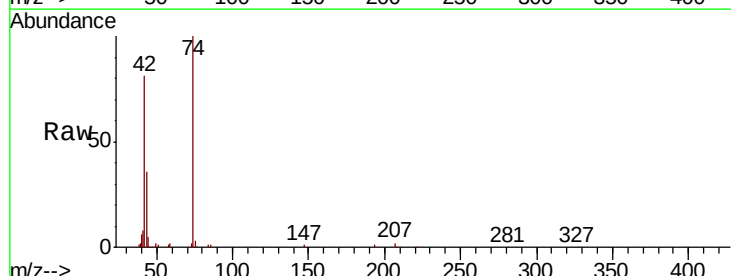
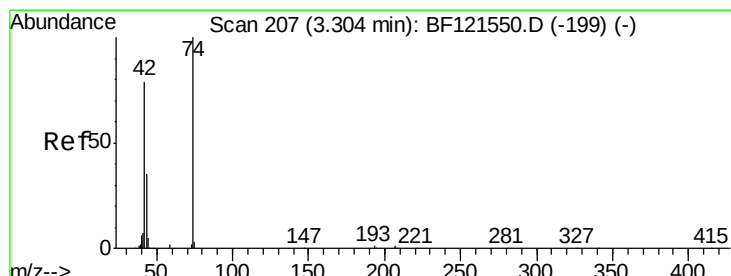
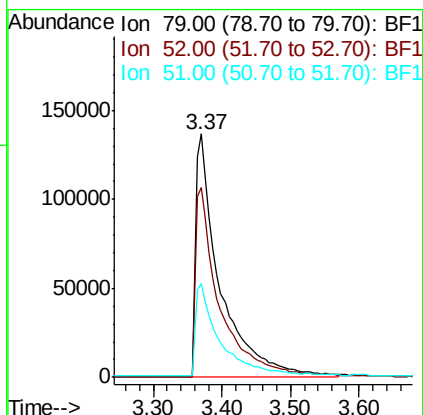
#3
Pvridine
Concen: 24.719 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.11 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tot Ion:	79	Resp:	336561
Ion Ratio	Lower	Upper	
79	100		
52	78.1	63.4	95.0
51	38.4	30.7	46.1

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

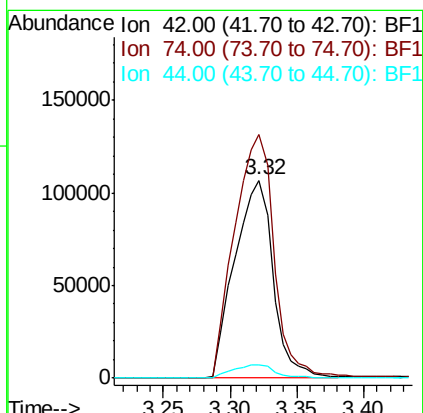
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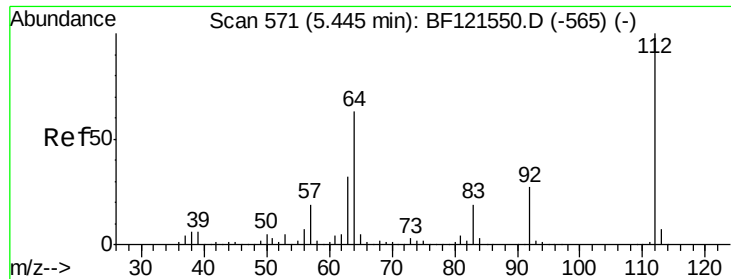
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#4
n-Nitrosodimethylamine
Concen: 33.805 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.11 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:	42	Resp:	213494
Ion Ratio	Lower	Upper	
42	100		
74	123.1	102.6	154.0
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 85.871 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

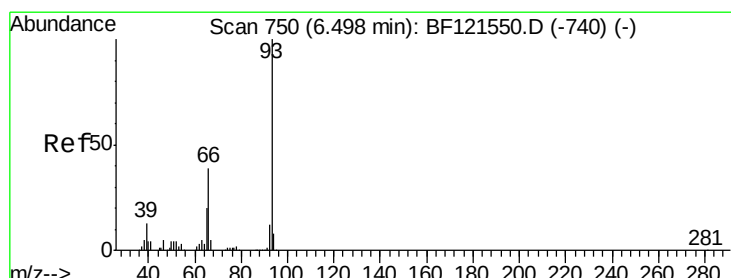
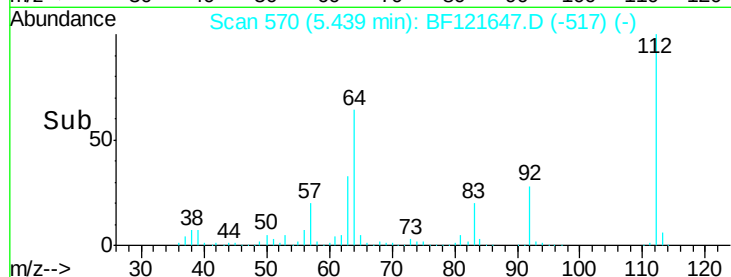
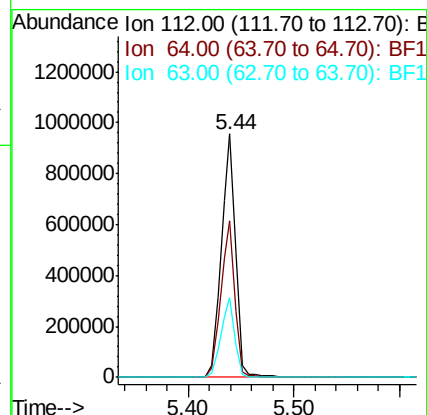
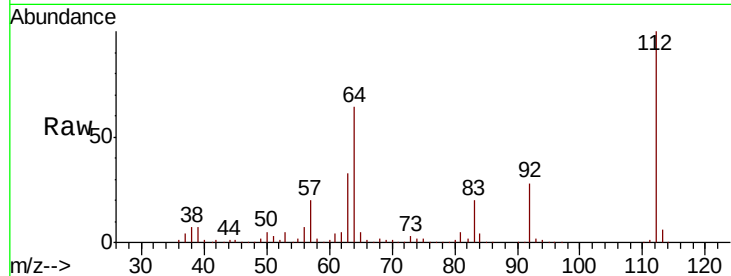
ClientSampleId :

PB131763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		920570		
64	64.1	52.2	78.2		
63	32.8	26.6	39.8		

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#6

Aniline

Concen: 29.625 ng

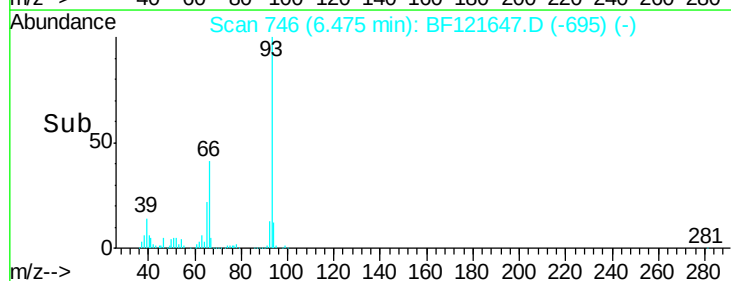
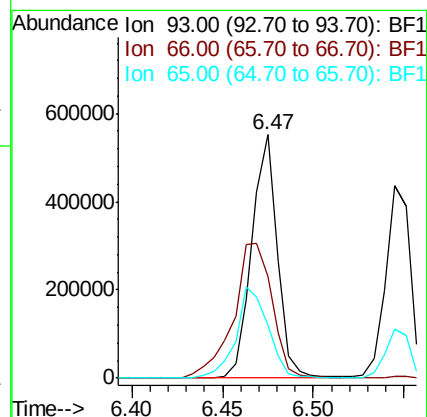
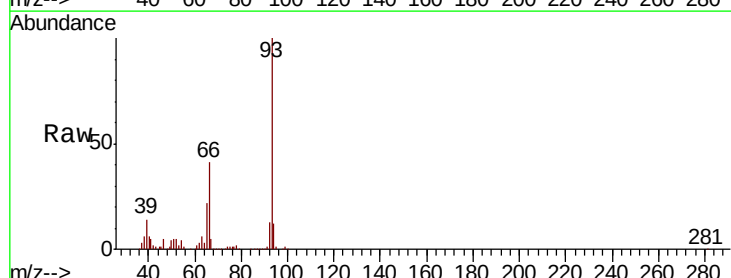
RT: 6.47 min Scan# 746

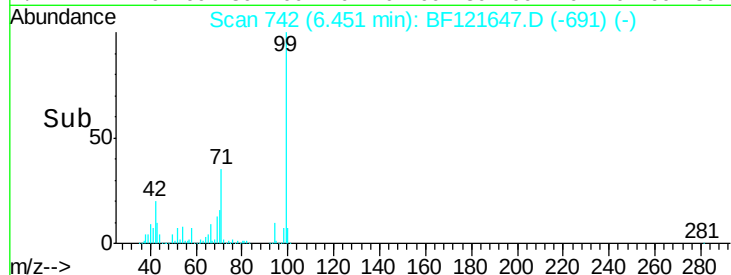
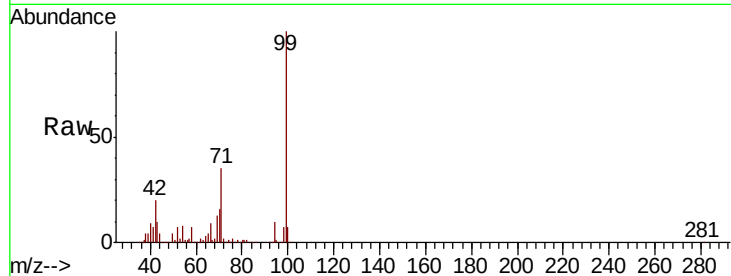
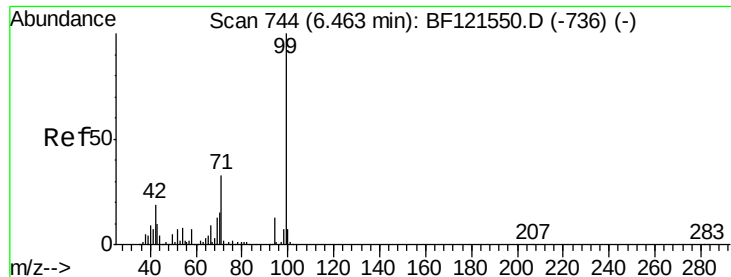
Delta R.T. -0.00 min

Lab File: BF121647.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		542662		
66	41.5	31.9	47.9		
65	21.5	16.1	24.1		





#7

Phenol-d6

Concen: 86.108 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tot Ion: 99 Resp: 1211066

Ion Ratio Lower Upper

99 100

42 20.2 15.5 23.3

71 35.1 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

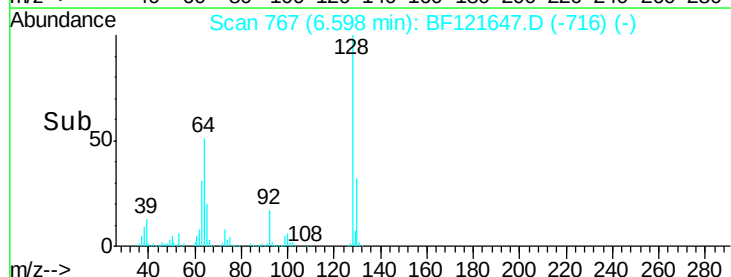
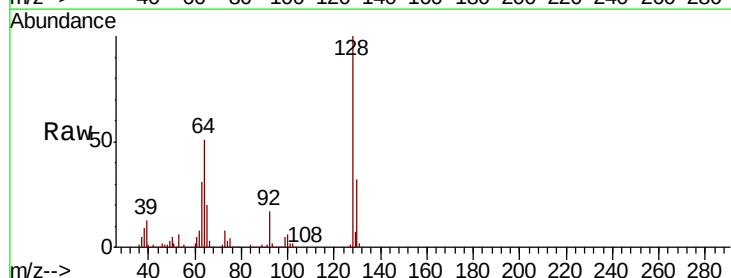
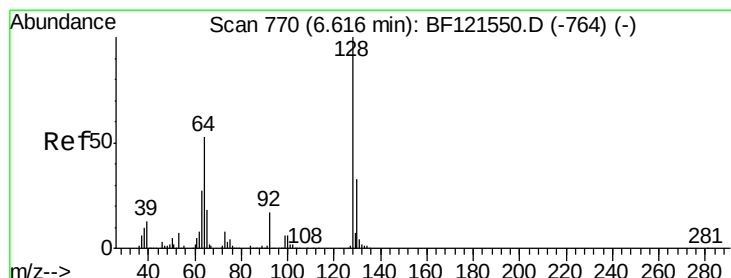
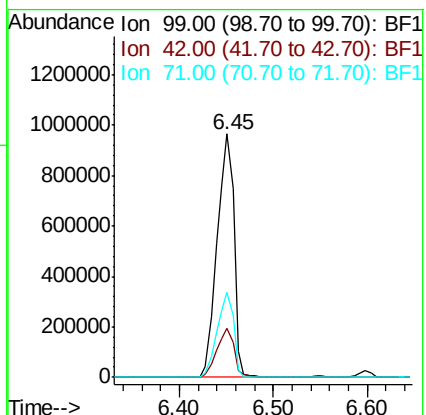
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#8

2-Chlorophenol

Concen: 38.665 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

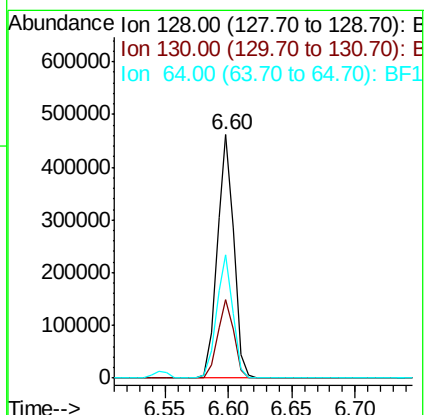
Tgt Ion: 128 Resp: 422026

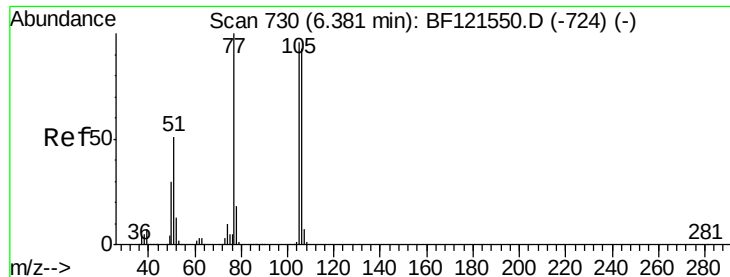
Ion Ratio Lower Upper

128 100

130 32.4 13.5 53.5

64 50.7 29.3 69.3





#9

Benzaldehyde

Concen: 31.351 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

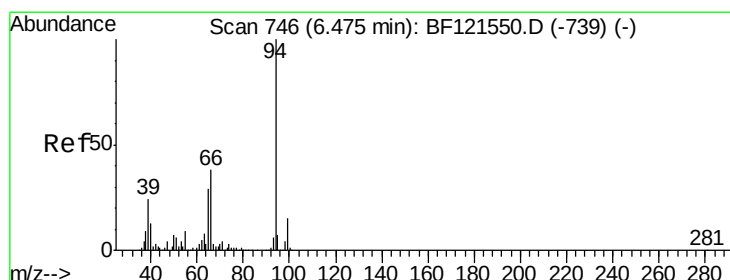
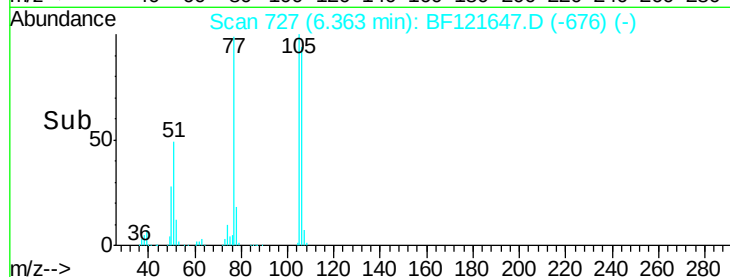
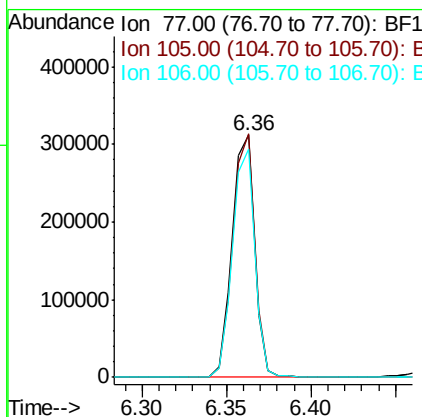
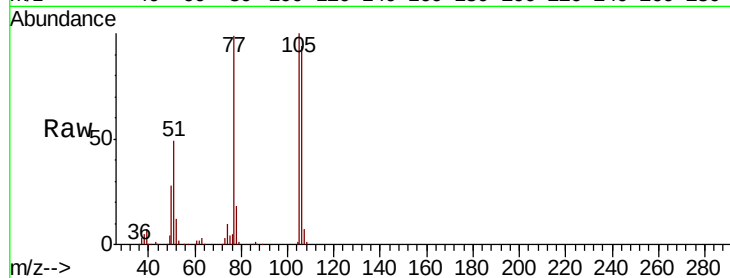
ClientSampleId :

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Tot Ion:	77	Resp:	288251
Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.2	119.2
106	94.3	72.9	112.9

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#10

Phenol

Concen: 35.156 ng

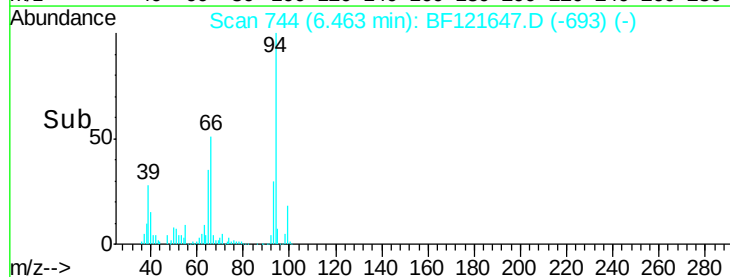
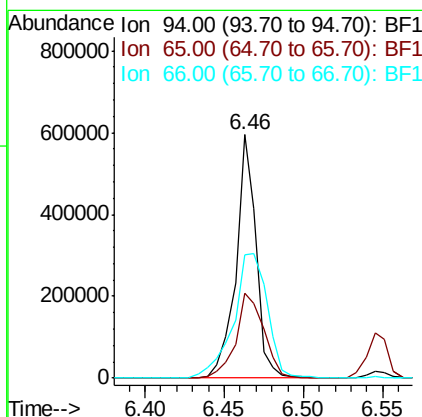
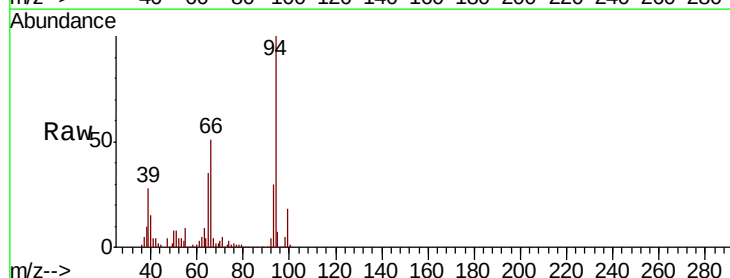
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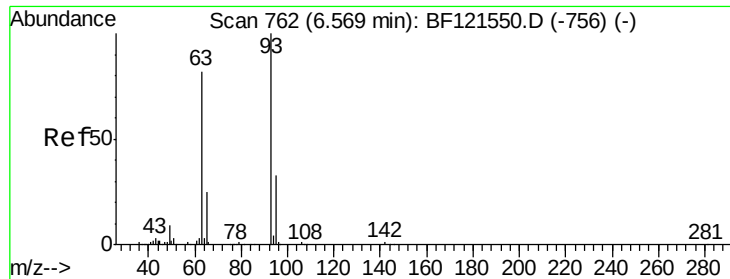
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:	94	Resp:	526535
Ion	Ratio	Lower	Upper
94	100		
65	34.8	17.8	57.8
66	50.8	37.8	77.8





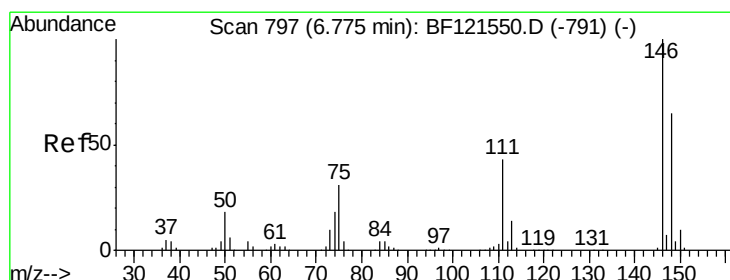
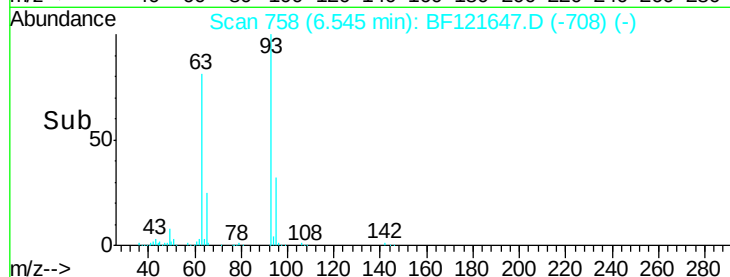
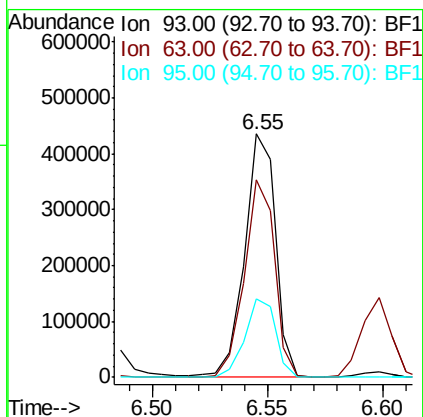
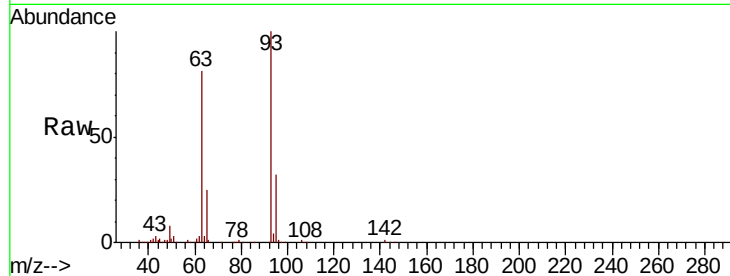
#11
bis(2-Chloroethyl)ether
Concen: 36.185 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		408451		
63	81.1	60.3	100.3		
95	32.1	12.6	52.6		

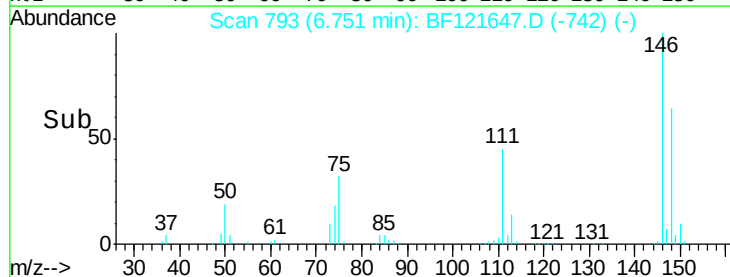
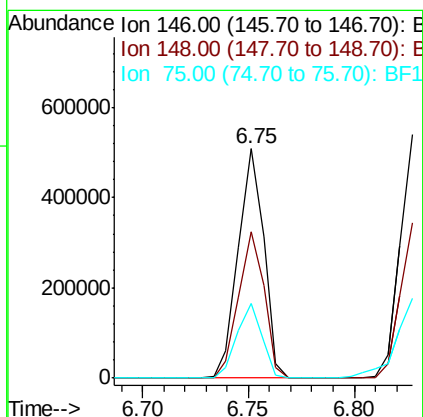
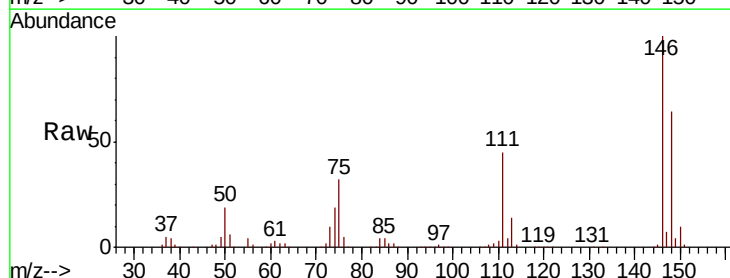
Manual Integrations
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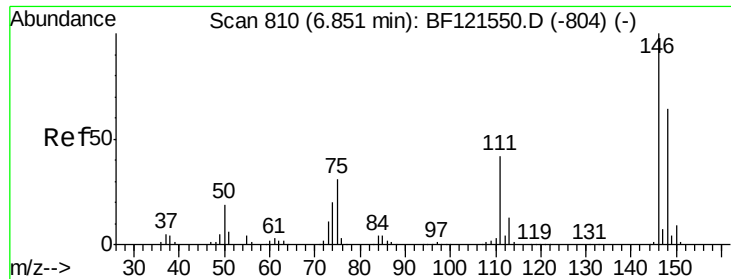
mohammad
9/23/2020 10:43:16 AM



#12
1,3-Dichlorobenzene
Concen: 35.156 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		428291		
148	64.1	50.6	75.8		
75	32.5	23.5	35.3		





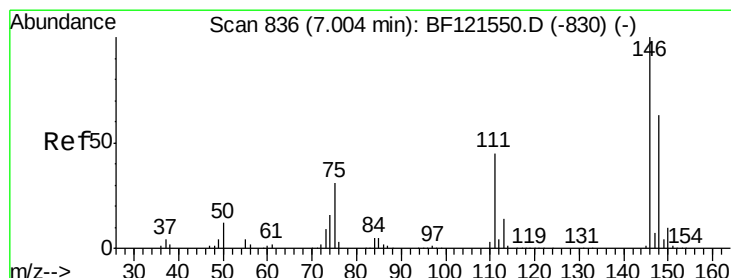
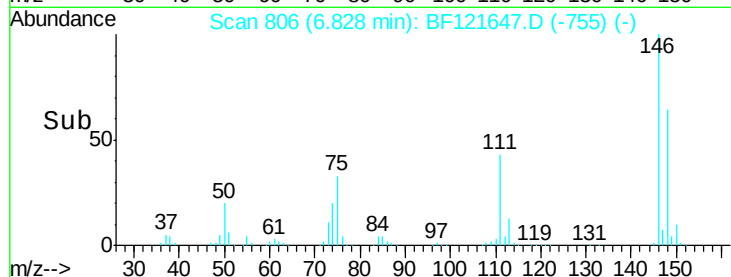
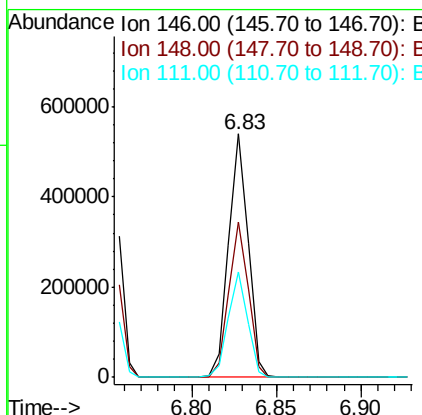
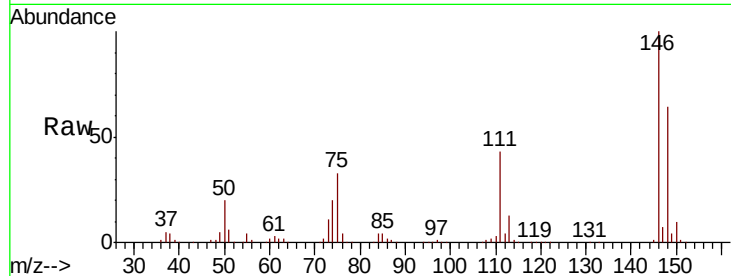
#13
 1,4-Dichlorobenzene
 Concen: 35.298 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	43.5	32.7	49.1

