

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121457.D
 Acq On : 28 Aug 2020 13:43
 Operator : JU/CG
 Sample : PB131261BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Manual Integrations
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mohammad
 8/31/2020 10:27:17 AM

Quant Time: Aug 31 08:46:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	310662	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1221442	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	650401	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1250135	20.00	ng	0.00
76) Chrysene-d12	14.03	240	982611	20.00	ng	0.00
86) Perylene-d12	15.49	264	929561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1883578	101.72	ng	0.01
7) Phenol-d6	6.49	99	2508165	96.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	1997066	111.78	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	740624	112.74	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3633287	90.14	ng	0.00
79) Terphenyl-d14	12.97	244	3224237	69.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	328283	37.176	ng	100
3) Pyridine	3.48	79	751502	31.251	ng	99
4) n-Nitrosodimethylamine	3.44	42	402985	37.912	ng	95
6) Aniline	6.52	93	940699	30.639	ng	100
8) 2-Chlorophenol	6.65	128	800210	42.580	ng	99
9) Benzaldehyde	6.41	77	486767	37.021	ng	99
10) Phenol	6.50	94	1045558	41.305	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	781001	37.975	ng	97
12) 1,3-Dichlorobenzene	6.80	146	838065	37.037	ng	98
13) 1,4-Dichlorobenzene	6.87	146	856953	37.790	ng	98
14) 1,2-Dichlorobenzene	7.03	146	791642	37.492	ng	98
15) Benzyl Alcohol	7.00	79	698468	41.125	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1140616	37.437	ng	99
17) 2-Methylphenol	7.11	107	657060	40.184	ng	100
18) Hexachloroethane	7.37	117	310777	40.044	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	579221	40.055	ng	99
20) 3+4-Methylphenols	7.26	107	812736	41.074	ng	92
22) Acetophenone	7.27	105	1091438	36.254	ng	# 95
24) Nitrobenzene	7.44	77	839478	46.875	ng	99
25) Isophorone	7.69	82	1579551	39.307	ng	99
26) 2-Nitrophenol	7.76	139	365098	48.608	ng	97
27) 2,4-Dimethylphenol	7.79	122	767804	46.067	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	1006808	36.844	ng	100
29) 2,4-Dichlorophenol	8.00	162	670332	40.733	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	719137	35.672	ng	98
31) Naphthalene	8.17	128	2285212	37.685	ng	99
32) Benzoic acid	7.92	122	452292	45.029	ng	97
33) 4-Chloroaniline	8.21	127	641191	23.740	ng	100
34) Hexachlorobutadiene	8.29	225	418661	34.921	ng	99
35) Caprolactam	8.58	113	209937m	39.114	ng	
36) 4-Chloro-3-methylphenol	8.69	107	699292	40.303	ng	97
37) 2-Methylnaphthalene	8.86	142	1579250	39.308	ng	98
38) 1-Methylnaphthalene	8.96	142	1488728	39.242	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	701591	36.390	ng	99

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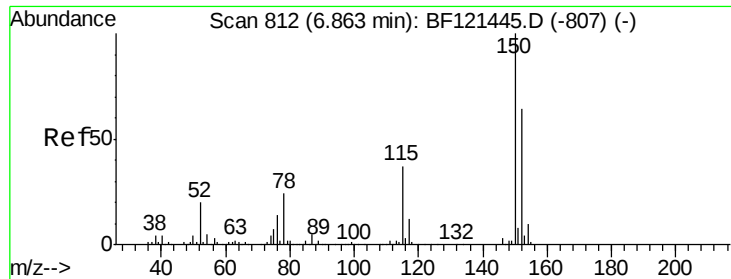
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	832445	102.674	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	497782	40.849	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	492404	40.863	nq	99
46) 1,1'-Biphenyl	9.32	154	1885173	38.411	nq	99
47) 2-Chloronaphthalene	9.35	162	1439925	35.694	nq	98
48) 2-Nitroaniline	9.44	65	440431	40.159	nq	97
49) Acenaphthylene	9.76	152	2334445	38.580	nq	99
50) Dimethylphthalate	9.63	163	1667567	37.325	nq	99
51) 2,6-Dinitrotoluene	9.68	165	359685	43.631	nq	95
52) Acenaphthene	9.93	154	1516503	39.690	nq	99
53) 3-Nitroaniline	9.85	138	265454	27.509	nq	# 96
54) 2,4-Dinitrophenol	9.96	184	271596	74.494	nq	# 82
55) Dibenzofuran	10.11	168	2095566	37.757	nq	99
56) 4-Nitrophenol	10.01	139	643900	75.171	nq	92
57) 2,4-Dinitrotoluene	10.09	165	459893	45.129	nq	96
58) Fluorene	10.45	166	1534107	36.666	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	438222	43.680	nq	99
60) Diethylphthalate	10.33	149	1704122	37.966	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	777358	37.082	nq	99
62) 4-Nitroaniline	10.47	138	393263	37.154	nq	96
63) Azobenzene	10.60	77	1684366	37.947	nq	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	182399	49.620	nq	92
66) n-Nitrosodiphenylamine	10.56	169	1455533	36.813	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	496218	36.082	nq	99
68) Hexachlorobenzene	11.00	284	564273	35.087	nq	97
69) Atrazine	11.09	200	420902	36.706	nq	100
70) Pentachlorophenol	11.19	266	660477	89.897	nq	97
71) Phenanthrene	11.41	178	2282722	35.582	nq	100
72) Anthracene	11.46	178	2352011	37.275	nq	100
73) Carbazole	11.62	167	2181900	35.860	nq	100
74) Di-n-butylphthalate	11.95	149	2580607	38.178	nq	100
75) Fluoranthene	12.60	202	2499843	36.155	nq	100
77) Benzidine	12.72	184	1380960	64.440	nq	98
78) Pyrene	12.83	202	2554907	36.407	nq	100
80) Butylbenzylphthalate	13.45	149	1110742	41.085	nq	99
81) Benzo(a)anthracene	14.02	228	2118334	35.315	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	596303	27.141	nq	98
83) Chrysene	14.06	228	2138147	35.629	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1412680	40.458	nq	99
85) Di-n-octyl phthalate	14.63	149	2529744	42.750	nq	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2091257	36.564	nq	99
88) Benzo(b)fluoranthene	15.06	252	2263012	37.425	nq	99
89) Benzo(k)fluoranthene	15.10	252	2064328	36.704	nq	99
90) Benzo(a)pyrene	15.43	252	1969882	36.229	nq	100
91) Dibenzo(a,h)anthracene	16.98	278	1752198	37.426	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1685960	37.383	nq	98

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



#1

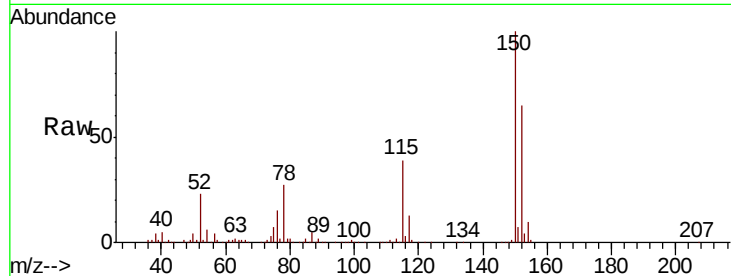
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.8	188.6
115	60.6	46.6	69.8

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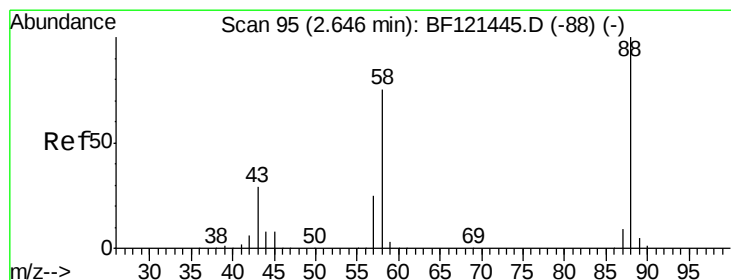
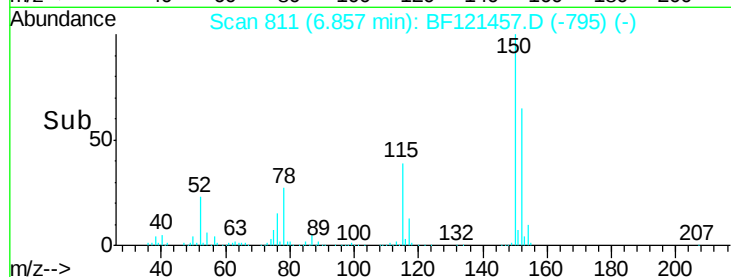
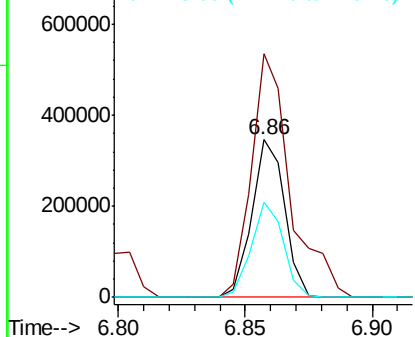


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

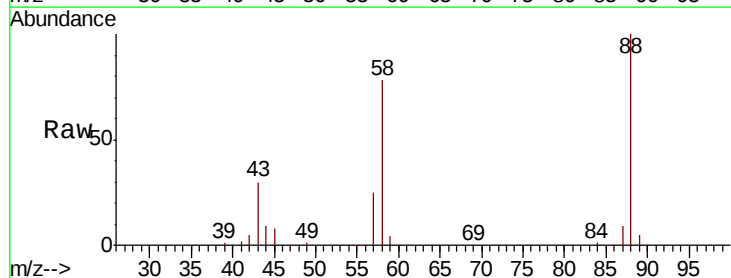
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.176 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.10 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	61.1	91.7
43	29.5	23.4	35.0

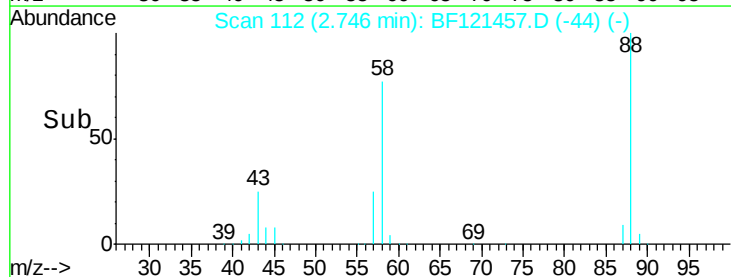
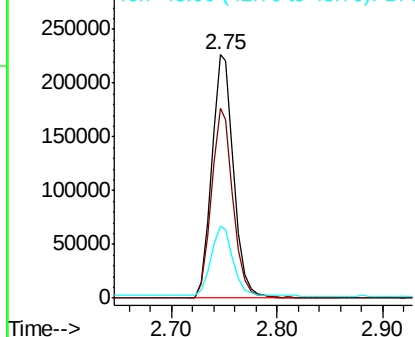


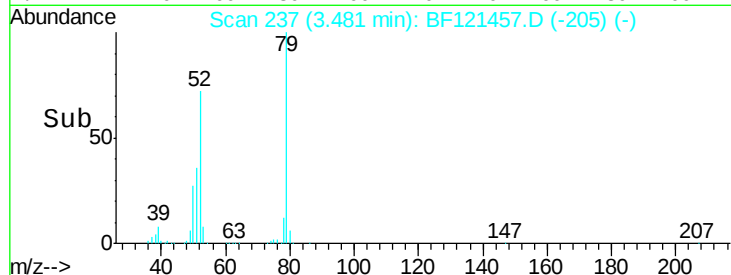
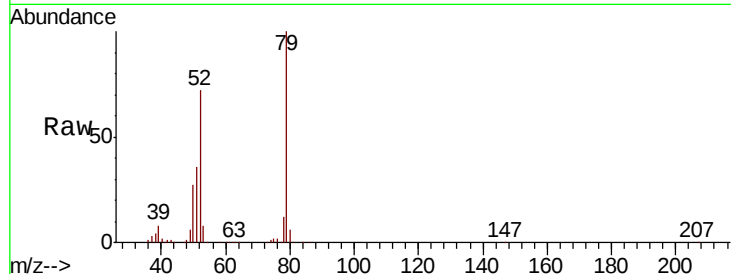
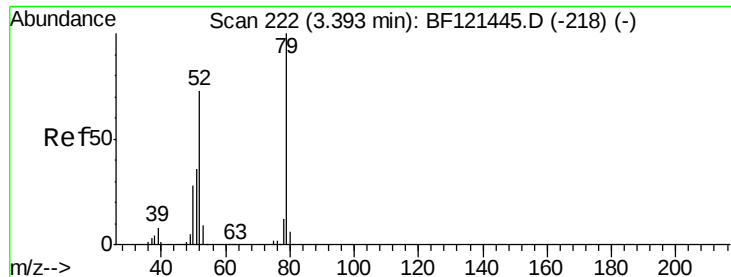
Abundance

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





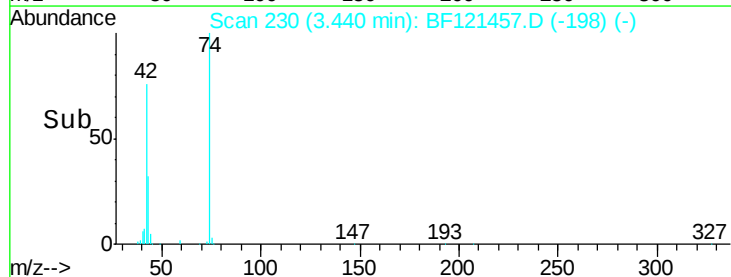
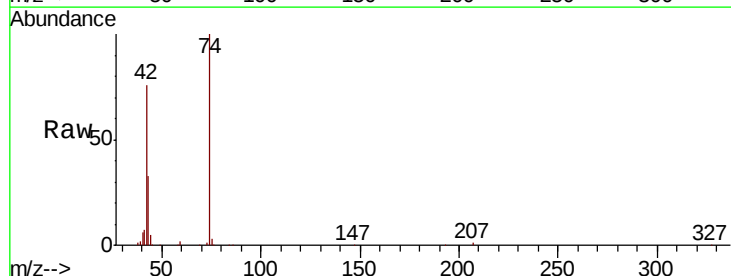
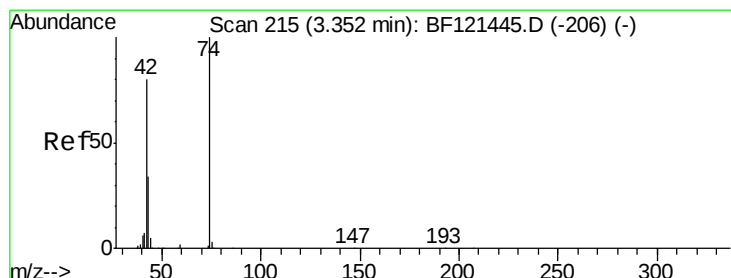
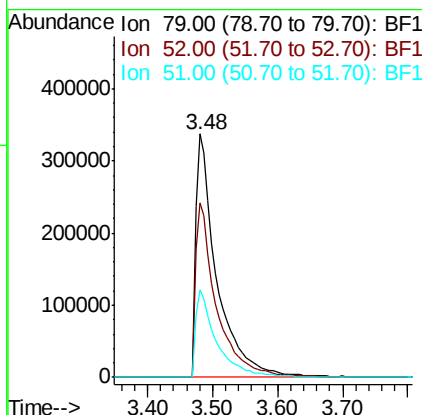
#3
 Pvridine
 Concen: 31.251 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.09 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tot Ion:	79	Resp:	751502
Ion Ratio	Lower	Upper	
79	100		
52	71.7	58.2	87.4
51	36.1	29.1	43.7

Instrument :
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 PB131261BS

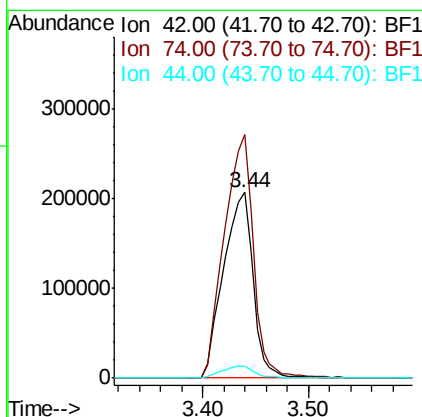
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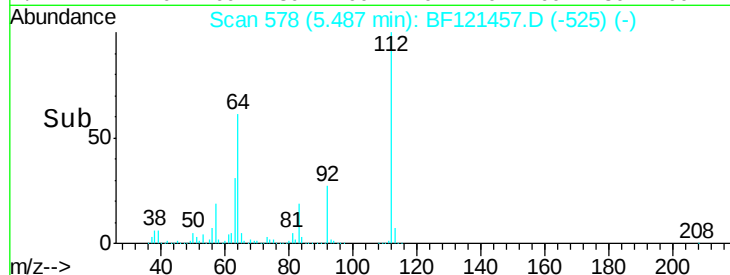
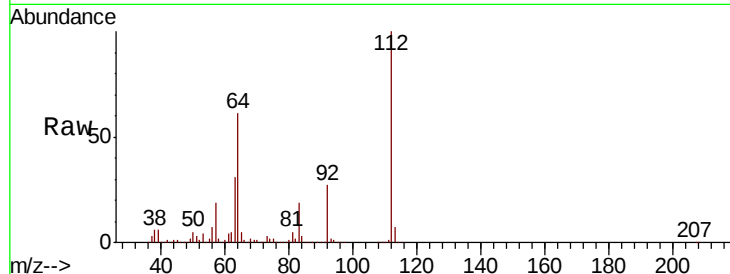
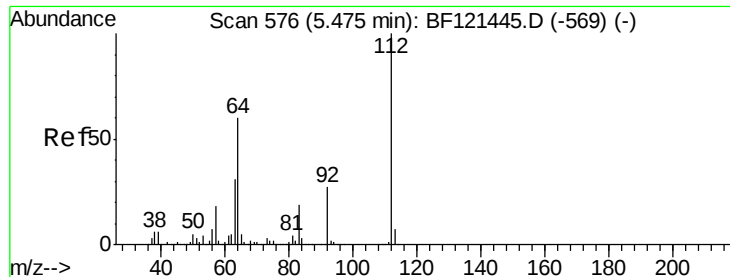
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#4
 n-Nitrosodimethylamine
 Concen: 37.912 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.09 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion:	42	Resp:	402985
Ion Ratio	Lower	Upper	
42	100		
74	131.2	100.2	150.4
44	6.7	5.4	8.0





#5

2-Fluorophenol

Concen: 101.723 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tot Ion:	112	Resp:	1883578
Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.2	72.2
63	31.4	24.8	37.2

Instrument :

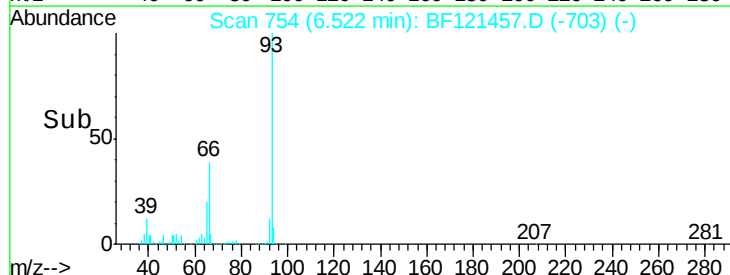
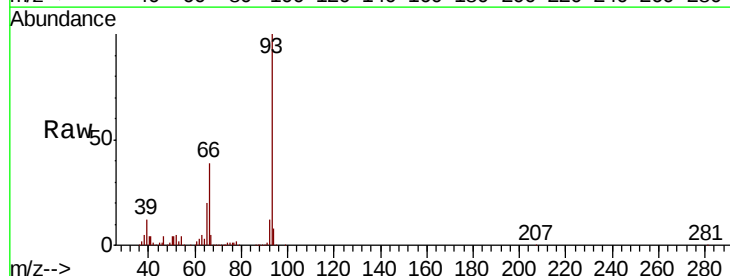
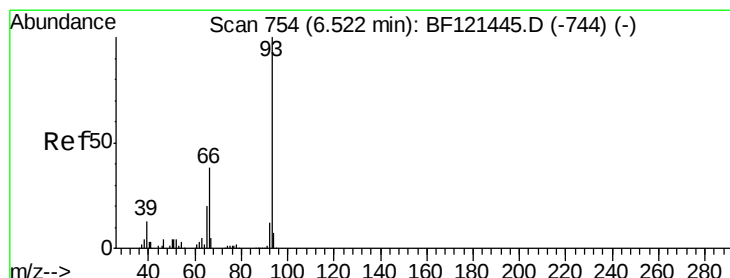
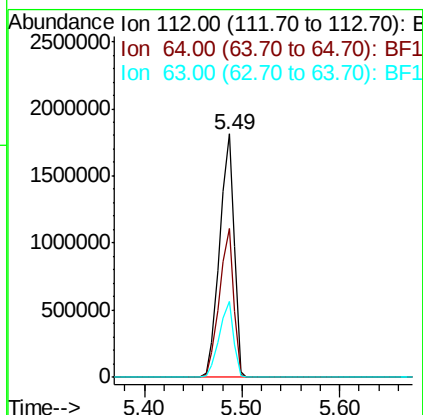
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ClientSampleId :

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#6

Aniline

Concen: 30.639 ng

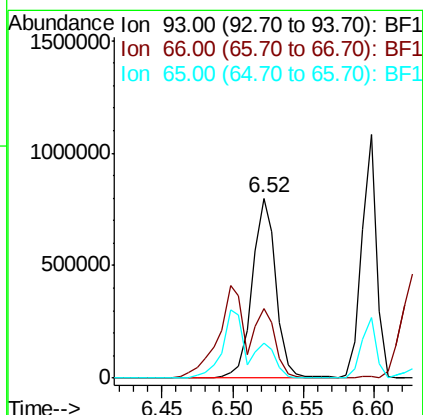
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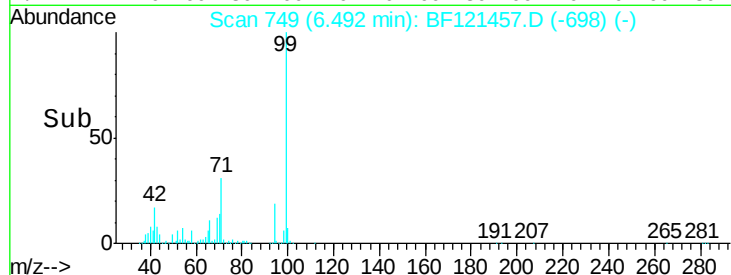
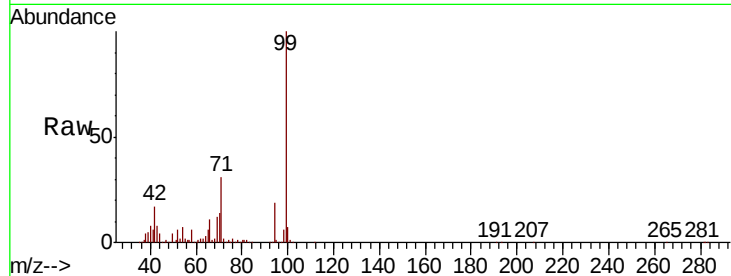
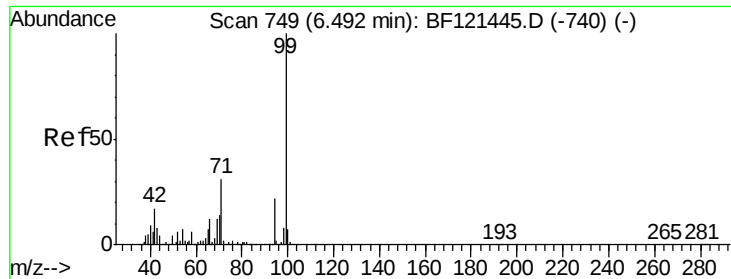
Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion:	93	Resp:	940699
Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.9	46.3
65	19.6	15.9	23.9





#7

Phenol-d6

Concen: 96.928 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	16.7	13.5	20.3	
71	31.3	24.6	37.0	

Instrument :

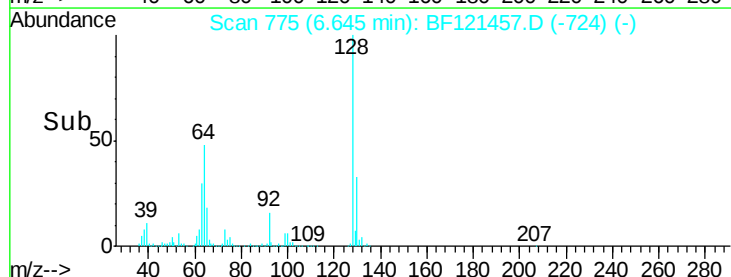
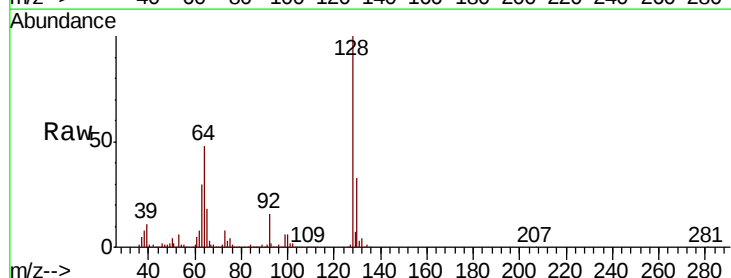
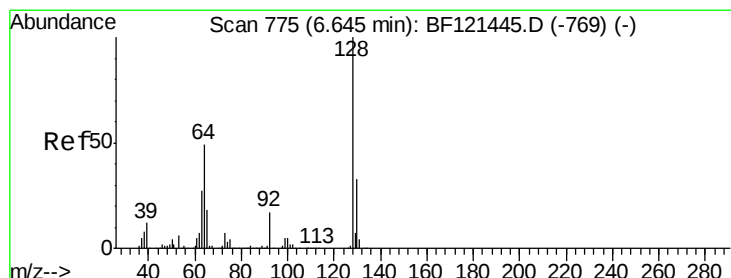
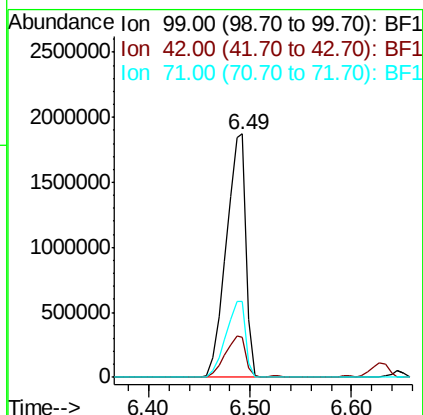
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#8

2-Chlorophenol

Concen: 42.580 ng

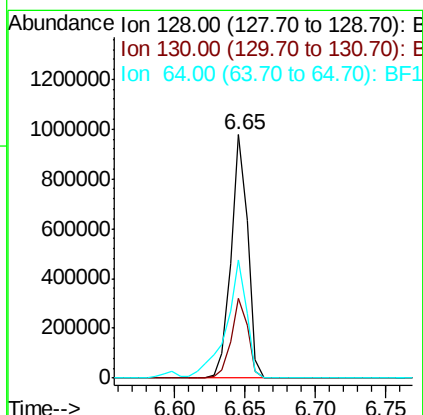
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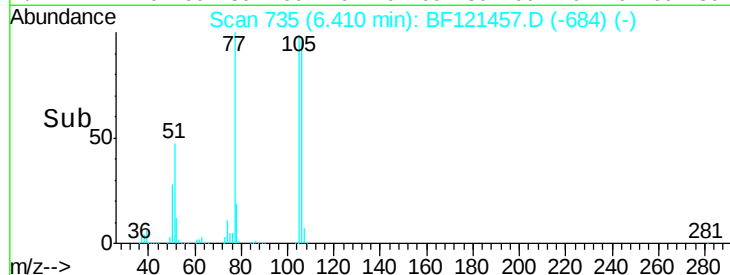
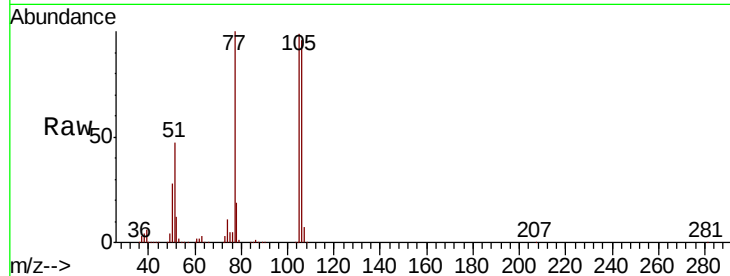
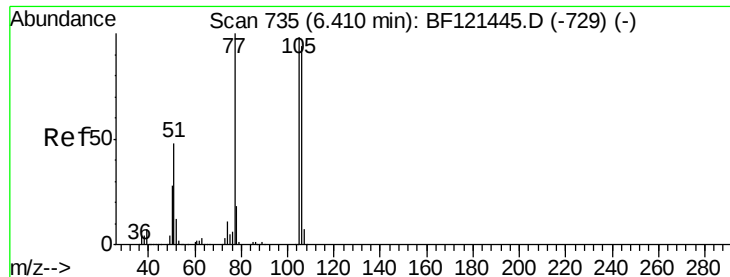
Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	32.8	12.6	52.6	
64	48.5	29.5	69.5	





#9

Benzaldehyde

Concen: 37.021 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tot Ion	77	Resp	486767
Ion	Ratio	Lower	Upper
77	100		
105	99.5	78.1	118.1
106	95.5	74.3	114.3

Instrument :

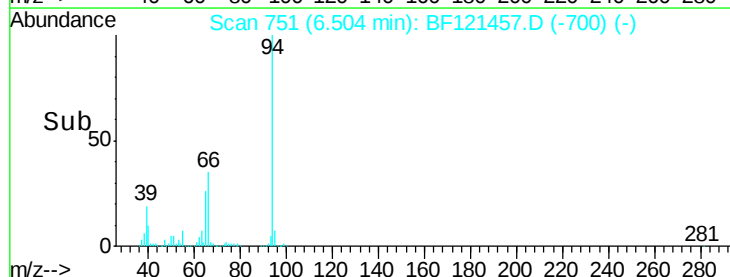
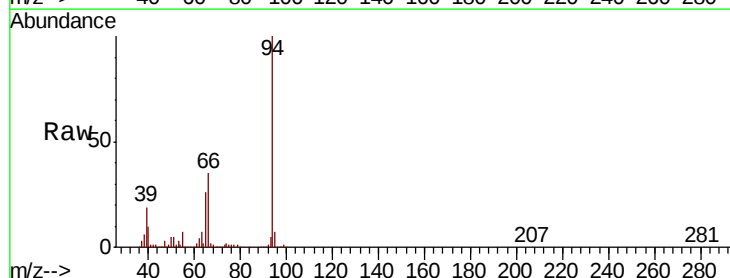
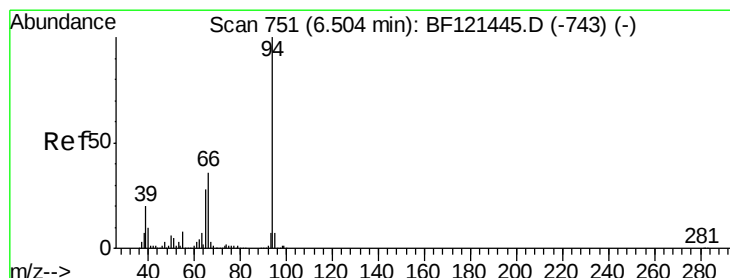
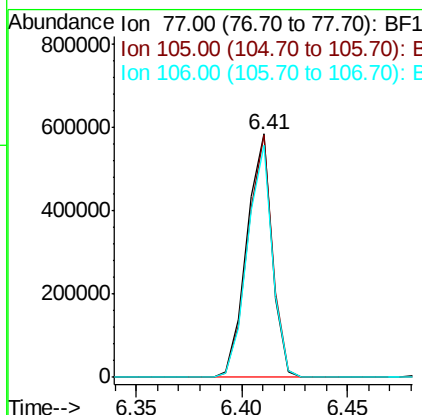
BNA_F

