

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121455.D
 Acq On : 28 Aug 2020 12:13
 Operator : JU/CG
 Sample : PB131187BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:14 AM

Quant Time: Aug 28 14:02:52 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	308106	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1205436	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	630753	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1201233	20.00	ng	0.00
76) Chrysene-d12	14.03	240	923217	20.00	ng	0.00
86) Perylene-d12	15.49	264	846452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1822857	99.26	ng	0.01
7) Phenol-d6	6.49	99	2402764	93.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1519202	86.16	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	744582	116.87	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2850763	72.93	ng	0.00
79) Terphenyl-d14	12.97	244	2935202	66.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	461453	52.690	ng	100
3) Pyridine	3.46	79	676582	28.369	ng	100
4) n-Nitrosodimethylamine	3.42	42	397609	37.716	ng	95
6) Aniline	6.52	93	1129730	37.101	ng	100
8) 2-Chlorophenol	6.65	128	832093	44.644	ng	96
9) Benzaldehyde	6.41	77	543985	45.318	ng	98
10) Phenol	6.50	94	1080018	43.020	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	803802	39.407	ng	96
12) 1,3-Dichlorobenzene	6.80	146	836074	37.256	ng	97
13) 1,4-Dichlorobenzene	6.88	146	840976	37.393	ng	99
14) 1,2-Dichlorobenzene	7.03	146	815665	38.950	ng	99
15) Benzyl Alcohol	7.00	79	702881	41.728	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1159525	38.373	ng	99
17) 2-Methylphenol	7.11	107	678130	41.817	ng	99
18) Hexachloroethane	7.37	117	308061	40.024	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	593187	41.361	ng	99
20) 3+4-Methylphenols	7.26	107	835554	42.578	ng	89
22) Acetophenone	7.27	105	1097981	36.956	ng	# 95
24) Nitrobenzene	7.44	77	854941	48.372	ng	98
25) Isophorone	7.69	82	1615214	40.728	ng	100
26) 2-Nitrophenol	7.76	139	376013	50.037	ng	96
27) 2,4-Dimethylphenol	7.79	122	775280	47.134	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	1029859	38.188	ng	100
29) 2,4-Dichlorophenol	8.00	162	693577	42.706	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	733975	36.892	ng	99
31) Naphthalene	8.17	128	2302673	38.477	ng	99
32) Benzoic acid	7.92	122	478631	47.106	ng	100
33) 4-Chloroaniline	8.21	127	811654	30.451	ng	99
34) Hexachlorobutadiene	8.29	225	425458	35.960	ng	99
35) Caprolactam	8.58	113	228130m	43.068	ng	
36) 4-Chloro-3-methylphenol	8.69	107	728913	42.568	ng	99
37) 2-Methylnaphthalene	8.86	142	1598521	40.316	ng	99
38) 1-Methylnaphthalene	8.96	142	1503599	40.160	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	707660	37.848	ng	98

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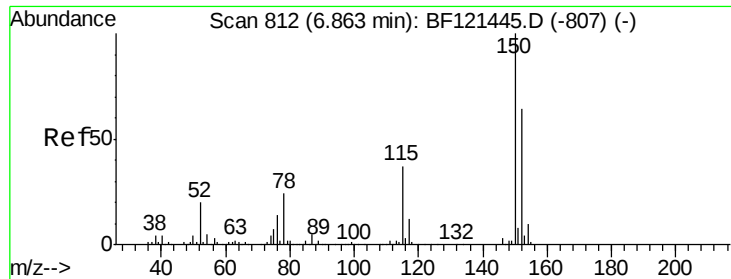
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	837856	106.560	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	512871	43.398	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	542558	46.428	nq	99
46) 1,1'-Biphenyl	9.32	154	1923845	40.420	nq	99
47) 2-Chloronaphthalene	9.35	162	1463257	37.402	nq	98
48) 2-Nitroaniline	9.44	65	466355	43.236	nq	96
49) Acenaphthylene	9.76	152	2386124	40.662	nq	99
50) Dimethylphthalate	9.63	163	1739921	40.158	nq	100
51) 2,6-Dinitrotoluene	9.68	165	382526	47.227	nq	92
52) Acenaphthene	9.93	154	1566285	42.270	nq	99
53) 3-Nitroaniline	9.85	138	326404	33.418	nq	# 98
54) 2,4-Dinitrophenol	9.96	184	299907	79.799	nq	# 83
55) Dibenzofuran	10.11	168	2145354	39.858	nq	99
56) 4-Nitrophenol	10.01	139	687192	81.935	nq	93
57) 2,4-Dinitrotoluene	10.09	165	481796	48.168	nq	97
58) Fluorene	10.45	166	1602227	39.487	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	467635	48.064	nq	99
60) Diethylphthalate	10.33	149	1788426	41.085	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	800059	39.354	nq	100
62) 4-Nitroaniline	10.47	138	425833	40.955	nq	98
63) Azobenzene	10.60	77	1751032	40.677	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	196184	53.016	nq	96
66) n-Nitrosodiphenylamine	10.56	169	1526434	40.177	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	518860	39.264	nq	99
68) Hexachlorobenzene	11.00	284	592336	38.332	nq	98
69) Atrazine	11.09	200	443922	40.290	nq	100
70) Pentachlorophenol	11.19	266	693493	98.233	nq	97
71) Phenanthrene	11.41	178	2398550	38.909	nq	100
72) Anthracene	11.46	178	2467783	40.702	nq	100
73) Carbazole	11.62	167	2288562	39.144	nq	100
74) Di-n-butylphthalate	11.95	149	2696150	41.511	nq	100
75) Fluoranthene	12.60	202	2641750	39.763	nq	100
77) Benzidine	12.72	184	1584845	78.712	nq	99
78) Pyrene	12.83	202	2683611	40.701	nq	100
80) Butylbenzylphthalate	13.45	149	1168697	46.009	nq	96
81) Benzo(a)anthracene	14.02	228	2168947	38.485	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	707559	34.277	nq	98
83) Chrysene	14.06	228	2193783	38.908	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1449532	44.184	nq	99
85) Di-n-octyl phthalate	14.63	149	2615505	47.043	nq	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2075809	39.858	nq	100
88) Benzo(b)fluoranthene	15.06	252	2294147	41.665	nq	100
89) Benzo(k)fluoranthene	15.10	252	2090112	40.811	nq	100
90) Benzo(a)pyrene	15.43	252	1972334	39.836	nq	100
91) Dibenzo(a,h)anthracene	16.97	278	1732597	40.641	nq	99
92) Benzo(g,h,i)perylene	17.40	276	1672886	40.735	nq	98

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



#1

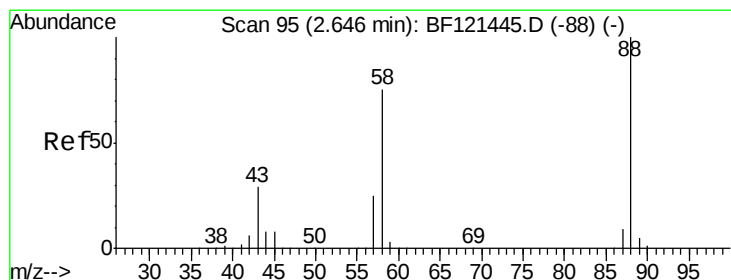
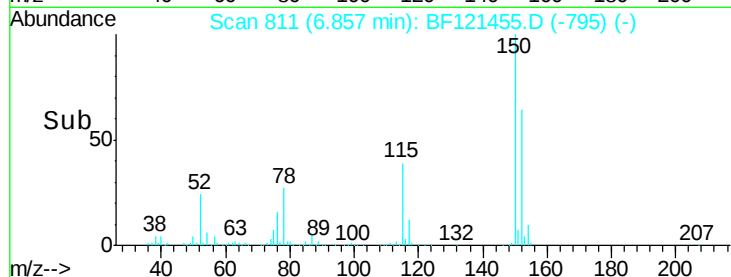
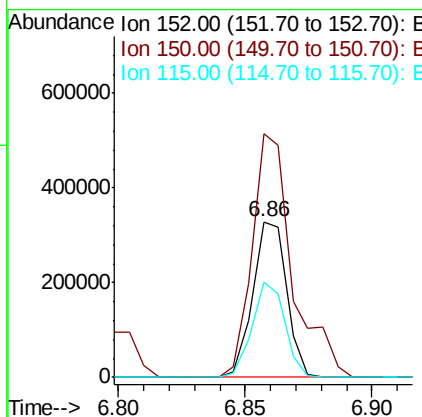
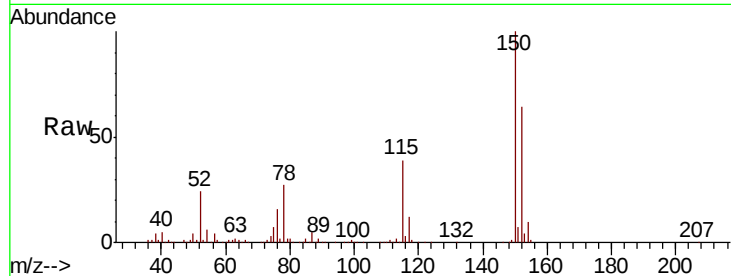
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.6
115	61.5	46.6	69.8

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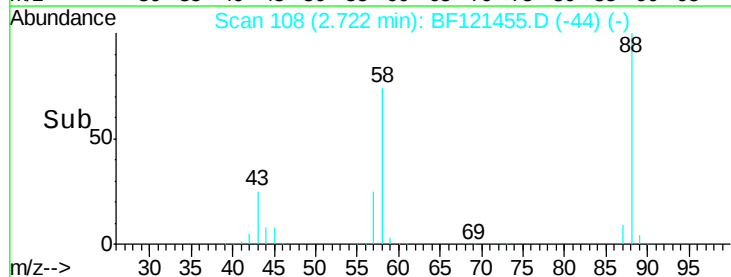
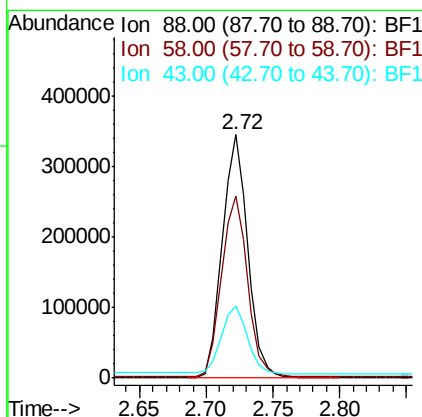
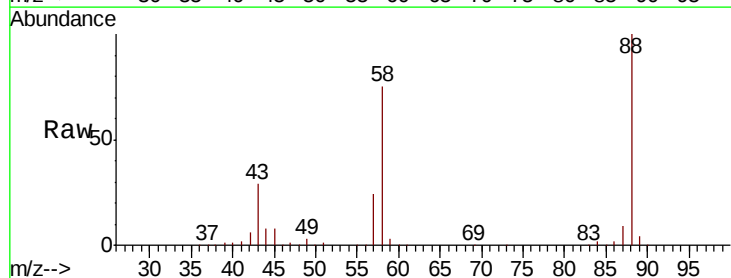
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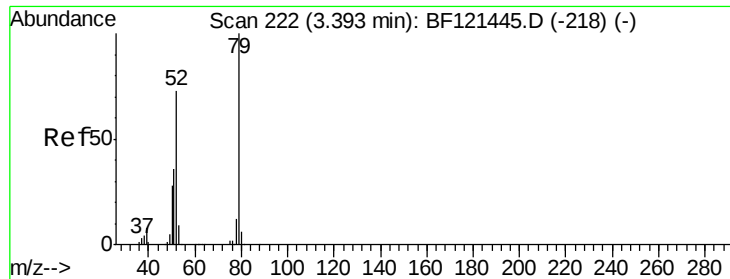


#2

1,4-Dioxane
Concen: 52.690 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	61.1	91.7
43	28.8	23.4	35.0





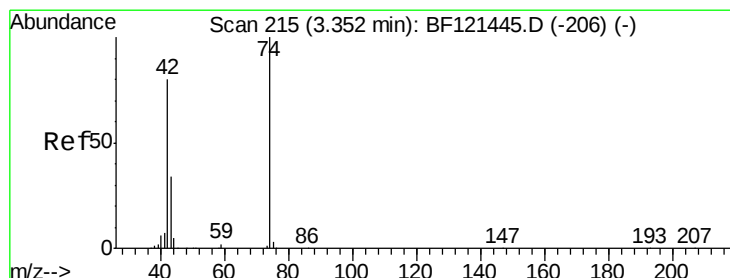
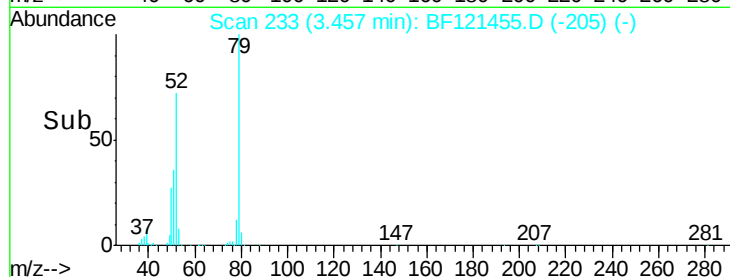
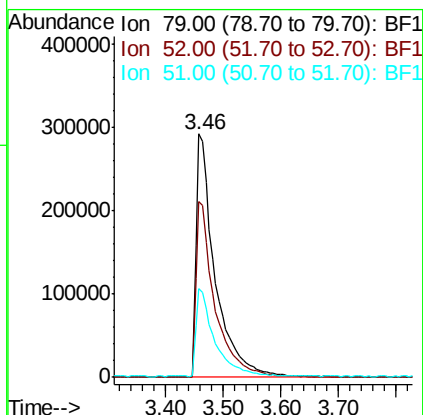
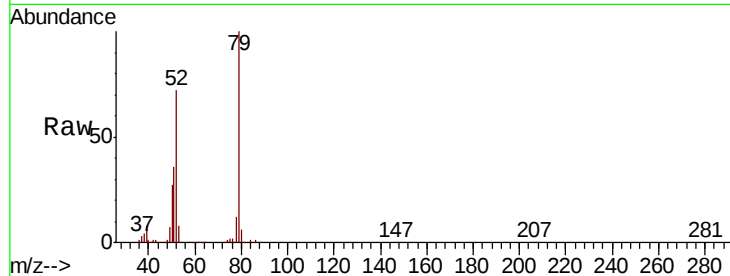
#3
 Pvridine
 Concen: 28.369 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.06 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.3	58.2	87.4
51	36.3	29.1	43.7

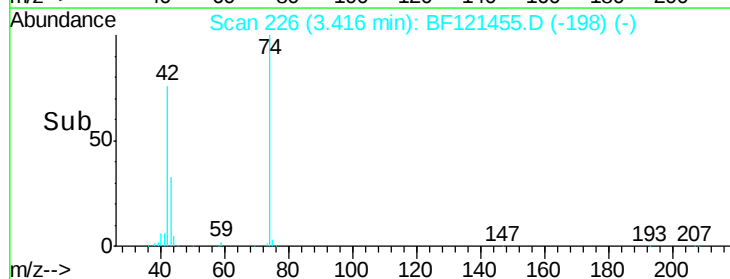
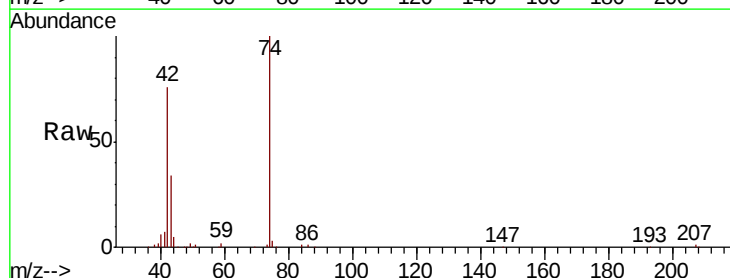
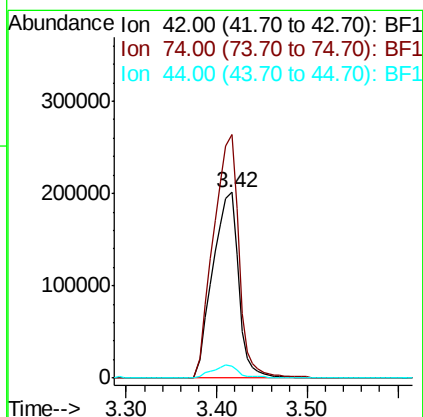
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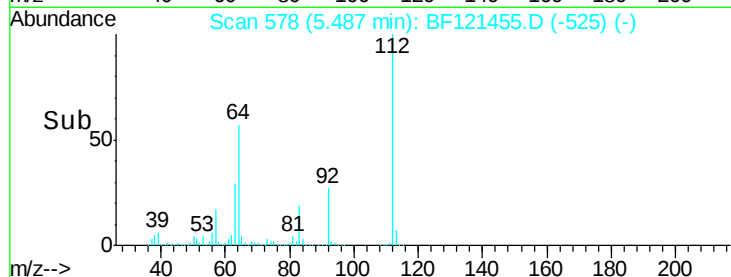
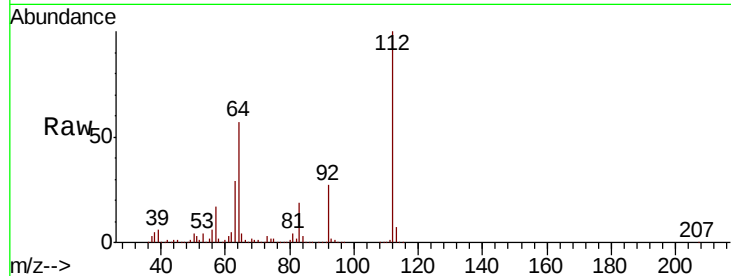
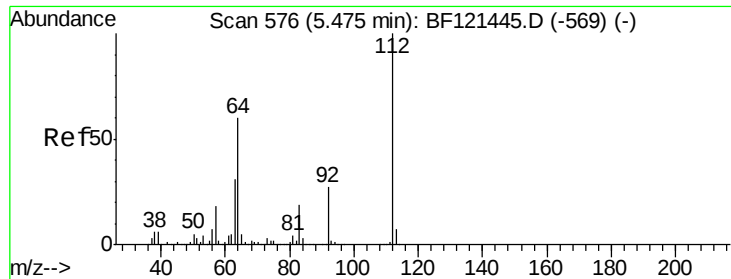
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#4
 n-Nitrosodimethylamine
 Concen: 37.716 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.3	100.2	150.4
44	6.5	5.4	8.0





#5

2-Fluorophenol

Concen: 99.261 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tot Ion:	112	Resp:	1822857
Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.2	72.2
63	29.3	24.8	37.2

Instrument :

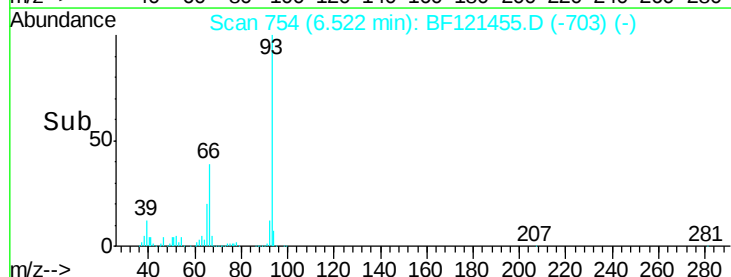
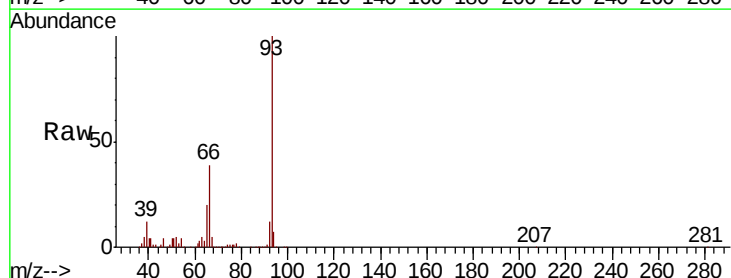
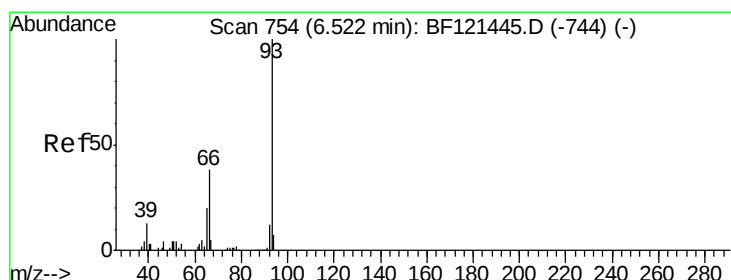
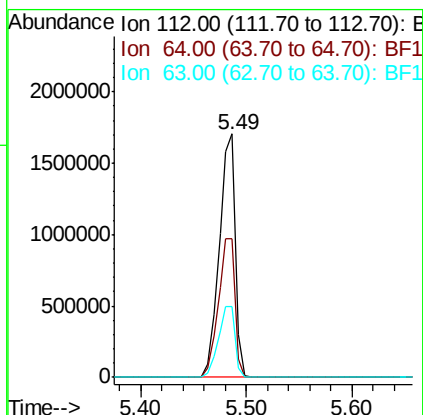
BNA_F

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#6

Aniline

Concen: 37.101 ng

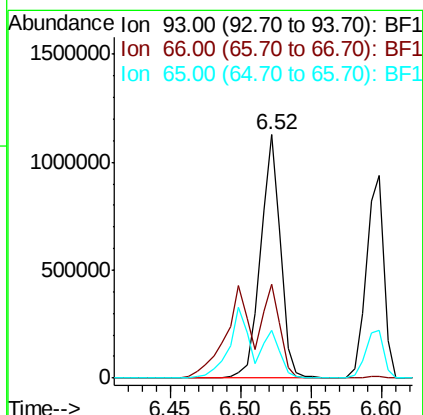
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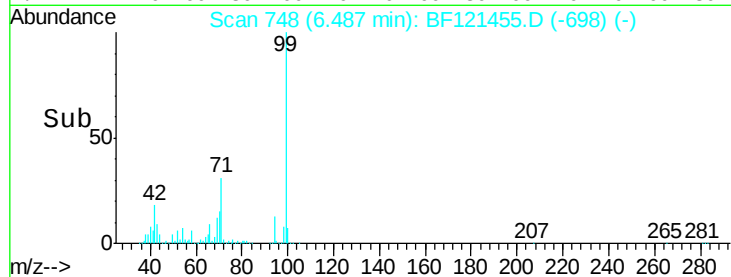
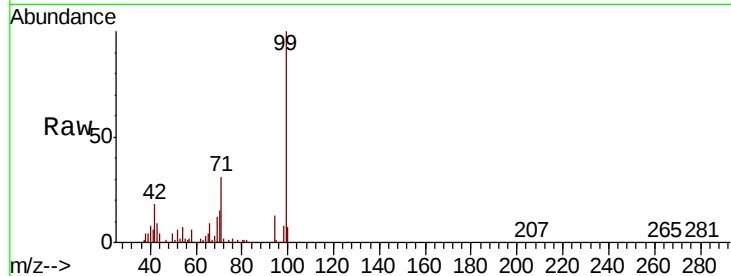
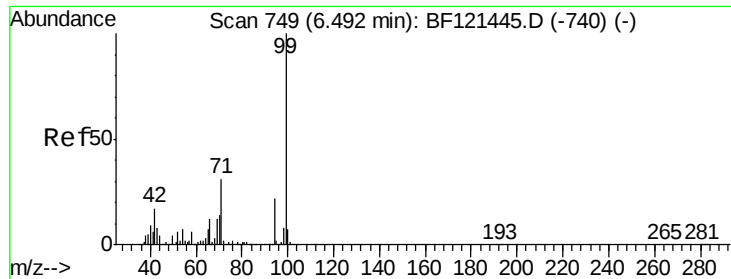
Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:	93	Resp:	1129730
Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.9	46.3
65	19.7	15.9	23.9





#7

Phenol-d6

Concen: 93.626 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		2402764		
42	17.5	13.5	20.3		
71	31.4	24.6	37.0		

Instrument :

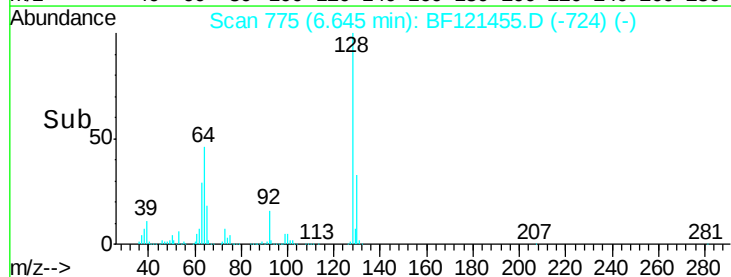
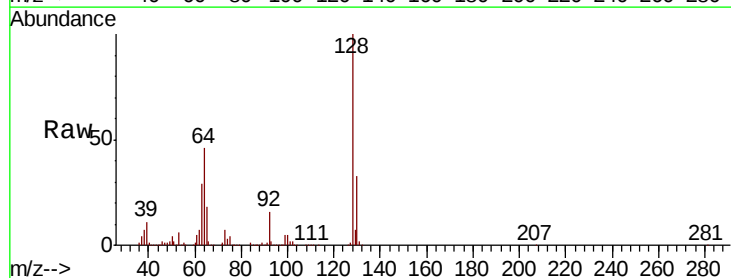
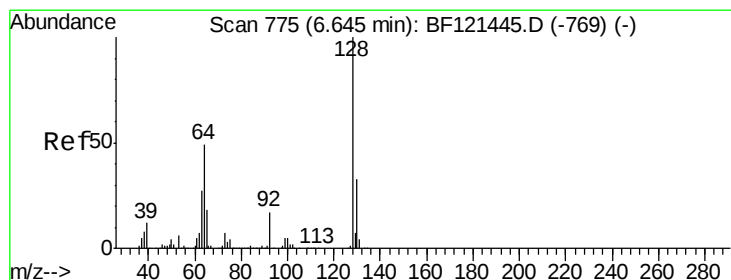
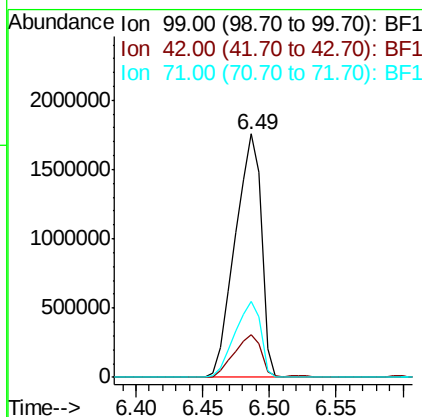
BNA_F

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#8

2-Chlorophenol

Concen: 44.644 ng

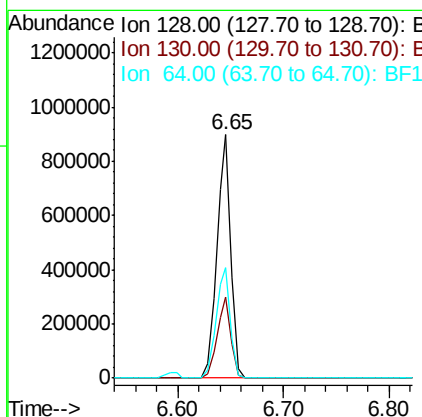
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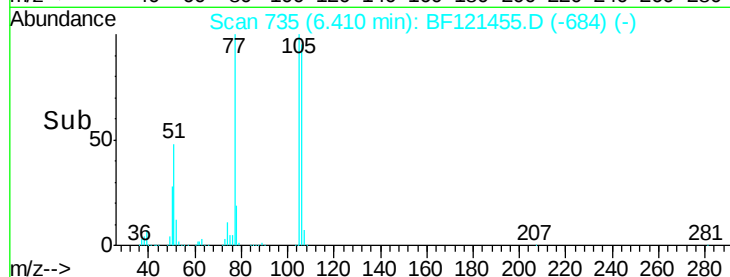
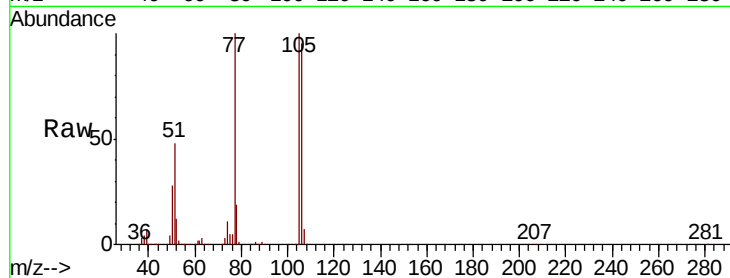
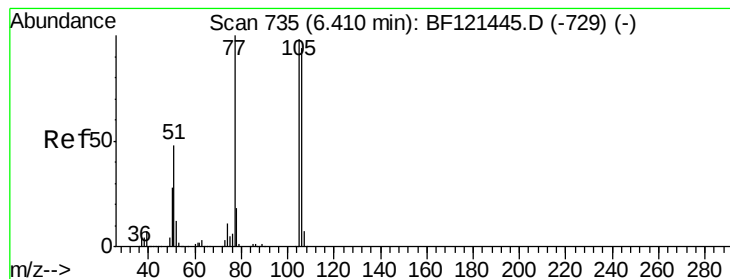
Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		832093		
130	33.3	12.6	52.6		
64	45.6	29.5	69.5		





#9

Benzaldehyde

Concen: 45.318 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tot Ion:	77	Resp:	543985
Ion	Ratio	Lower	Upper
77	100		
105	100.3	78.1	118.1
106	95.2	74.3	114.3

Instrument :

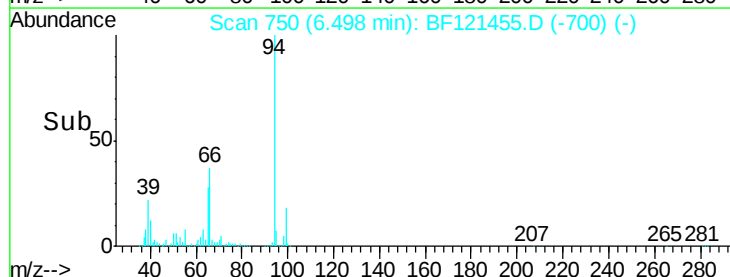
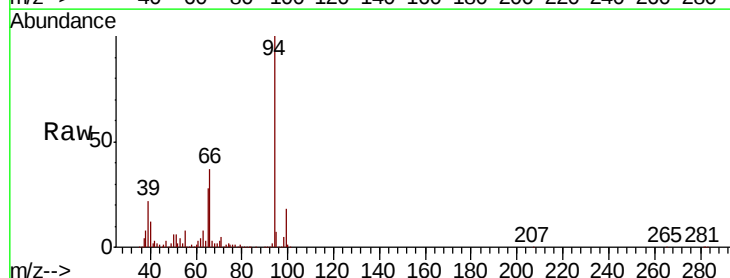
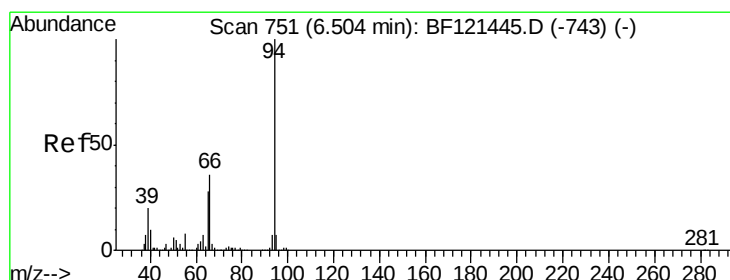
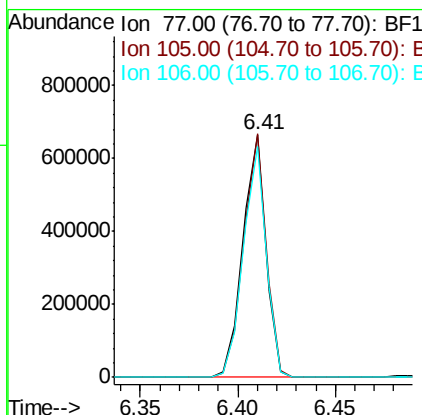
BNA_F

