

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121454.D
 Acq On : 28 Aug 2020 11:42
 Operator : JU/CG
 Sample : PB131187BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:11 AM

Quant Time: Aug 28 12:22:24 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	314156	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1215780	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	637255	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1202064	20.00	ng	0.00
76) Chrysene-d12	14.03	240	909558	20.00	ng	0.00
86) Perylene-d12	15.49	264	821090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1835316	98.01	ng	0.01
7) Phenol-d6	6.49	99	2420005	92.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	1501564	84.44	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	736951	114.49	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2861069	72.44	ng	0.00
79) Terphenyl-d14	12.97	244	2943288	68.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	465197	52.094	ng	99
3) Pyridine	3.46	79	664204	27.314	ng	98
4) n-Nitrosodimethylamine	3.42	42	399709	37.185	ng	96
6) Aniline	6.52	93	1133999	36.524	ng	100
8) 2-Chlorophenol	6.65	128	832454	43.804	ng	96
9) Benzaldehyde	6.41	77	550957	44.760	ng	98
10) Phenol	6.50	94	1089342	42.556	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	808003	38.851	ng	97
12) 1,3-Dichlorobenzene	6.80	146	844515	36.907	ng	98
13) 1,4-Dichlorobenzene	6.88	146	850348	37.081	ng	99
14) 1,2-Dichlorobenzene	7.03	146	824892	38.632	ng	99
15) Benzyl Alcohol	7.00	79	706885	41.158	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1166948	37.875	ng	99
17) 2-Methylphenol	7.11	107	679791	41.112	ng	99
18) Hexachloroethane	7.37	117	308254	39.277	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	598271	40.912	ng	100
20) 3+4-Methylphenols	7.26	107	831661	41.563	ng	# 88
22) Acetophenone	7.27	105	1115747	37.234	ng	# 95
24) Nitrobenzene	7.44	77	841764	47.222	ng	99
25) Isophorone	7.69	82	1632559	40.815	ng	99
26) 2-Nitrophenol	7.76	139	361111	48.400	ng	94
27) 2,4-Dimethylphenol	7.79	122	785521	47.350	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	1034790	38.045	ng	100
29) 2,4-Dichlorophenol	8.00	162	703618	42.955	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	737744	36.765	ng	98
31) Naphthalene	8.17	128	2316168	38.374	ng	100
32) Benzoic acid	7.92	122	465464	46.010	ng	100
33) 4-Chloroaniline	8.21	127	825640	30.712	ng	98
34) Hexachlorobutadiene	8.29	225	431893	36.193	ng	99
35) Caprolactam	8.58	113	230190m	43.087	ng	
36) 4-Chloro-3-methylphenol	8.69	107	734838	42.549	ng	100
37) 2-Methylnaphthalene	8.86	142	1610672	40.276	ng	99
38) 1-Methylnaphthalene	8.96	142	1514599	40.110	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	714785	37.839	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	849179	106.899	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	517263	43.323	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	555450	47.046	ng	98
46) 1,1'-Biphenyl	9.32	154	1932195	40.181	ng	99
47) 2-Chloronaphthalene	9.35	162	1471705	37.234	ng	97
48) 2-Nitroaniline	9.44	65	458539	42.256	ng	97
49) Acenaphthylene	9.76	152	2415524	40.743	ng	100
50) Dimethylphthalate	9.63	163	1747219	39.915	ng	100
51) 2,6-Dinitrotoluene	9.68	165	377655	46.296	ng	90
52) Acenaphthene	9.93	154	1576770	42.119	ng	100
53) 3-Nitroaniline	9.85	138	322480	32.800	ng	# 95
54) 2,4-Dinitrophenol	9.96	184	279816	76.506	ng	87
55) Dibenzofuran	10.11	168	2157028	39.666	ng	100
56) 4-Nitrophenol	10.01	139	676480	80.036	ng	95
57) 2,4-Dinitrotoluene	10.09	165	471388	46.876	ng	98
58) Fluorene	10.45	166	1597795	38.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	462942	47.096	ng	100
60) Diethylphthalate	10.33	149	1803322	41.005	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	796700	38.788	ng	94
62) 4-Nitroaniline	10.47	138	423272	40.367	ng	98
63) Azobenzene	10.60	77	1775341	40.821	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	188697	51.799	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1538811	40.475	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	519074	39.253	ng	99
68) Hexachlorobenzene	11.00	284	594511	38.446	ng	99
69) Atrazine	11.09	200	443096	40.187	ng	99
70) Pentachlorophenol	11.19	266	696036	98.525	ng	97
71) Phenanthrene	11.41	178	2390248	38.748	ng	100
72) Anthracene	11.46	178	2467949	40.677	ng	99
73) Carbazole	11.62	167	2280879	38.985	ng	100
74) Di-n-butylphthalate	11.95	149	2689343	41.378	ng	100
75) Fluoranthene	12.60	202	2598008	39.078	ng	99
77) Benzidine	12.72	184	1588340	80.070	ng	99
78) Pyrene	12.83	202	2670169	41.106	ng	100
80) Butylbenzylphthalate	13.45	149	1146699	45.821	ng	99
81) Benzo(a)anthracene	14.02	228	2148519	38.695	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	690595	33.957	ng	98
83) Chrysene	14.06	228	2177930	39.207	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1430842	44.269	ng	100
85) Di-n-octyl phthalate	14.63	149	2567140	46.867	ng	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	1998547	39.559	ng	99
88) Benzo(b)fluoranthene	15.06	252	2242267	41.981	ng	100
89) Benzo(k)fluoranthene	15.10	252	2023460	40.730	ng	100
90) Benzo(a)pyrene	15.43	252	1916109	39.896	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	1673370	40.464	ng	99
92) Benzo(g,h,i)perylene	17.40	276	1612563	40.479	ng	99

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

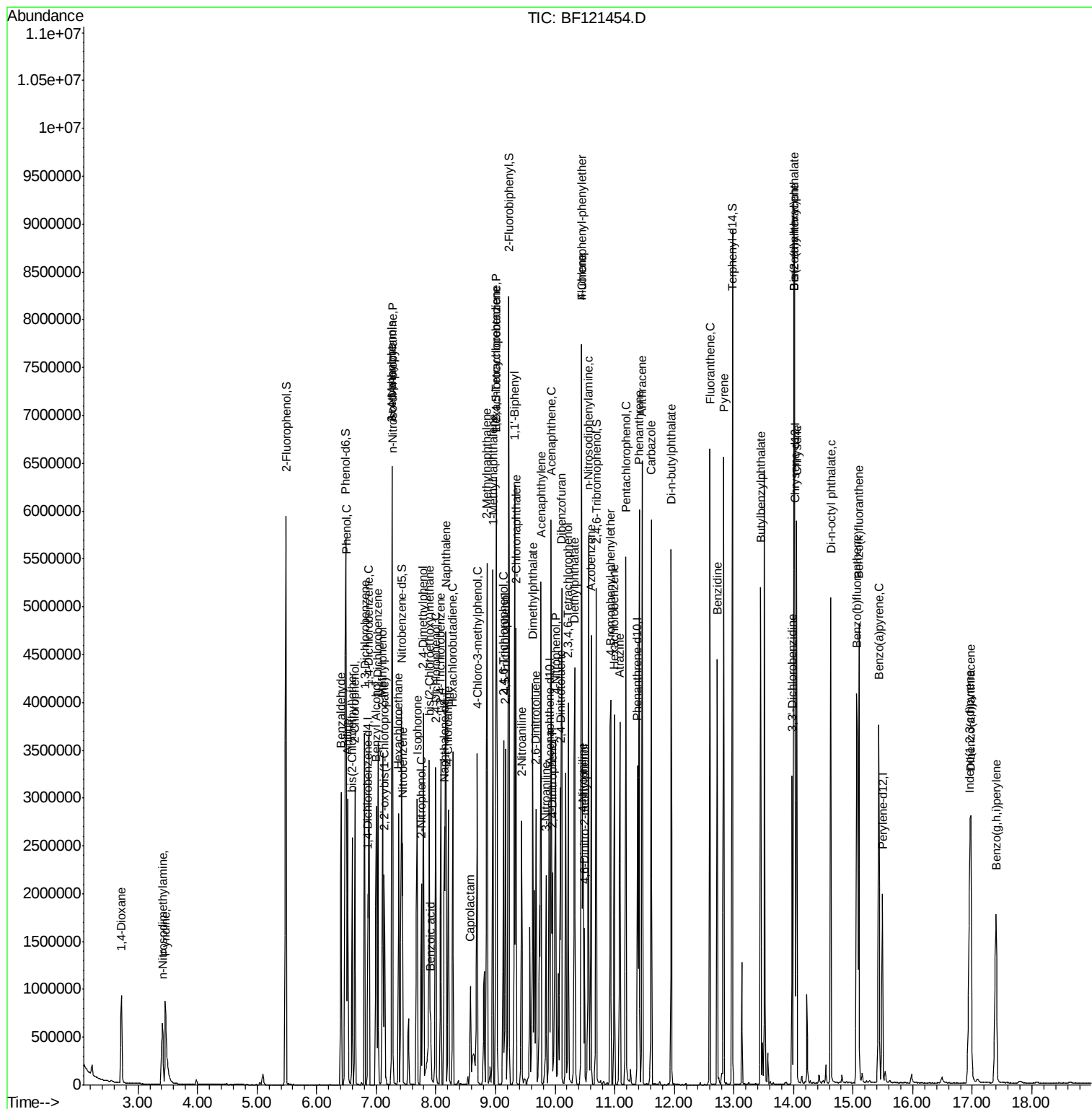
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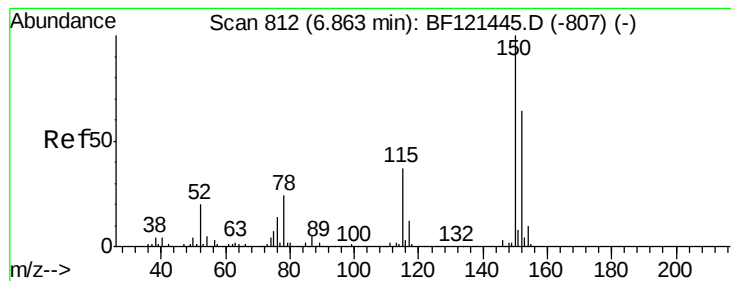
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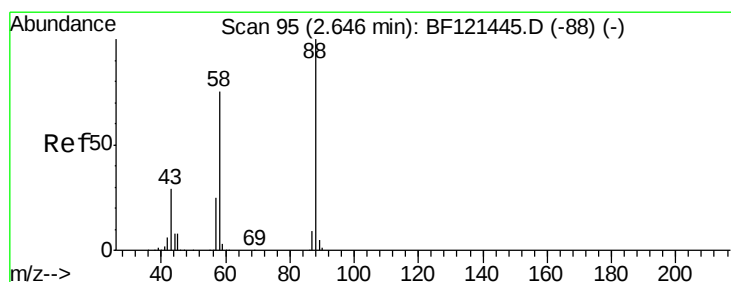
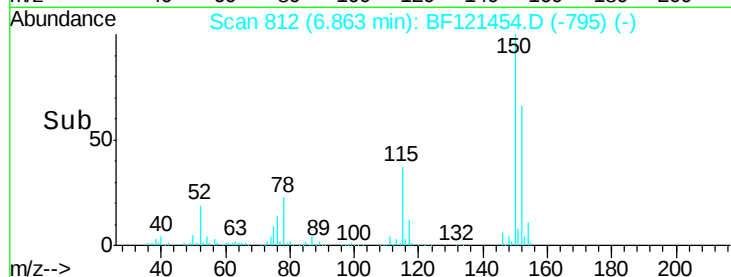
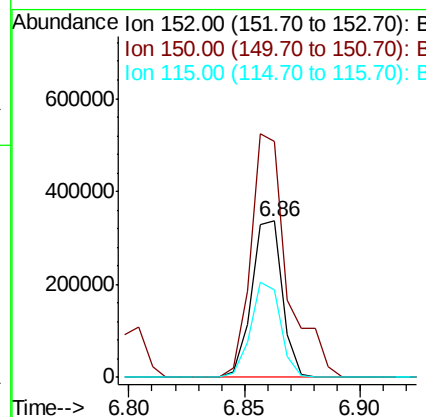
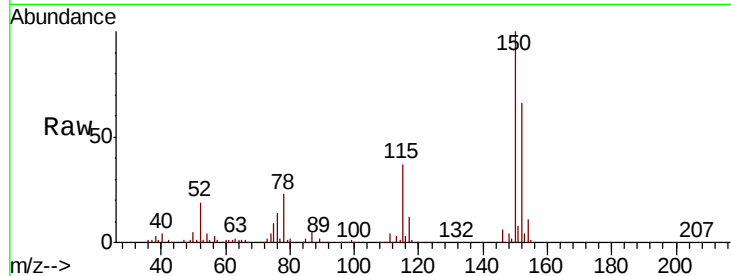
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.8	188.6
115	55.7	46.6	69.8

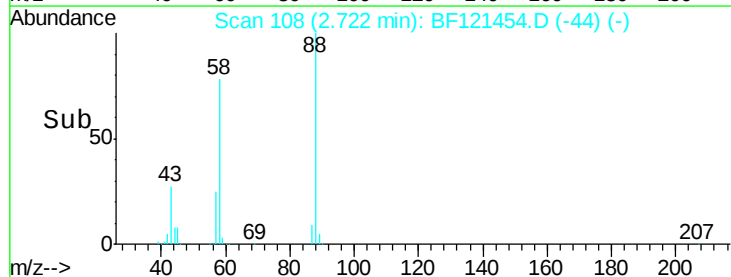
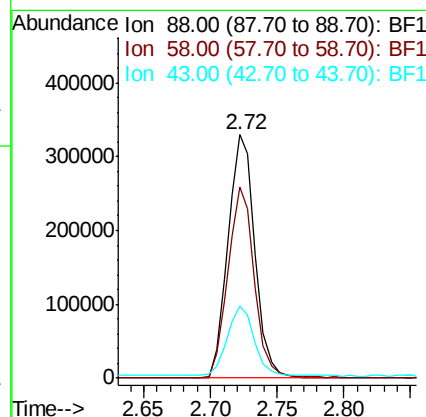
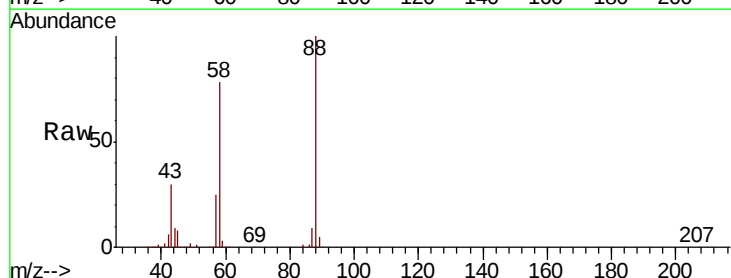
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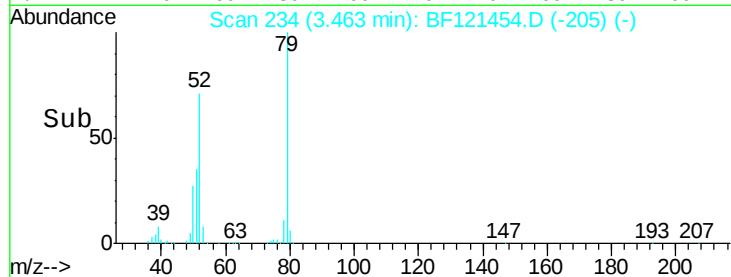
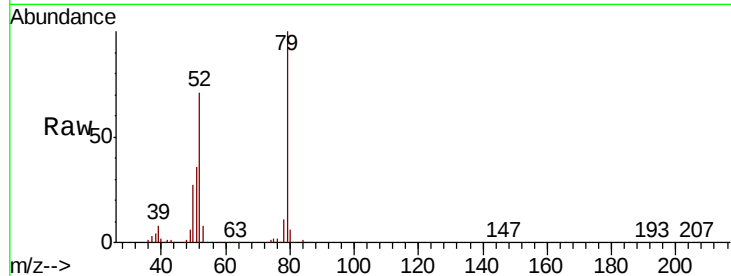
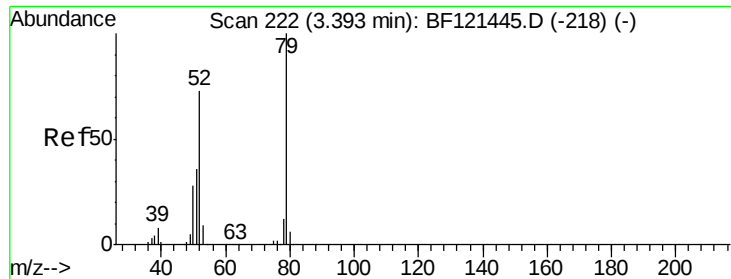
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#2
 1,4-Dioxane
 Concen: 52.094 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.08 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	61.1	91.7
43	28.2	23.4	35.0