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#10

Phenol

Concen: 41.305 ng

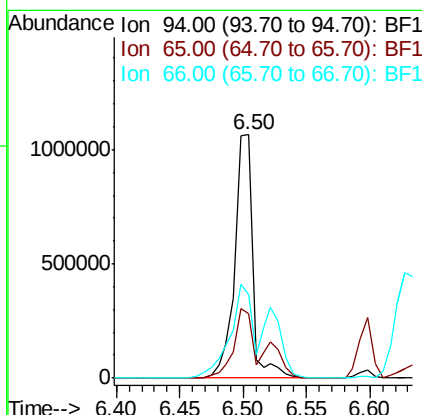
RT: 6.50 min Scan# 751

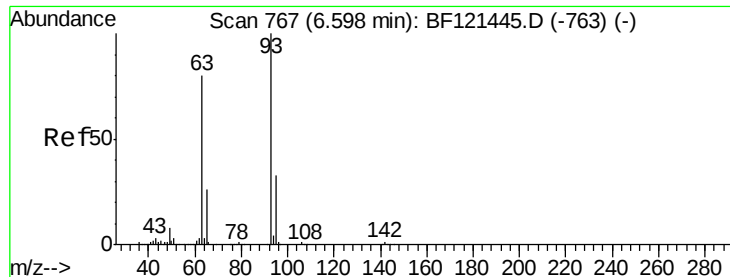
Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion	94	Resp	1045558
Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.9	47.9
66	34.5	16.0	56.0





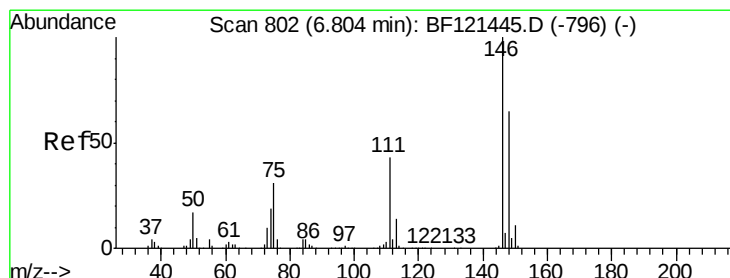
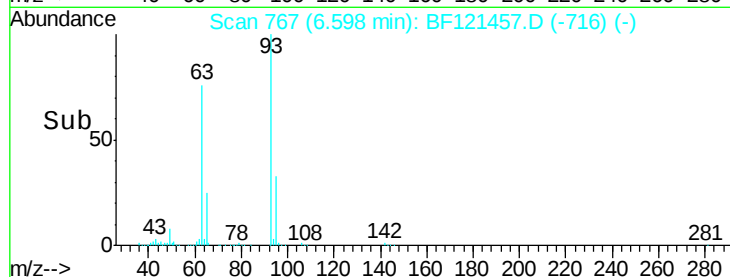
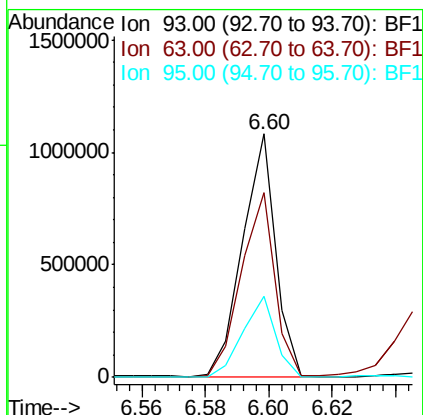
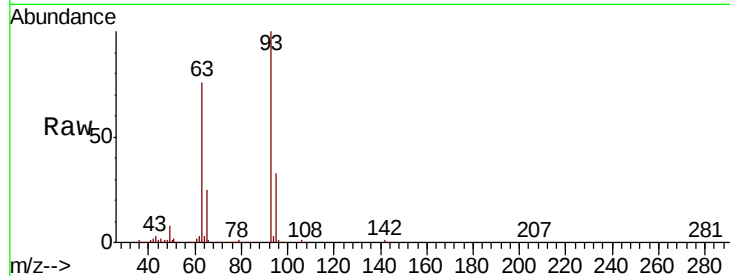
#11
bis(2-Chloroethyl)ether
Concen: 37.975 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion:	93	Resp:	781001
Ion Ratio	Lower	Upper	
93	100		
63	76.0	59.3	99.3
95	33.3	13.0	53.0

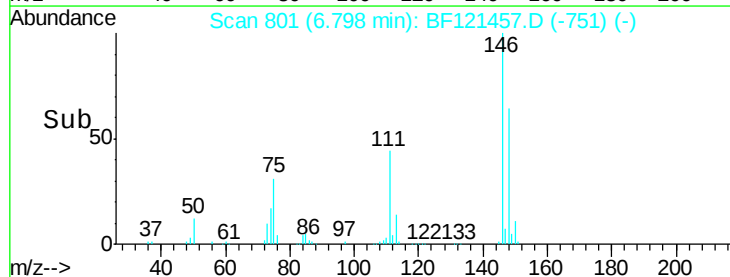
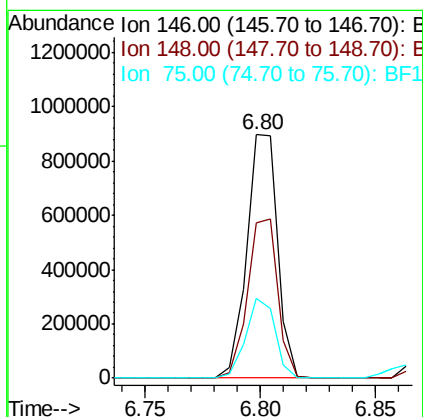
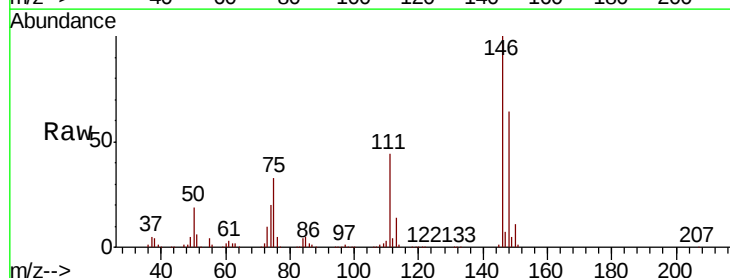
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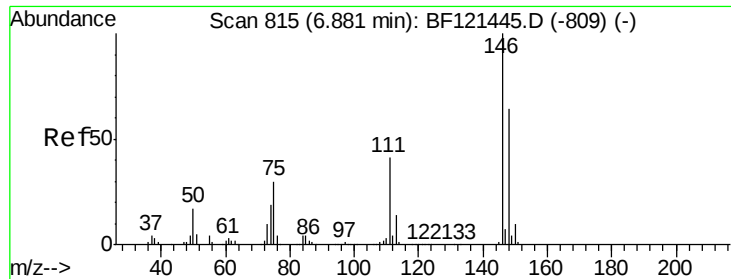
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.037 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion:	146	Resp:	838065
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.1	78.1
75	32.6	24.9	37.3





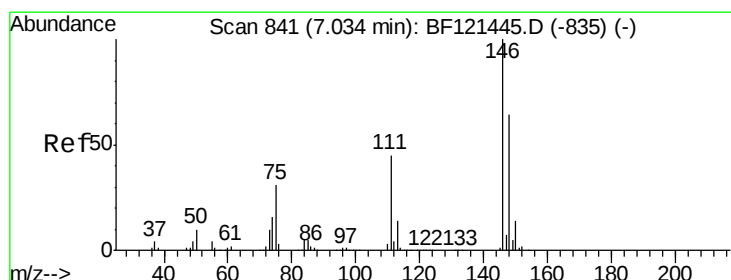
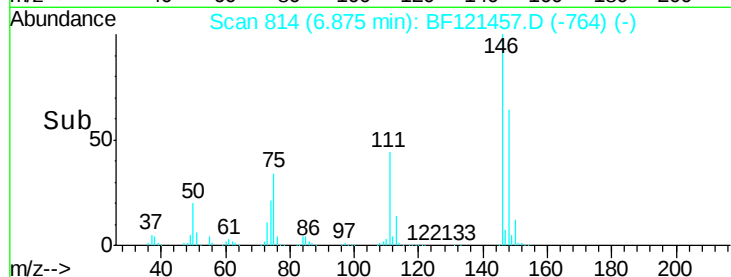
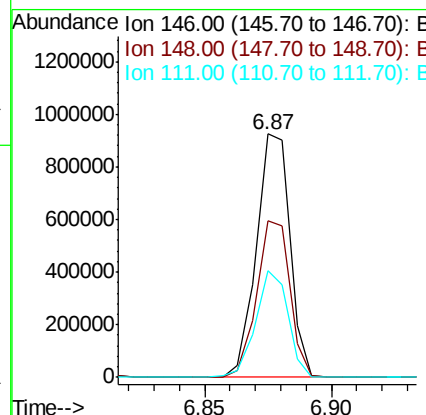
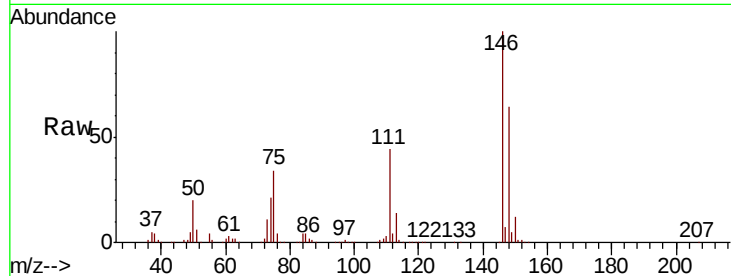
#13
 1,4-Dichlorobenzene
 Concen: 37.790 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	43.7	33.0	49.6

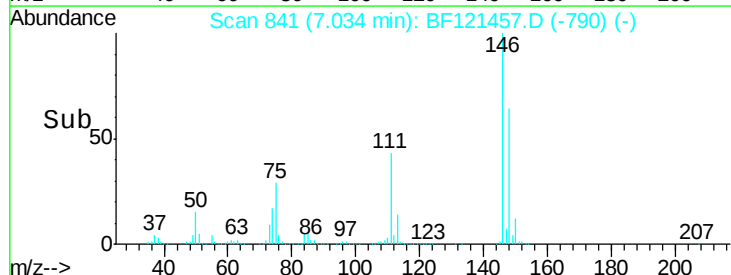
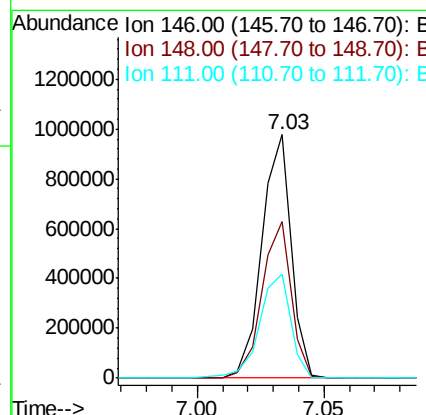
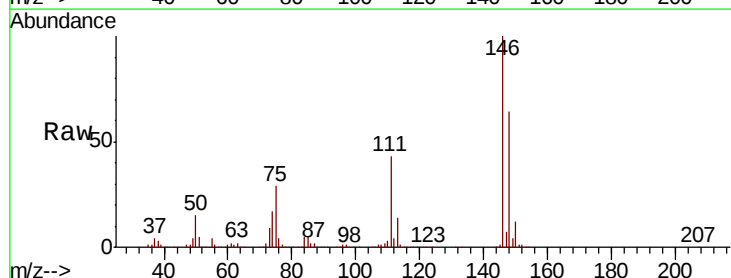
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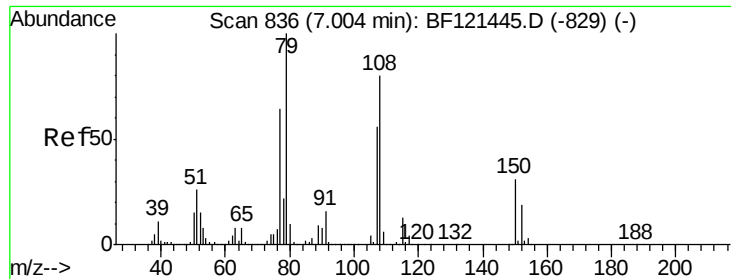
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.492 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	42.6	36.2	54.2





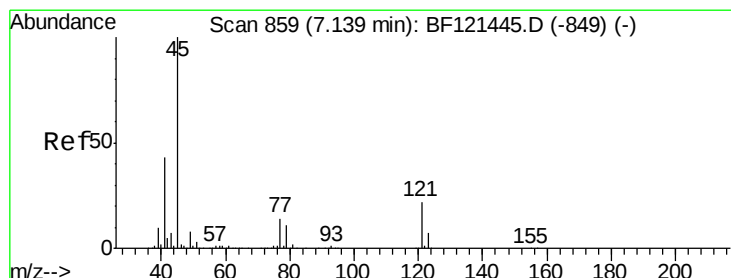
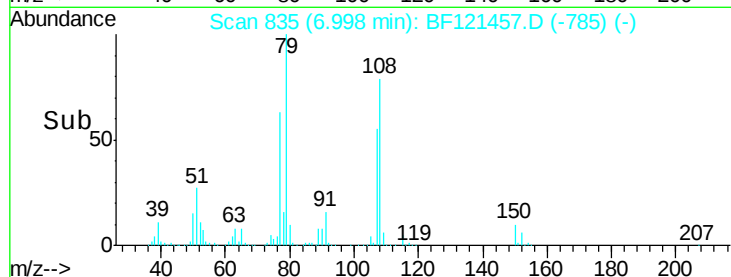
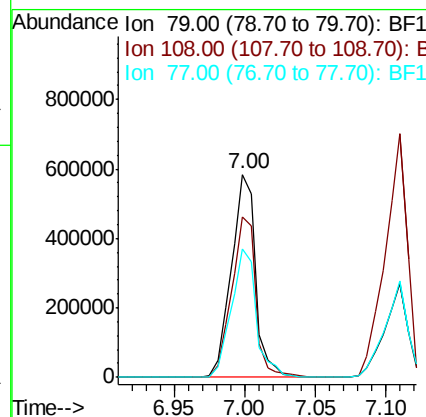
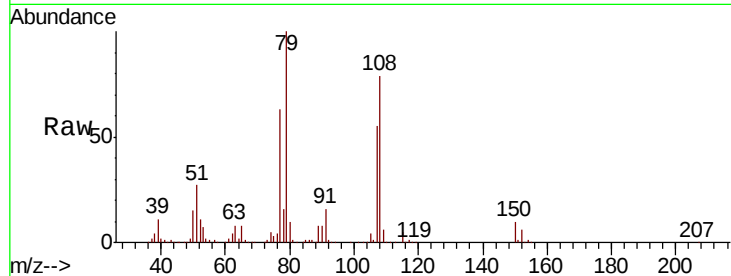
#15
Benzyl Alcohol
Concen: 41.125 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.3	64.0	96.0
77	63.1	50.8	76.2

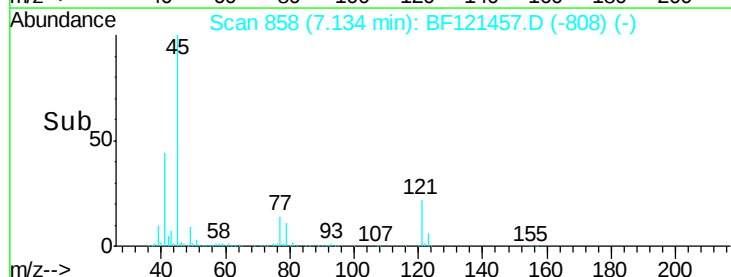
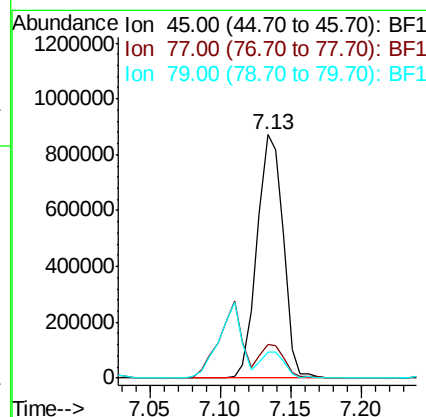
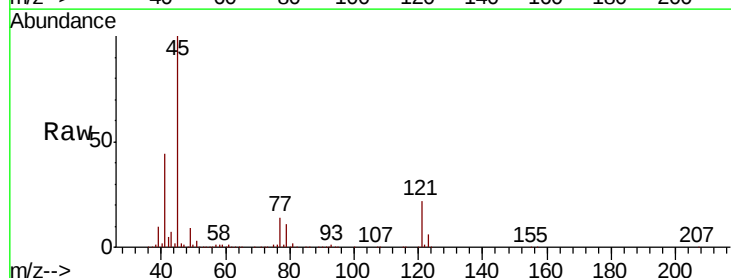
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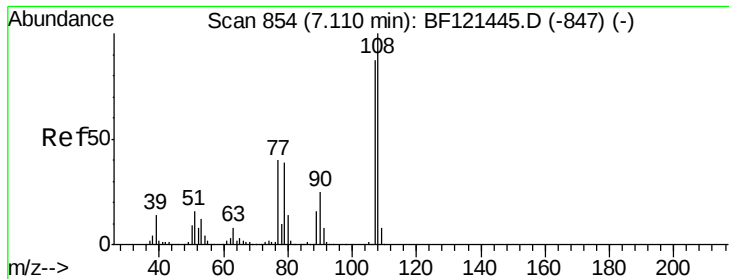
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.437 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.8
79	10.5	0.0	31.1





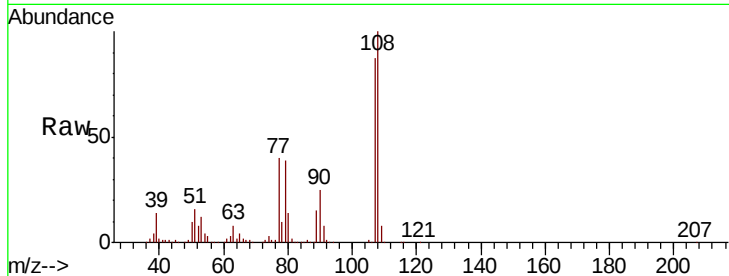
#17
2-Methylphenol
Concen: 40.184 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

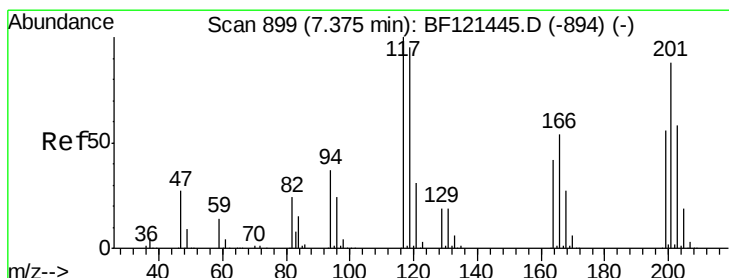
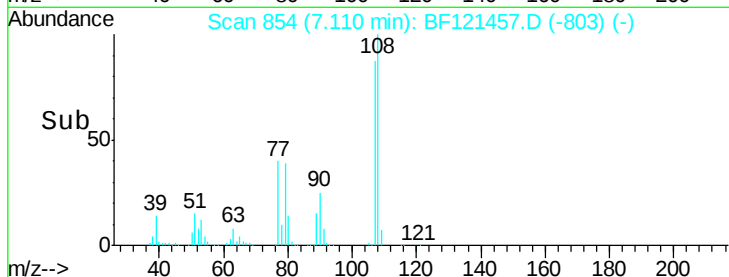
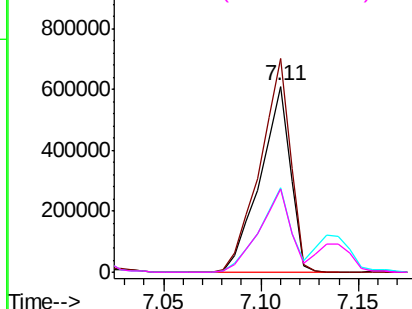
Tot Ion	107	Resp	657060
Ion Ratio	Lower	Upper	
107	100		
108	114.9	91.7	137.5
77	45.5	36.4	54.6
79	44.5	35.5	53.3

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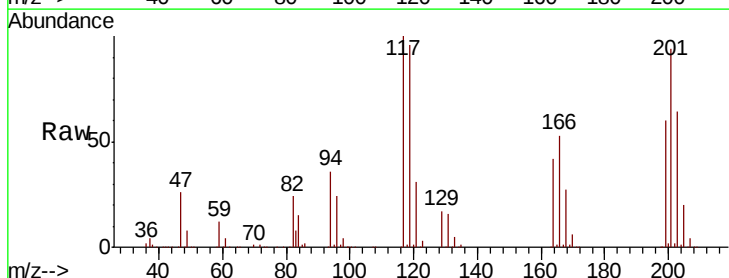


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

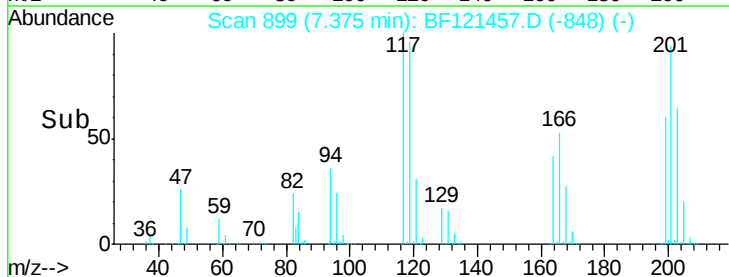
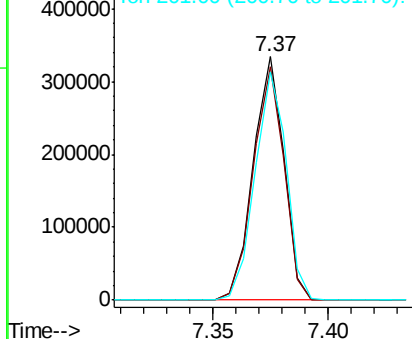


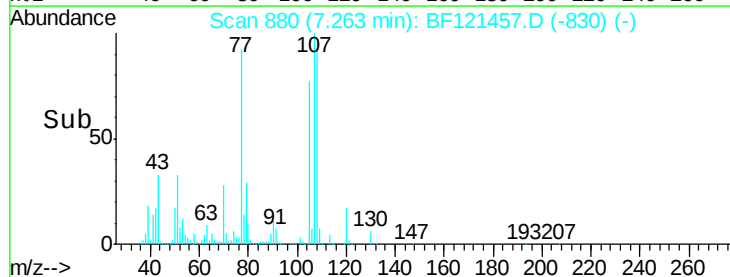
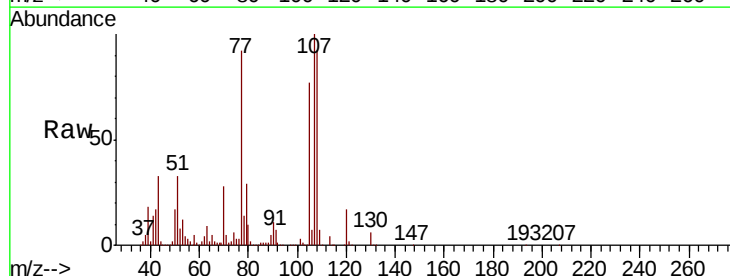
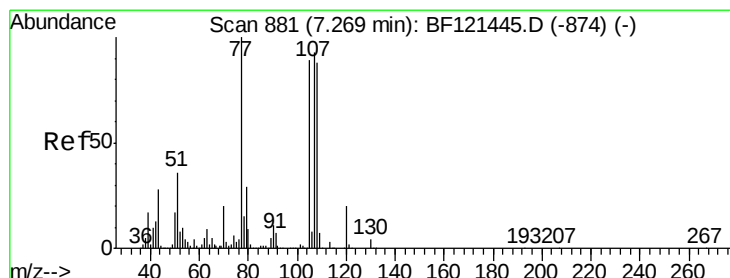
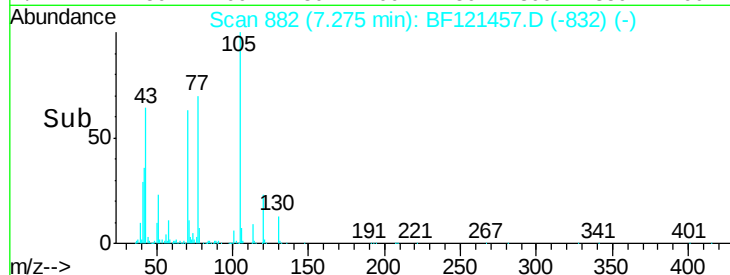
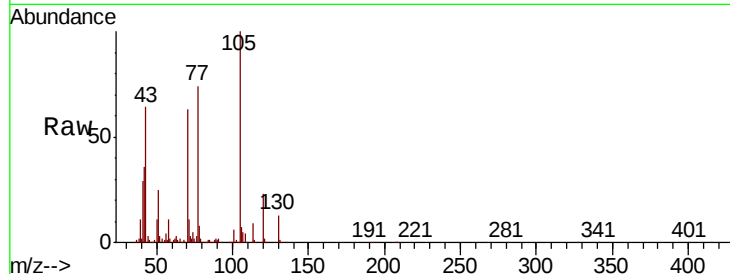
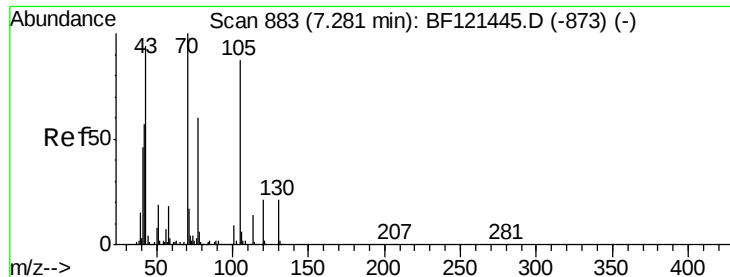
#18
Hexachloroethane
Concen: 40.044 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	117	Resp	310777
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.8	113.8
201	93.7	70.4	105.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





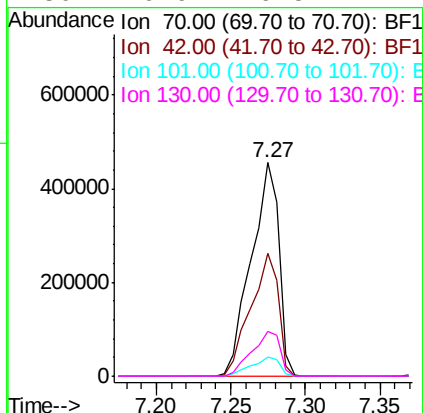
#19
n-Nitroso-di-n-propylamine
Concen: 40.055 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	45.8	68.6
101	9.0	7.5	11.3
130	20.9	16.5	24.7

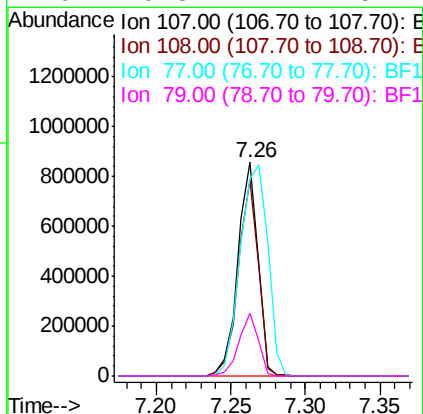
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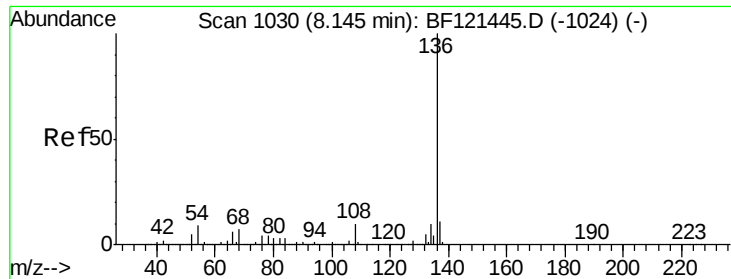
mohammad
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#20
3+4-Methylphenols
Concen: 41.074 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	75.0	115.0
77	92.4	87.5	127.5
79	29.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion:136 Resp: 1221442

Ion Ratio Lower Upper

136 100

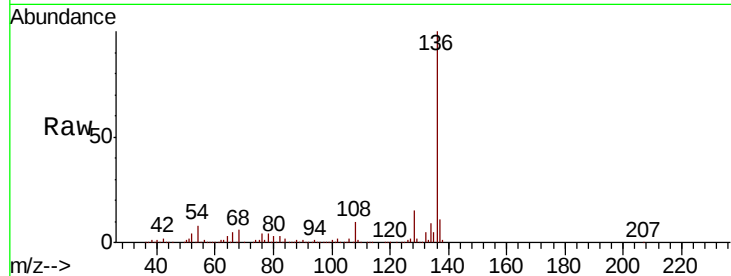
137 11.1 9.1 13.7

54 7.9 7.0 10.4

68 6.5 5.5 8.3

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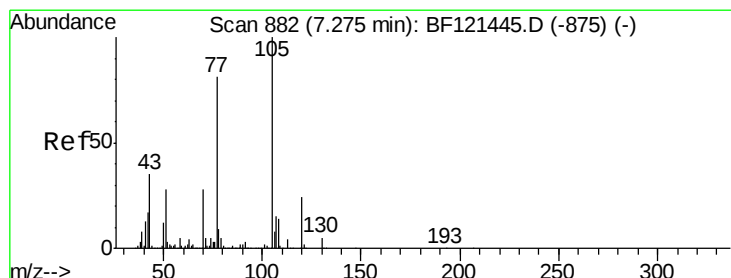
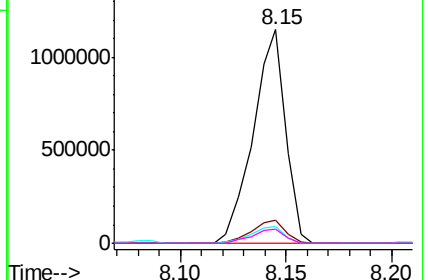
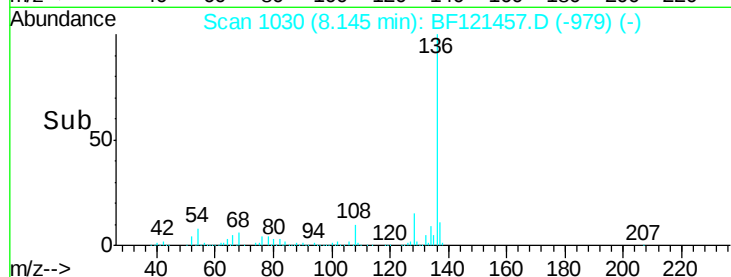