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#10

Phenol

Concen: 43.020 ng

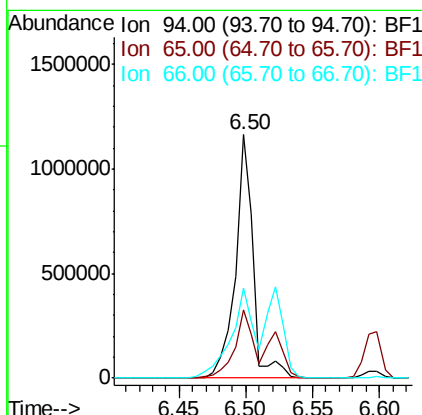
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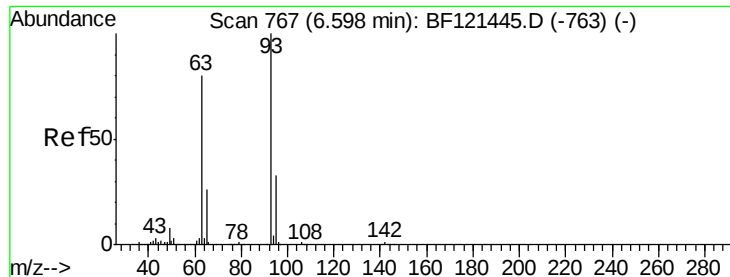
Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:	94	Resp:	1080018
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	37.1	16.0	56.0





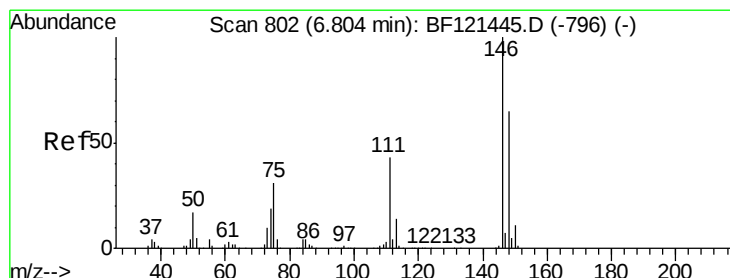
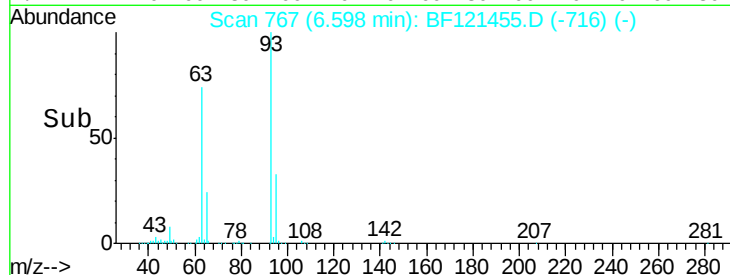
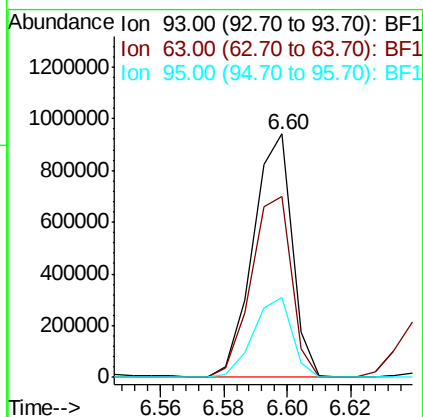
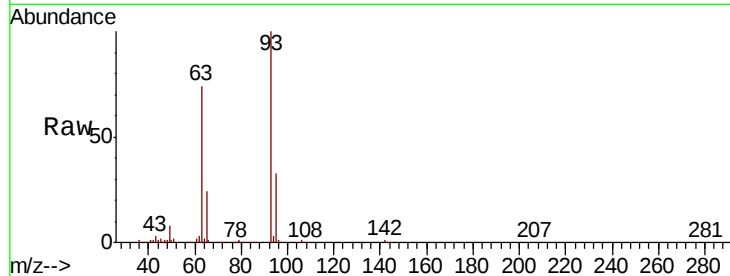
#11
bis(2-Chloroethyl)ether
Concen: 39.407 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.3	99.3
95	32.8	13.0	53.0

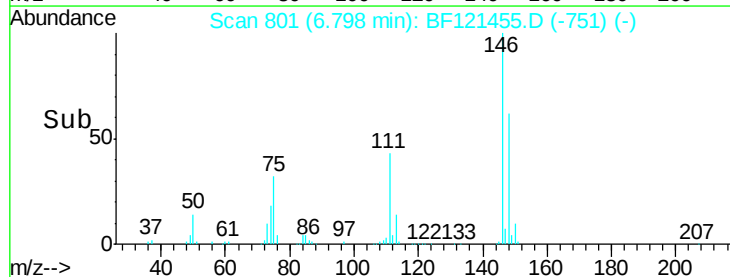
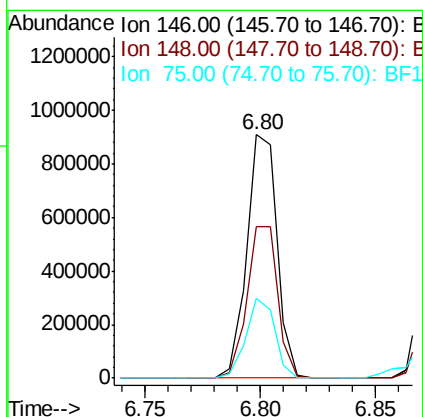
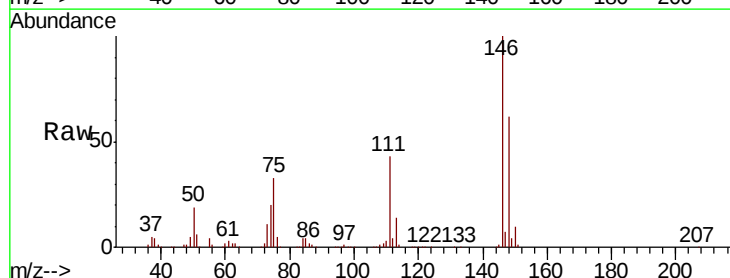
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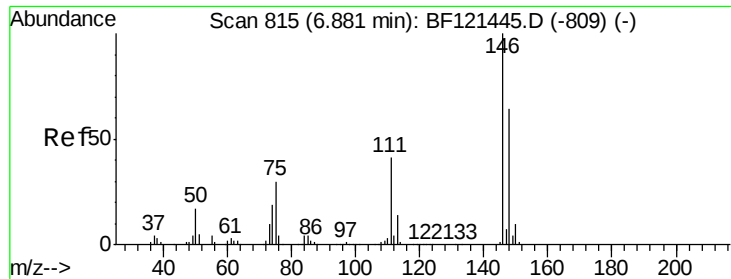
mohammad
8/31/2020 10:27:14 AM



#12
1,3-Dichlorobenzene
Concen: 37.256 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.1	78.1
75	32.7	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 37.393 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

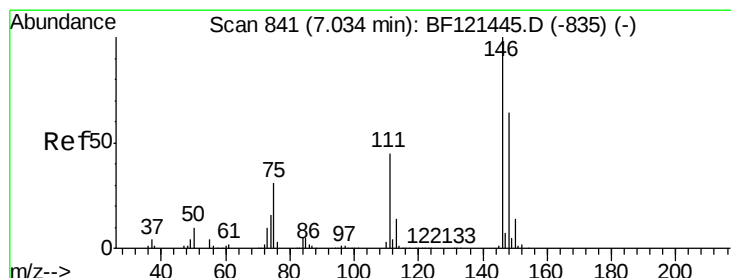
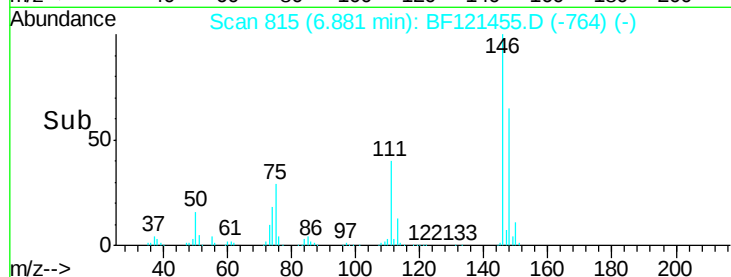
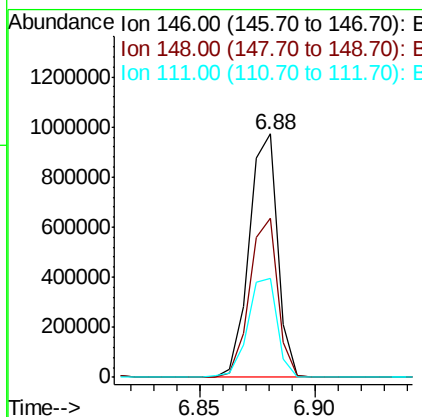
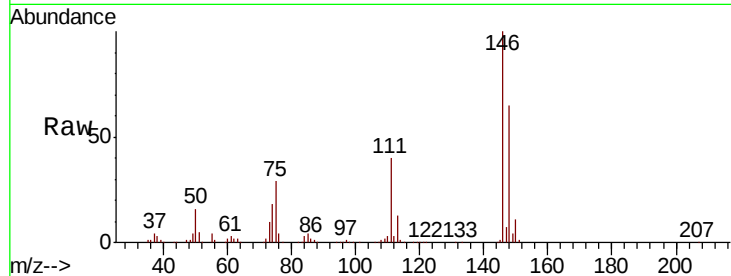
ClientSampleId :

PB131187BSD

Tot Ion:	146	Resp:	840976
Ion Ratio		Lower	Upper
146	100		
148	65.2	51.2	76.8
111	40.5	33.0	49.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.950 ng

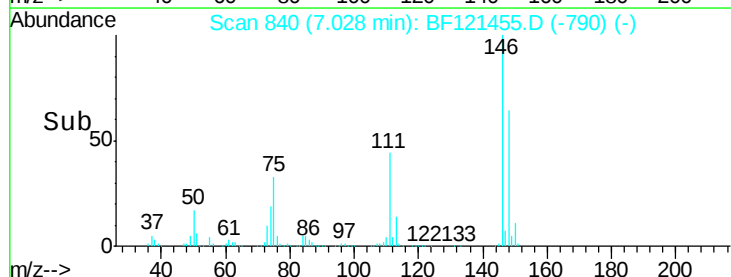
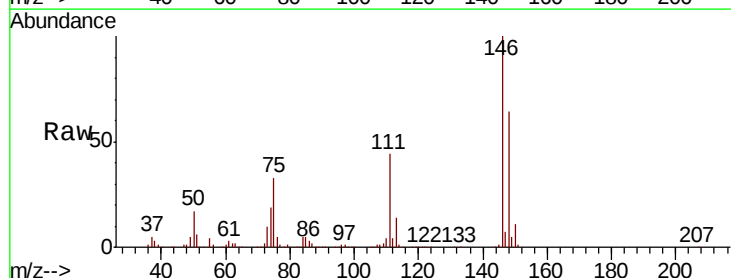
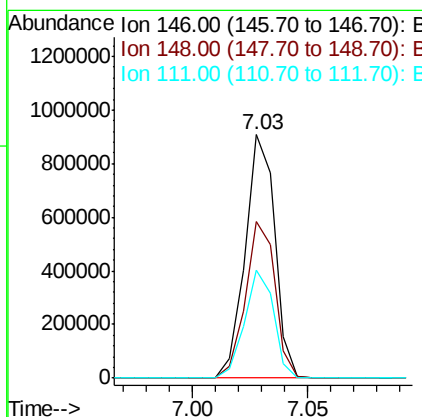
RT: 7.03 min Scan# 840

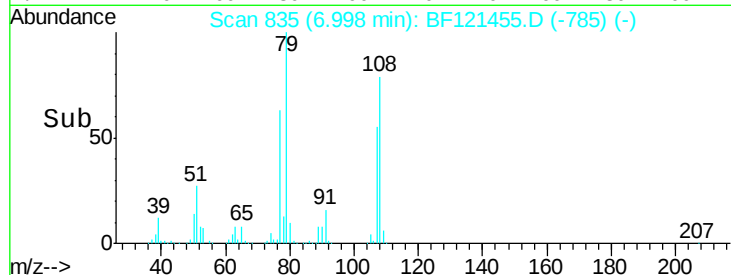
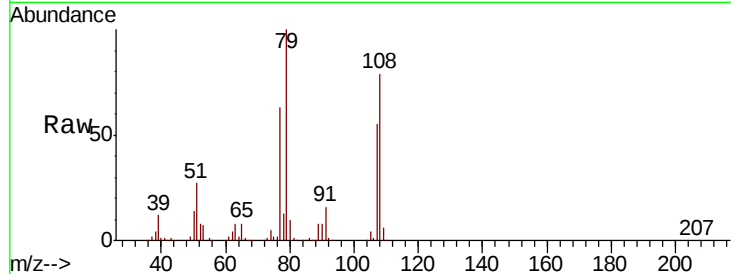
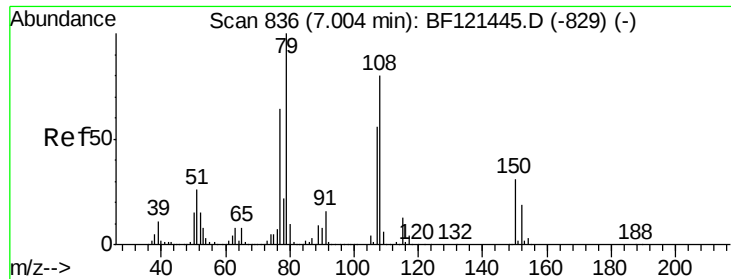
Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:	146	Resp:	815665
Ion Ratio		Lower	Upper
146	100		
148	64.1	51.1	76.7
111	44.4	36.2	54.2





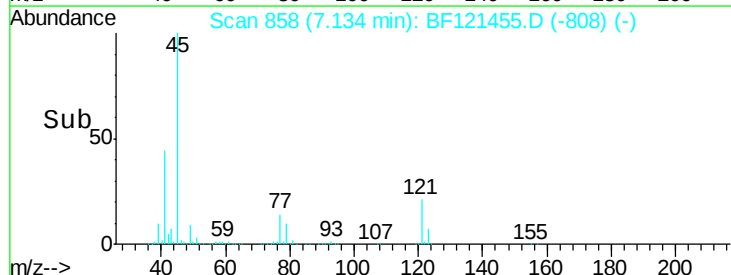
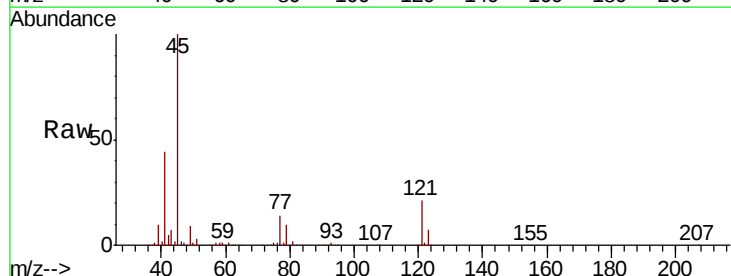
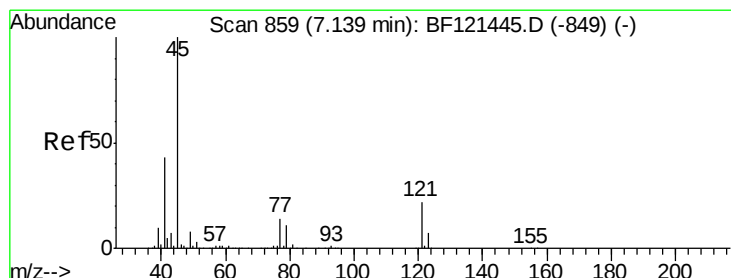
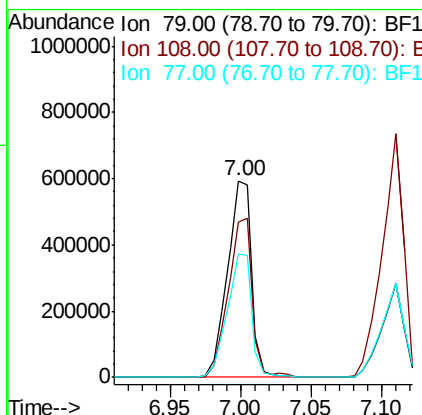
#15
Benzyl Alcohol
Concen: 41.728 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	64.0	96.0
77	62.9	50.8	76.2

Instrument :
BNA_F
ClientSampleID :
PB131187BSD

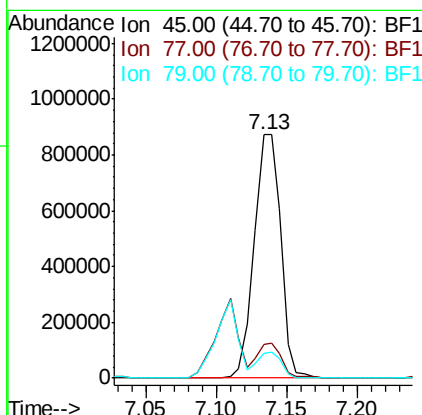
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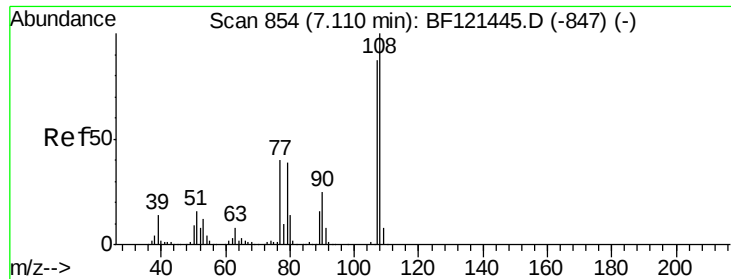
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.373 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.8
79	10.3	0.0	31.1





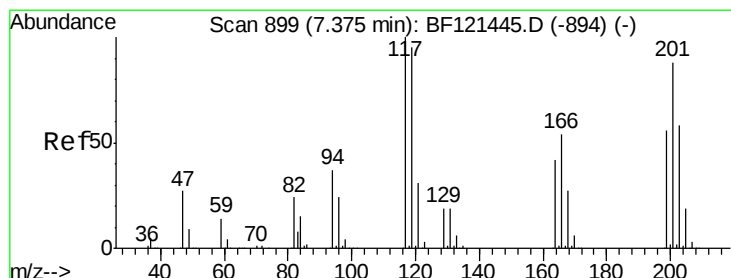
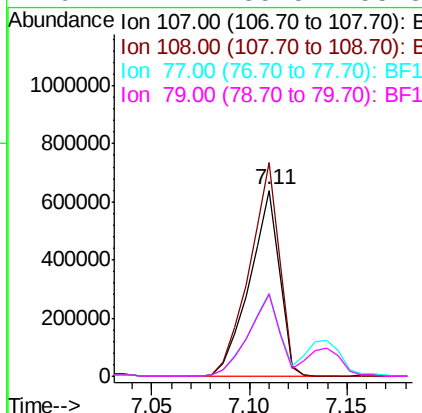
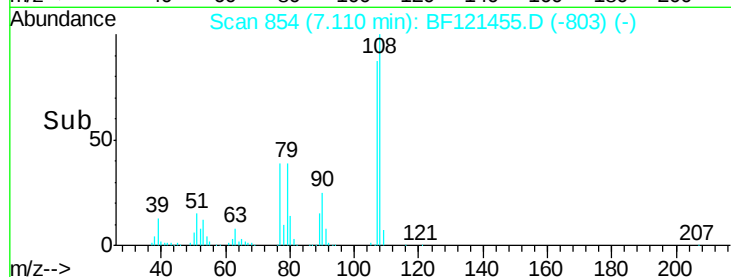
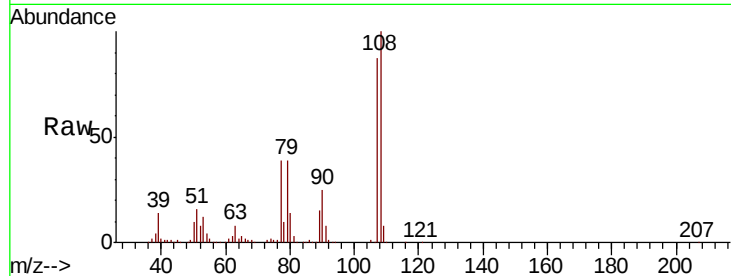
#17
2-Methylphenol
Concen: 41.817 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.7	137.5	
77	44.4	36.4	54.6	
79	44.2	35.5	53.3	

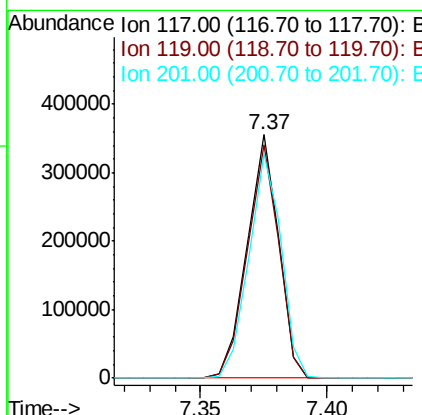
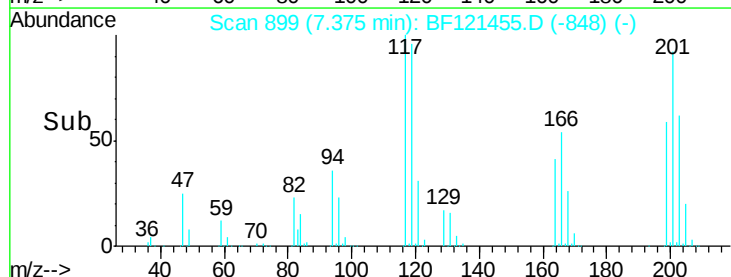
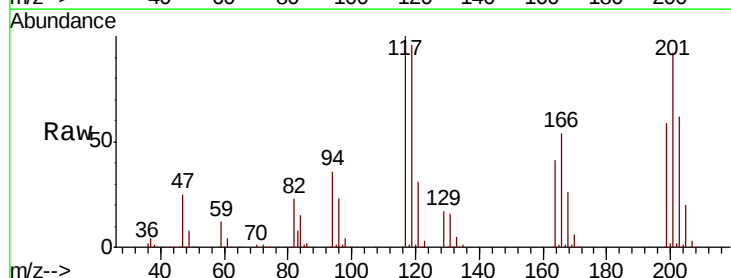
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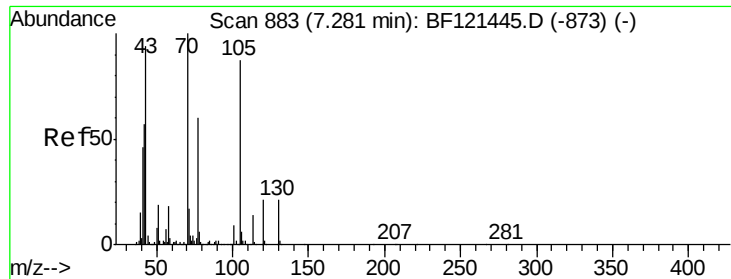
mohammad
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#18
Hexachloroethane
Concen: 40.024 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.8	113.8	
201	92.4	70.4	105.6	





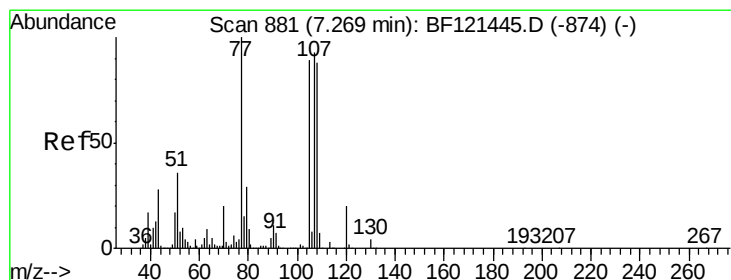
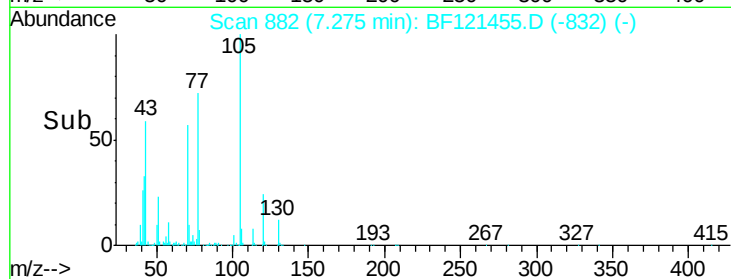
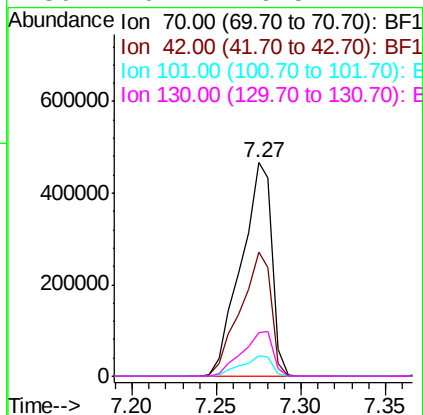
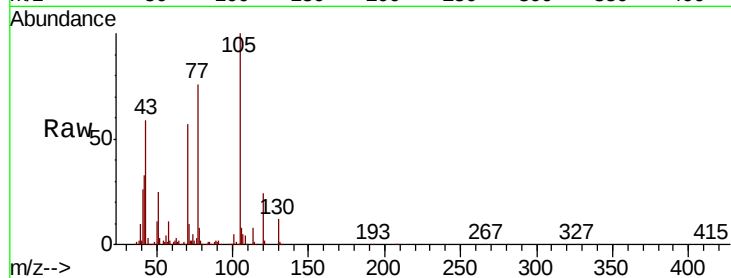
#19
n-Nitroso-di-n-propylamine
Concen: 41.361 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.9	45.8	68.6		
101	9.5	7.5	11.3		
130	20.7	16.5	24.7		

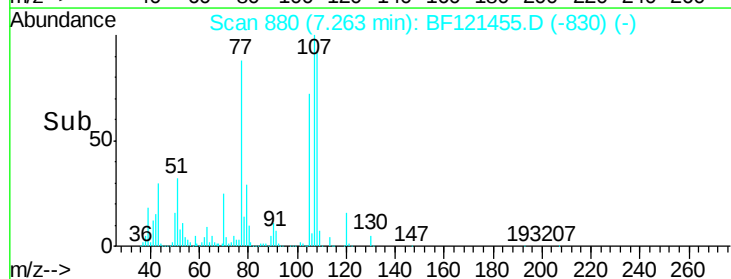
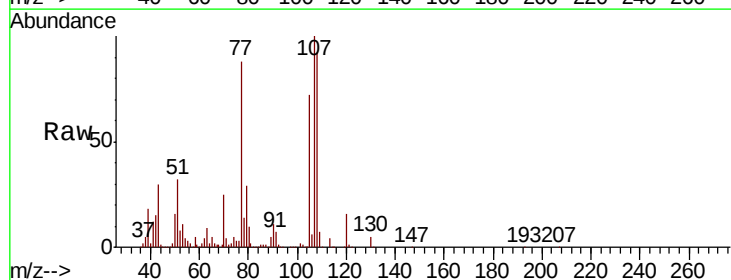
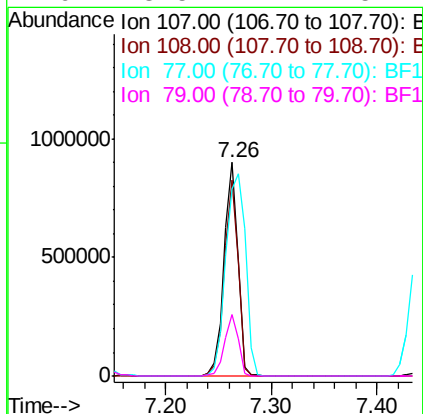
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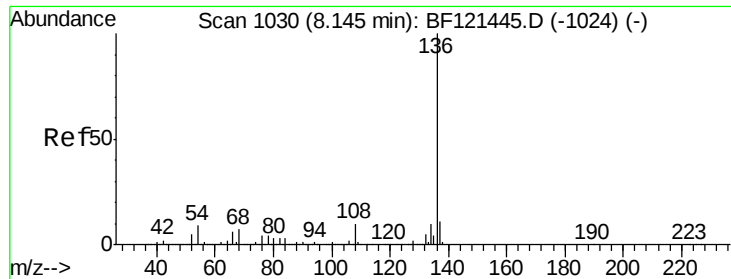
mohammad
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#20
3+4-Methylphenols
Concen: 42.578 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	75.0	115.0		
77	87.7	87.5	127.5		
79	28.5	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: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:136 Resp: 1205436

Ion Ratio Lower Upper

136 100

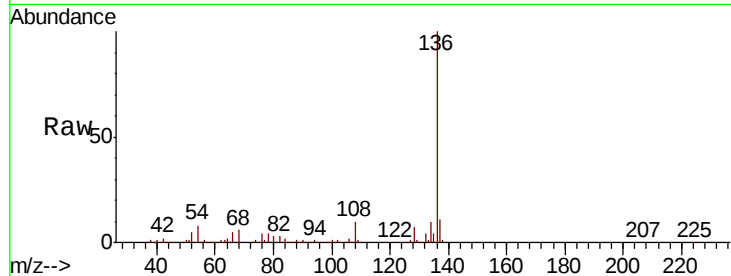
137 11.2 9.1 13.7

54 8.0 7.0 10.4

68 6.5 5.5 8.3

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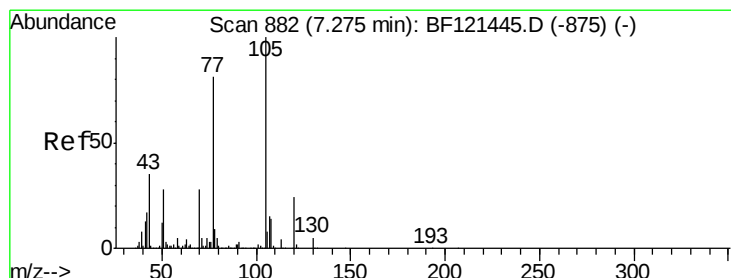
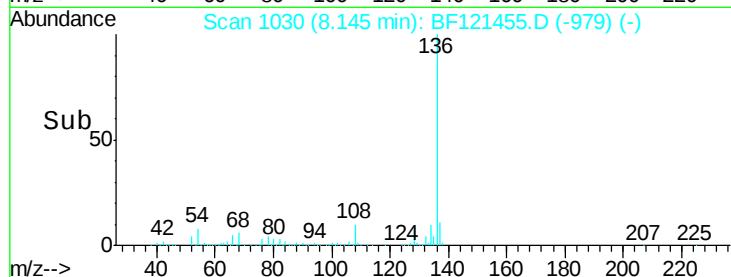
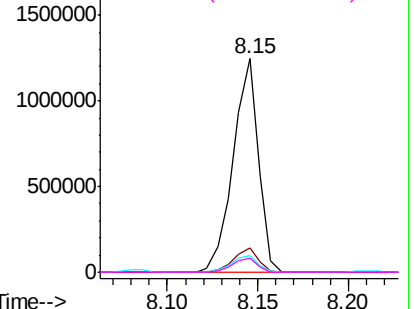