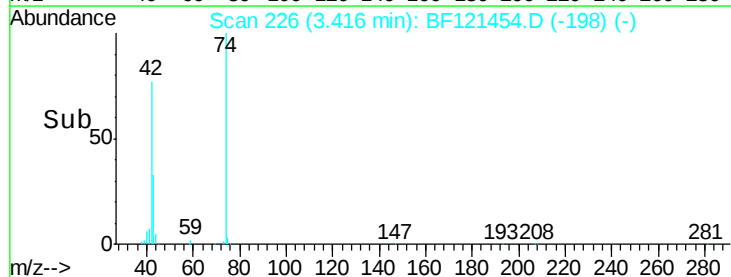
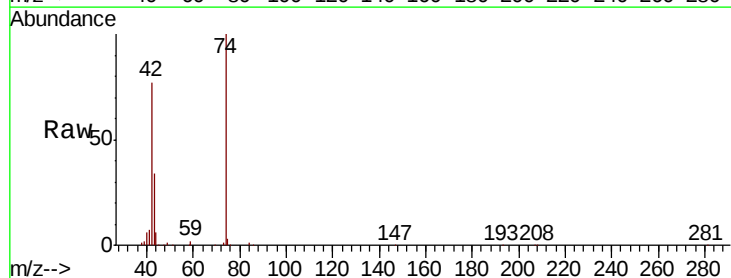
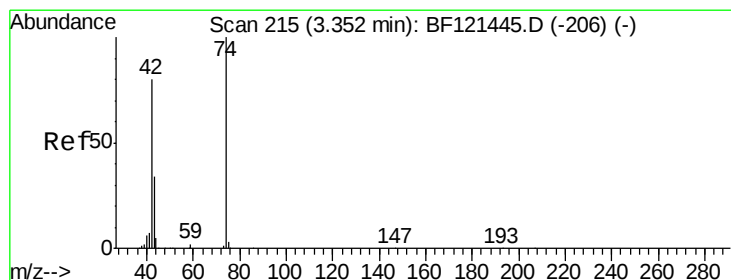
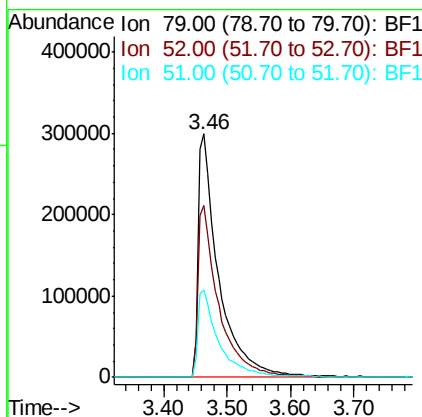
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 Pvridine
 Concen: 27.314 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.07 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tot Ion	Ratio	Resp	Lower	Upper
79	100	664204		
52	70.8		58.2	87.4
51	35.7		29.1	43.7

Instrument :
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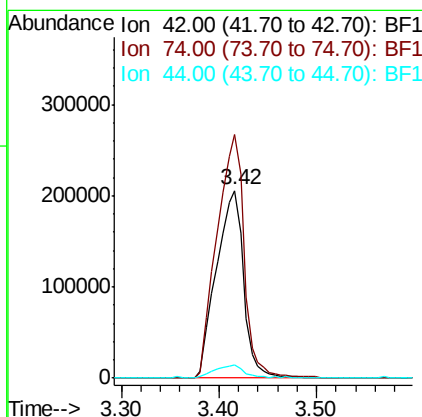
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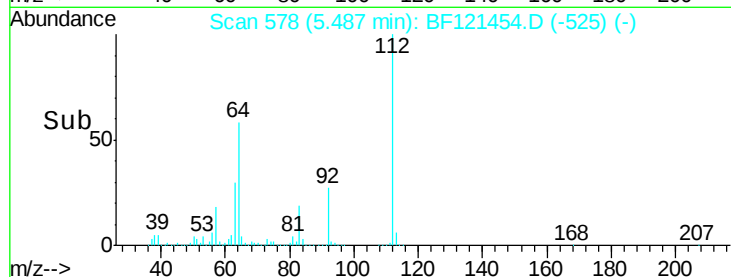
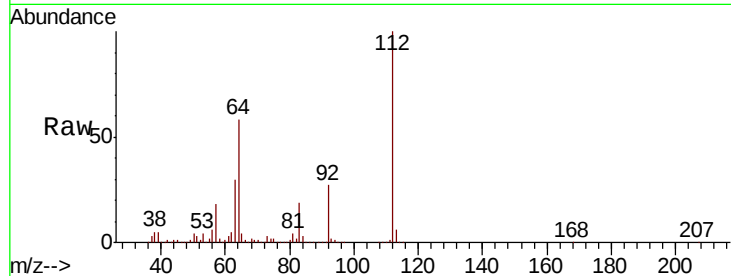
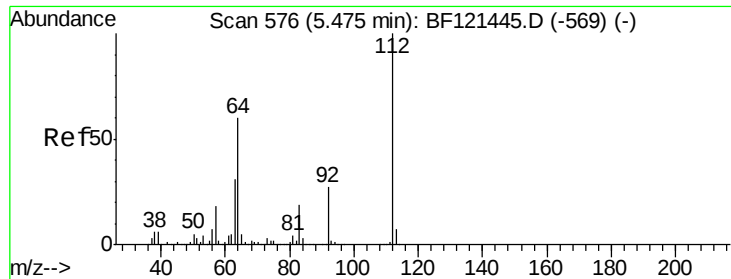
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#4
 n-Nitrosodimethylamine
 Concen: 37.185 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	399709		
74	129.9		100.2	150.4
44	7.2		5.4	8.0





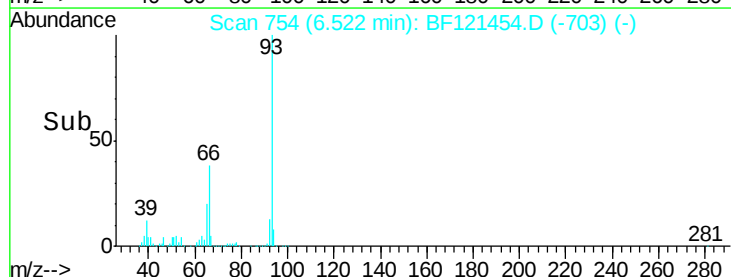
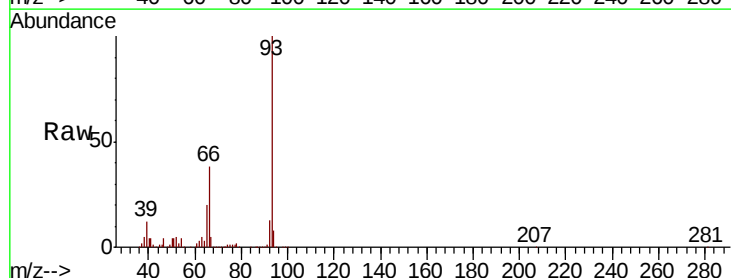
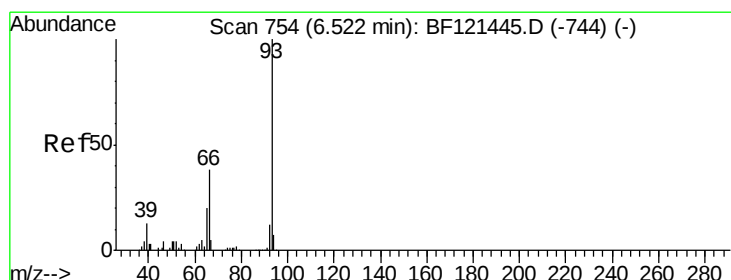
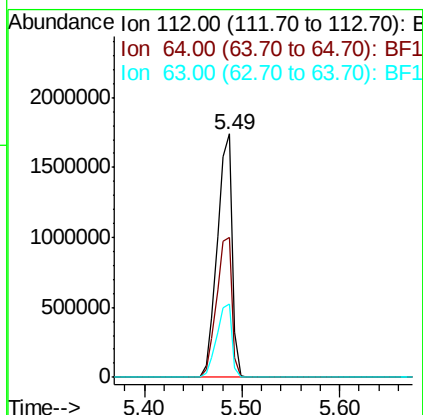
#5
2-Fluorophenol
Concen: 98.015 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.2	72.2
63	30.1	24.8	37.2

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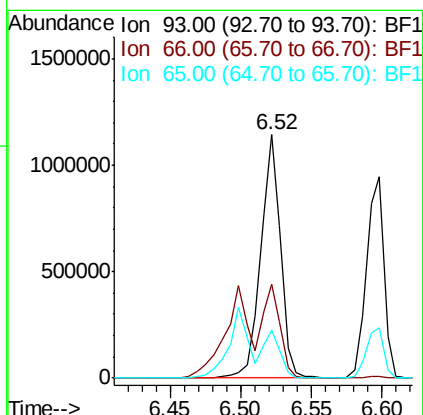
Manual Integrations
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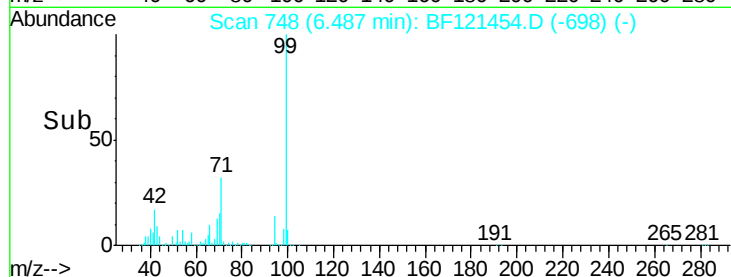
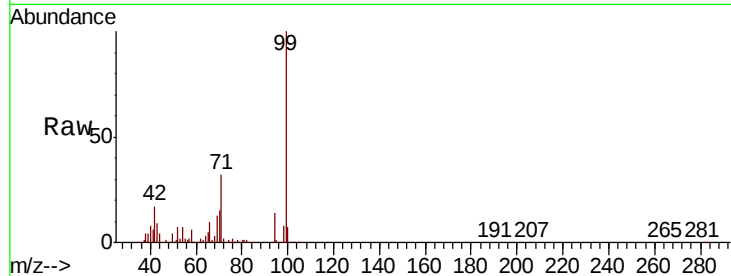
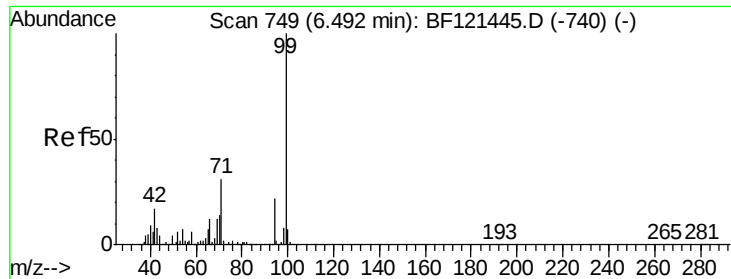
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#6
Aniline
Concen: 36.524 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.9	46.3
65	19.9	15.9	23.9





#7

Phenol-d6

Concen: 92.481 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	17.5	13.5	20.3	
71	31.6	24.6	37.0	

Instrument :

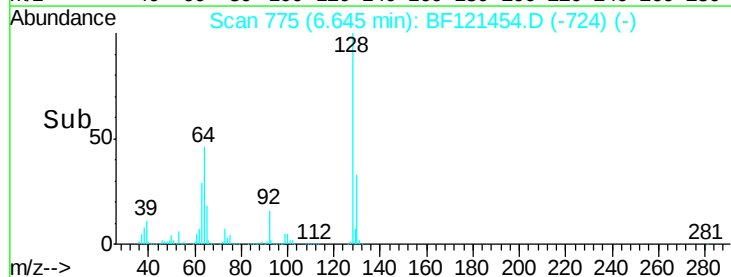
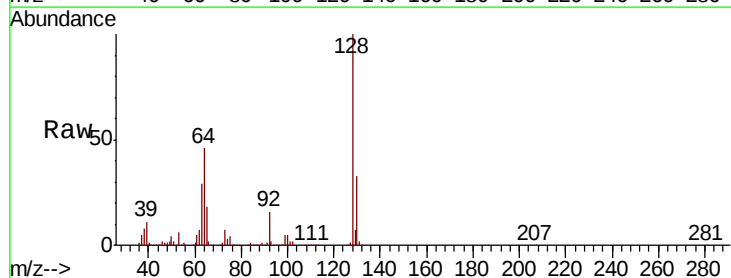
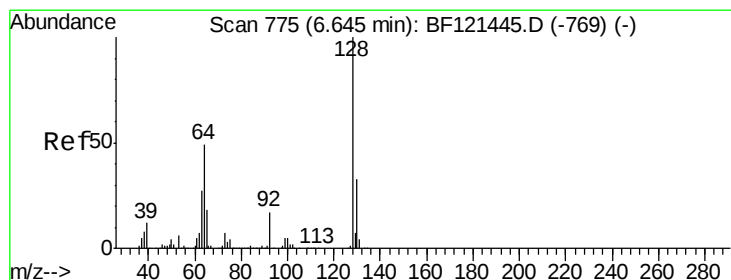
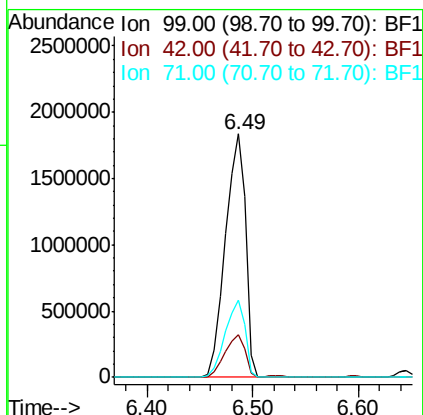
BNA_F

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#8

2-Chlorophenol

Concen: 43.804 ng

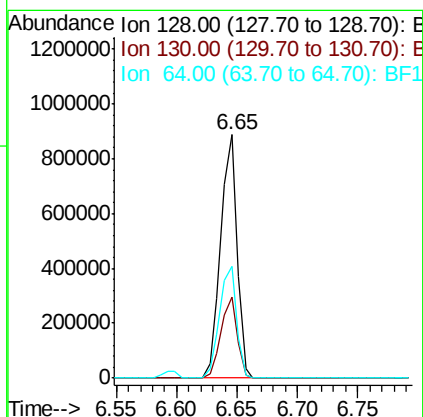
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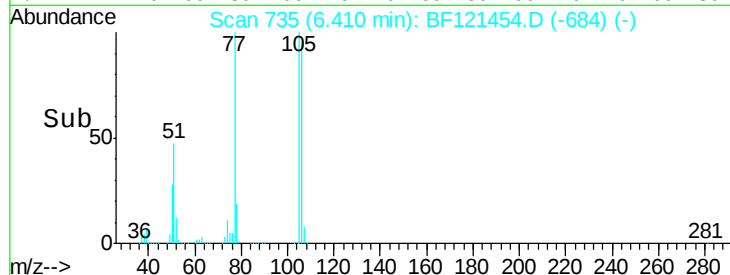
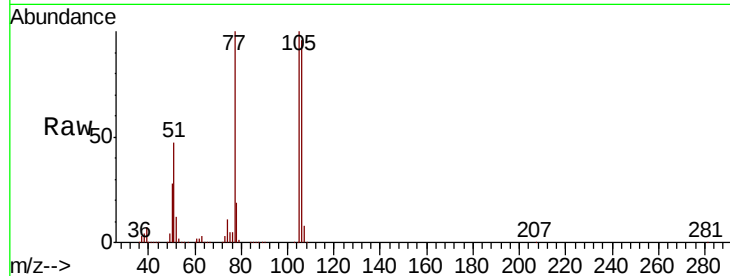
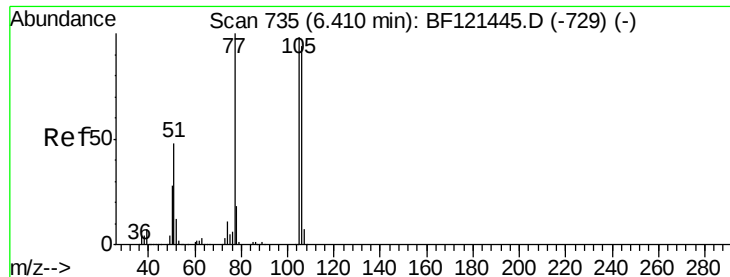
Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	33.4	12.6	52.6	
64	45.9	29.5	69.5	





#9

Benzaldehyde

Concen: 44.760 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

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Tot Ion:	77	Resp:	550957
Ion Ratio	Lower	Upper	
77	100		
105	99.5	78.1	118.1
106	96.0	74.3	114.3

Instrument :