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.254 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion:105 Resp: 1091438

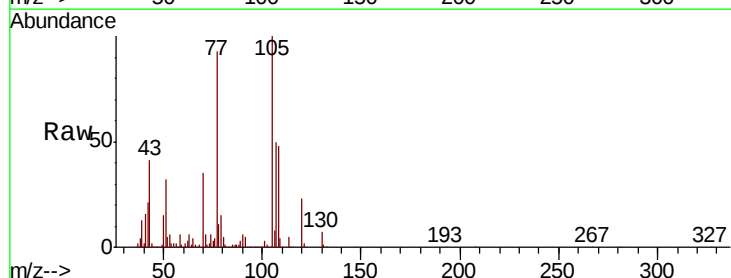
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.6#

51 32.5 22.6 33.8

120 22.8 18.9 28.3

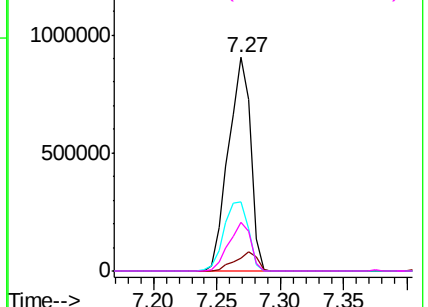
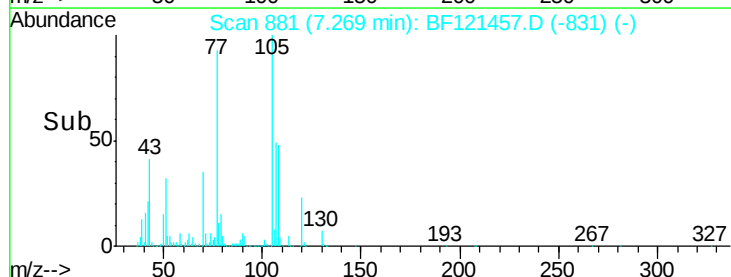


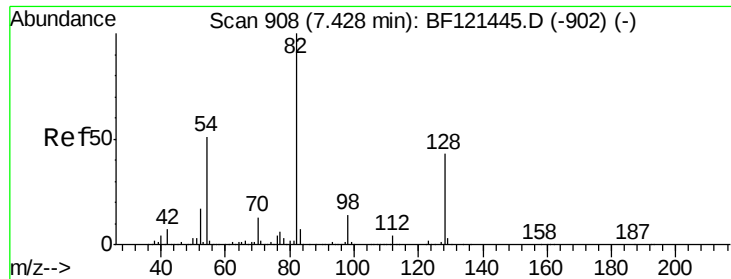
Abundance Ion 105.00 (104.70 to 105.70): E

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





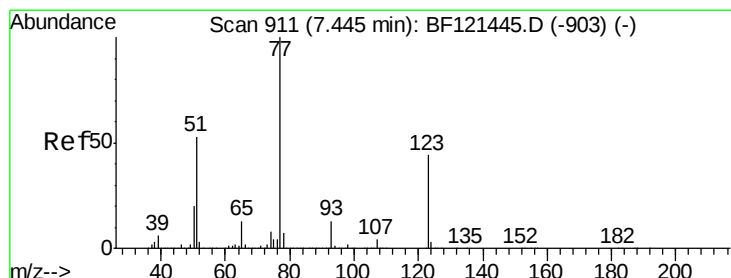
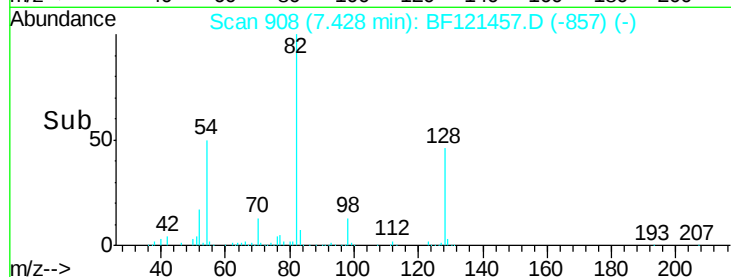
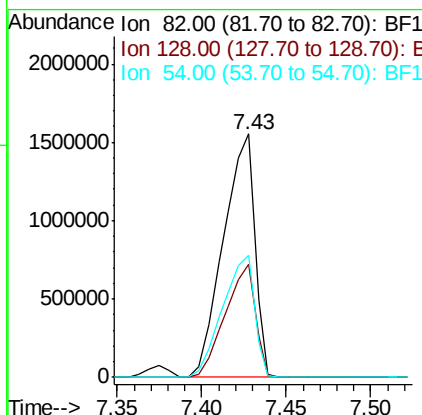
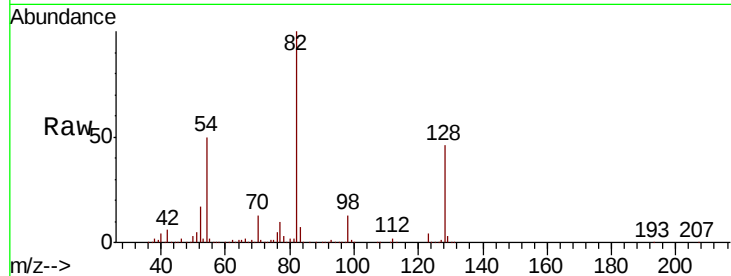
#23
 Nitrobenzene-d5
 Concen: 111.778 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion: 82 Resp: 1997066
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.1 51.1
 54 50.0 41.0 61.6

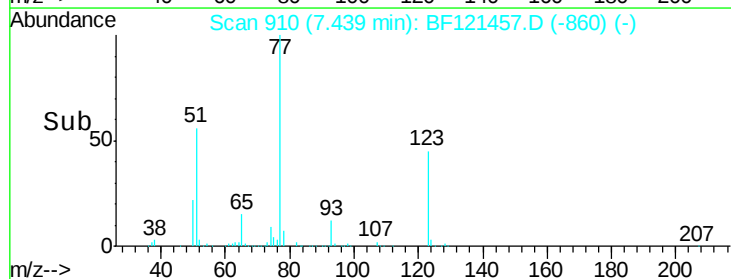
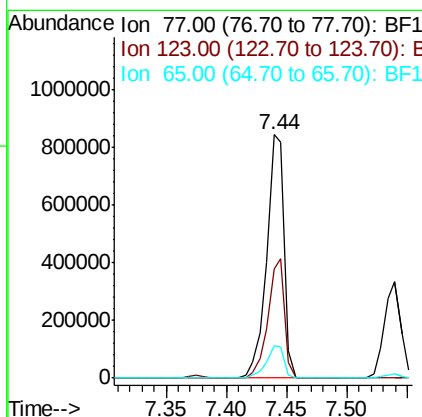
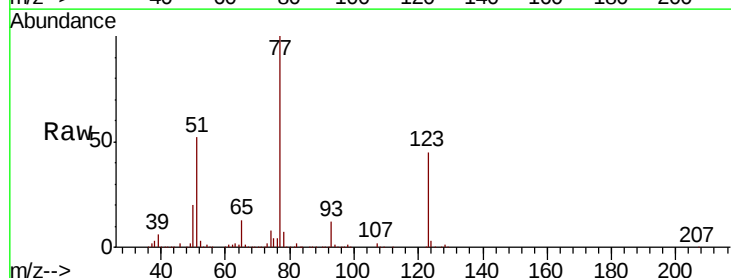
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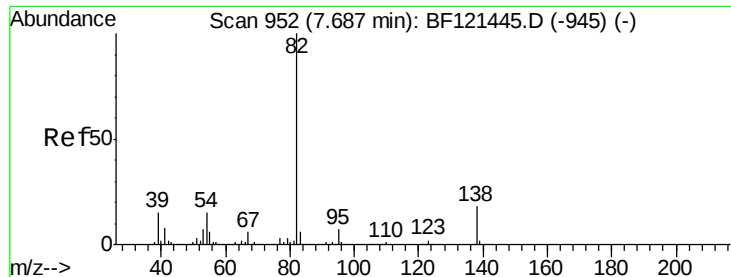
mohammad
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#24
 Nitrobenzene
 Concen: 46.875 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion: 77 Resp: 839478
 Ion Ratio Lower Upper
 77 100
 123 45.1 35.5 53.3
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 39.307 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion: 82 Resp: 1579551

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

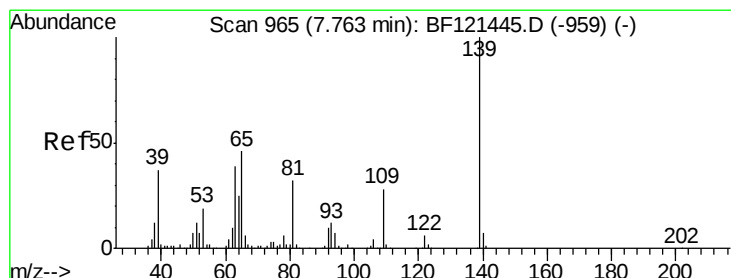
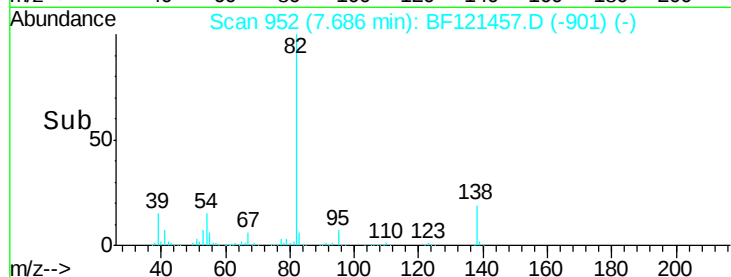
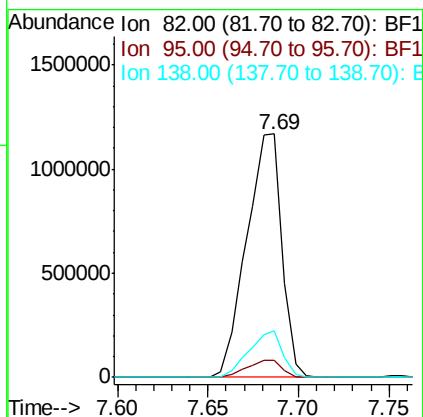
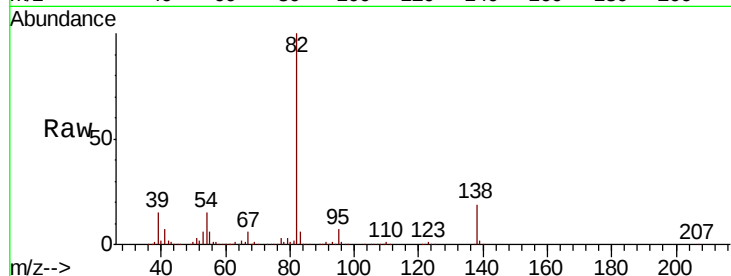
138 19.2 14.8 22.2

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#26

2-Nitrophenol

Concen: 48.608 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

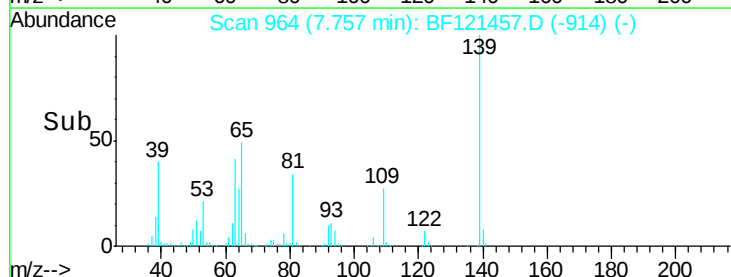
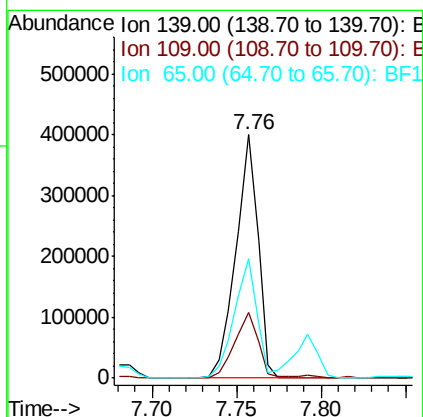
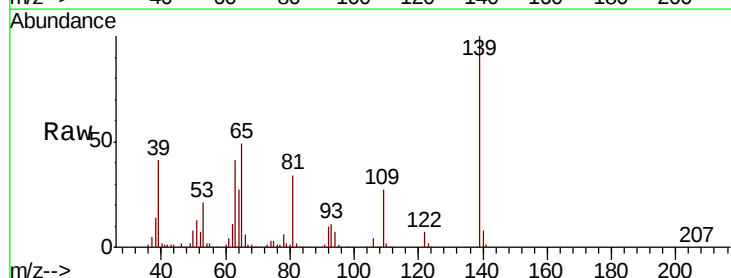
Tgt Ion: 139 Resp: 365098

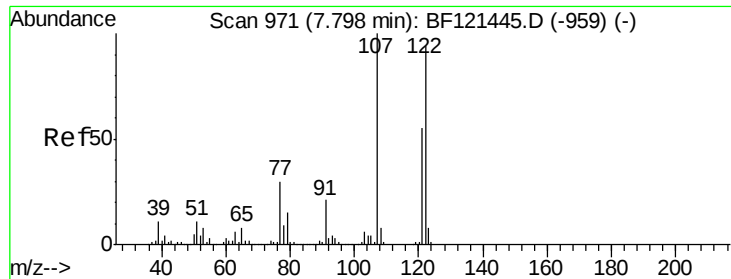
Ion Ratio Lower Upper

139 100

109 27.1 22.1 33.1

65 49.2 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 46.067 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

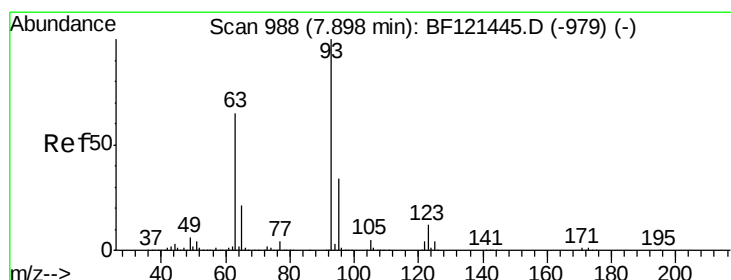
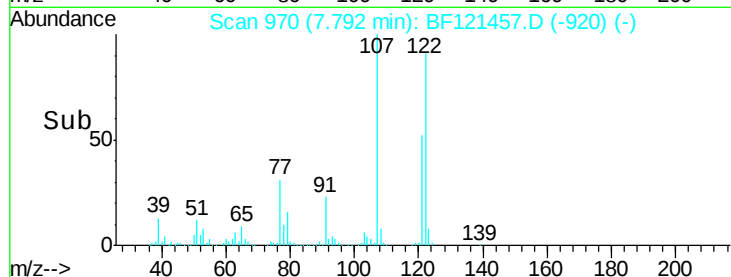
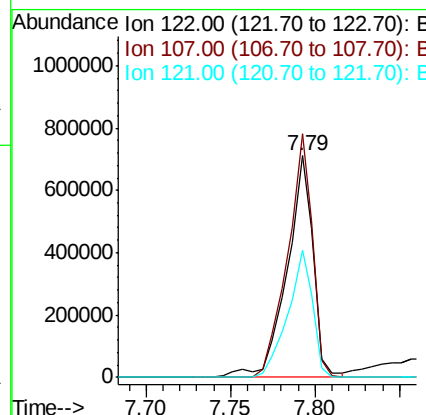
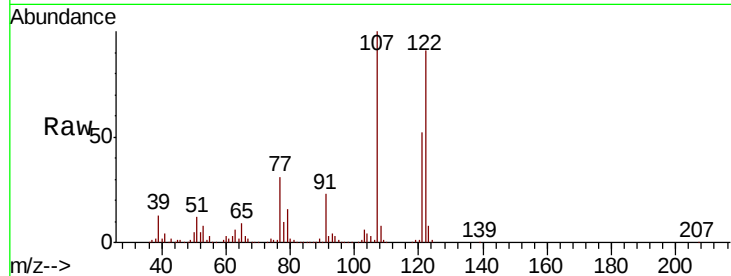
ClientSampled :

PB131261BS

Tot Ion:	122	Resp:	767804
Ion Ratio	Lower	Upper	
122	100		
107	110.0	84.9	127.3
121	57.5	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 36.844 ng

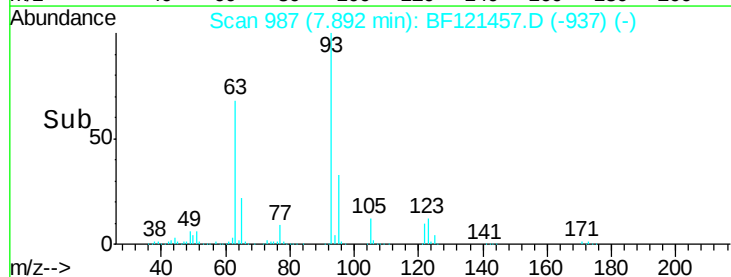
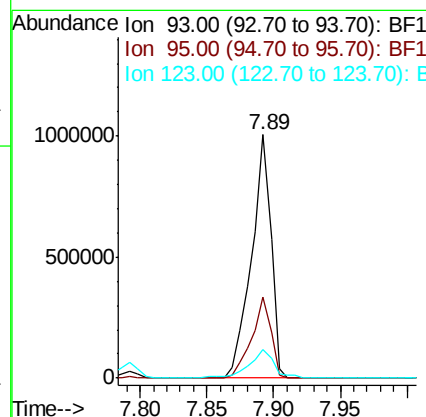
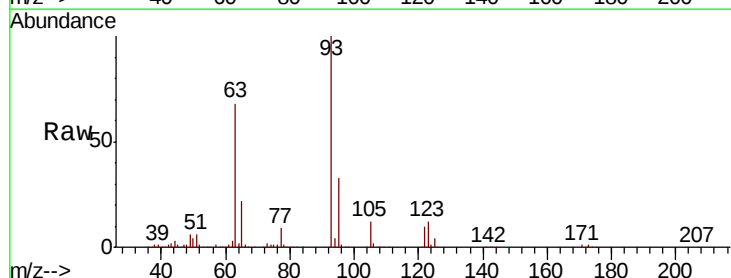
RT: 7.89 min Scan# 987

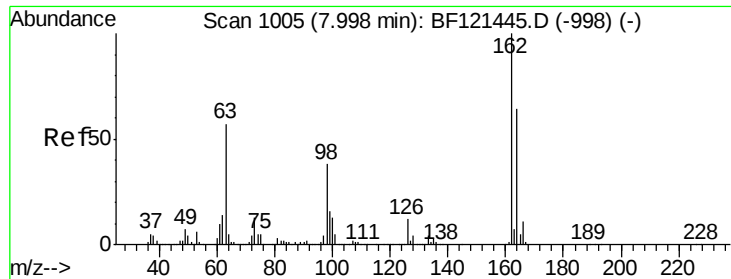
Delta R.T. -0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion:	93	Resp:	1006808
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	11.8	9.6	14.4





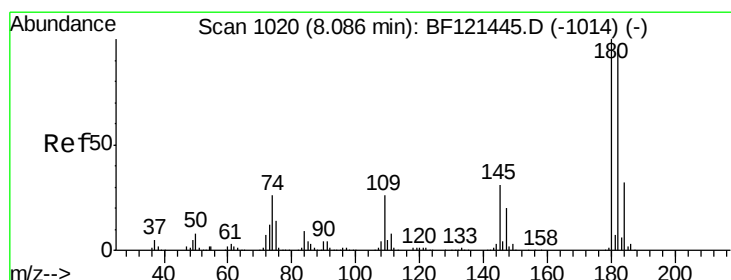
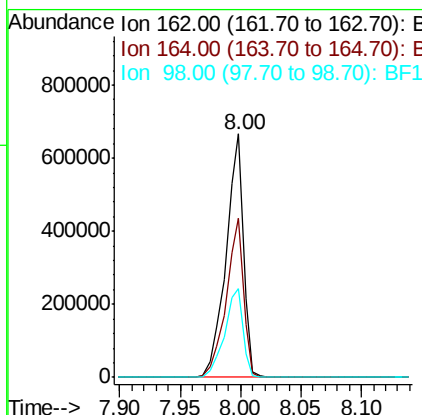
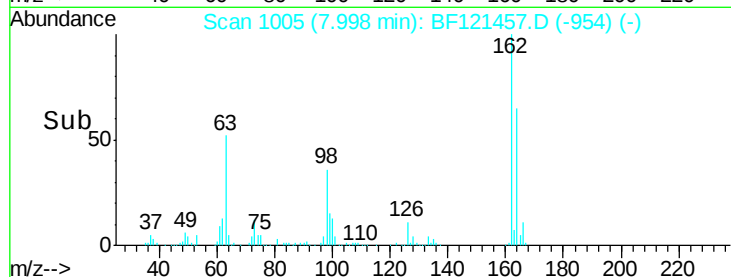
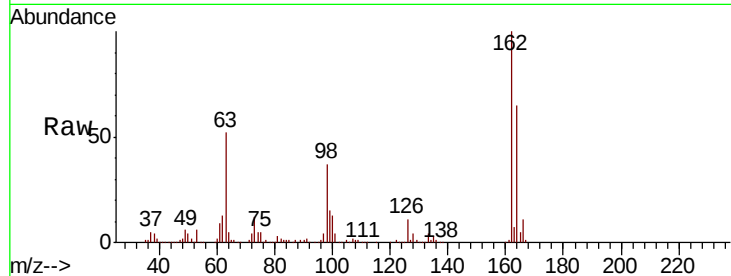
#29
 2,4-Dichlorophenol
 Concen: 40.733 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	670332		
164	65.4	44.0	84.0	
98	36.5	18.4	58.4	

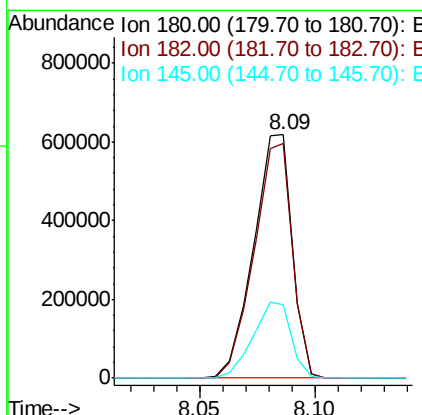
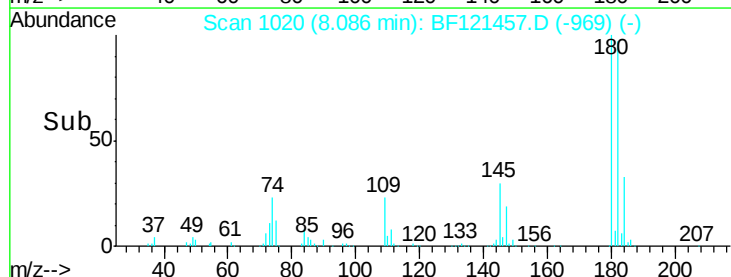
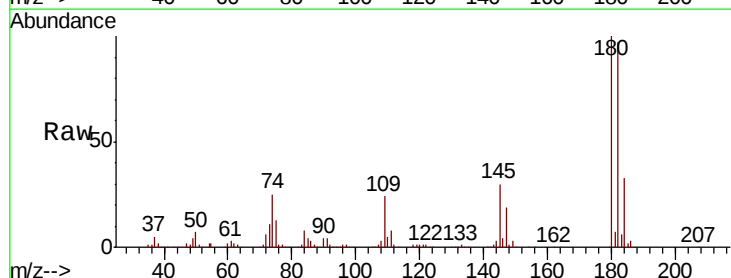
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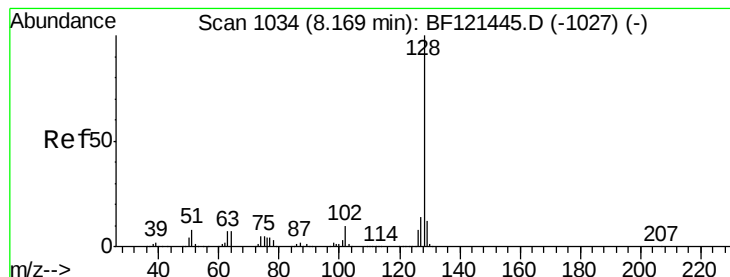
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.672 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	719137		
182	96.5	76.2	114.4	
145	30.2	25.2	37.8	





#31

Naphthalene

Concen: 37.685 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion:128 Resp: 2285212

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

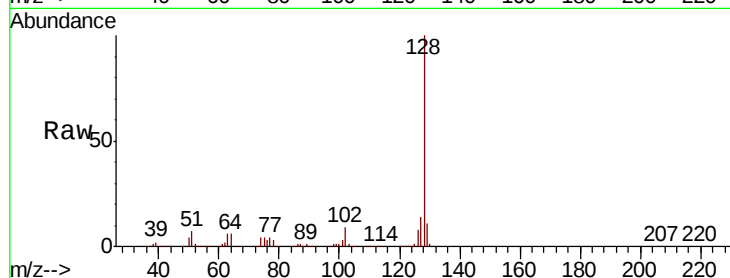
127 13.8 11.4 17.2

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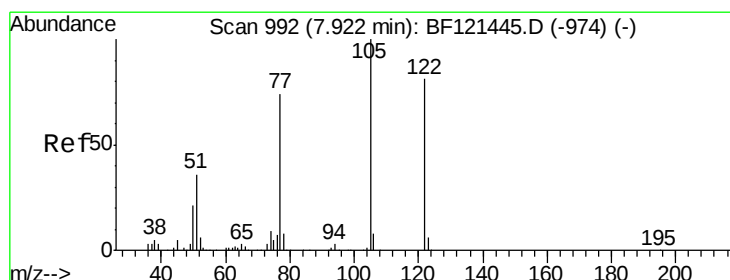
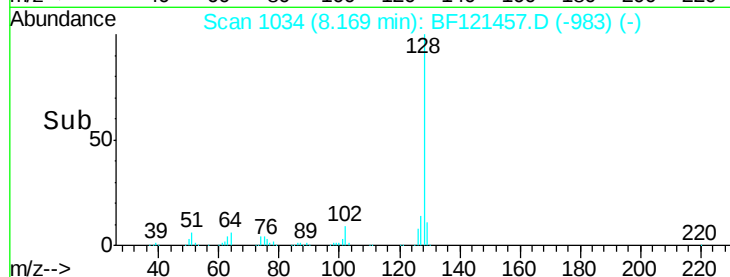
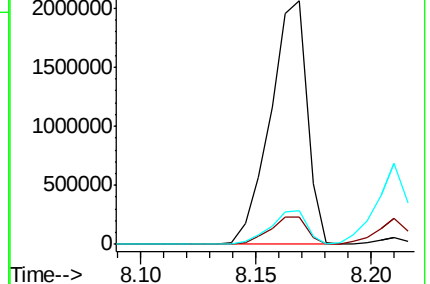
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.029 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

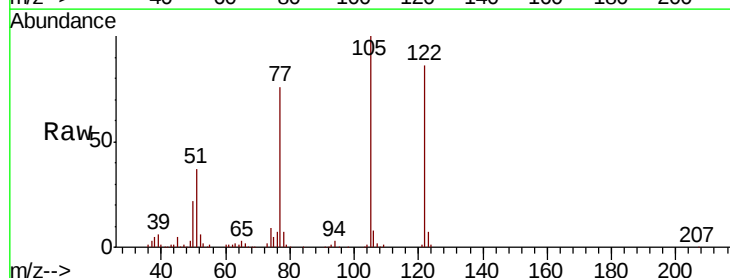
Tgt Ion:122 Resp: 452292

Ion Ratio Lower Upper

122 100

105 116.6 100.8 140.8

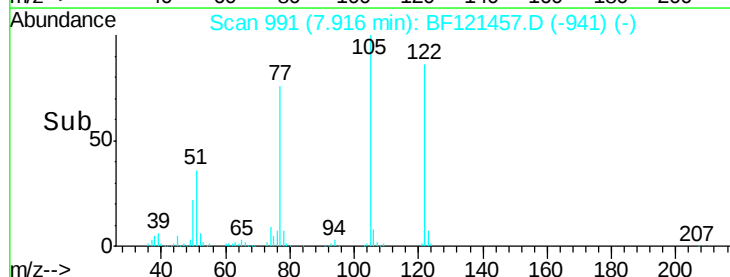
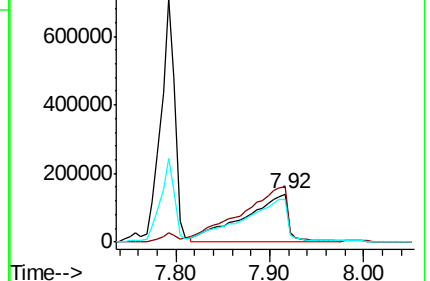
77 89.1 71.5 111.5

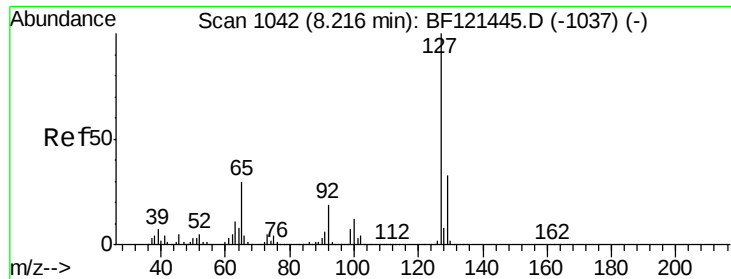


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





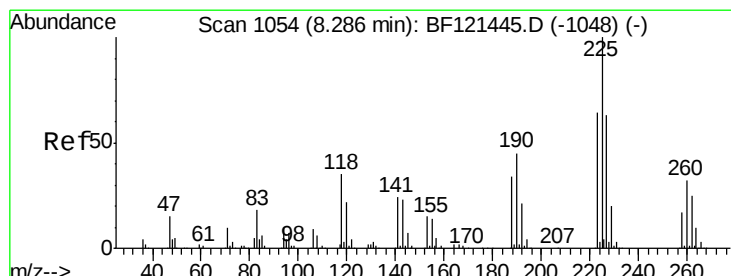
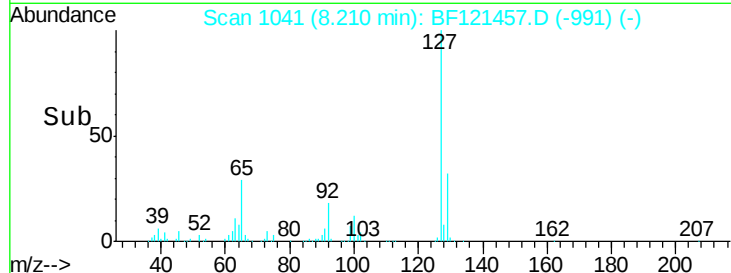
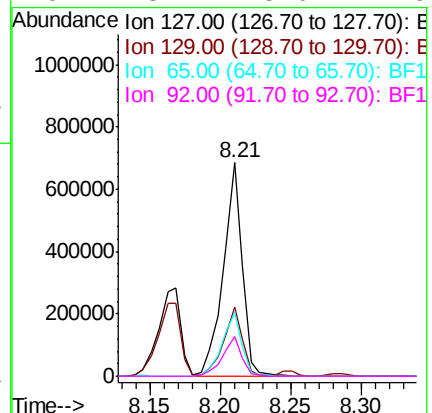
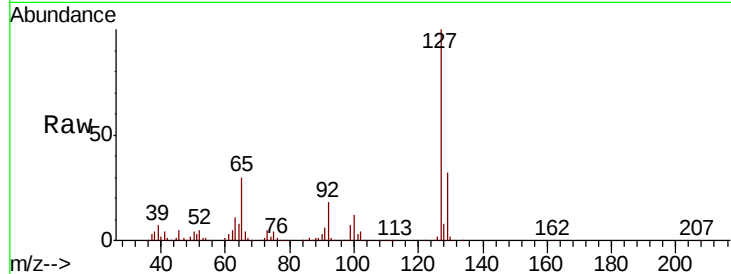
#33
4-Chloroaniline
Concen: 23.740 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		641191		
129	32.4	26.1	39.1		
65	29.7	23.7	35.5		
92	18.4	15.0	22.6		