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.956 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:105 Resp: 1097981

Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 33.0 22.6 33.8

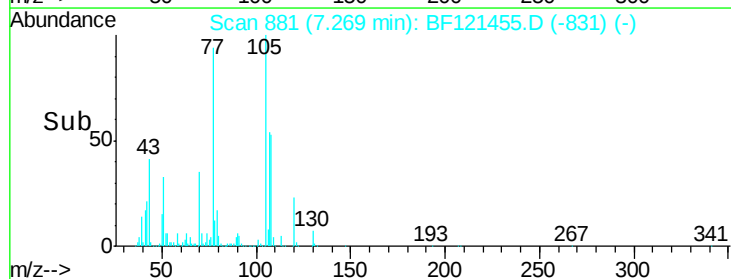
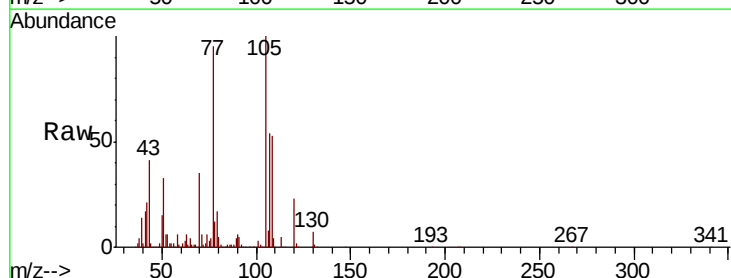
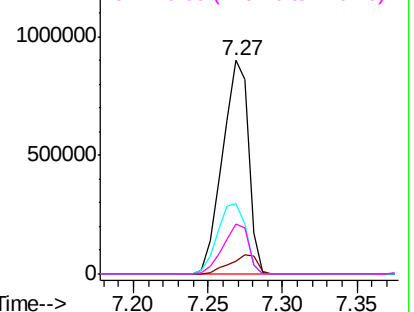
120 23.2 18.9 28.3

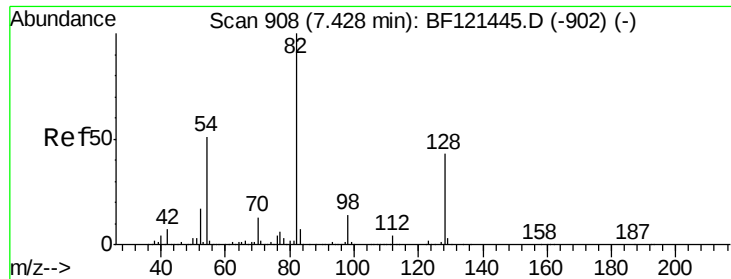
Abundance Ion 105.00 (104.70 to 105.70): E

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





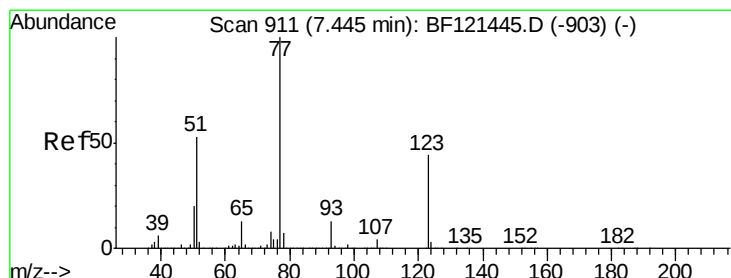
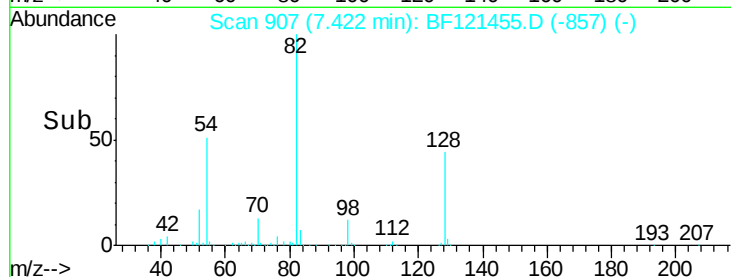
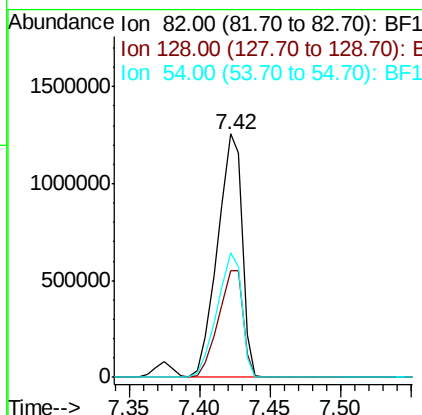
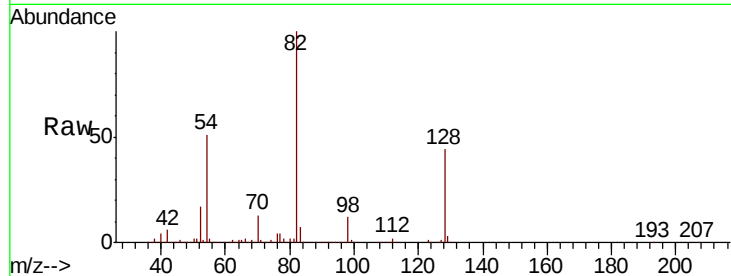
#23
 Nitrobenzene-d5
 Concen: 86.161 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.1	51.1
54	50.9	41.0	61.6

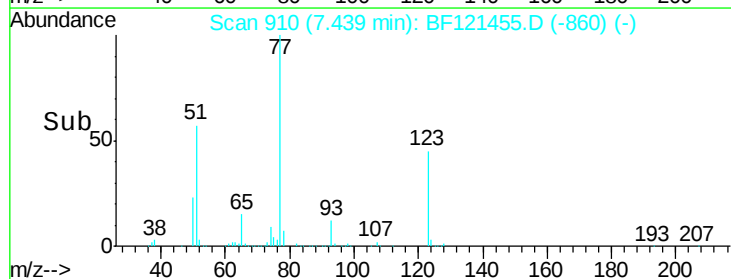
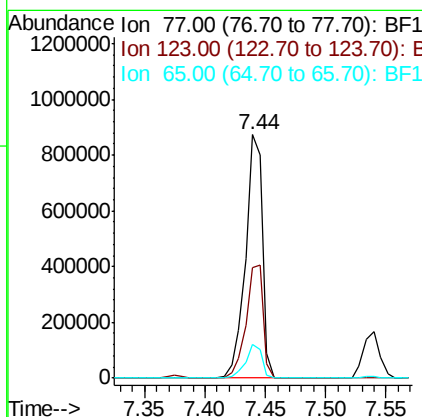
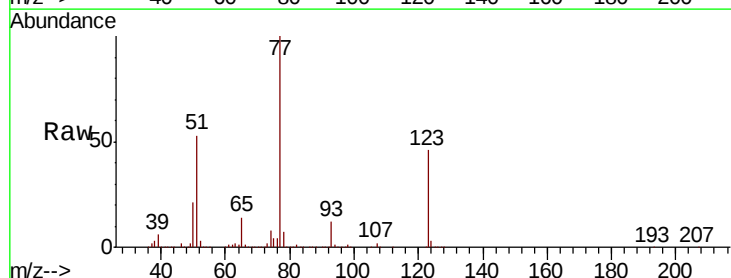
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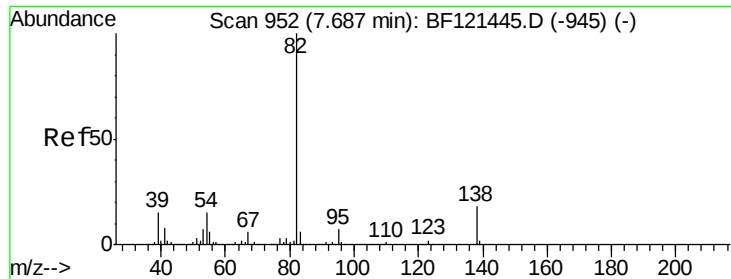
mohammad
 8/31/2020 10:27:14 AM



#24
 Nitrobenzene
 Concen: 48.372 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.5	53.3
65	13.7	10.6	16.0





#25

Isophorone

Concen: 40.728 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion: 82 Resp: 1615214

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

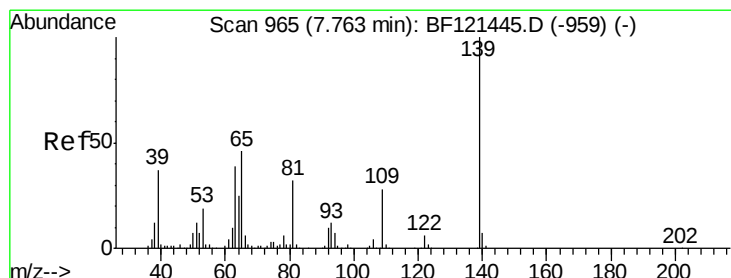
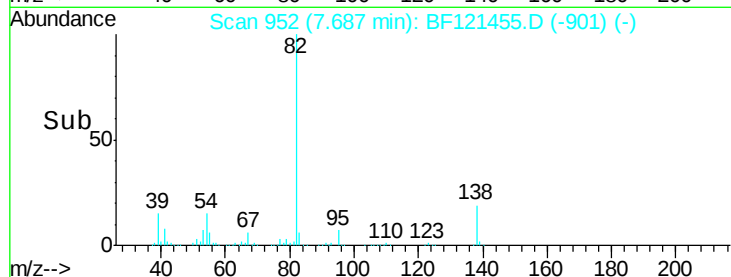
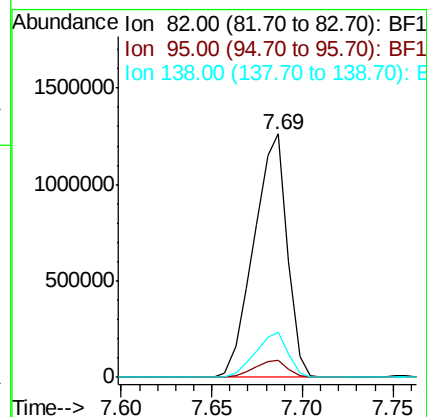
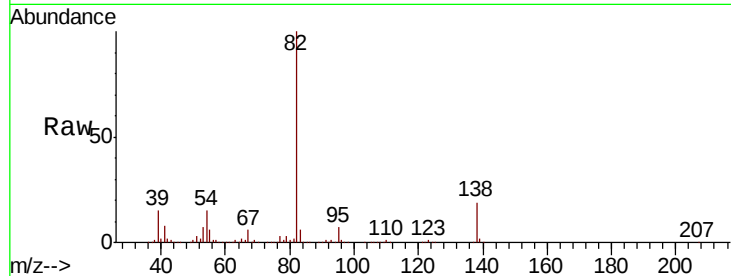
138 18.6 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.037 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

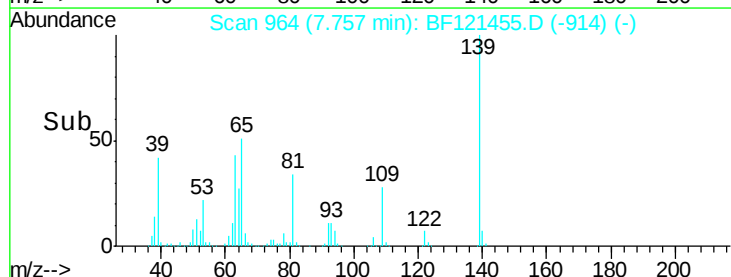
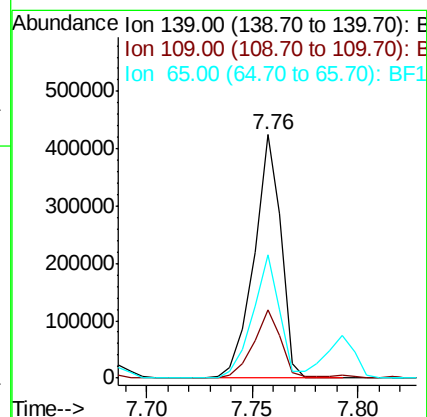
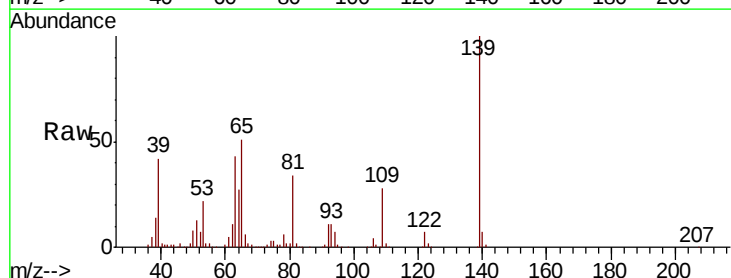
Tgt Ion: 139 Resp: 376013

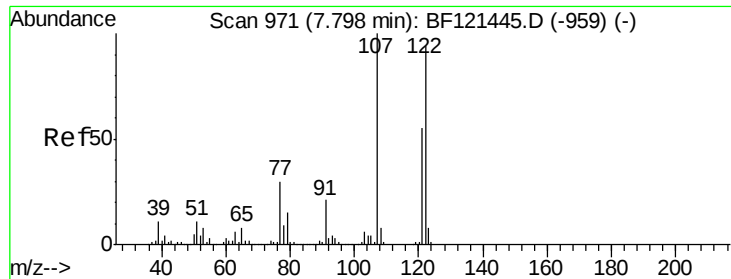
Ion Ratio Lower Upper

139 100

109 28.2 22.1 33.1

65 50.8 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 47.134 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

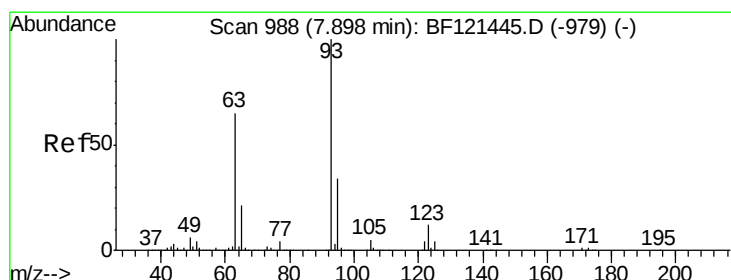
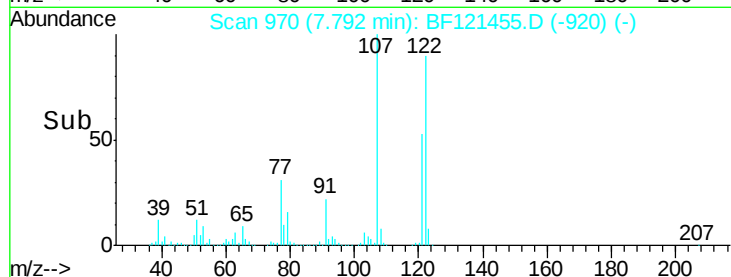
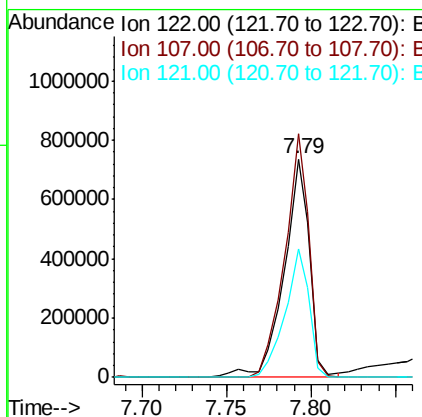
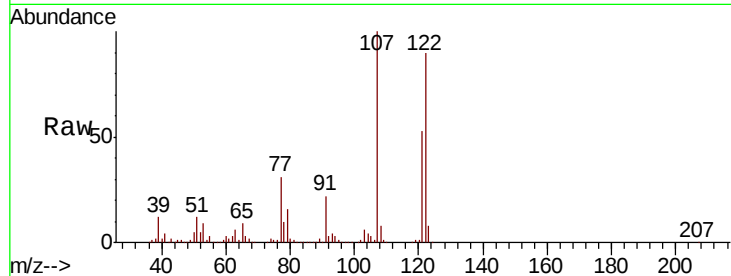
ClientSampleId :

PB131187BSD

Tot Ion:	122	Resp:	775280
Ion Ratio	Lower	Upper	
122	100		
107	111.5	84.9	127.3
121	58.7	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 38.188 ng

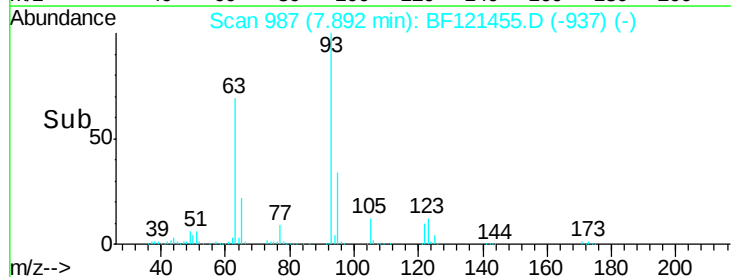
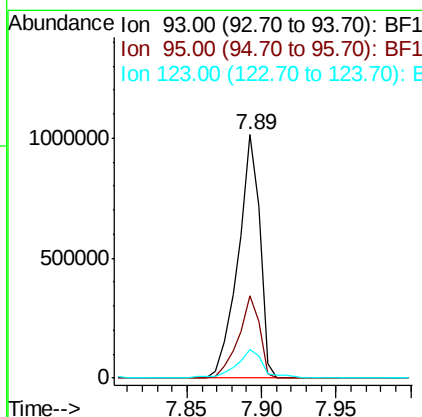
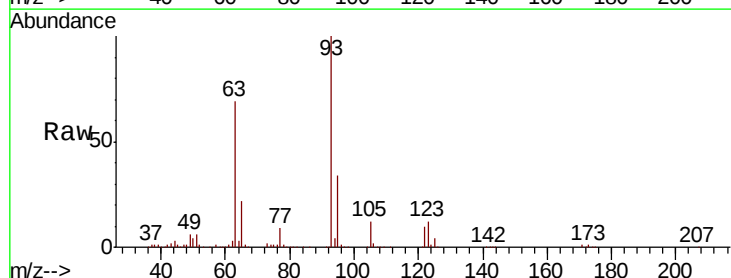
RT: 7.89 min Scan# 987

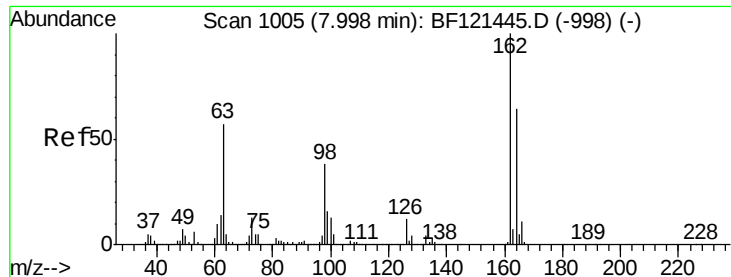
Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:	93	Resp:	1029859
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.8	40.2
123	11.7	9.6	14.4





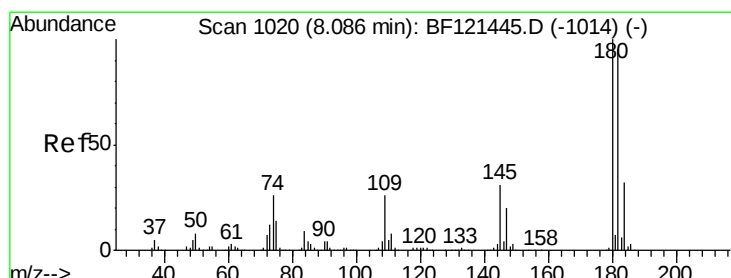
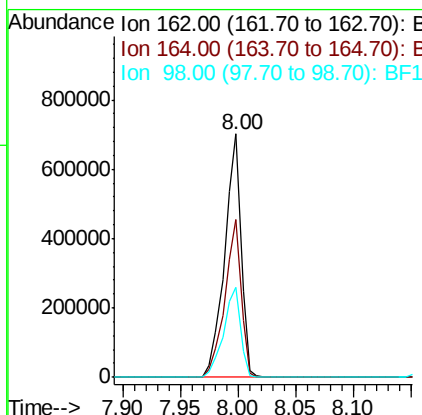
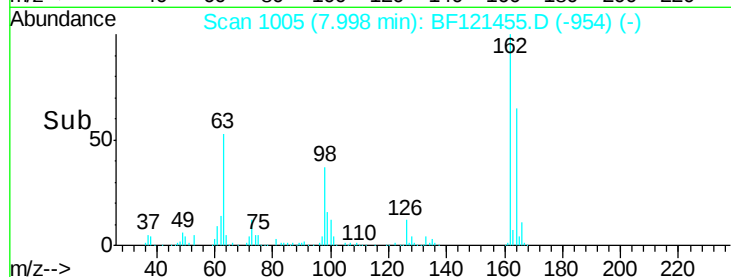
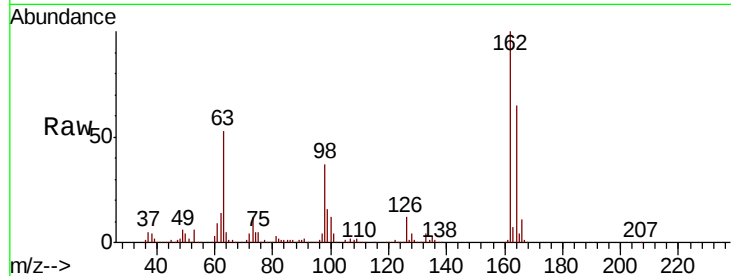
#29
2,4-Dichlorophenol
Concen: 42.706 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	693577		
164	64.6	44.0	84.0	
98	37.1	18.4	58.4	

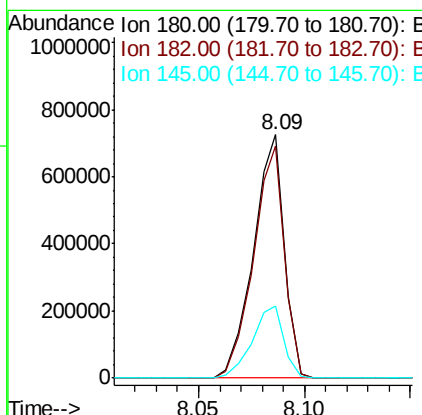
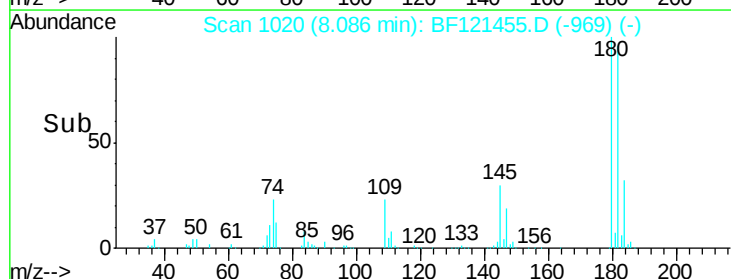
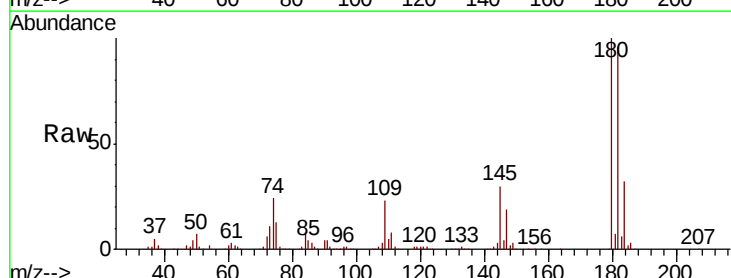
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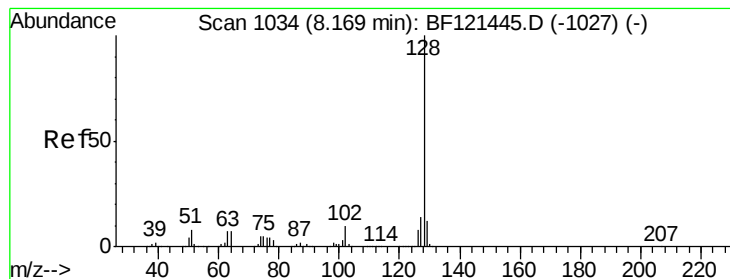
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#30
1,2,4-Trichlorobenzene
Concen: 36.892 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	733975		
182	95.6	76.2	114.4	
145	29.8	25.2	37.8	





#31

Naphthalene

Concen: 38.477 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:128 Resp: 2302673

Ion Ratio Lower Upper

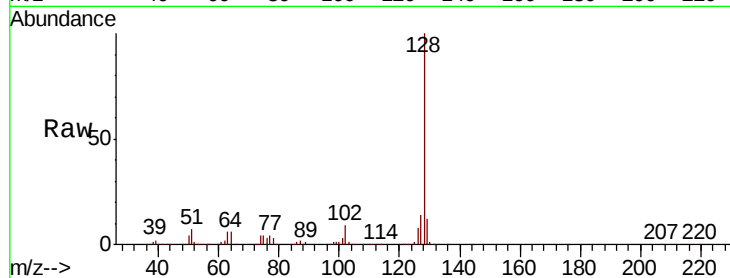
128 100

129 11.6 9.6 14.4

127 13.8 11.4 17.2

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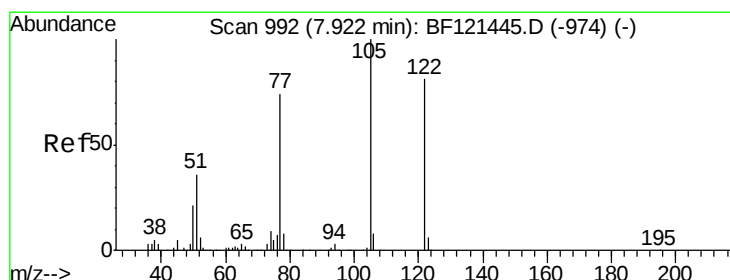
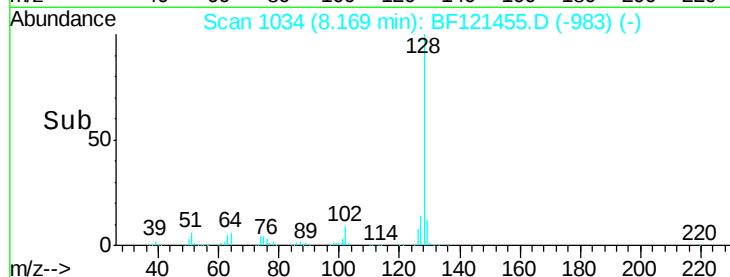
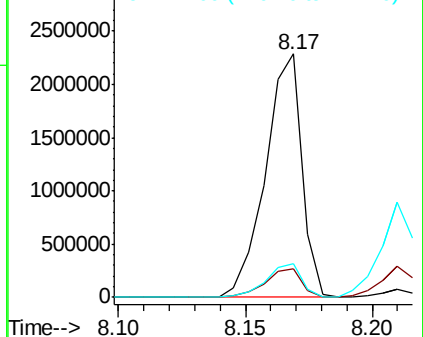


Abundance

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: 47.106 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

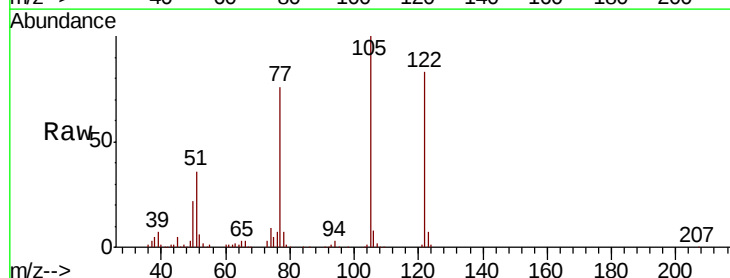
Tgt Ion:122 Resp: 478631

Ion Ratio Lower Upper

122 100

105 120.9 100.8 140.8

77 92.1 71.5 111.5

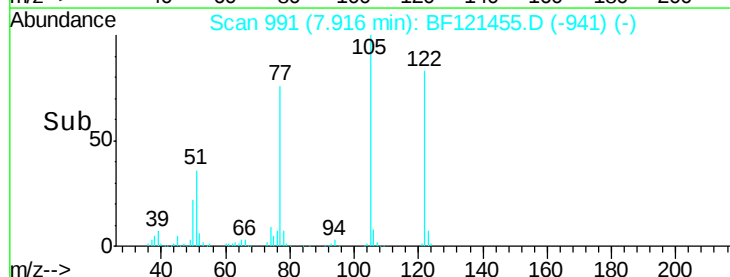
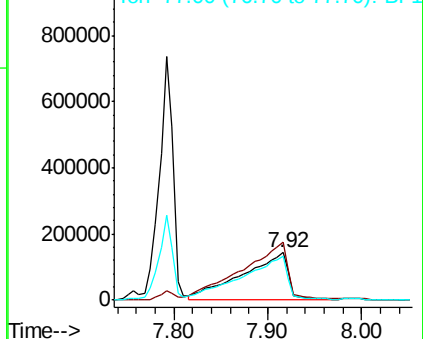


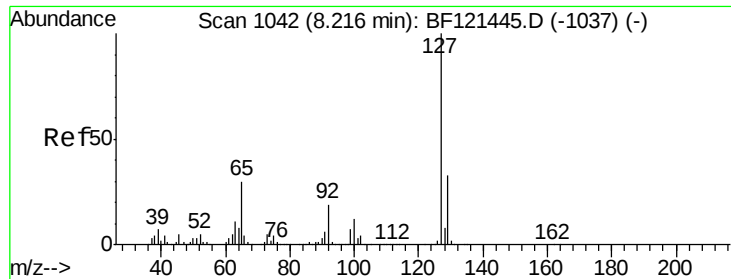
Abundance

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





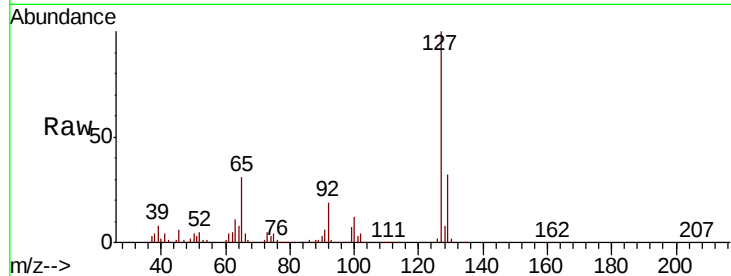
#33
4-Chloroaniline
Concen: 30.451 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