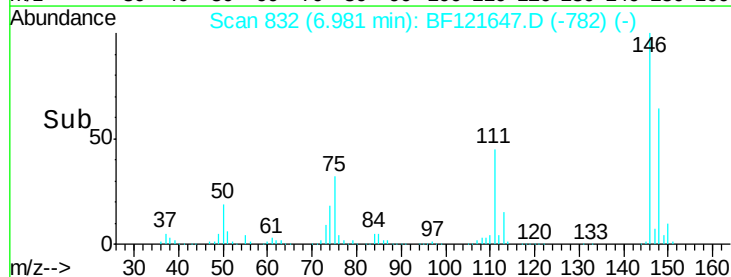
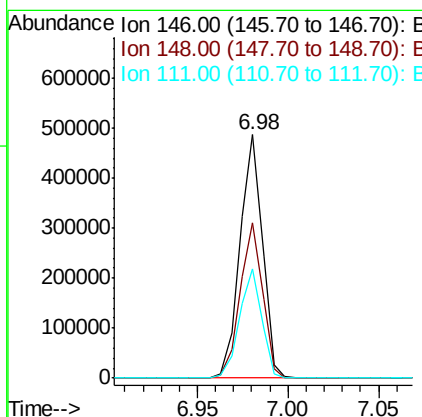
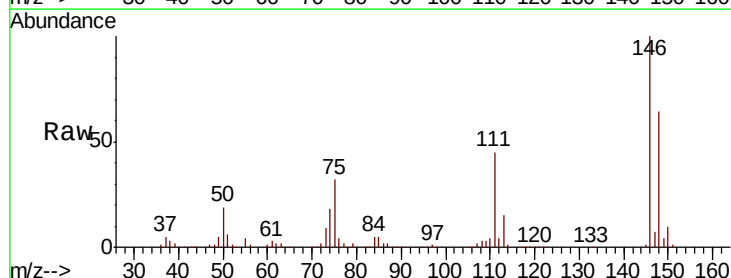
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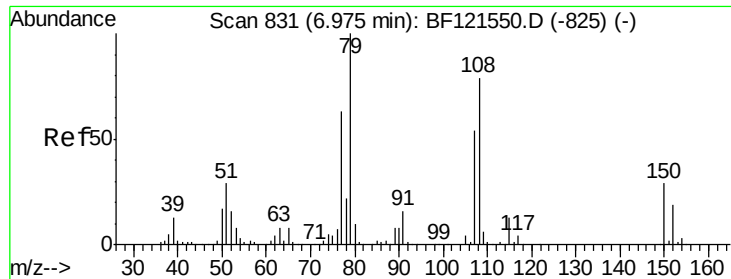
mohammad
 9/23/2020 10:43:16 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.141 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	45.0	35.5	53.3





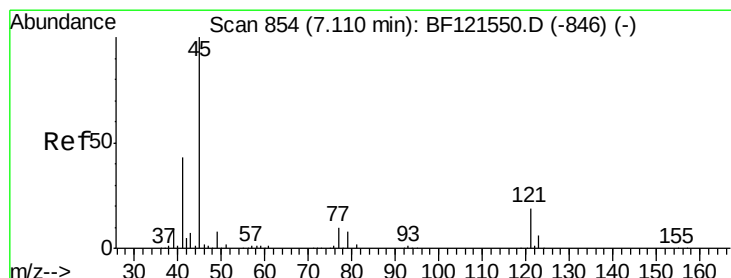
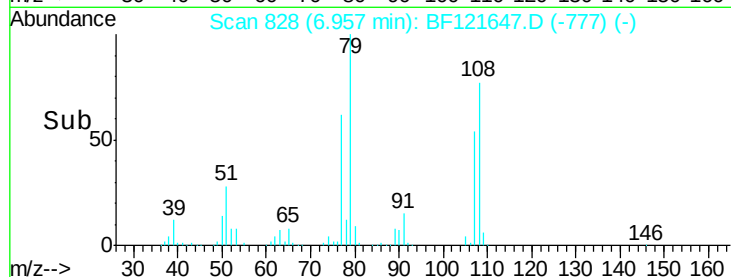
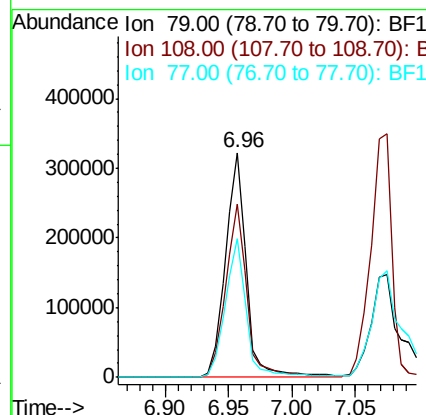
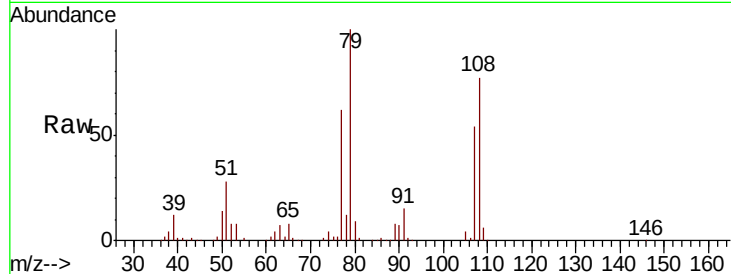
#15
Benzyl Alcohol
Concen: 39.032 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.1	60.2	90.2	
77	61.6	50.6	76.0	

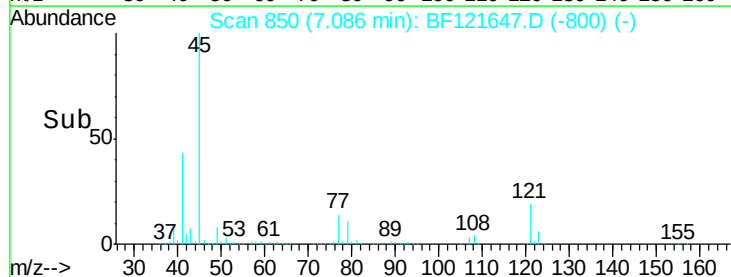
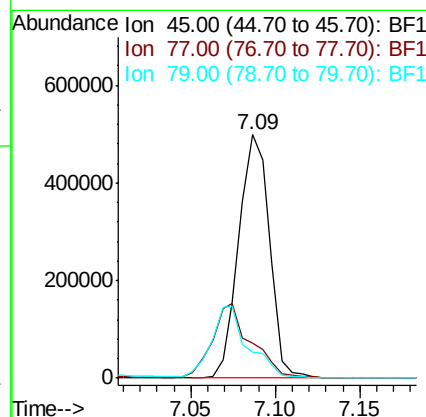
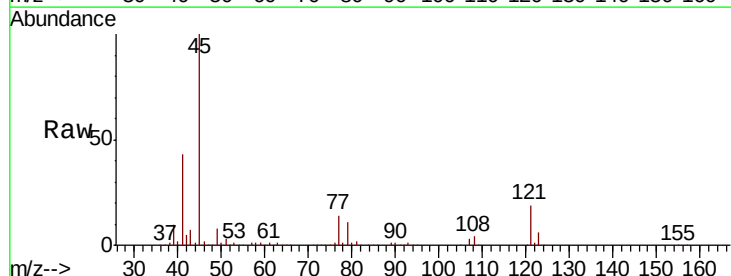
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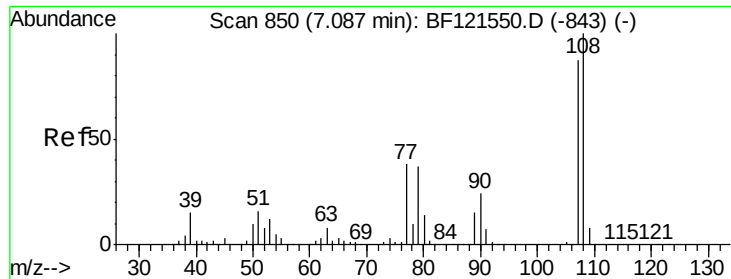
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.933 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.2	0.0	33.8	
79	10.9	0.0	31.2	





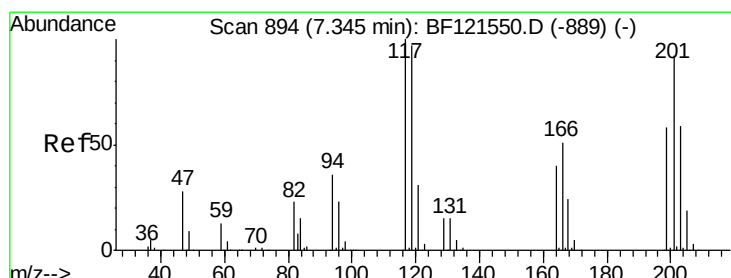
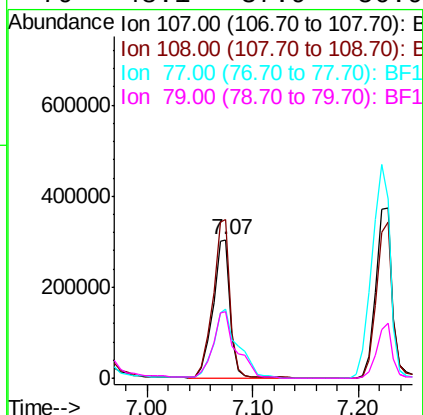
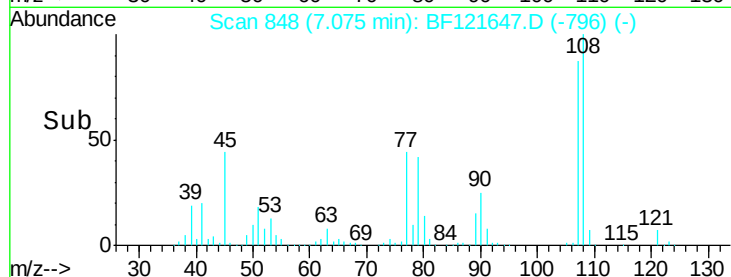
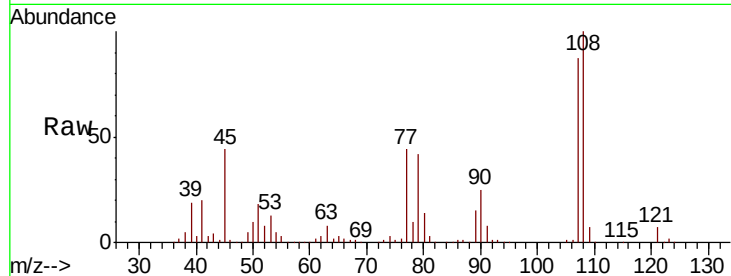
#17
2-Methylphenol
Concen: 38.332 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	90.6	135.8	
77	50.1	38.7	58.1	
79	48.1	37.9	56.9	

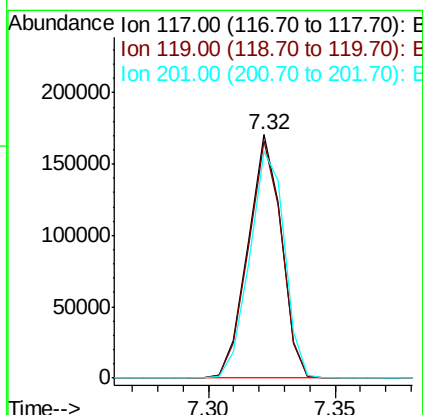
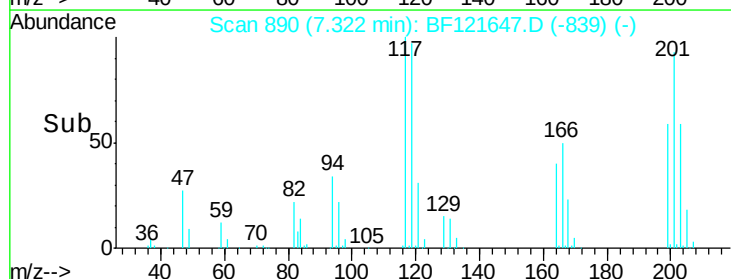
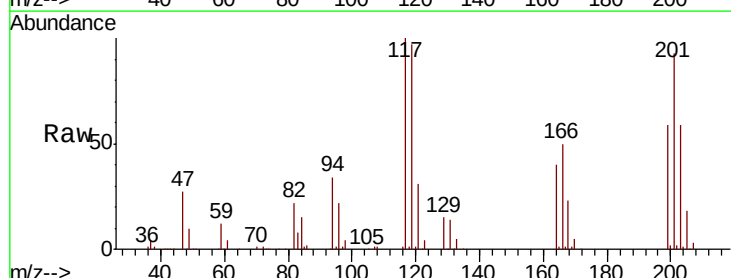
Manual Integrations
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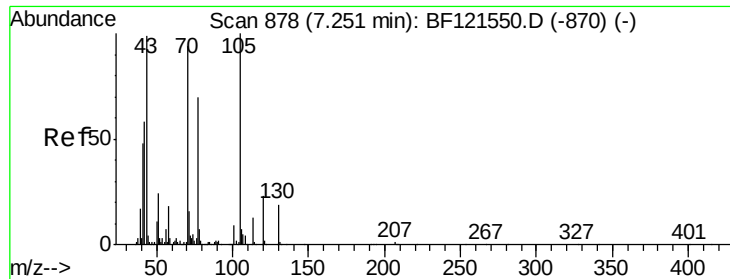
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#18
Hexachloroethane
Concen: 35.789 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	75.7	113.5	
201	93.0	77.5	116.3	





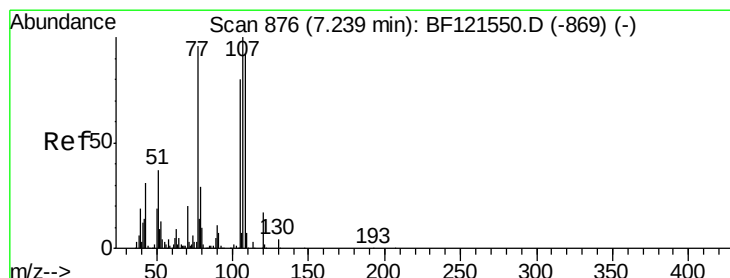
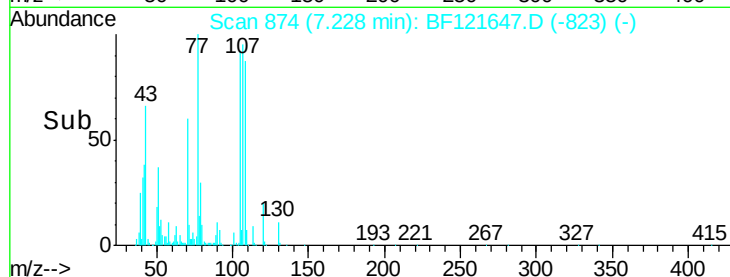
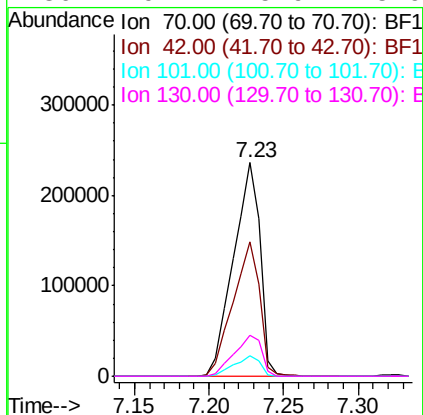
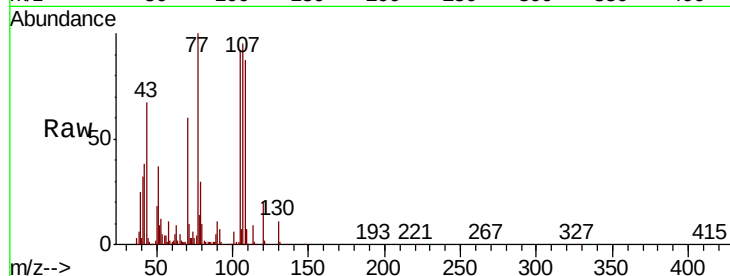
#19
n-Nitroso-di-n-propylamine
Concen: 36.535 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	48.3	72.5
101	9.4	7.6	11.4
130	19.1	15.9	23.9

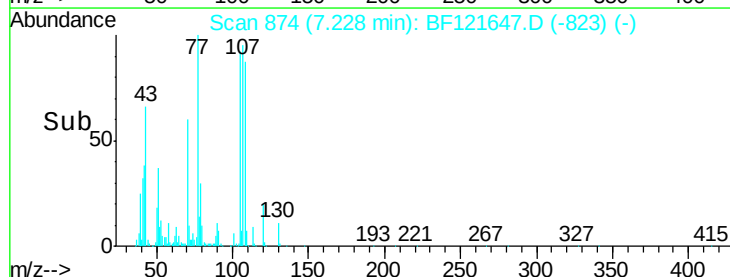
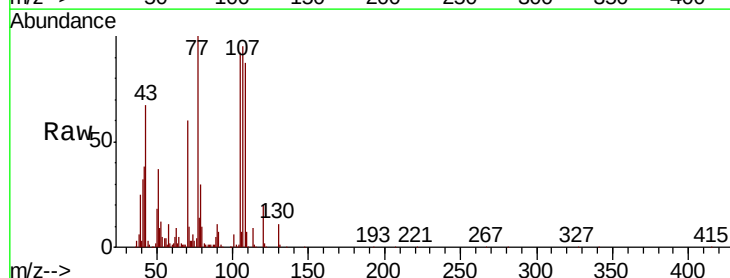
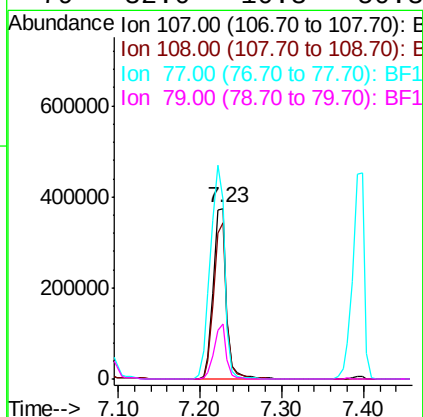
Manual Integrations
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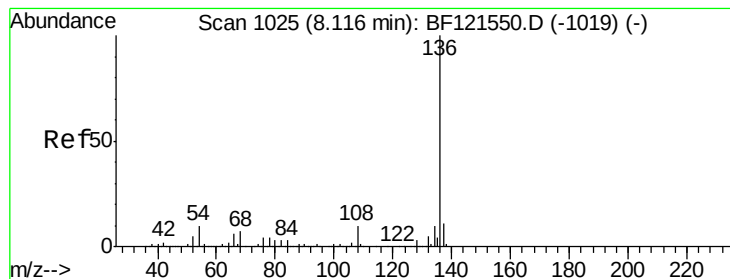
mohammad
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#20
3+4-Methylphenols
Concen: 37.520 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	67.0	107.0
77	105.2	107.7	147.7#
79	32.0	10.3	50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

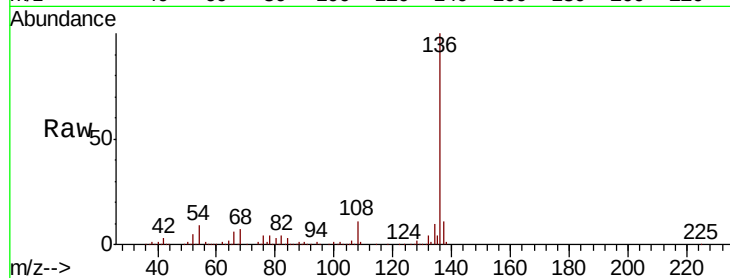
ClientSampleId :

PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	635536		
137	11.1	8.9	13.3	
54	9.4	7.4	11.0	
68	6.9	5.3	7.9	

Manual Integrations
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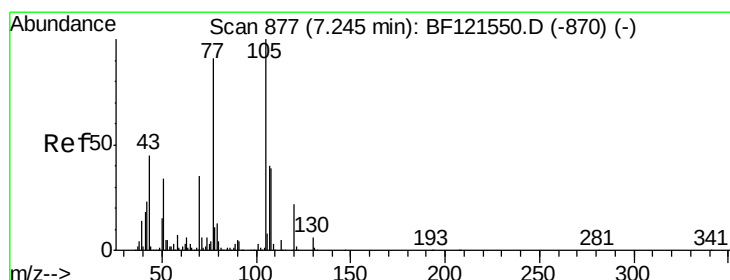
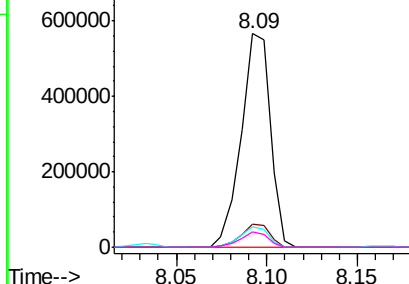
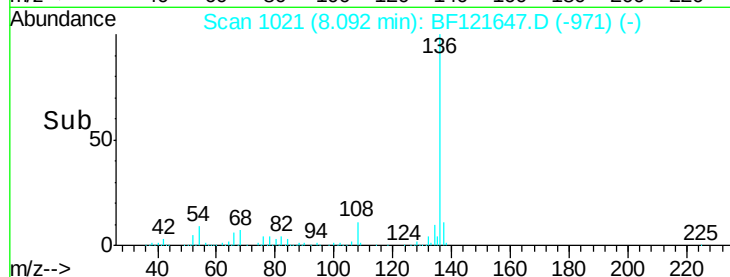
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.855 ng

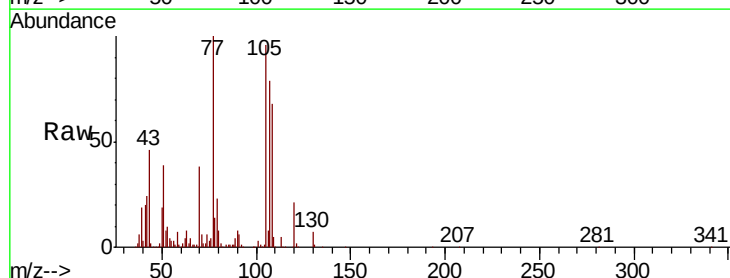
RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562024		
71	6.4	5.5	8.3	
51	40.4	31.7	47.5	
120	21.4	17.4	26.2	



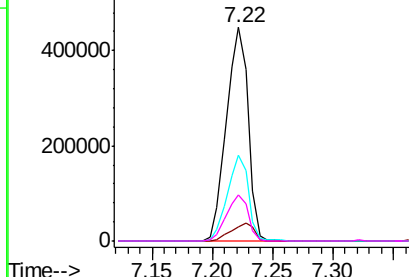
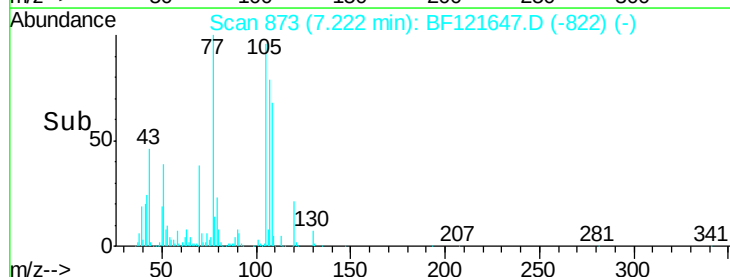
Abundance

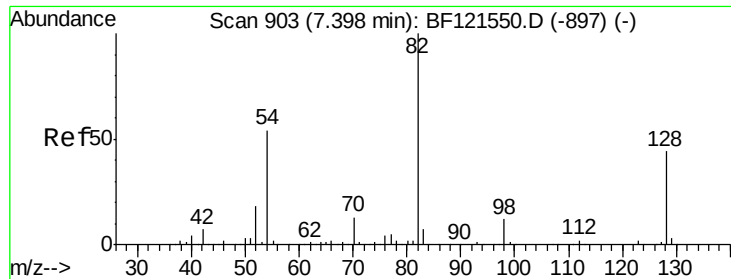
Ion 105.00 (104.70 to 105.70): E

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





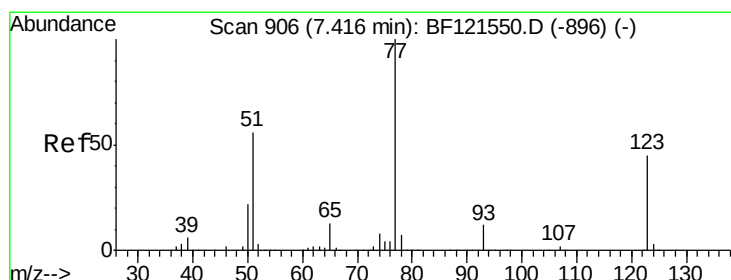
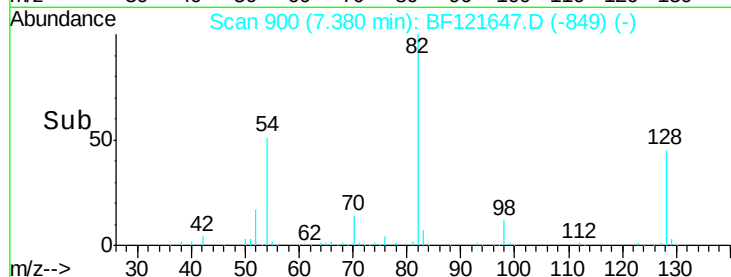
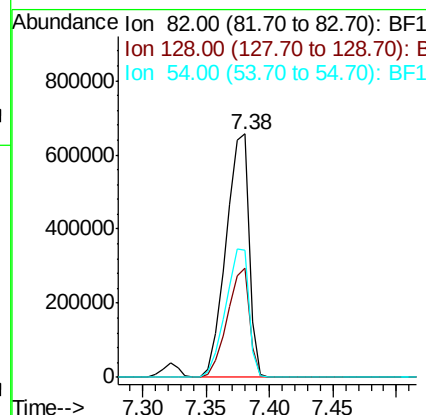
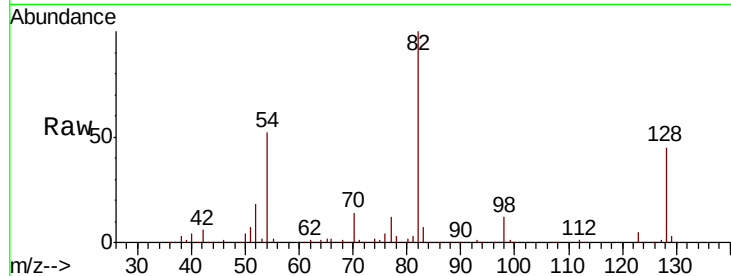
#23
Nitrobenzene-d5
Concen: 69.980 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.9	50.9
54	52.0	42.9	64.3

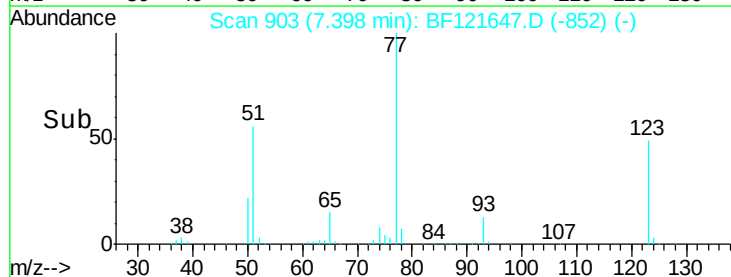
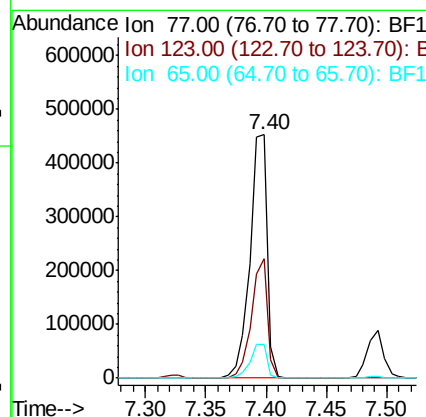
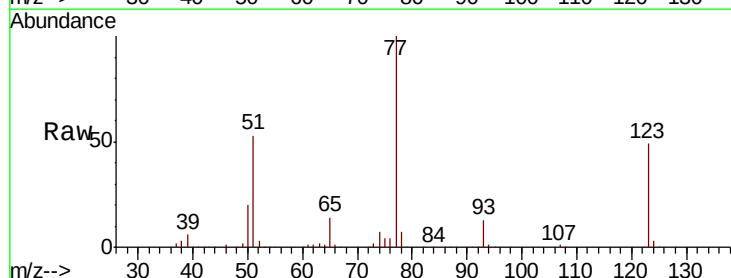
Manual Integrations
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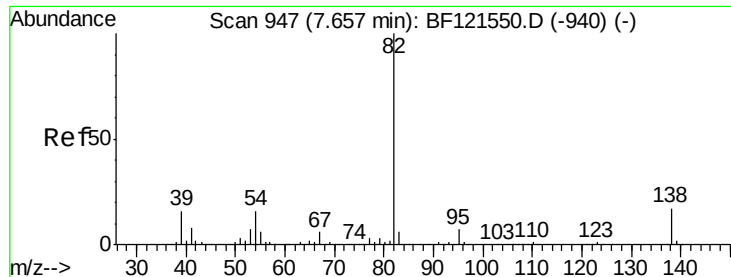
mohammad
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#24
Nitrobenzene
Concen: 35.439 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	35.8	53.8
65	13.6	11.2	16.8





#25

Isophorone

Concen: 35.256 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

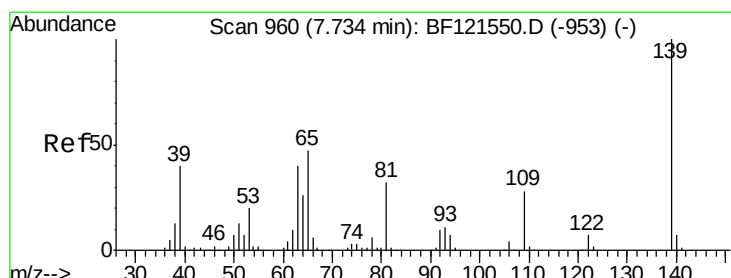
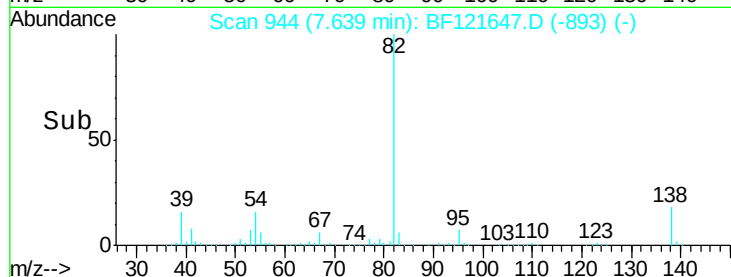
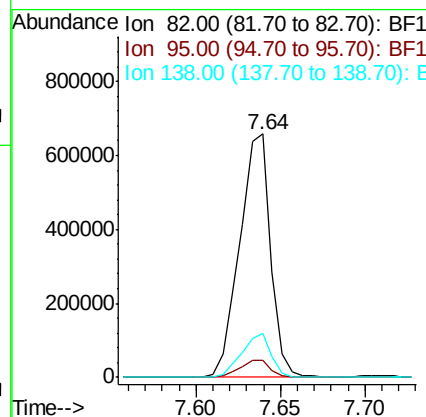
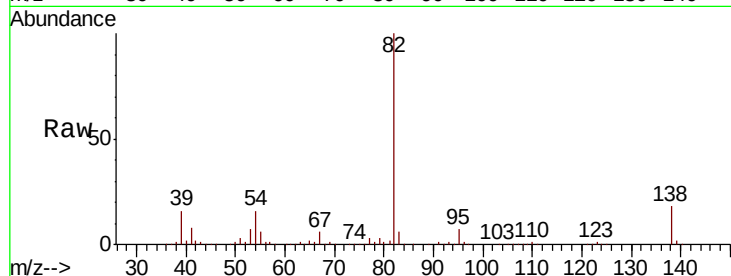
ClientSampleId :