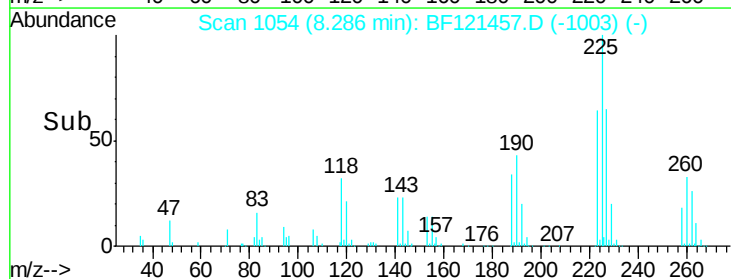
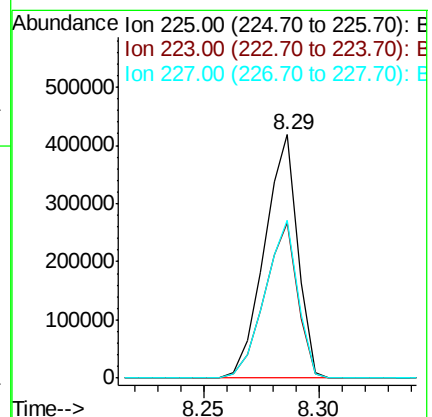
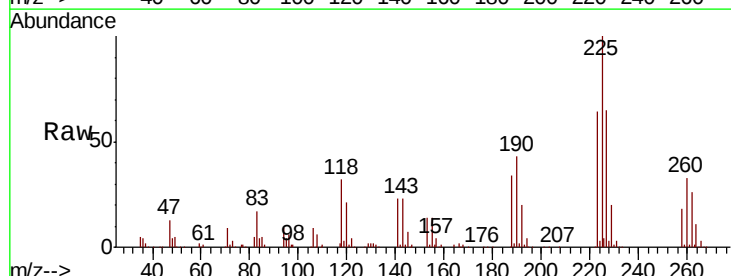
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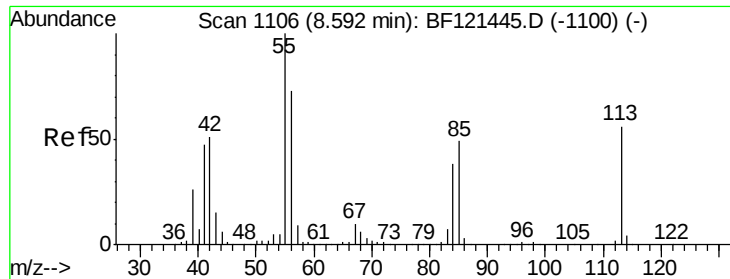
mohammad
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#34
Hexachlorobutadiene
Concen: 34.921 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		418661		
223	63.7	51.0	76.4		
227	64.7	50.0	75.0		





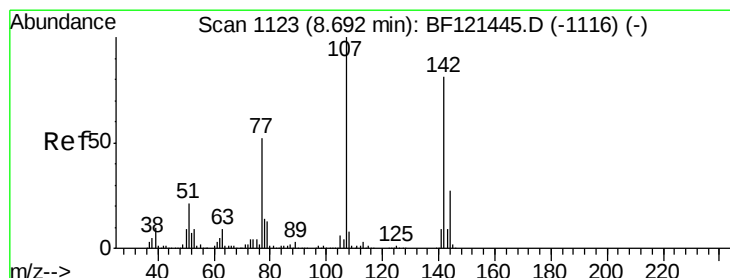
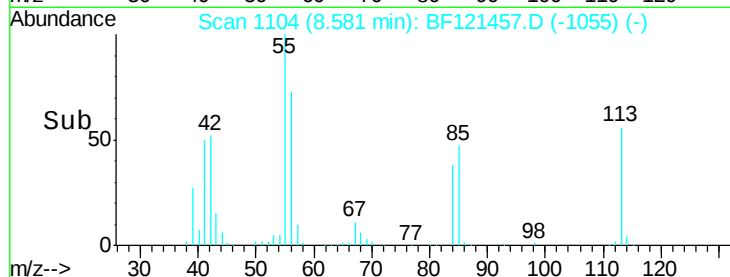
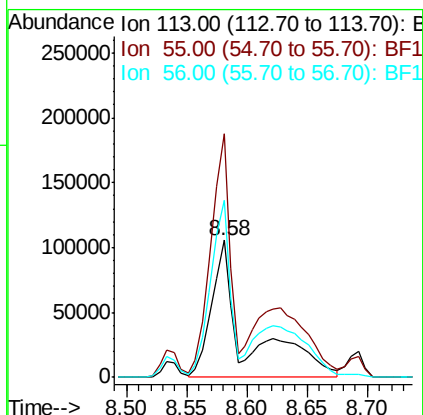
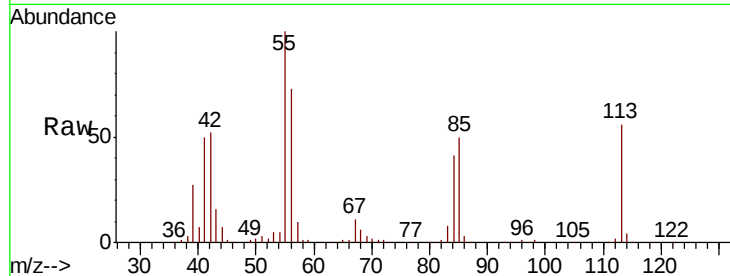
#35
Caprolactam
Concen: 39.114 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleID :
PB131261BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.7	159.9	199.9
56	129.6	111.4	151.4

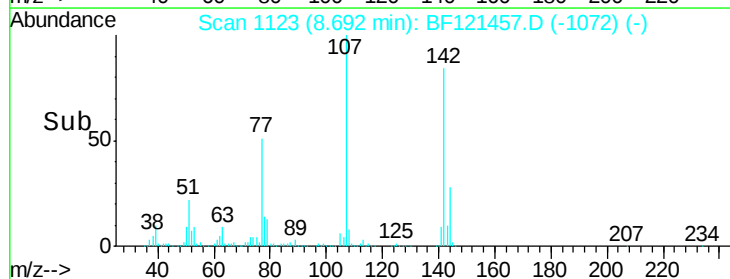
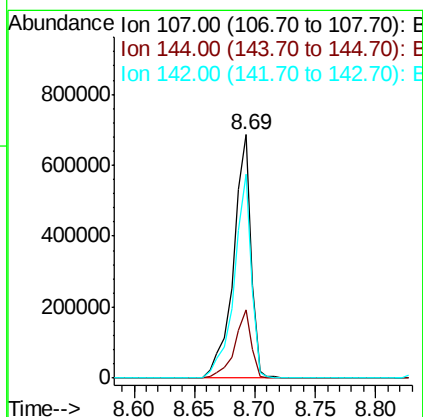
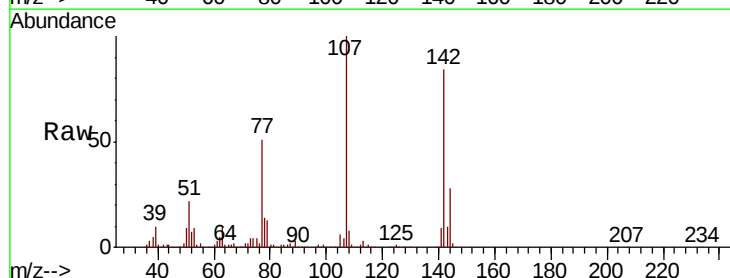
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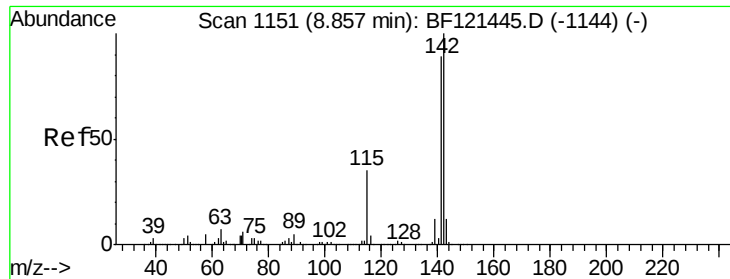
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.303 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.4	32.2
142	83.8	65.0	97.4





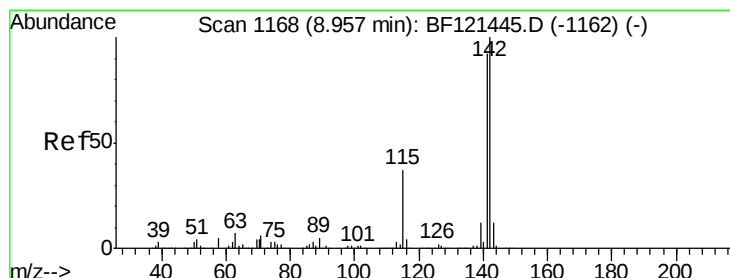
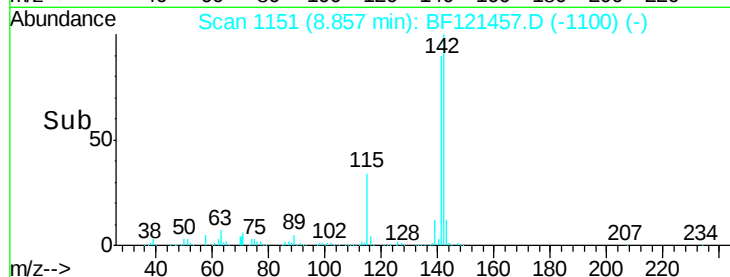
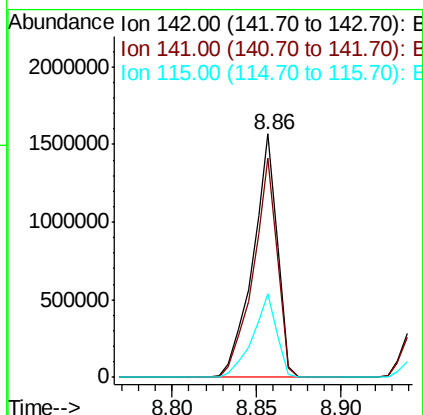
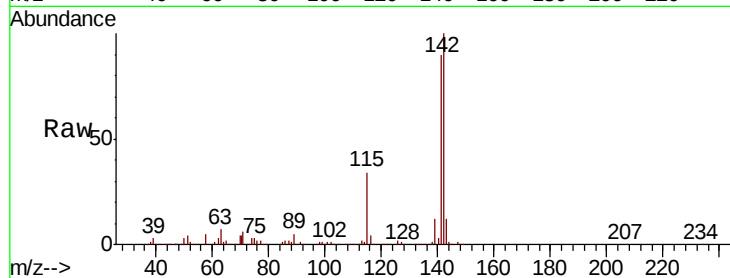
#37
2-Methylnaphthalene
Concen: 39.308 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.2	28.2	42.4

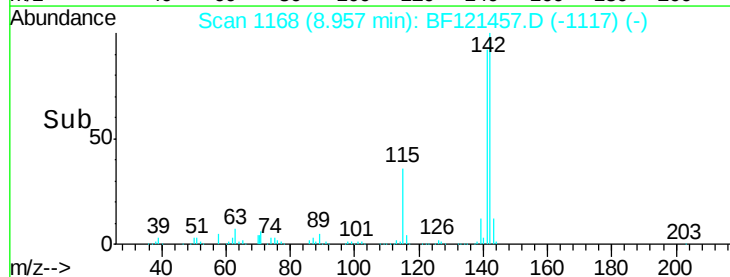
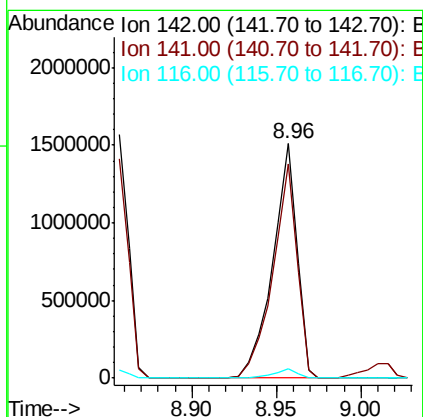
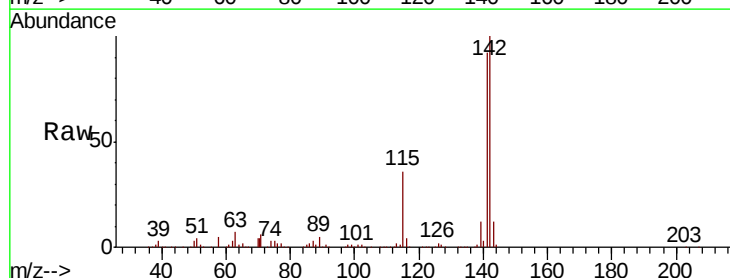
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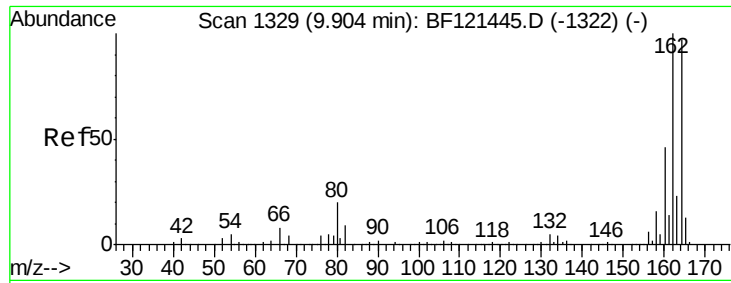
mohammad
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#38
1-Methylnaphthalene
Concen: 39.242 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	3.9	3.1	4.7





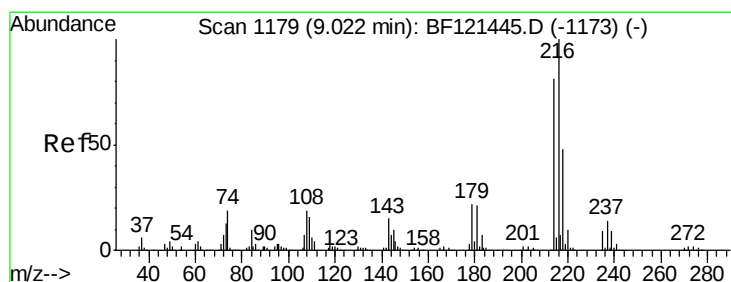
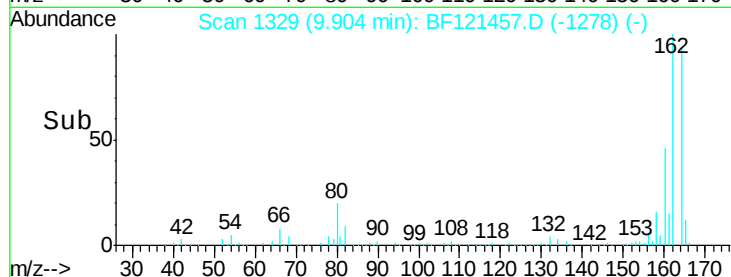
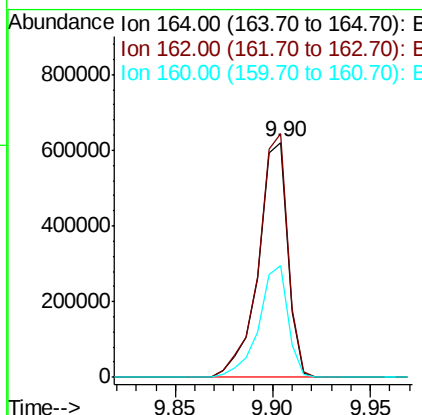
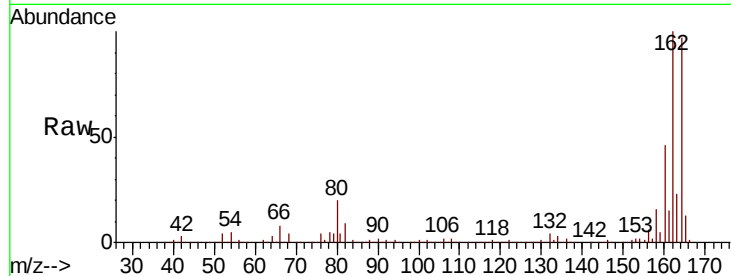
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	47.7	37.6	56.4

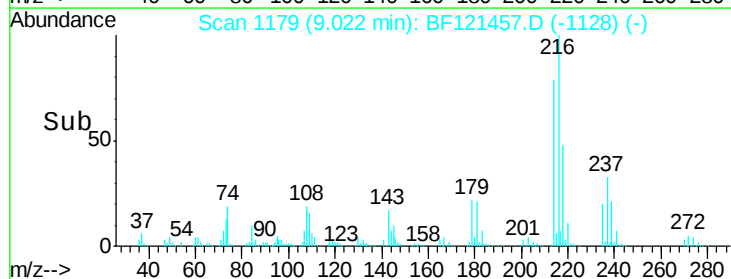
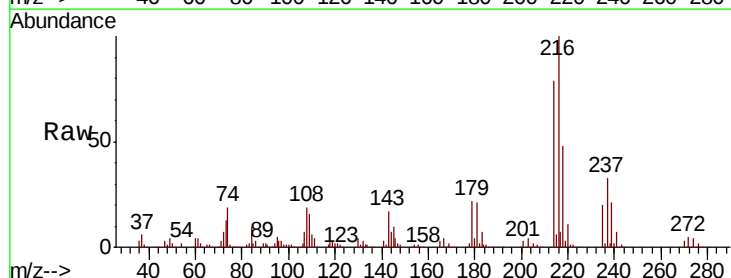
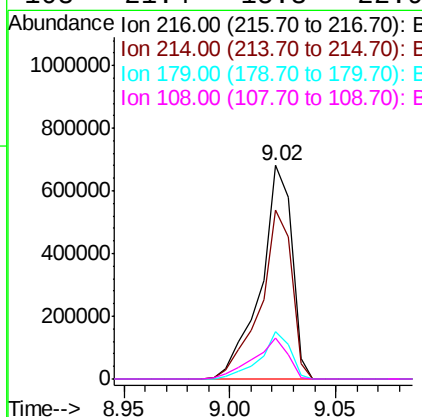
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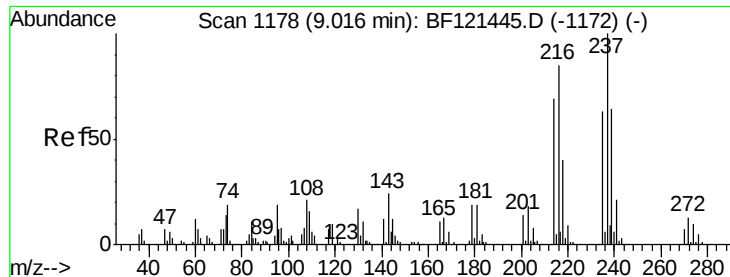
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.390 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.2	96.4
179	21.2	17.0	25.4
108	21.4	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 102.674 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

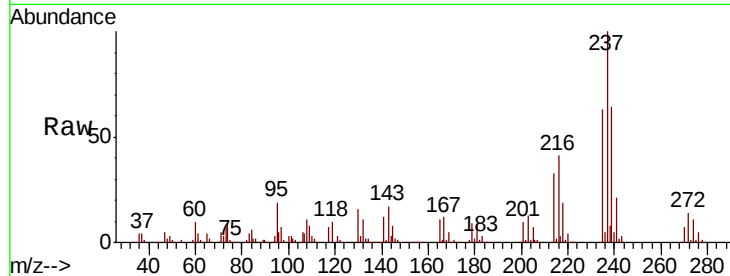
ClientSampleId :

PB131261BS

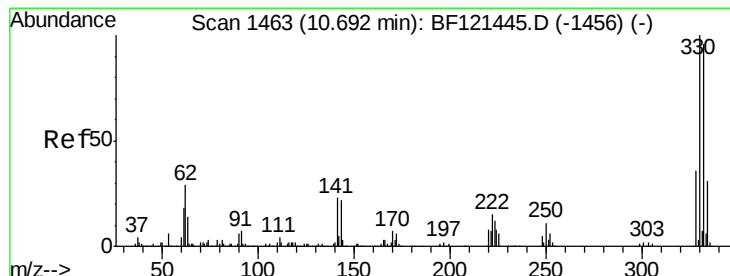
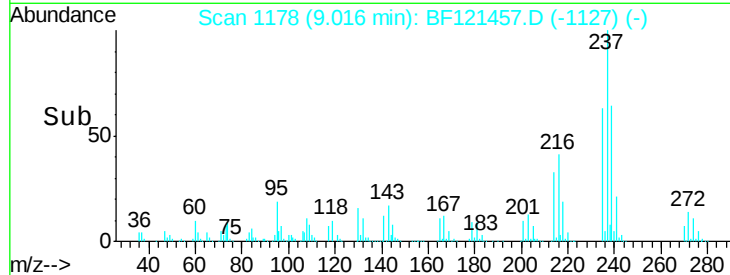
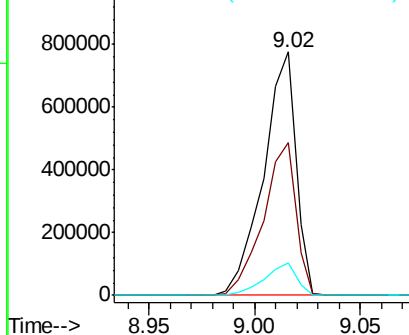
Tot Ion:	237	Resp:	832445
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.9	82.9
272	13.5	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 112.739 ng

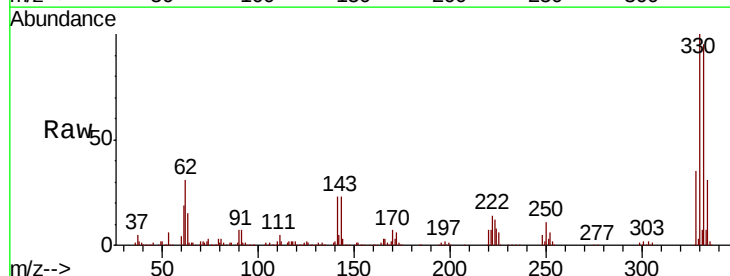
RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

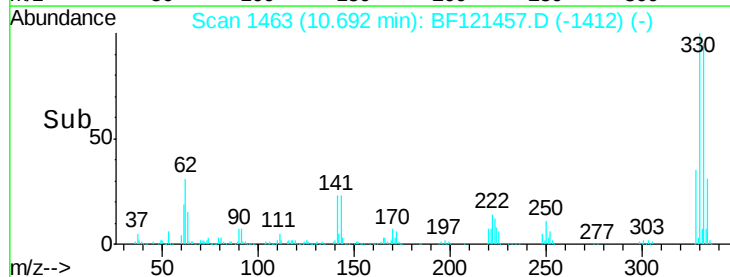
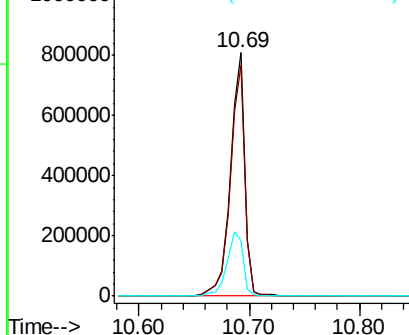
Lab File: BF121457.D

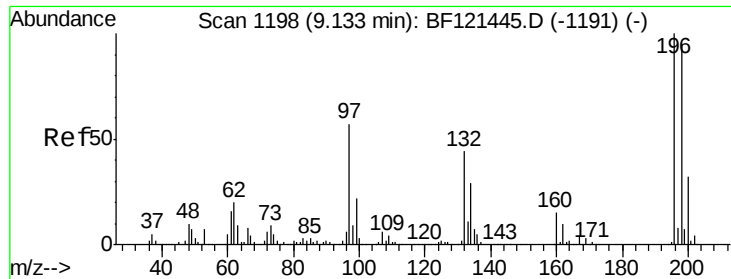
Acq: 28 Aug 2020 13:43

Tgt Ion:	330	Resp:	740624
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.2
141	30.0	24.6	36.8



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





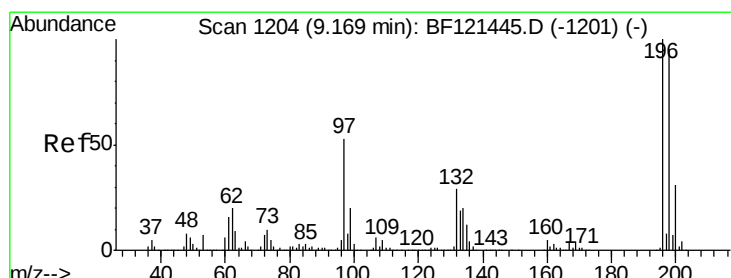
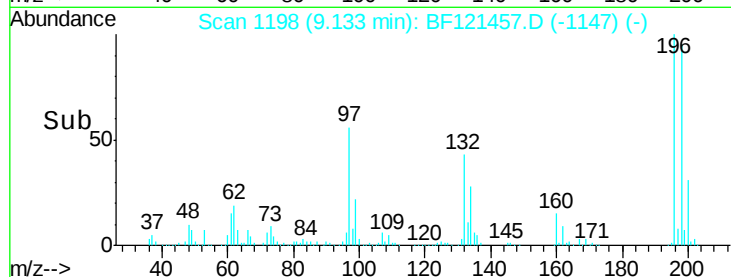
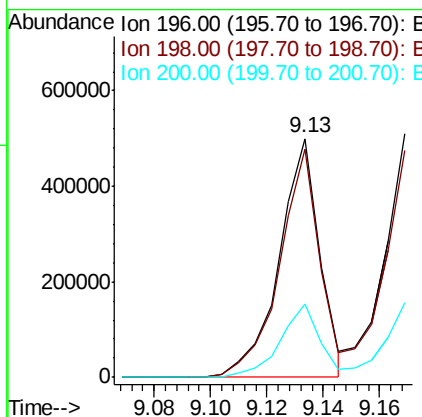
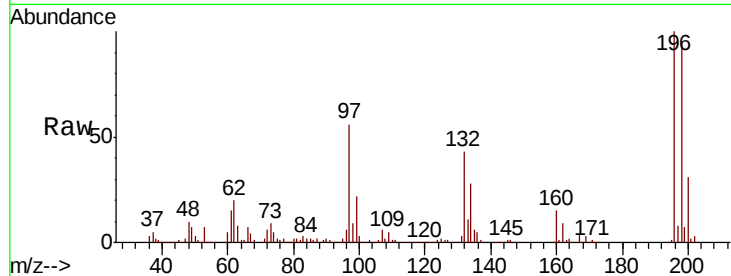
#43
 2,4,6-Trichlorophenol
 Concen: 40.849 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	196	Resp	497782
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.8	113.6
200	30.7	25.3	37.9

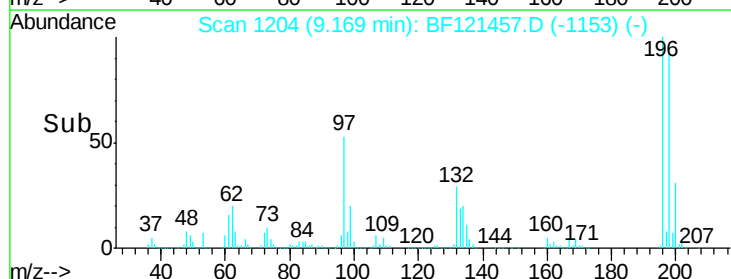
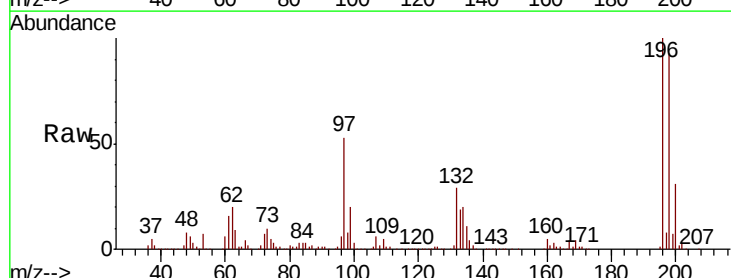
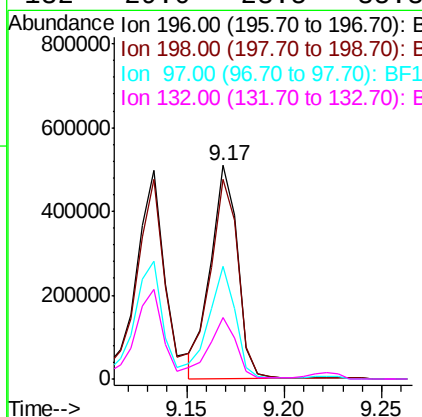
Manual Integrations
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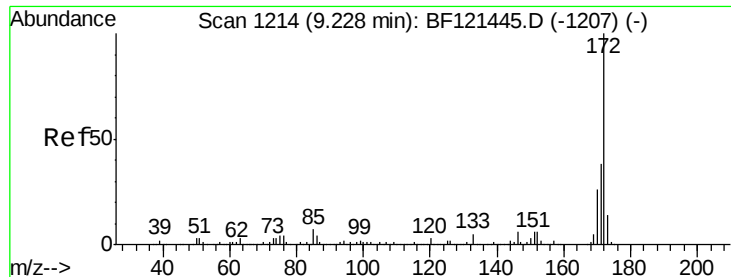
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.863 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	196	Resp	492404
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.2	114.2
97	52.6	42.6	64.0
132	29.0	23.5	35.3