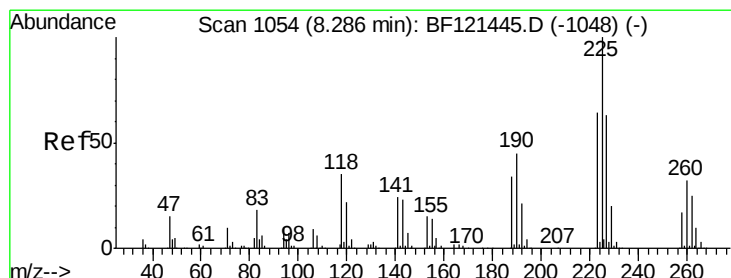
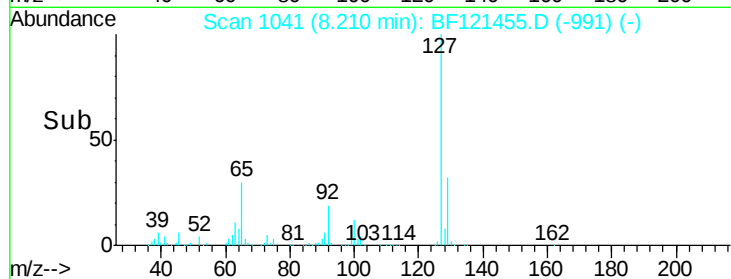
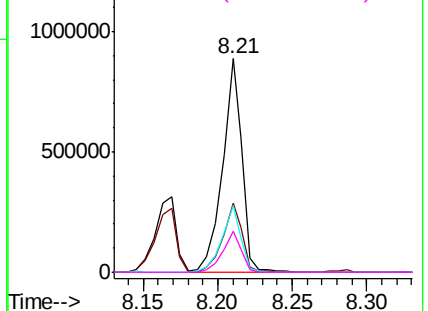
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	30.9	23.7	35.5		
92	19.0	15.0	22.6		

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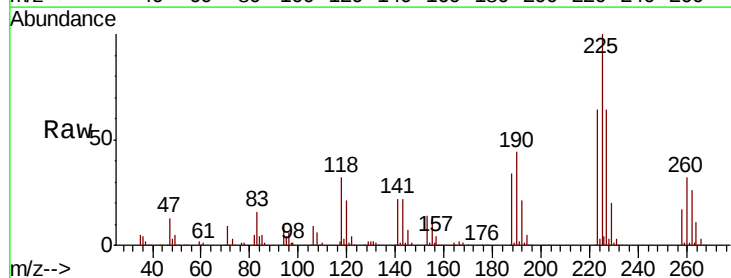


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

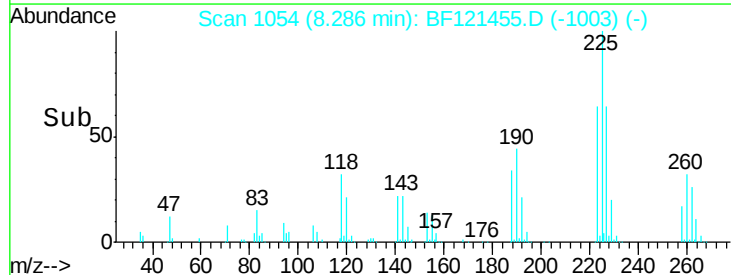
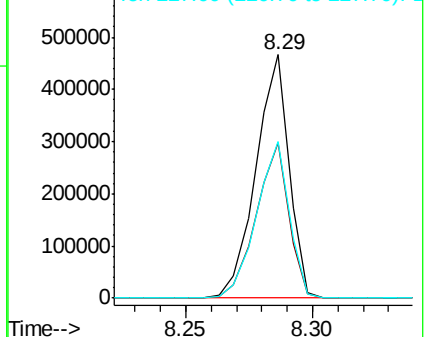


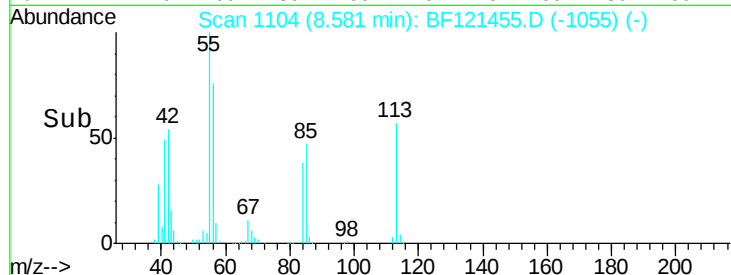
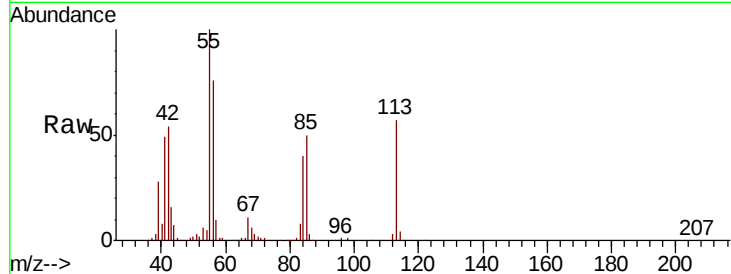
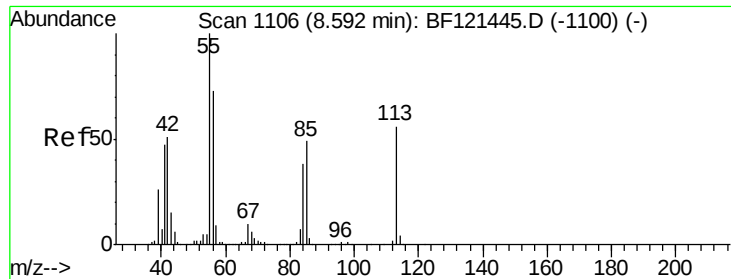
#34
Hexachlorobutadiene
Concen: 35.960 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	51.0	76.4		
227	64.1	50.0	75.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.068 ng/mL

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	176.6		159.9	199.9	
56	134.2		111.4	151.4	

Instrument :

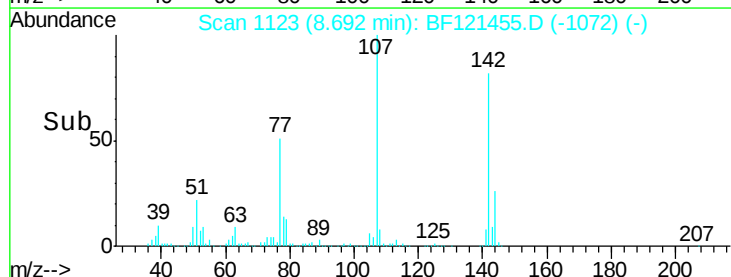
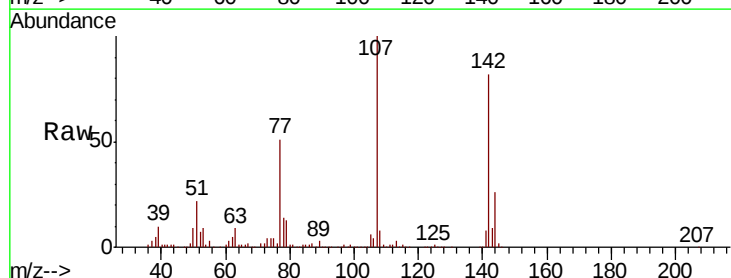
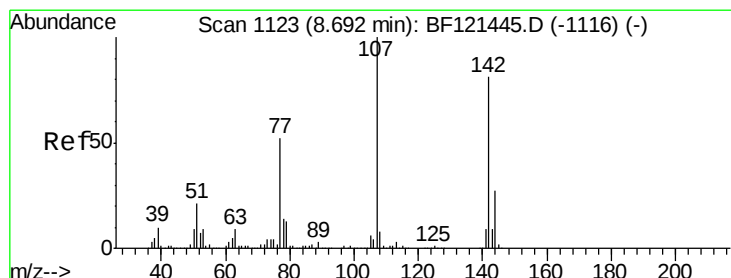
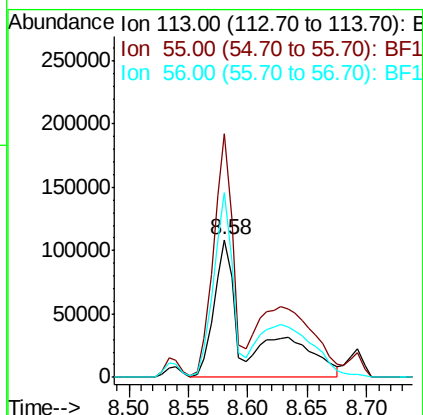
BNA_F

ClientSampleId :

PB131187BSD

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#36

4-Chloro-3-methylphenol

Concen: 42.568 ng/mL

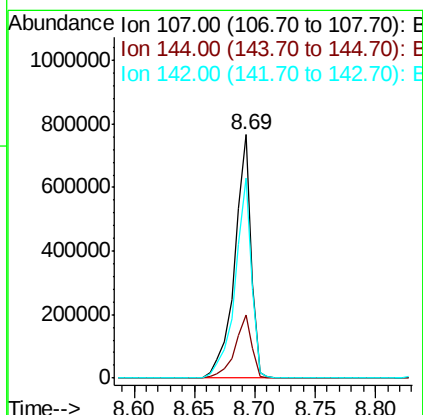
RT: 8.69 min Scan# 1123

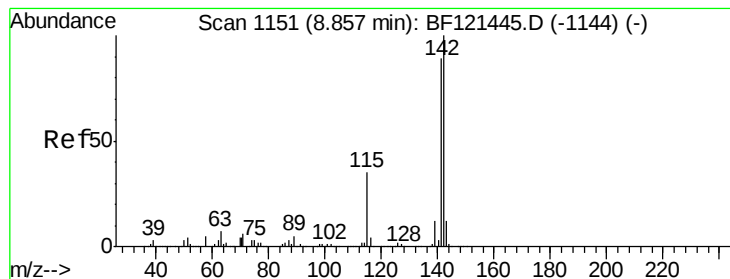
Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0		21.4	32.2	
142	82.0		65.0	97.4	





#37

2-Methylnaphthalene

Concen: 40.316 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:142 Resp: 1598521

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

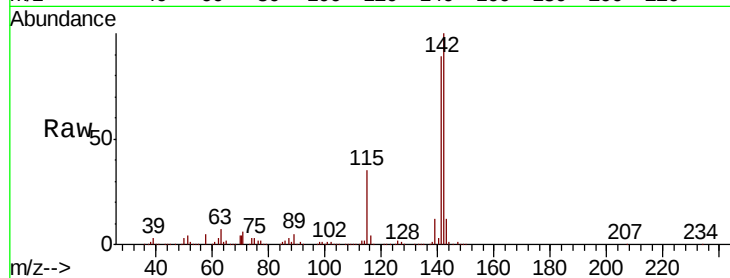
115 35.0 28.2 42.4

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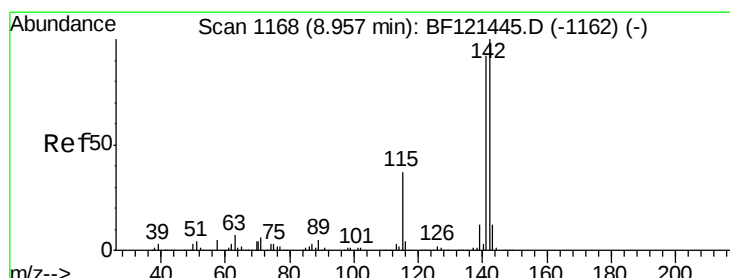
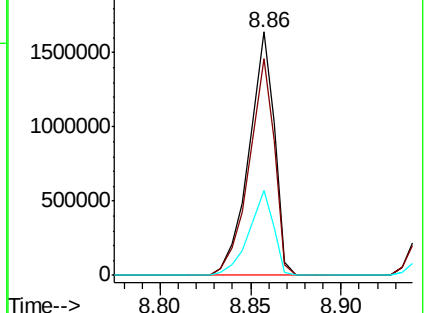
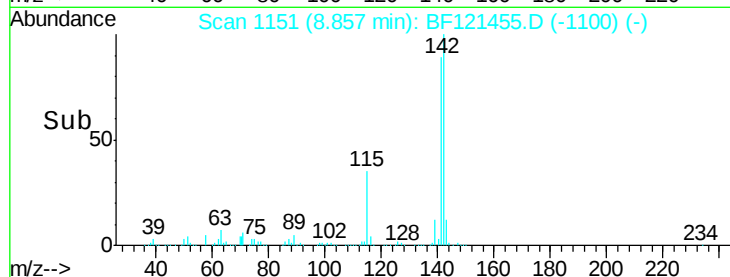
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.160 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

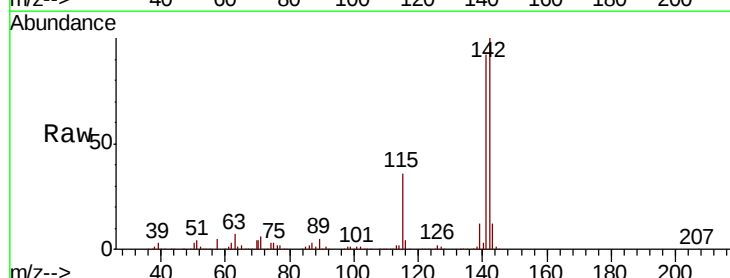
Tgt Ion:142 Resp: 1503599

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

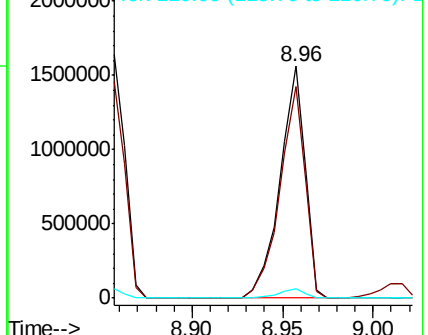
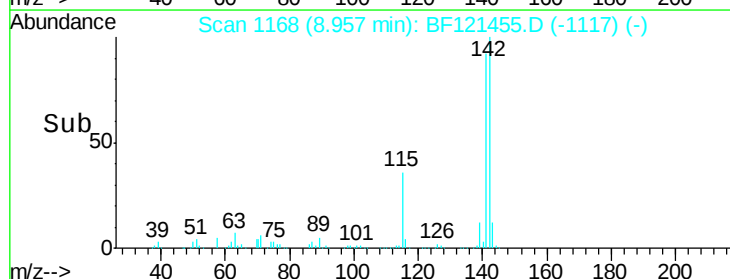
116 3.8 3.1 4.7

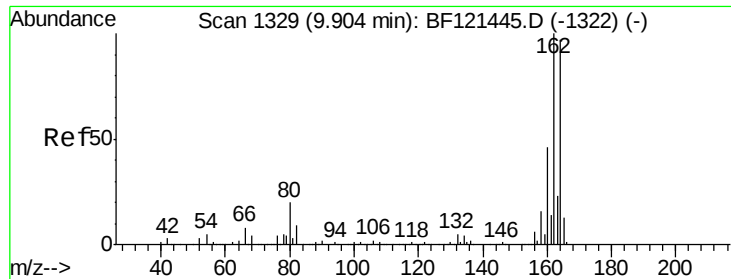


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





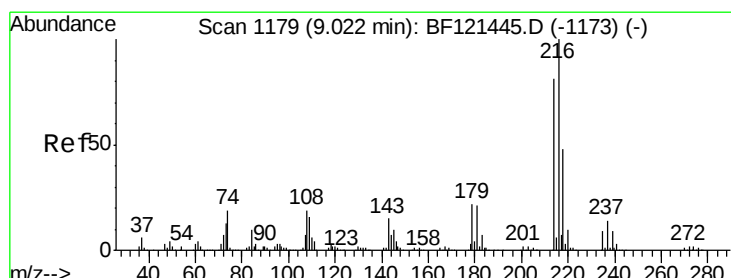
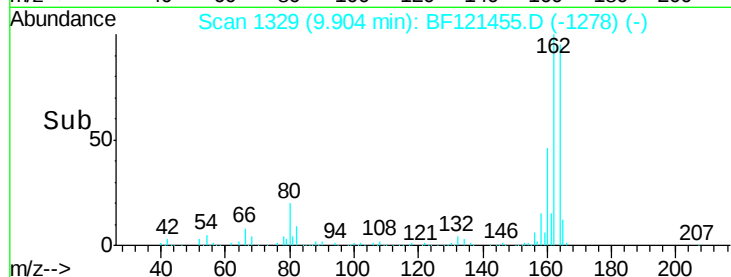
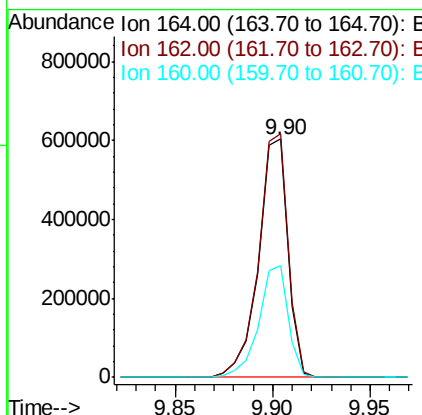
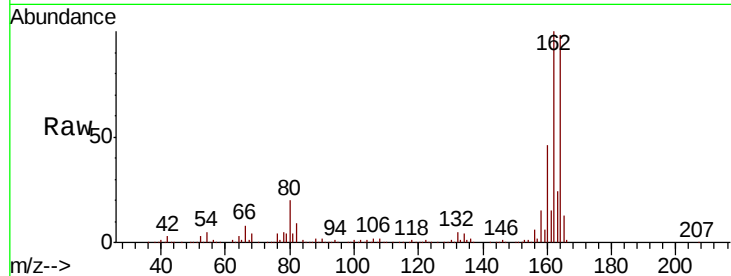
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.4	123.6	
160	46.7	37.6	56.4	

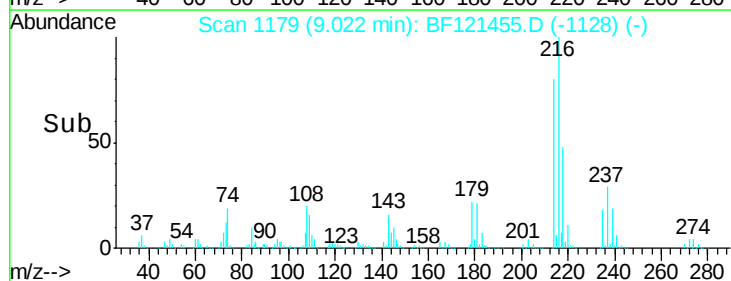
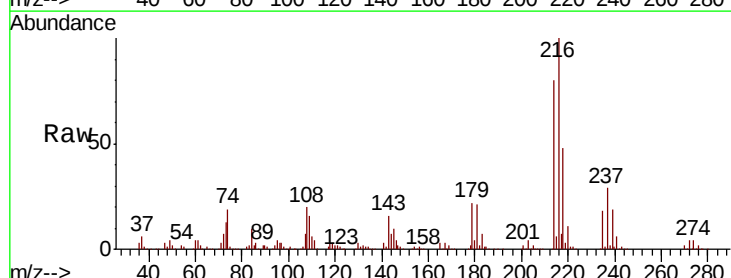
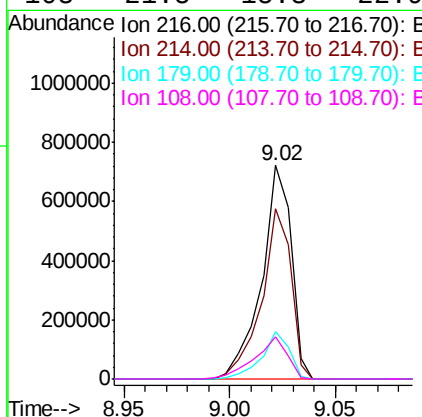
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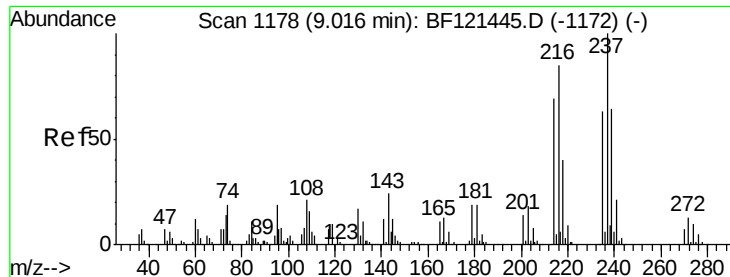
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.848 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	64.2	96.4	
179	21.0	17.0	25.4	
108	21.5	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 106.560 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

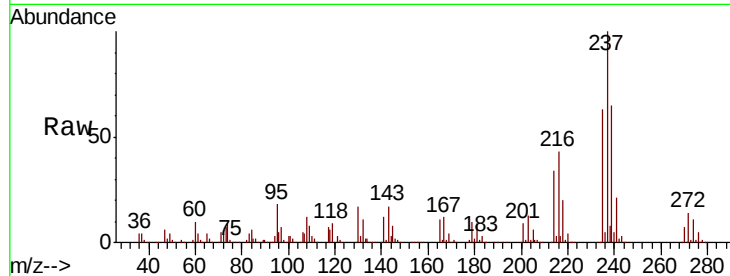
ClientSampleId :

PB131187BSD

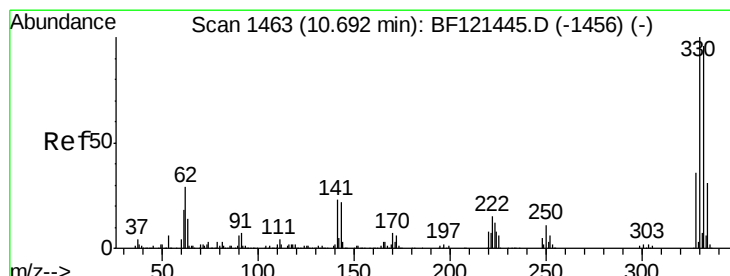
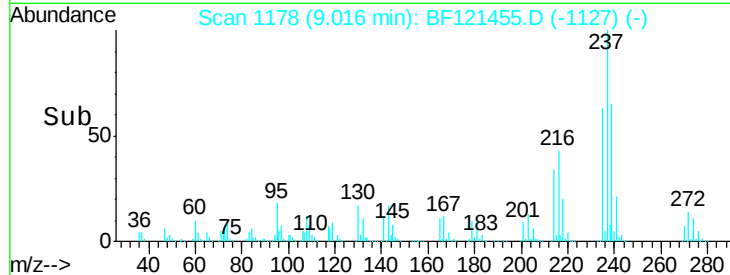
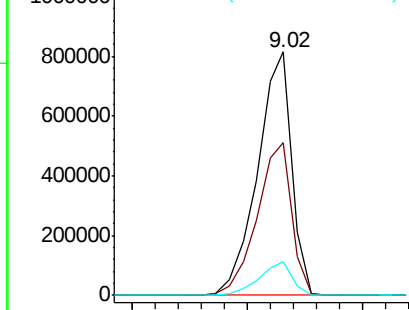
Tot Ion:	237	Resp:	837856
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.9	82.9
272	13.7	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 116.872 ng

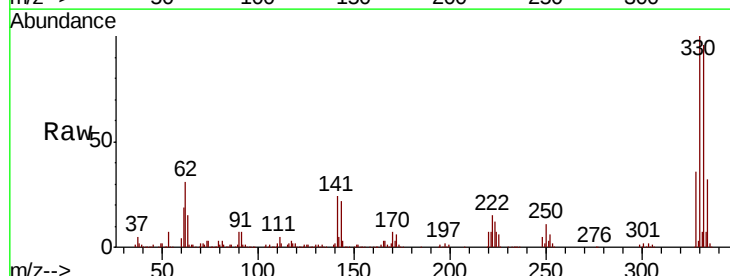
RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

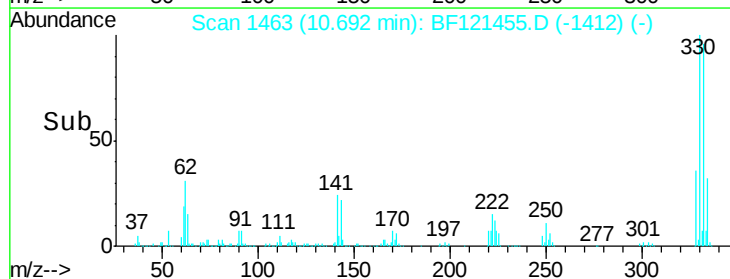
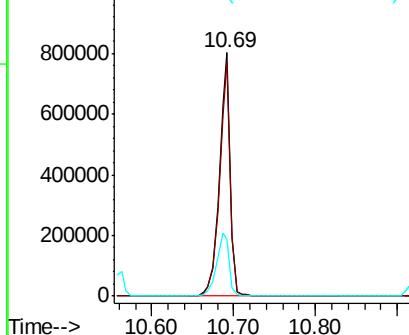
Lab File: BF121455.D

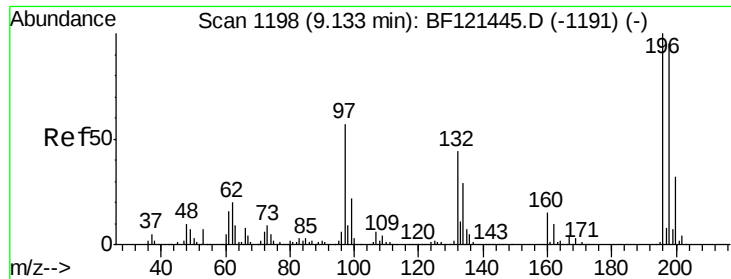
Acq: 28 Aug 2020 12:13

Tgt Ion:	330	Resp:	744582
Ion Ratio	Lower	Upper	
330	100		
332	95.5	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





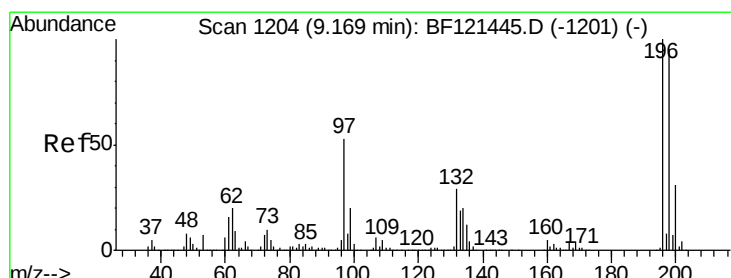
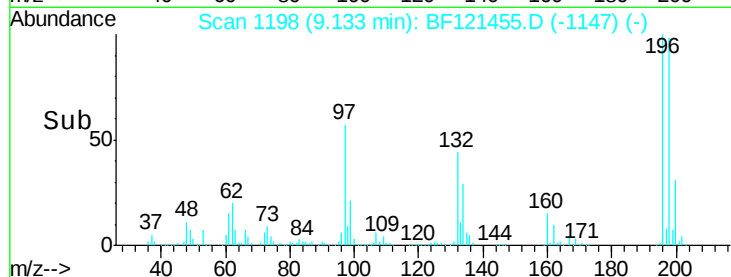
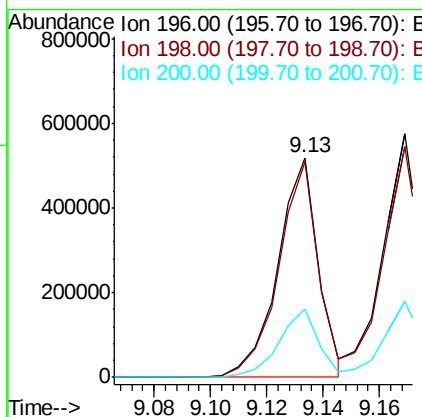
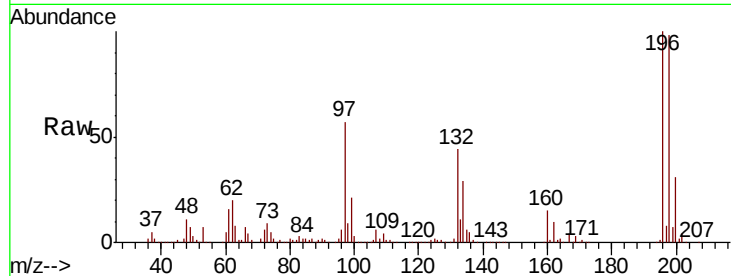
#43
 2,4,6-Trichlorophenol
 Concen: 43.398 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:196	Resp:	512871
Ion Ratio	Lower	Upper
196	100	
198	97.9	75.8 113.6
200	31.2	25.3 37.9

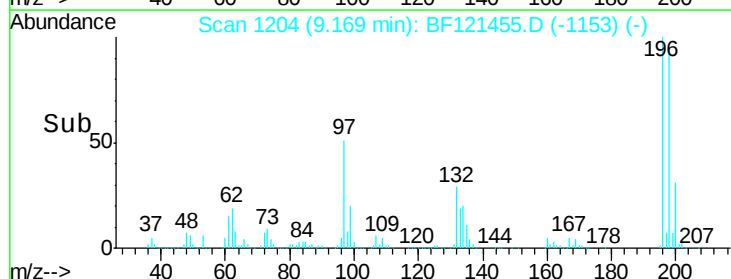
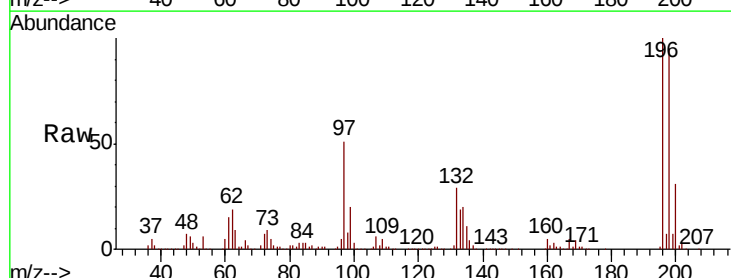
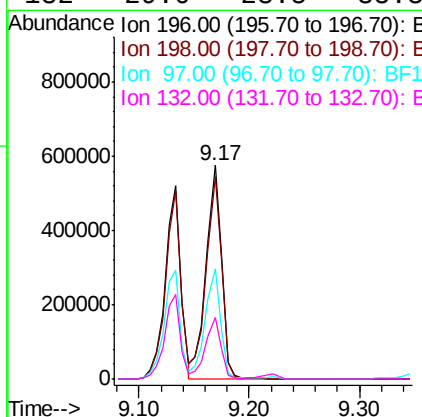
Manual Integrations
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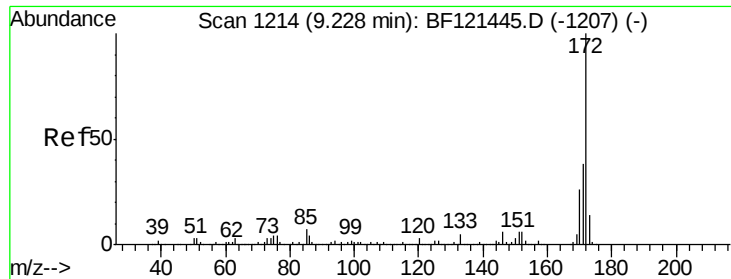
mohammad
 8/31/2020 10:27:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.428 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:196	Resp:	542558
Ion Ratio	Lower	Upper
196	100	
198	94.7	76.2 114.2
97	51.5	42.6 64.0
132	29.0	23.5 35.3