PB131763BSD

Tot Ion:	82	Resp:	840060
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.8	13.2	19.8

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#26

2-Nitrophenol

Concen: 37.211 ng

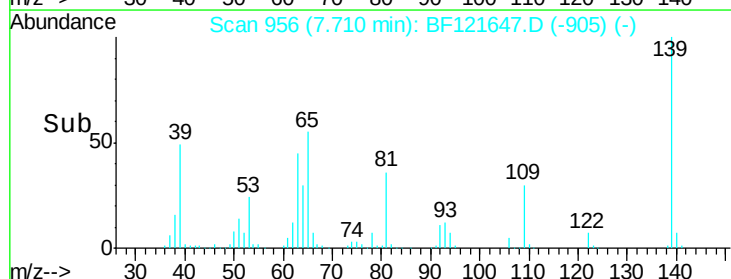
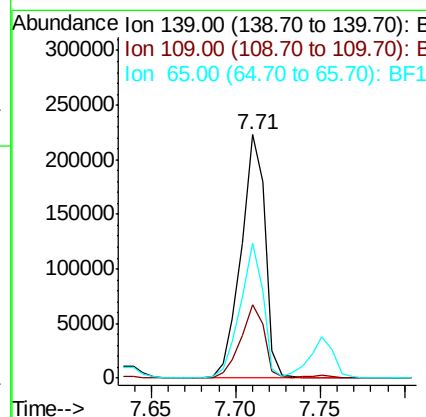
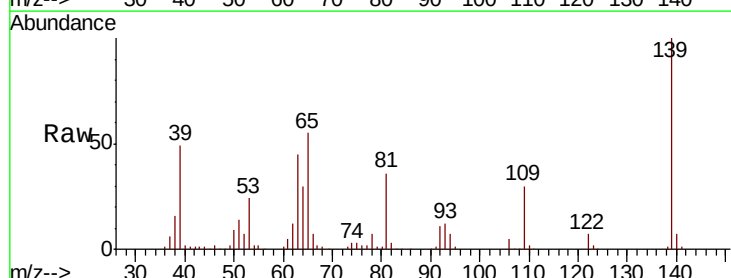
RT: 7.71 min Scan# 956

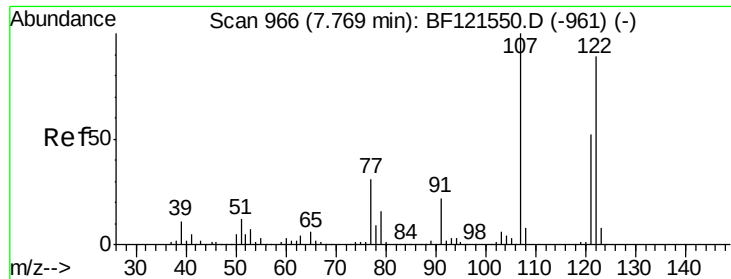
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:	139	Resp:	220604
Ion Ratio	Lower	Upper	
139	100		
109	30.1	23.4	35.2
65	55.2	41.0	61.4





#27

2,4-Dimethylphenol

Concen: 35.209 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

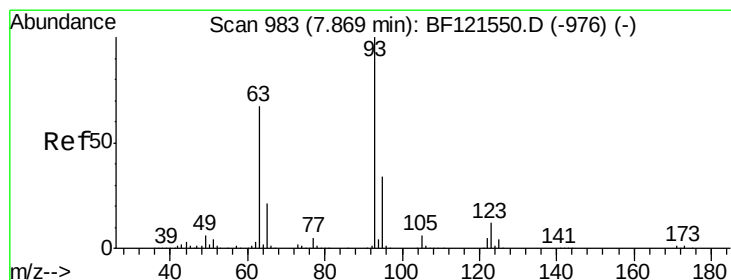
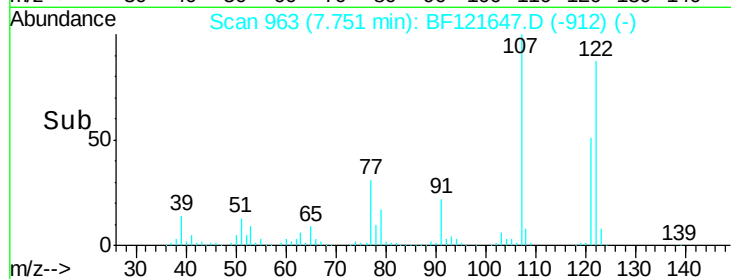
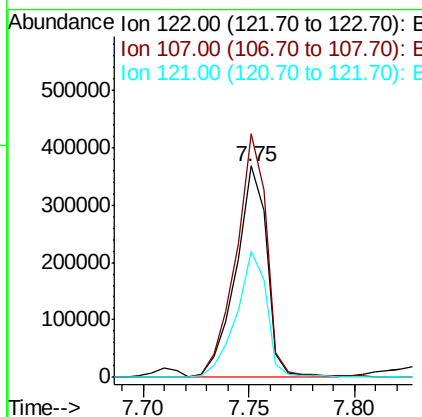
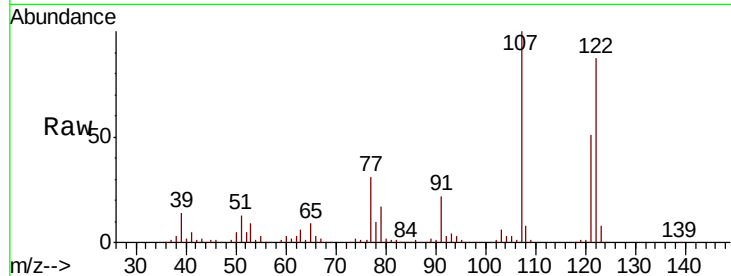
ClientSampled :

PB131763BSD

Tot Ion:	122	Resp:	374491
Ion Ratio	Lower	Upper	
122	100		
107	115.1	91.4	137.0
121	59.2	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 35.210 ng

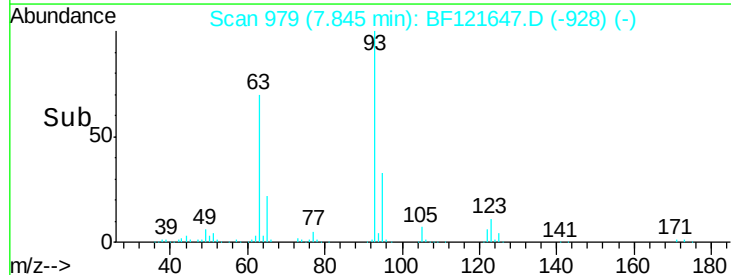
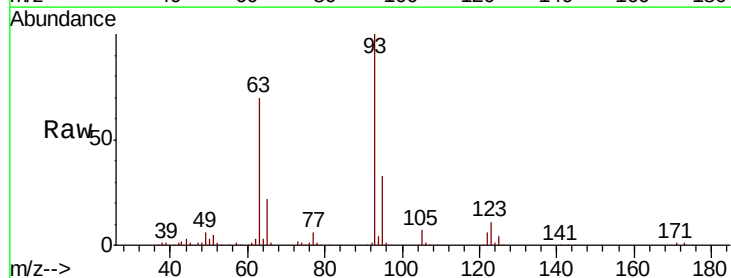
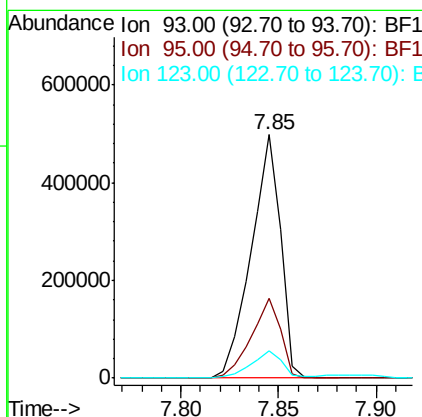
RT: 7.85 min Scan# 979

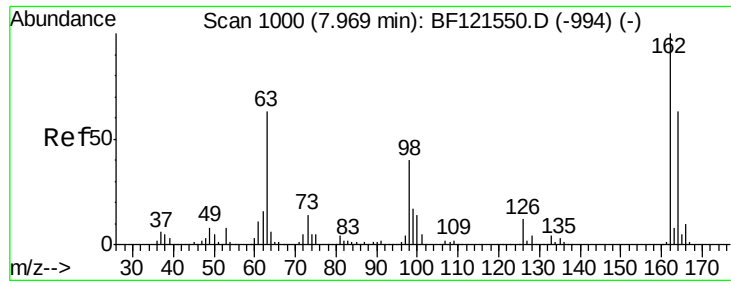
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:	93	Resp:	519384
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.1	9.3	13.9





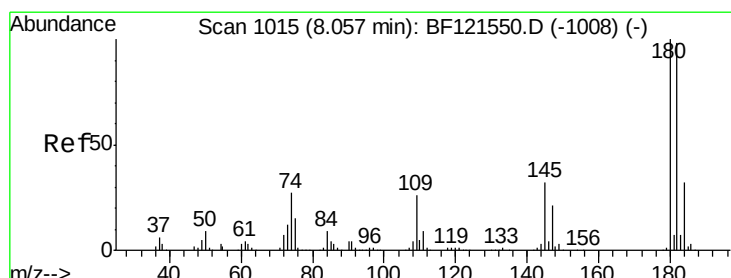
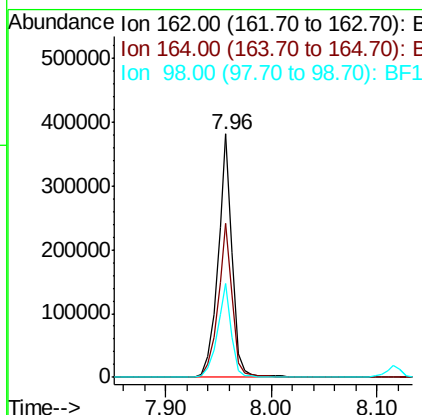
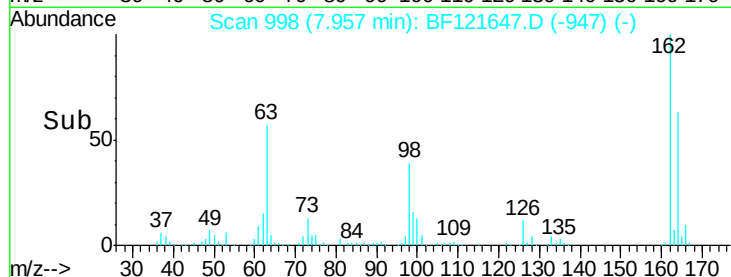
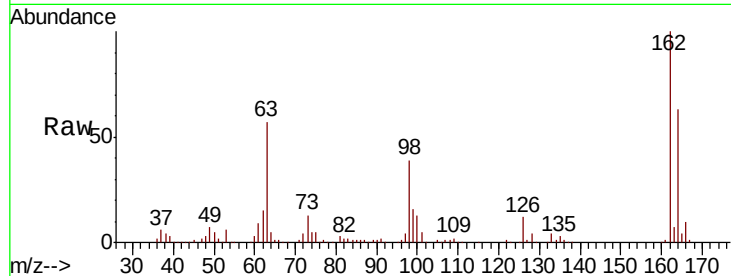
#29
 2,4-Dichlorophenol
 Concen: 37.230 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleID :
 PB131763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		360664		
164	63.4	44.1	84.1		
98	38.7	16.7	56.7		

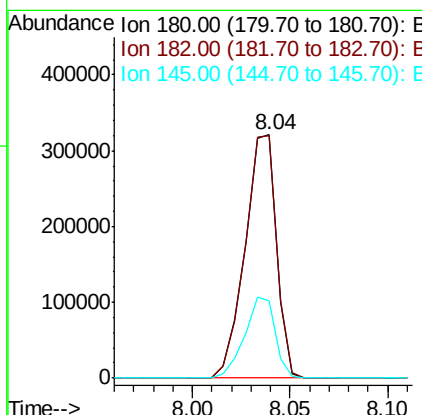
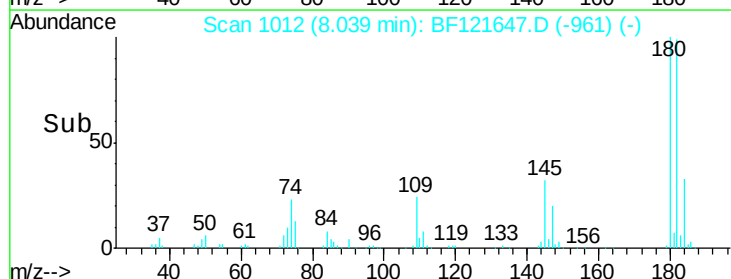
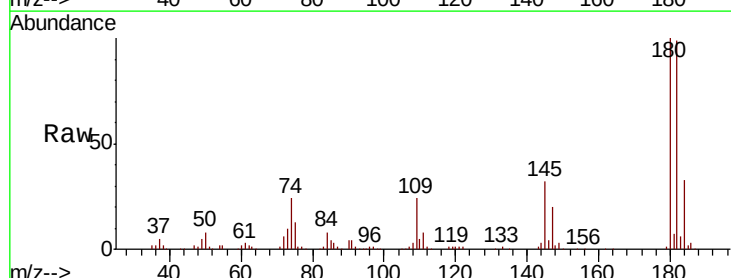
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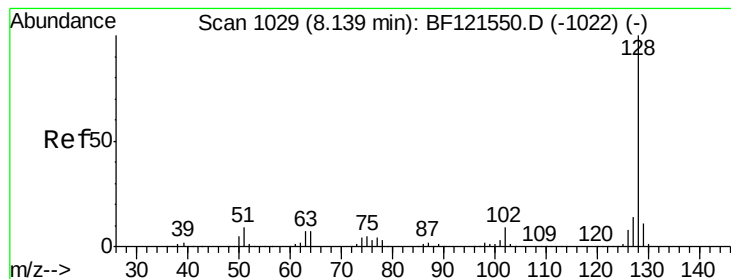
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.223 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		359365		
182	99.4	78.6	117.8		
145	31.7	26.2	39.2		





#31

Naphthalene

Concen: 35.182 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:128 Resp: 1180315

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

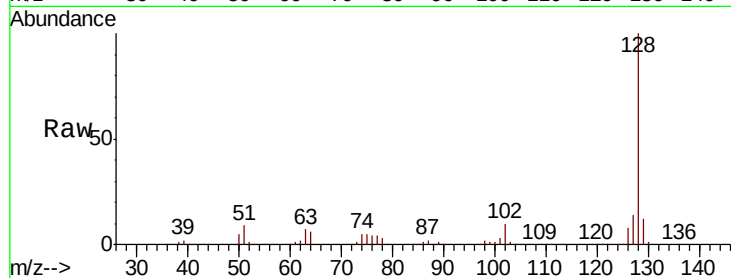
127 13.6 10.8 16.2

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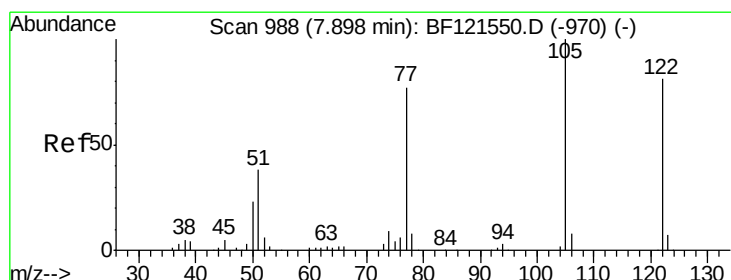
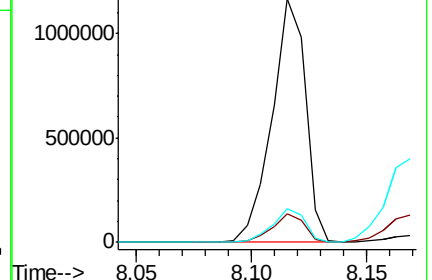
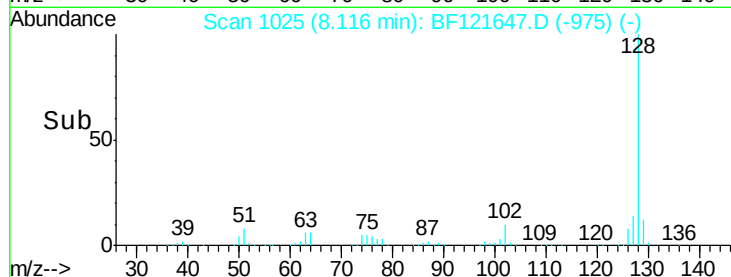
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.107 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

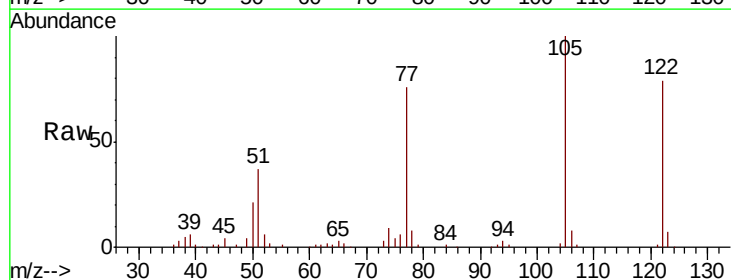
Tgt Ion:122 Resp: 252039

Ion Ratio Lower Upper

122 100

105 127.1 101.9 141.9

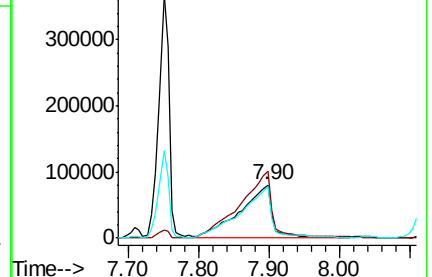
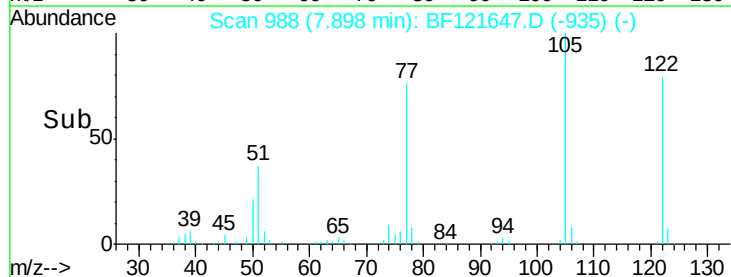
77 97.2 69.0 109.0

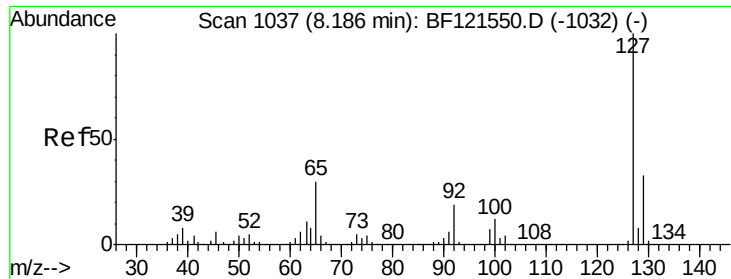


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





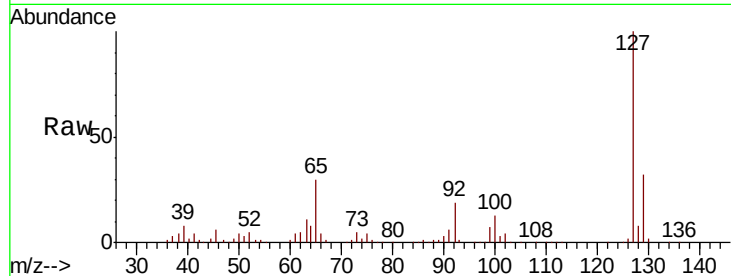
#33
4-Chloroaniline
Concen: 30.616 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.8	38.8		
65	29.9	26.3	39.5		
92	18.9	16.2	24.4		

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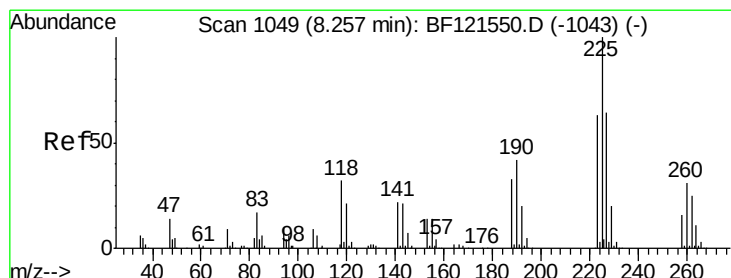
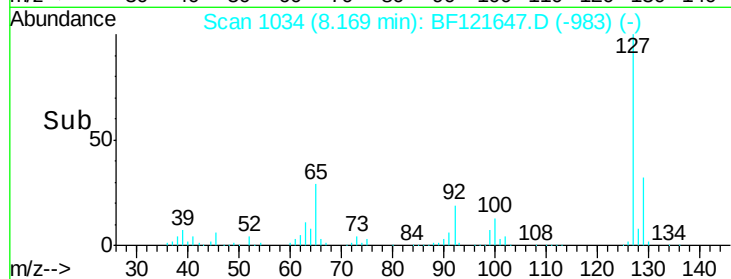
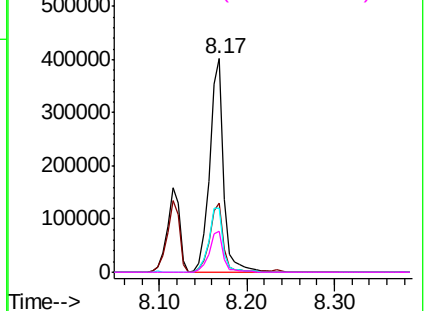
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

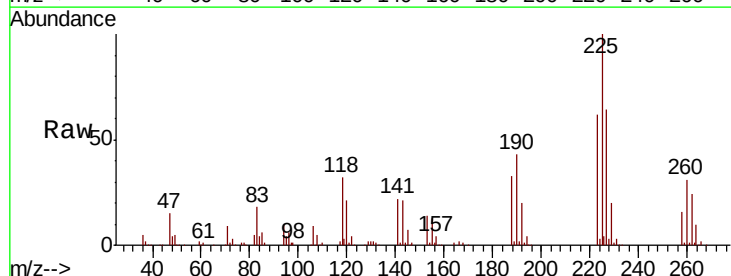
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.214 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	51.4	77.2		
227	63.6	51.7	77.5		

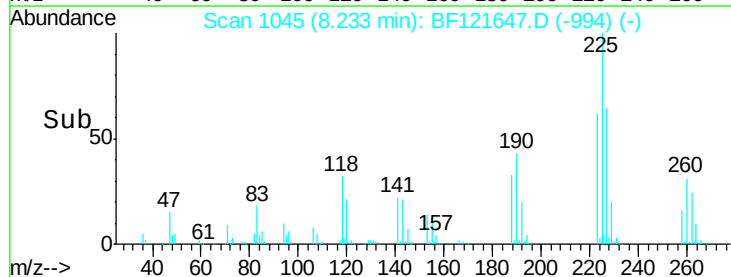
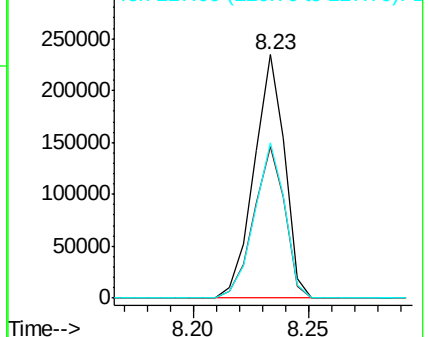


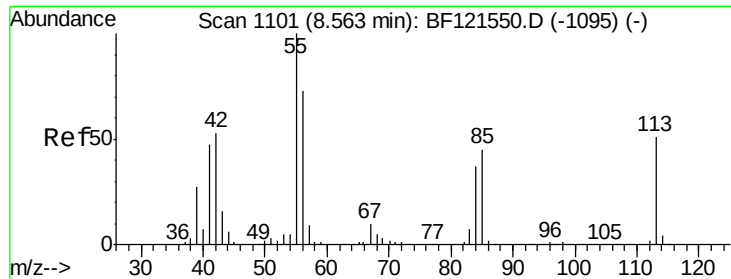
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





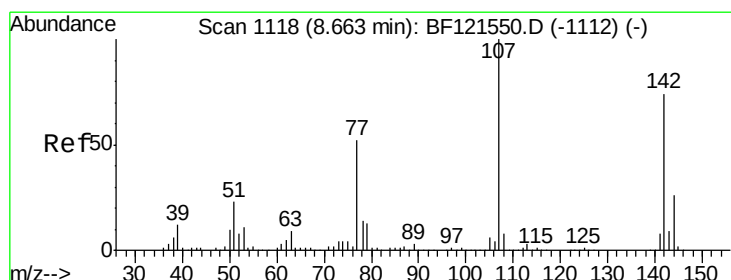
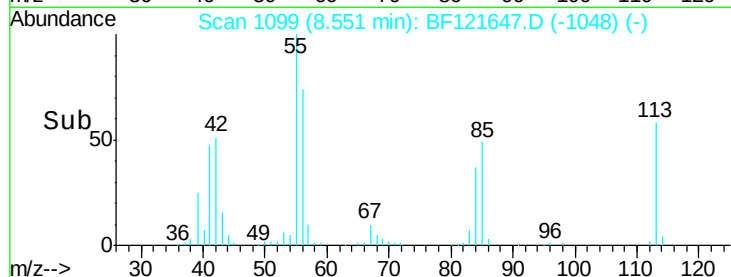
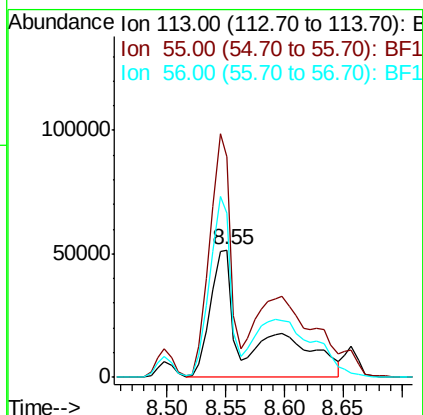
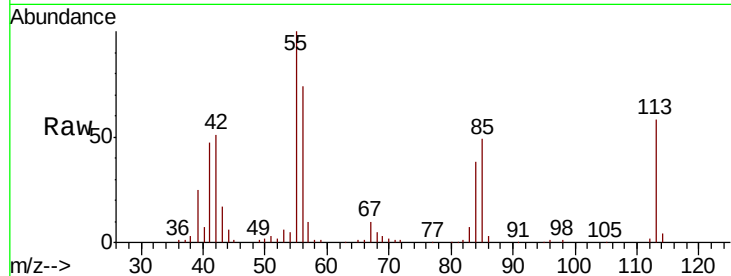
#35
 Caprolactam
 Concen: 39.308 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleID :
 PB131763BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.2	166.3	206.3
56	128.6	118.7	158.7

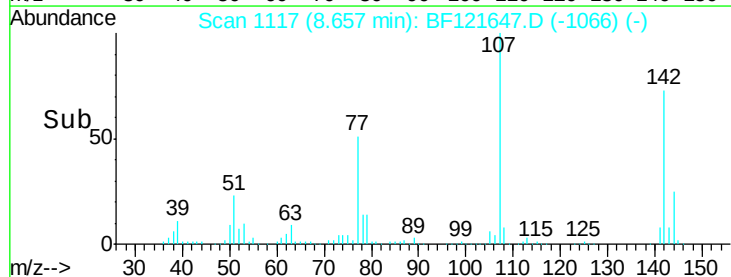
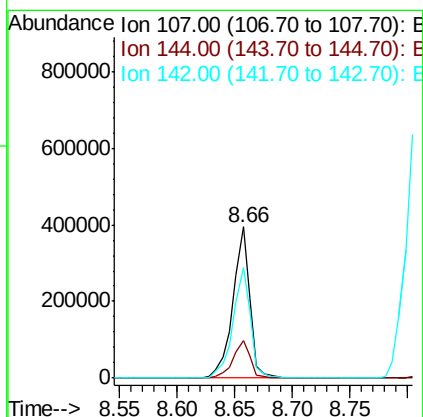
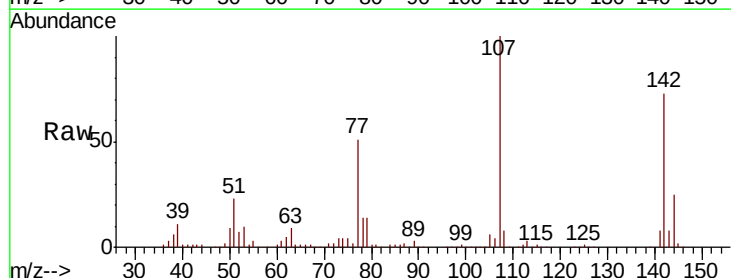
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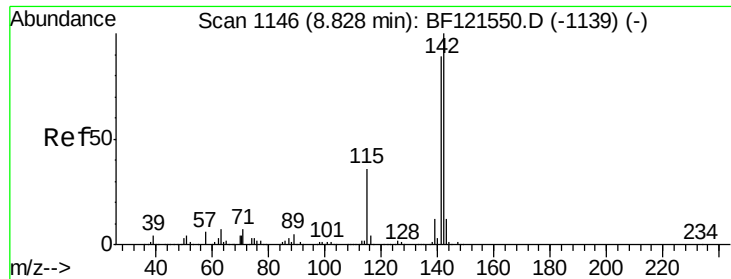
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#36
 4-Chloro-3-methylphenol
 Concen: 38.392 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.6	31.0
142	73.4	61.7	92.5