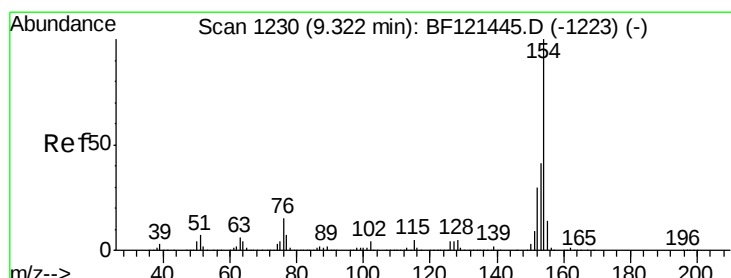
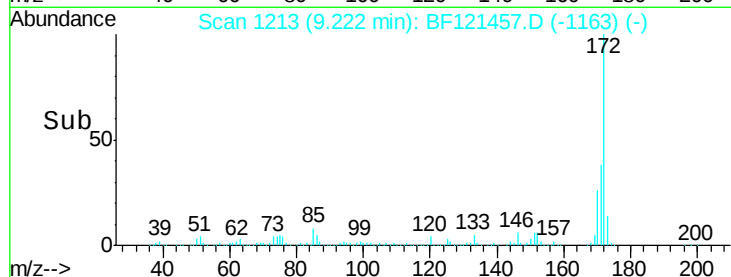
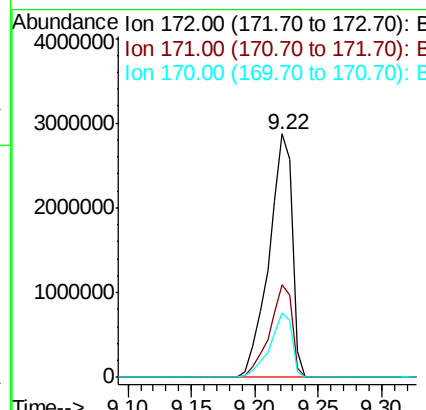
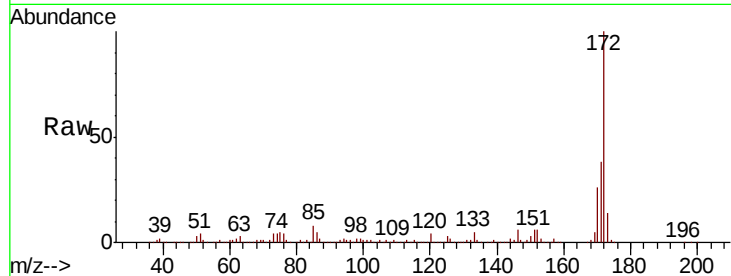
#45
 2-Fluorobiphenyl
 Concen: 90.135 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	26.3	20.6	31.0

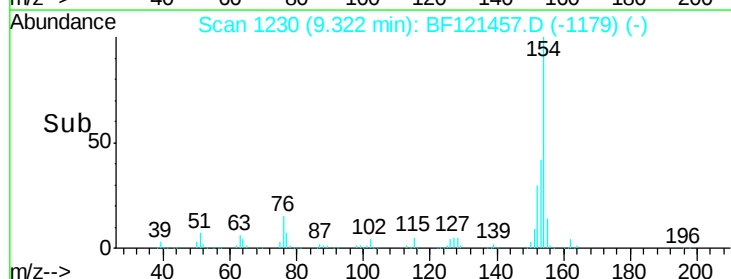
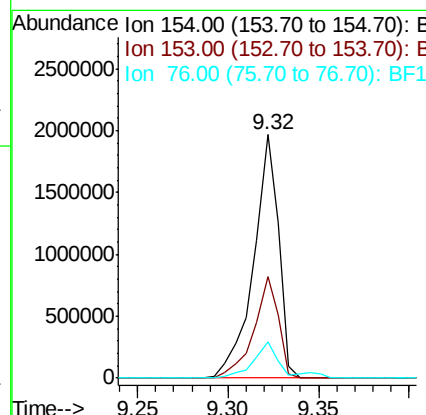
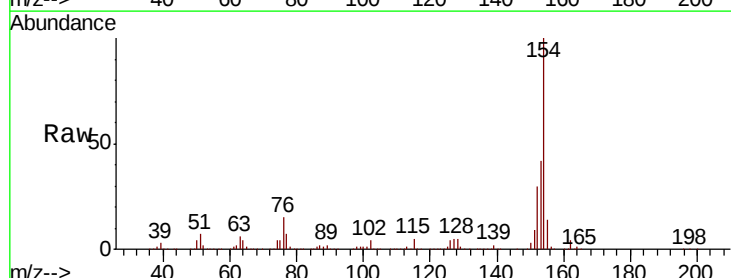
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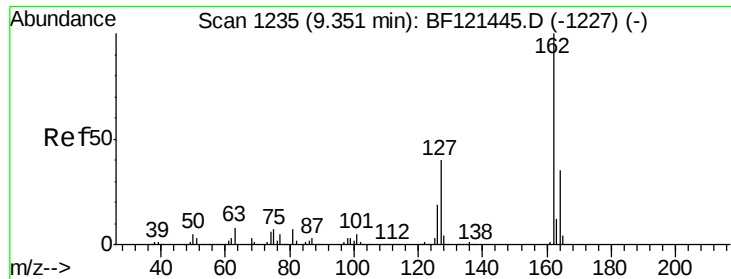
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.411 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	14.7	0.0	35.2





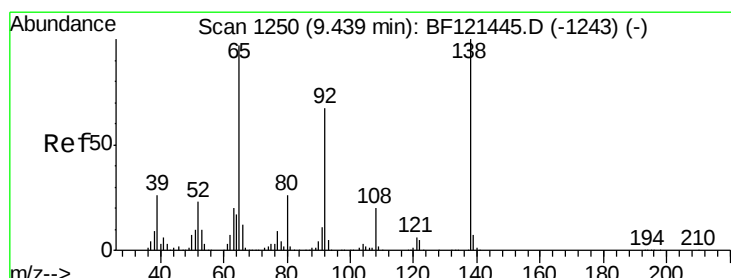
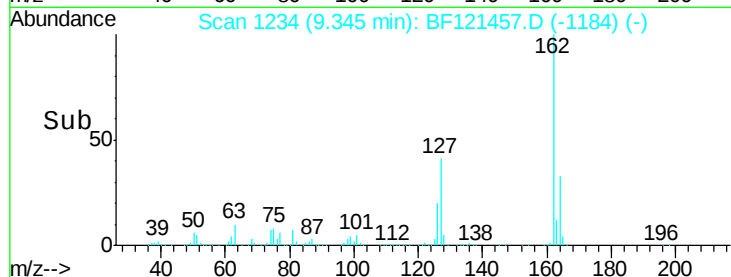
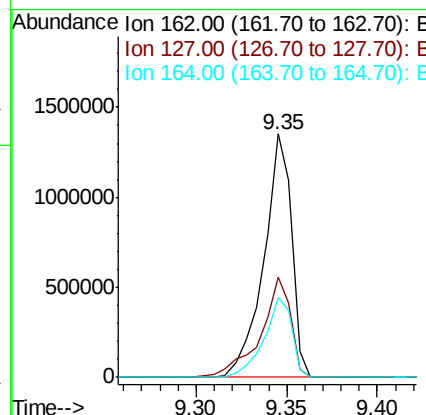
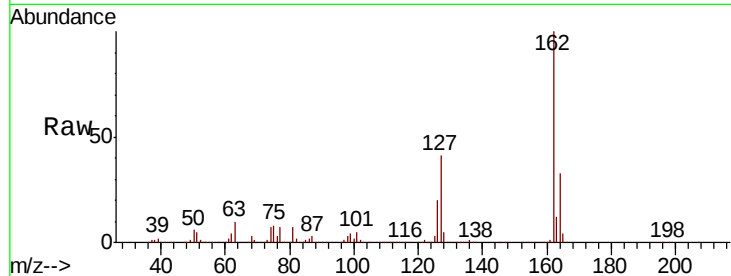
#47
2-Chloronaphthalene
Concen: 35.694 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	33.0	27.8	41.6

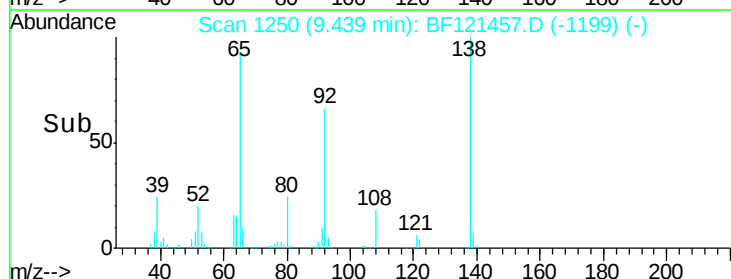
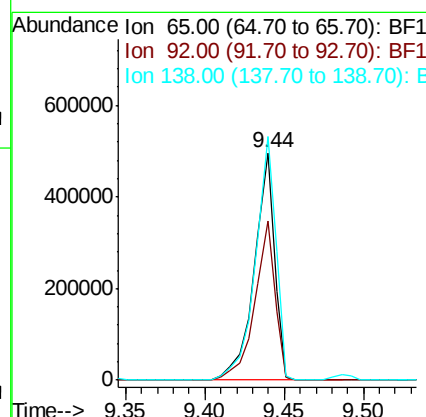
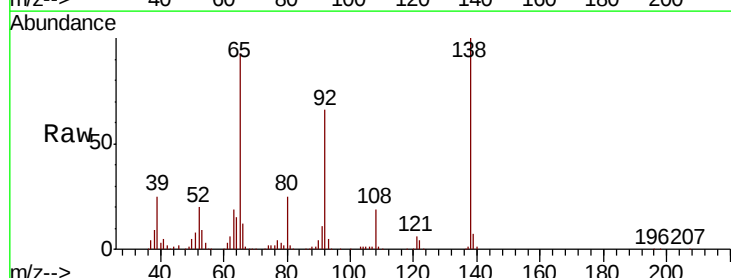
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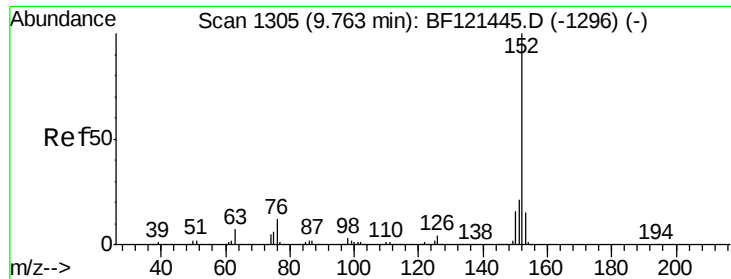
mohammad
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#48
2-Nitroaniline
Concen: 40.159 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.6	83.4
138	107.2	82.9	124.3





#49

Acenaphthylene

Concen: 38.580 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion:152 Resp: 2334445

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

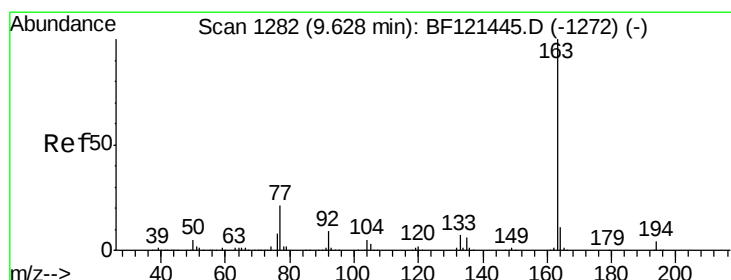
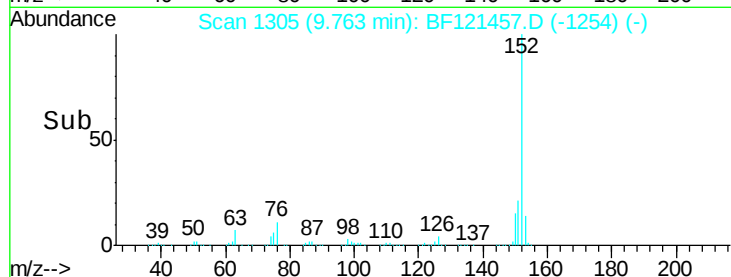
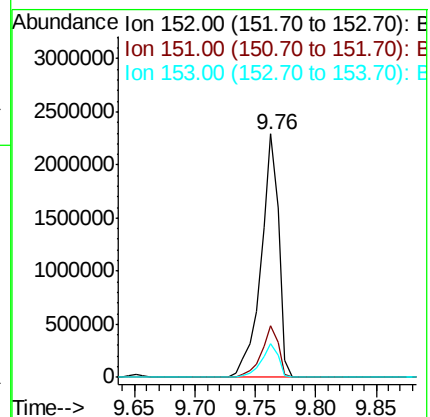
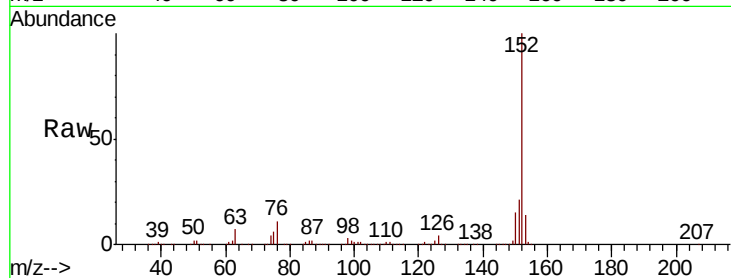
153 14.0 11.6 17.4

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#50

Dimethylphthalate

Concen: 37.325 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

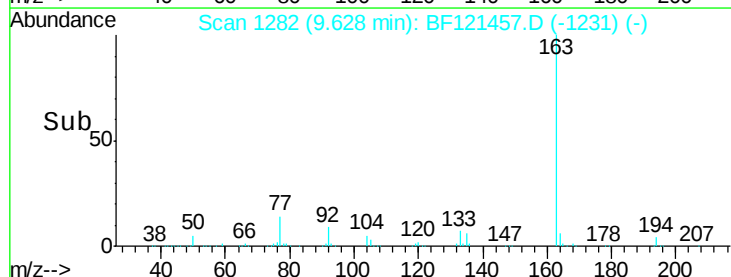
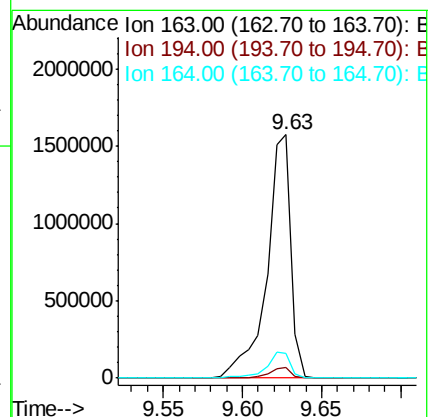
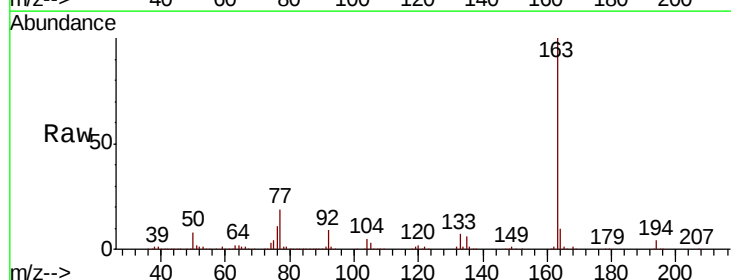
Tgt Ion:163 Resp: 1667567

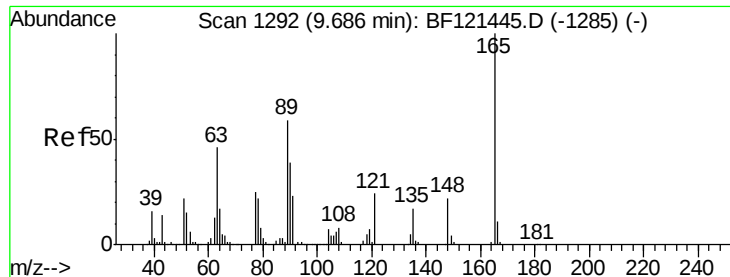
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 43.631 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampled :

PB131261BS

Tot Ion:165 Resp: 359685

Ion Ratio Lower Upper

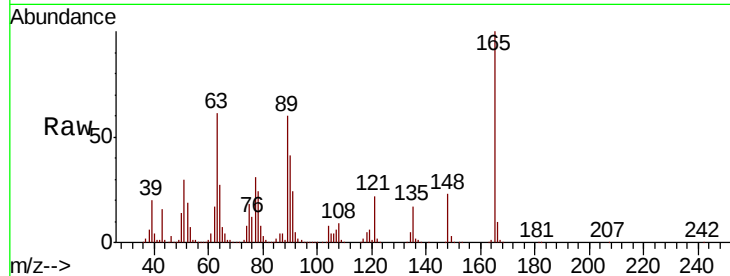
165 100

63 60.6 43.6 65.4

89 60.4 47.4 71.2

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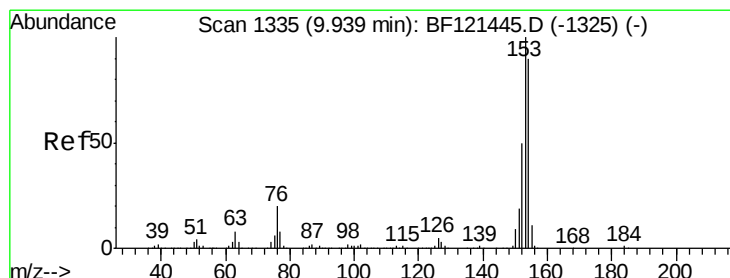
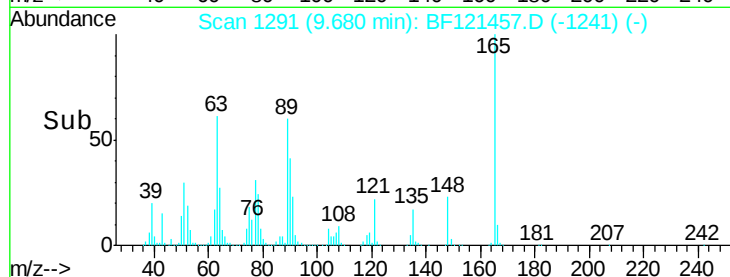
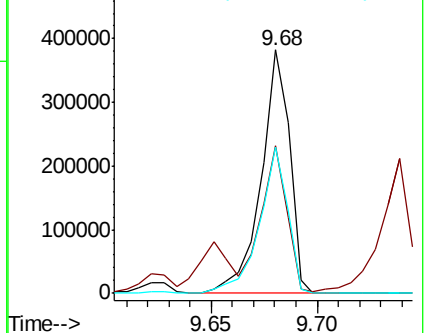
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.690 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

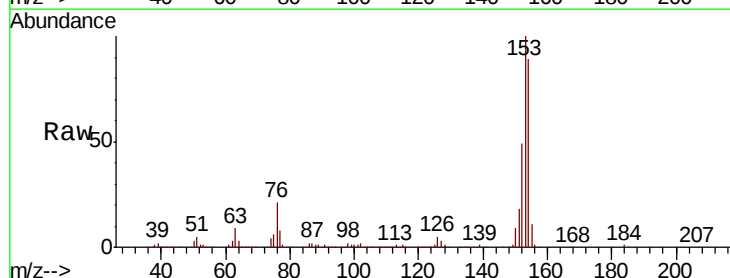
Tgt Ion:154 Resp: 1516503

Ion Ratio Lower Upper

154 100

153 111.9 88.9 133.3

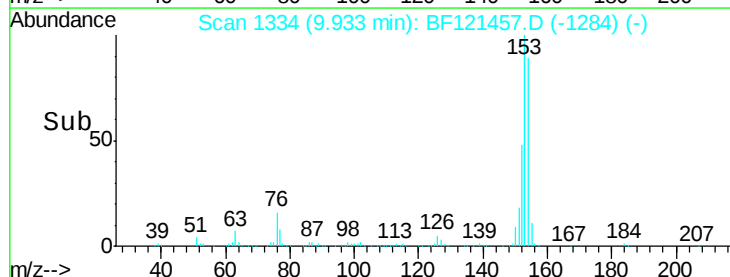
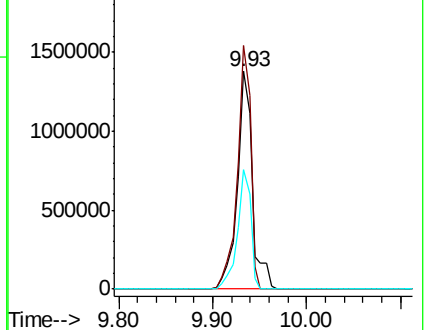
152 54.8 44.1 66.1

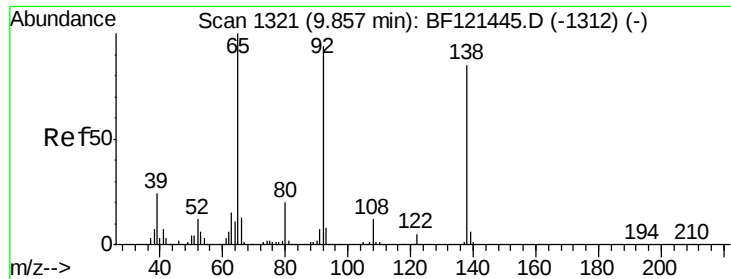


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





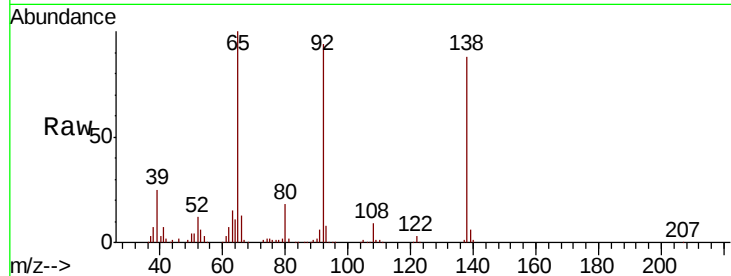
#53
3-Nitroaniline
Concen: 27.509 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

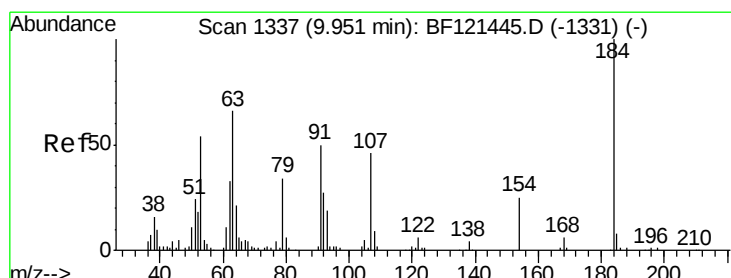
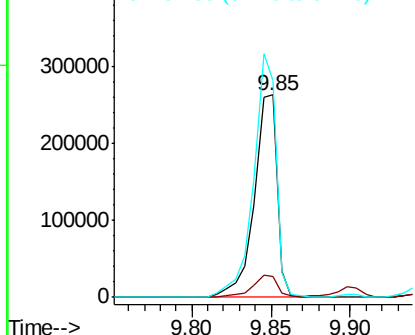
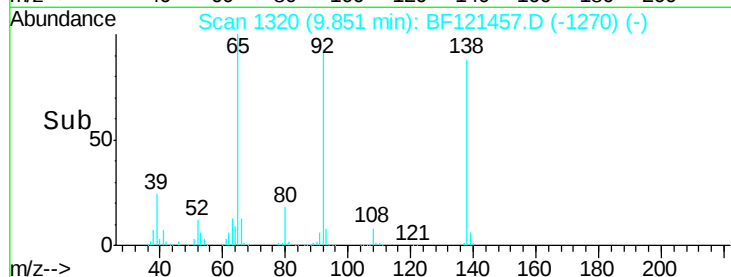
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	11.6	17.4#
92	107.4	88.6	132.8

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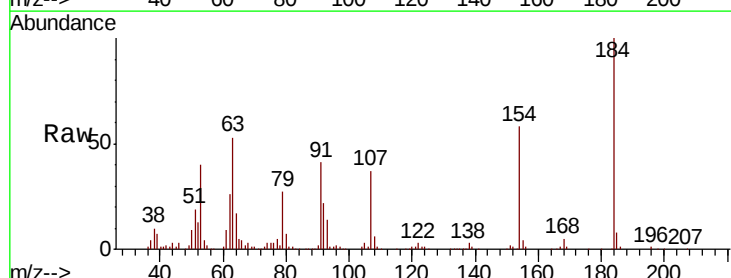


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

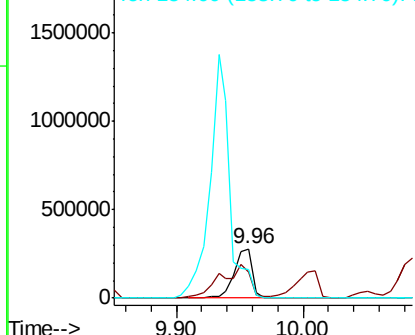
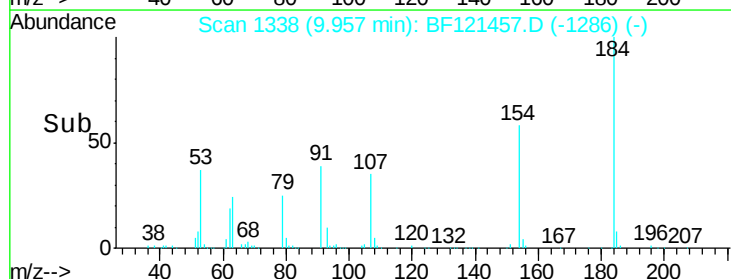


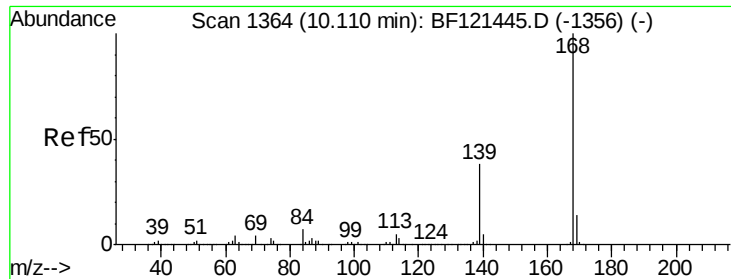
#54
2,4-Dinitrophenol
Concen: 74.494 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.5	56.8	85.2#
154	58.1	55.9	83.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





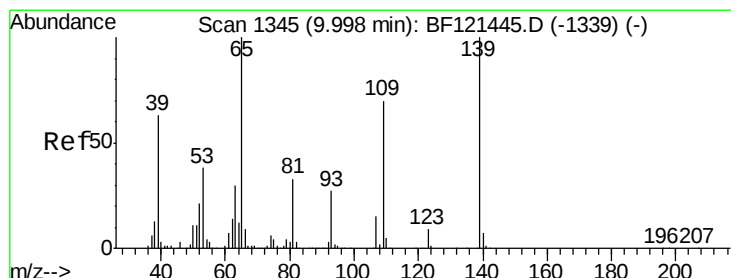
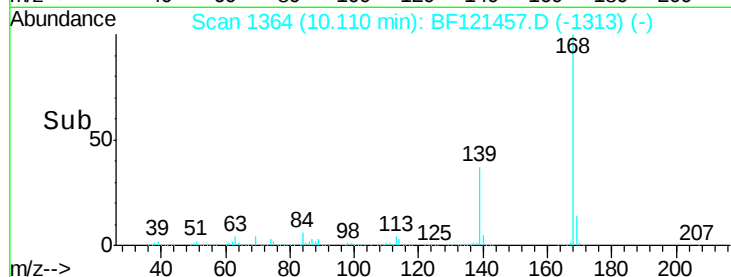
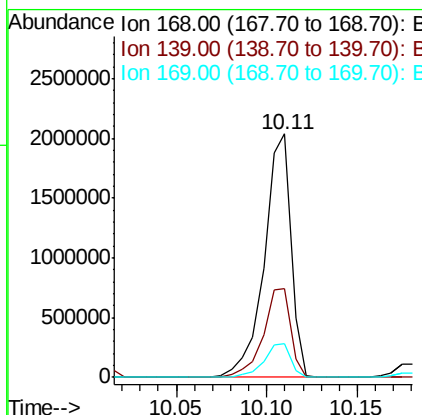
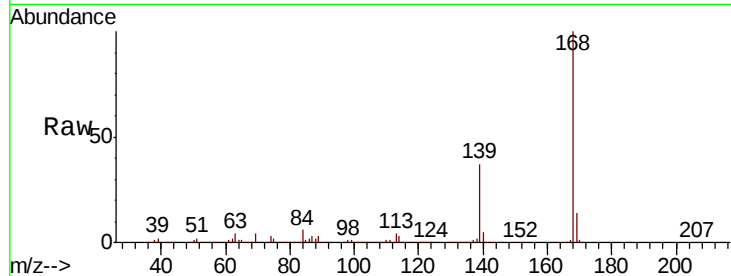
#55
Dibenzofuran
Concen: 37.757 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.9	11.2	16.8

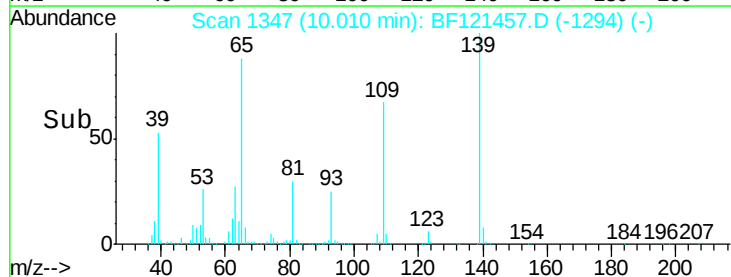
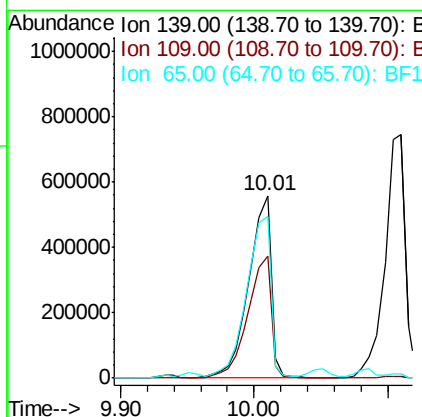
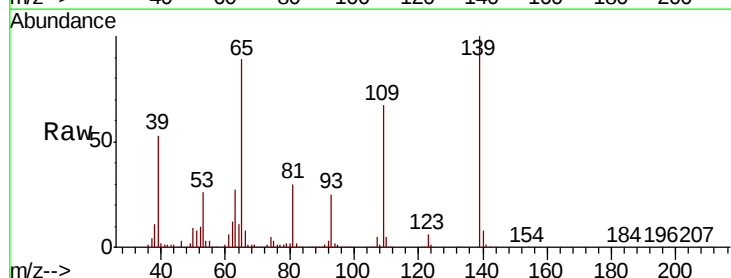
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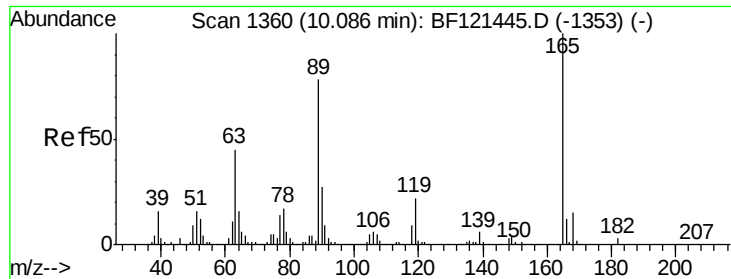
mohammad
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#56
4-Nitrophenol
Concen: 75.171 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	50.5	90.5
65	88.6	80.2	120.2