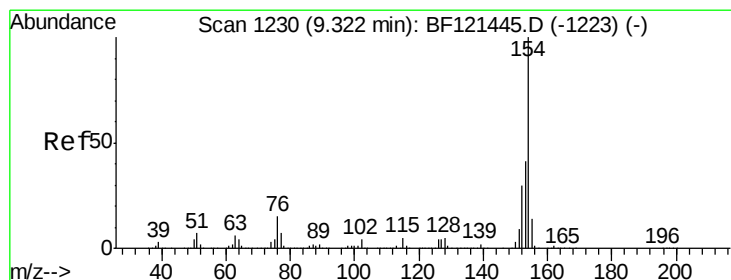
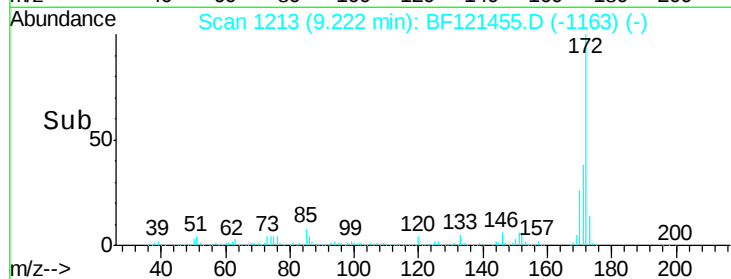
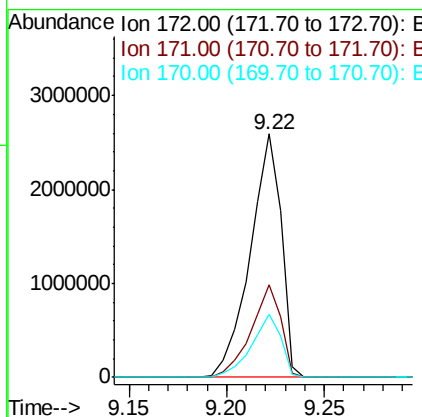
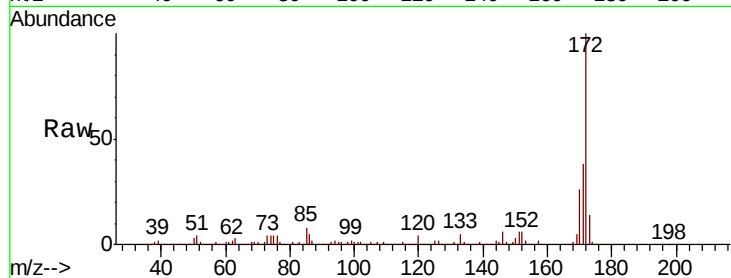
#45
 2-Fluorobiphenyl
 Concen: 72.925 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	45.8
170	26.0	20.6	31.0

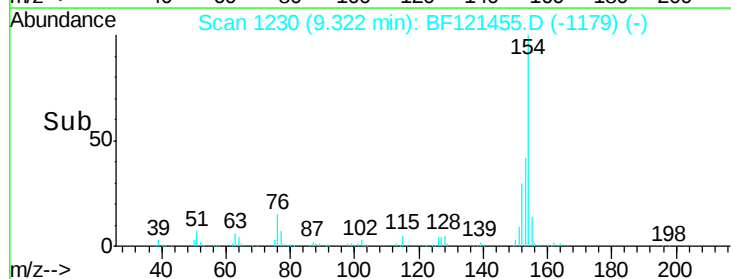
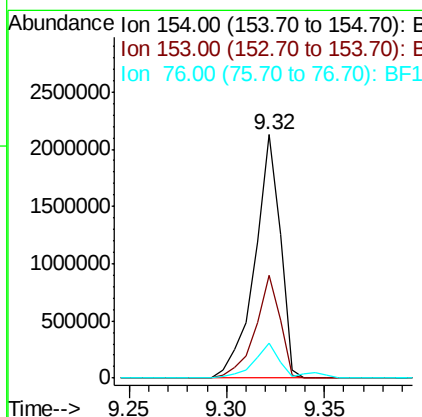
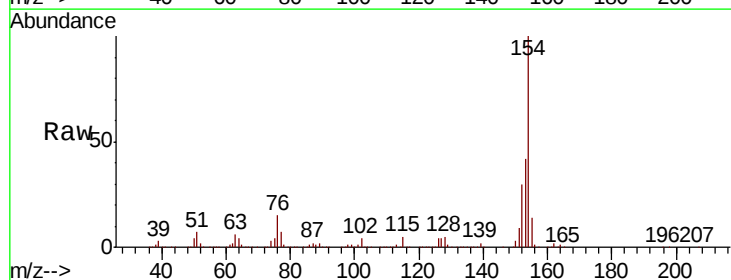
Manual Integrations
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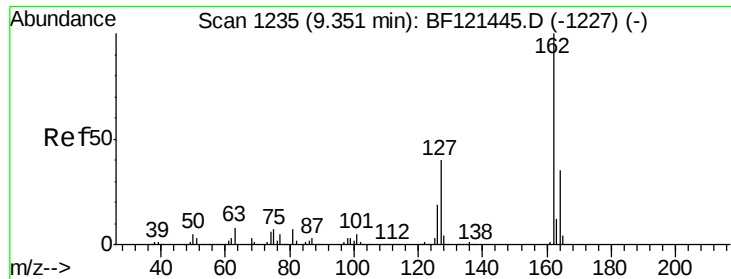
mohammad
 8/31/2020 10:27:14 AM



#46
 1,1'-Biphenyl
 Concen: 40.420 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	14.6	0.0	35.2





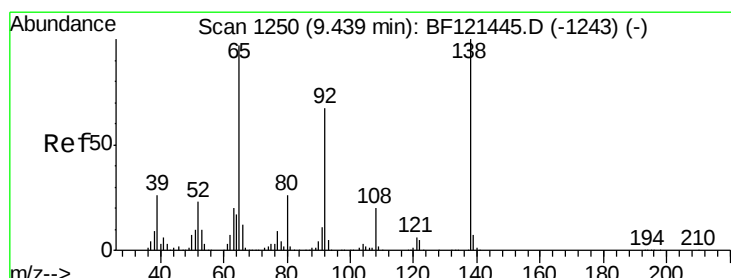
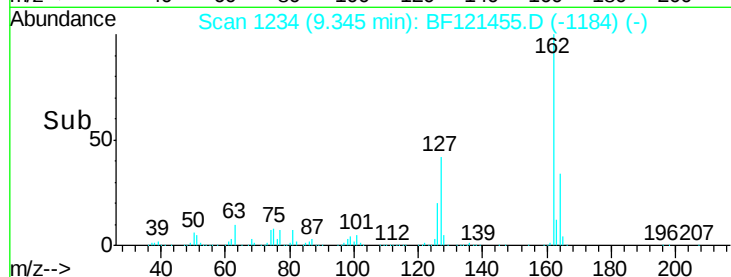
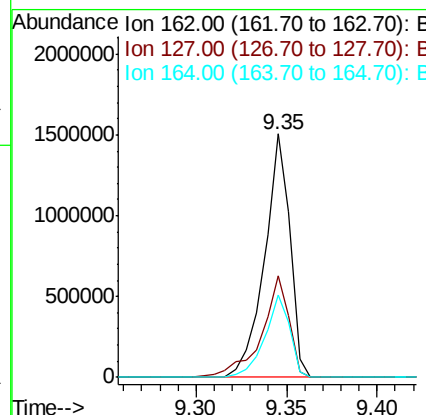
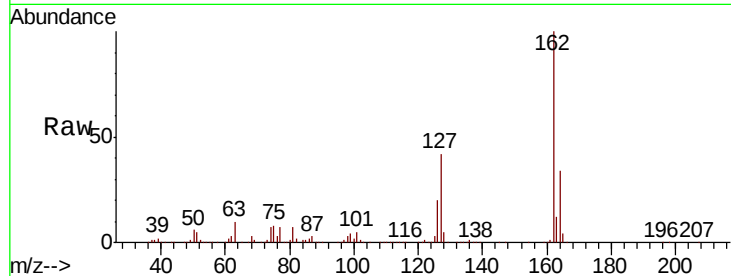
#47
2-Chloronaphthalene
Concen: 37.402 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	33.9	27.8	41.6

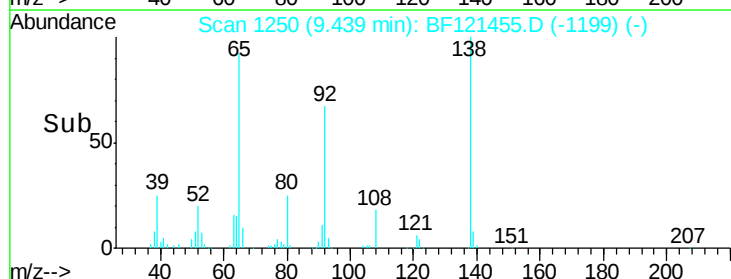
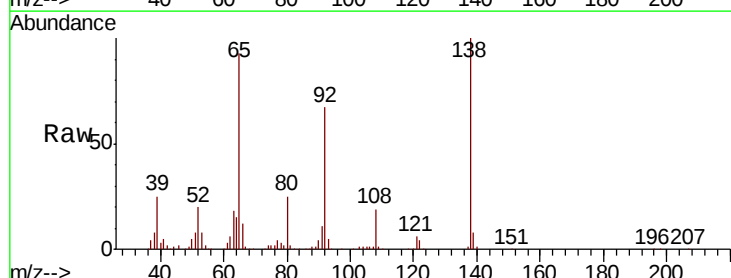
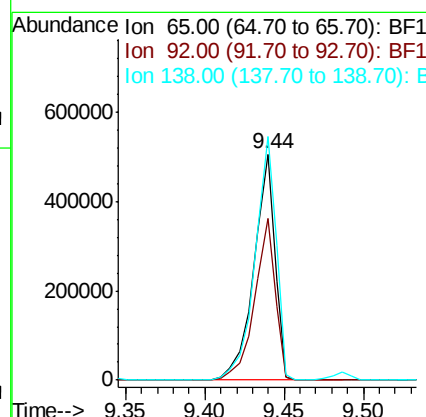
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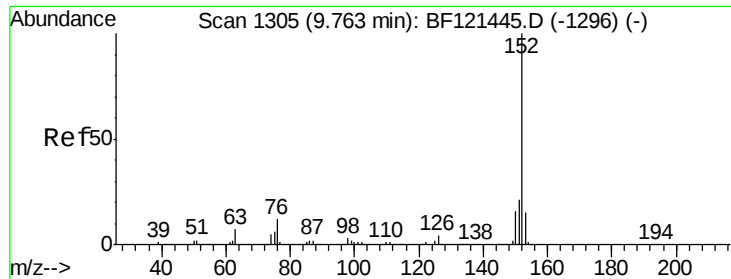
mohammad
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#48
2-Nitroaniline
Concen: 43.236 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.6	83.4
138	107.8	82.9	124.3





#49

Acenaphthylene

Concen: 40.662 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:152 Resp: 2386124

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

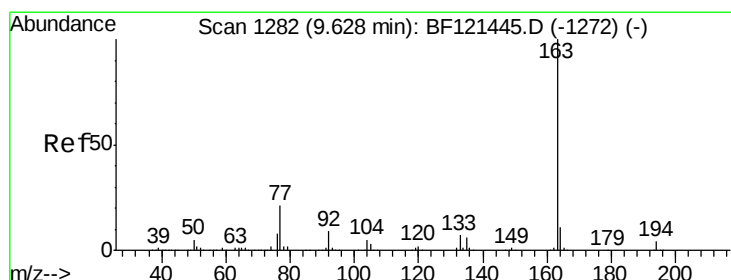
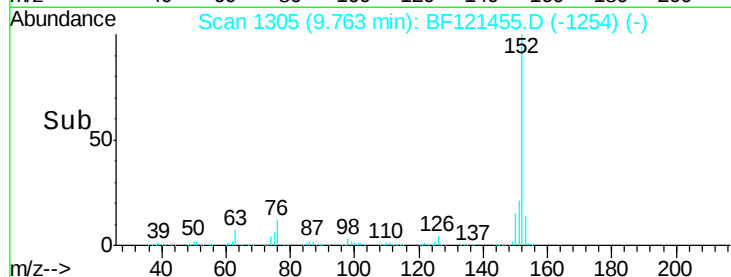
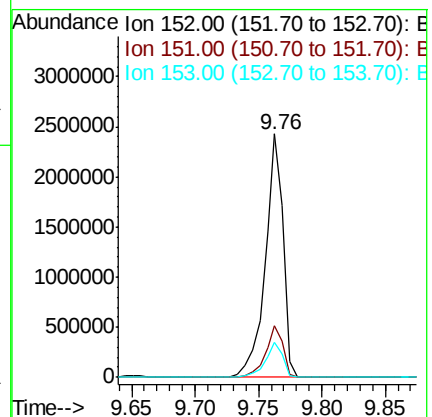
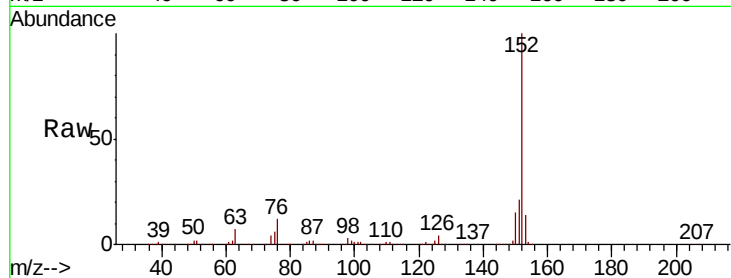
153 14.1 11.6 17.4

Manual Integrations

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#50

Dimethylphthalate

Concen: 40.158 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

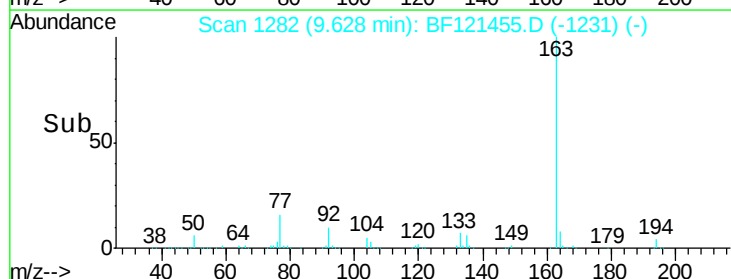
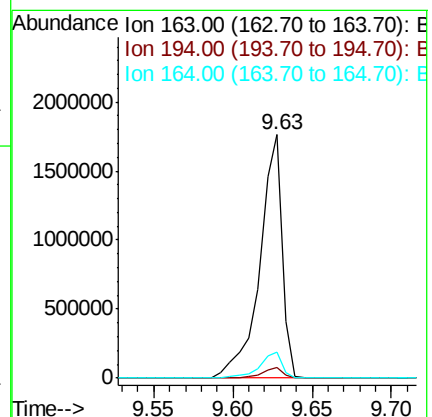
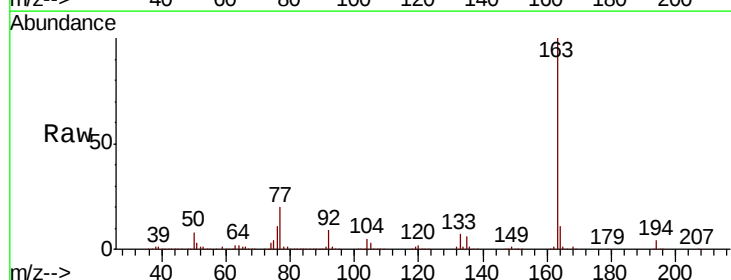
Tgt Ion:163 Resp: 1739921

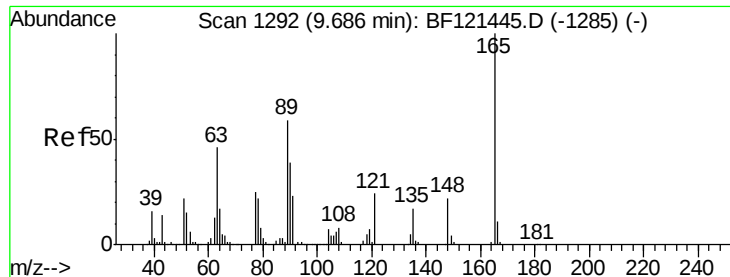
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.5 8.6 12.8





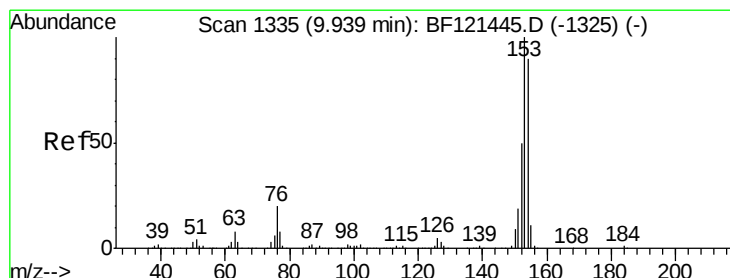
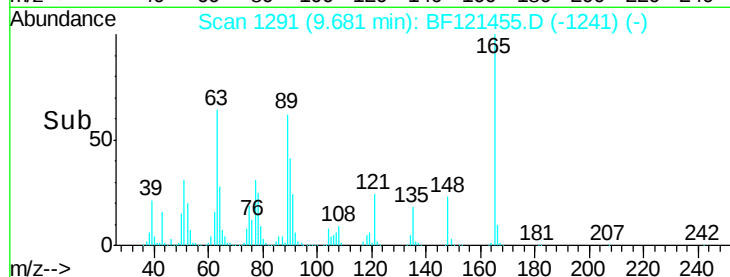
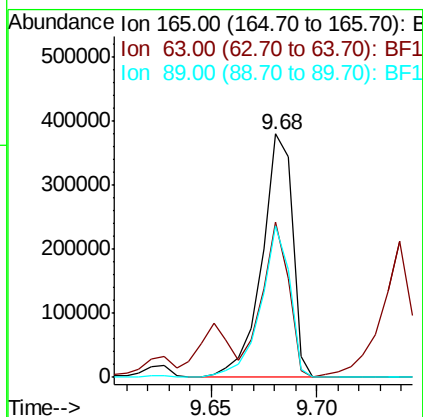
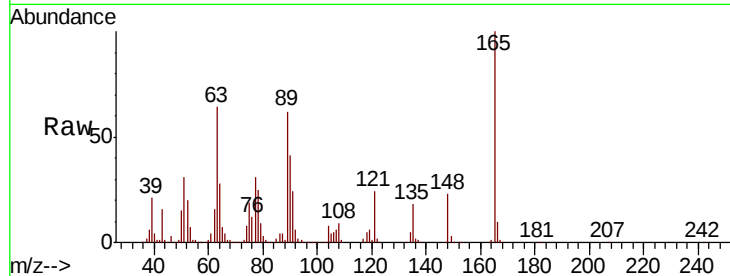
#51
2,6-Dinitrotoluene
Concen: 47.227 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	382526		
63	63.7	43.6	65.4	
89	62.4	47.4	71.2	

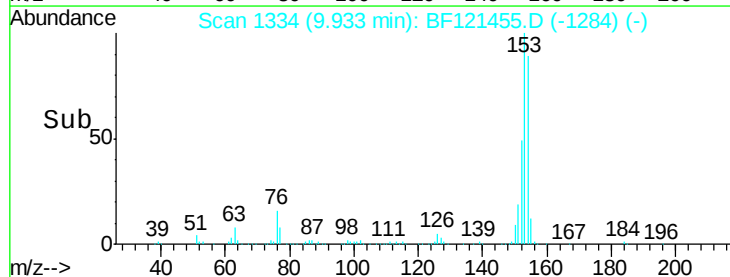
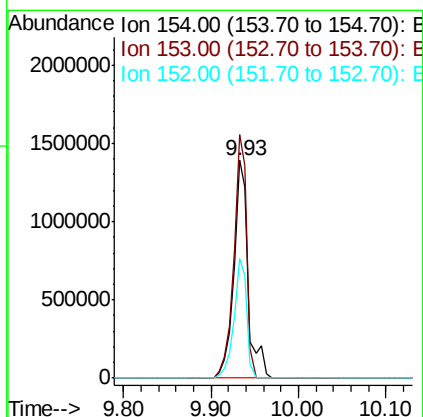
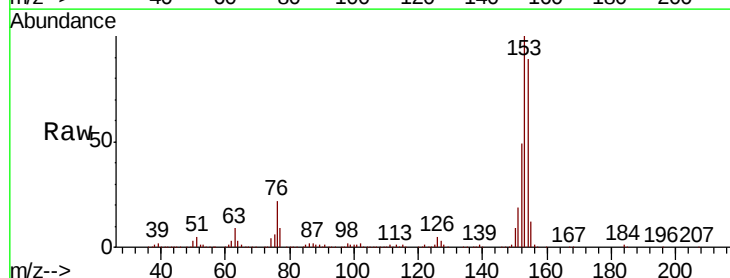
Manual Integrations
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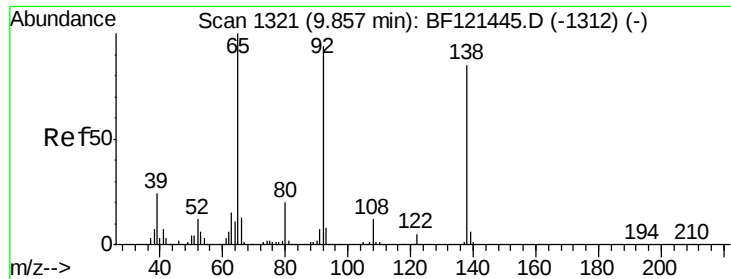
mohammad
8/31/2020 10:27:14 AM



#52
Acenaphthene
Concen: 42.270 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1566285		
153	111.9	88.9	133.3	
152	54.8	44.1	66.1	





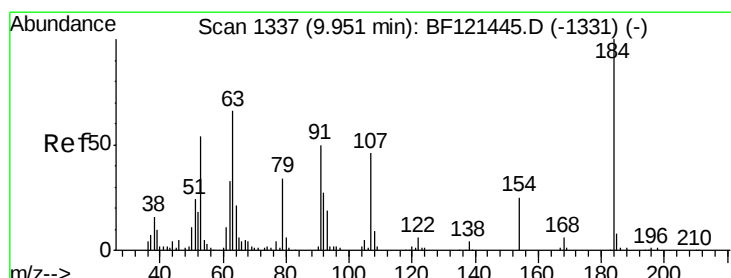
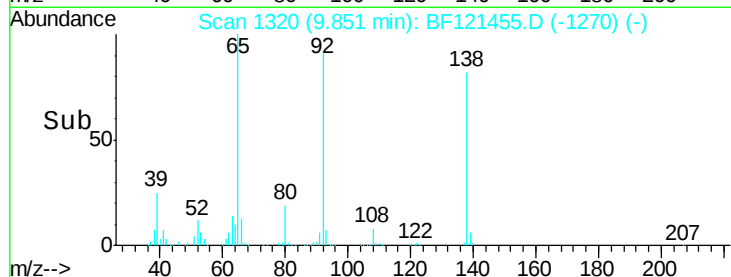
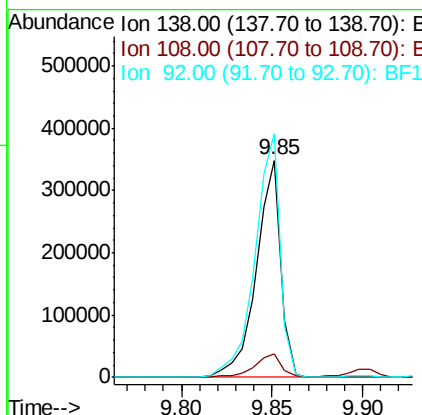
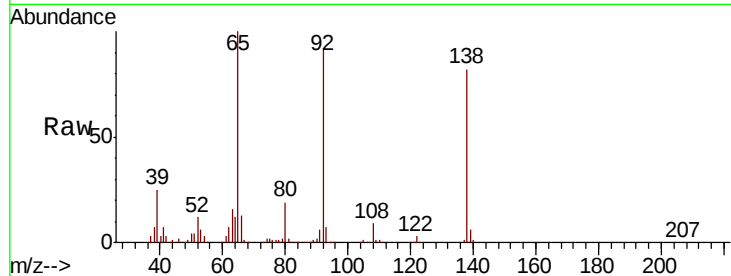
#53
3-Nitroaniline
Concen: 33.418 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	11.6	17.4#
92	112.3	88.6	132.8

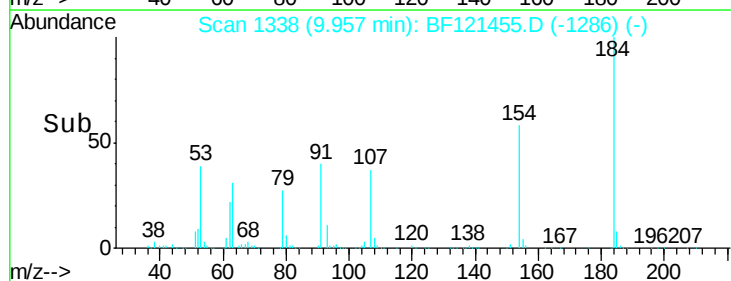
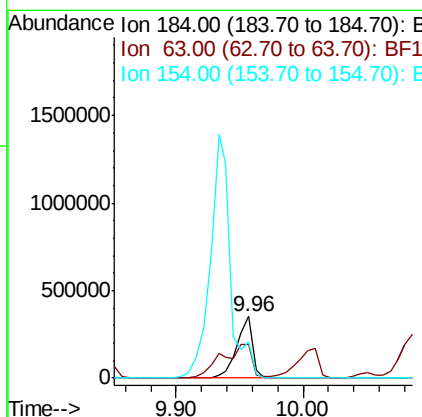
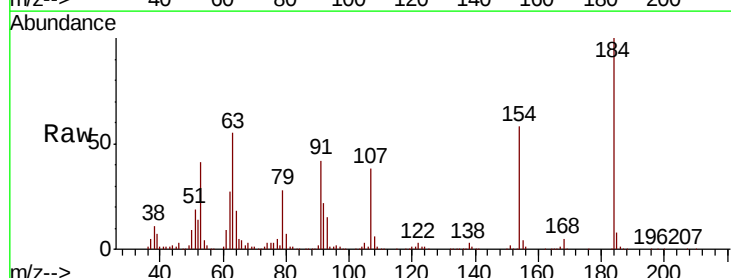
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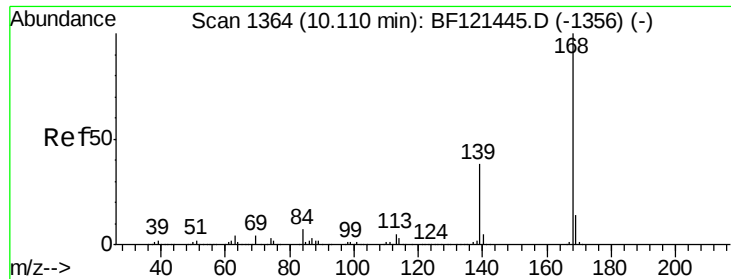
mohammad
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#54
2,4-Dinitrophenol
Concen: 79.799 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	56.8	85.2#
154	58.0	55.9	83.9





#55

Dibenzofuran

Concen: 39.858 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:168 Resp: 2145354

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

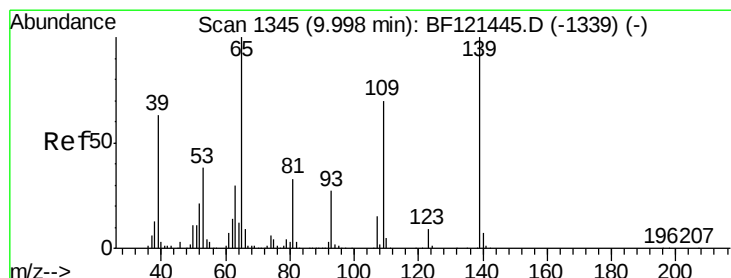
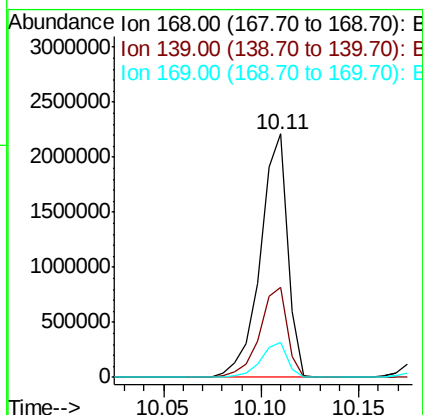
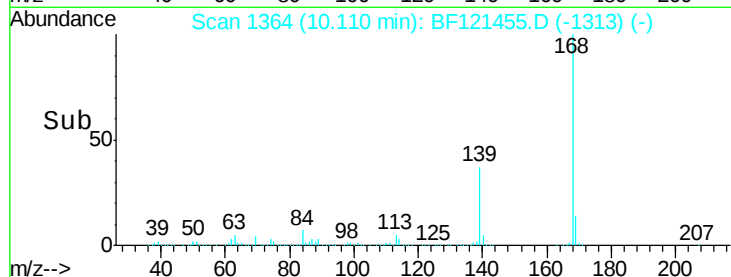
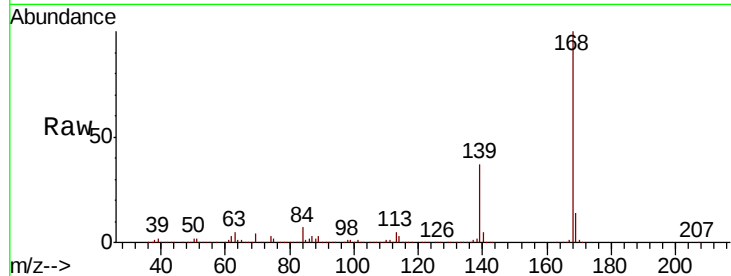
169 14.2 11.2 16.8

Manual Integrations

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#56

4-Nitrophenol

Concen: 81.935 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

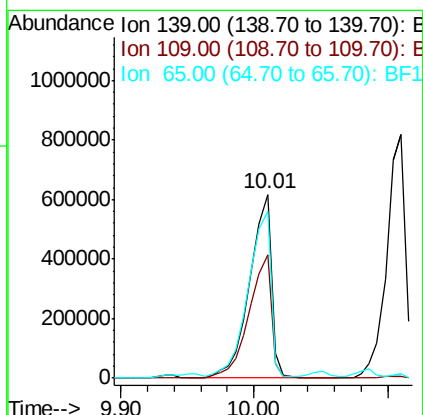
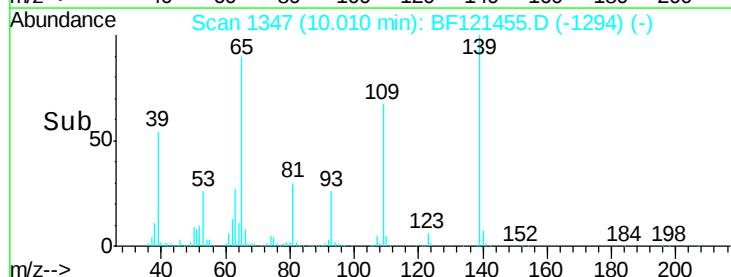
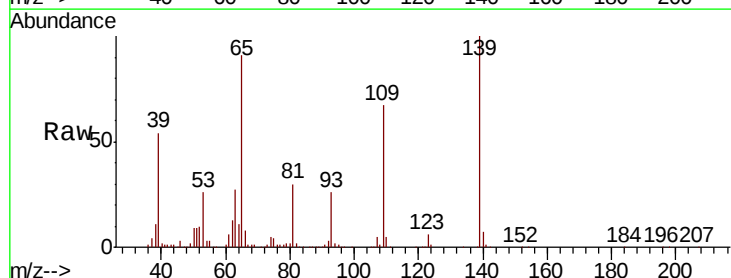
Tgt Ion:139 Resp: 687192