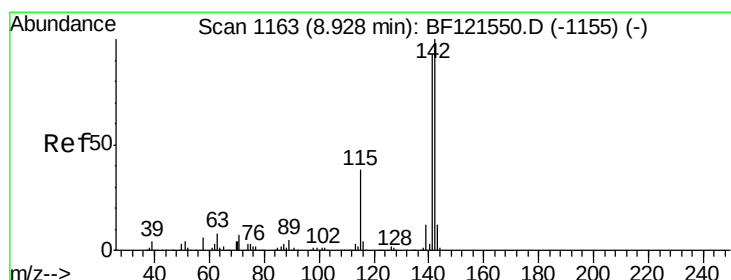
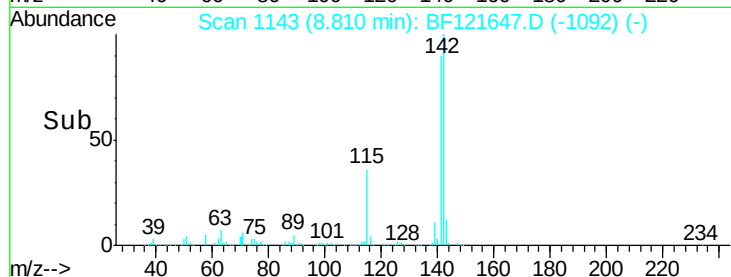
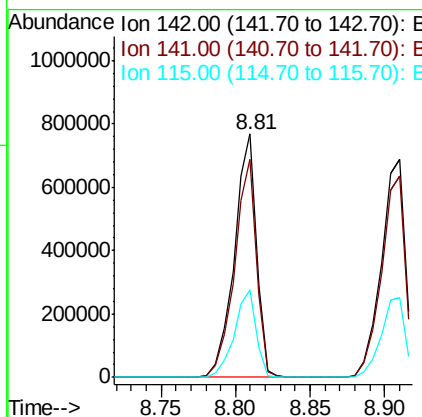
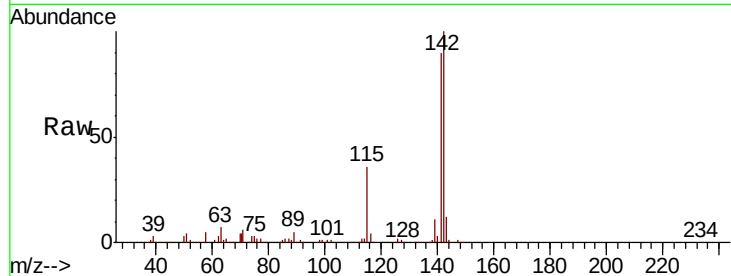
#37
2-Methylnaphthalene
Concen: 36.356 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2
115	36.1	28.5	42.7

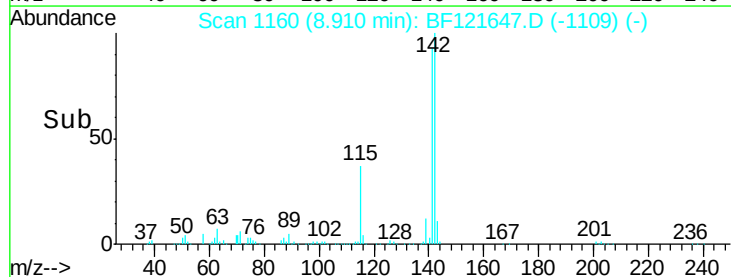
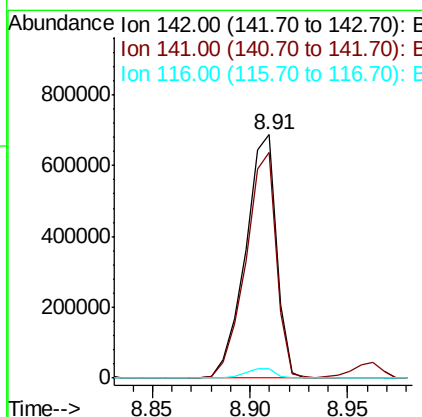
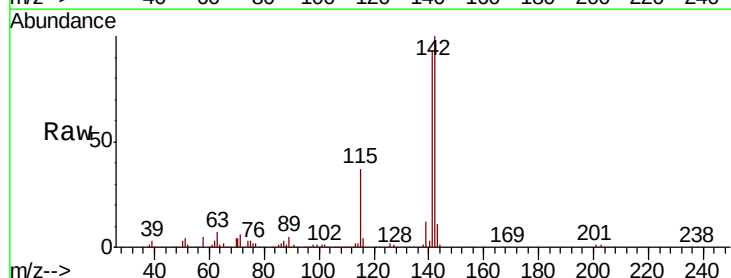
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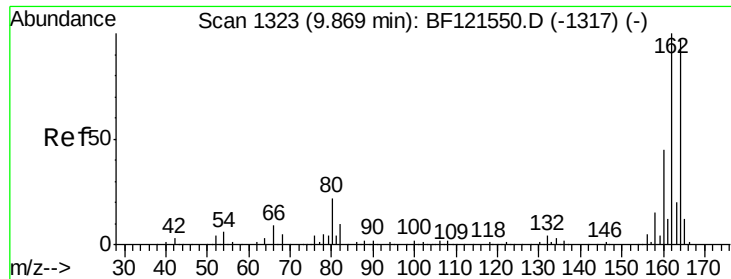
mohammad
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#38
1-Methylnaphthalene
Concen: 36.963 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:164 Resp: 347213

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

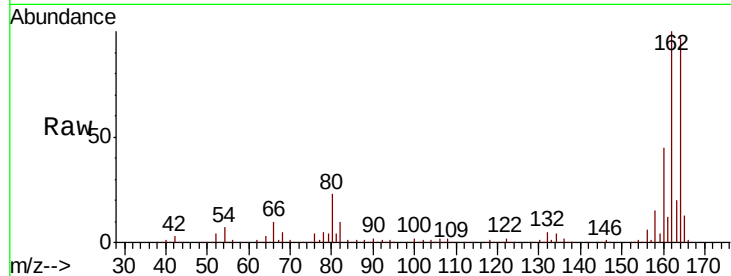
160 46.0 36.2 54.4

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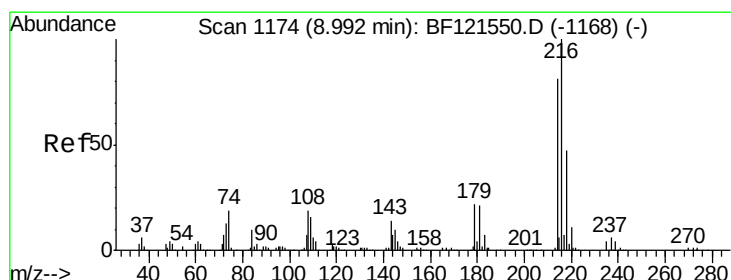
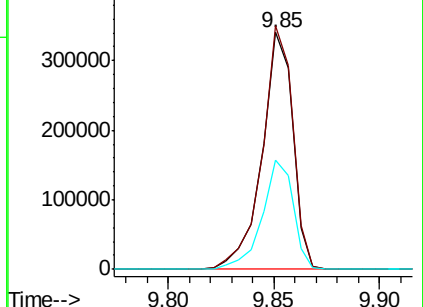
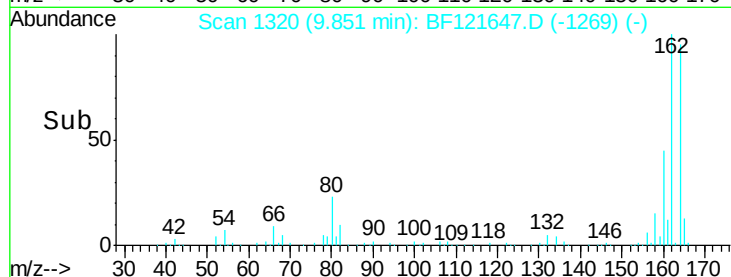
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.146 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:216 Resp: 370346

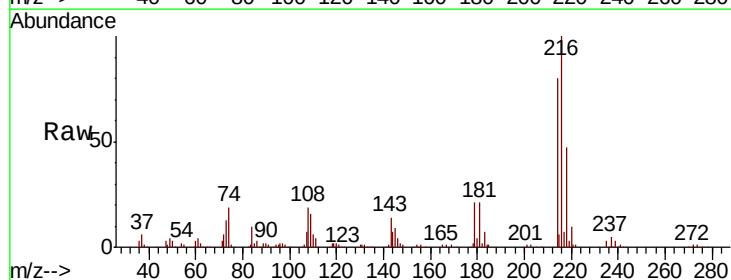
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.8 16.6 24.8

108 21.1 15.2 22.8

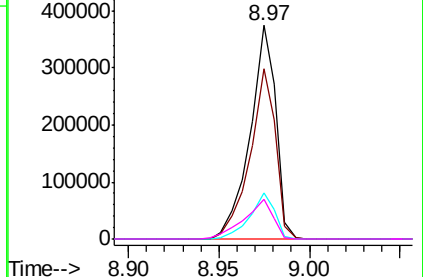
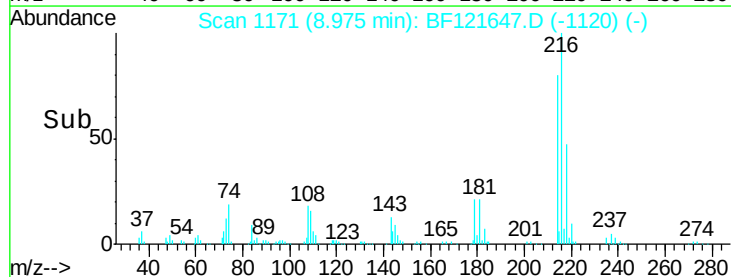


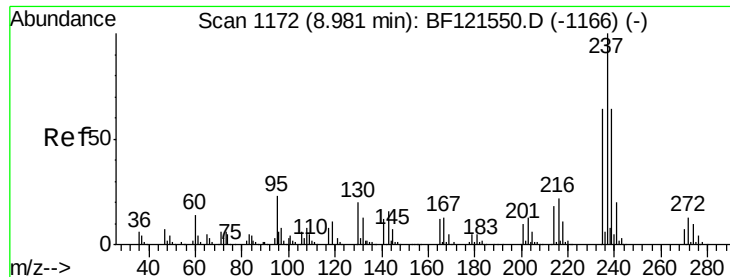
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.590 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

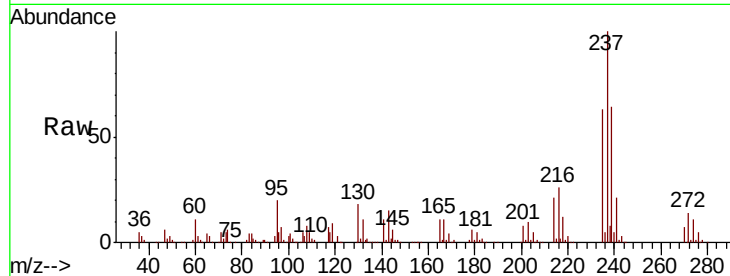
ClientSampleId :

PB131763BSD

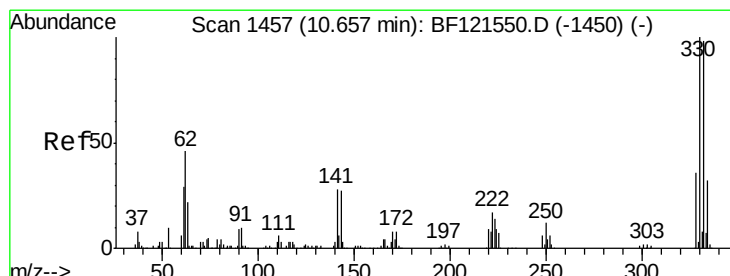
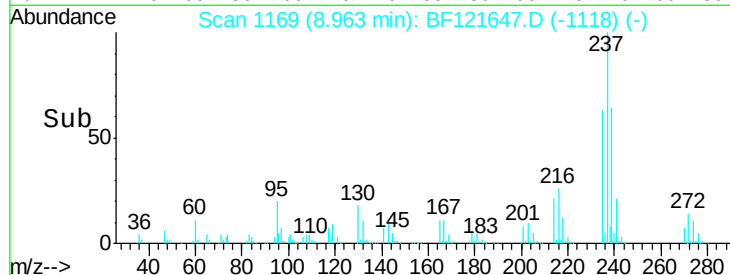
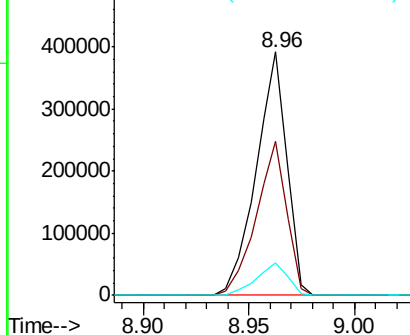
Tot Ion:	237	Resp:	393861
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	13.5	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 99.045 ng

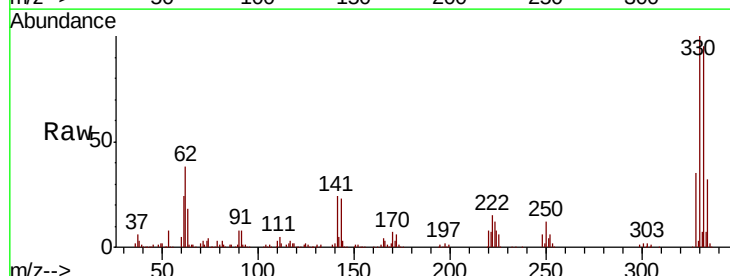
RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

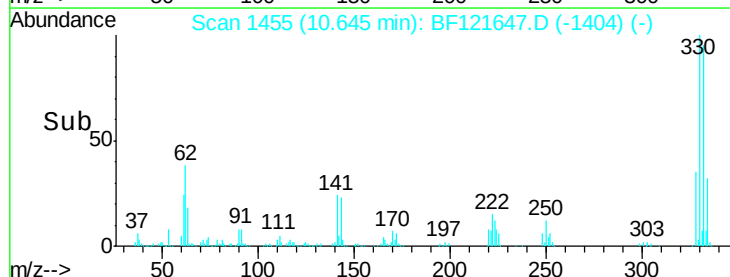
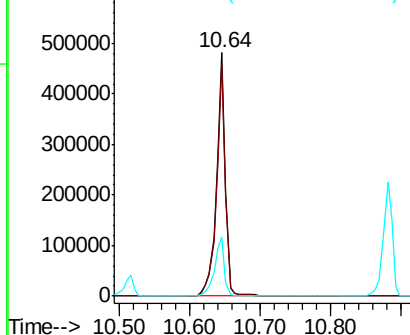
Lab File: BF121647.D

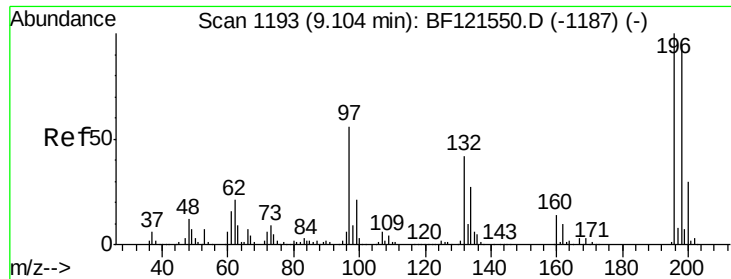
Acq: 22 Sep 2020 18:50

Tgt Ion:	330	Resp:	427420
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.9	115.3
141	27.1	22.4	33.6



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





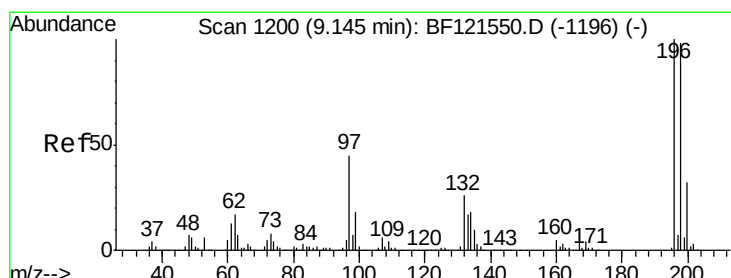
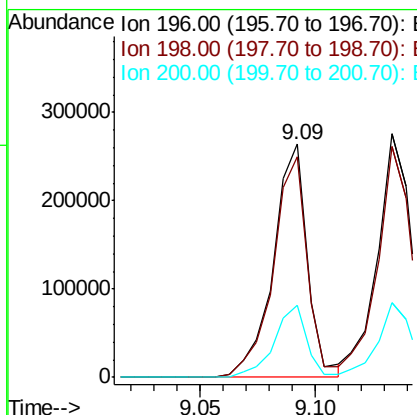
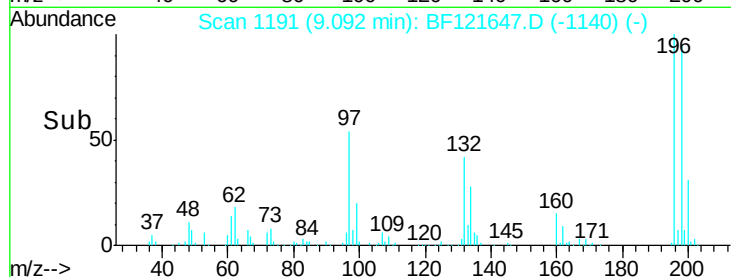
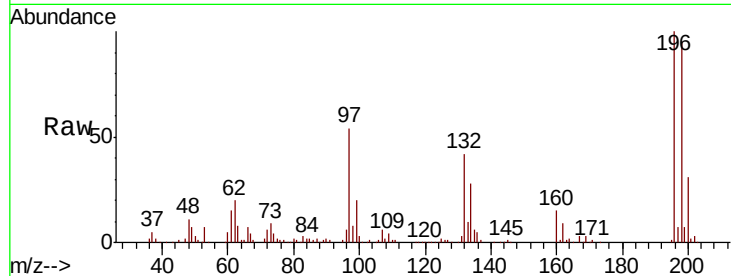
#43
 2,4,6-Trichlorophenol
 Concen: 36.476 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	269658		
198	94.8	75.4	113.2	
200	31.0	24.5	36.7	

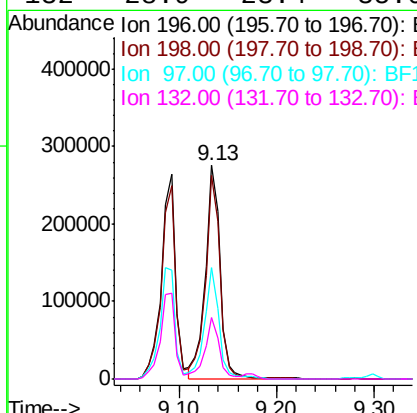
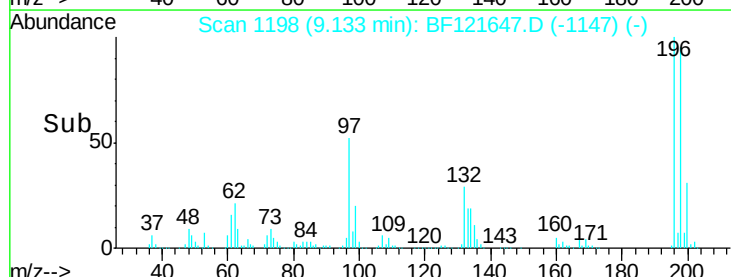
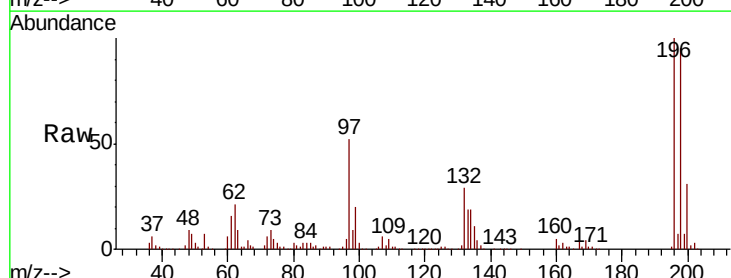
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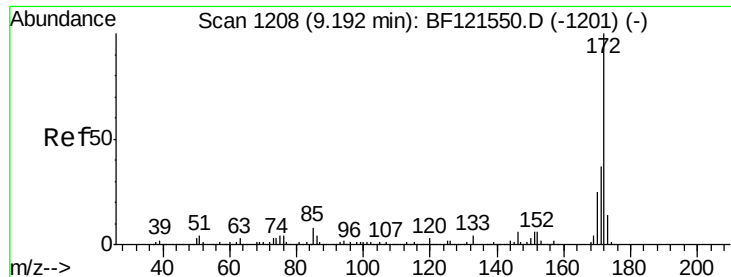
mohammad
 9/23/2020 10:43:16 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.190 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290649		
198	95.0	74.3	111.5	
97	52.0	44.2	66.2	
132	28.9	23.4	35.0	





#45

2-Fluorobiphenyl

Concen: 66.122 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:172 Resp: 1515878

Ion Ratio Lower Upper

172 100

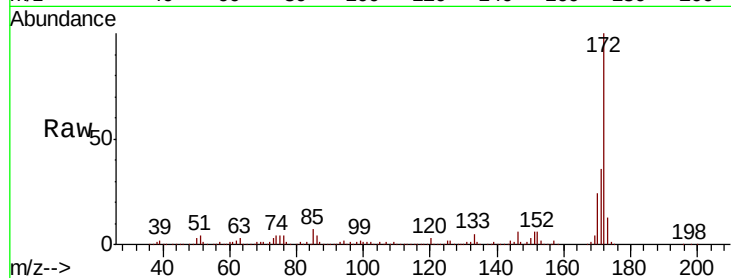
171 36.2 29.3 43.9

170 24.2 19.5 29.3

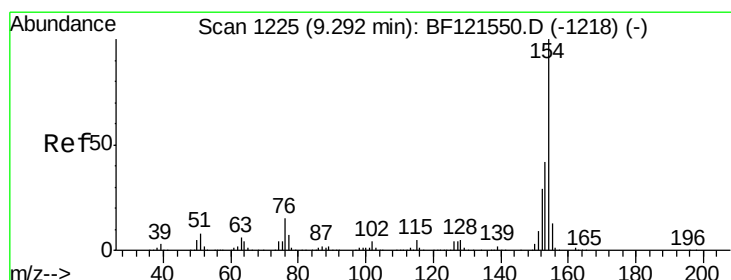
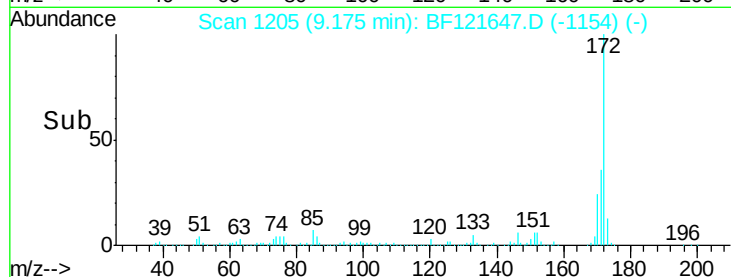
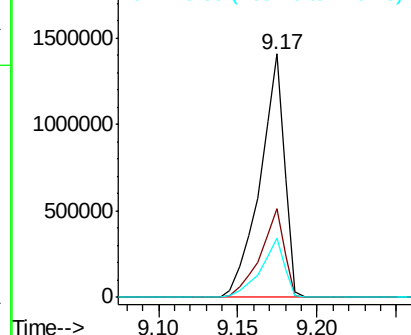
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 35.170 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

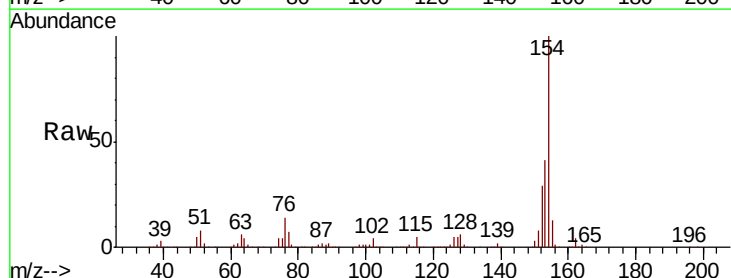
Tgt Ion:154 Resp: 977619

Ion Ratio Lower Upper

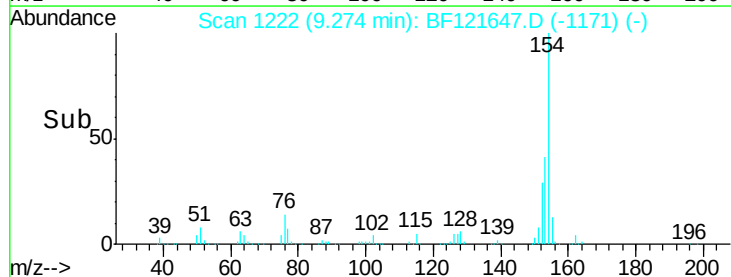
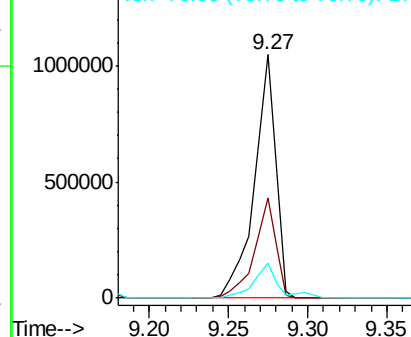
154 100

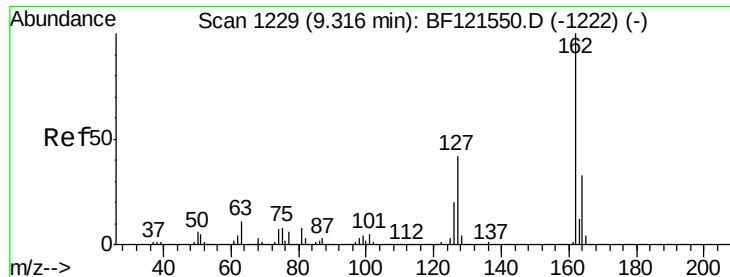
153 41.3 21.1 61.1

76 14.1 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





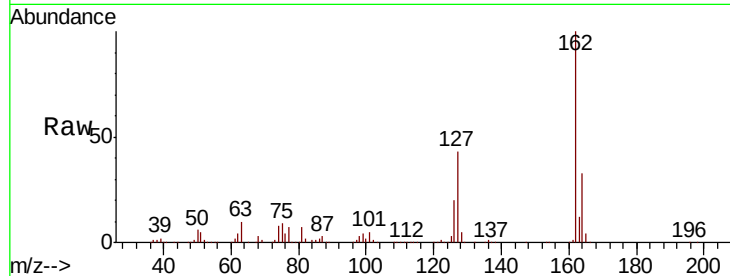
#47
 2-Chloronaphthalene
 Concen: 34.408 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

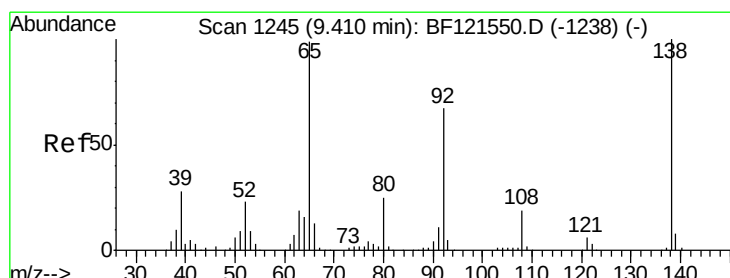
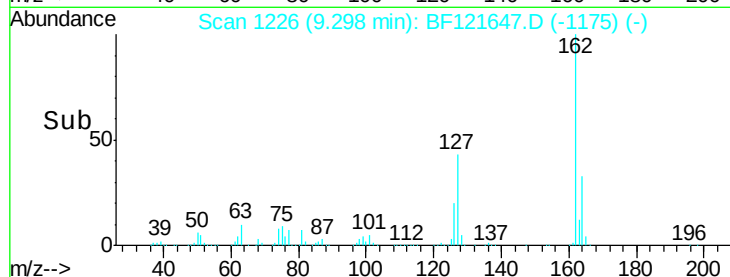
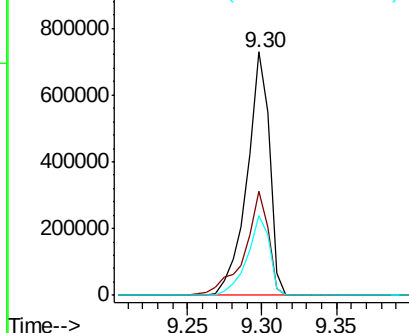
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	43.0	34.2	51.4		
164	32.9	27.0	40.4		