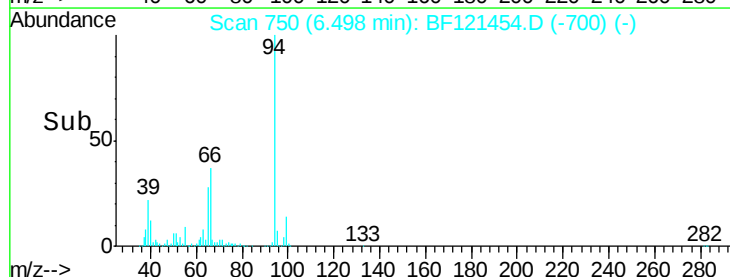
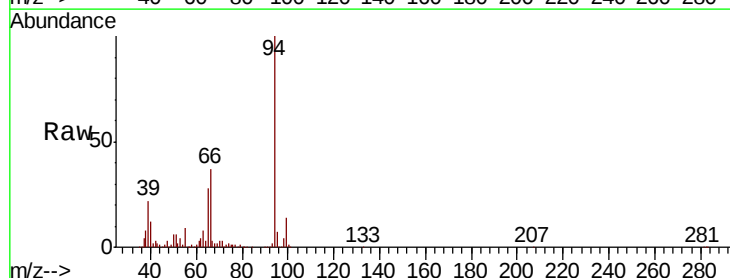
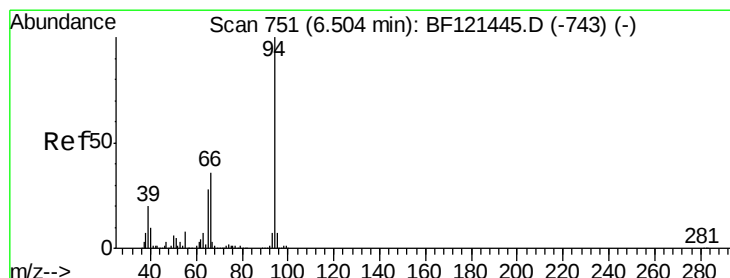
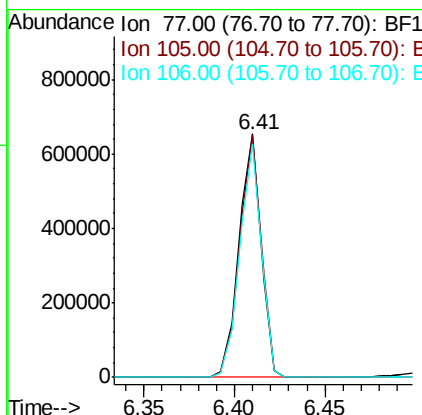
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ClientSampleId :

PB131187BS

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#10

Phenol

Concen: 42.556 ng

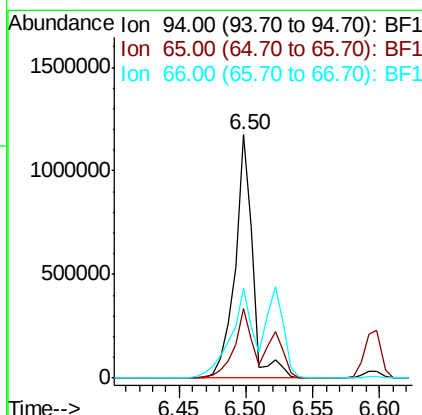
RT: 6.50 min Scan# 750

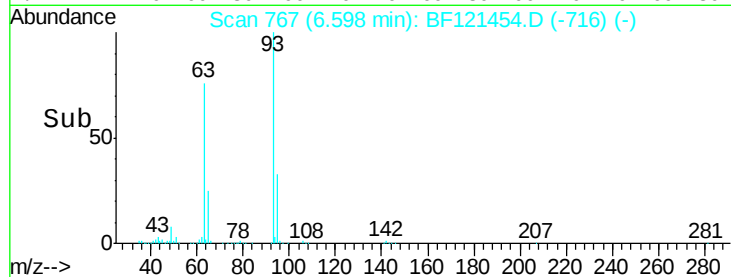
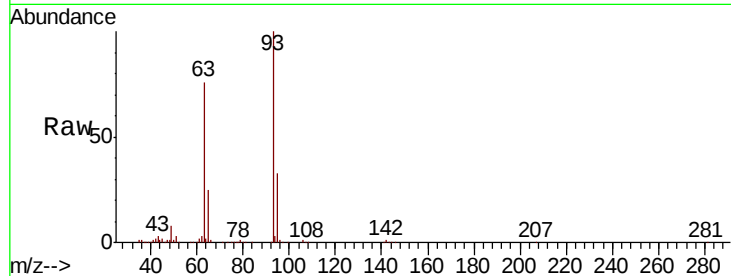
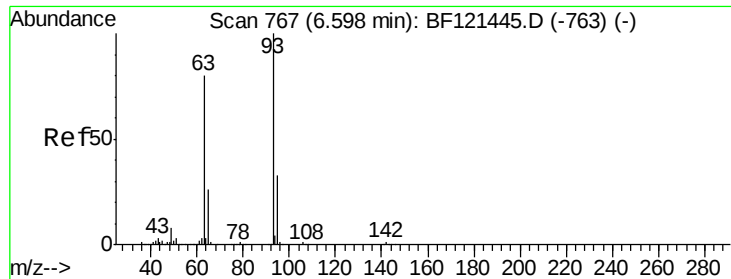
Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:	94	Resp:	1089342
Ion Ratio	Lower	Upper	
94	100		
65	28.5	7.9	47.9
66	36.9	16.0	56.0





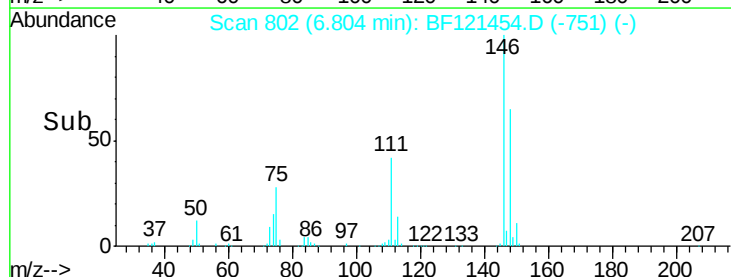
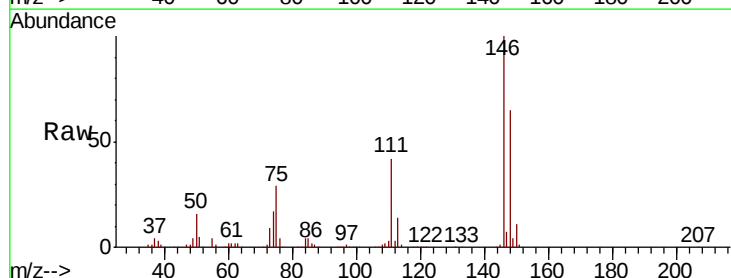
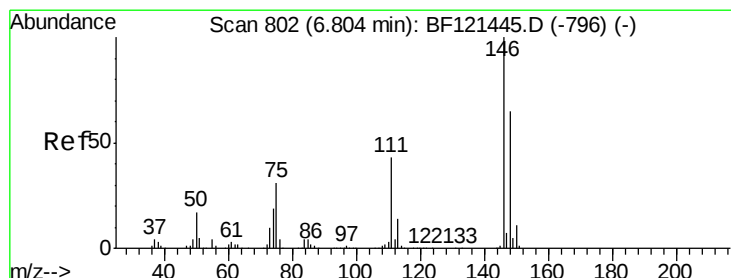
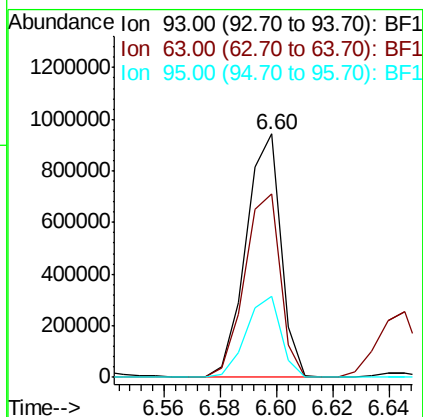
#11
bis(2-Chloroethyl)ether
Concen: 38.851 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tot Ion	93	Resp	808003
Ion Ratio	Lower	Upper	
93	100		
63	75.6	59.3	99.3
95	33.3	13.0	53.0

Instrument :
BNA_F
ClientSampleId :
PB131187BS

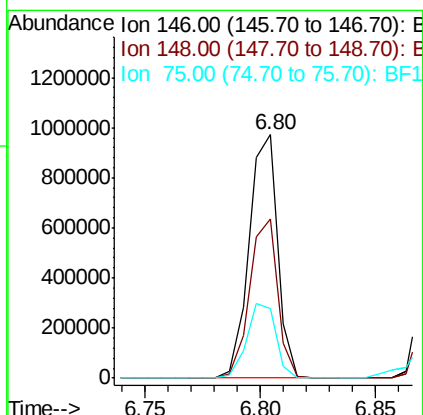
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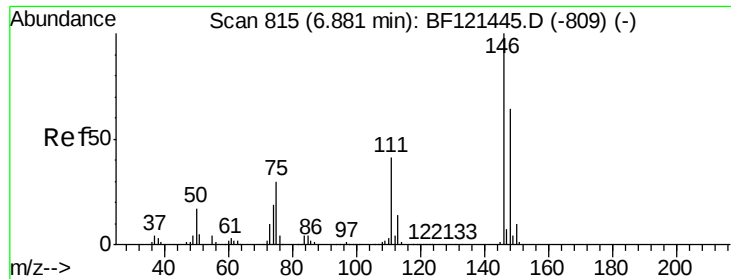
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#12
1,3-Dichlorobenzene
Concen: 36.907 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	146	Resp	844515
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.1	78.1
75	28.5	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 37.081 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

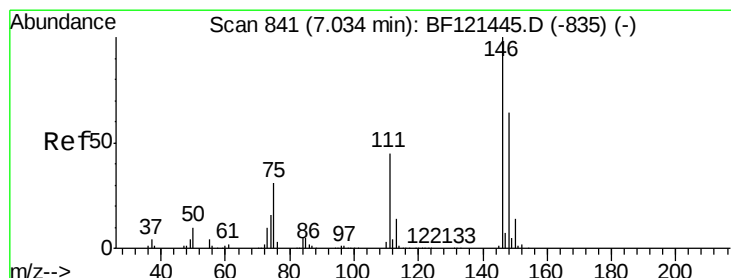
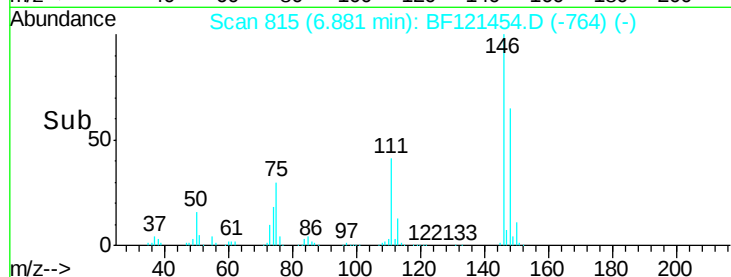
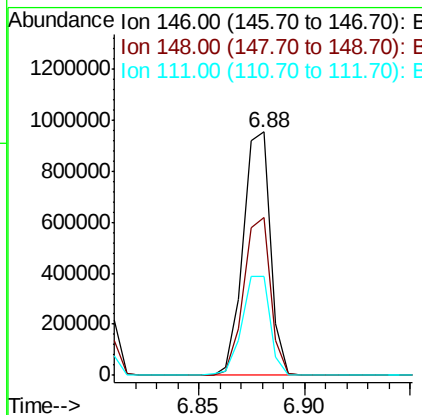
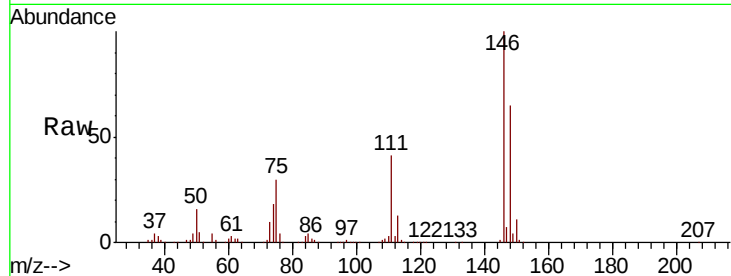
ClientSampleId :

PB131187BS

Tot Ion:	146	Resp:	850348
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.2	76.8
111	40.6	33.0	49.6

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#14

1,2-Dichlorobenzene

Concen: 38.632 ng

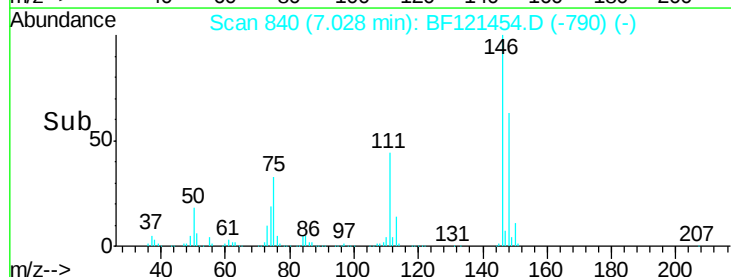
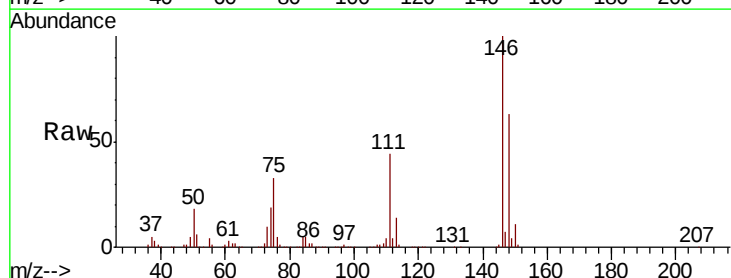
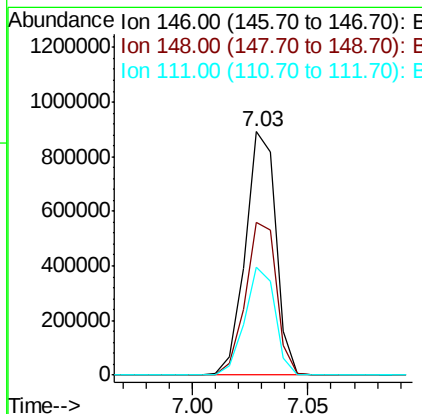
RT: 7.03 min Scan# 840

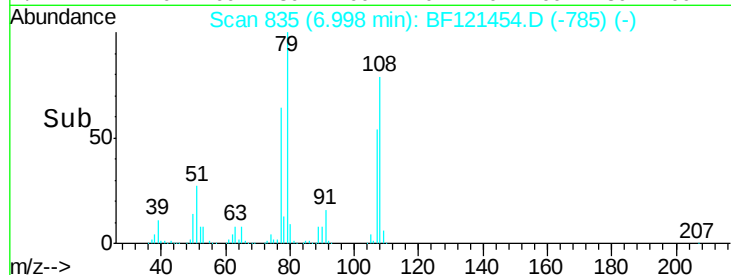
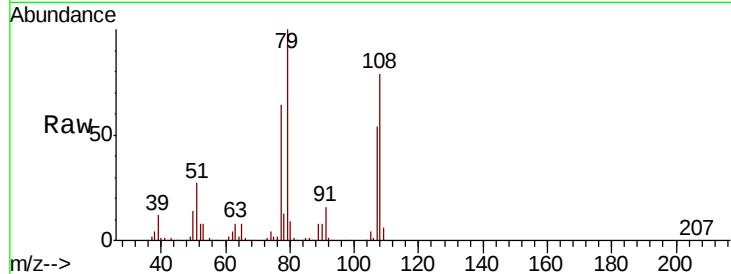
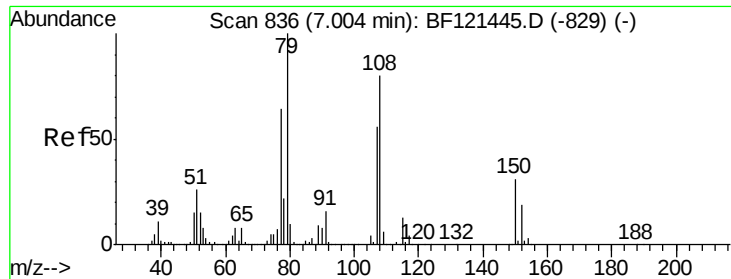
Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:	146	Resp:	824892
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.1	76.7
111	44.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 41.158 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tot Ion:	79	Resp:	706885
Ion Ratio	Lower	Upper	
79	100		
108	78.7	64.0	96.0
77	63.8	50.8	76.2

Instrument :