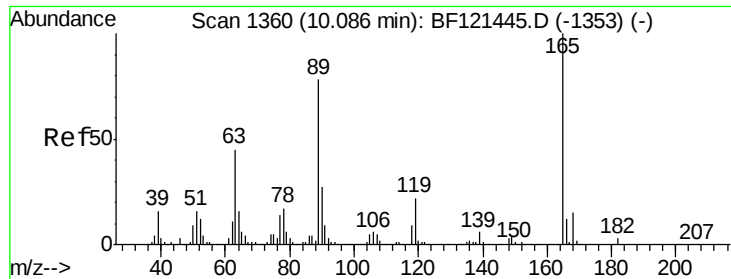
Ion Ratio Lower Upper

139 100

109 66.9 50.5 90.5

65 90.6 80.2 120.2





#57

2,4-Dinitrotoluene

Concen: 48.168 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

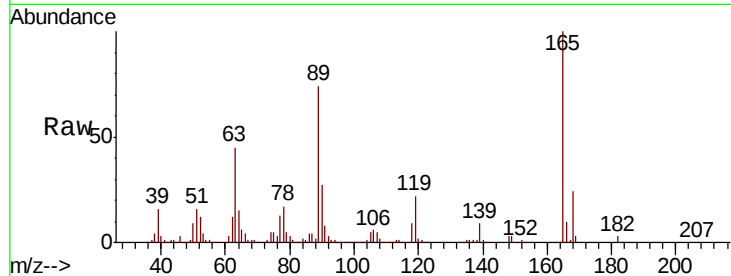
ClientSampleId :

PB131187BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		481796		
63	44.9	36.0	54.0		
89	74.5	62.6	93.8		
182	2.5	2.2	3.2		

Manual Integrations
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mohammad
8/31/2020 10:27:14 AM

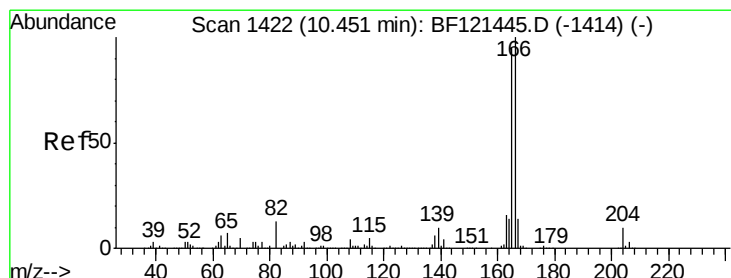
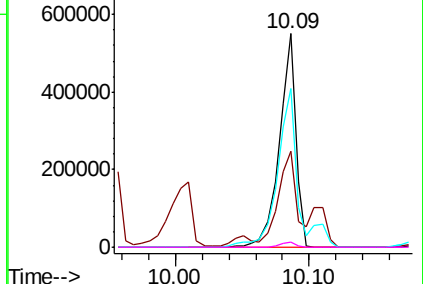
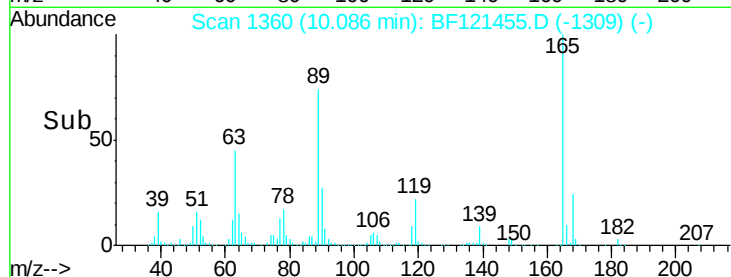


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.487 ng

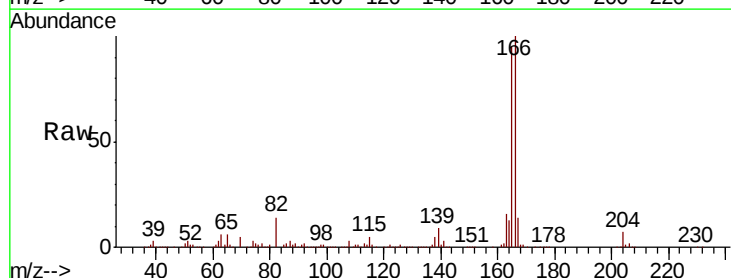
RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

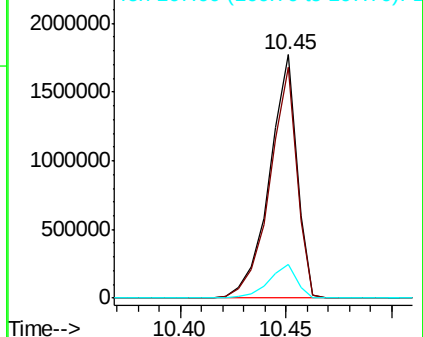
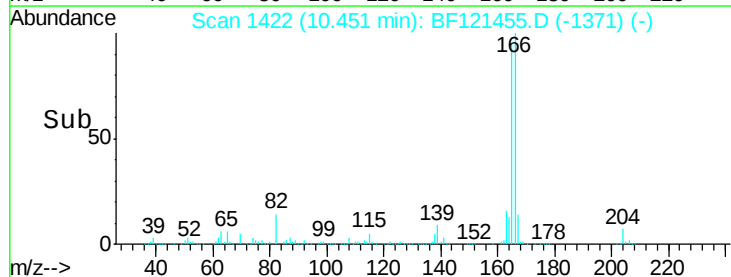
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1602227		
165	94.9	75.7	113.5		
167	13.8	11.1	16.7		



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





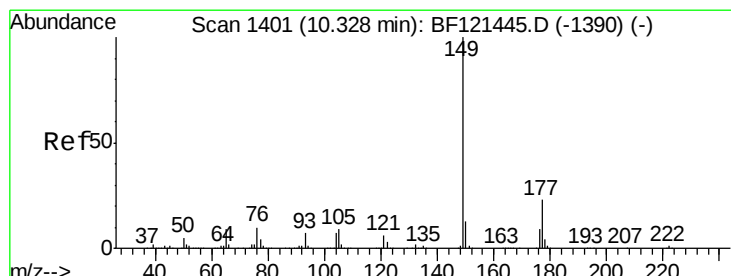
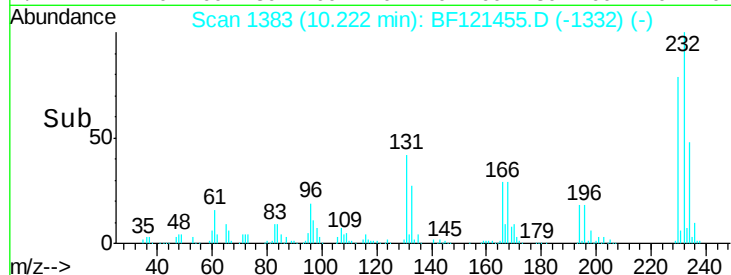
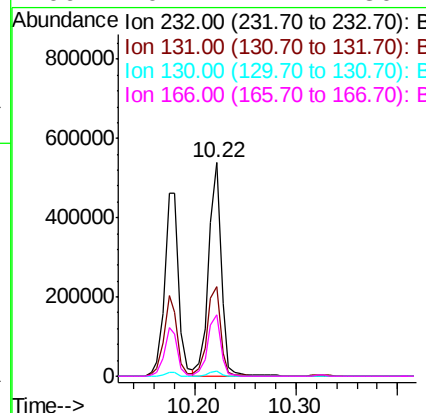
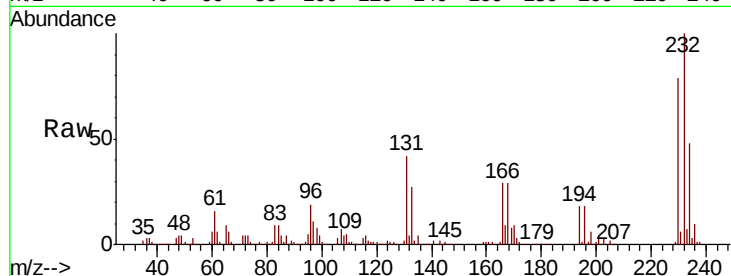
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.064 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.7	53.5
130	2.2	1.8	2.6
166	29.7	24.1	36.1

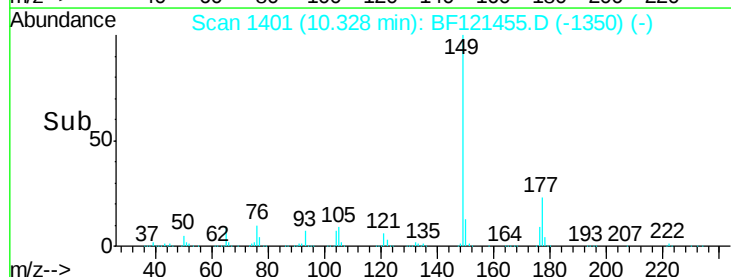
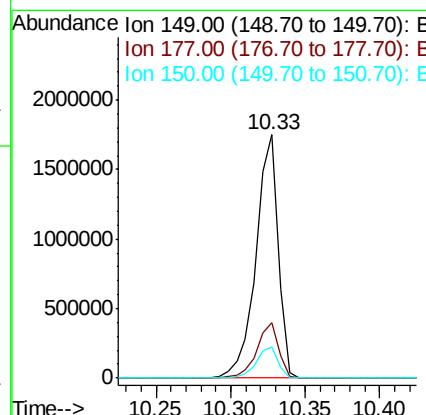
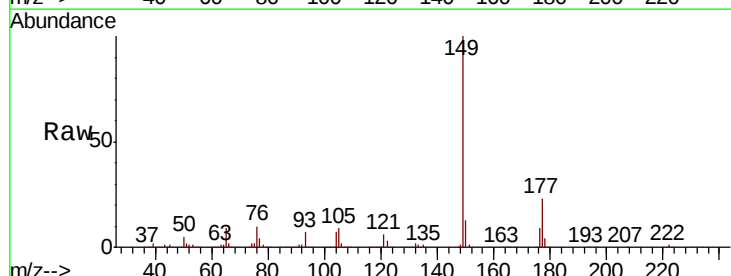
Manual Integrations
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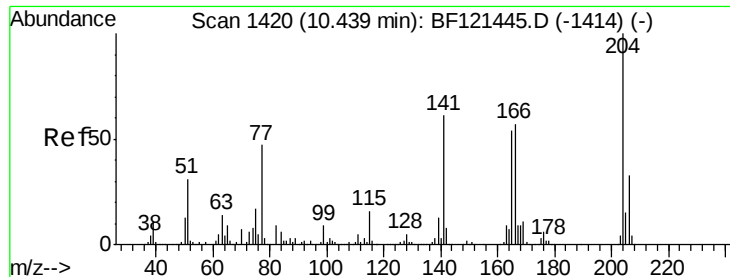
mohammad
 8/31/2020 10:27:14 AM



#60
 Diethylphthalate
 Concen: 41.085 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

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





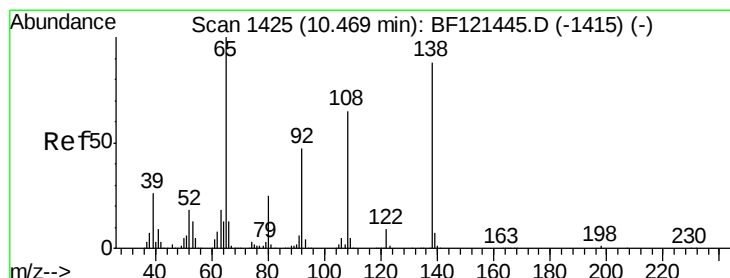
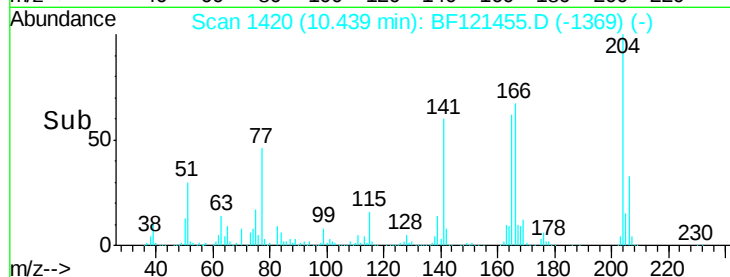
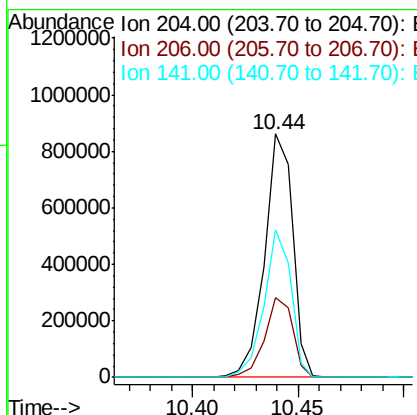
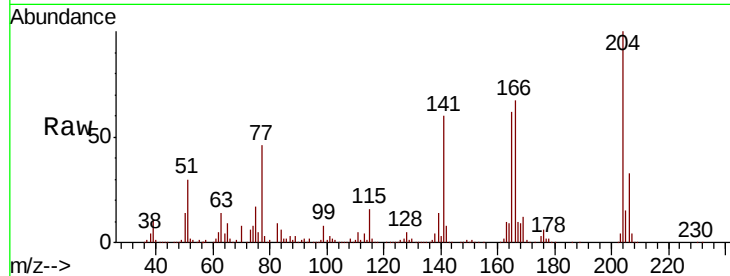
#61
 4-Chlorophenyl-phenylether
 Concen: 39.354 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:	204	Resp:	800059
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.3	39.5
141	60.5	48.7	73.1

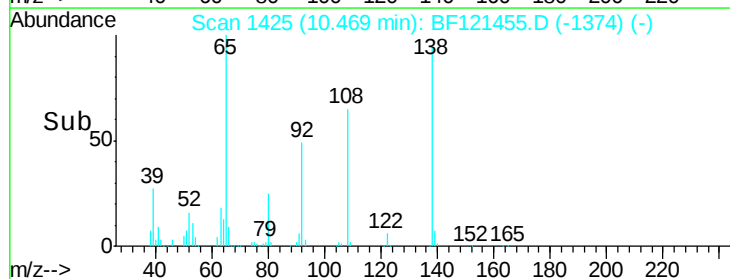
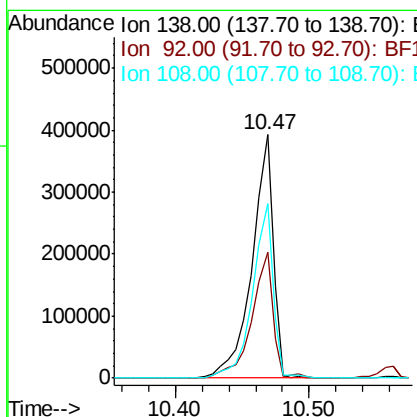
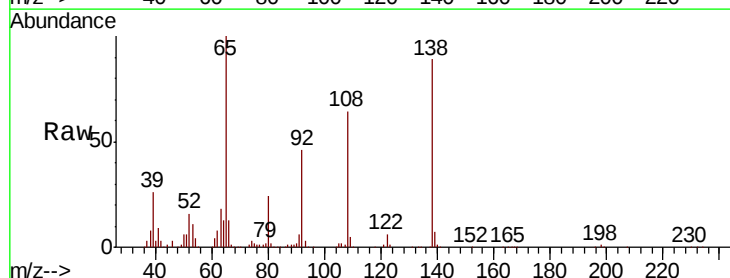
Manual Integrations
 APPROVED

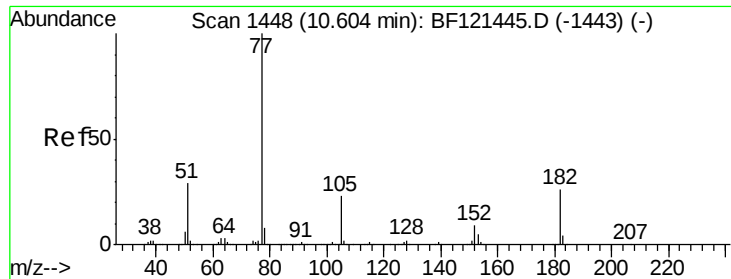
mohammad
 8/31/2020 10:27:14 AM



#62
 4-Nitroaniline
 Concen: 40.955 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:	138	Resp:	425833
Ion Ratio	Lower	Upper	
138	100		
92	51.6	33.2	73.2
108	71.6	53.6	93.6





#63

Azobenzene

Concen: 40.677 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion: 77 Resp: 1751032

Ion Ratio Lower Upper

77 100

182 27.4 6.2 46.2

105 22.9 3.3 43.3

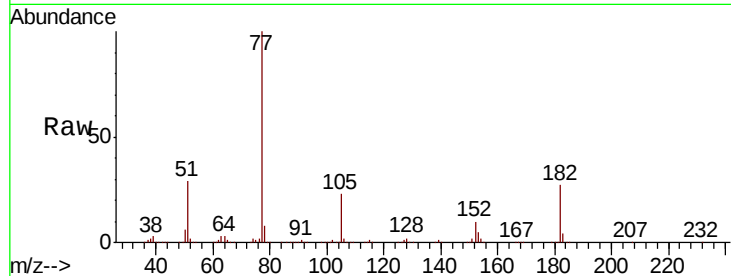
51 29.0 9.5 49.5

Manual Integrations

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mohammad

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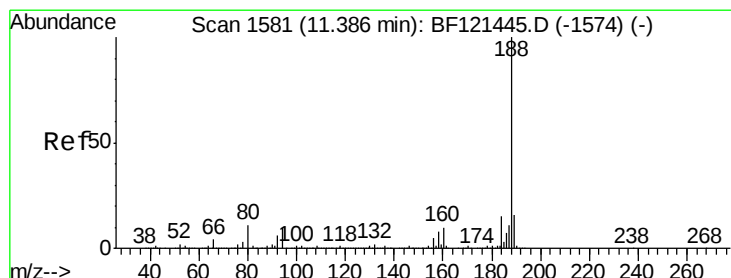
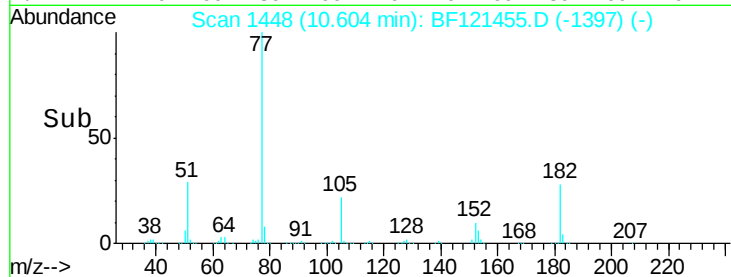
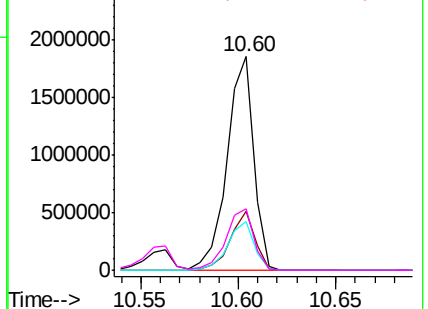


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF121455.D

Acq: 28 Aug 2020 12:13

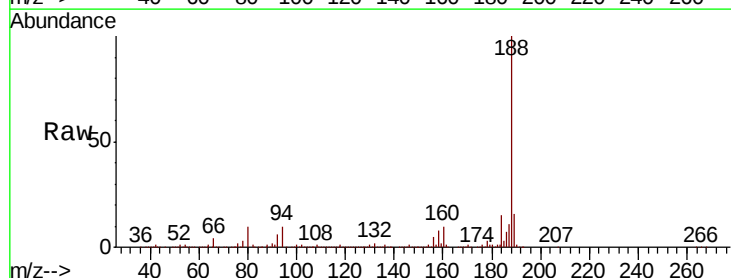
Tgt Ion: 188 Resp: 1201233

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

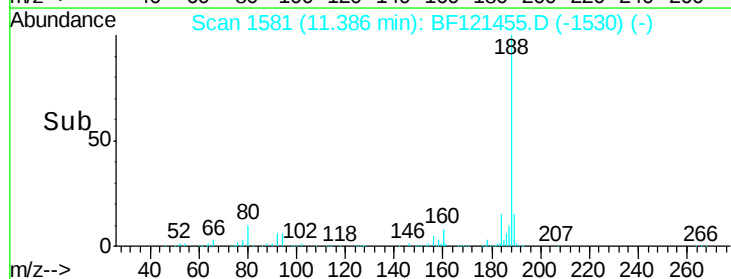
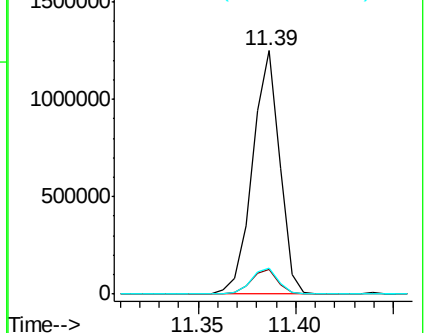
80 10.5 8.6 13.0

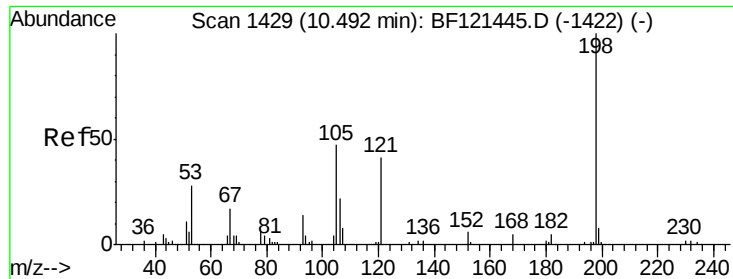


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





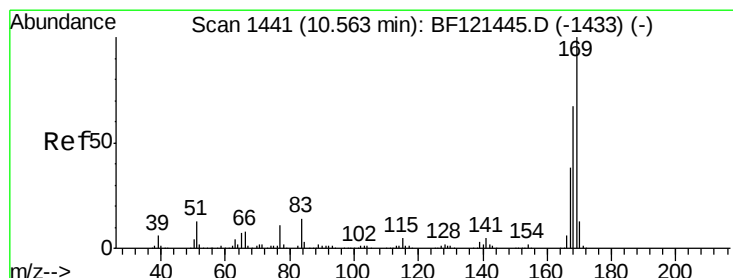
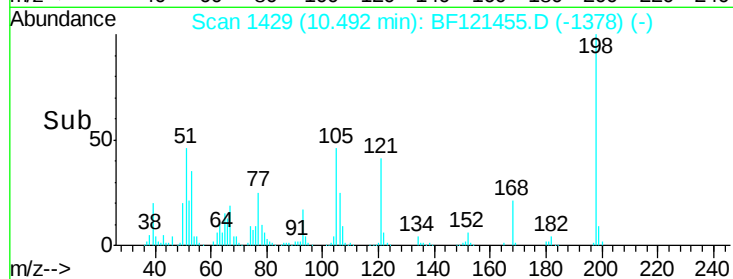
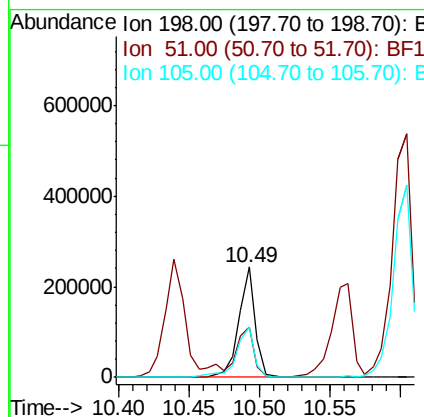
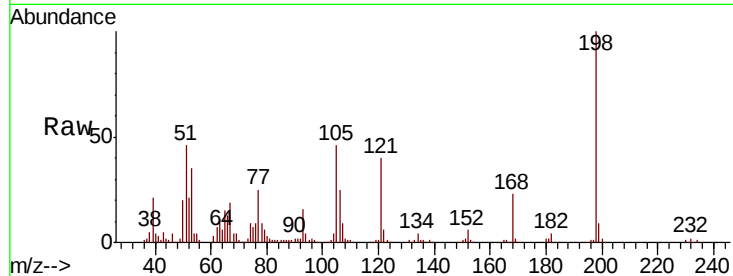
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.016 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	196184		
51	45.9	29.0	69.0	
105	46.2	29.1	69.1	

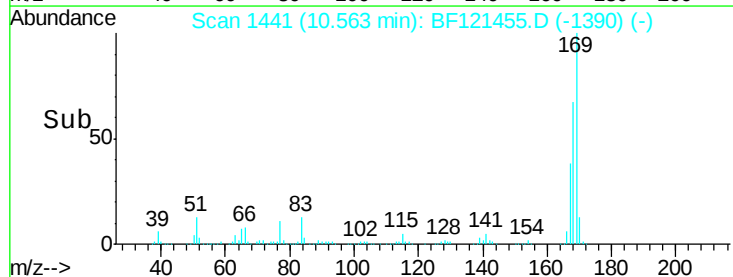
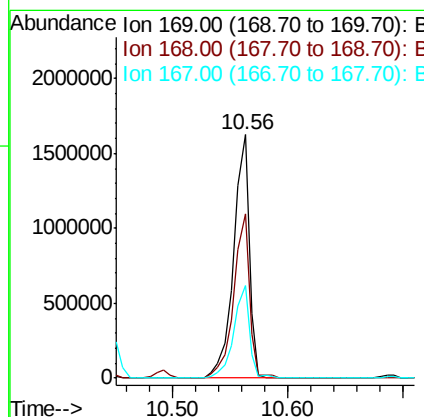
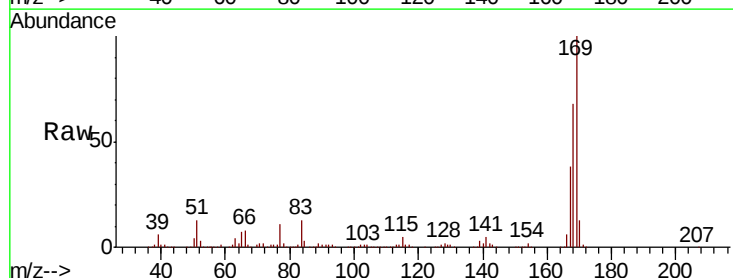
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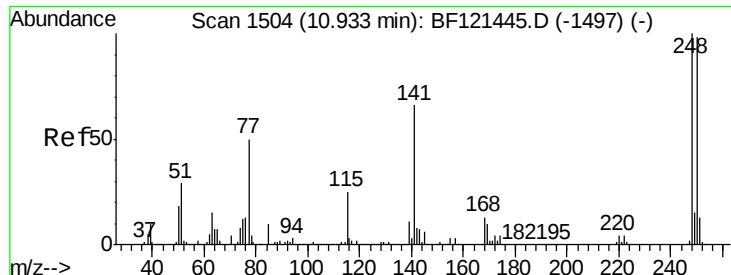
mohammad
 8/31/2020 10:27:14 AM



#66
 n-Nitrosodiphenylamine
 Concen: 40.177 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1526434		
168	67.5	54.0	81.0	
167	37.9	30.2	45.2	





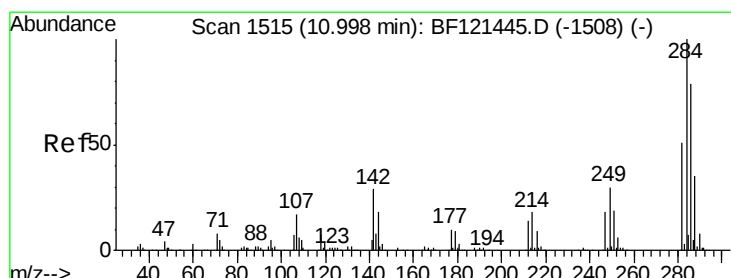
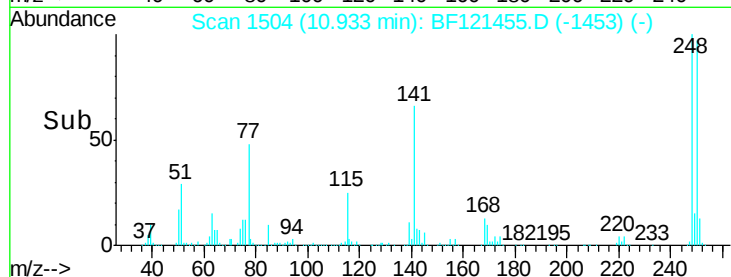
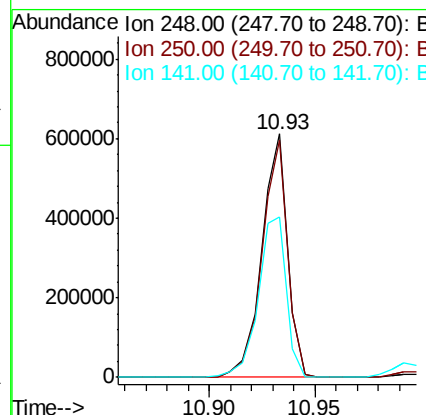
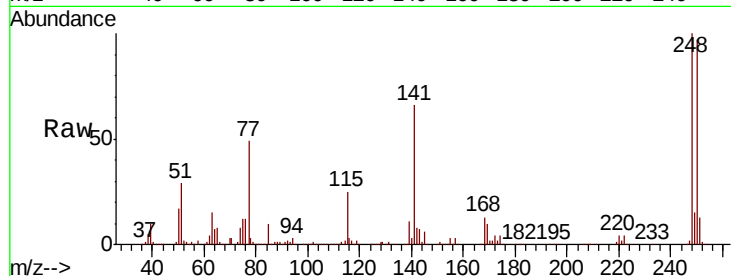
#67
4-Bromophenyl-phenylether
Concen: 39.264 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.7	118.1
141	66.0	52.6	78.8