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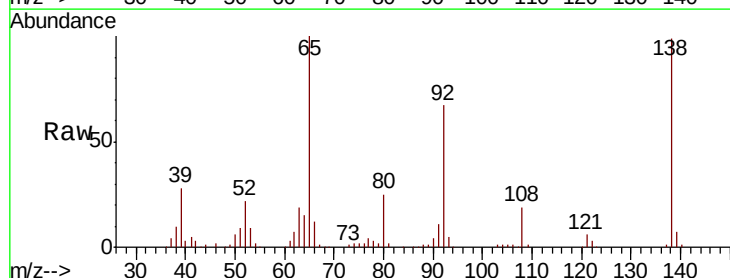


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

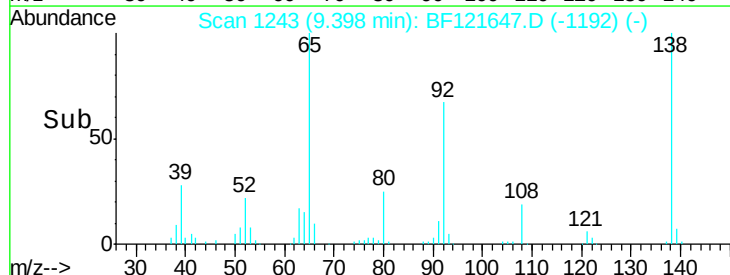
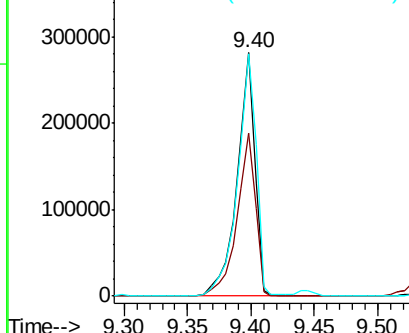


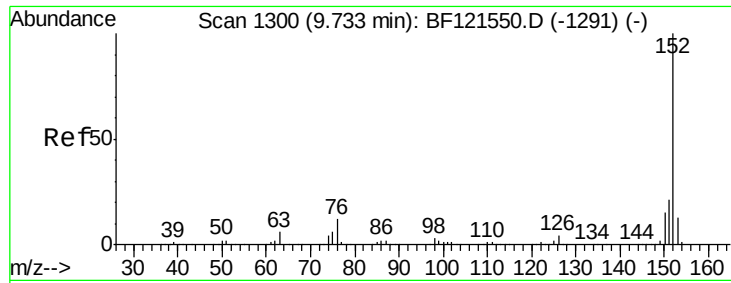
#48
 2-Nitroaniline
 Concen: 39.988 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	67.2	56.0	84.0		
138	99.4	84.7	127.1		



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





#49

Acenaphthylene

Concen: 36.048 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

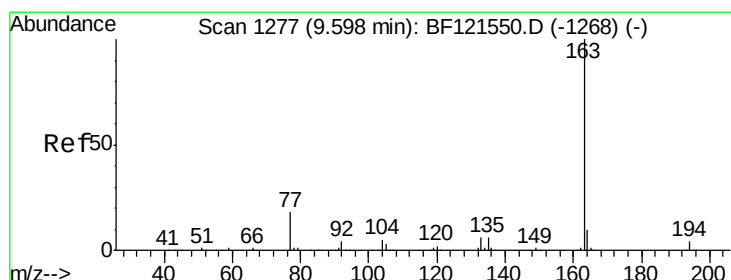
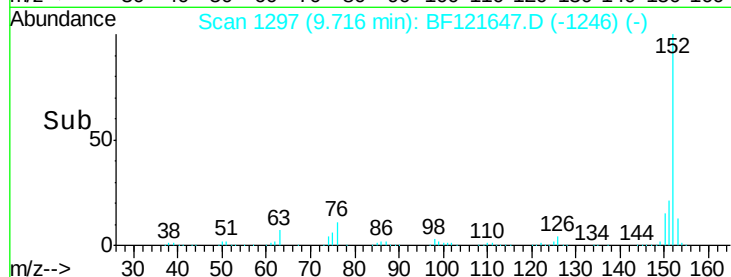
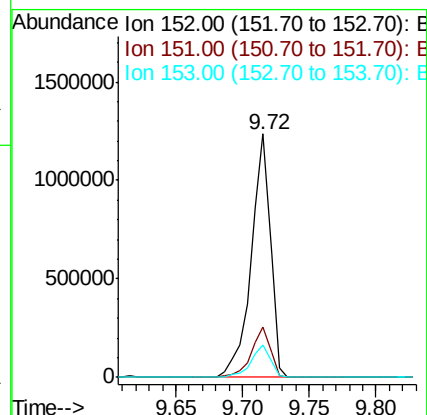
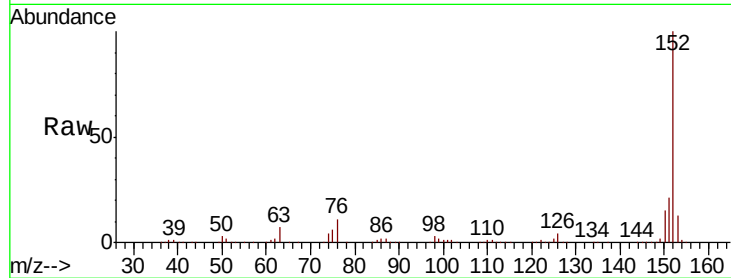
ClientSampleId :

PB131763BSD

Tot Ion:	152	Resp:	1213221
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.5	10.7	16.1

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#50

Dimethylphthalate

Concen: 37.442 ng

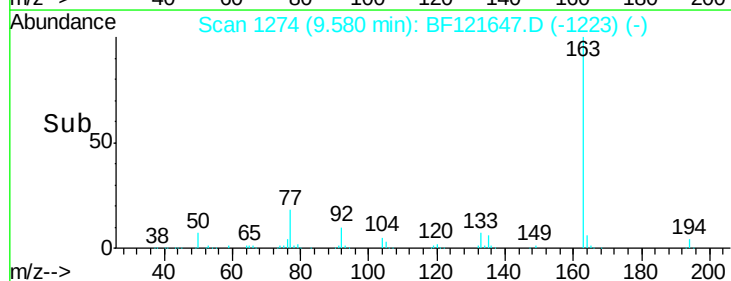
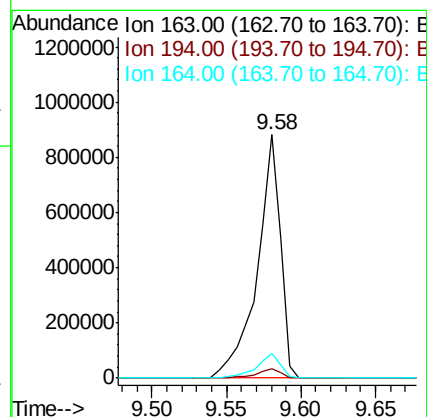
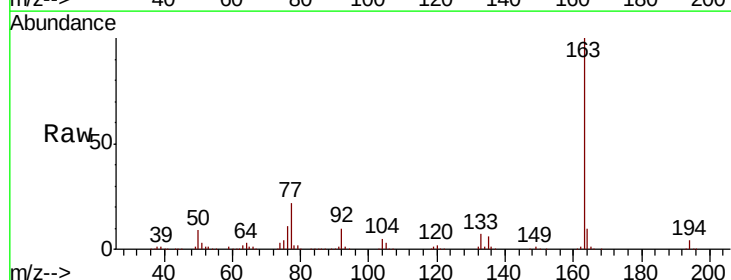
RT: 9.58 min Scan# 1274

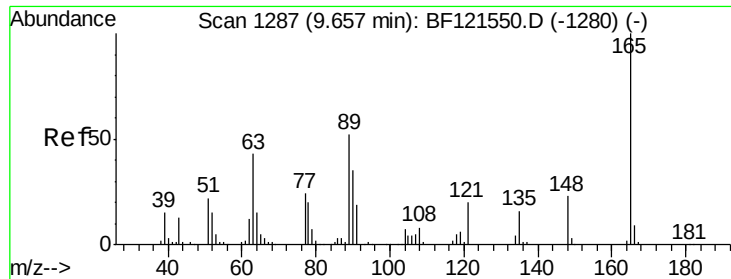
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:	163	Resp:	942258
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.0	12.0





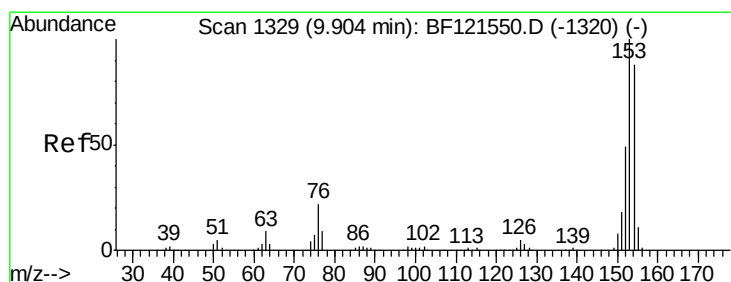
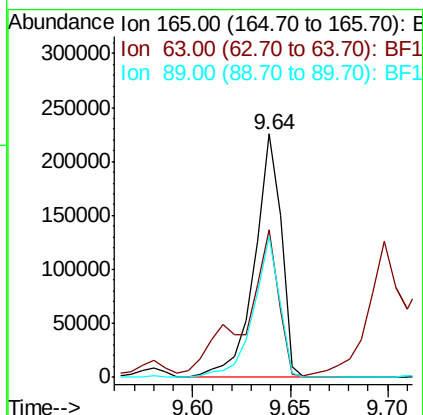
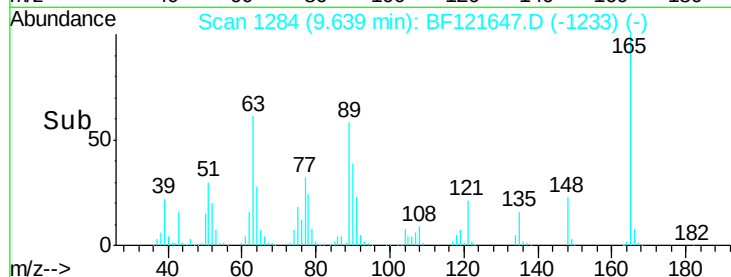
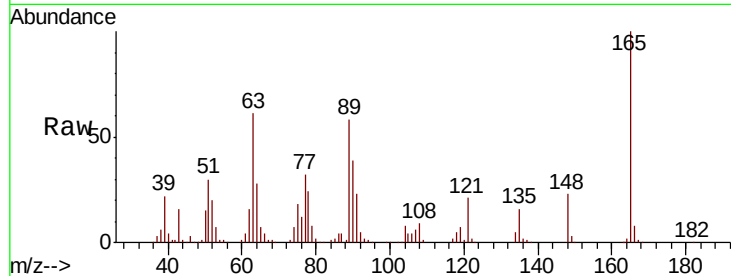
#51
 2,6-Dinitrotoluene
 Concen: 39.791 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	213254		
63	60.6	47.6	71.4	
89	58.1	46.0	69.0	

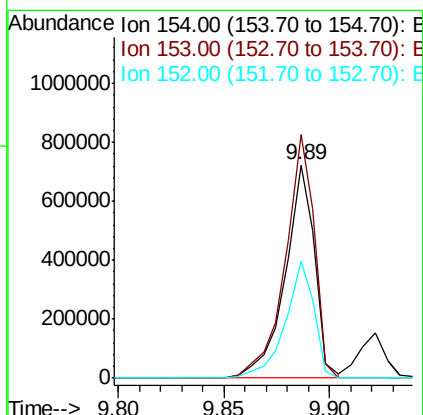
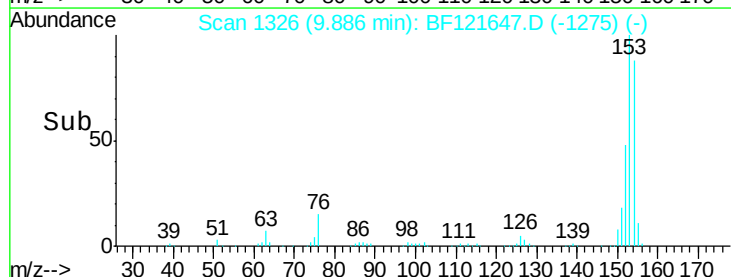
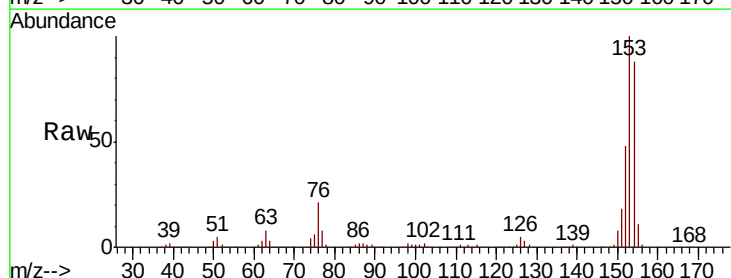
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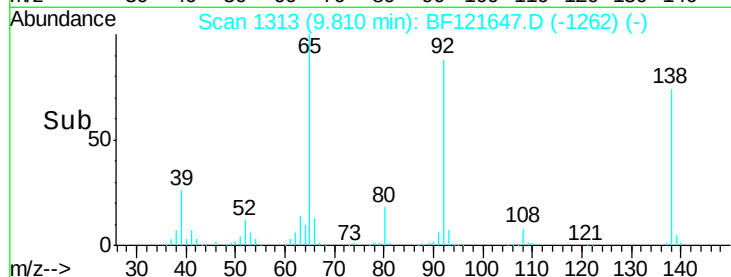
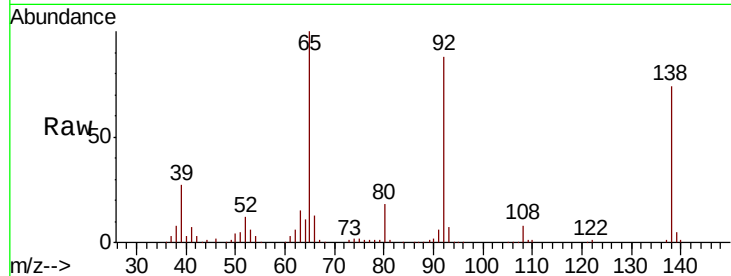
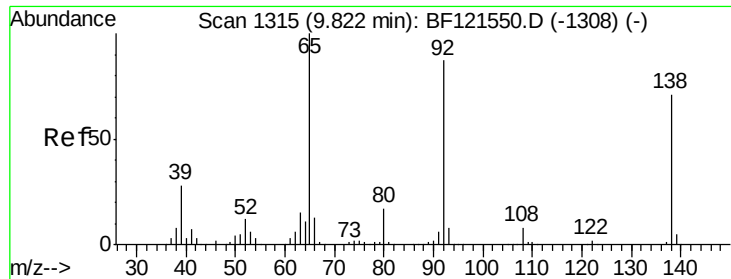
mohammad
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#52
 Acenaphthene
 Concen: 33.214 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	706042		
153	114.3	89.9	134.9	
152	55.1	43.8	65.6	





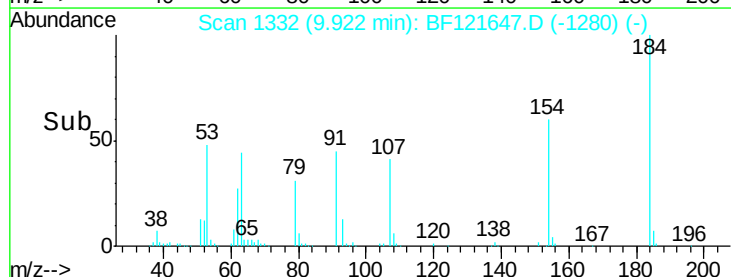
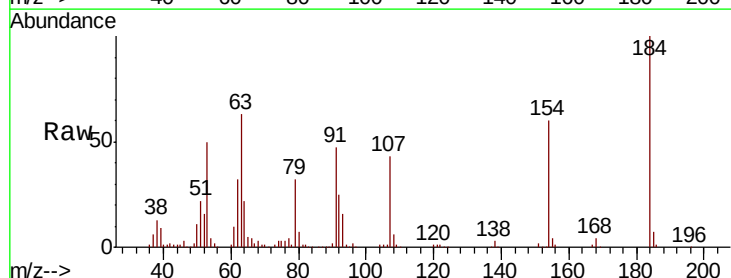
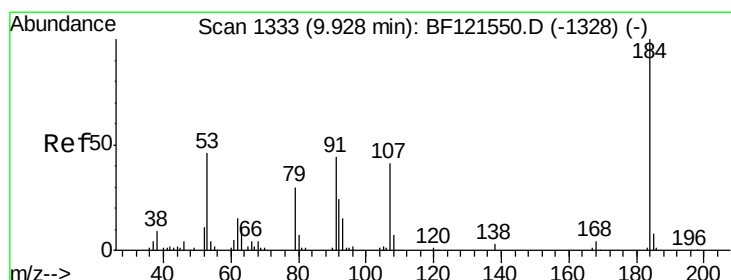
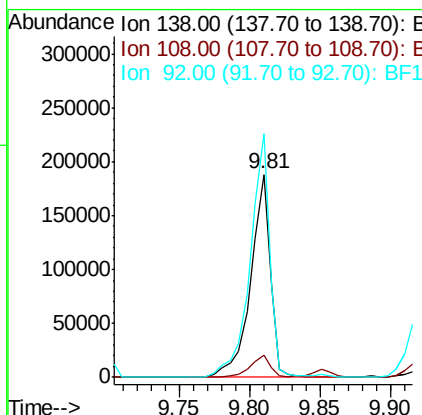
#53
3-Nitroaniline
Concen: 29.766 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	120.1	96.5	144.7

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

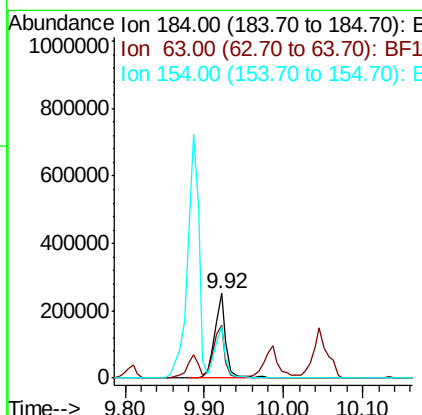
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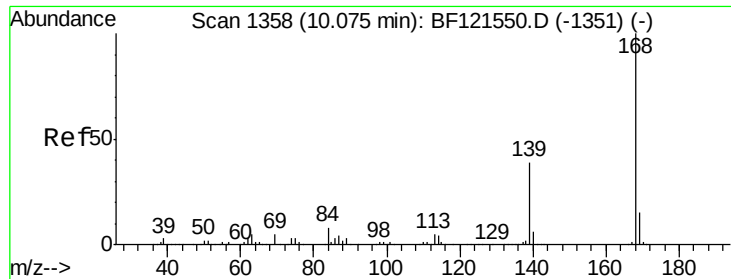
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#54
2,4-Dinitrophenol
Concen: 79.624 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	51.5	77.3
154	60.4	46.6	70.0





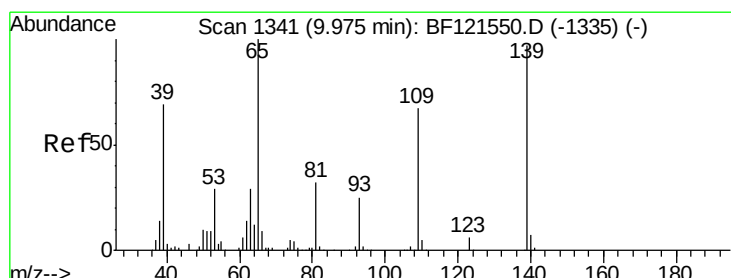
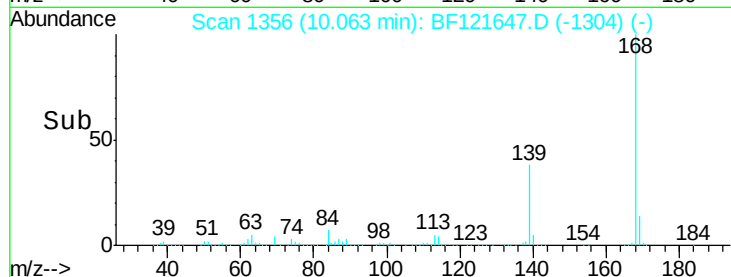
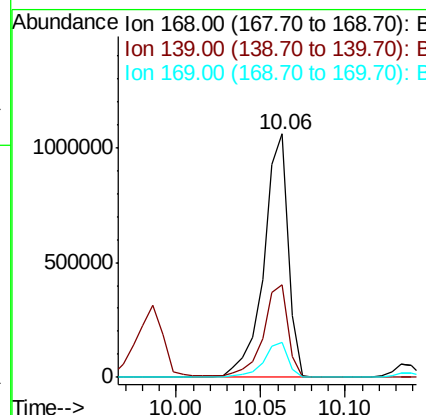
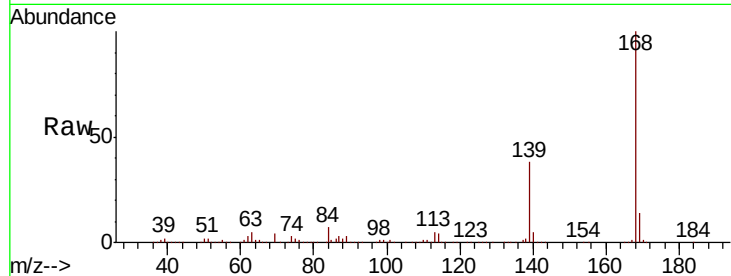
#55
Dibenzofuran
Concen: 35.392 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.8	47.8
169	14.2	11.6	17.4

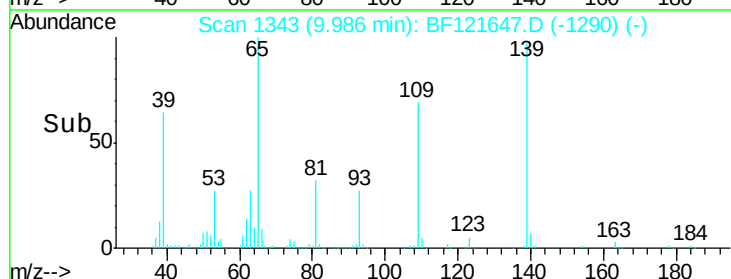
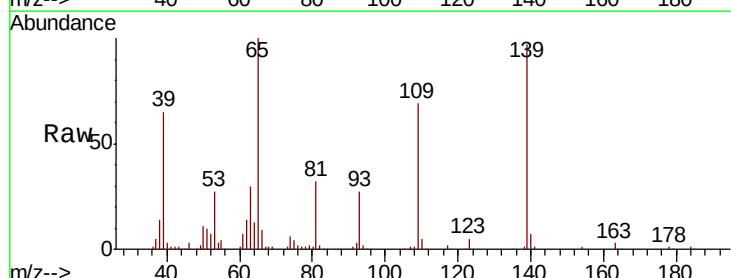
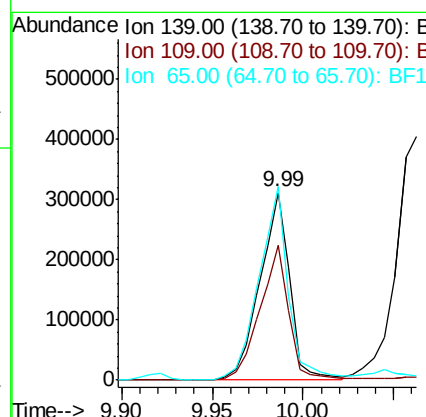
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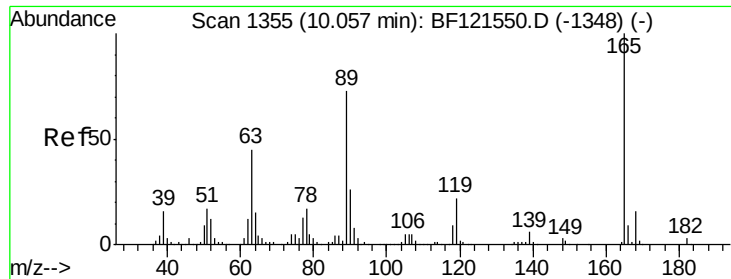
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#56
4-Nitrophenol
Concen: 71.939 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	48.1	88.1
65	103.4	74.7	114.7





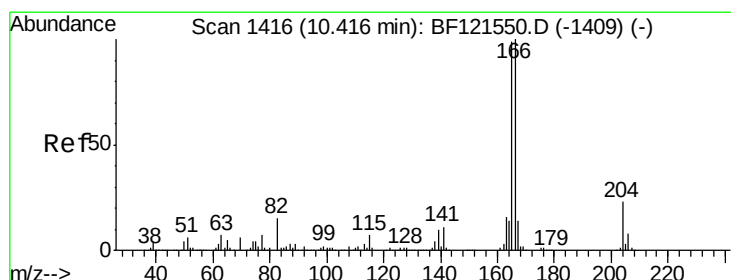
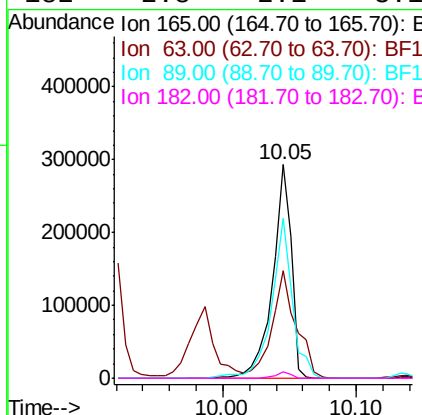
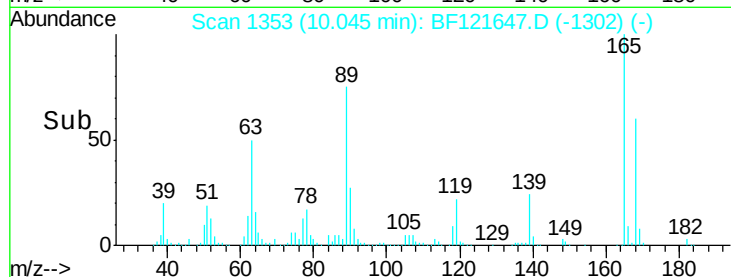
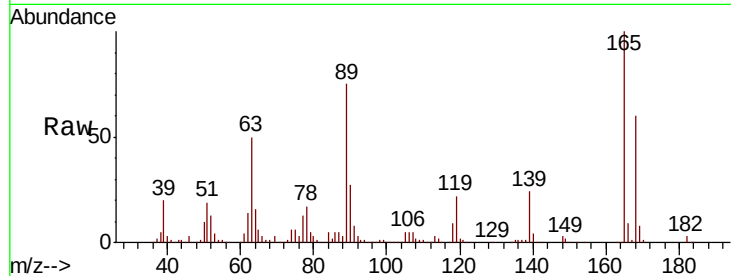
#57
2,4-Dinitrotoluene
Concen: 42.527 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		286739		
63	50.5	36.7	55.1		
89	74.9	57.7	86.5		
182	2.8	2.1	3.1		

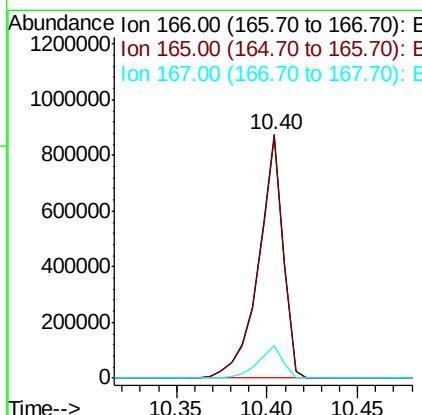
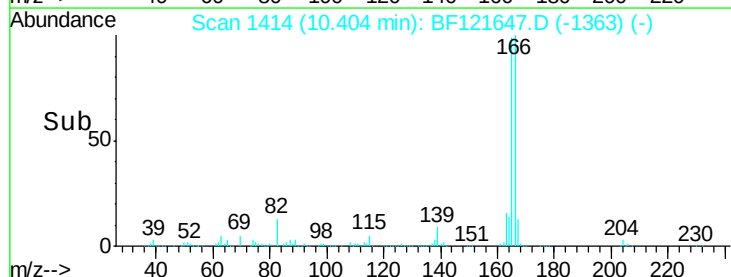
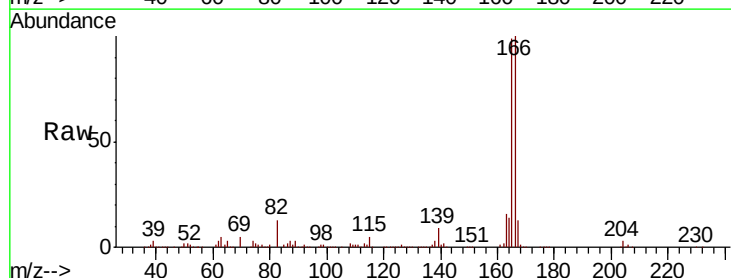
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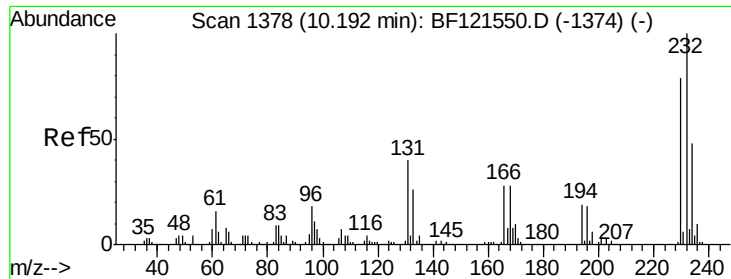
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#58
Fluorene
Concen: 36.047 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		825222		
165	99.0	80.1	120.1		
167	13.5	10.8	16.2		