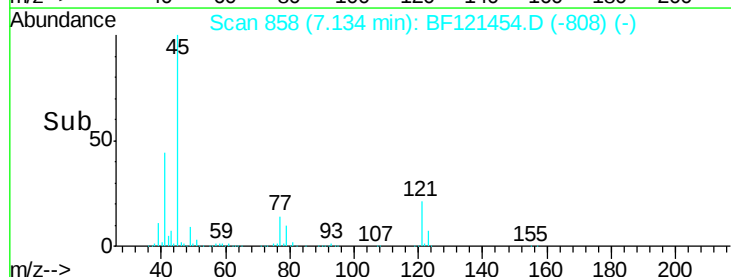
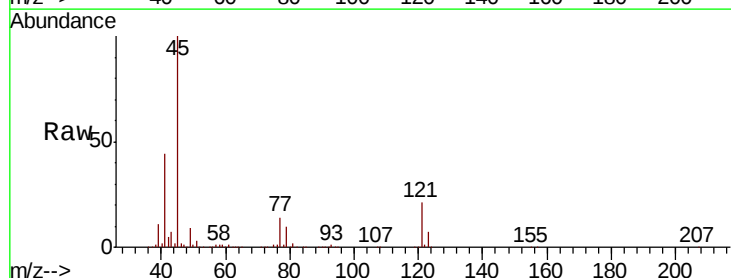
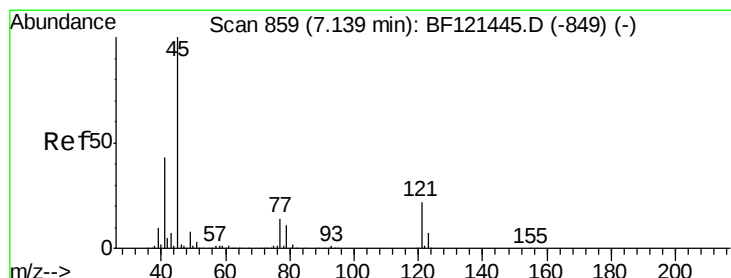
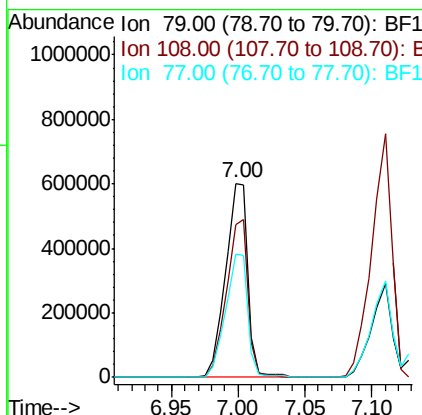
BNA_F

ClientSampled :

PB131187BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.875 ng

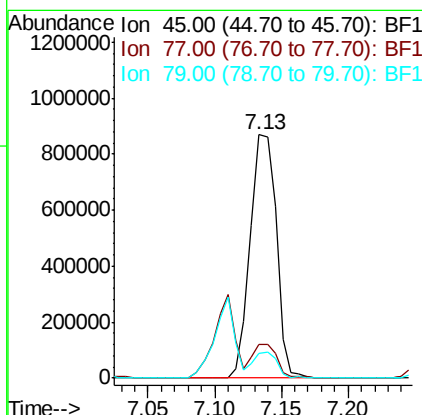
RT: 7.13 min Scan# 858

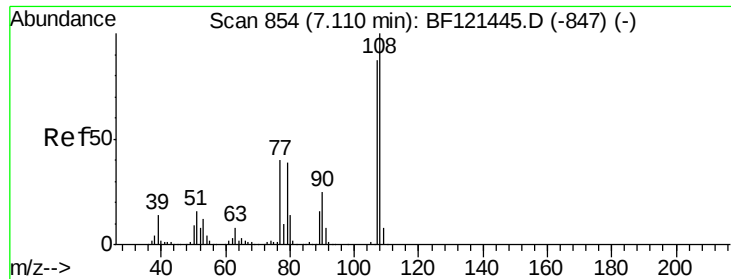
Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:	45	Resp:	1166948
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.8
79	10.3	0.0	31.1





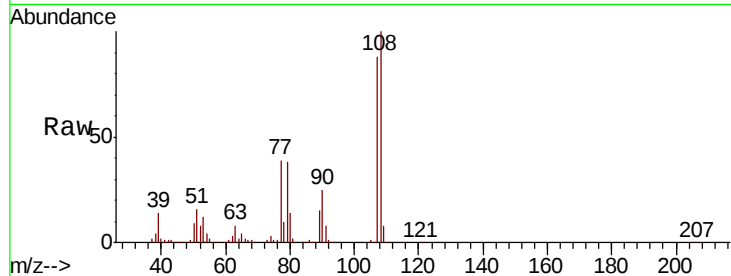
#17
2-Methylphenol
Concen: 41.112 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	679791		
108	114.3	91.7	137.5	
77	45.0	36.4	54.6	
79	43.8	35.5	53.3	

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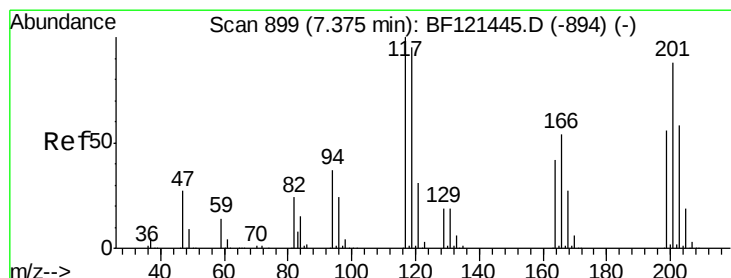
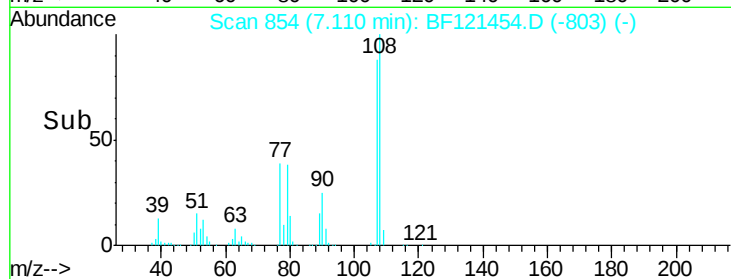
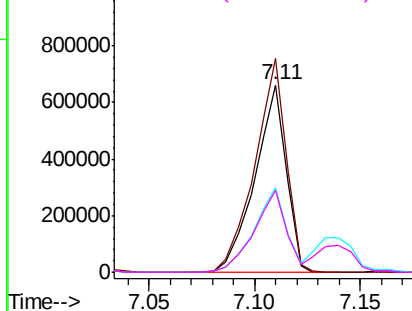
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

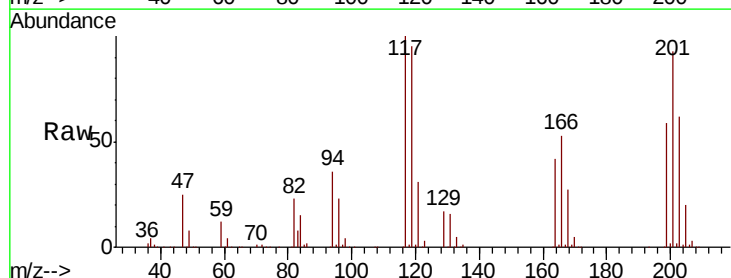
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.277 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308254		
119	95.2	75.8	113.8	
201	92.7	70.4	105.6	

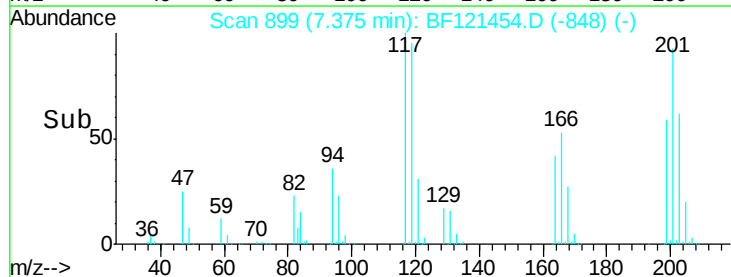
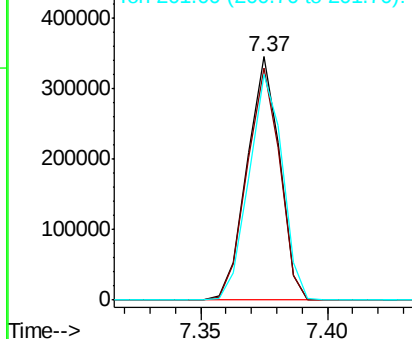


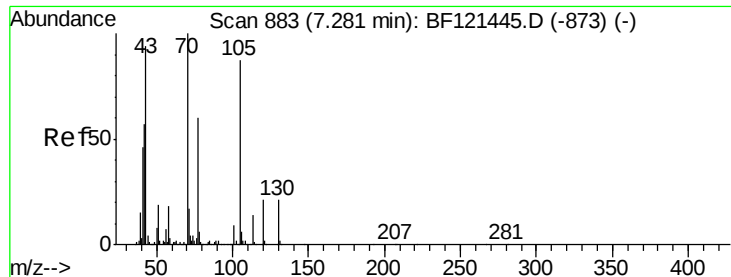
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





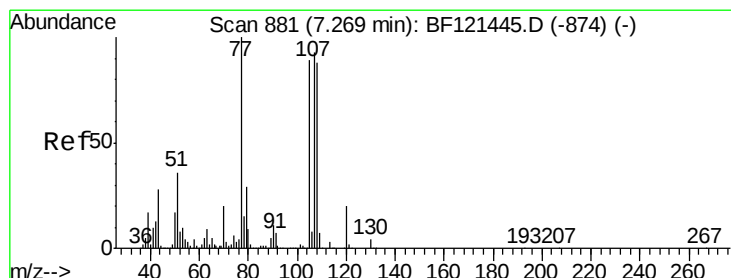
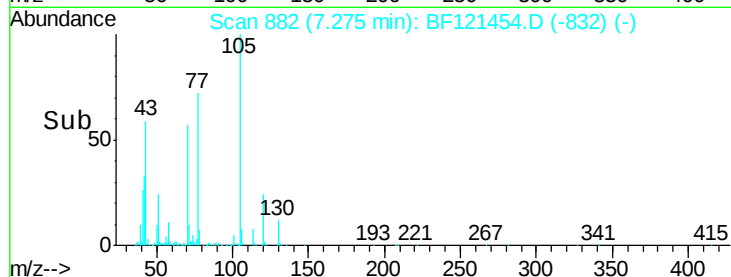
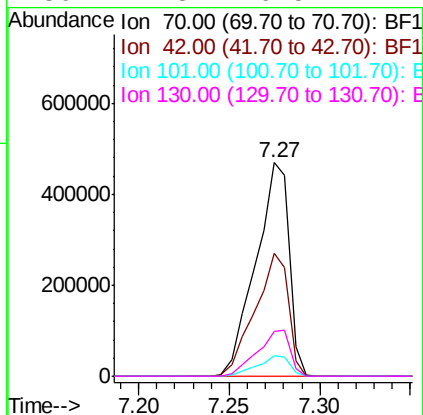
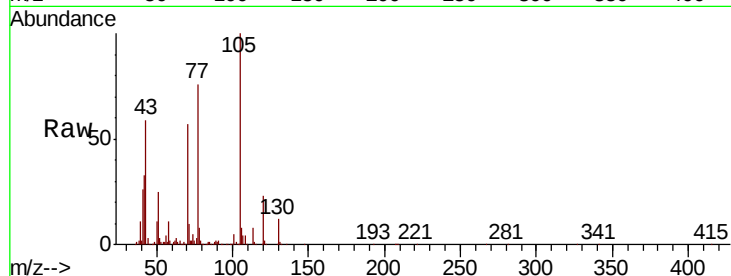
#19
n-Nitroso-di-n-propylamine
Concen: 40.912 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.3	45.8	68.6		
101	9.4	7.5	11.3		
130	21.3	16.5	24.7		

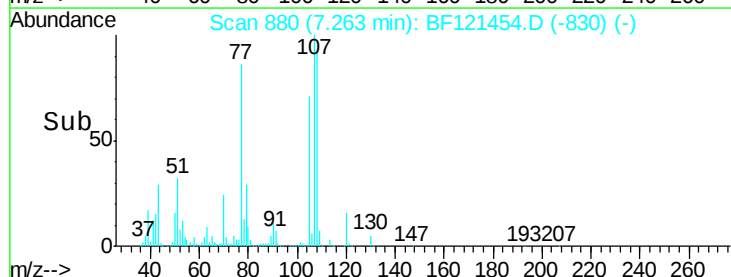
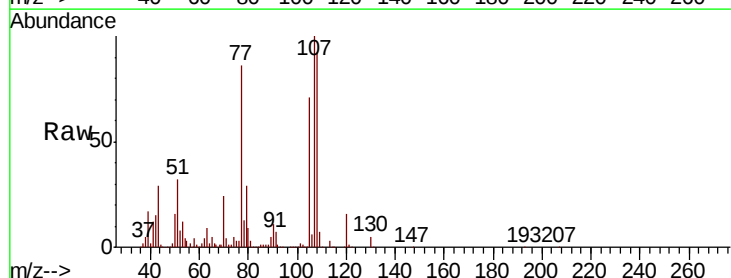
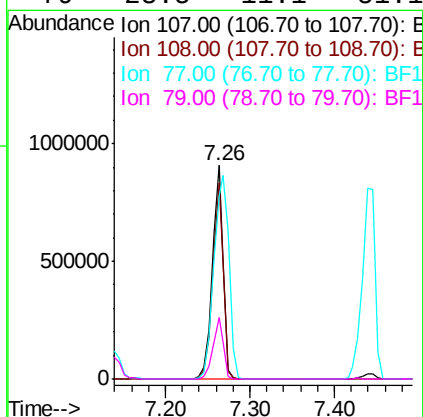
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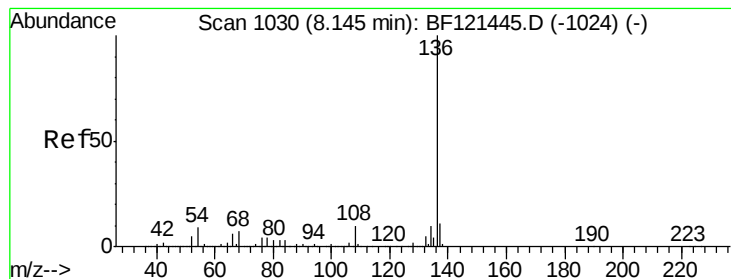
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#20
3+4-Methylphenols
Concen: 41.563 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	75.0	115.0		
77	86.0	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: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:136 Resp: 1215780

Ion Ratio Lower Upper

136 100

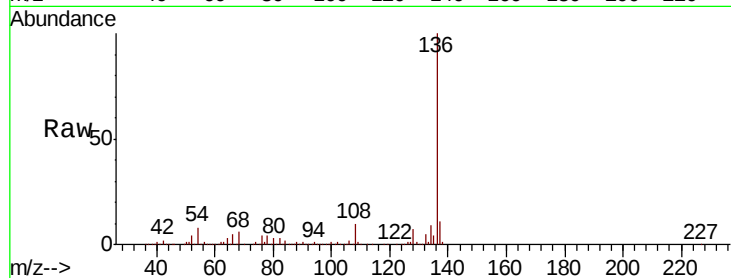
137 11.3 9.1 13.7

54 8.2 7.0 10.4

68 6.5 5.5 8.3

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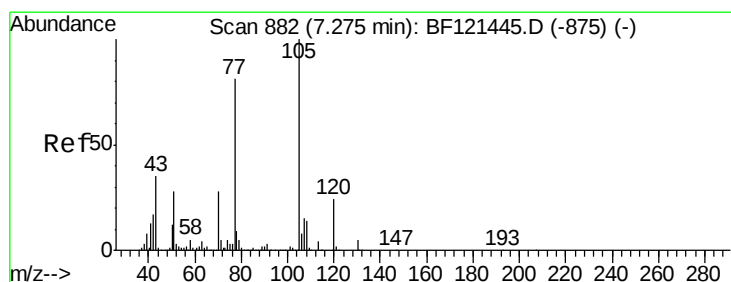
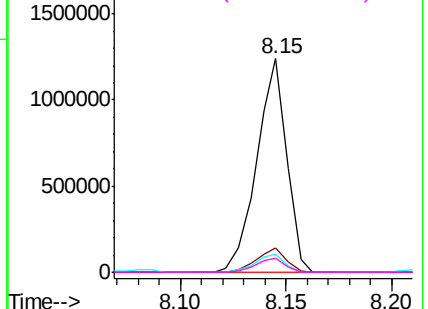
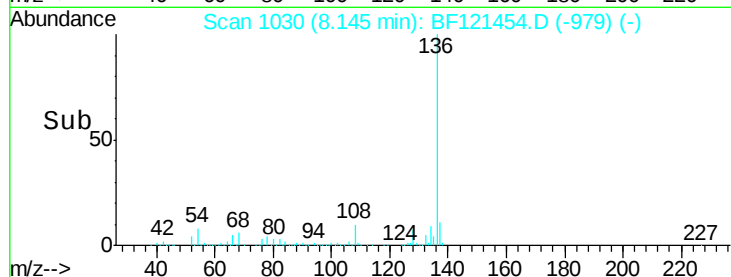


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.234 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:105 Resp: 1115747