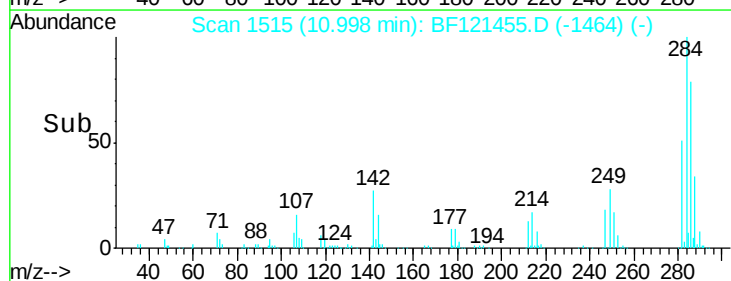
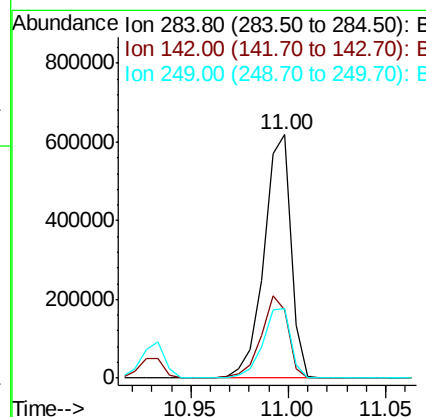
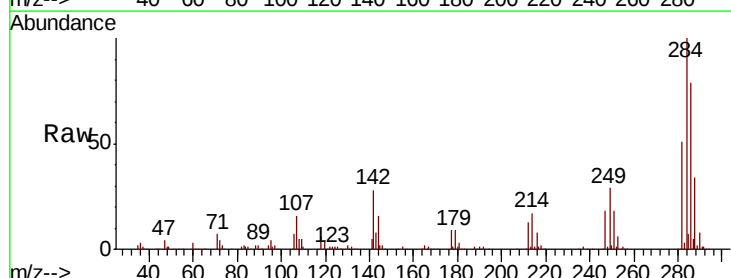
Manual Integrations
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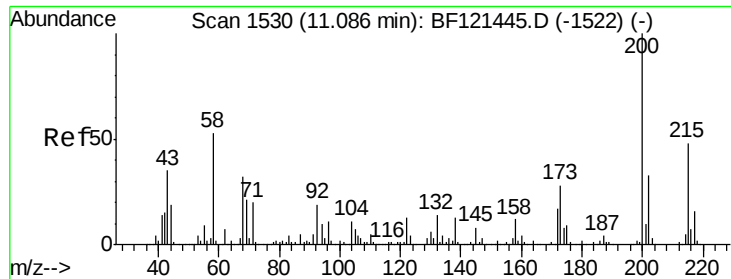
mohammad
8/31/2020 10:27:14 AM



#68
Hexachlorobenzene
Concen: 38.332 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	23.4	35.0
249	28.7	23.8	35.6





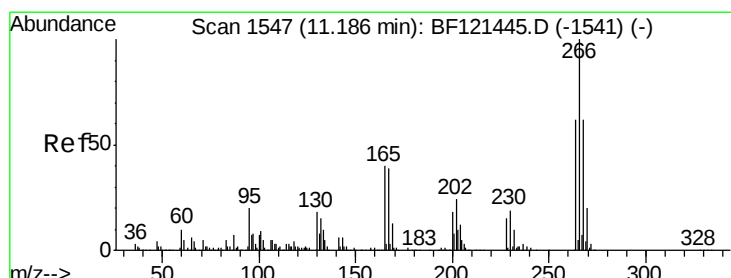
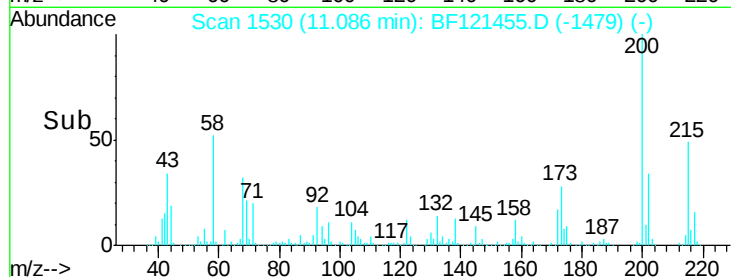
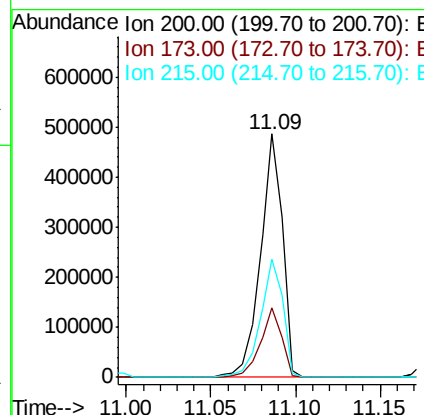
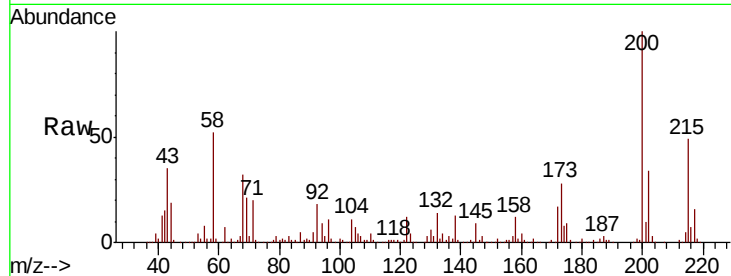
#69
 Atrazine
 Concen: 40.290 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	8.1	48.1
215	48.6	28.5	68.5

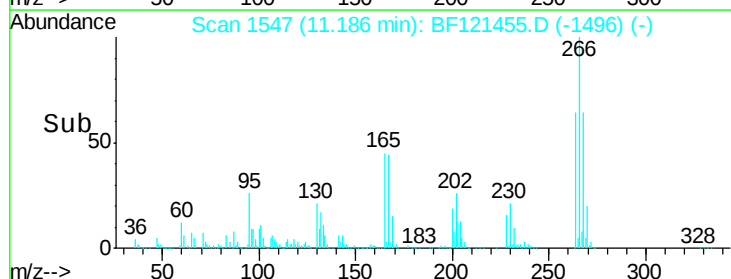
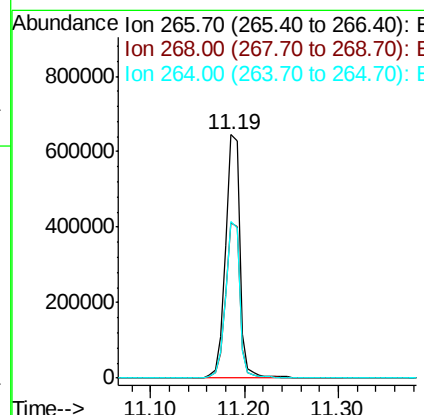
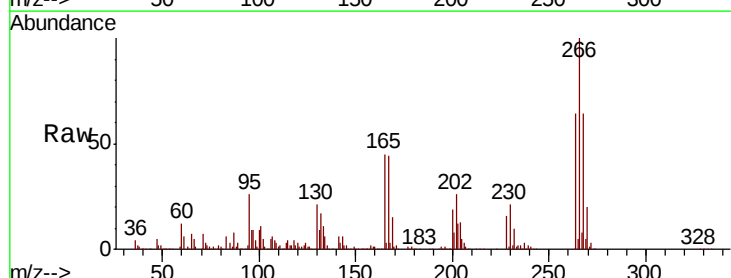
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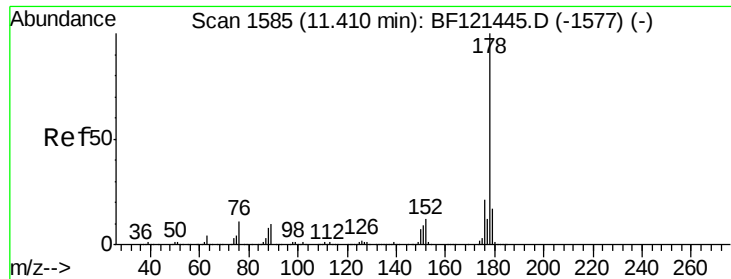
mohammad
 8/31/2020 10:27:14 AM



#70
 Pentachlorophenol
 Concen: 98.233 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	49.7	74.5
264	64.4	49.4	74.0





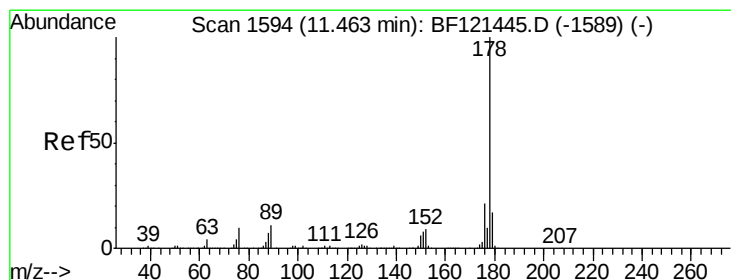
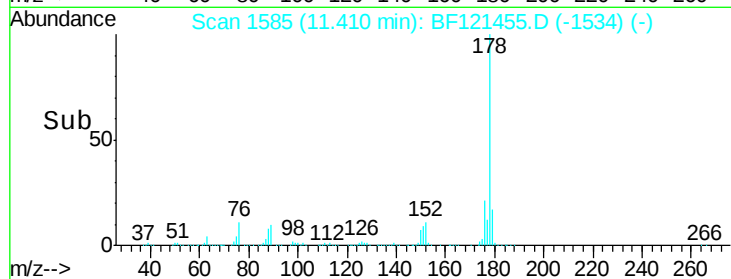
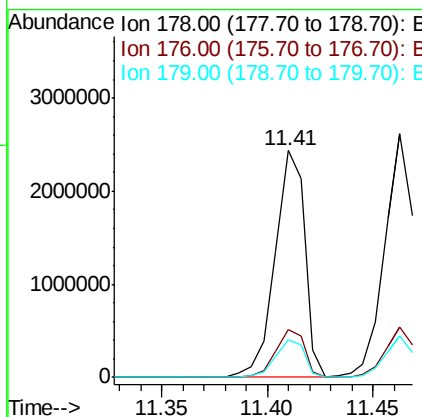
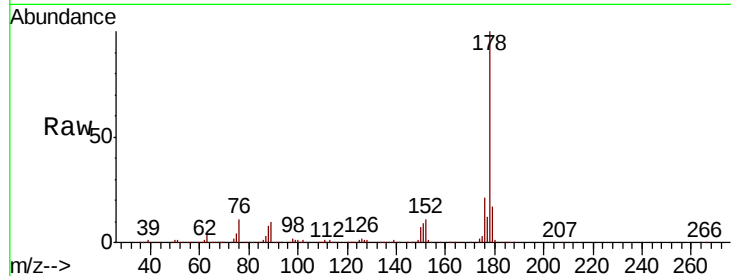
#71
Phenanthrene
Concen: 38.909 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.9	25.3
179	16.6	13.4	20.0

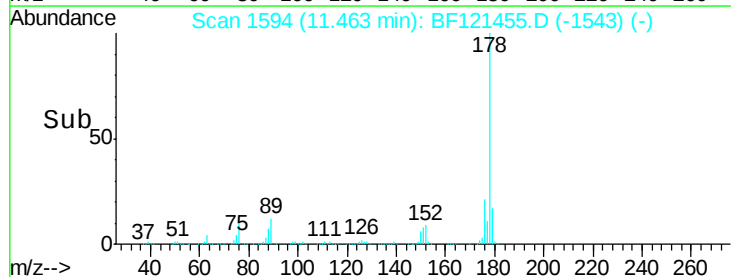
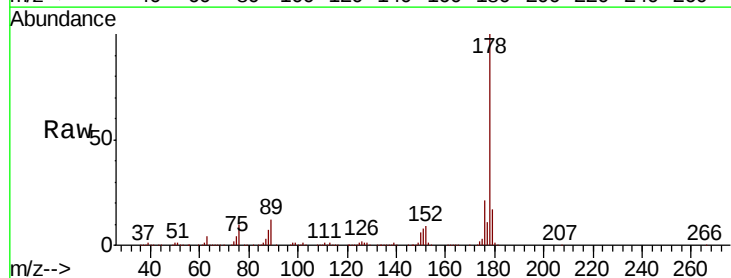
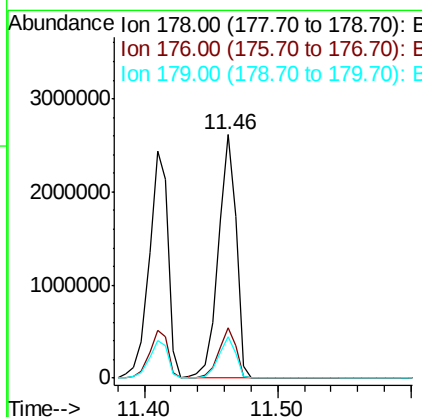
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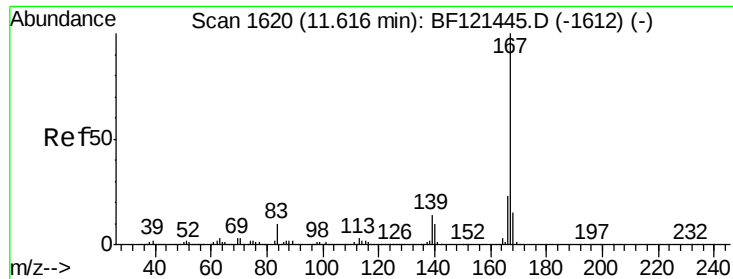
mohammad
8/31/2020 10:27:14 AM



#72
Anthracene
Concen: 40.702 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.7	25.1
179	16.8	13.4	20.2





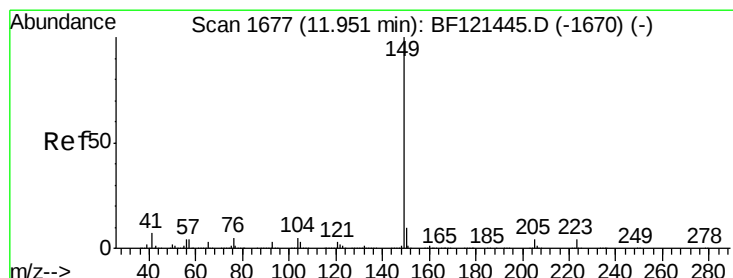
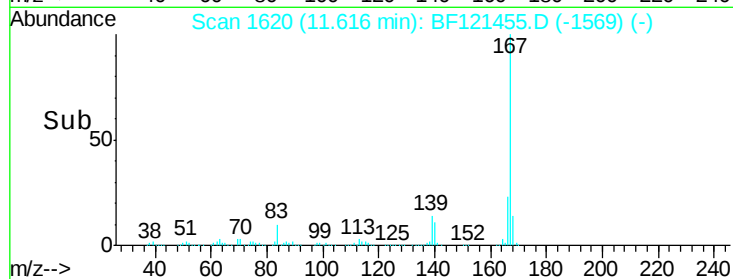
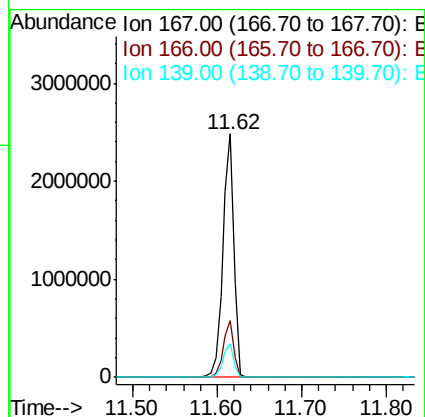
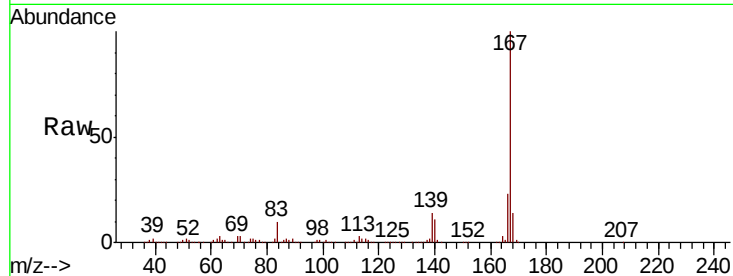
#73
 Carbazole
 Concen: 39.144 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:167 Resp: 2288562
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 13.7 11.0 16.6

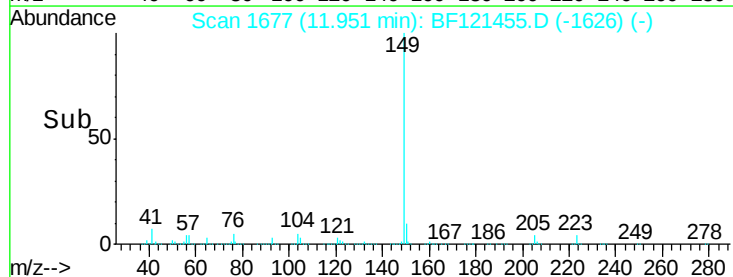
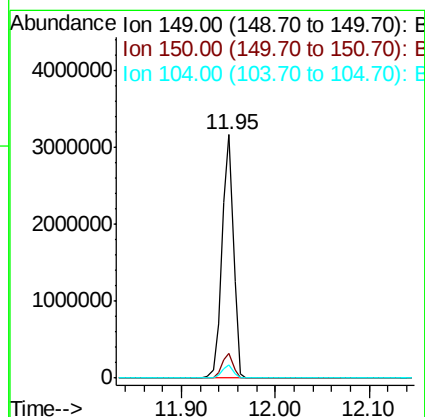
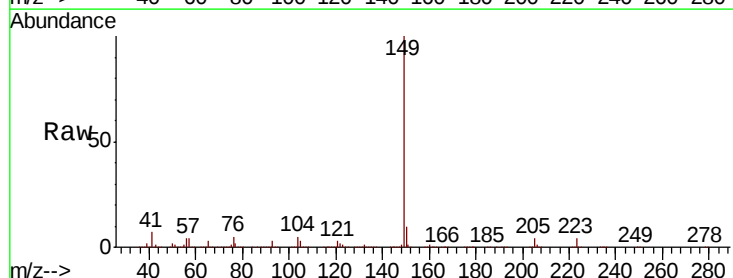
Manual Integrations
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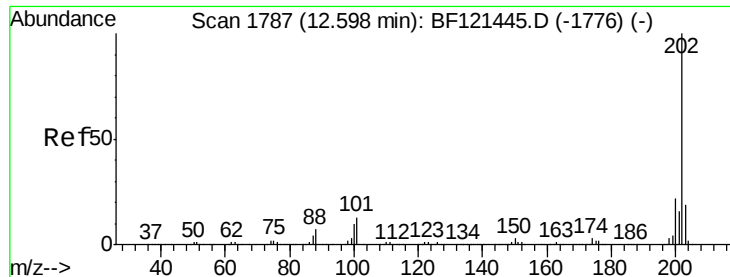
mohammad
 8/31/2020 10:27:14 AM



#74
 Di-n-butylphthalate
 Concen: 41.511 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:149 Resp: 2696150
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 39.763 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

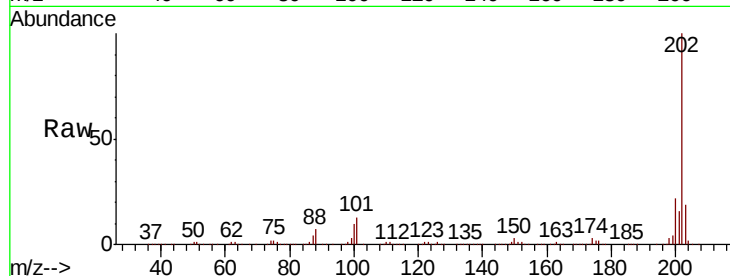
ClientSampleId :

PB131187BSD

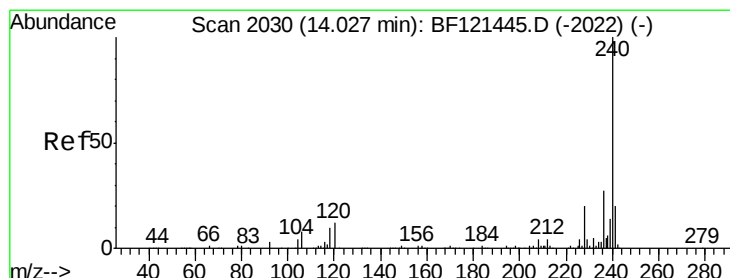
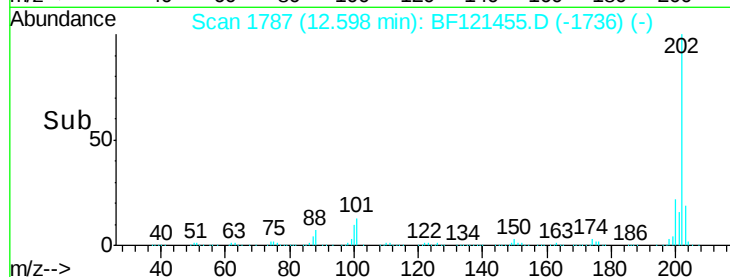
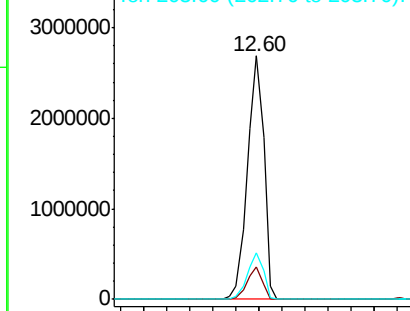
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.3
203	19.1	0.0	39.1

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



#76

Chrysene-d12

Concen: 20.000 ng

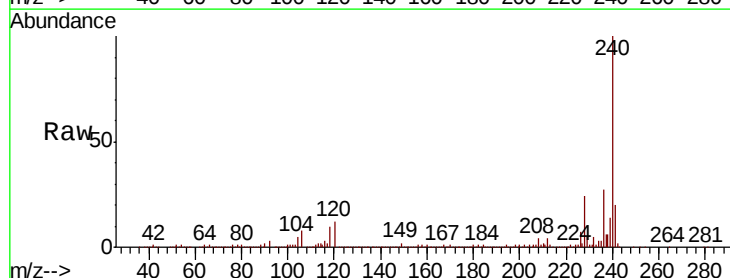
RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

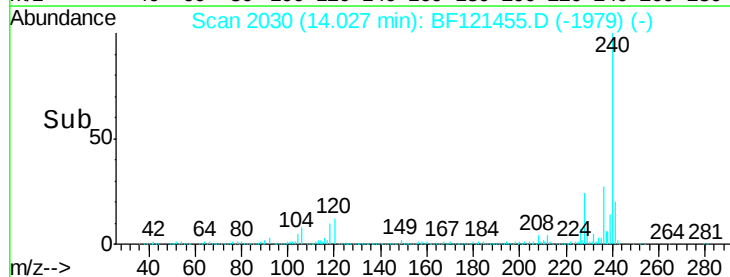
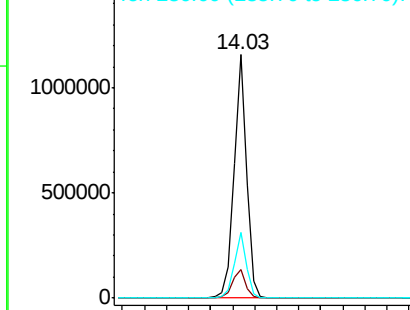
Lab File: BF121455.D

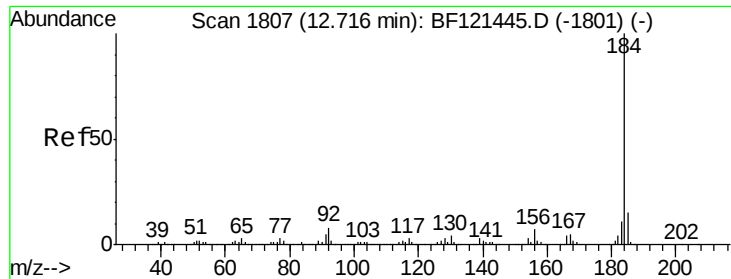
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.9	21.8	32.6



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





#77

Benzidine

Concen: 78.712 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:184 Resp: 1584845

Ion Ratio Lower Upper

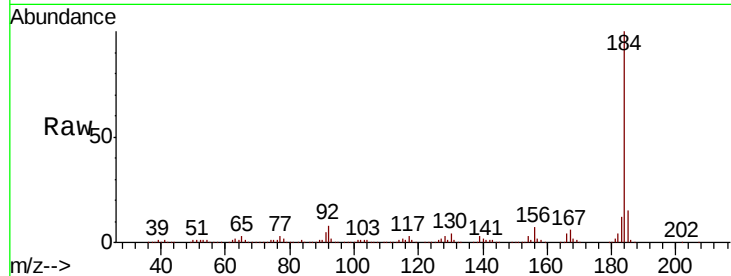
184 100

185 15.2 12.1 18.1

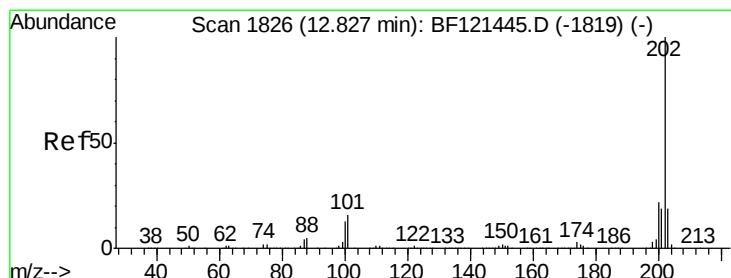
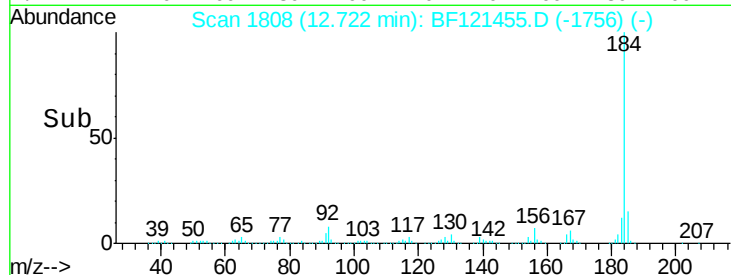
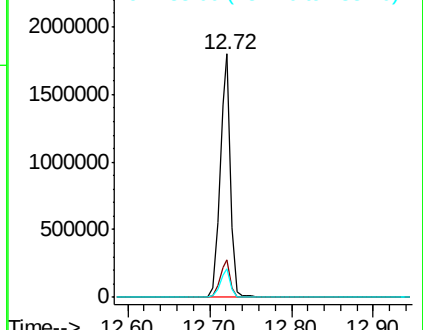
183 11.7 8.9 13.3

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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: 40.701 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

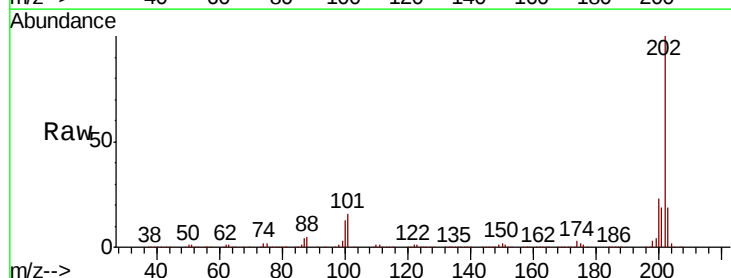
Tgt Ion:202 Resp: 2683611

Ion Ratio Lower Upper

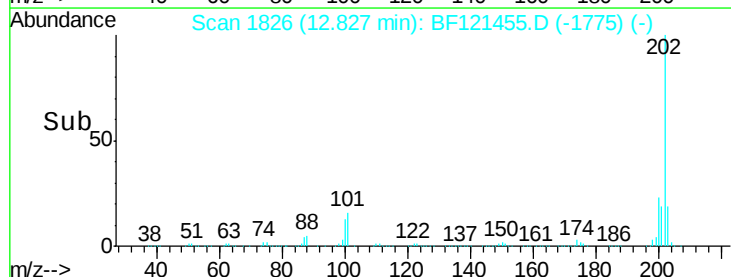
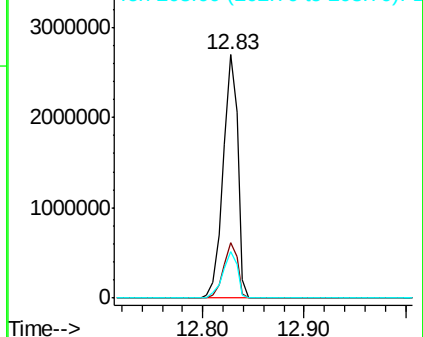
202 100

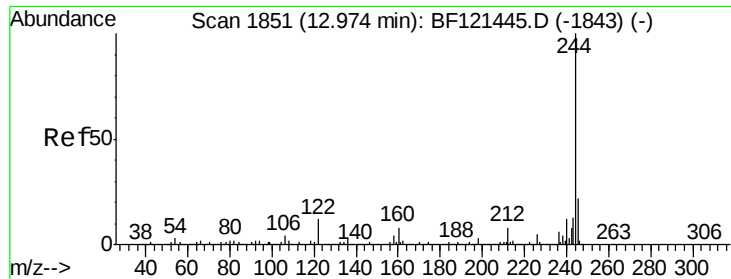
200 22.8 18.0 27.0

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





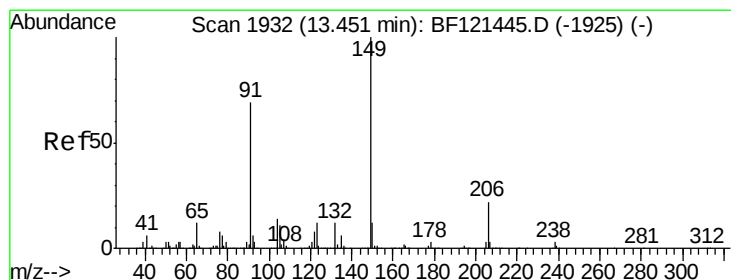
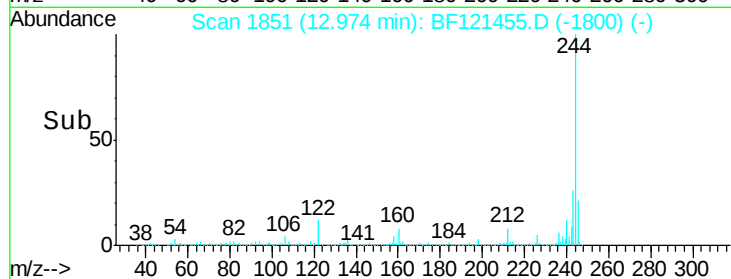
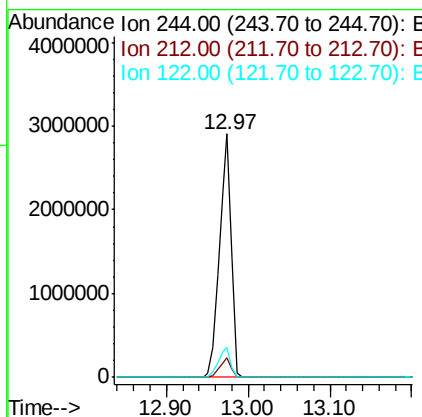
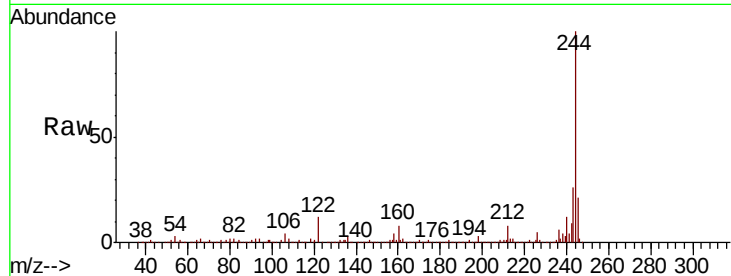
#79
 Terphenyl-d14
 Concen: 66.923 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	12.2	9.5	14.3