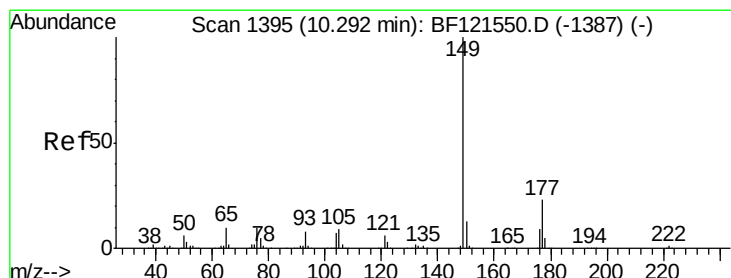
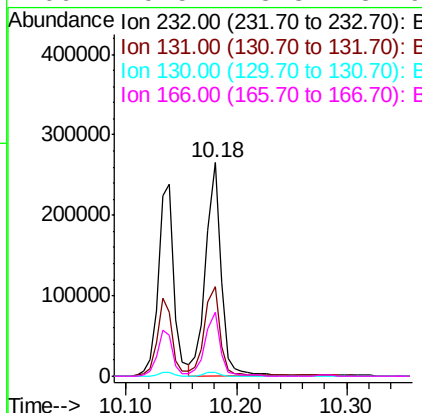
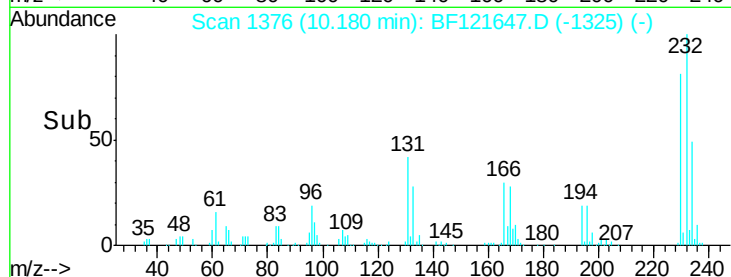
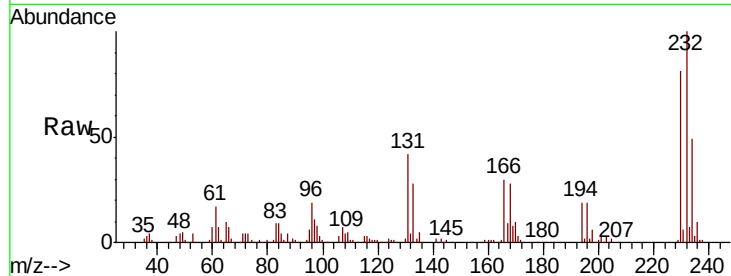
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.142 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	248692		
131	43.8		35.1	52.7
130	2.1		1.6	2.4
166	29.5		23.3	34.9

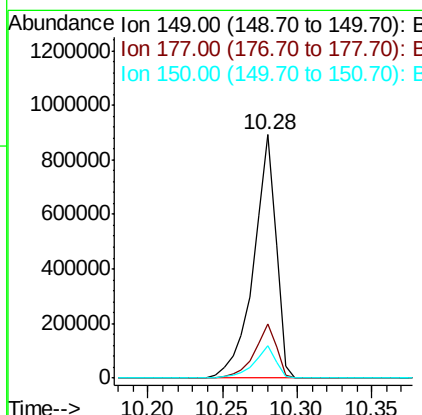
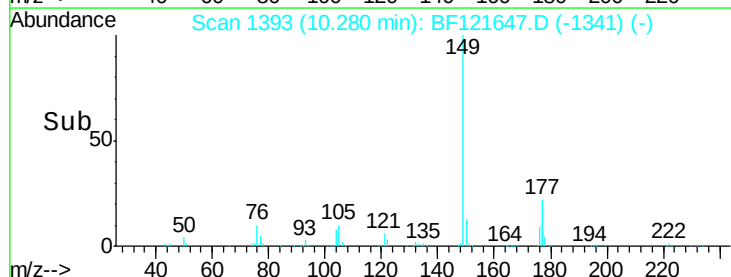
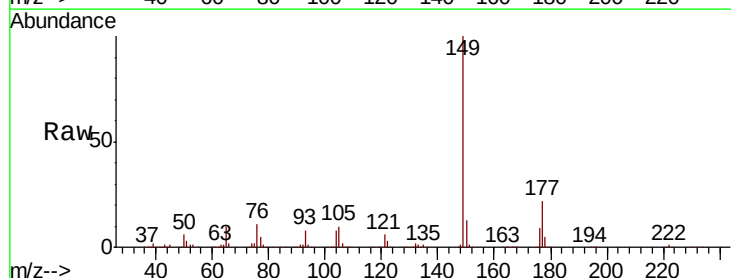
Manual Integrations
APPROVED

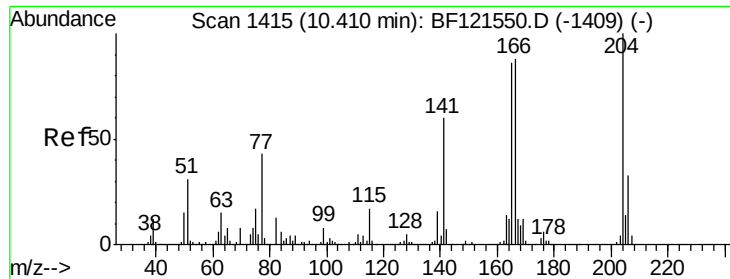
mohammad
9/23/2020 10:43:16 AM



#60
Diethylphthalate
Concen: 37.426 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	918278		
177	22.2		18.1	27.1
150	13.1		9.8	14.8





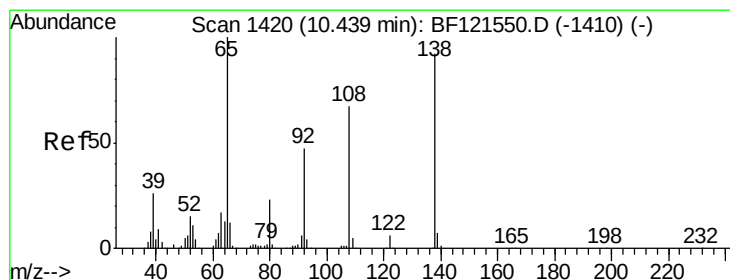
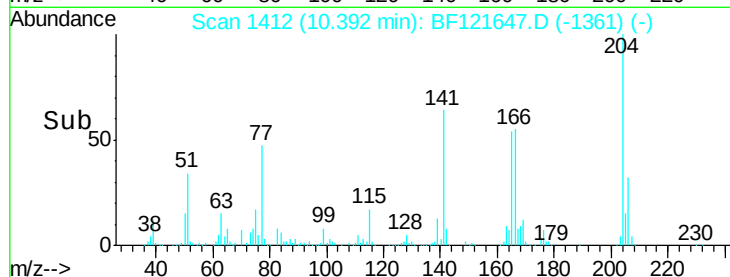
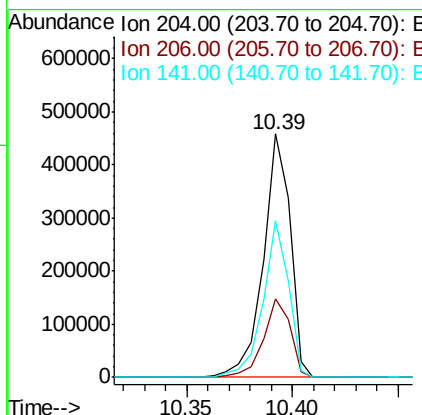
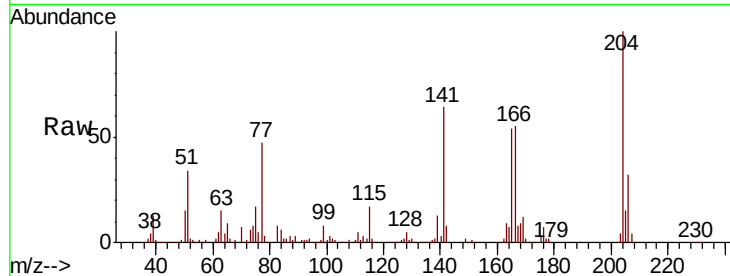
#61
4-Chlorophenyl-phenylether
Concen: 37.100 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.7	40.1
141	64.3	50.4	75.6

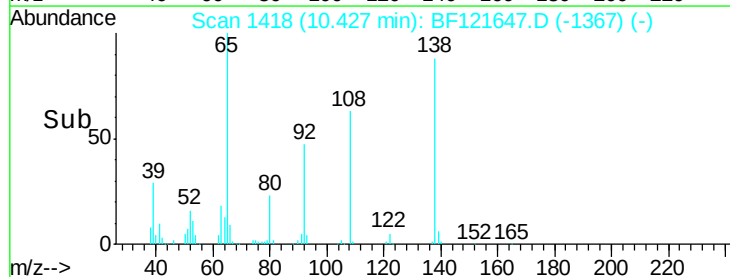
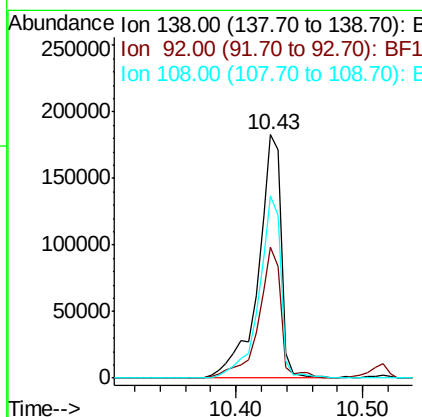
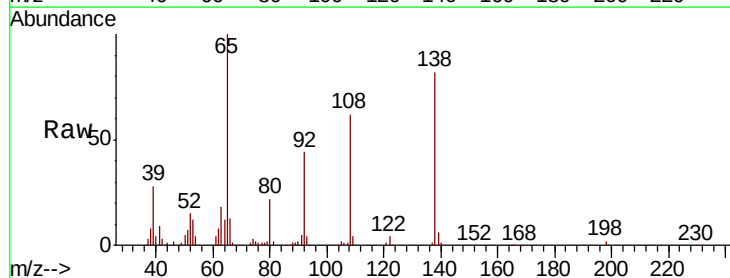
Manual Integrations
APPROVED

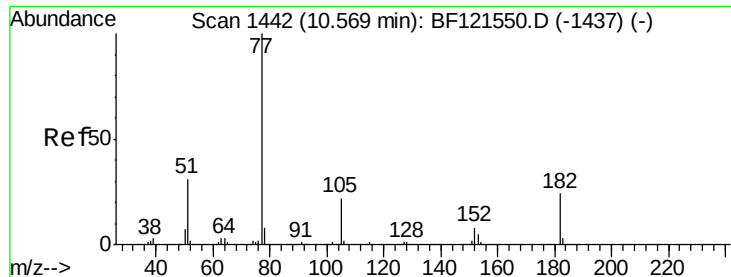
mohammad
9/23/2020 10:43:16 AM



#62
4-Nitroaniline
Concen: 37.866 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	34.8	74.8
108	74.9	55.5	95.5





#63

Azobenzene

Concen: 35.477 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

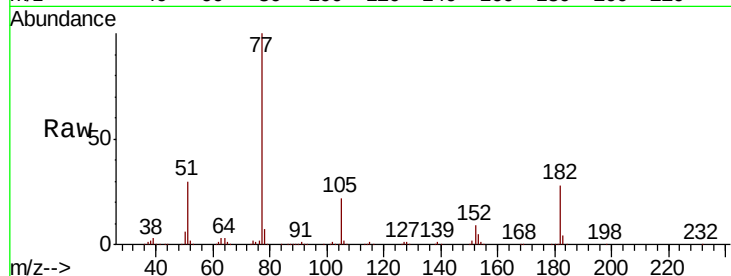
ClientSampleId :

PB131763BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.8	46.8
105	22.5	2.2	42.2
51	29.7	10.7	50.7

Manual Integrations
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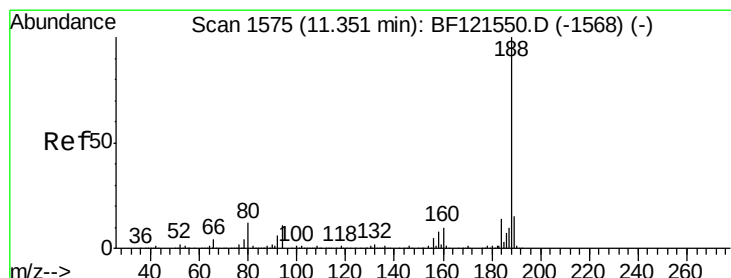
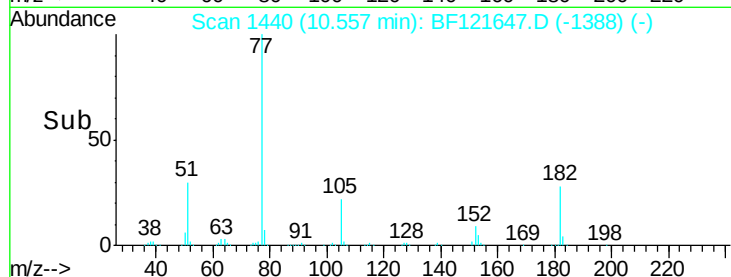
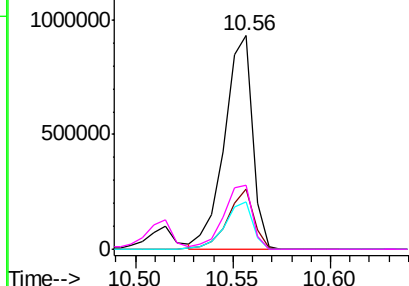


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF121647.D

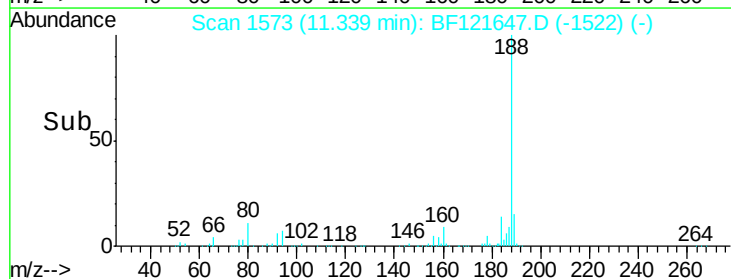
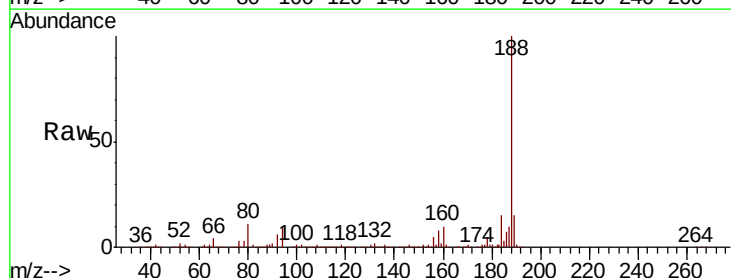
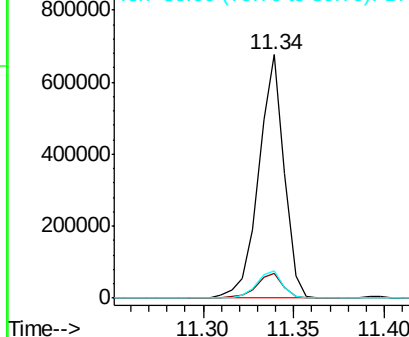
Acq: 22 Sep 2020 18:50

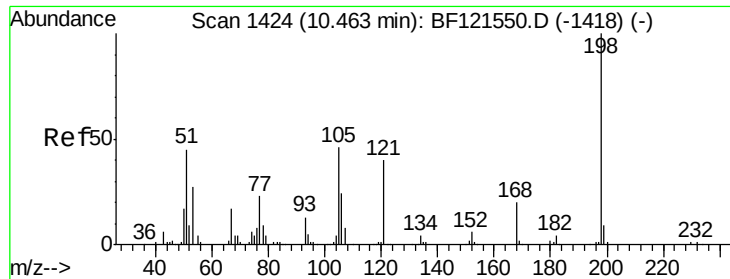
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	11.0	9.0	13.4

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





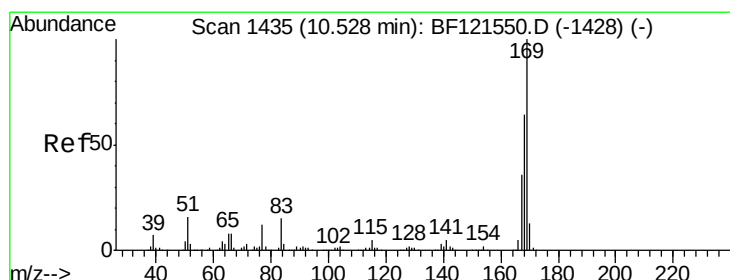
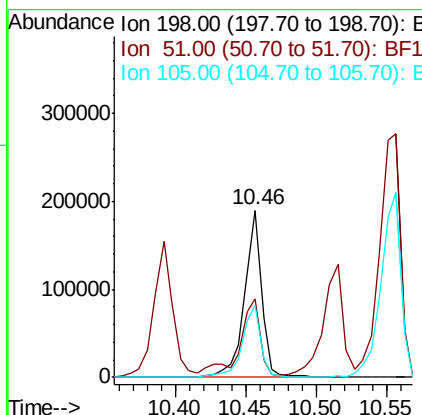
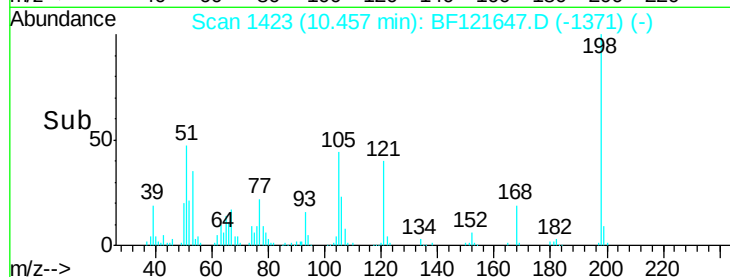
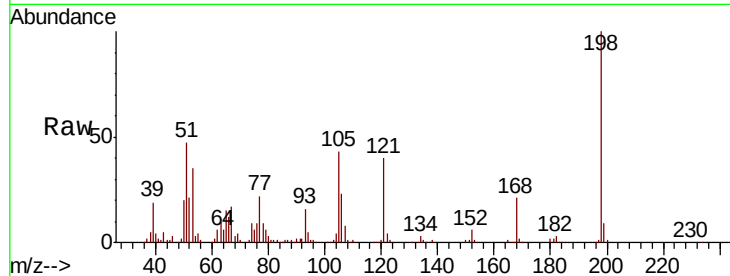
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.495 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163144		
51	46.9	20.3	60.3	
105	43.3	20.2	60.2	

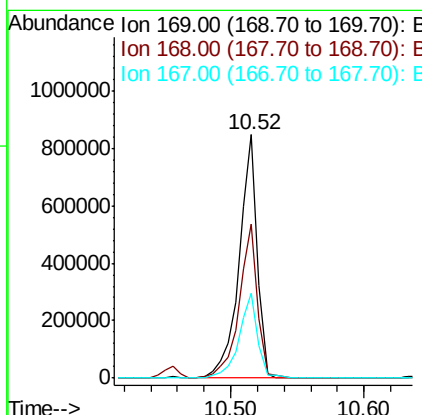
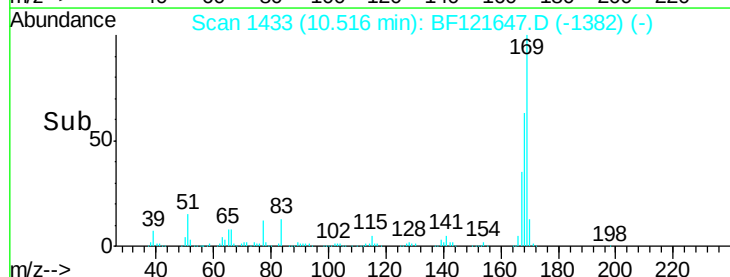
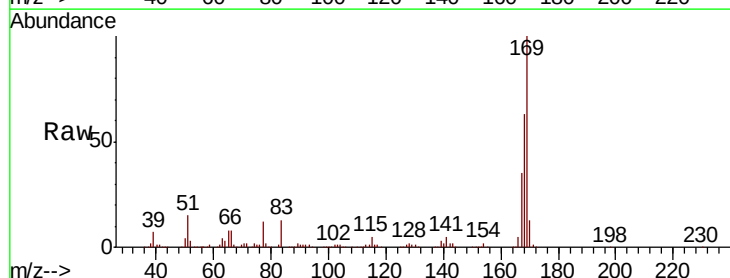
Manual Integrations
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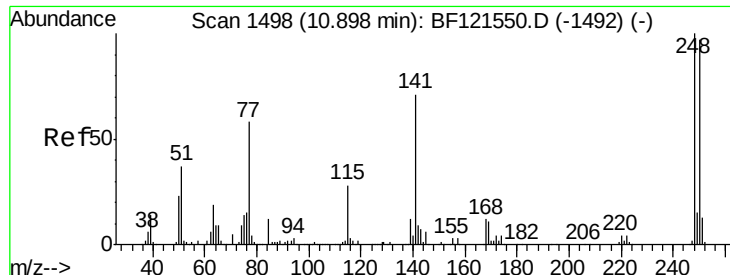
mohammad
 9/23/2020 10:43:16 AM



#66
 n-Nitrosodiphenylamine
 Concen: 35.480 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	800822		
168	63.4	51.8	77.8	
167	35.1	28.4	42.6	





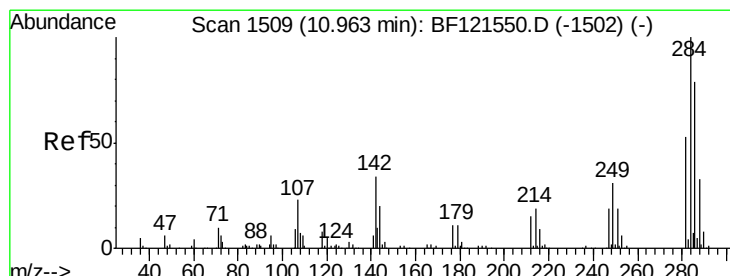
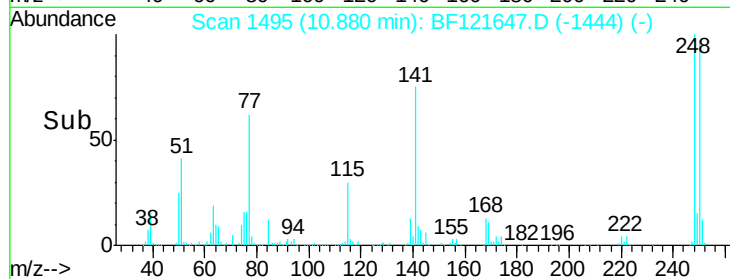
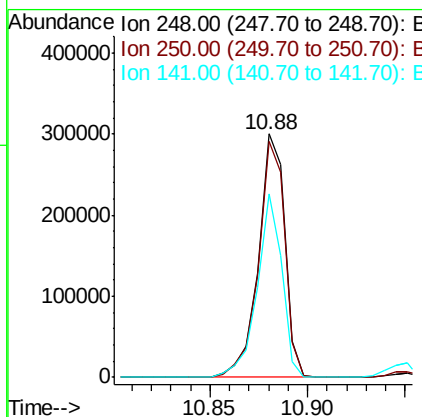
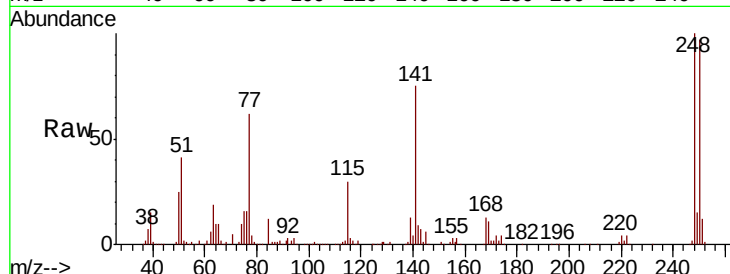
#67
 4-Bromophenyl-phenylether
 Concen: 37.622 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion:	248	Resp:	281801
Ion Ratio	Lower	Upper	
248	100		
250	96.8	79.4	119.0
141	75.3	52.2	78.4

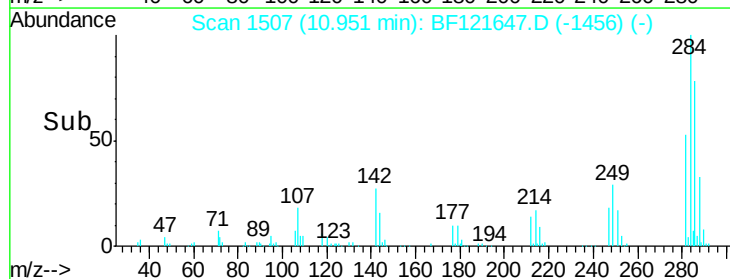
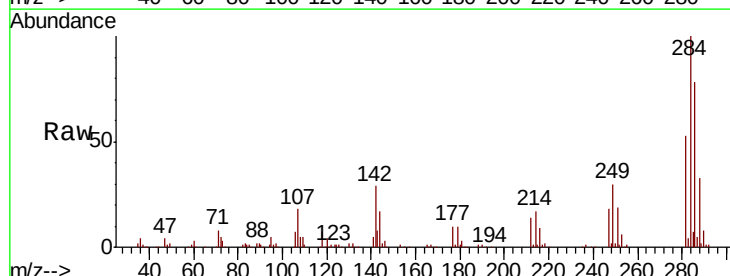
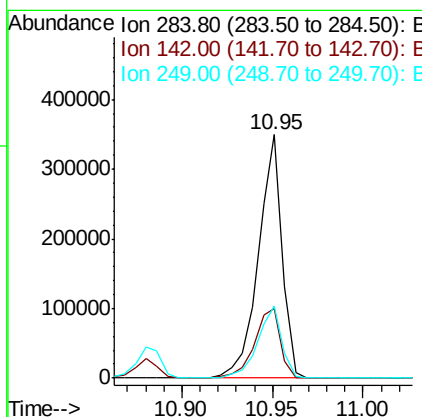
Manual Integrations
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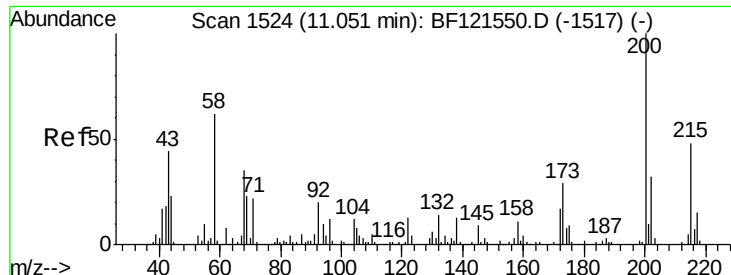
mohammad
 9/23/2020 10:43:16 AM



#68
 Hexachlorobenzene
 Concen: 37.591 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:	284	Resp:	317760
Ion Ratio	Lower	Upper	
284	100		
142	28.7	24.0	36.0
249	29.6	23.9	35.9





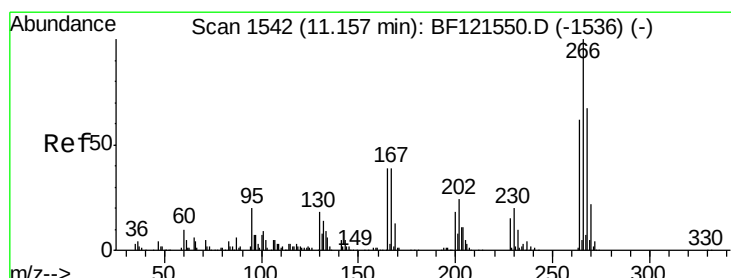
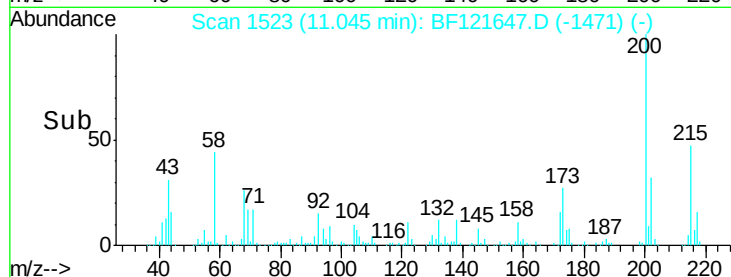
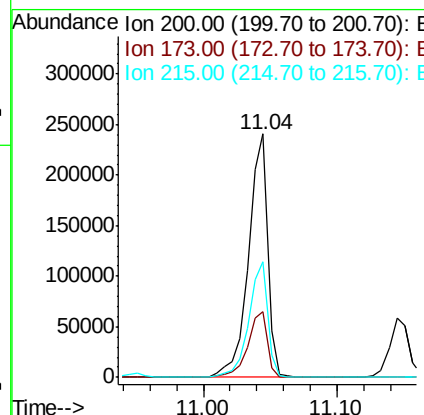
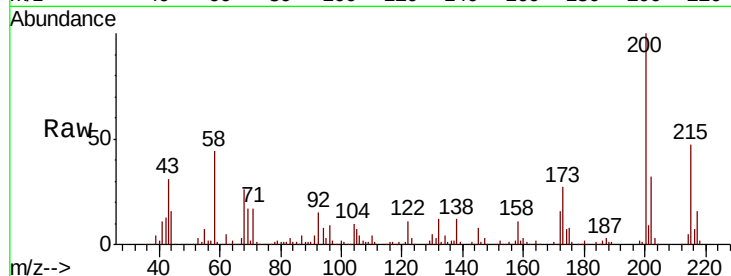
#69
Atrazine
Concen: 42.522 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	6.0	46.0
215	47.4	28.4	68.4