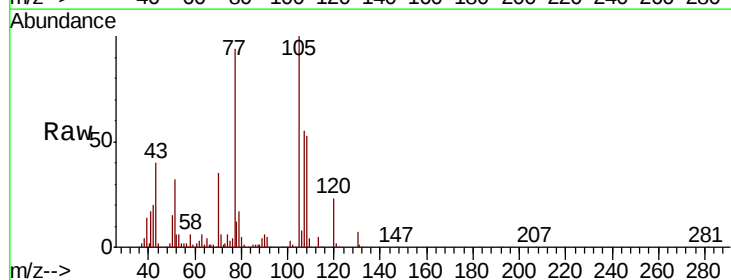
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.6#

51 32.3 22.6 33.8

120 22.5 18.9 28.3

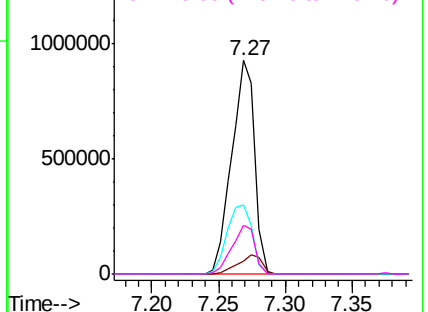
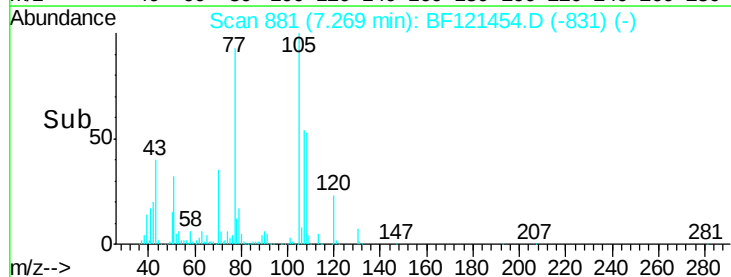


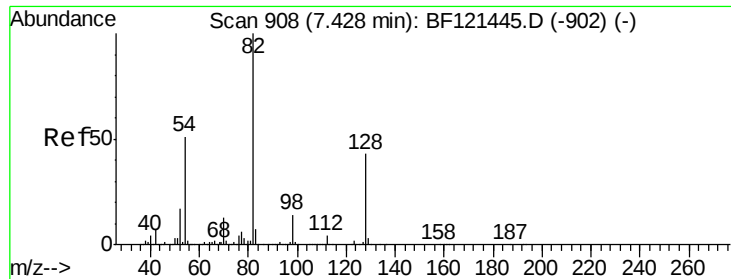
Abundance Ion 105.00 (104.70 to 105.70): E

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





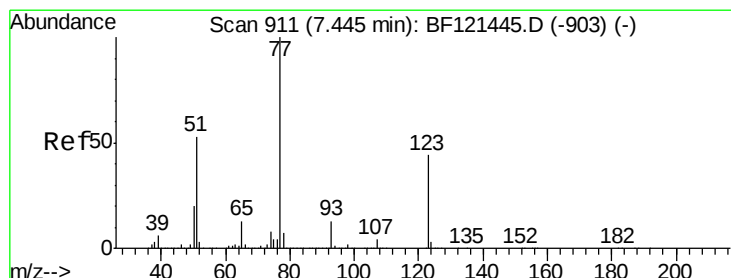
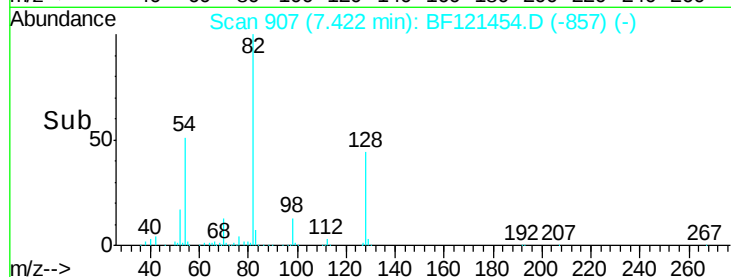
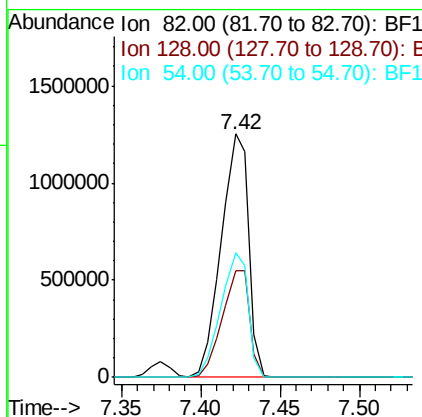
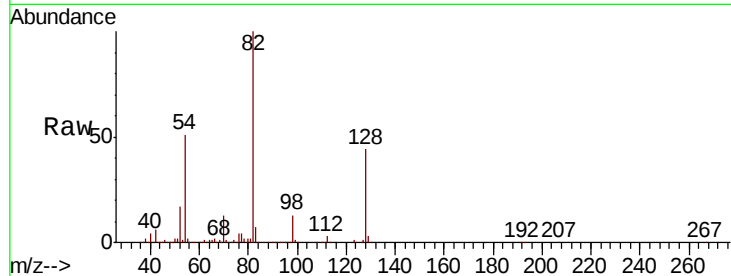
#23
 Nitrobenzene-d5
 Concen: 84.436 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.1	51.1
54	51.1	41.0	61.6

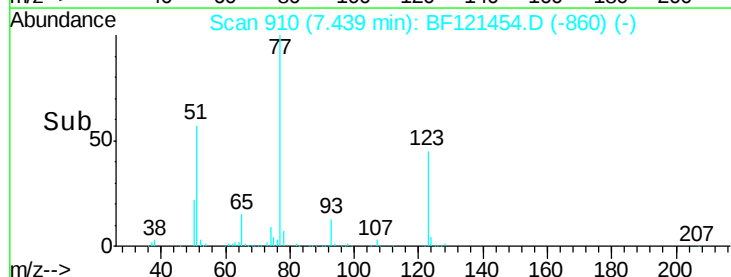
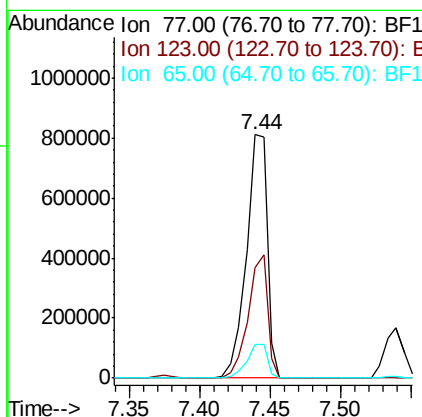
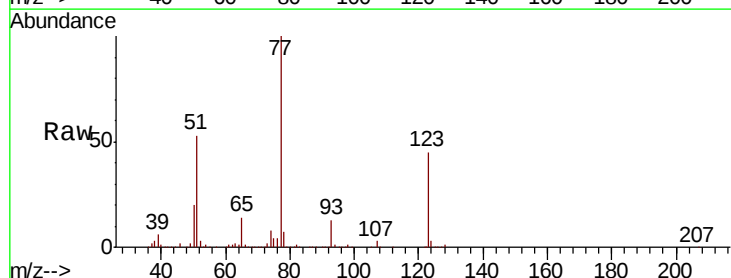
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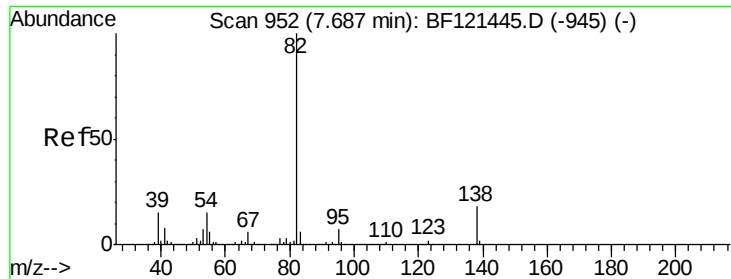
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#24
 Nitrobenzene
 Concen: 47.222 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.5	53.3
65	13.6	10.6	16.0





#25

Isophorone

Concen: 40.815 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion: 82 Resp: 1632559

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

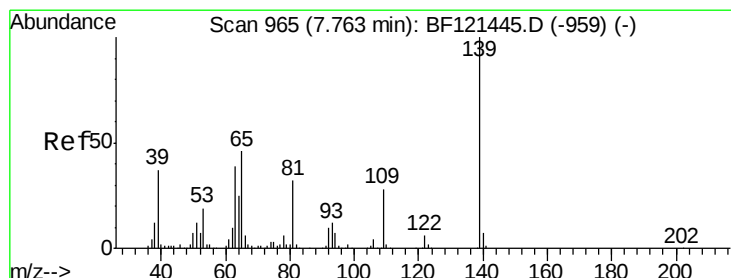
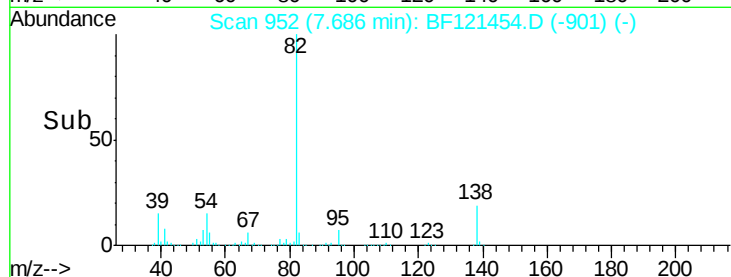
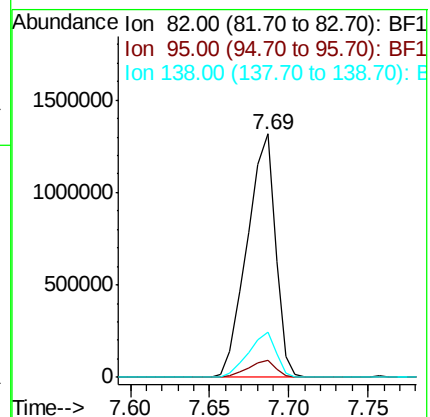
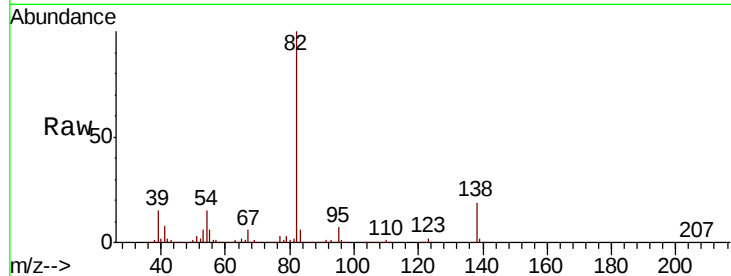
138 18.8 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.400 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

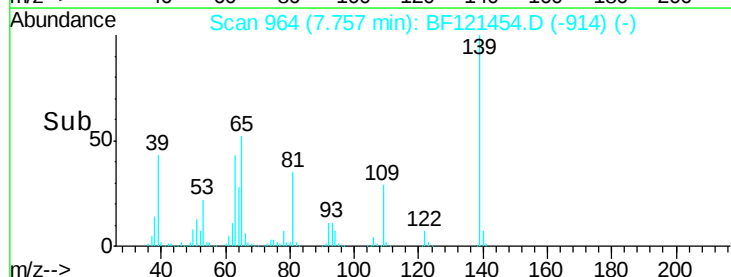
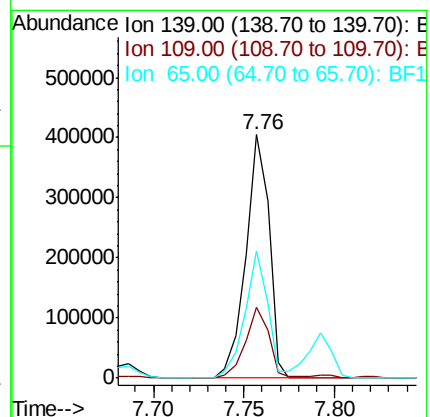
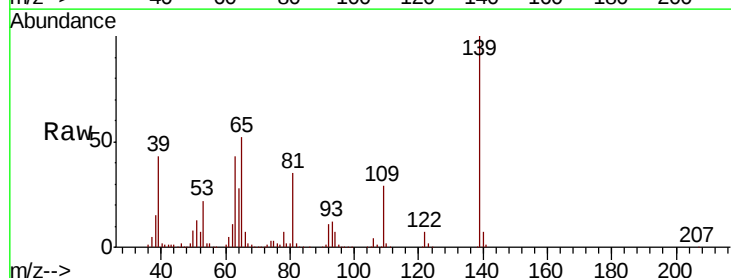
Tgt Ion: 139 Resp: 361111

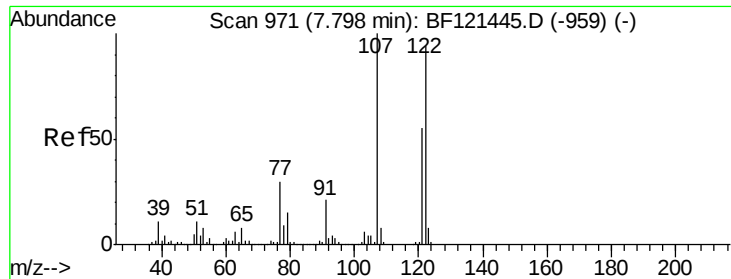
Ion Ratio Lower Upper

139 100

109 28.9 22.1 33.1

65 52.3 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 47.350 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

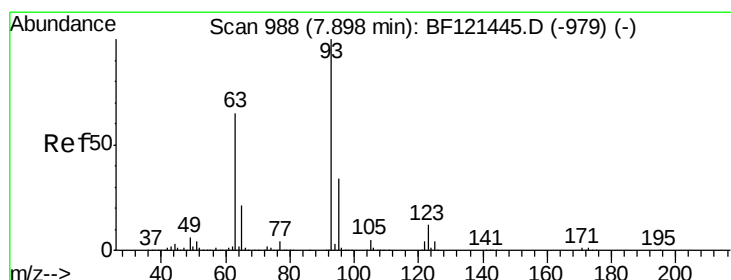
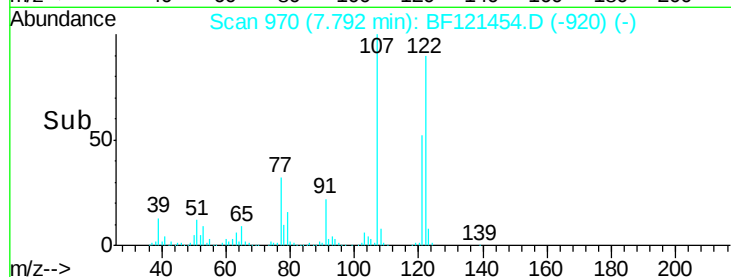
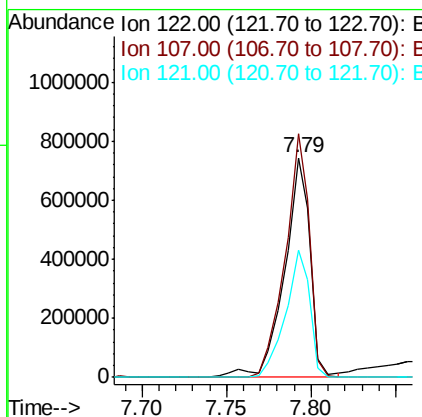
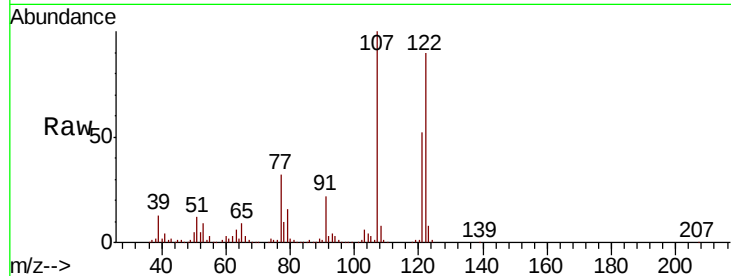
ClientSampled :

PB131187BS

Tot Ion:	122	Resp:	785521
Ion Ratio	Lower	Upper	
122	100		
107	110.9	84.9	127.3
121	58.1	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 38.045 ng