#57

2,4-Dinitrotoluene

Concen: 45.129 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

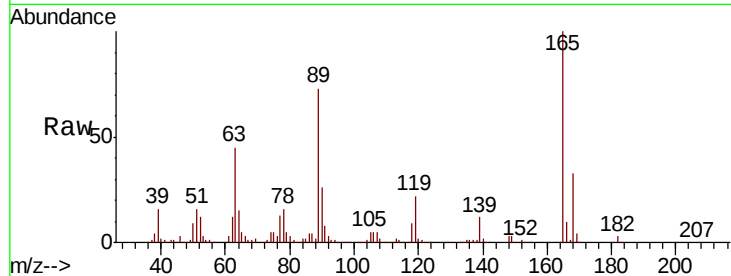
ClientSampleId :

PB131261BS

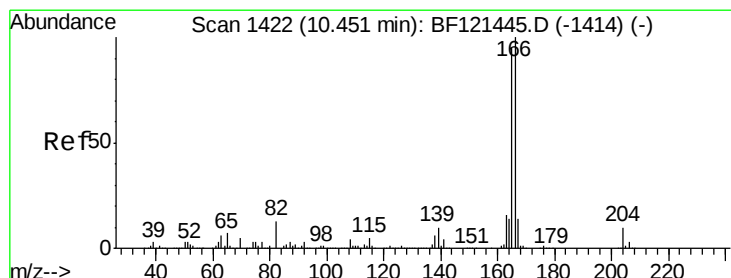
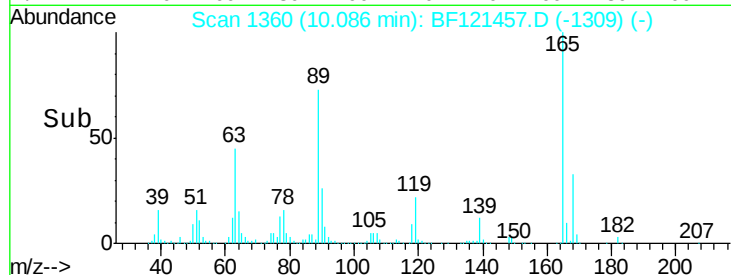
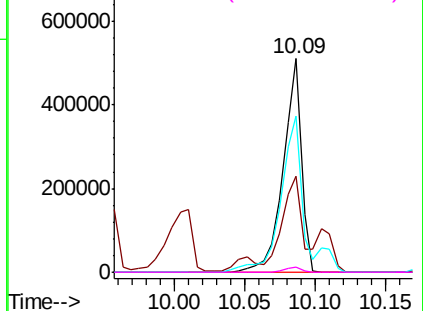
Tot Ion	Ratio	Resp	Lower	Upper
165	100	459893		
63	45.1	36.0	54.0	
89	73.0	62.6	93.8	
182	2.6	2.2	3.2	

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



#58

Fluorene

Concen: 36.666 ng

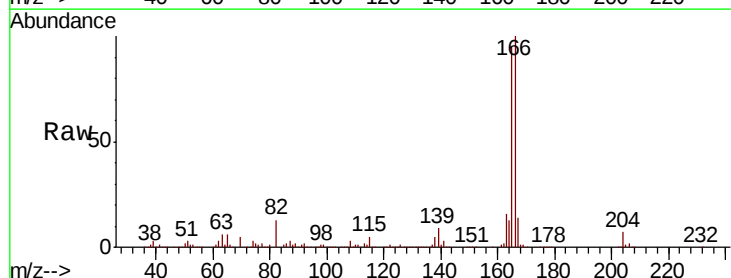
RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

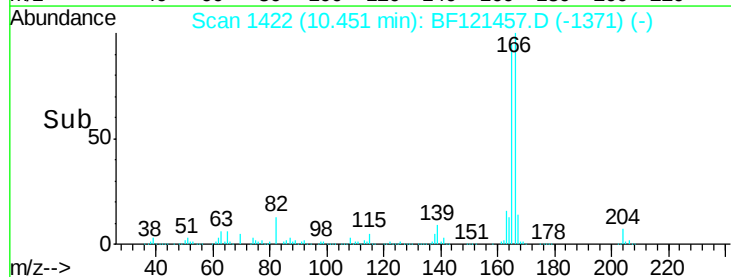
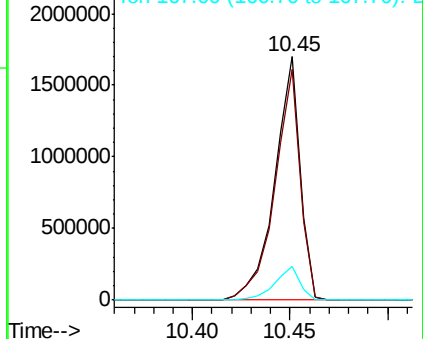
Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1534107		
165	94.6	75.7	113.5	
167	13.8	11.1	16.7	



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





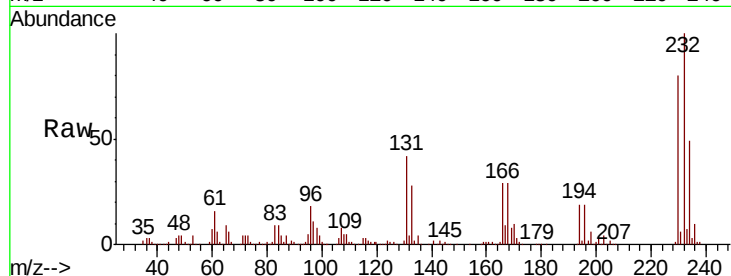
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.680 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	438222		
131	45.3		35.7	53.5
130	2.3		1.8	2.6
166	30.8		24.1	36.1

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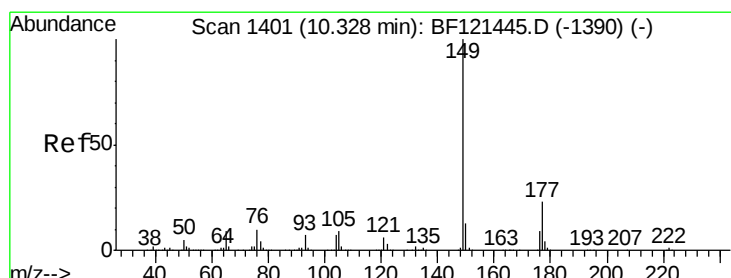
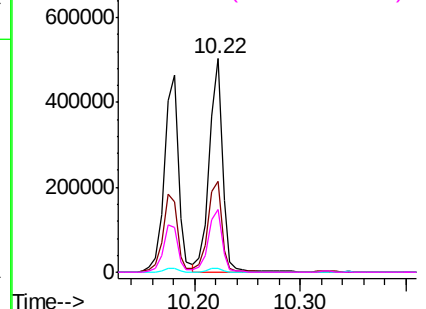
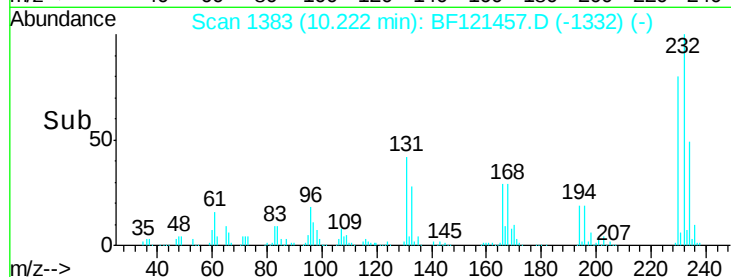
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

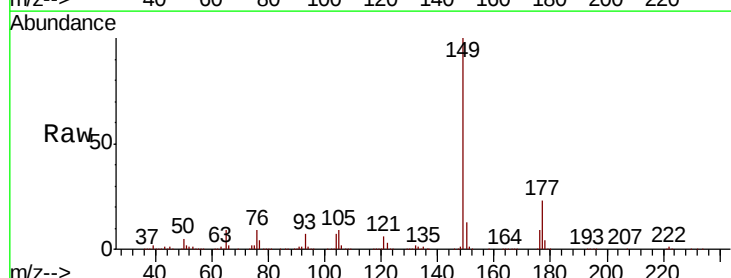
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.966 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1704122		
177	23.0		18.3	27.5
150	13.0		10.4	15.6

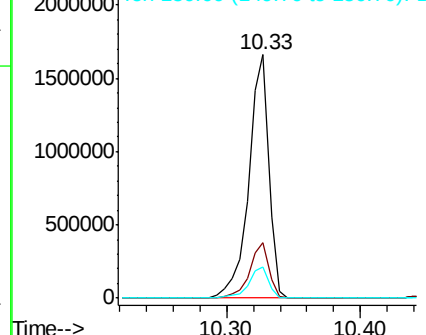
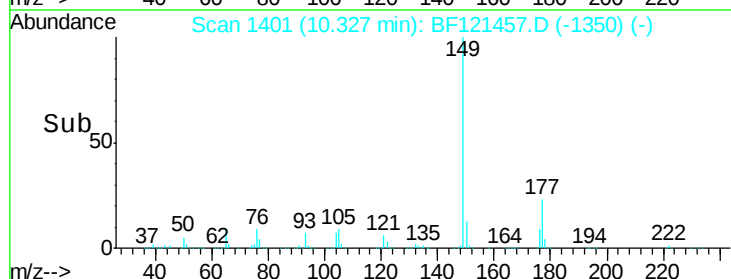


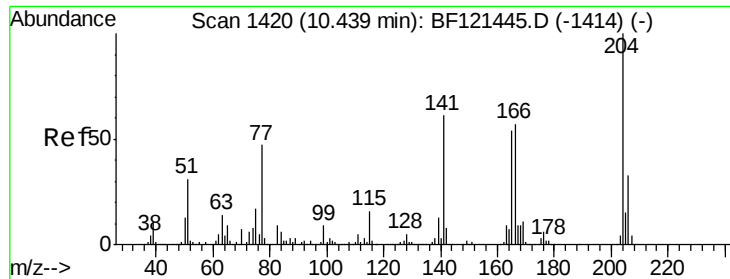
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





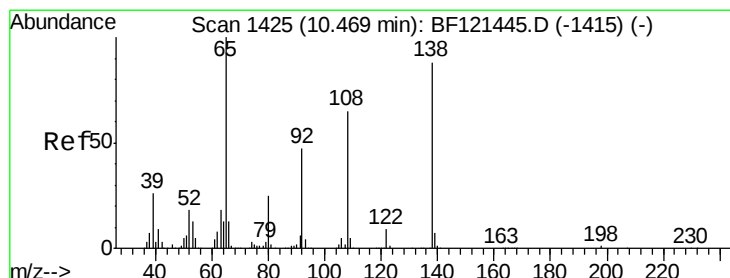
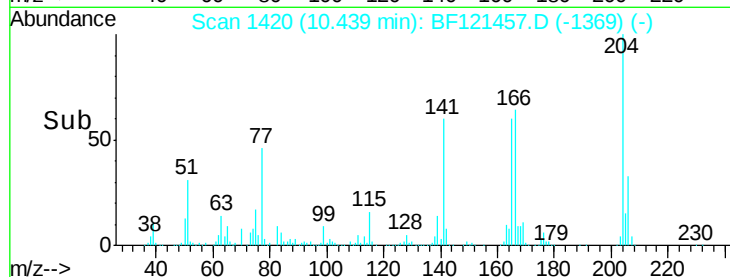
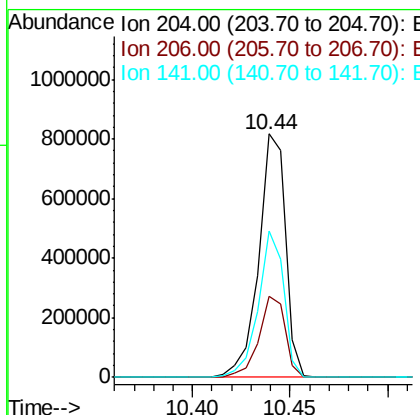
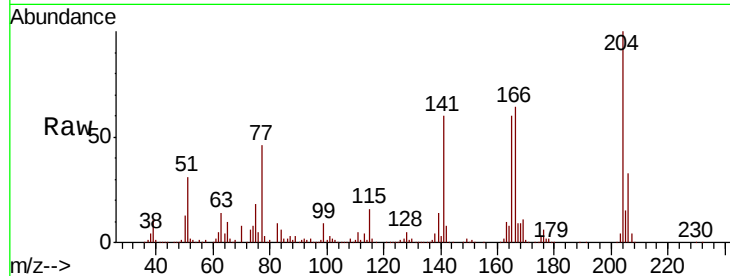
#61
4-Chlorophenyl-phenylether
Concen: 37.082 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleID :
PB131261BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.3	39.5
141	59.9	48.7	73.1

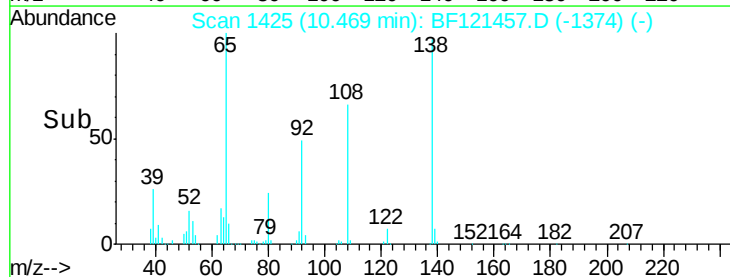
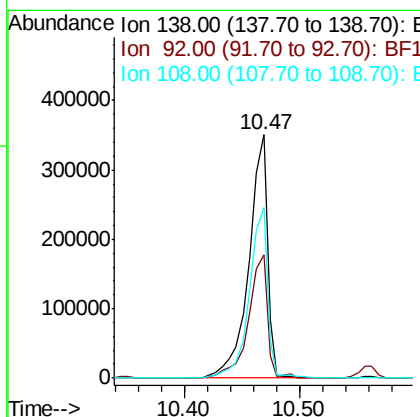
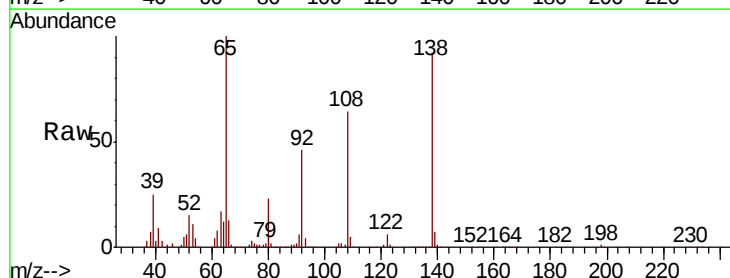
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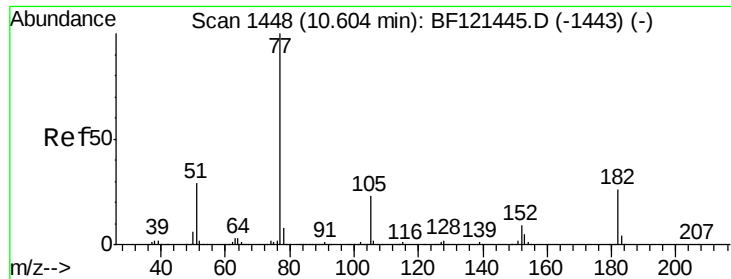
mohammad
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#62
4-Nitroaniline
Concen: 37.154 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.2	73.2
108	69.9	53.6	93.6





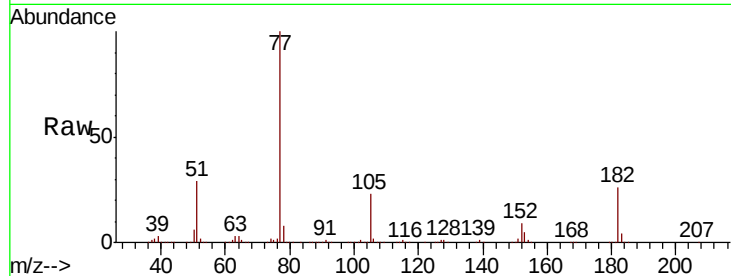
#63
Azobenzene
Concen: 37.947 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	6.2	46.2	
105	22.9	3.3	43.3	
51	29.4	9.5	49.5	

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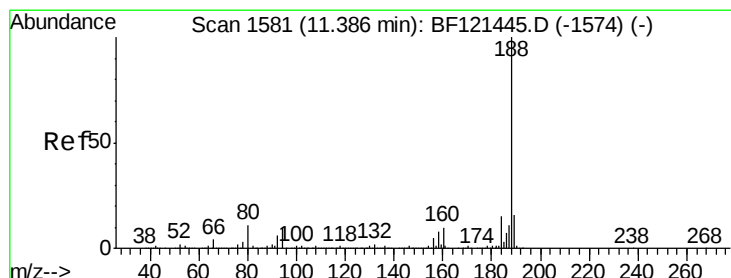
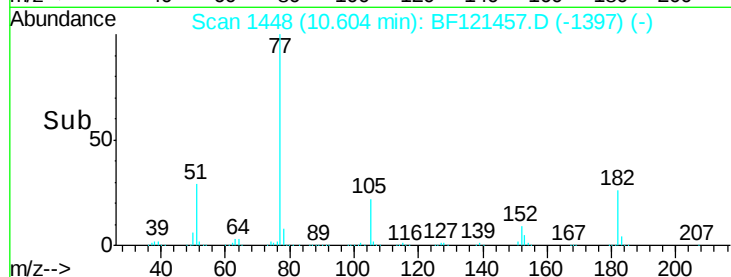
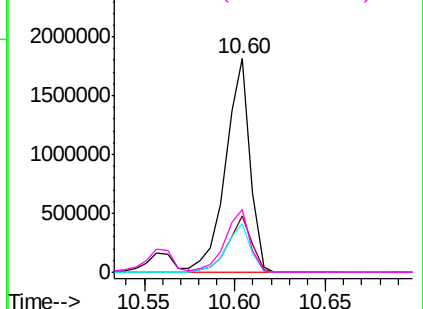
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

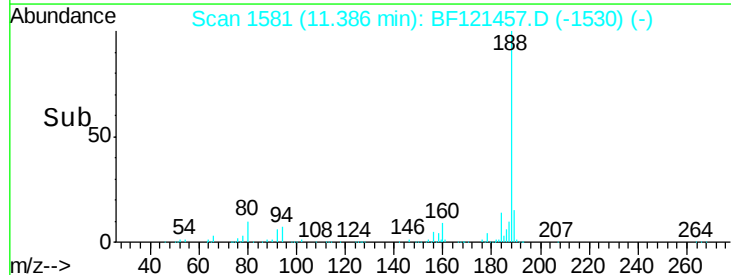
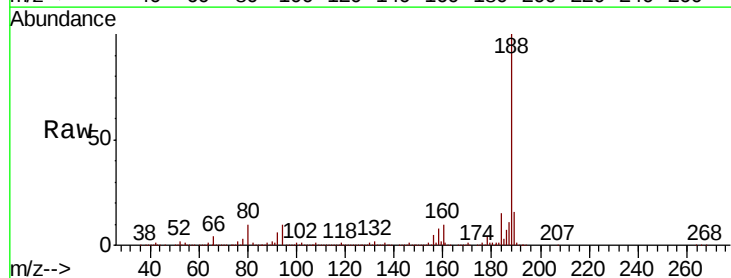
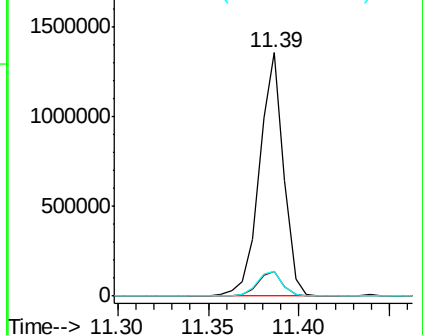
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	8.3	12.5	
80	10.1	8.6	13.0	

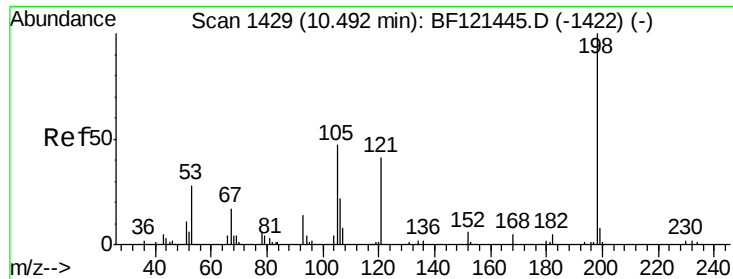
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





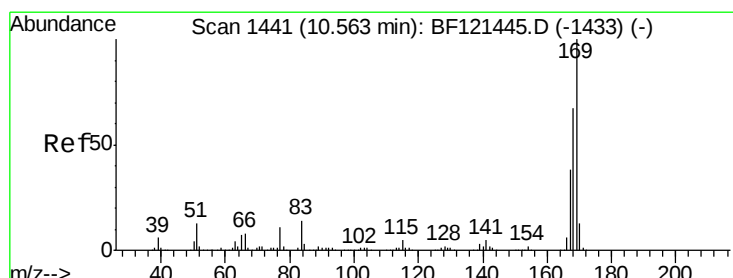
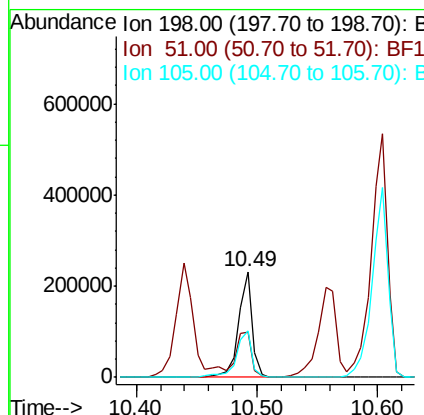
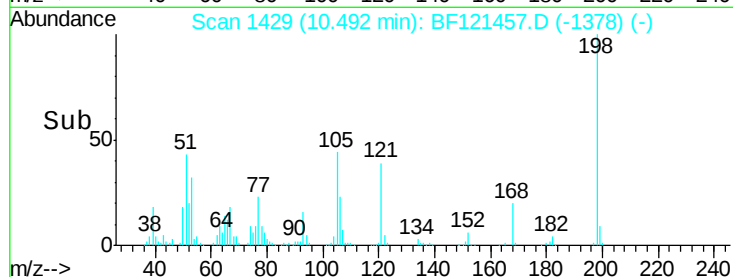
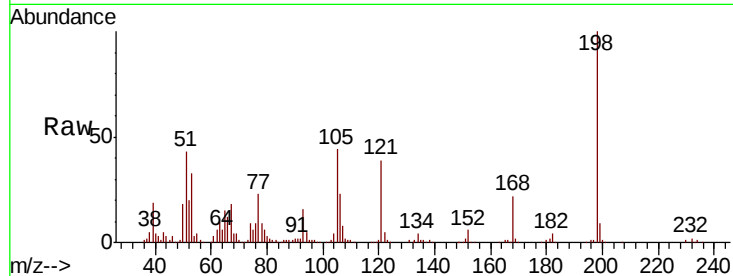
#65
4,6-Dinitro-2-methylphenol
Concen: 49.620 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion:	198	Resp:	182399
Ion Ratio	Lower	Upper	
198	100		
51	42.9	29.0	69.0
105	44.1	29.1	69.1

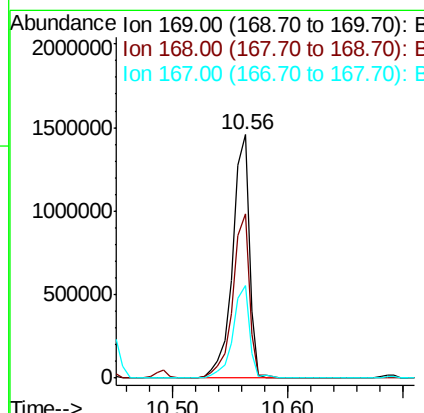
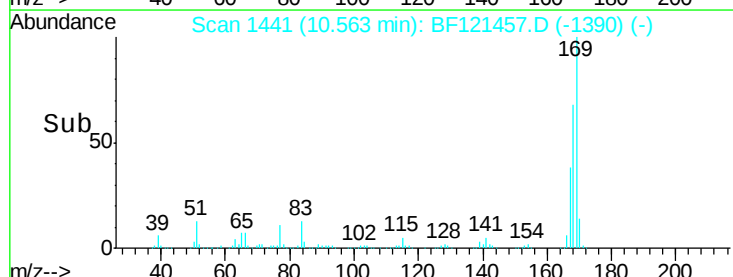
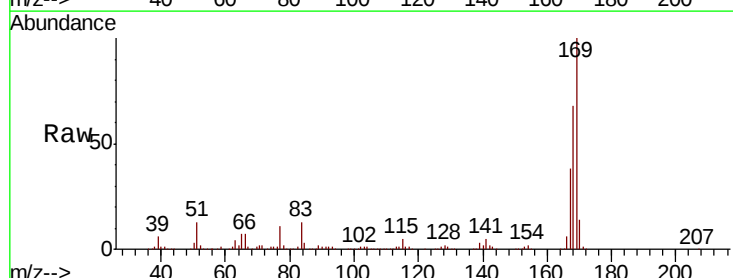
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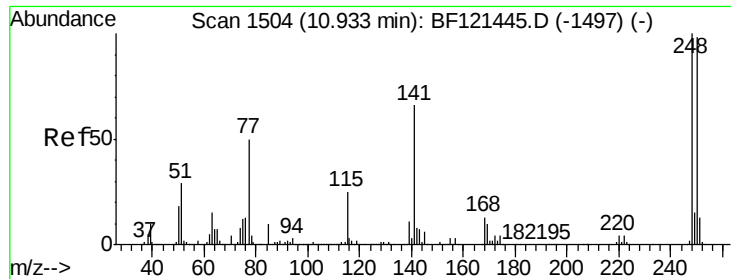
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.813 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion:	169	Resp:	1455533
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.0	81.0
167	37.9	30.2	45.2





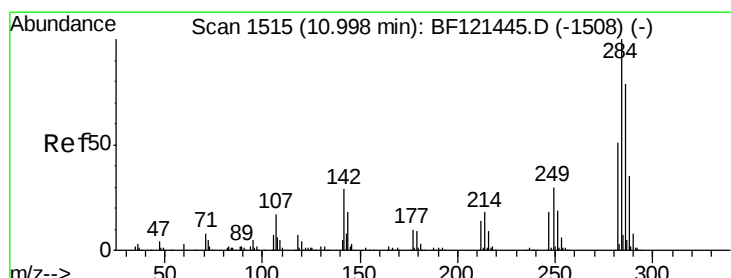
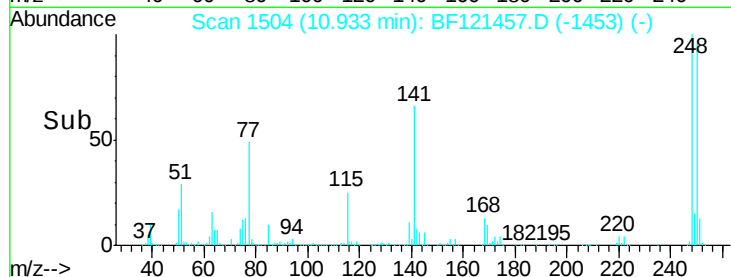
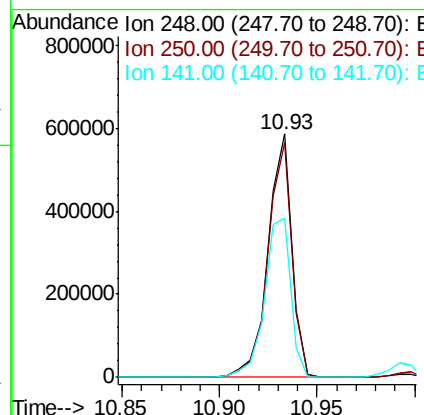
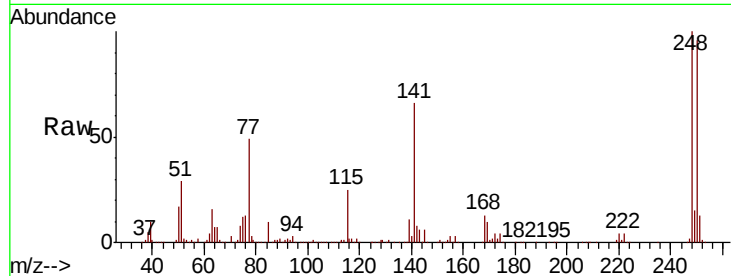
#67
4-Bromophenyl-phenylether
Concen: 36.082 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.7	118.1
141	65.5	52.6	78.8

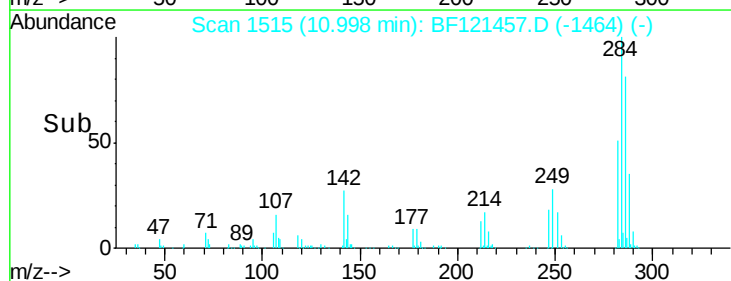
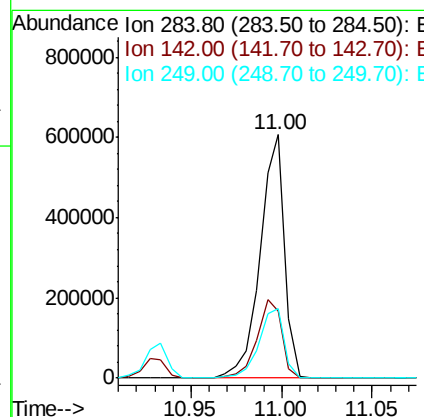
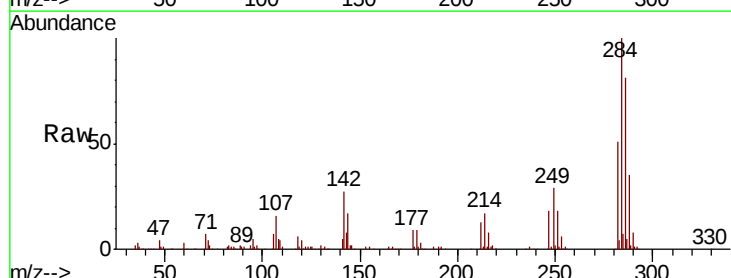
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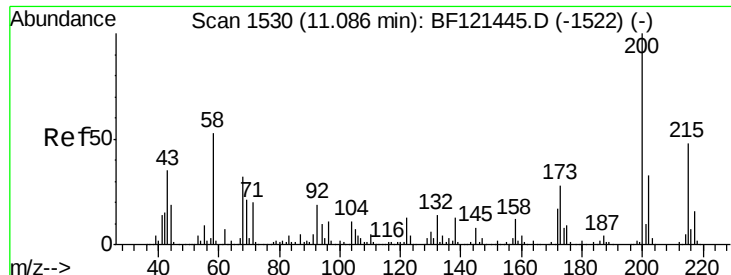
mohammad
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#68
Hexachlorobenzene
Concen: 35.087 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	23.4	35.0
249	28.6	23.8	35.6