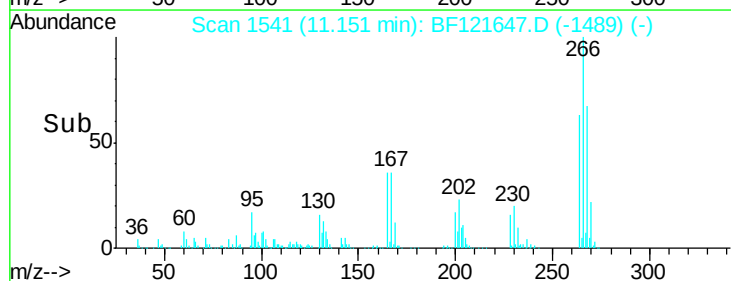
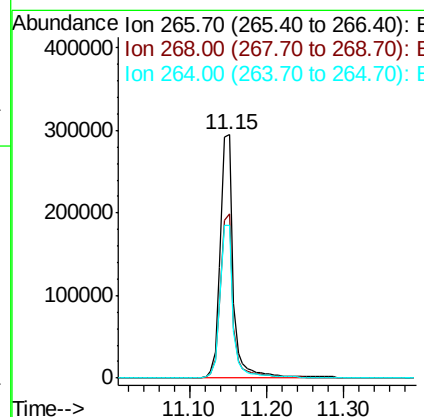
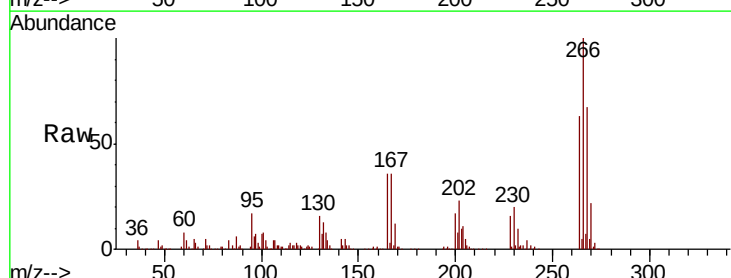
Manual Integrations
APPROVED

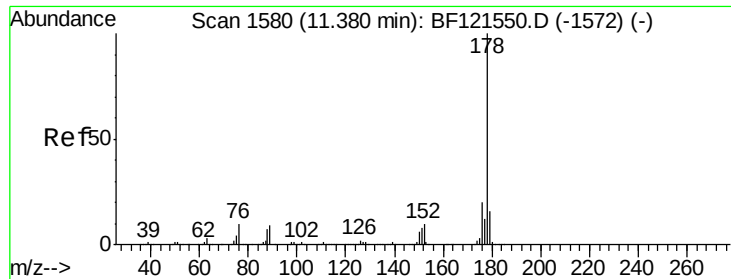
mohammad
9/23/2020 10:43:16 AM



#70
Pentachlorophenol
Concen: 74.323 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.2	54.6	81.8
264	62.6	51.1	76.7





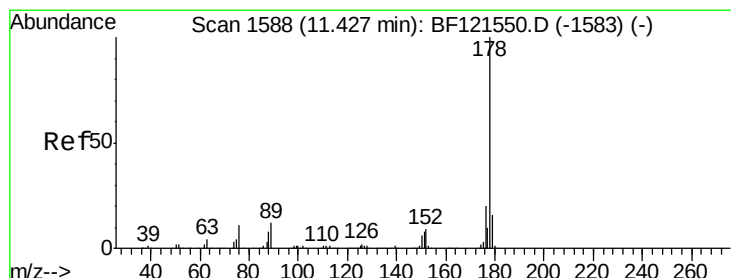
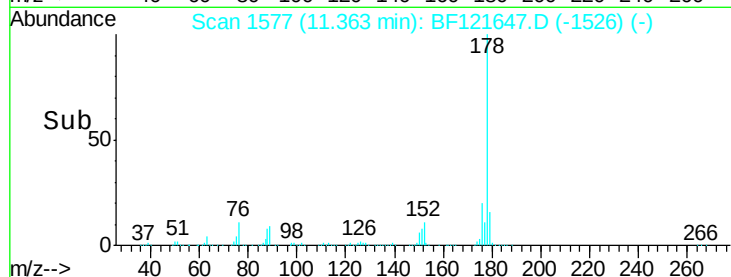
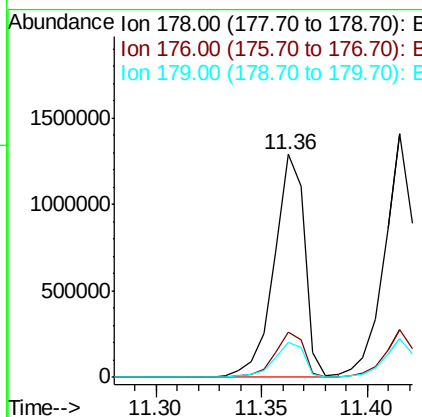
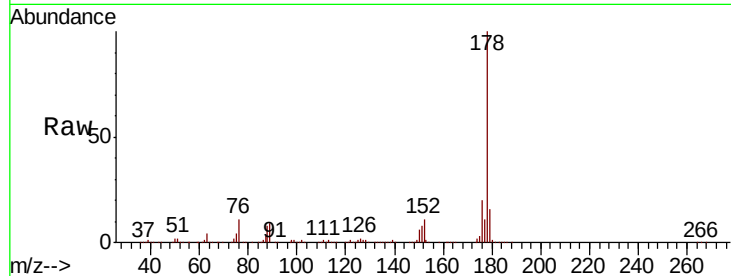
#71
Phenanthrene
Concen: 36.156 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:178 Resp: 1295987
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.6 12.6 18.8

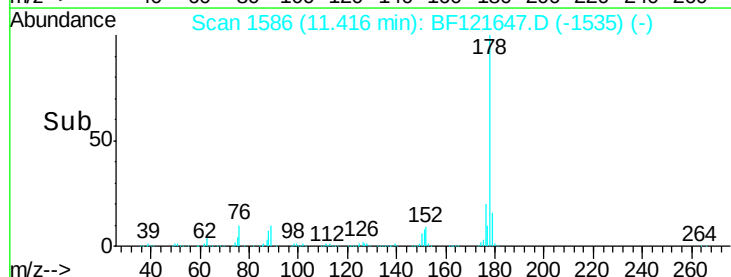
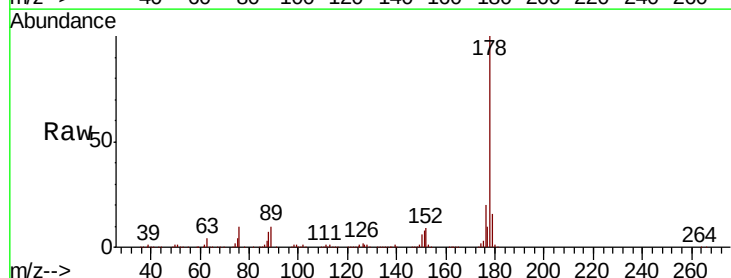
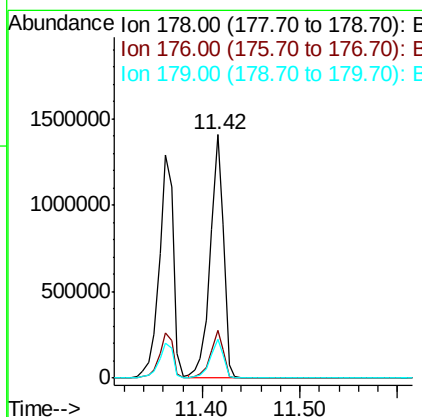
Manual Integrations
APPROVED

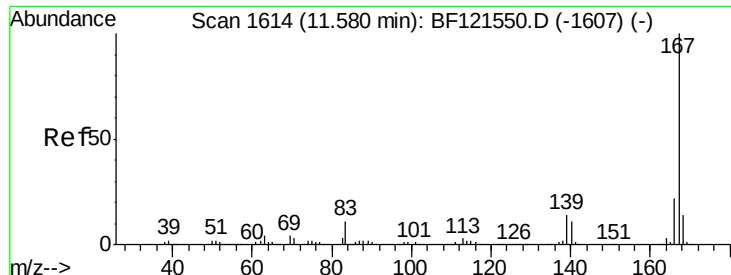
mohammad
9/23/2020 10:43:16 AM



#72
Anthracene
Concen: 35.947 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:178 Resp: 1329690
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.6 19.0





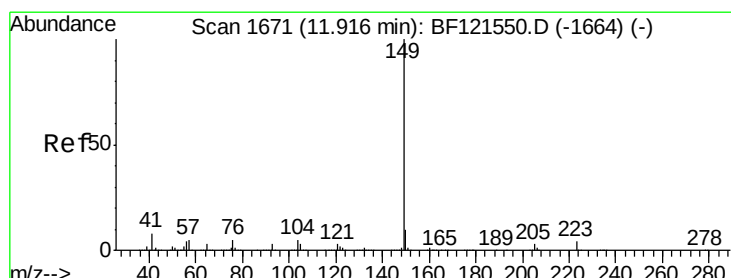
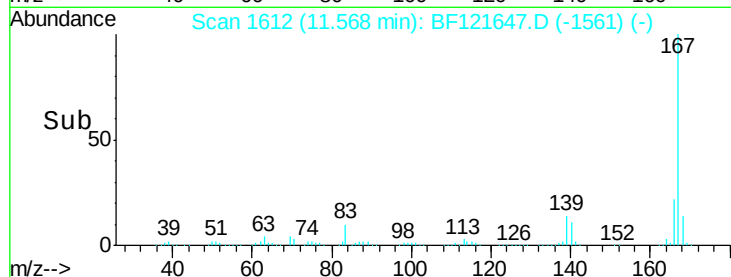
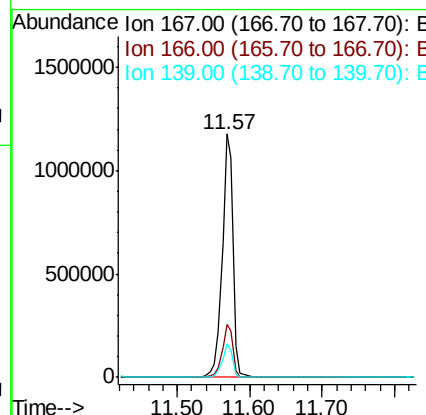
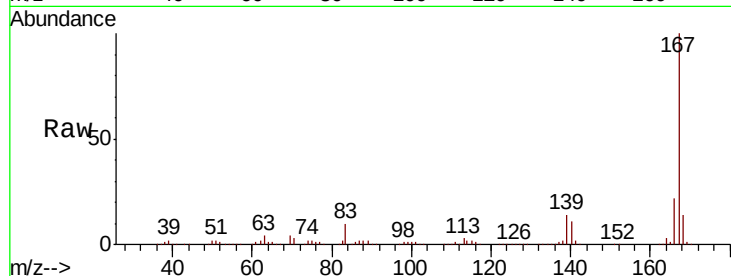
#73
 Carbazole
 Concen: 36.297 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion:167 Resp: 1211602
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.7 10.9 16.3

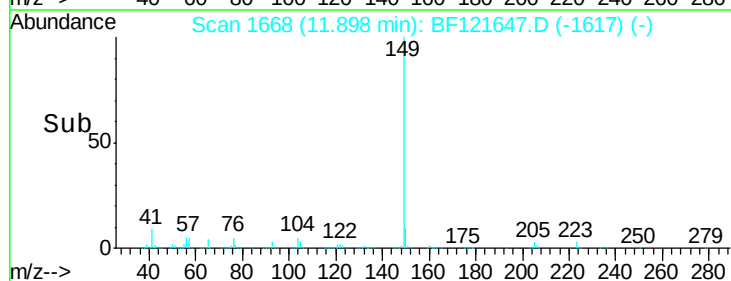
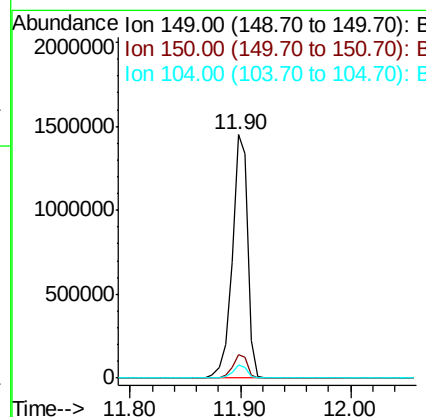
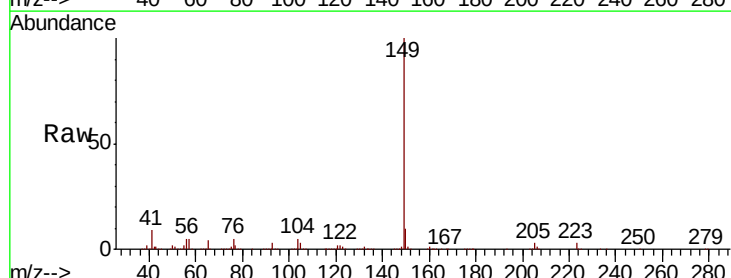
Manual Integrations
 APPROVED

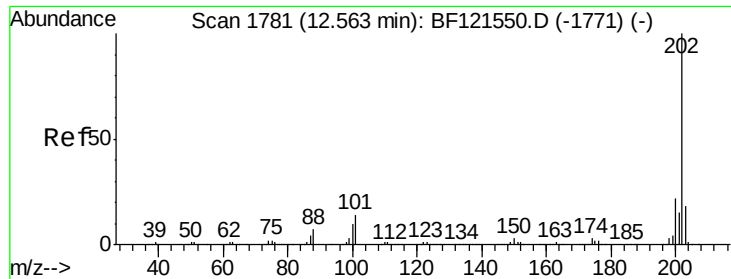
mohammad
 9/23/2020 10:43:16 AM



#74
 Di-n-butylphthalate
 Concen: 36.647 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:149 Resp: 1411870
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.3 4.2 6.2





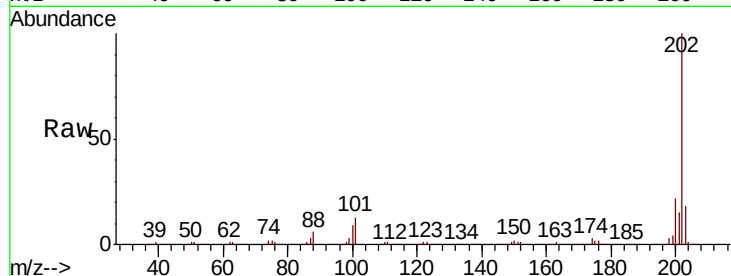
#75
 Fluoranthene
 Concen: 37.153 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

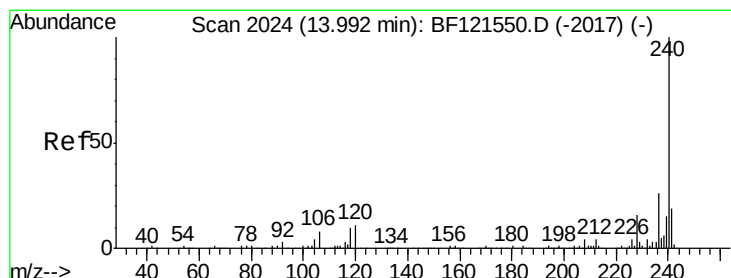
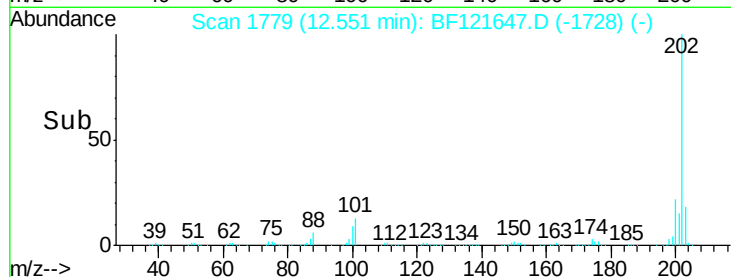
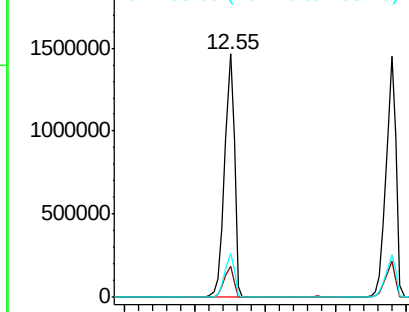
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1421628		
101	12.6	0.0	31.9	
203	17.8	0.0	37.8	

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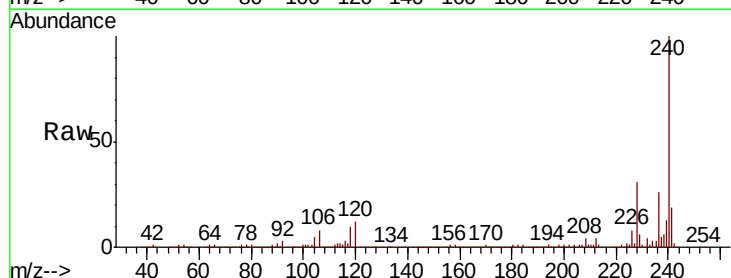


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

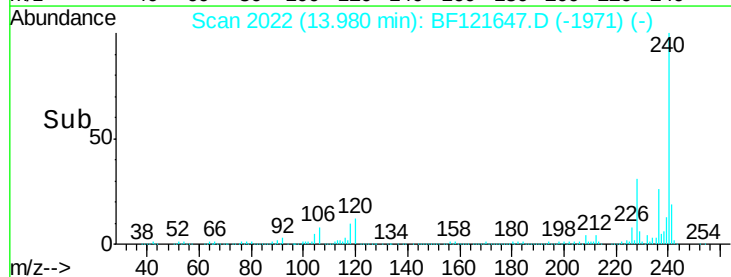
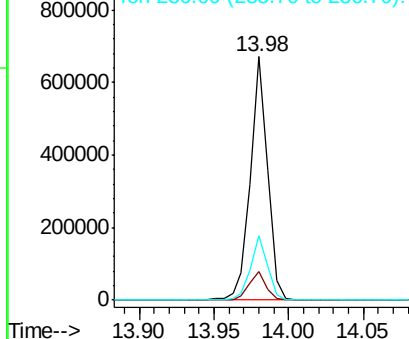


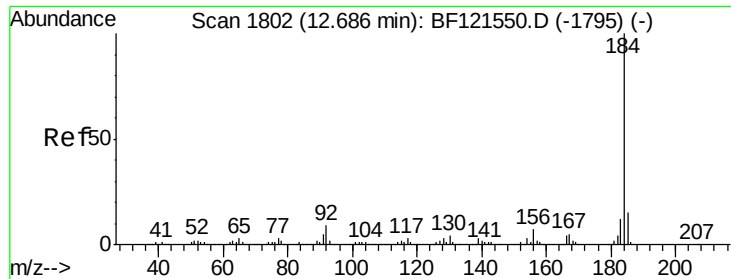
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	535130		
120	11.5	9.2	13.8	
236	26.3	20.4	30.6	



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





#77

Benzidine

Concen: 43.348 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:184 Resp: 769028

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

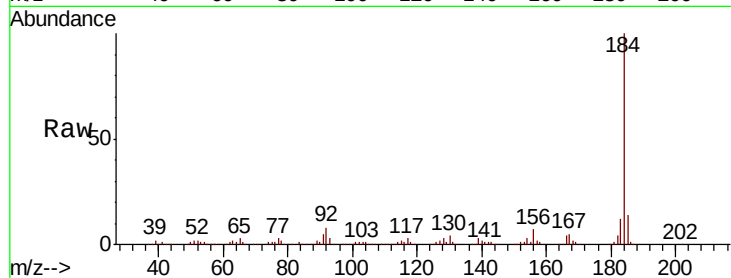
183 12.0 9.6 14.4

Manual Integrations

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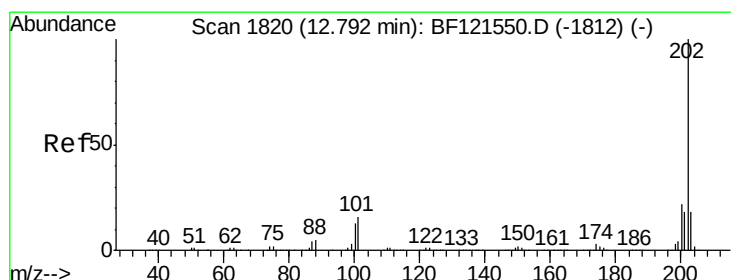
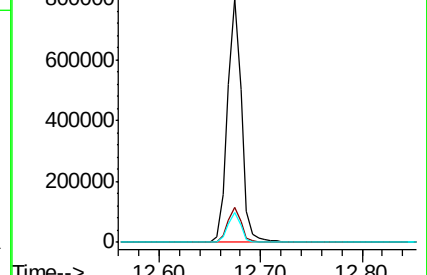
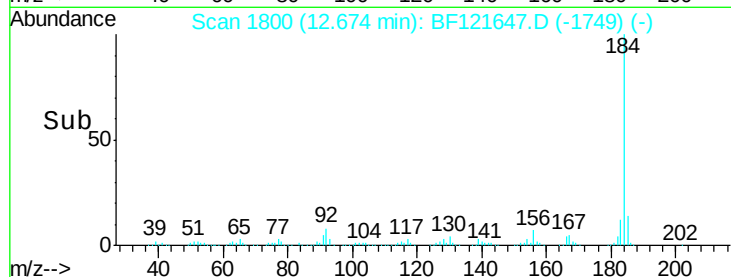
9/23/2020 10:43:16 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.154 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

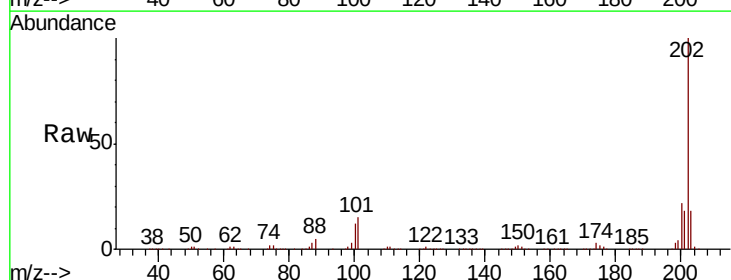
Tgt Ion:202 Resp: 1452656

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

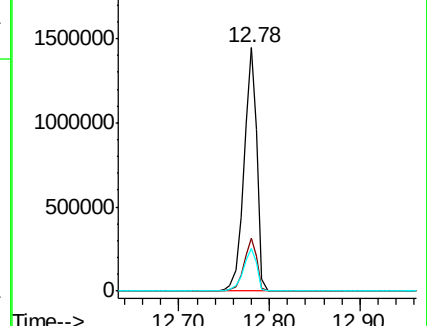
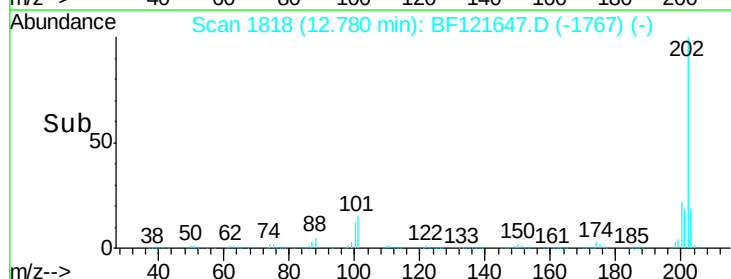
203 17.7 14.4 21.6

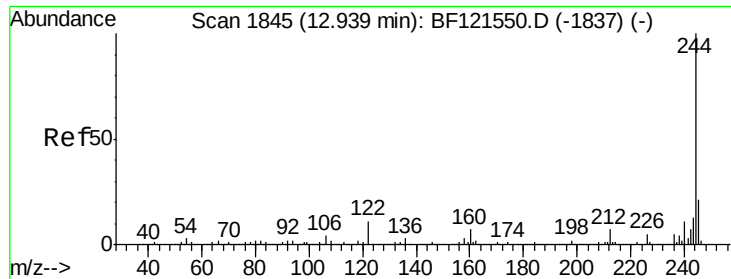


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





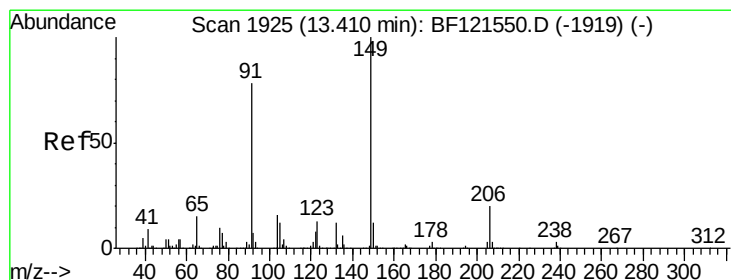
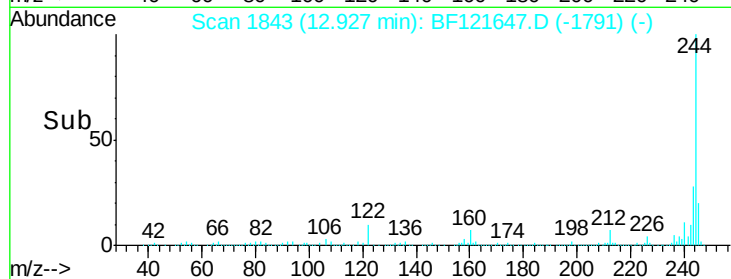
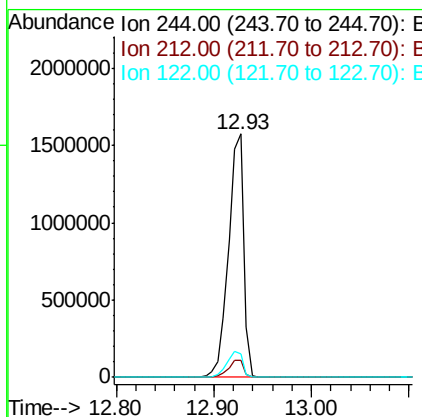
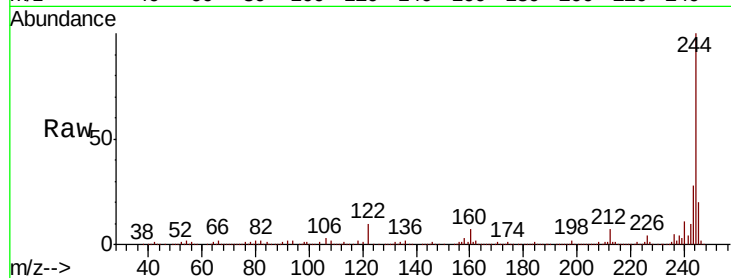
#79
 Terphenyl-d14
 Concen: 64.510 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.7	7.4	11.0

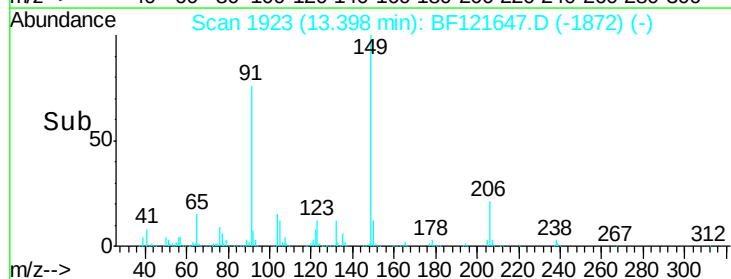
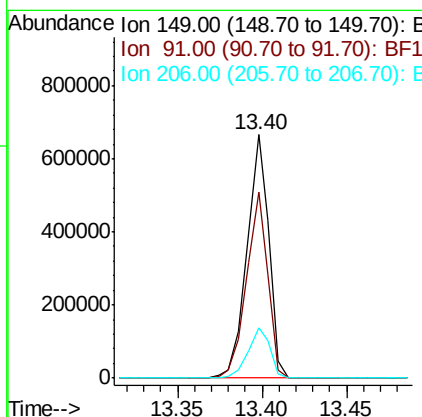
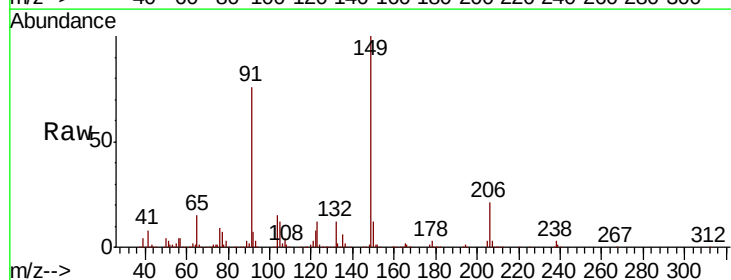
Manual Integrations
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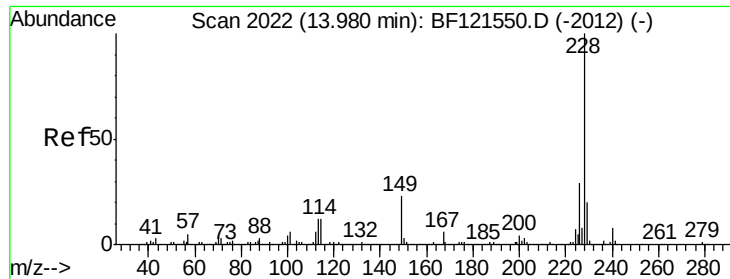
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.092 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	61.0	91.4
206	20.9	16.6	25.0