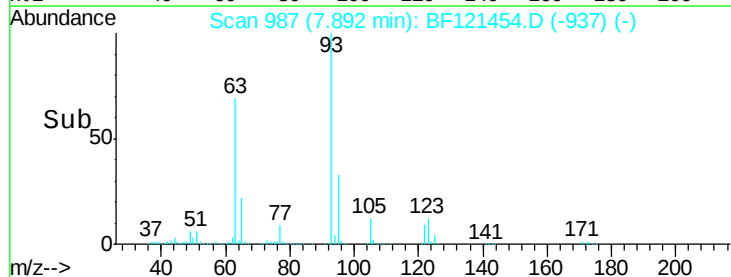
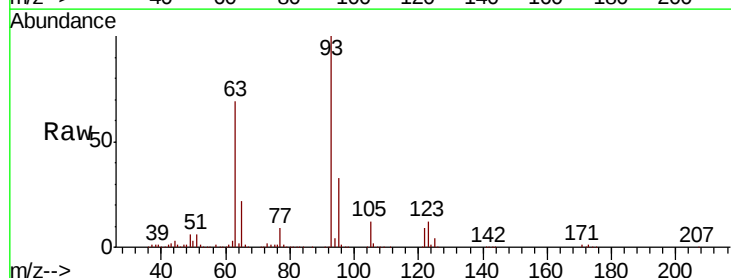
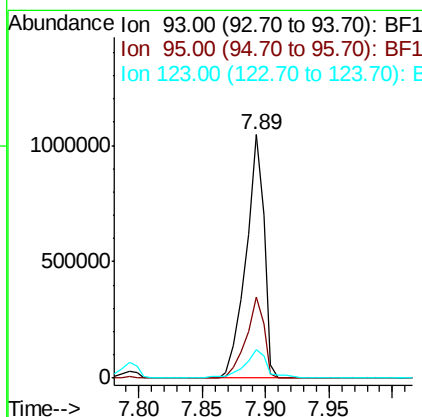
RT: 7.89 min Scan# 987

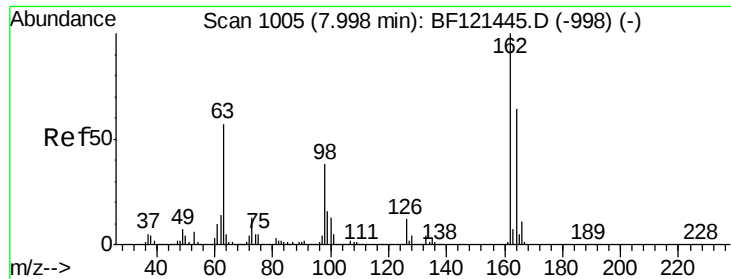
Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:	93	Resp:	1034790
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	12.0	9.6	14.4





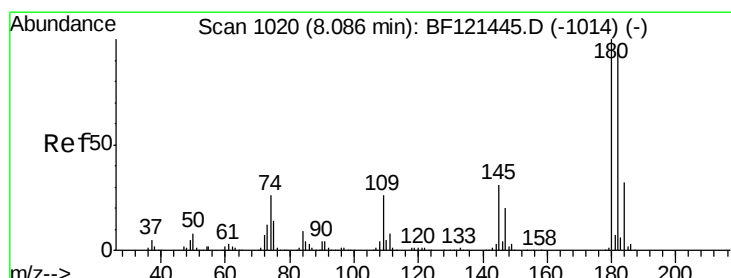
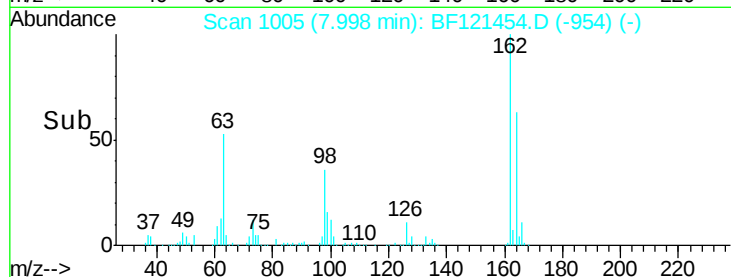
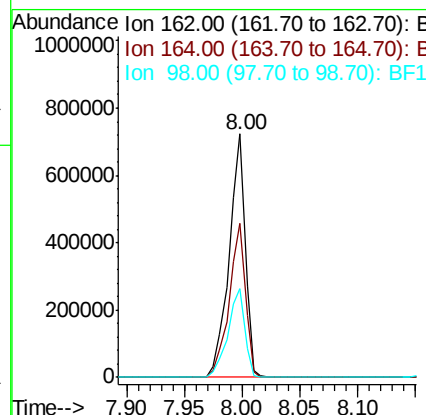
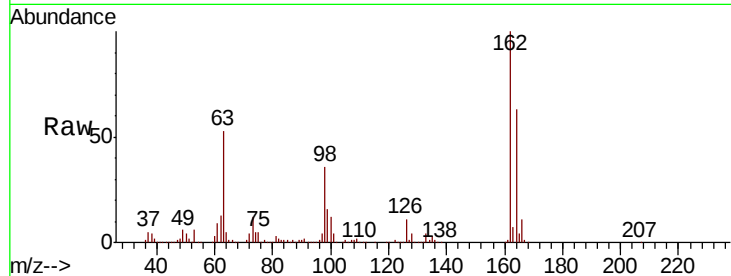
#29
2,4-Dichlorophenol
Concen: 42.955 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	703618		
164	63.4	44.0	84.0	
98	36.5	18.4	58.4	

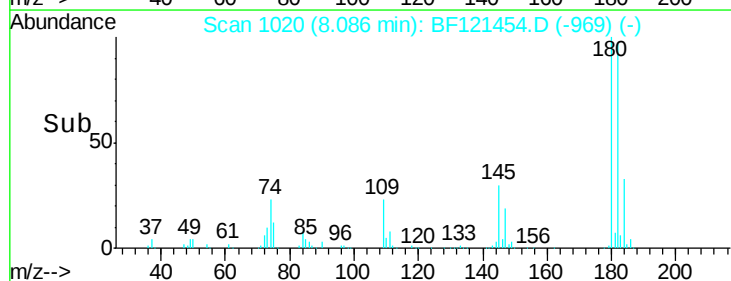
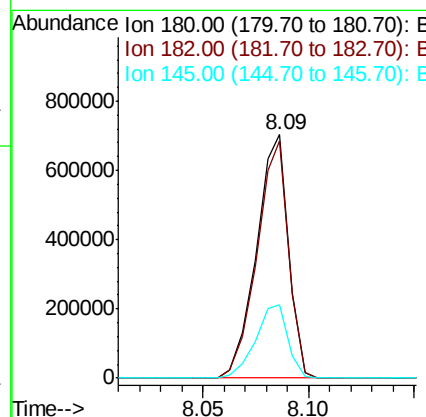
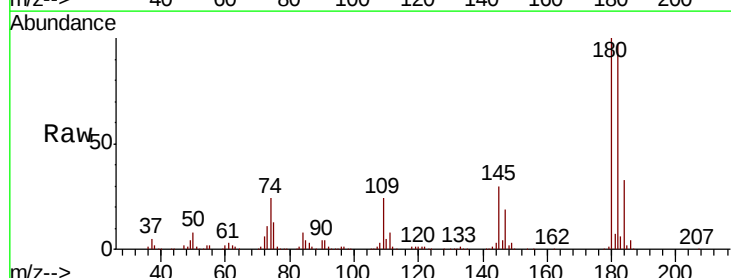
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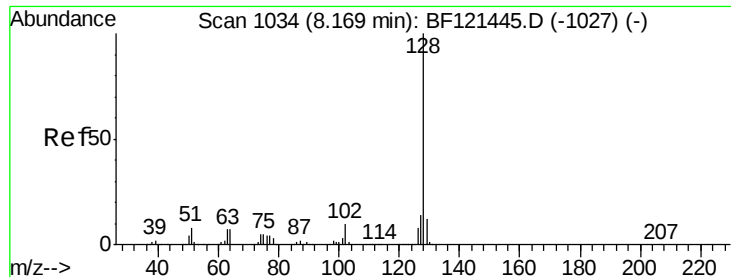
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#30
1,2,4-Trichlorobenzene
Concen: 36.765 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	737744		
182	97.2	76.2	114.4	
145	30.1	25.2	37.8	





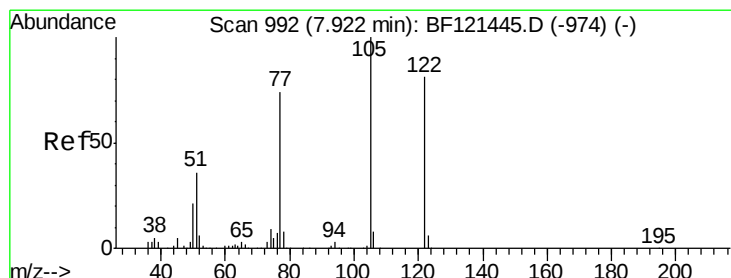
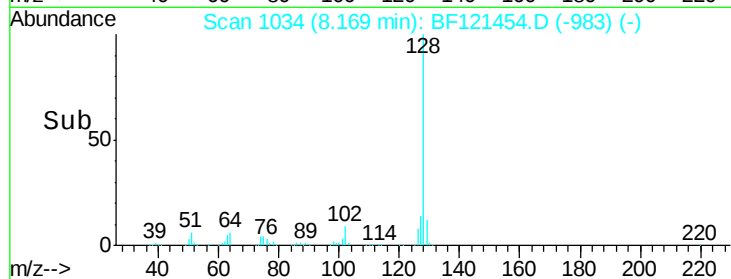
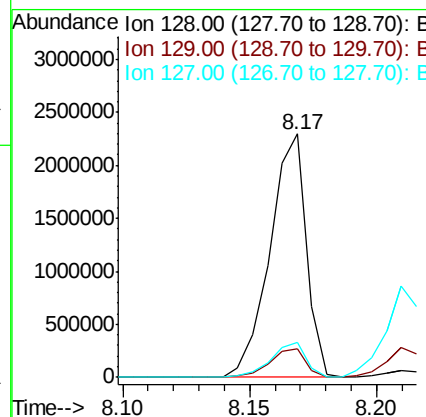
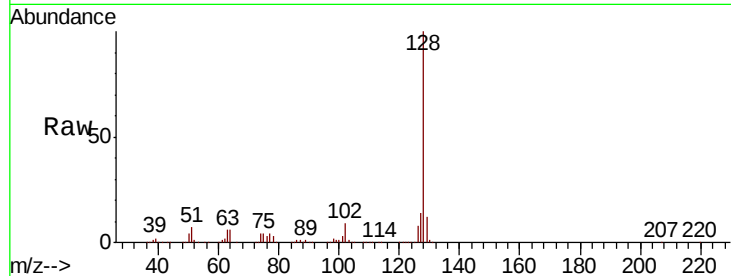
#31
Naphthalene
Concen: 38.374 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.3	11.4	17.2

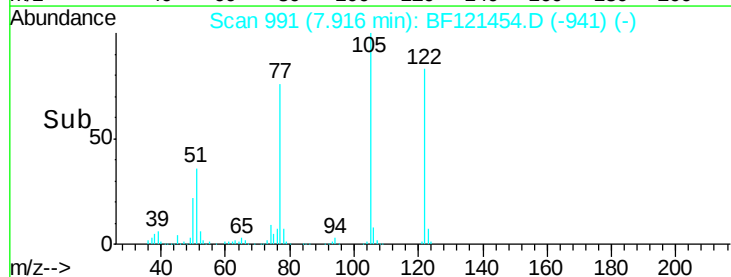
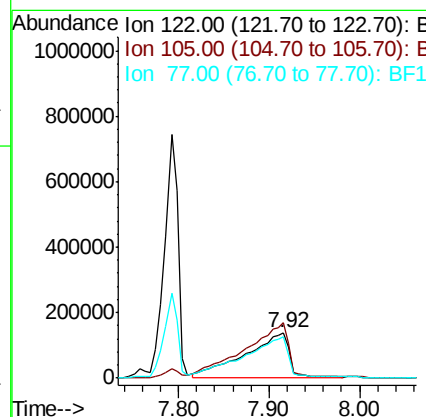
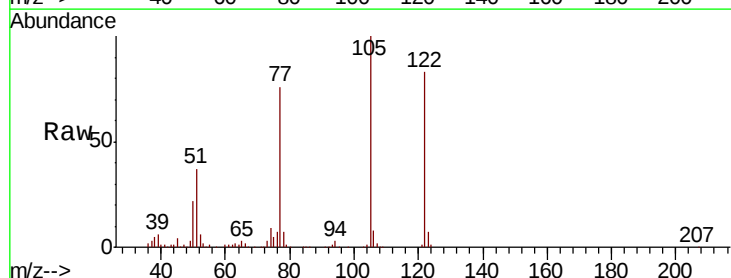
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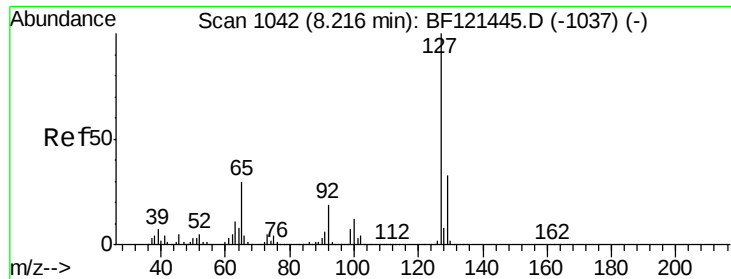
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#32
Benzoic acid
Concen: 46.010 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	100.8	140.8
77	91.8	71.5	111.5





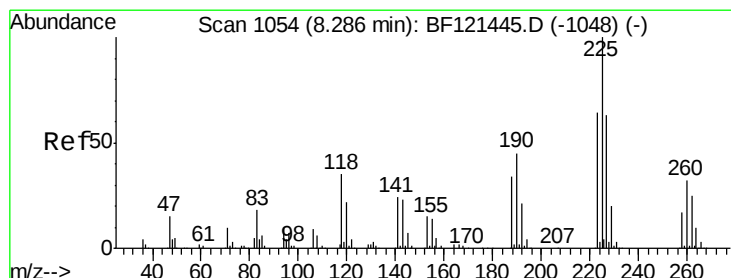
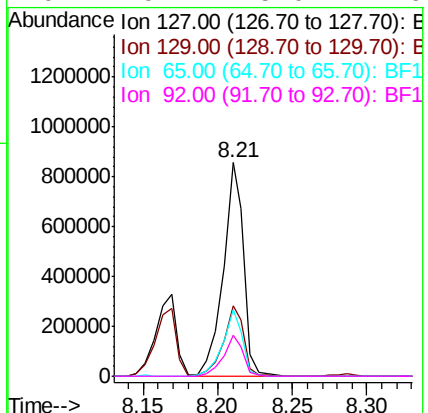
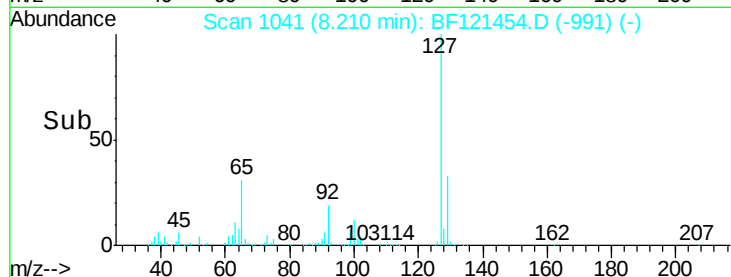
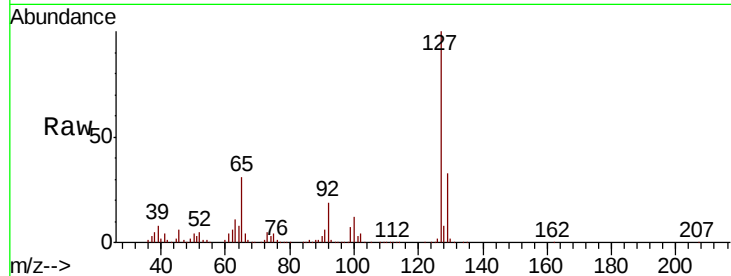
#33
4-Chloroaniline
Concen: 30.712 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.1	39.1		
65	31.3	23.7	35.5		
92	19.4	15.0	22.6		