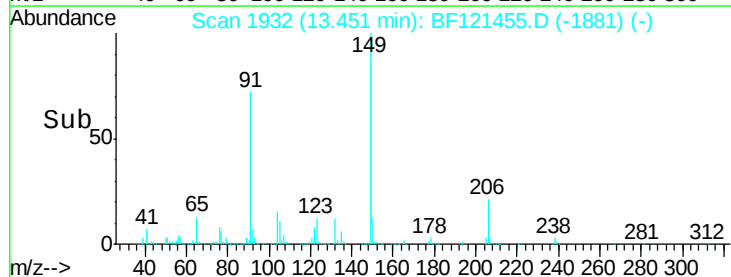
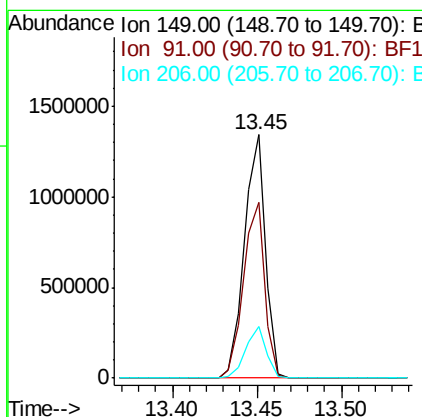
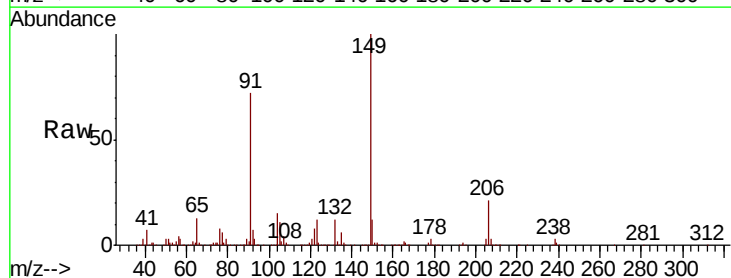
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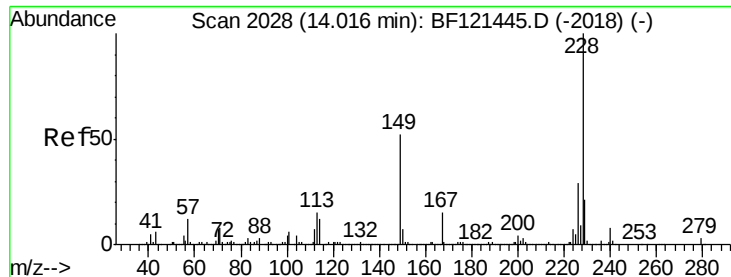
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#80
 Butylbenzylphthalate
 Concen: 46.009 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	55.0	82.4
206	21.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 38.485 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:228 Resp: 2168947

Ion Ratio Lower Upper

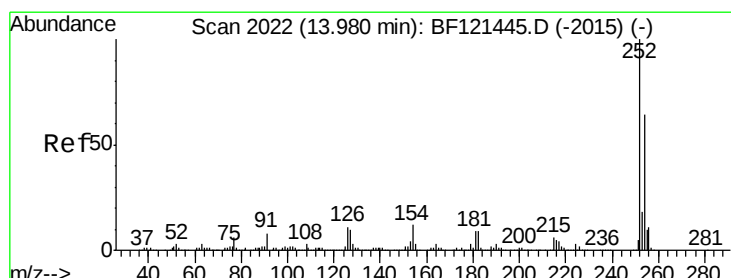
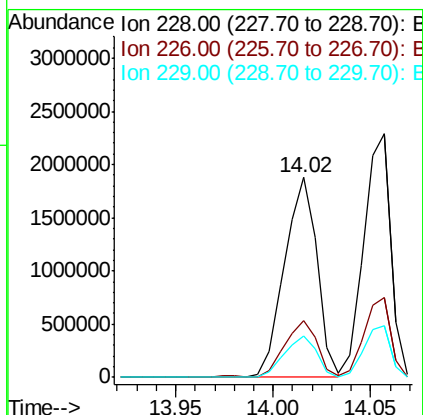
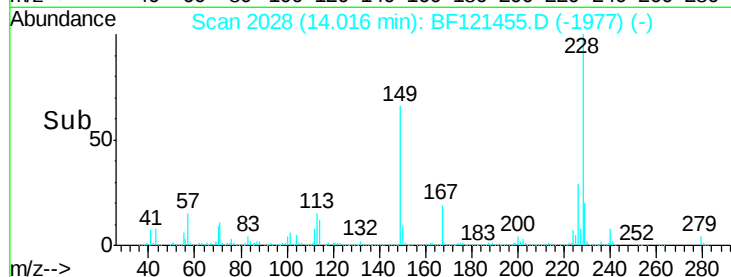
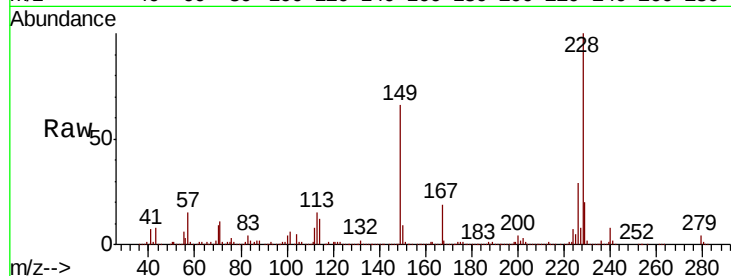
228 100

226 28.6 23.0 34.4

229 20.5 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 34.277 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

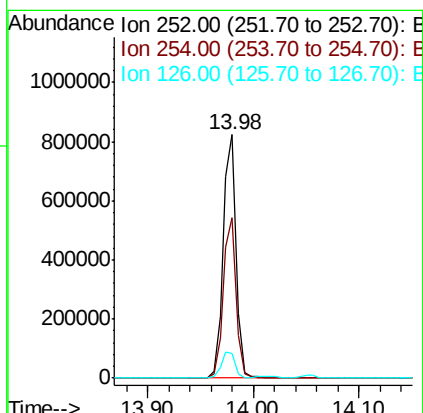
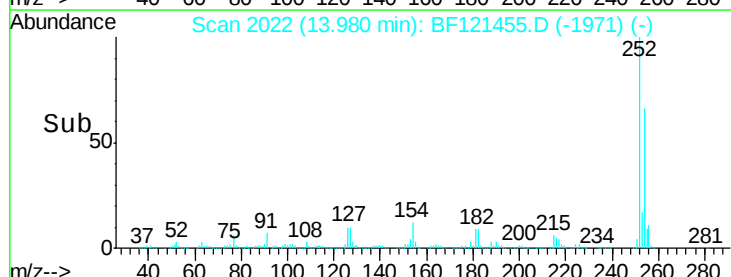
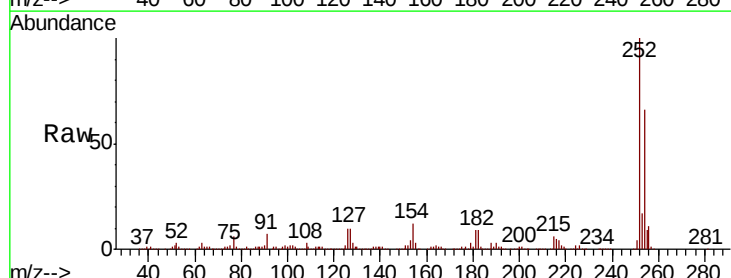
Tgt Ion:252 Resp: 707559

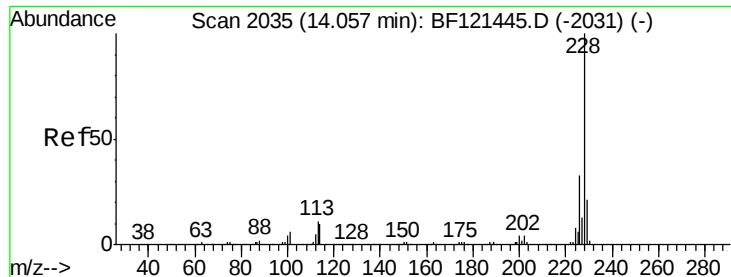
Ion Ratio Lower Upper

252 100

254 66.1 51.4 77.2

126 10.2 8.5 12.7





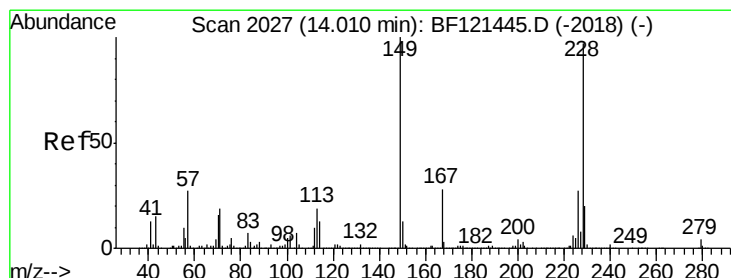
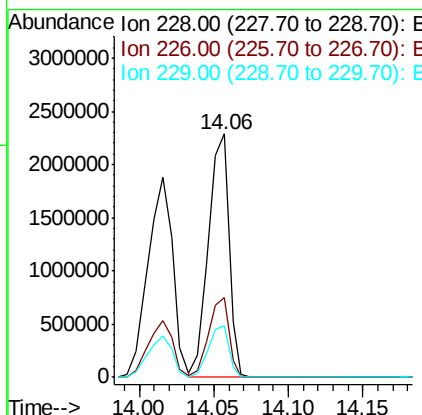
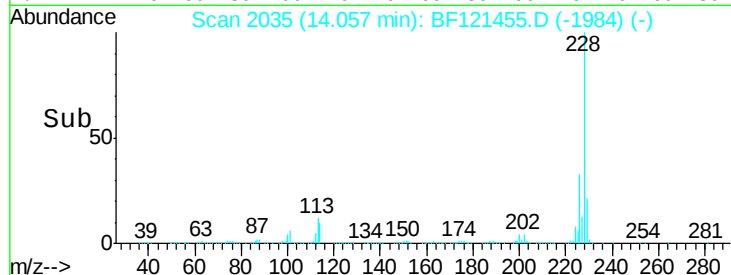
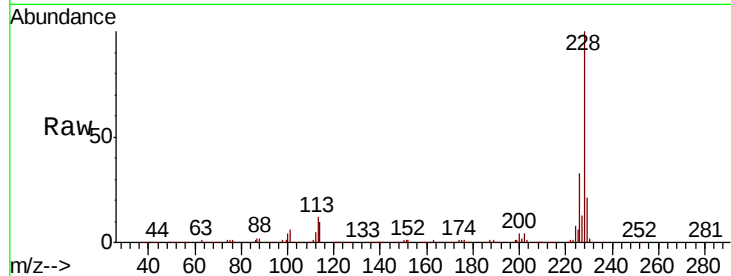
#83
 Chrysene
 Concen: 38.908 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.2
229	21.3	16.6	25.0

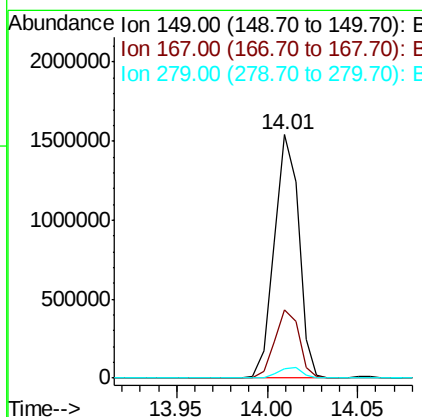
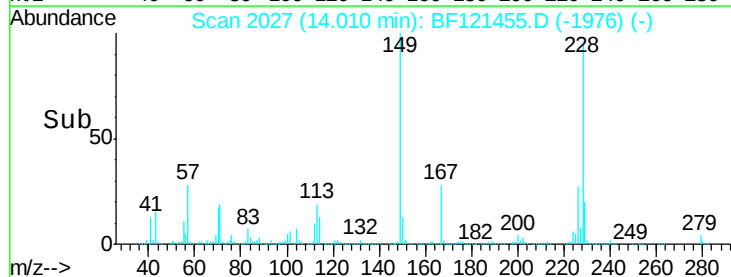
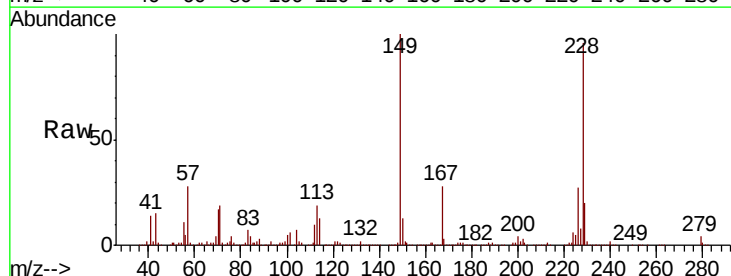
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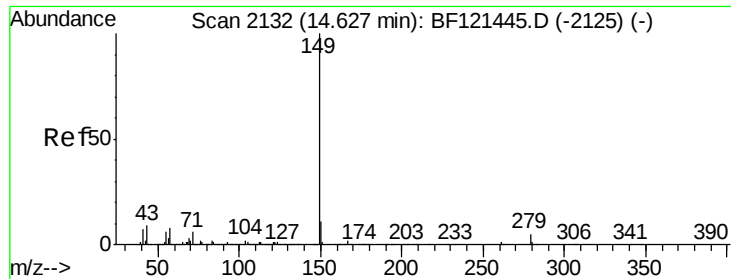
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.184 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 47.043 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:149 Resp: 2615505

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

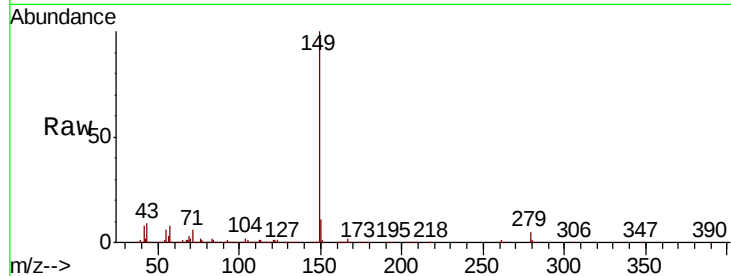
43 10.2 8.3 12.5

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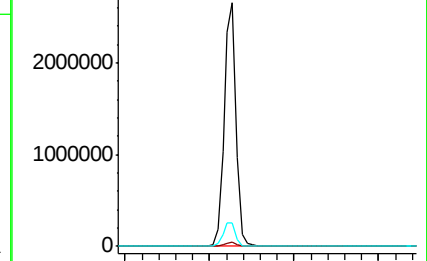
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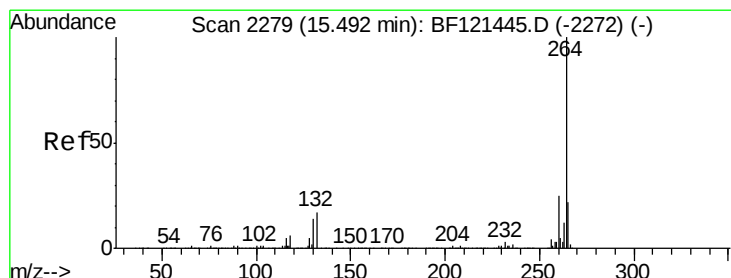
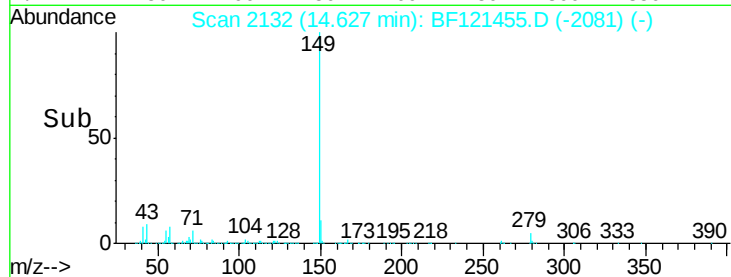
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time--> 14.50 14.60 14.70 14.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

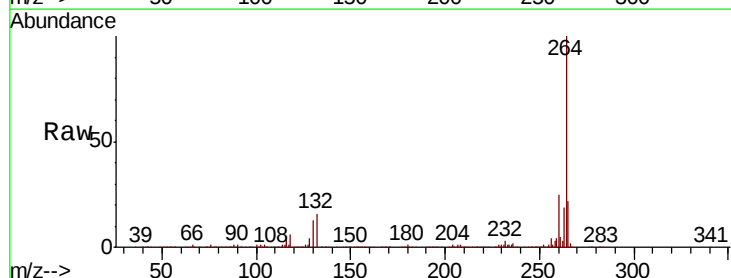
Tgt Ion:264 Resp: 846452

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

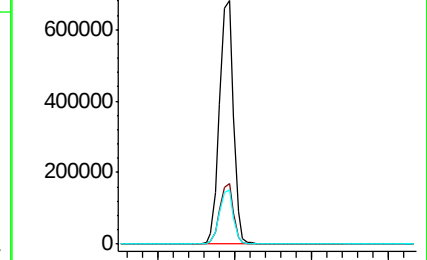
265 22.0 17.8 26.6



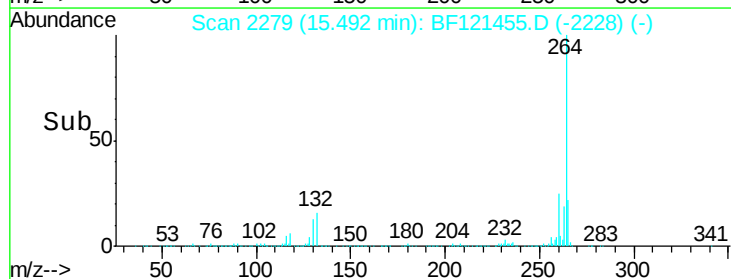
Abundance Ion 264.00 (263.70 to 264.70): E

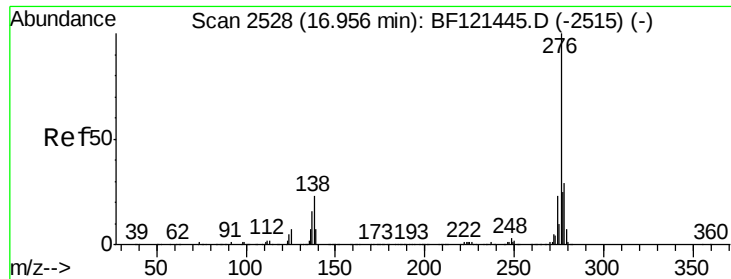
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.40 15.50 15.60 15.70





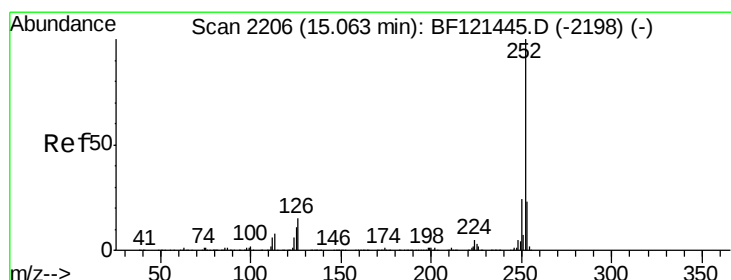
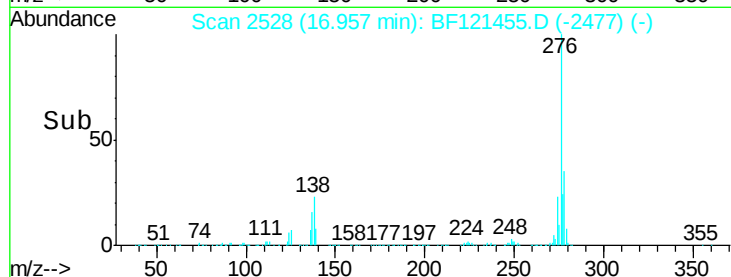
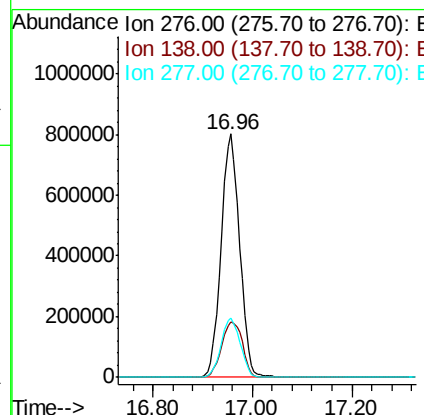
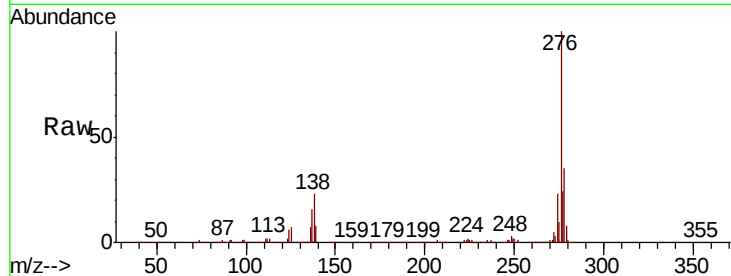
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.858 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	31.0
277	25.2	20.5	30.7

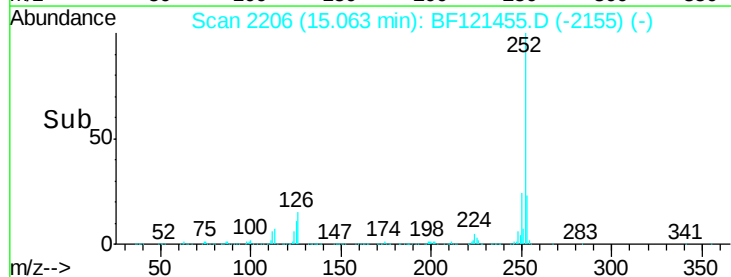
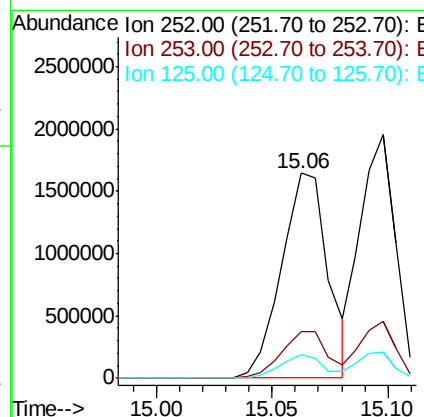
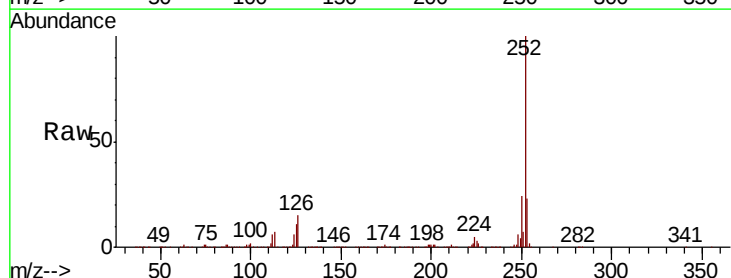
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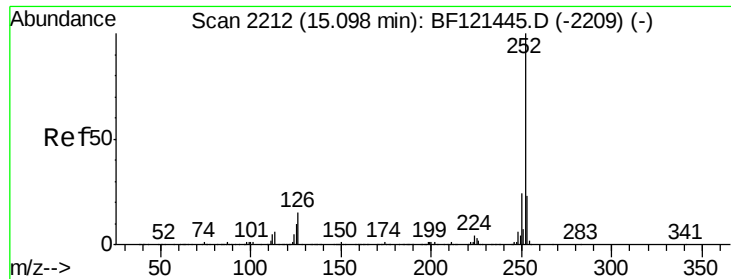
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#88
 Benzo(b)fluoranthene
 Concen: 41.665 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	11.1	9.2	13.8





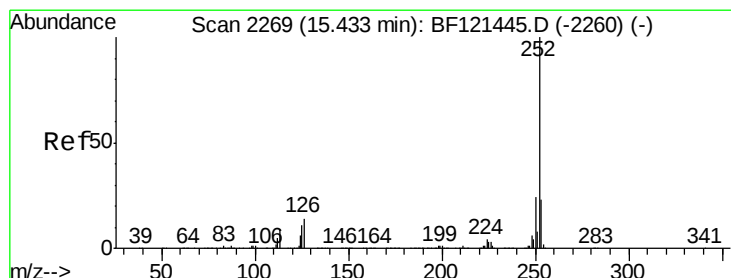
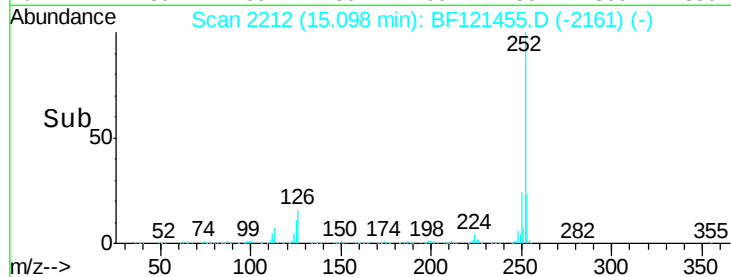
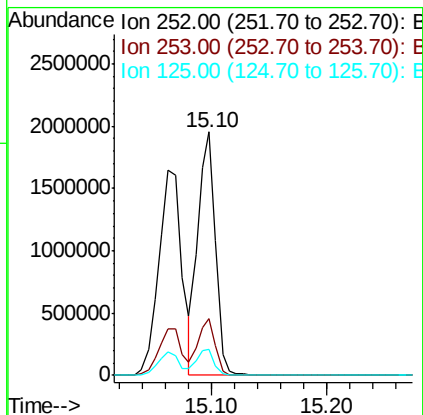
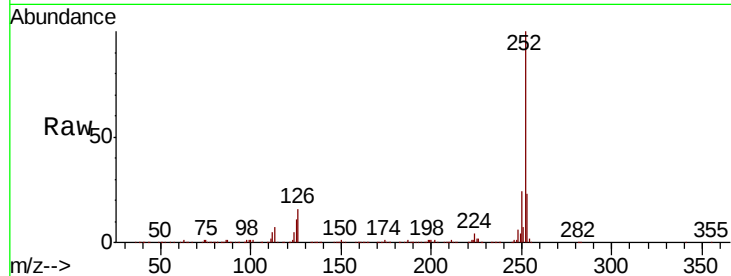
#89
Benzo(k)fluoranthene
Concen: 40.811 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.1	18.3	27.5	
125	10.8	8.5	12.7	

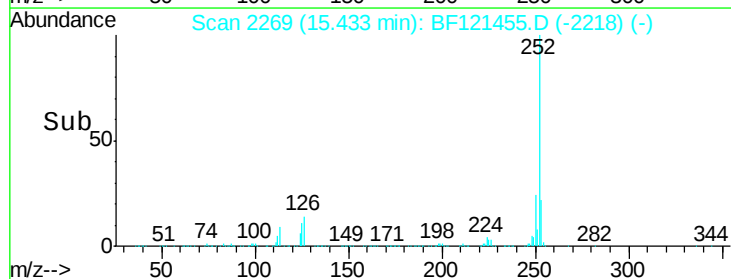
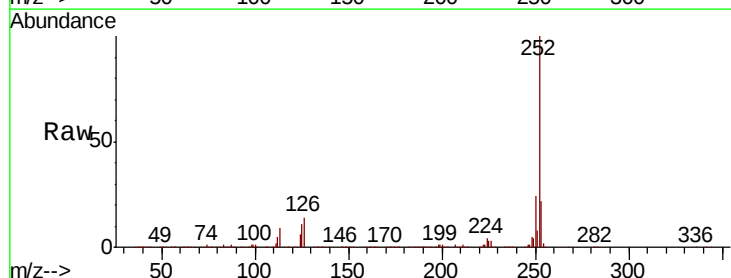
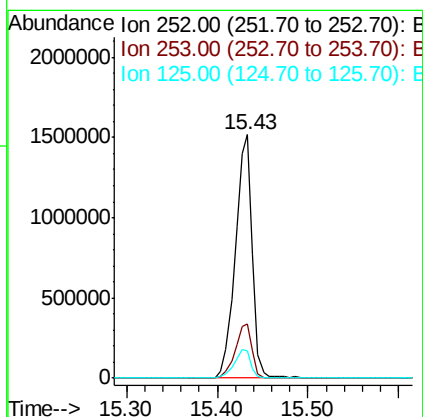
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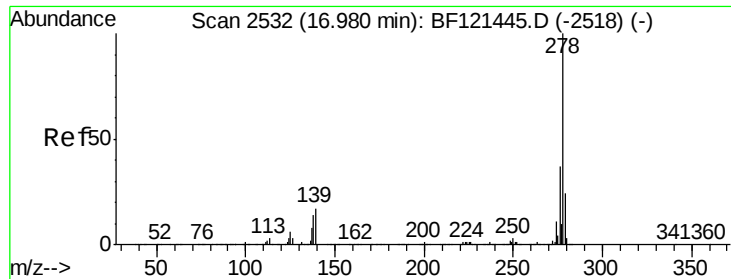
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#90
Benzo(a)pyrene
Concen: 39.836 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.4	18.0	27.0	
125	11.1	9.0	13.4	





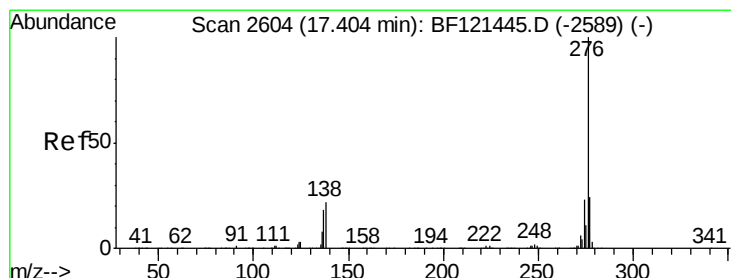
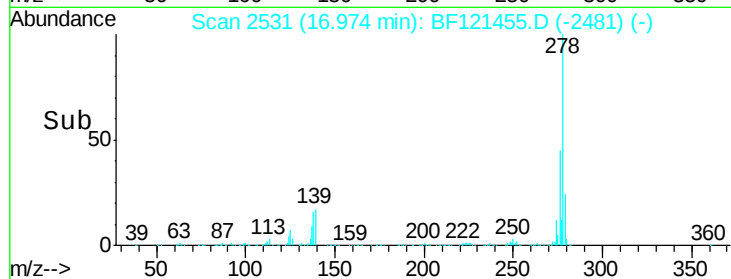
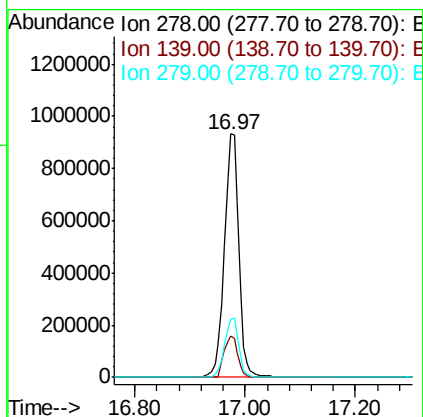
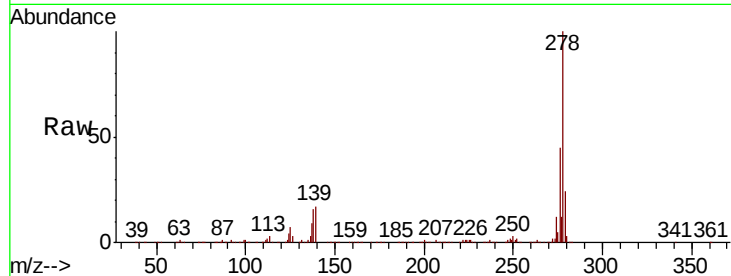
#91
Dibenzo(a,h)anthracene
Concen: 40.641 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.3	19.9
279	24.0	19.4	29.0

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#92
Benzo(g,h,i)perylene
Concen: 40.735 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	23.0	17.4	26.0