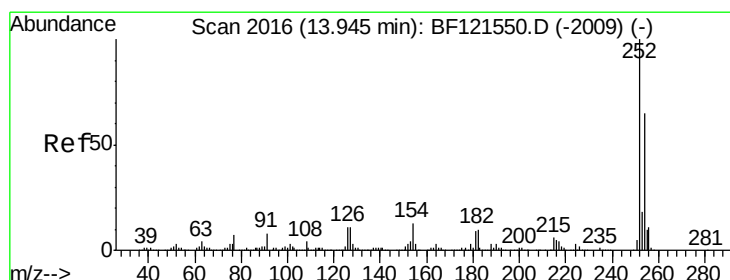
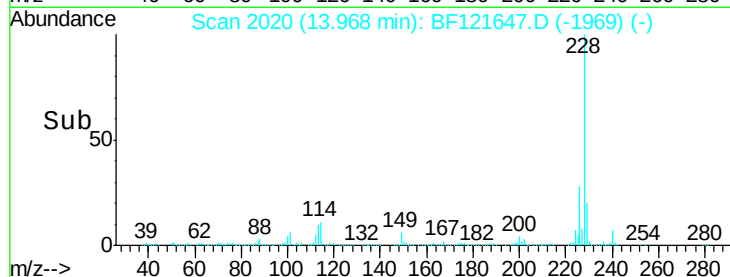
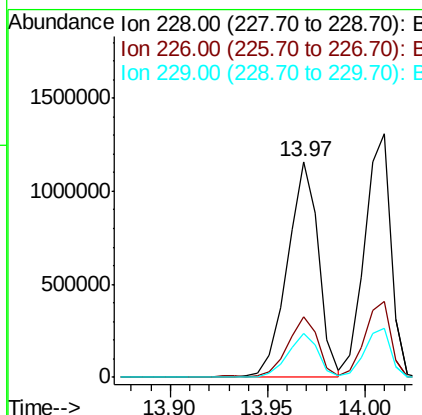
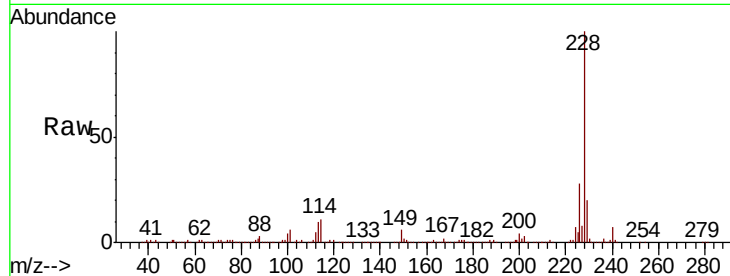
#81
Benzo(a)anthracene
Concen: 37.561 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.1	16.2	24.2

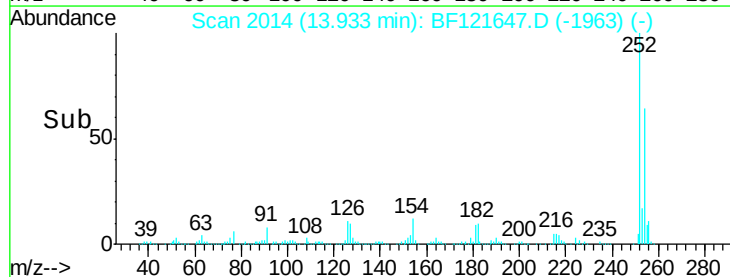
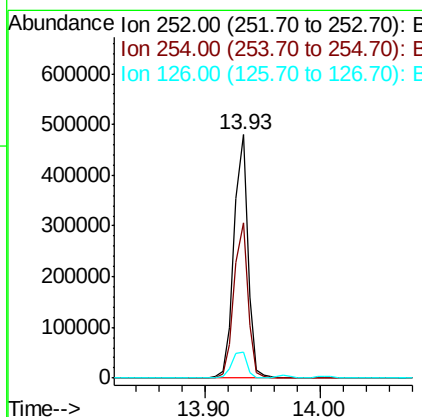
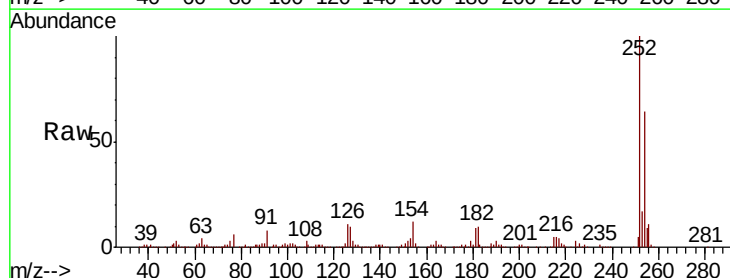
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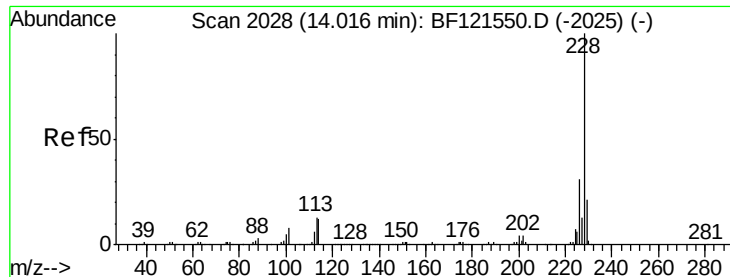
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.571 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.0	76.4
126	10.5	8.6	13.0





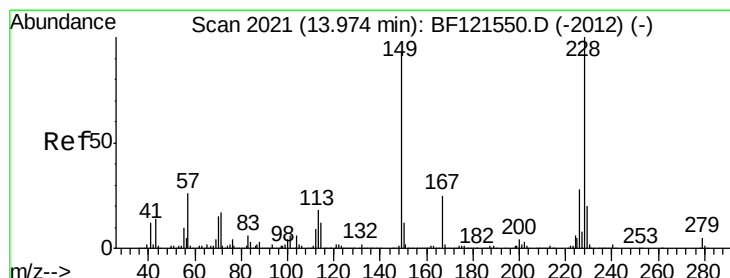
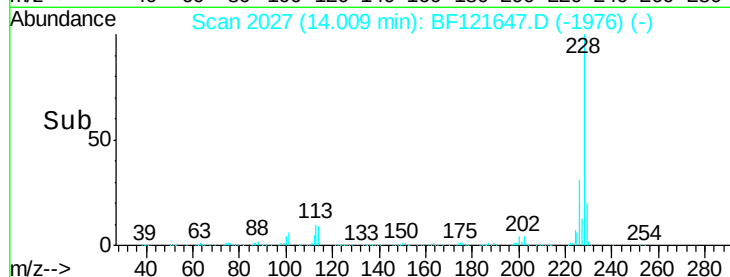
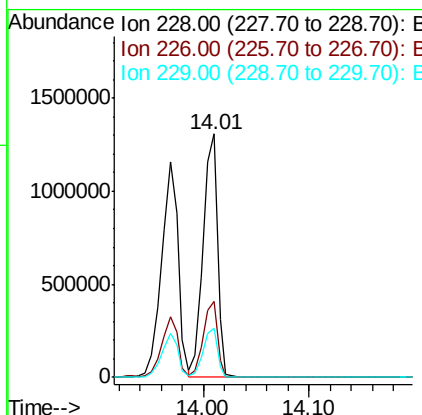
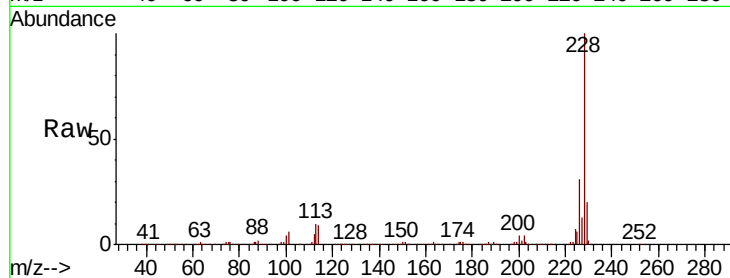
#83
Chrysene
Concen: 35.756 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	20.1	16.0	24.0

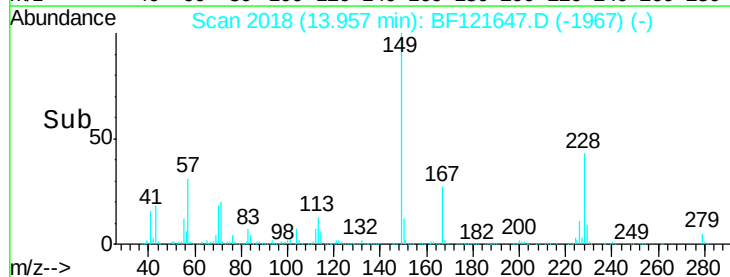
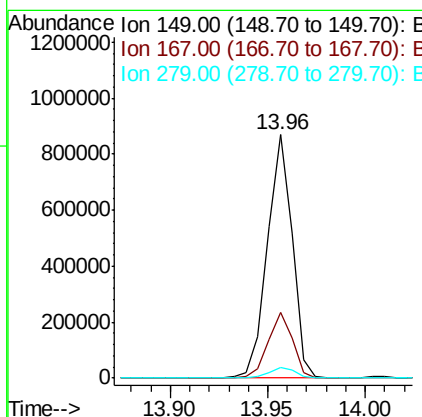
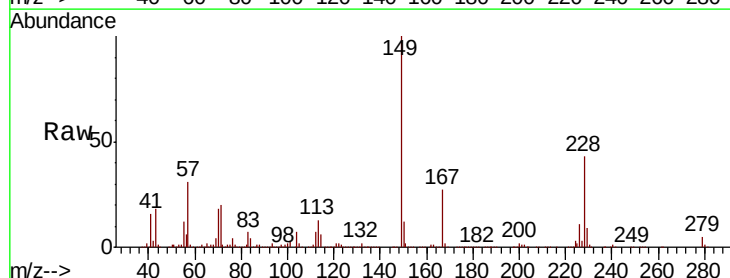
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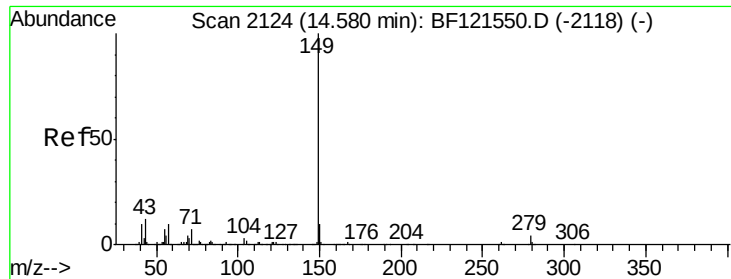
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.375 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.6	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 35.492 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:149 Resp: 1323168

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

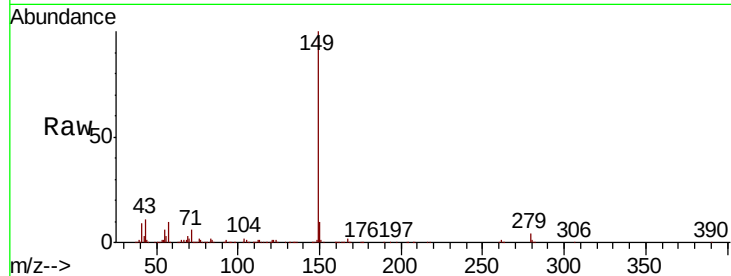
43 11.2 9.0 13.4

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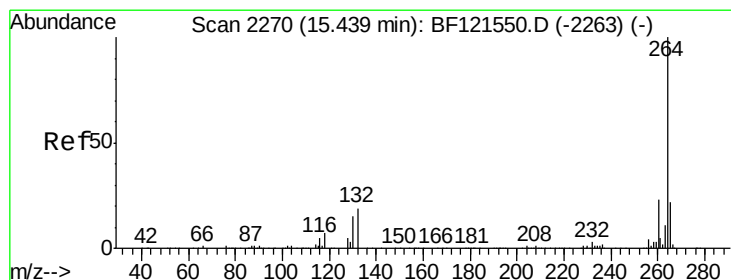
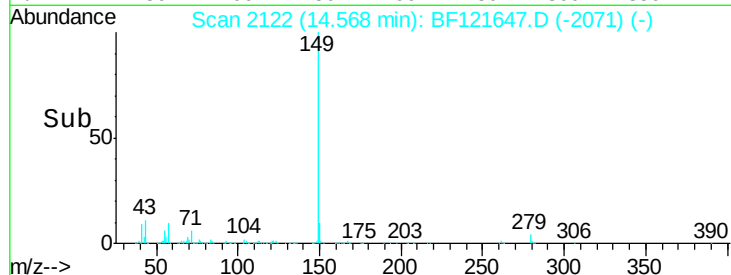
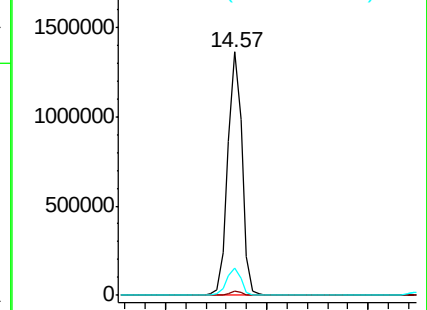
9/23/2020 10:43:16 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

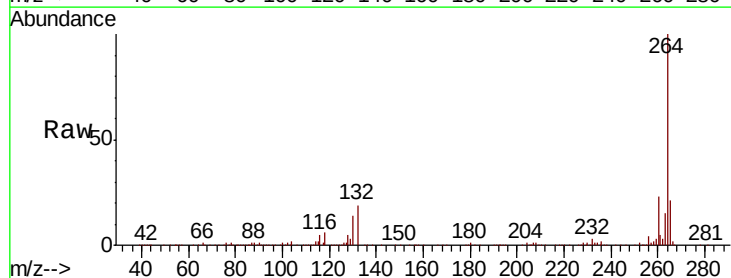
Tgt Ion:264 Resp: 457987

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

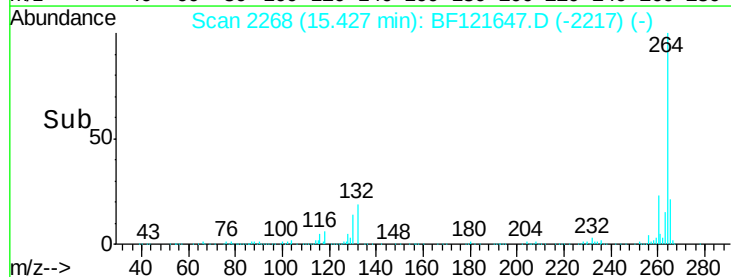
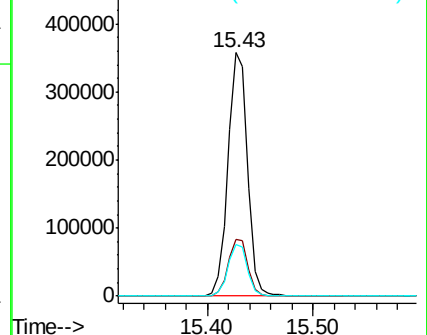
265 21.3 17.3 25.9

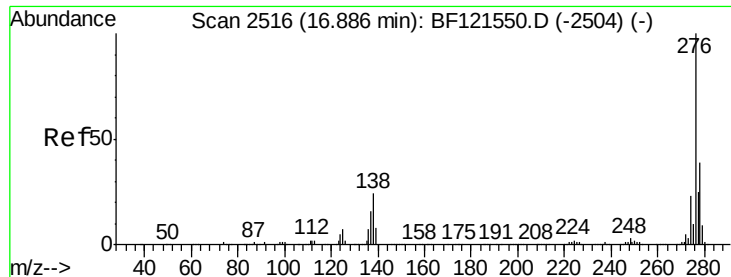


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





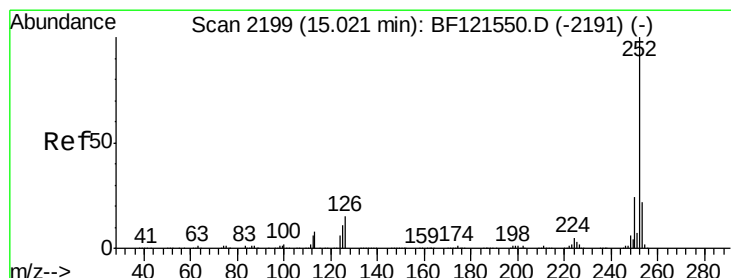
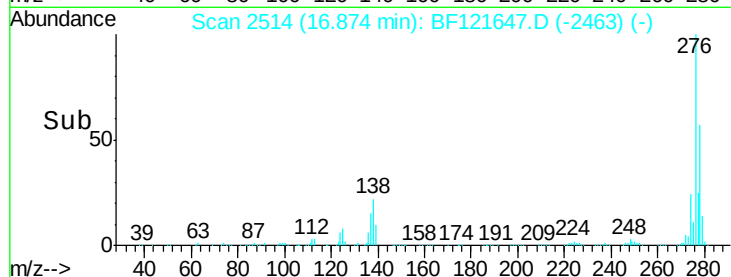
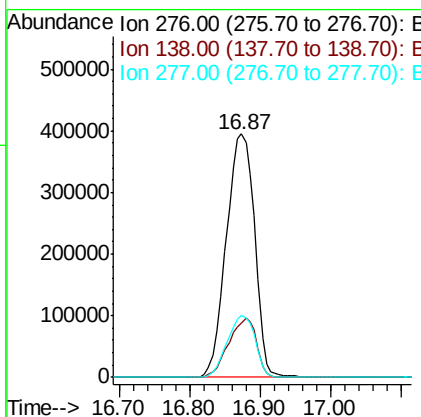
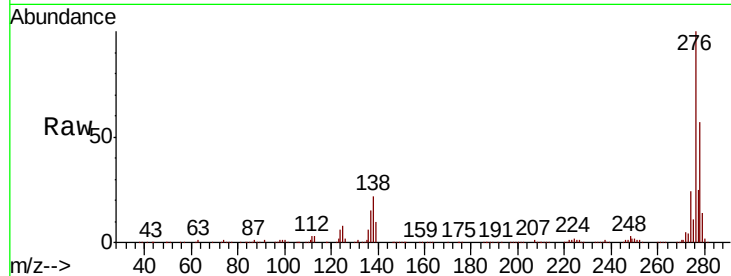
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.934 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.6
277	25.2	20.2	30.2

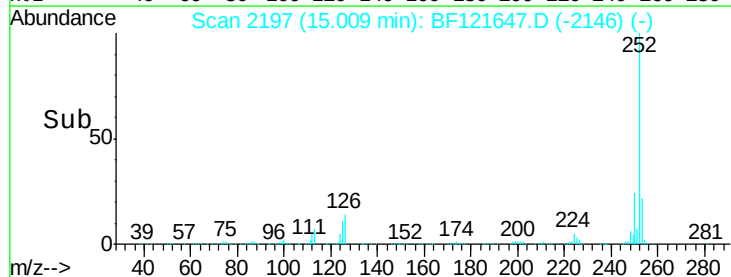
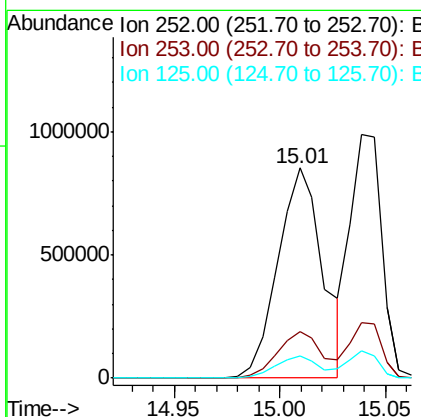
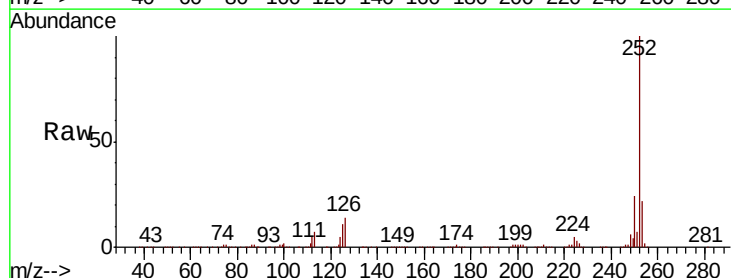
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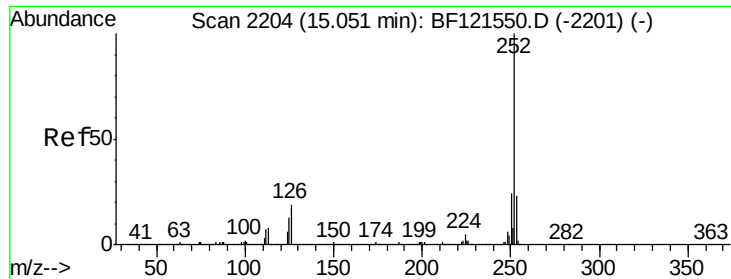
mohammad
 9/23/2020 10:43:16 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.201 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.6	8.5	12.7





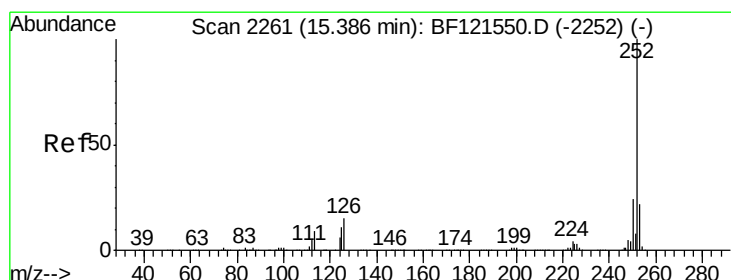
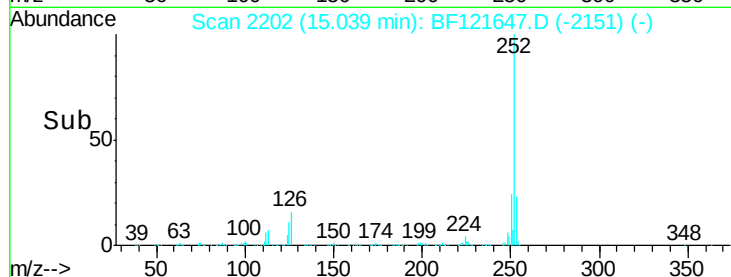
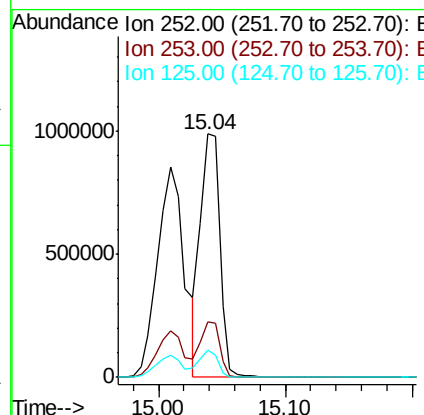
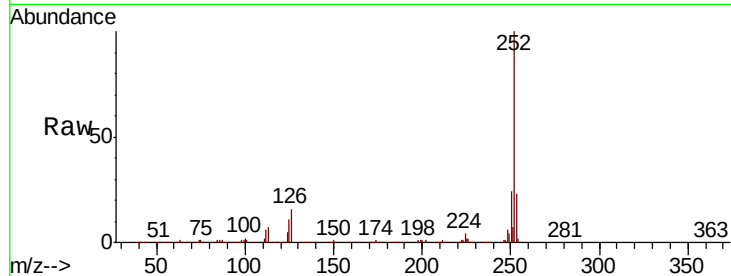
#89
Benzo(k)fluoranthene
Concen: 37.075 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampled :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.1	8.4	12.6

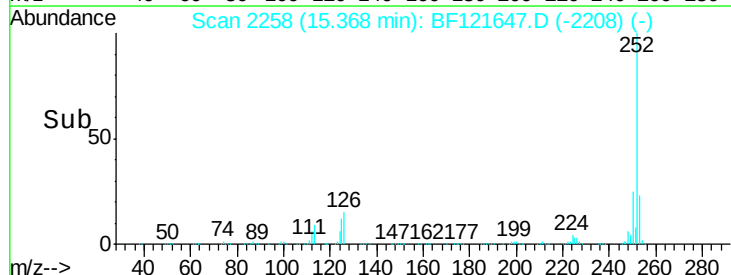
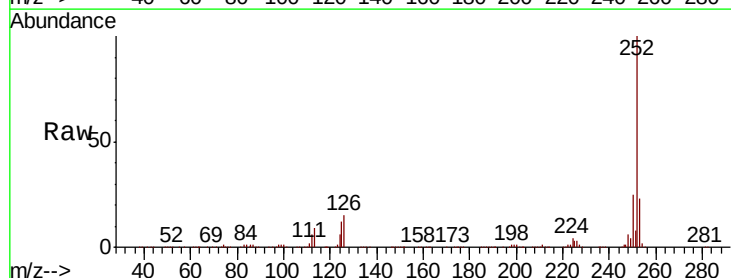
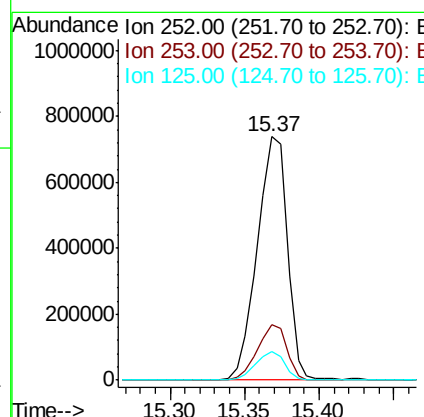
Manual Integrations
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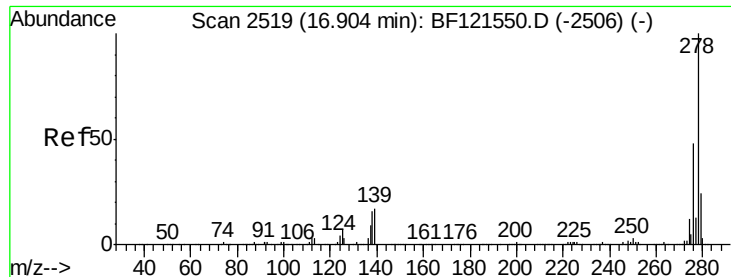
mohammad
9/23/2020 10:43:16 AM



#90
Benzo(a)pyrene
Concen: 39.549 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.0	9.1	13.7





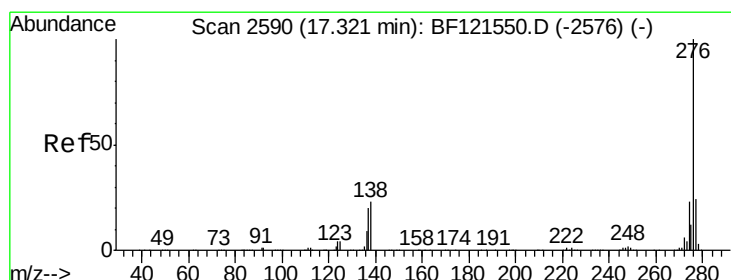
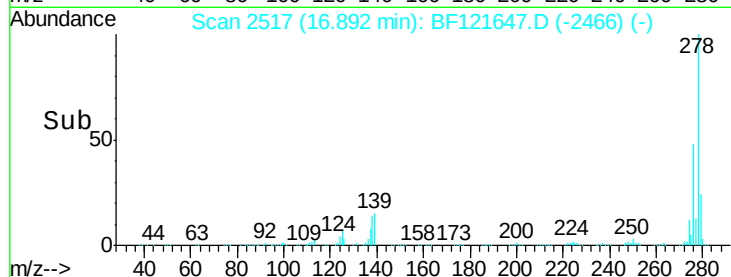
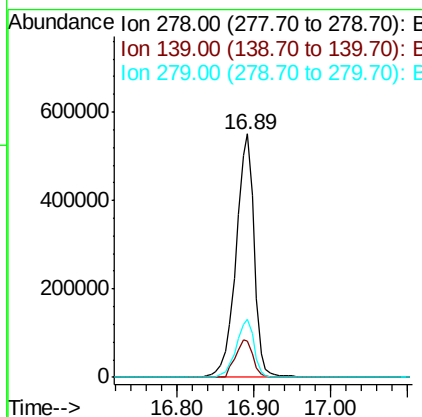
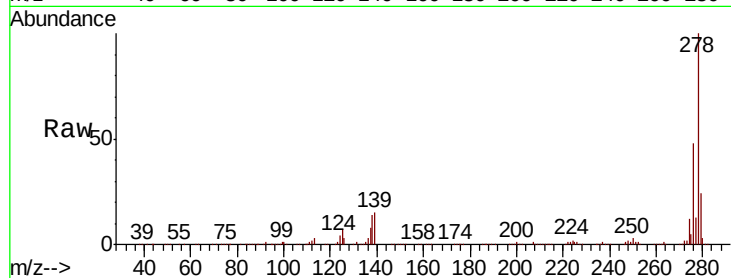
#91
Dibenzo(a,h)anthracene
Concen: 36.664 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.8	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/23/2020 10:43:16 AM



#92
Benzo(g,h,i)perylene
Concen: 37.308 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	20.5	16.9	25.3