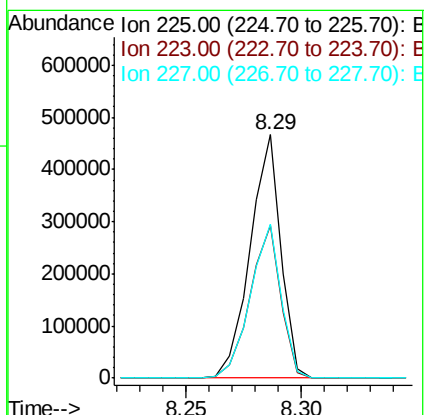
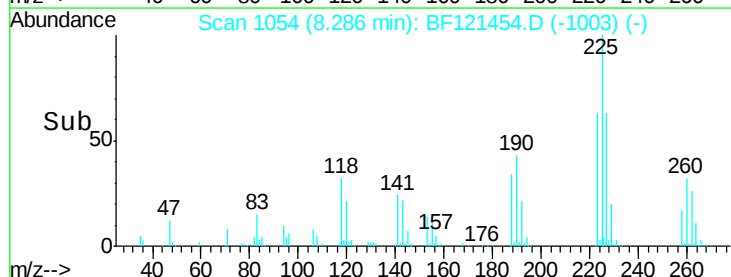
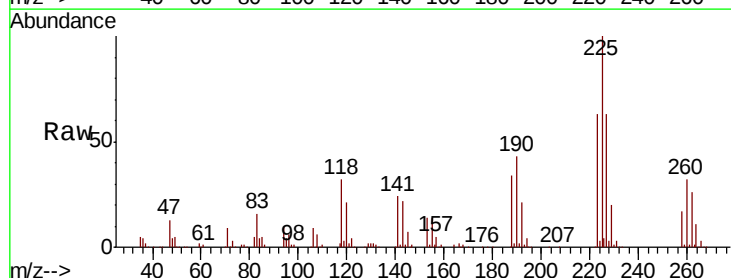
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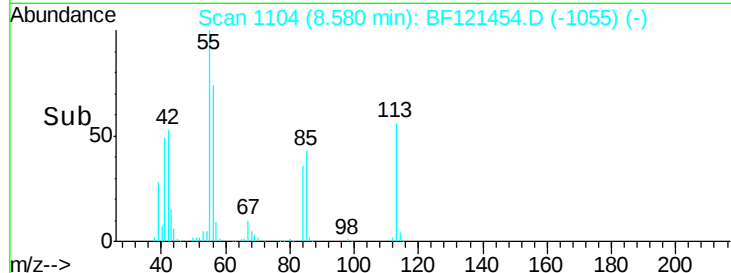
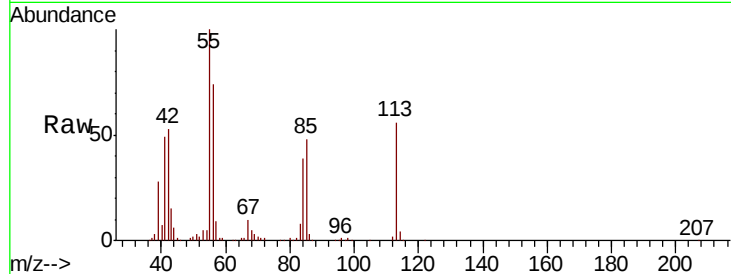
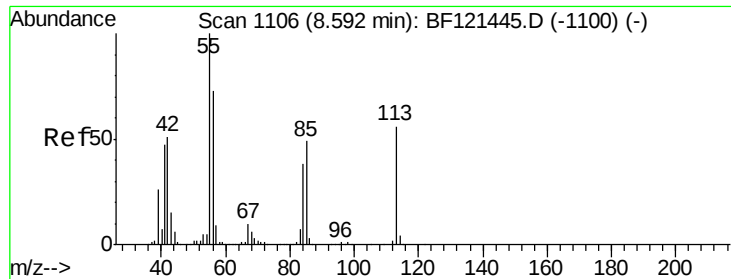
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#34
Hexachlorobutadiene
Concen: 36.193 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.4		
227	63.3	50.0	75.0		





#35

Caprolactam

Concen: 43.087 ng/mL

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tot Ion:	113	Resp:	230190
Ion Ratio	Lower	Upper	
113	100		
55	177.5	159.9	199.9
56	131.3	111.4	151.4

Instrument :

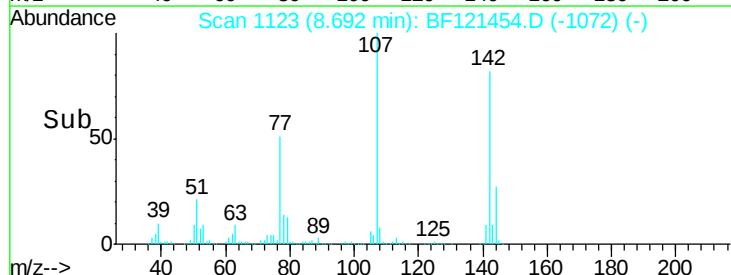
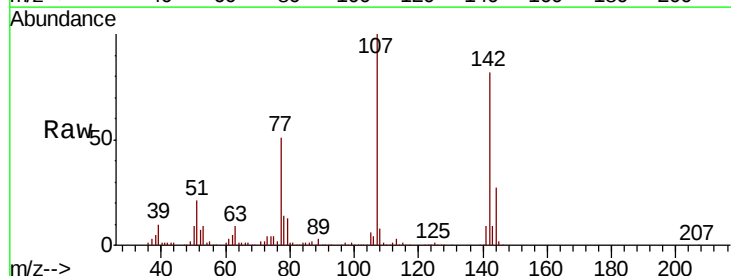
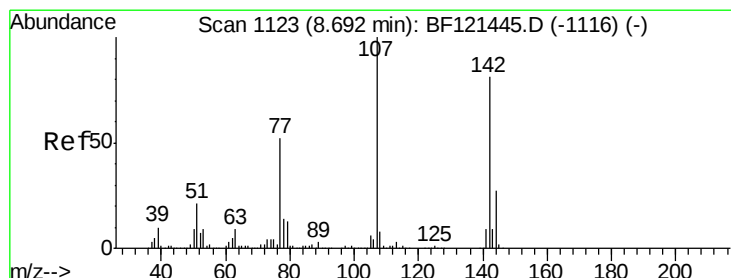
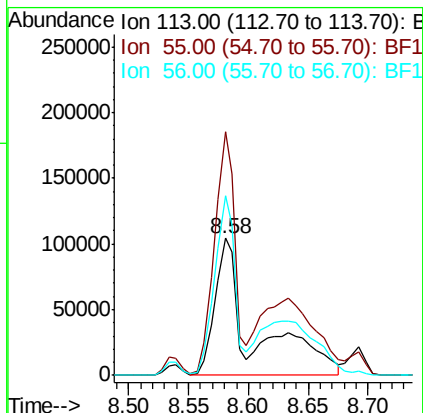
BNA_F

ClientSampleID :

PB131187BS

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#36

4-Chloro-3-methylphenol

Concen: 42.549 ng/mL

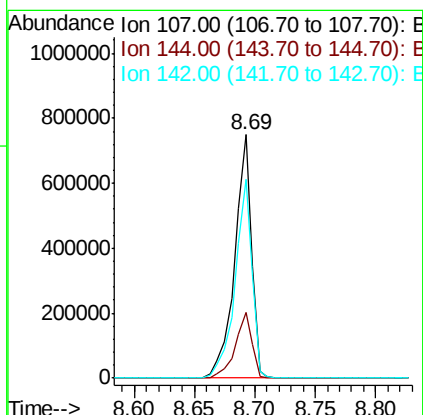
RT: 8.69 min Scan# 1123

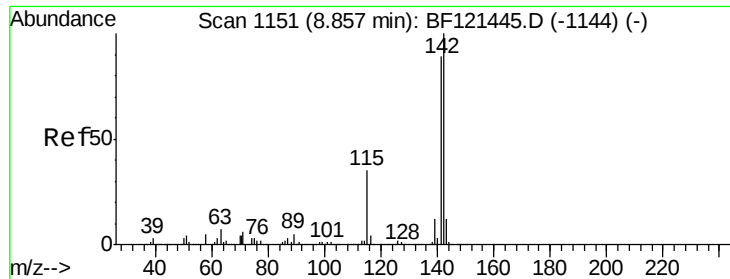
Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:	107	Resp:	734838
Ion Ratio	Lower	Upper	
107	100		
144	26.9	21.4	32.2
142	81.6	65.0	97.4





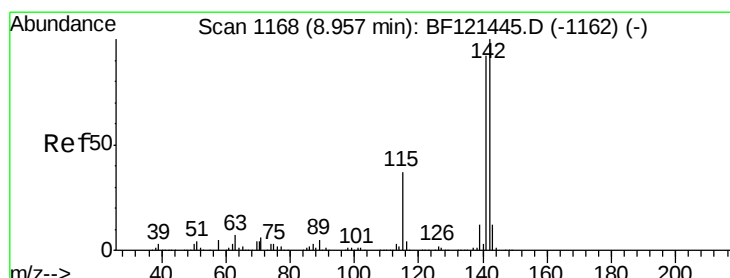
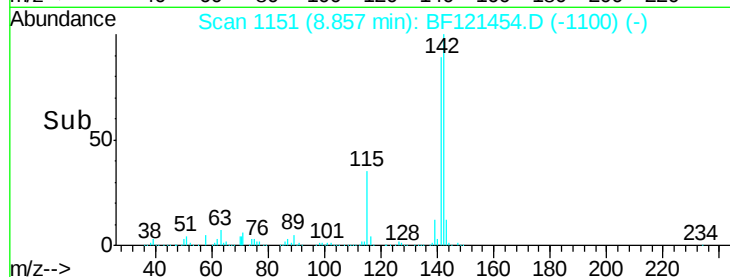
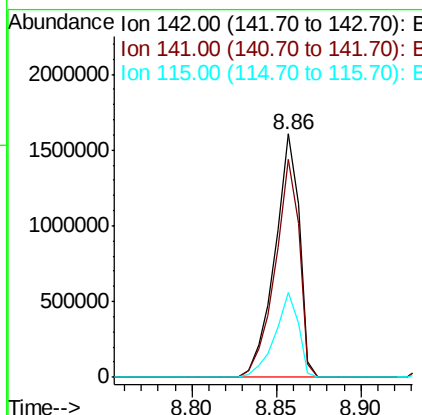
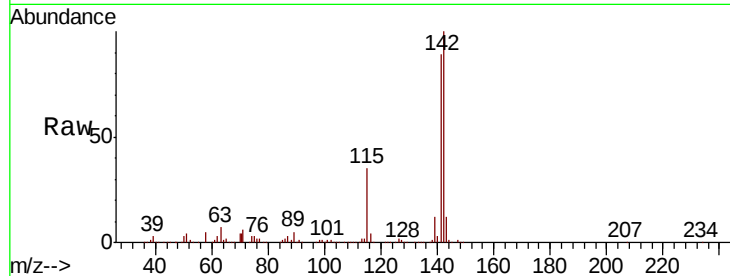
#37
2-Methylnaphthalene
Concen: 40.276 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	35.0	28.2	42.4

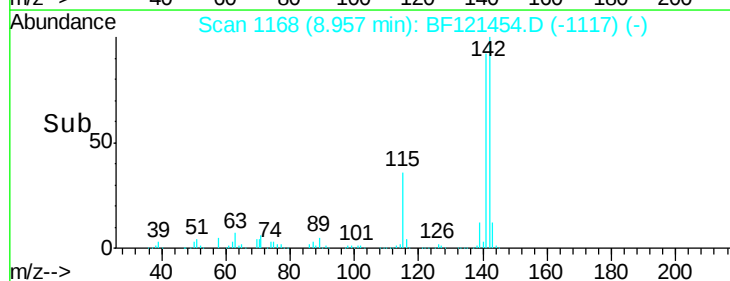
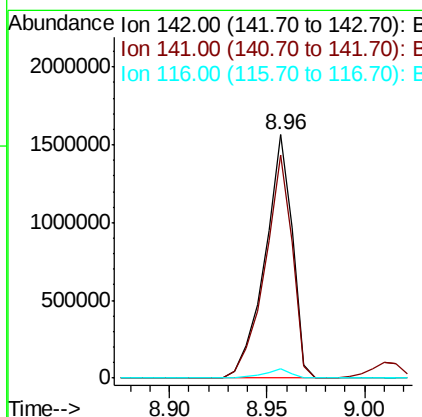
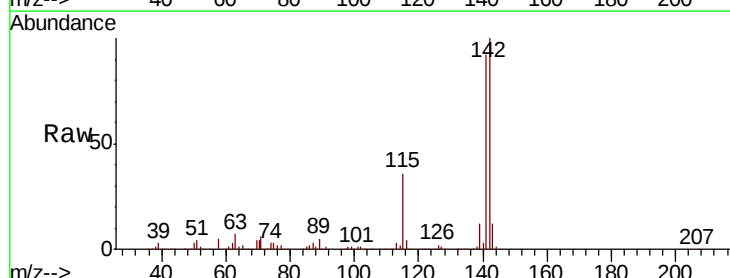
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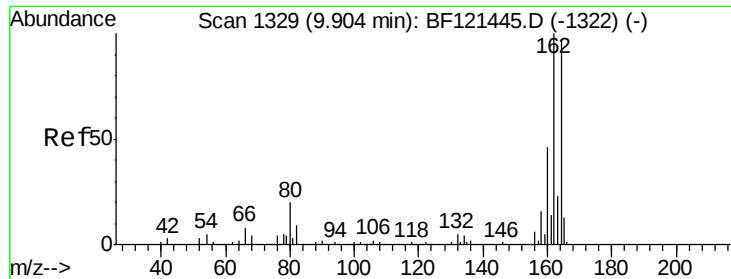
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#38
1-Methylnaphthalene
Concen: 40.110 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	4.0	3.1	4.7





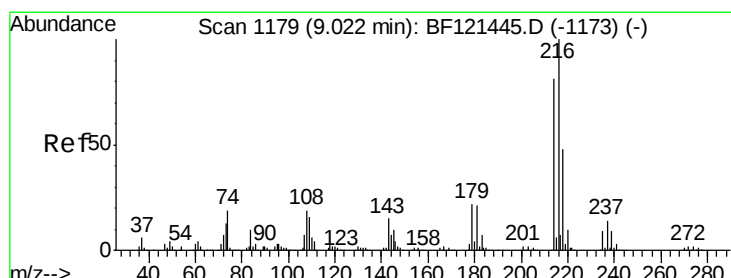
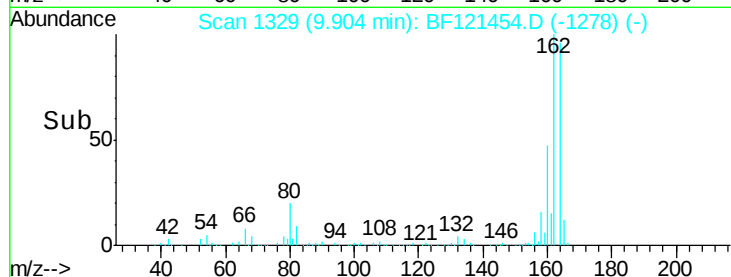
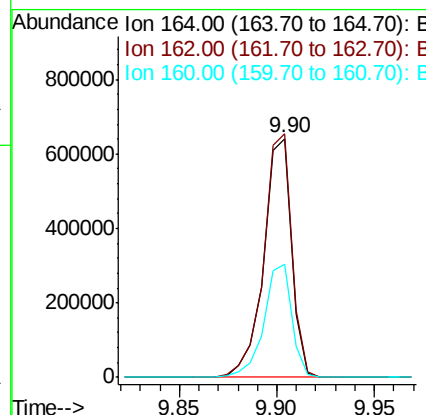
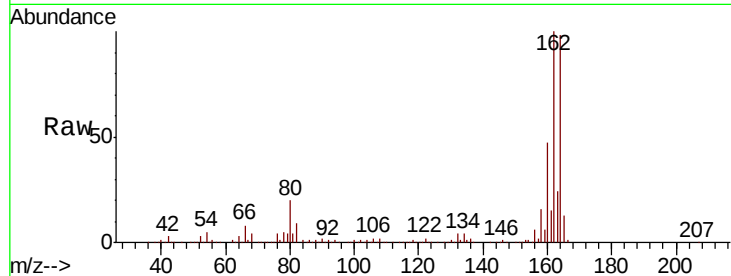
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.4	123.6	
160	47.4	37.6	56.4	

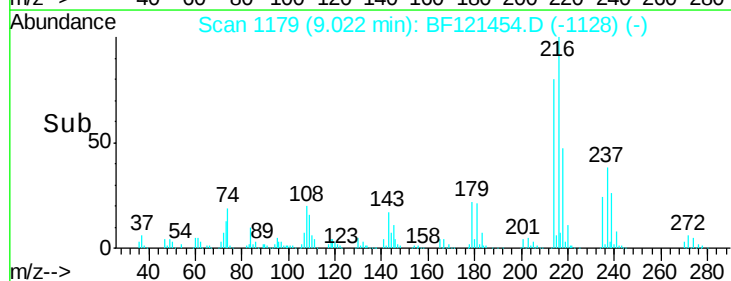
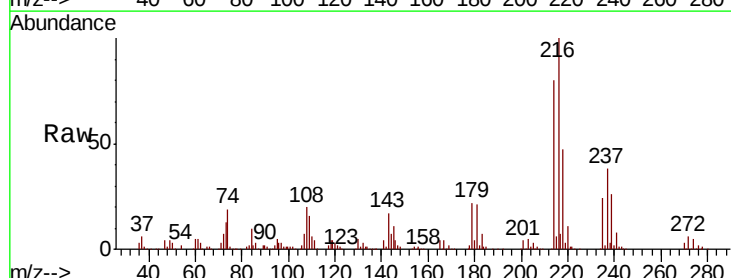
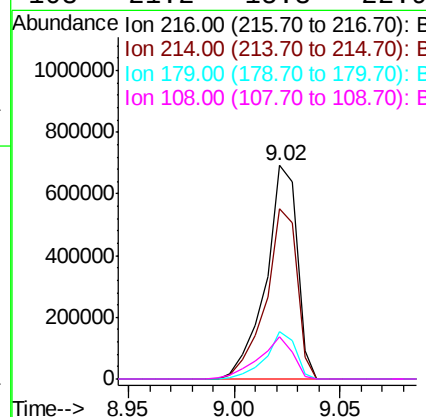
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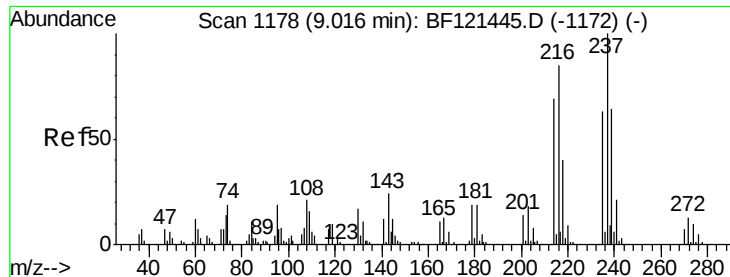
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.839 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	64.2	96.4	
179	20.9	17.0	25.4	
108	21.2	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 106.899 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