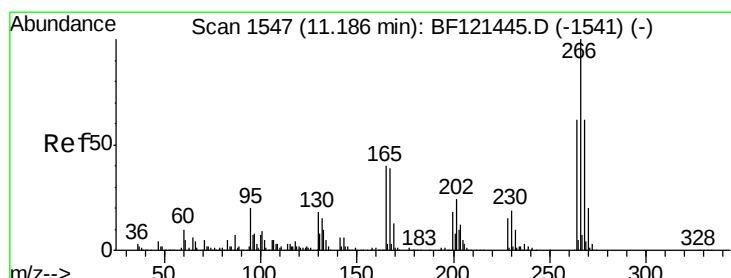
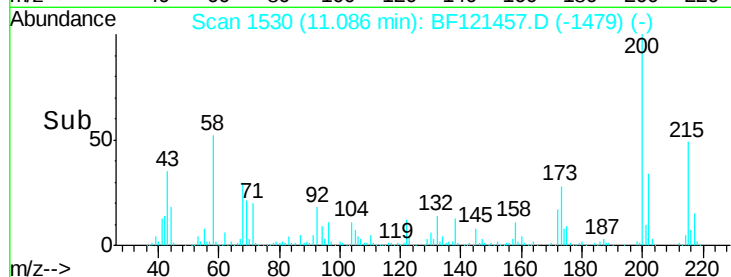
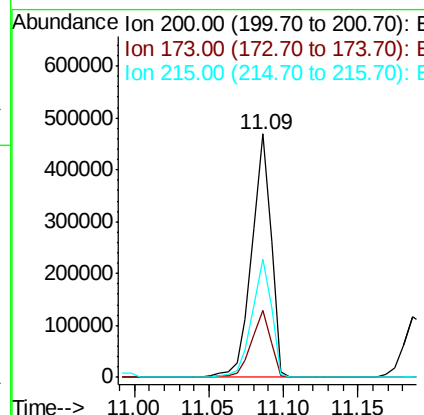
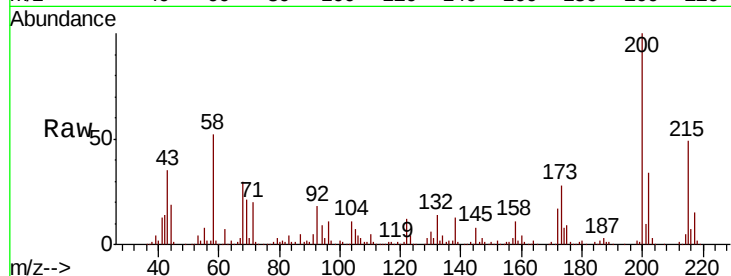
#69
Atrazine
Concen: 36.706 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	8.1	48.1
215	48.6	28.5	68.5

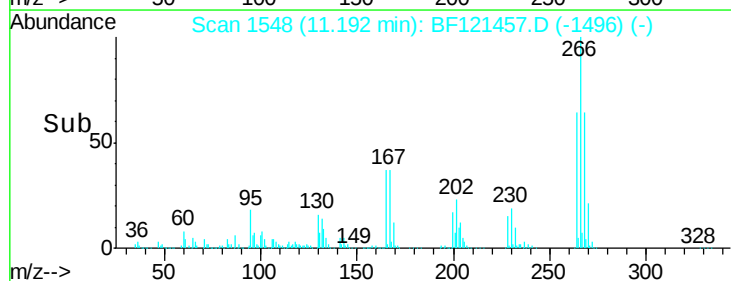
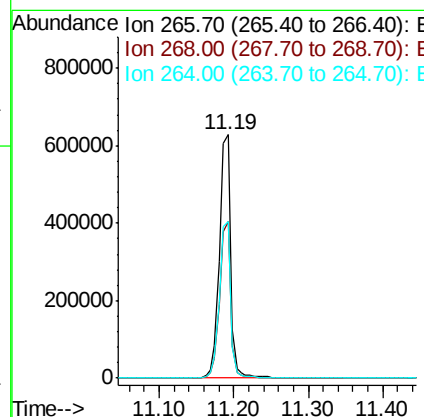
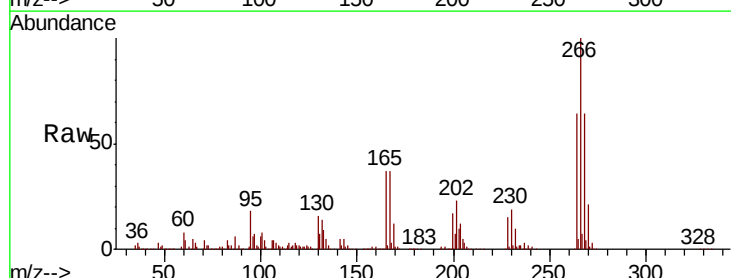
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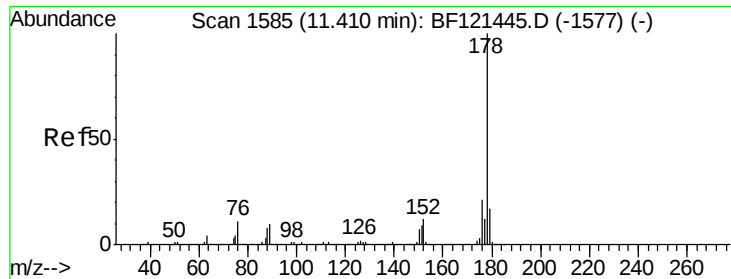
mohammad
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#70
Pentachlorophenol
Concen: 89.897 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	49.7	74.5
264	64.2	49.4	74.0





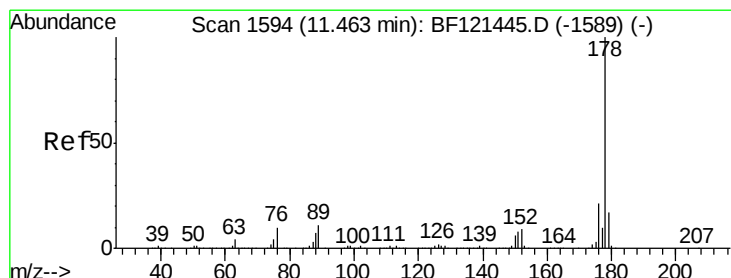
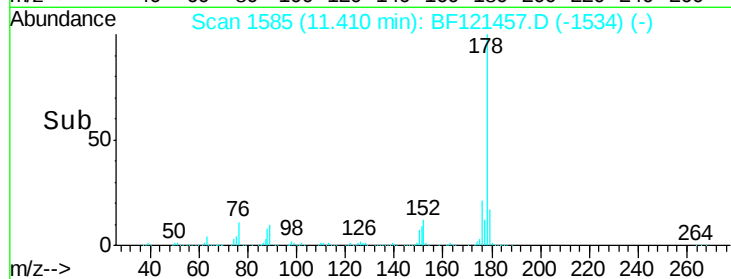
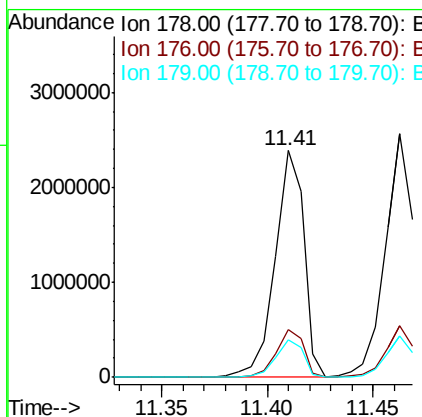
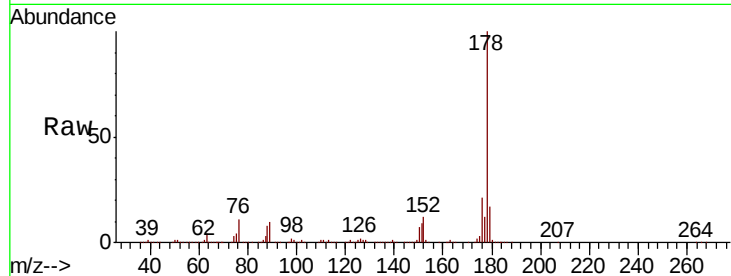
#71
Phenanthrene
Concen: 35.582 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.9	25.3
179	16.8	13.4	20.0

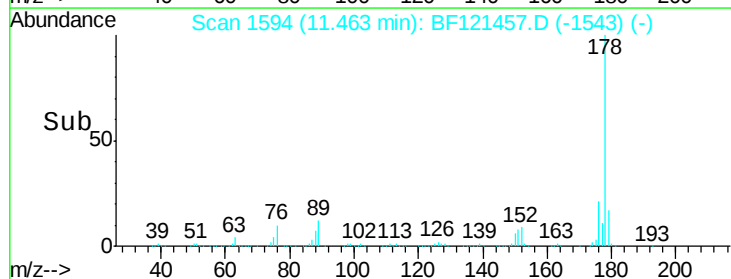
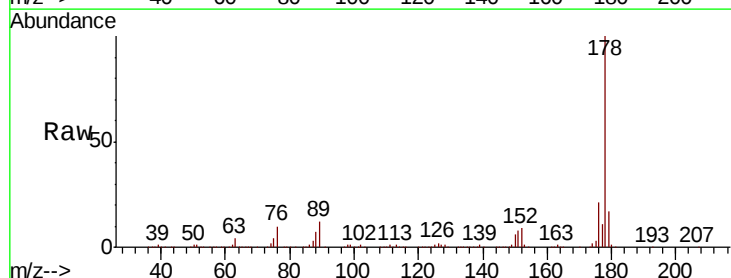
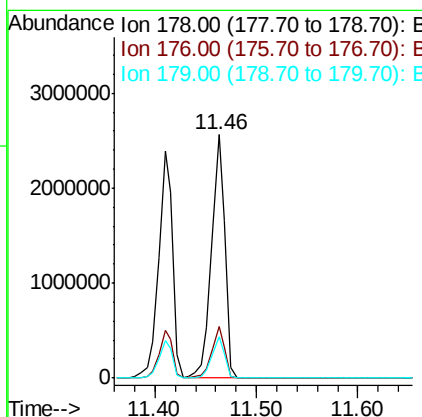
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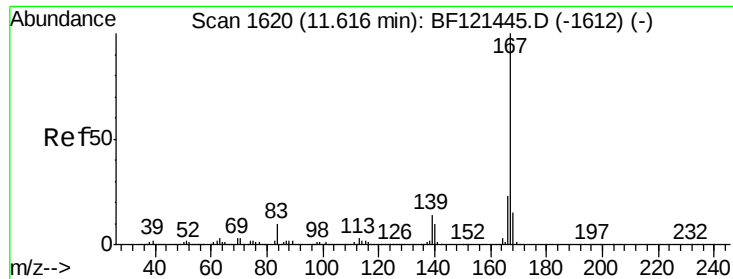
mohammad
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#72
Anthracene
Concen: 37.275 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.7	25.1
179	17.0	13.4	20.2





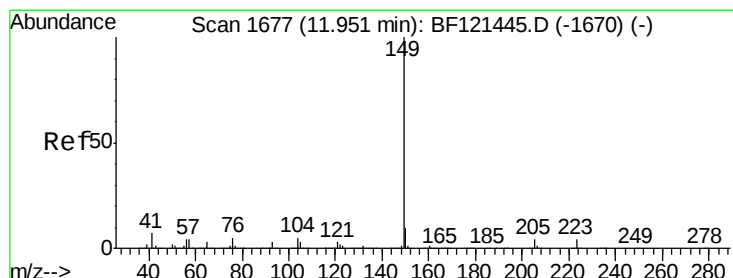
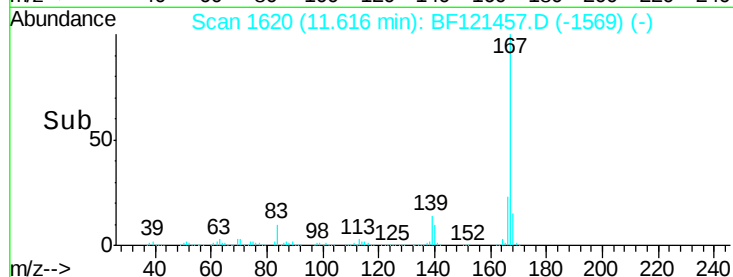
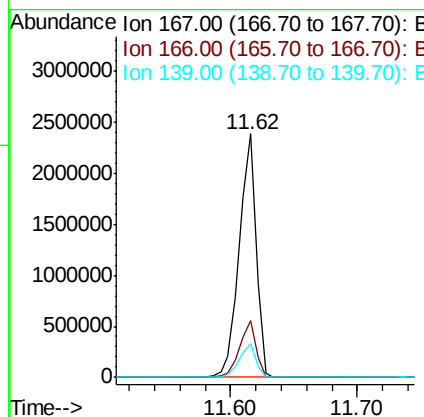
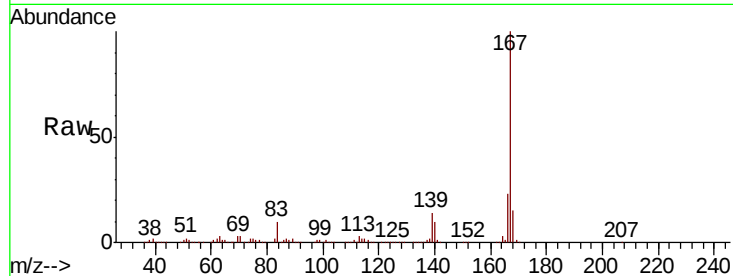
#73
 Carbazole
 Concen: 35.860 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	13.9	11.0	16.6

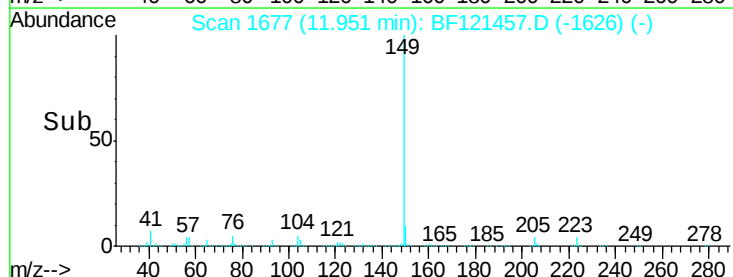
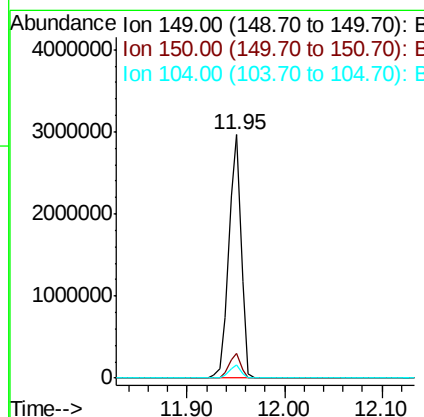
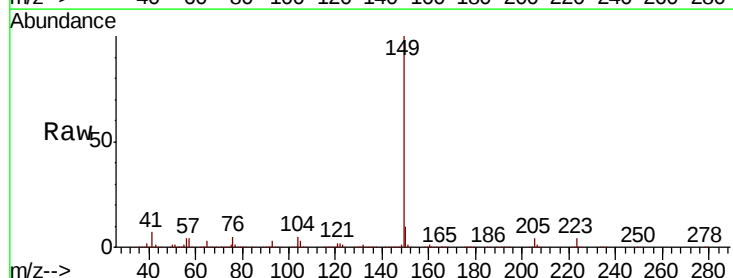
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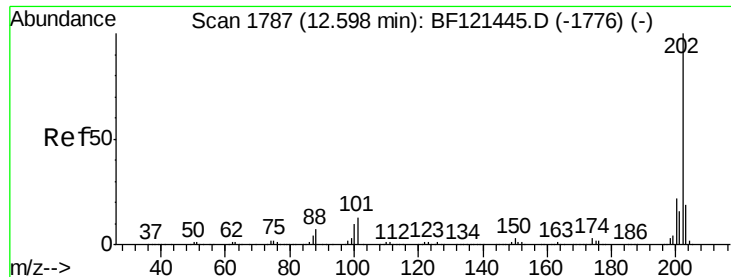
mohammad
 8/31/2020 10:27:17 AM



#74
 Di-n-butylphthalate
 Concen: 38.178 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.2	4.2	6.4





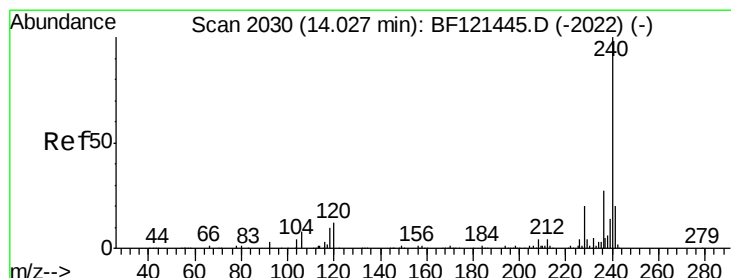
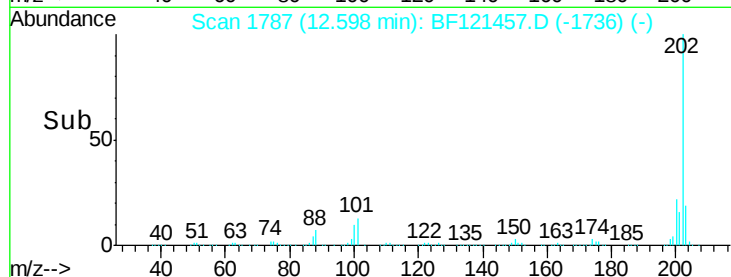
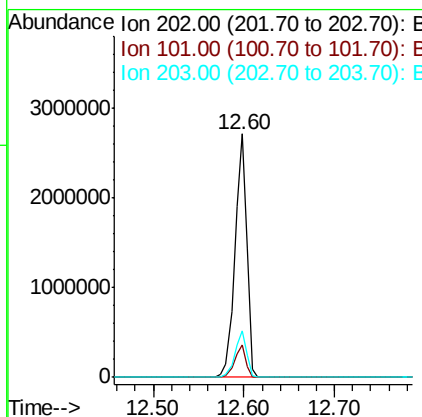
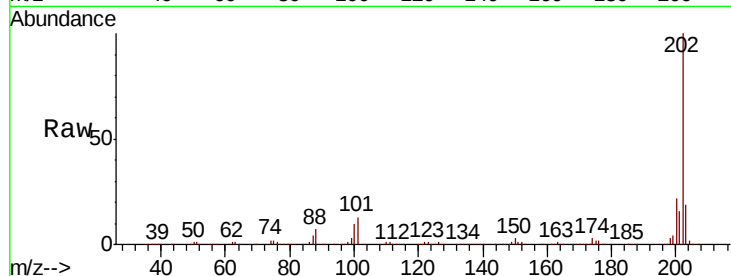
#75
 Fluoranthene
 Concen: 36.155 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2499843		
101	13.2		0.0	33.3
203	19.2		0.0	39.1

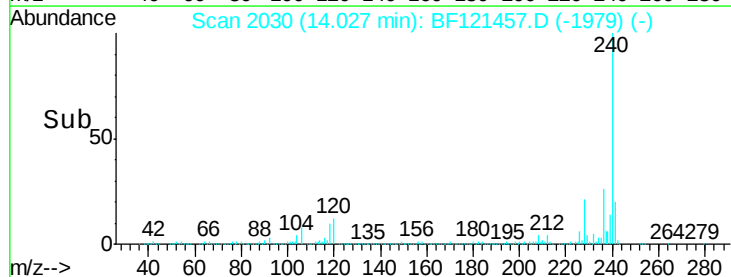
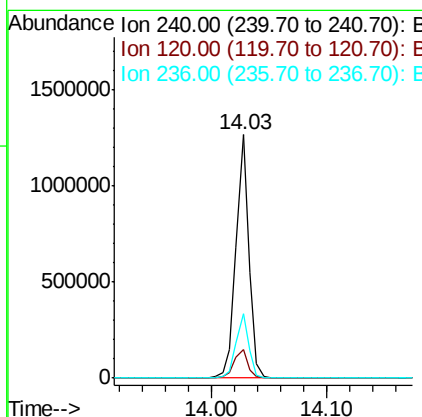
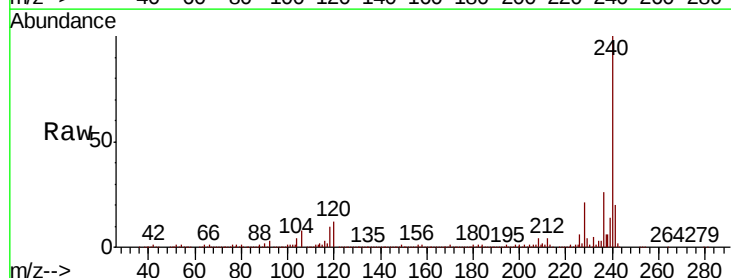
Manual Integrations
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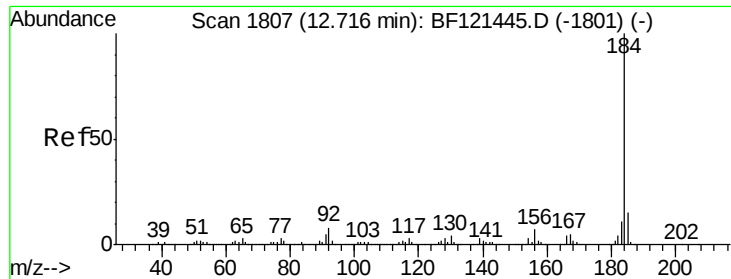
mohammad
 8/31/2020 10:27:17 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	982611		
120	11.7		9.5	14.3
236	26.5		21.8	32.6





#77

Benzidine

Concen: 64.440 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion:184 Resp: 1380960

Ion Ratio Lower Upper

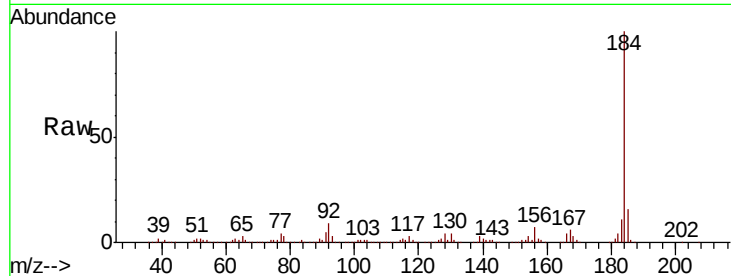
184 100

185 16.0 12.1 18.1

183 11.4 8.9 13.3

Manual Integrations
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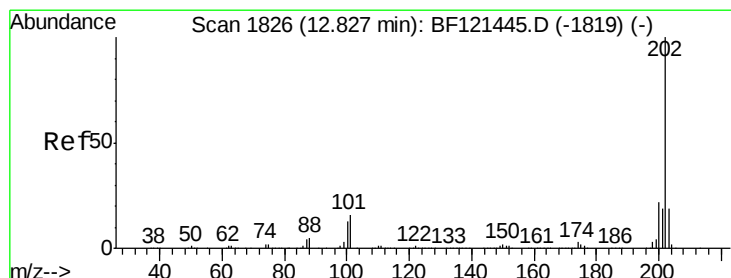
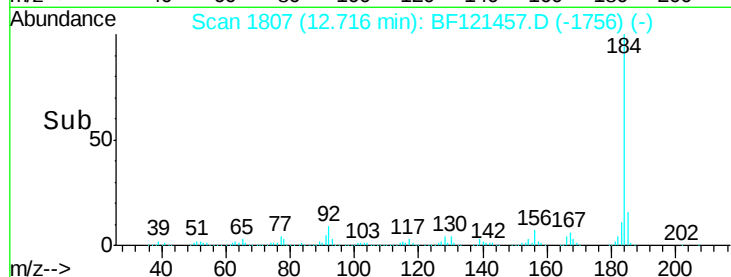
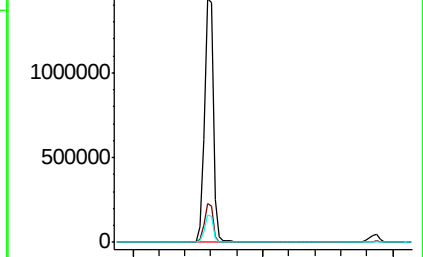
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.407 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Tgt Ion:202 Resp: 2554907

Ion Ratio Lower Upper

202 100

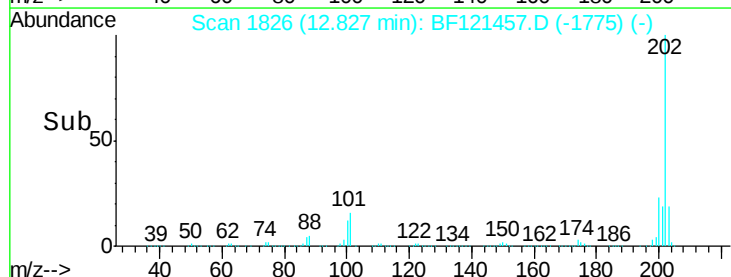
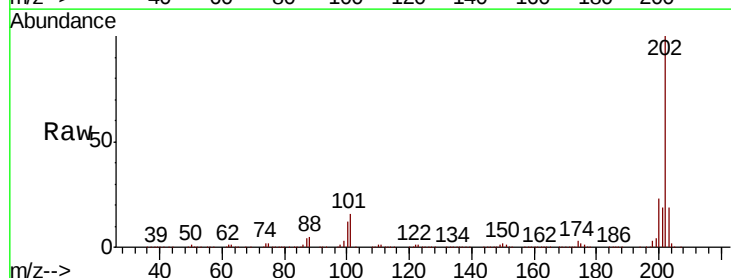
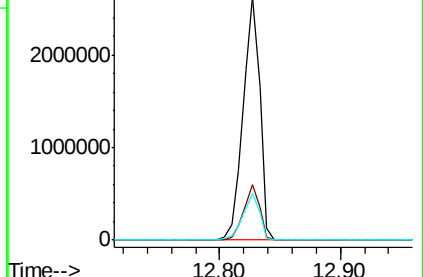
200 22.6 18.0 27.0

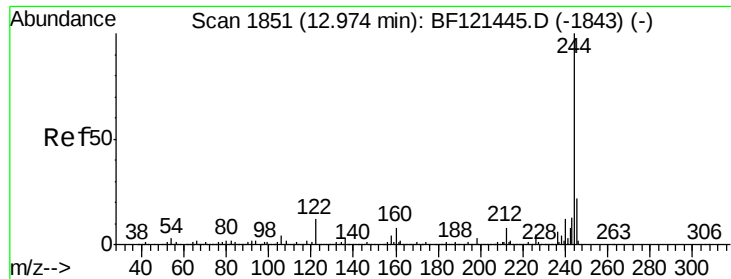
203 19.1 15.3 22.9

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





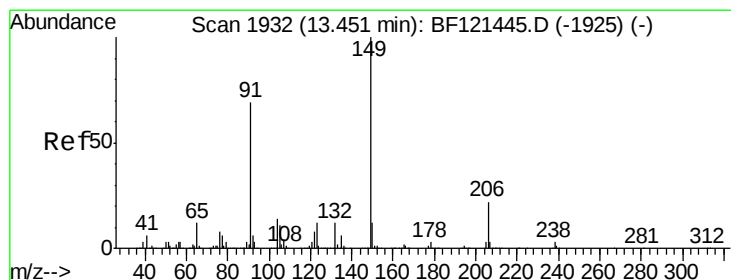
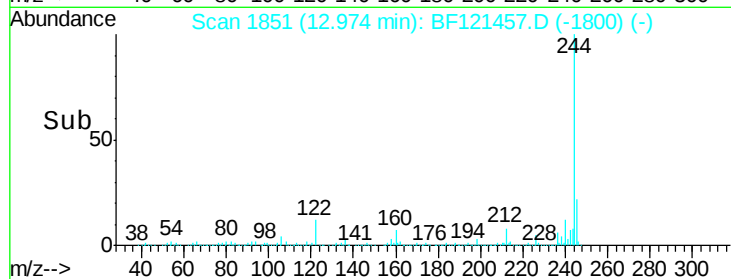
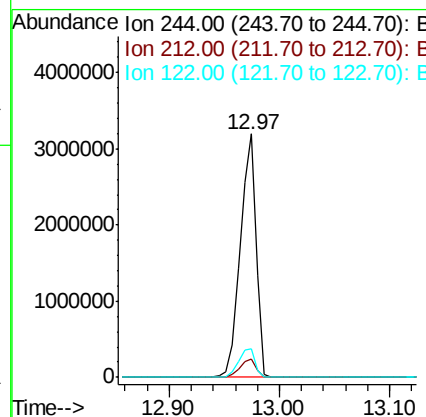
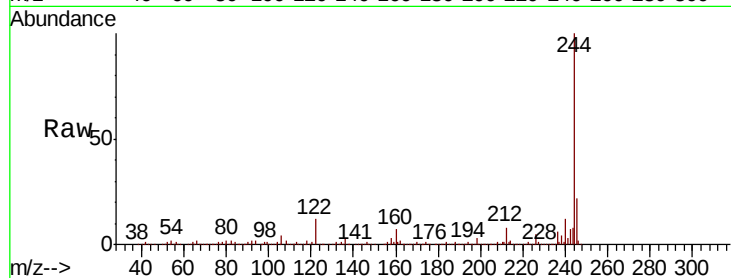
#79
 Terphenyl-d14
 Concen: 69.070 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	11.8	9.5	14.3

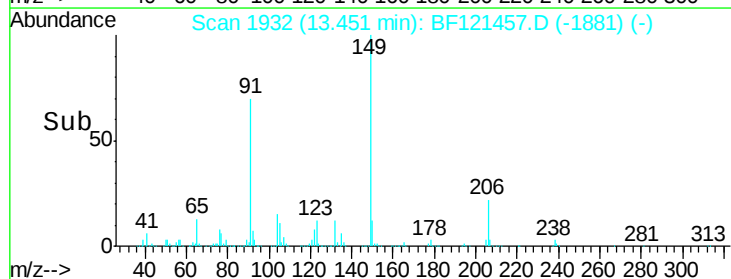
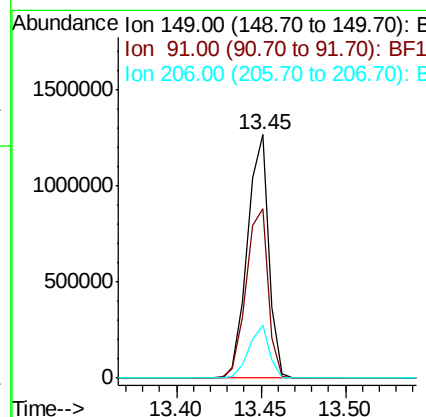
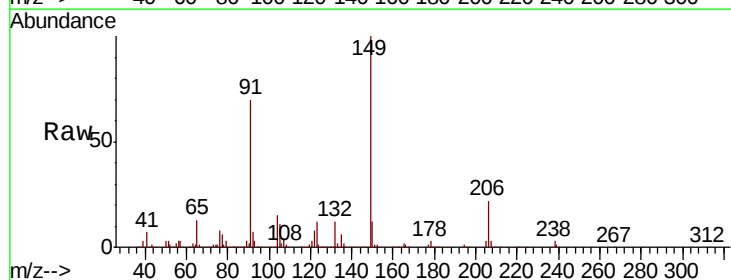
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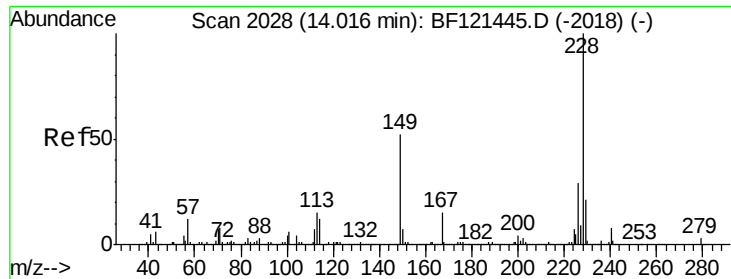
mohammad
 8/31/2020 10:27:17 AM



#80
 Butylbenzylphthalate
 Concen: 41.085 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BF121457.D
 Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.0	82.4
206	21.8	17.8	26.6





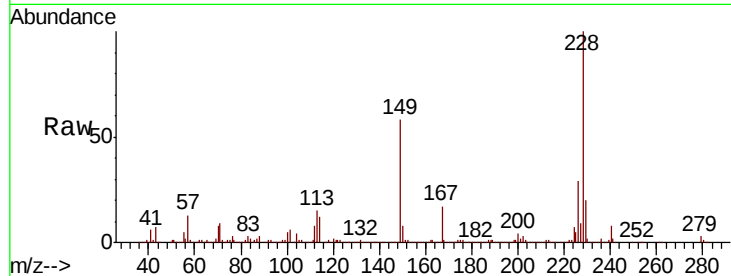
#81
Benzo(a)anthracene
Concen: 35.315 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.4	16.6	24.8

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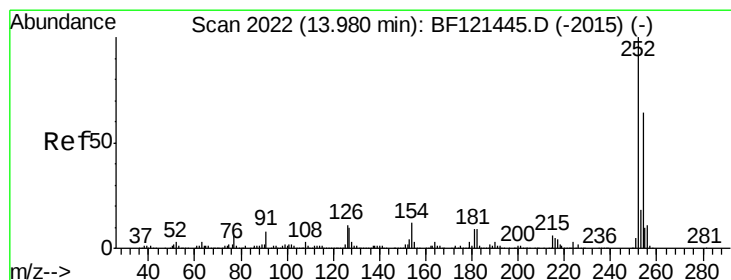
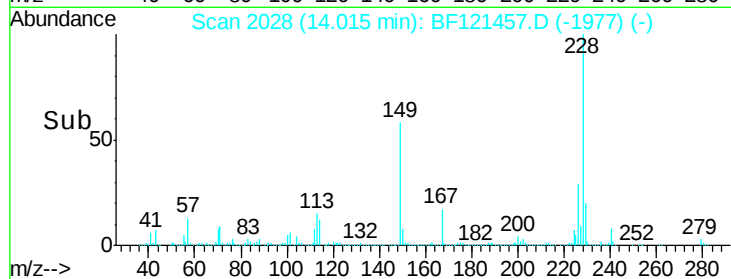
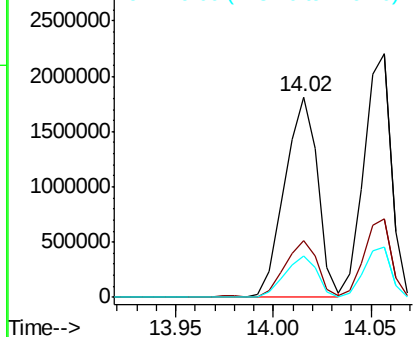


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 27.141 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

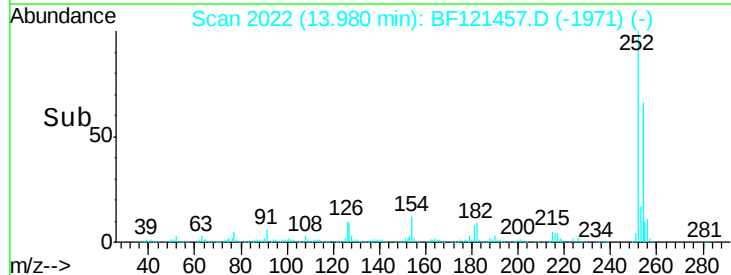
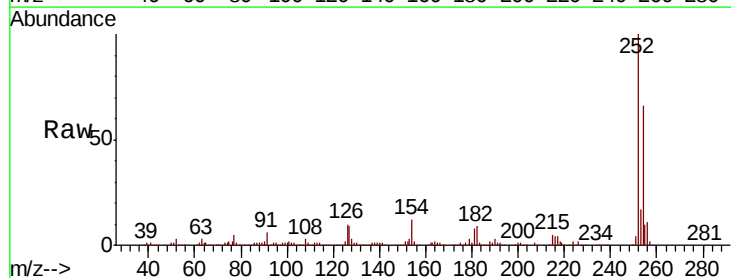
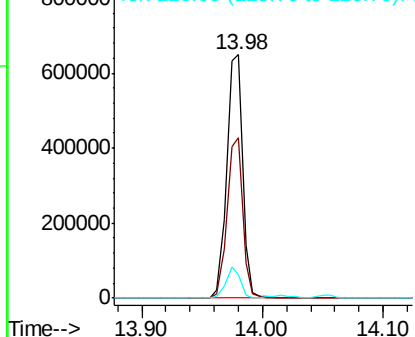
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.2
126	9.6	8.5	12.7

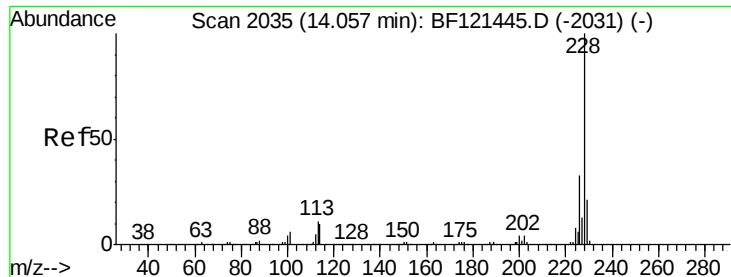
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.629 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion:228 Resp: 2138147

Ion Ratio Lower Upper

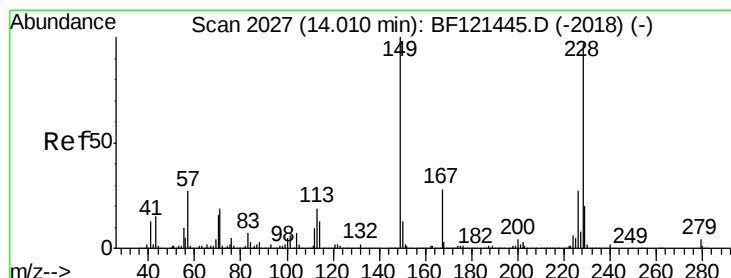
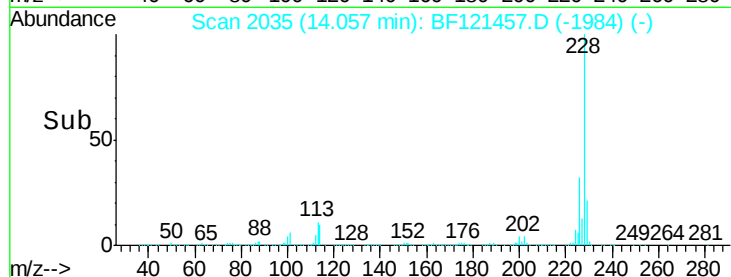
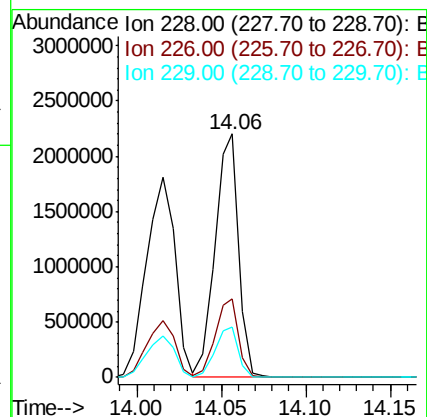
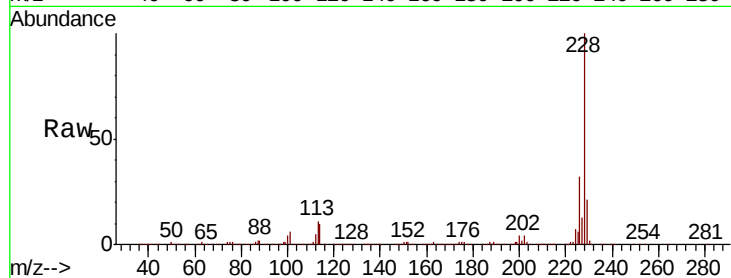
228 100

226 32.3 26.2 39.2

229 20.5 16.6 25.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.458 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

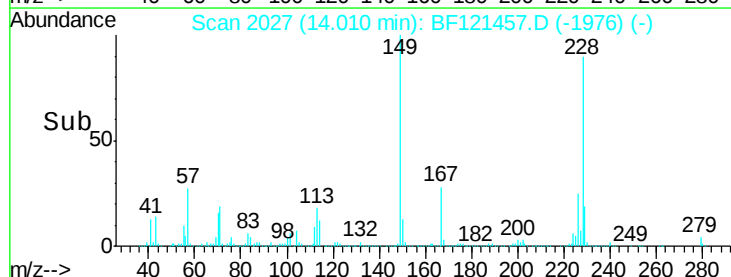
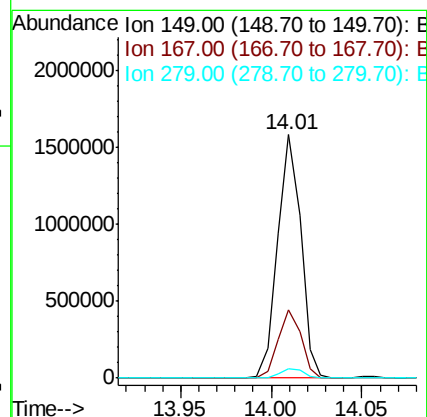
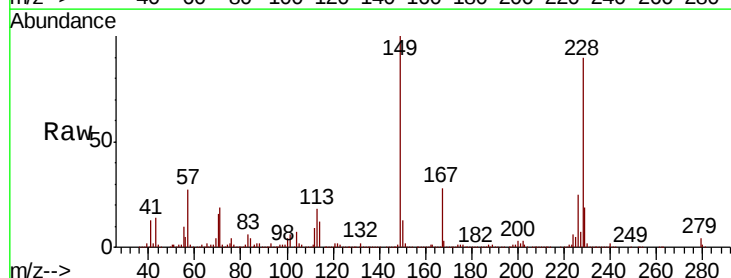
Tgt Ion:149 Resp: 1412680

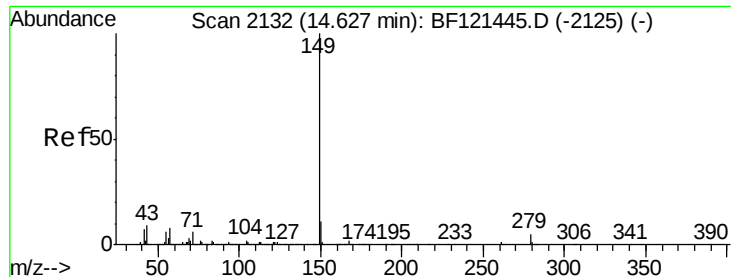
Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.750 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB131261BS

Tot Ion:149 Resp: 2529744

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

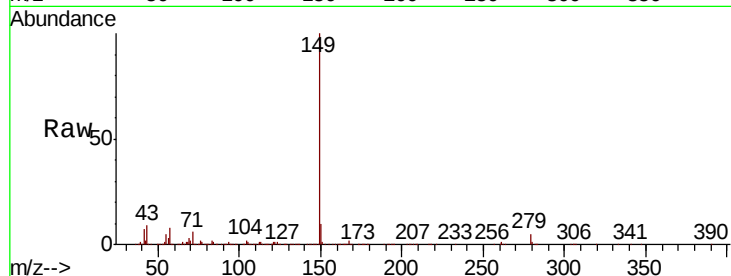
43 10.2 8.3 12.5

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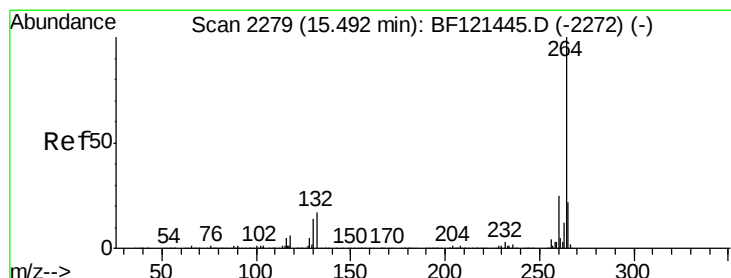
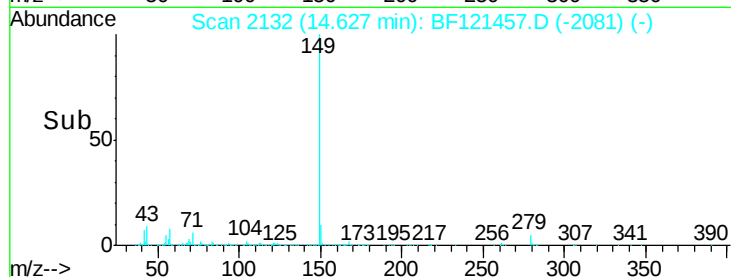
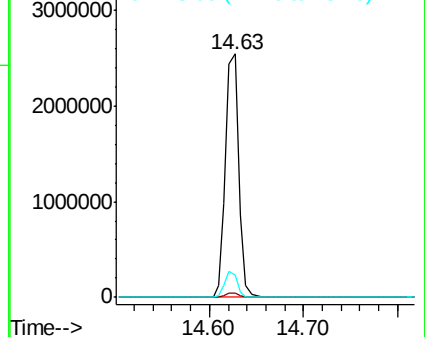
8/31/2020 10:27:17 AM



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: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

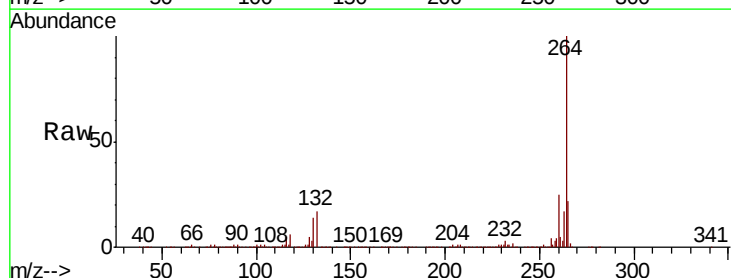
Tgt Ion:264 Resp: 929561

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

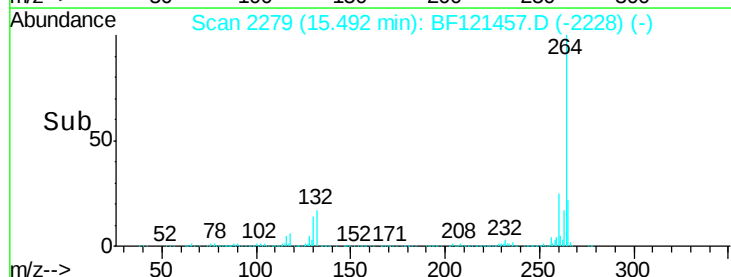
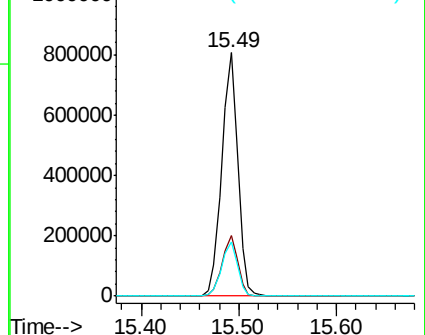
265 22.4 17.8 26.6

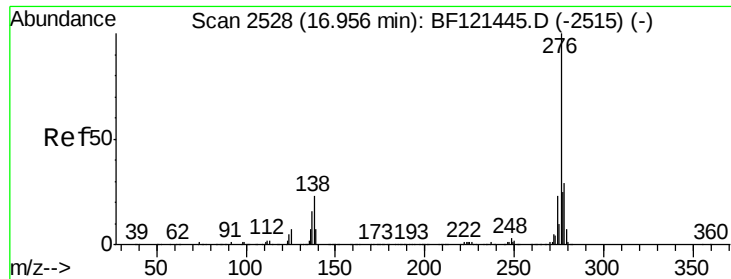


Abundance Ion 264.00 (263.70 to 264.70): E

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: 36.564 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

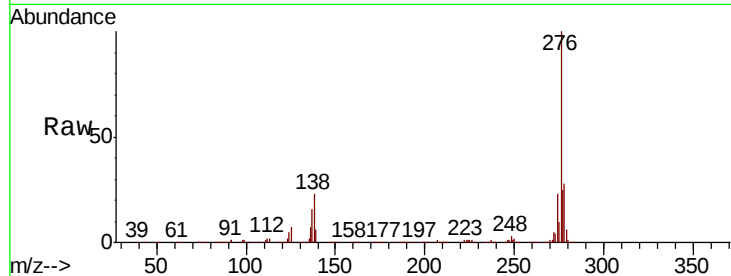
Instrument :
BNA_F

ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	31.0
277	25.2	20.5	30.7

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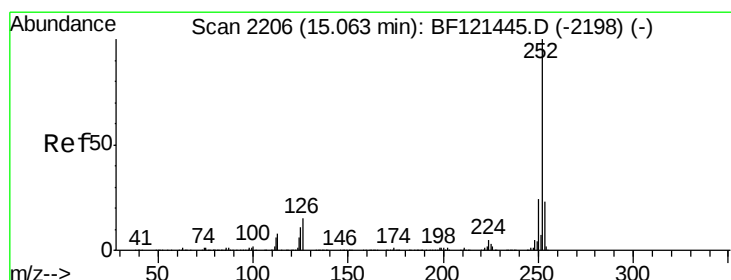
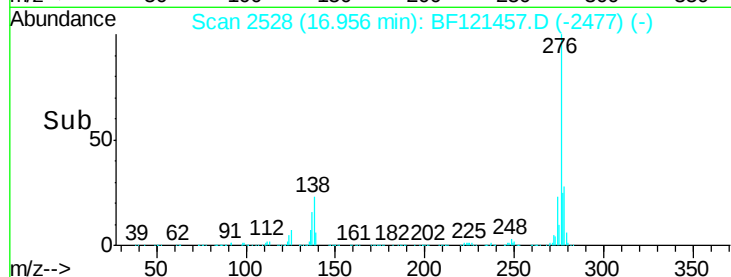
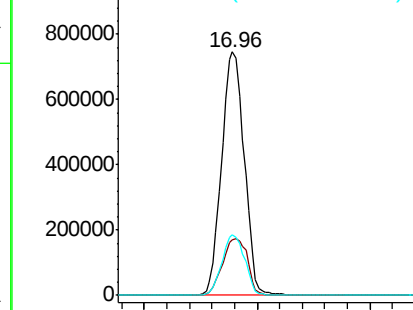


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 37.425 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BF121457.D

Acq: 28 Aug 2020 13:43

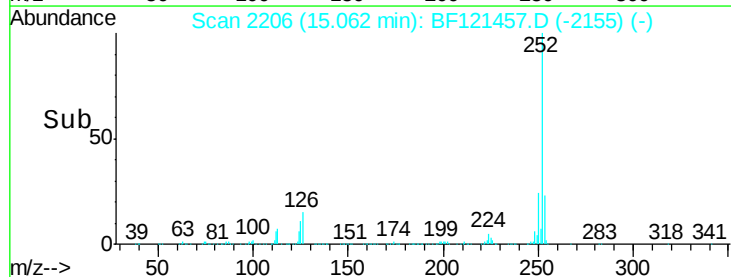
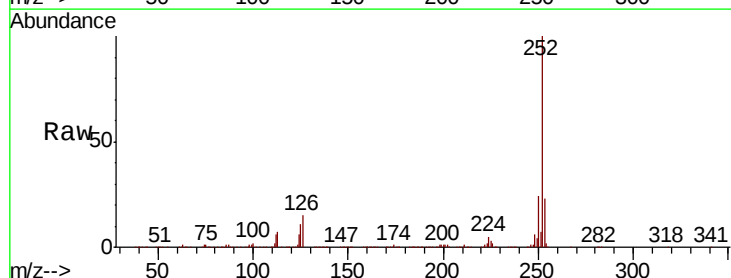
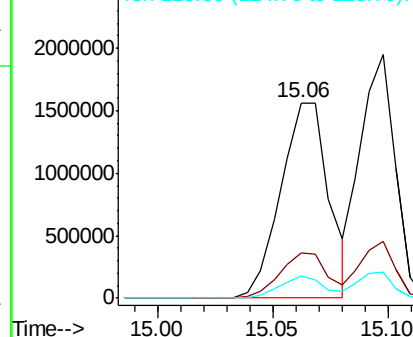
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.3	9.2	13.8

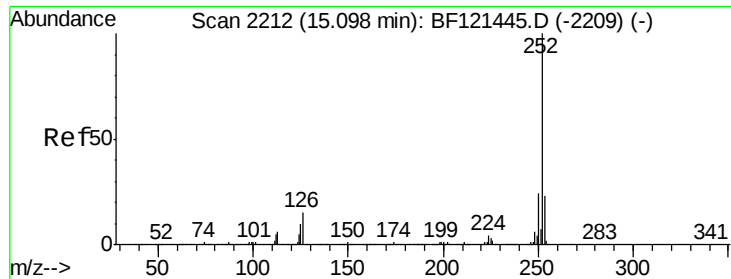
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





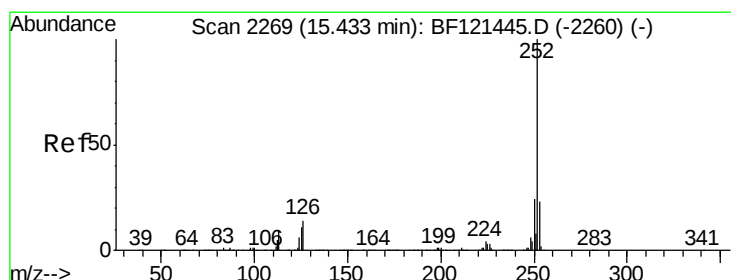
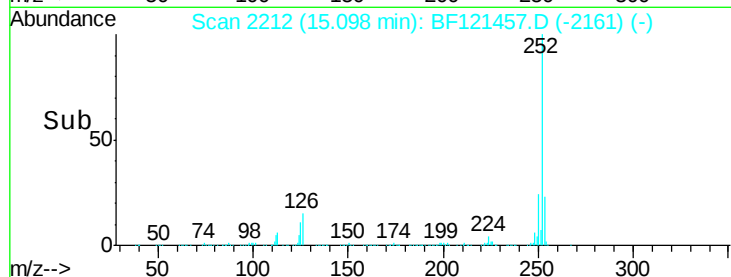
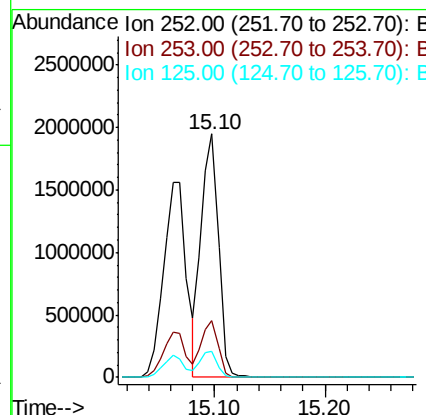
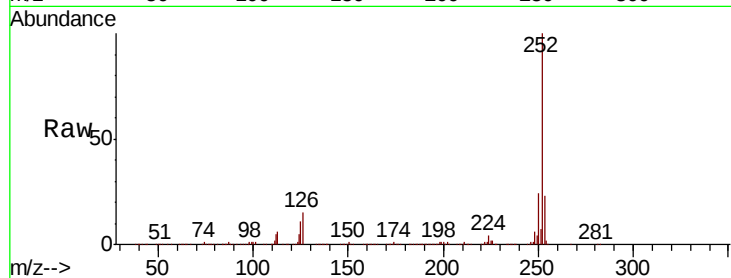
#89
Benzo(k)fluoranthene
Concen: 36.704 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	10.7	8.5	12.7

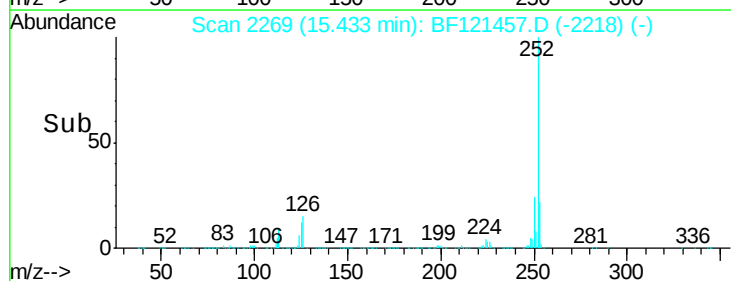
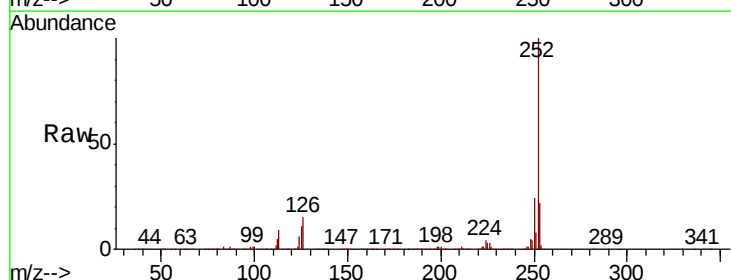
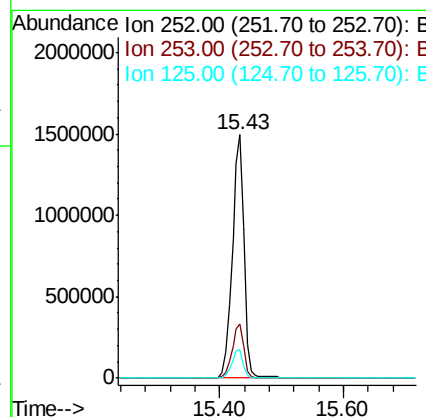
Manual Integrations
APPROVED

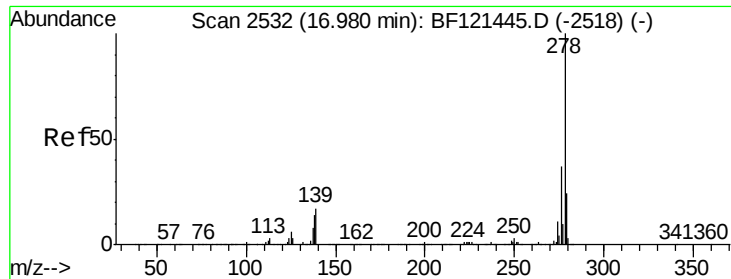
mohammad
8/31/2020 10:27:17 AM



#90
Benzo(a)pyrene
Concen: 36.229 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.5	9.0	13.4





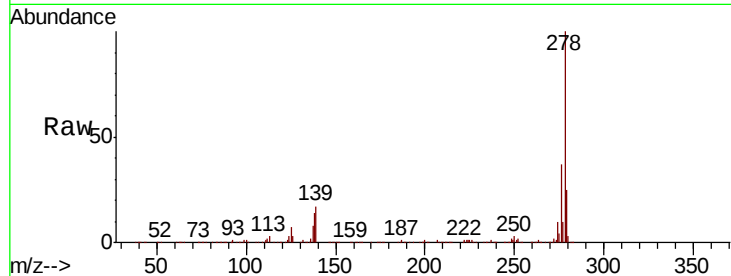
#91
Dibenzo(a,h)anthracene
Concen: 37.426 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB131261BS

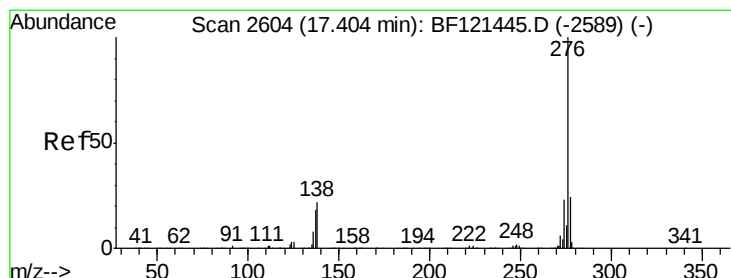
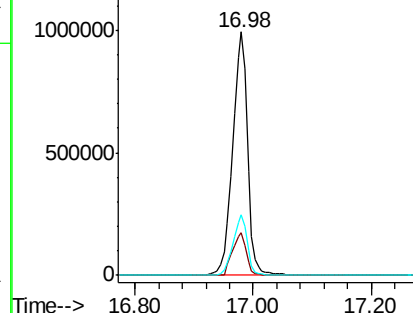
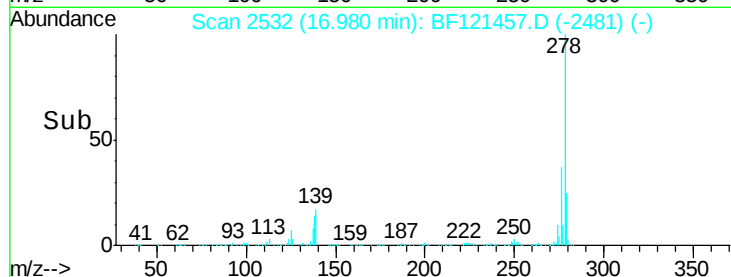
Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.4	13.3	19.9	
279	25.0	19.4	29.0	

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:17 AM

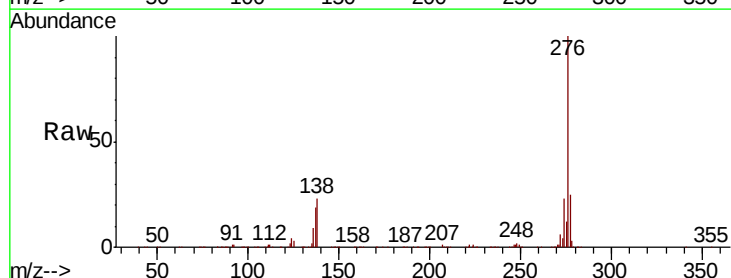


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.383 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BF121457.D
Acq: 28 Aug 2020 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.5	18.9	28.3	
138	22.5	17.4	26.0	



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