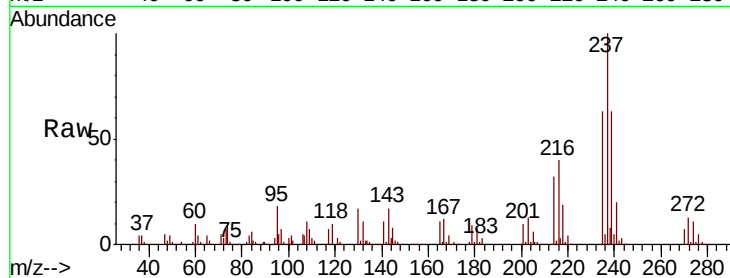
ClientSampleId :

PB131187BS

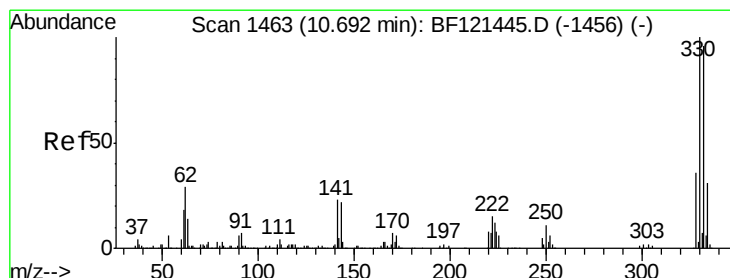
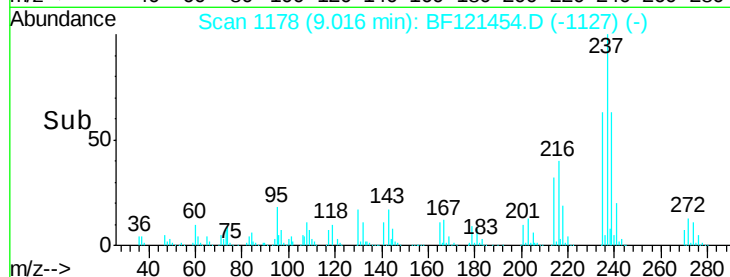
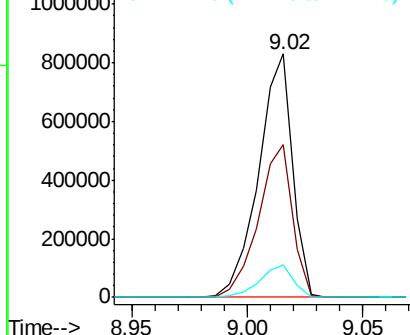
Tot Ion:	237	Resp:	849179
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.9	82.9
272	13.3	0.0	33.1

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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: 114.494 ng

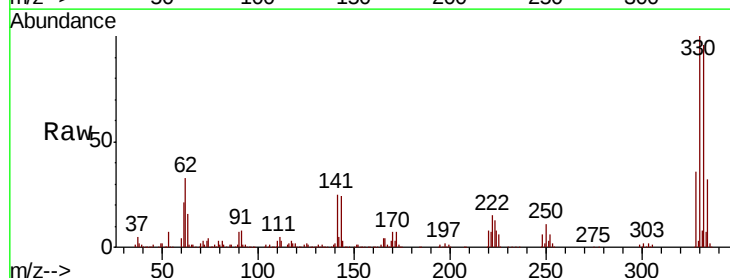
RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

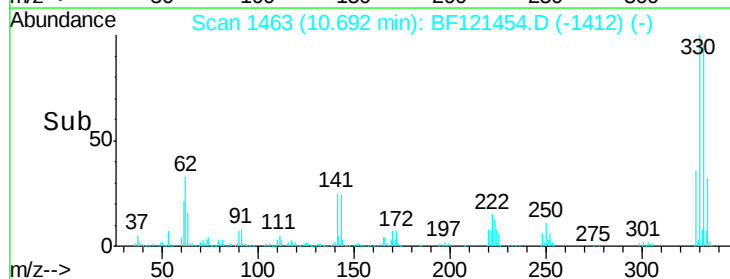
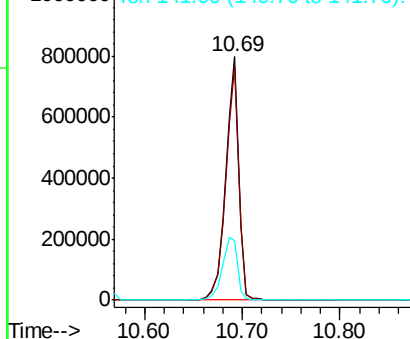
Lab File: BF121454.D

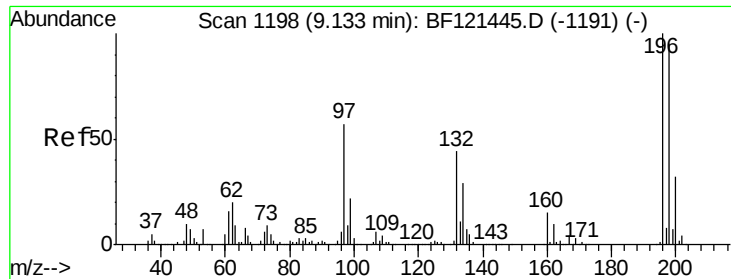
Acq: 28 Aug 2020 11:42

Tgt Ion:	330	Resp:	736951
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.2	114.2
141	30.2	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





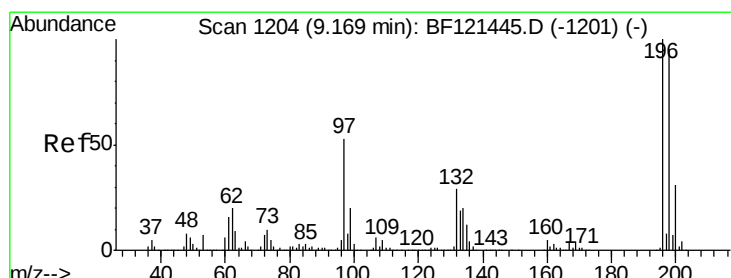
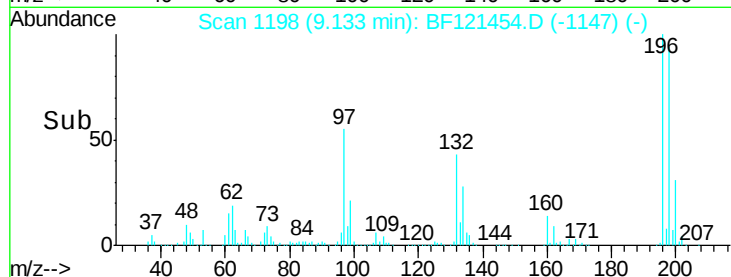
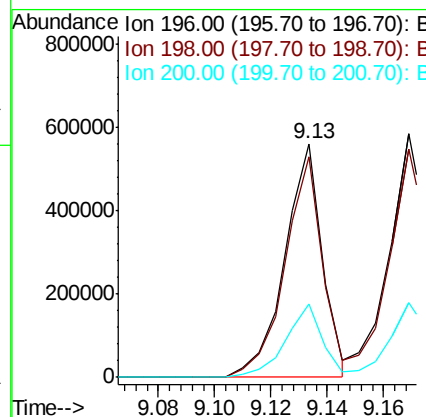
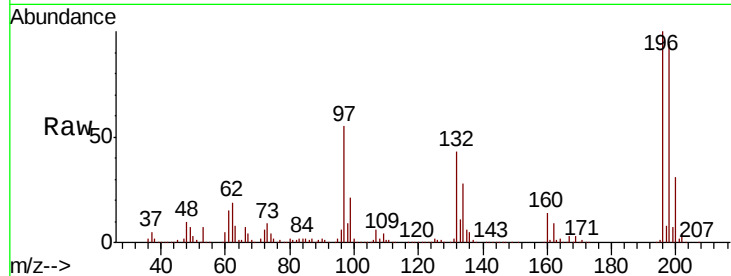
#43
 2,4,6-Trichlorophenol
 Concen: 43.323 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	517263		
198	94.4	75.8	113.6	
200	31.3	25.3	37.9	

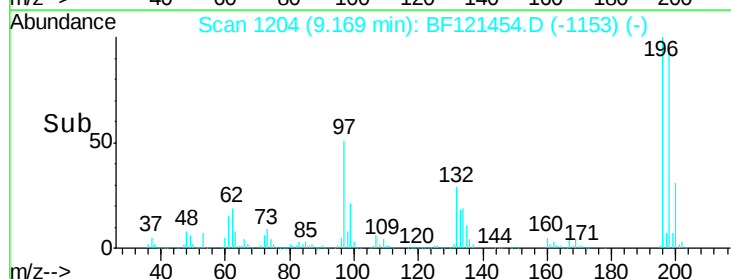
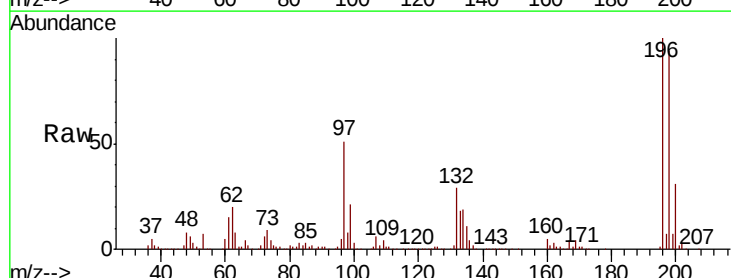
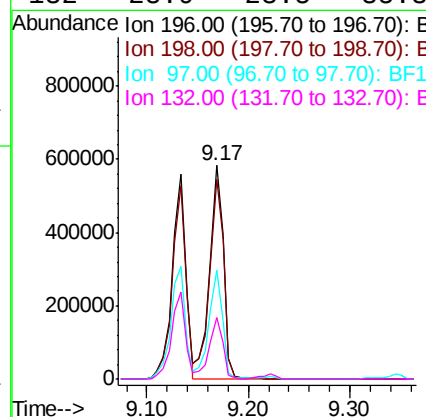
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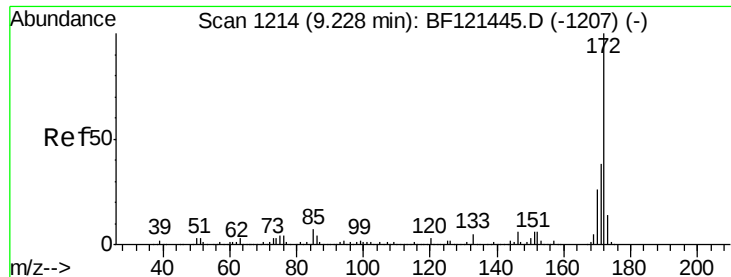
mohammad
 8/31/2020 10:27:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.046 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	555450		
198	93.6	76.2	114.2	
97	51.1	42.6	64.0	
132	28.9	23.5	35.3	





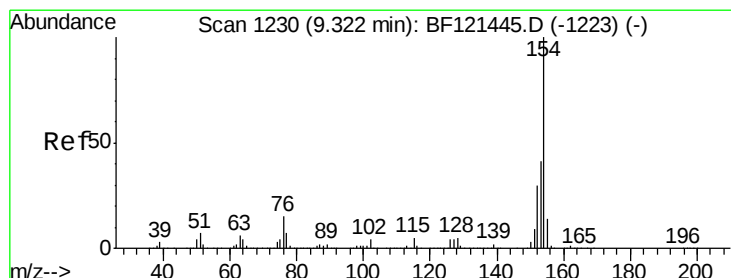
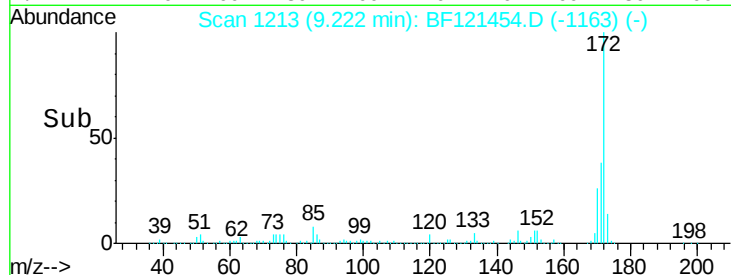
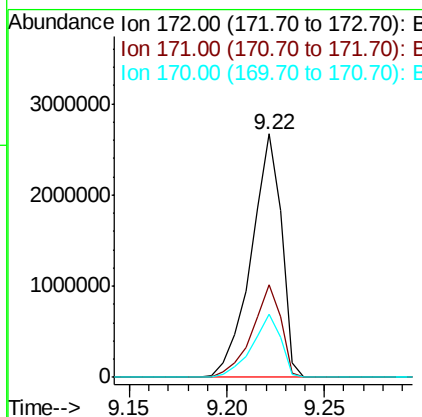
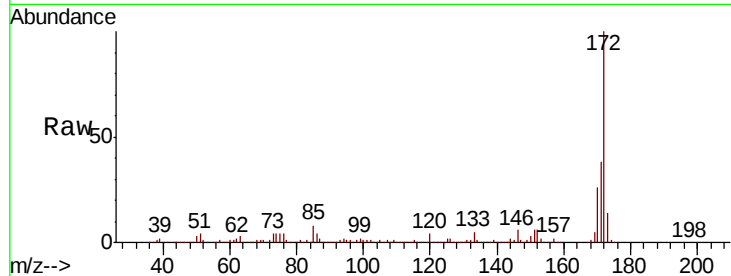
#45
2-Fluorobiphenyl
Concen: 72.442 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	25.9	20.6	31.0

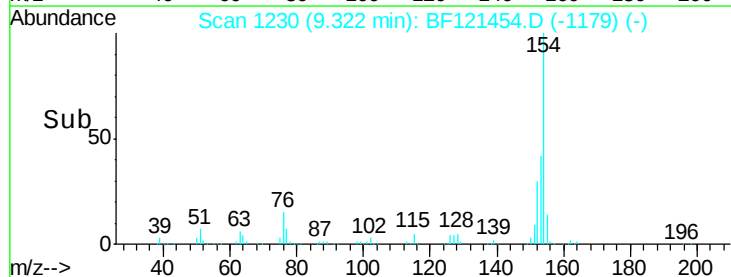
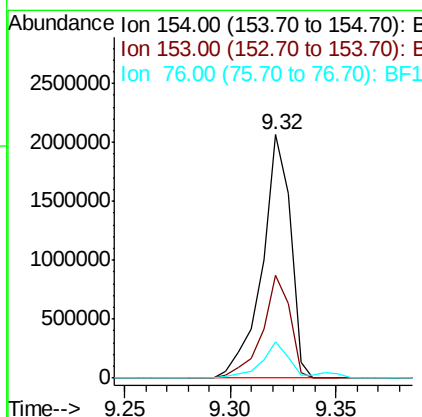
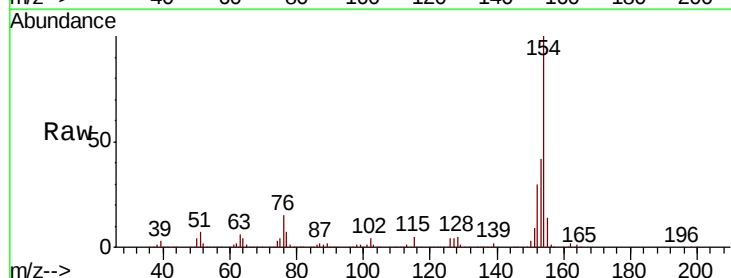
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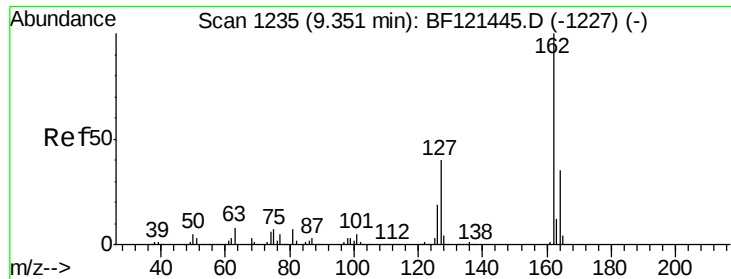
mohammad
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#46
1,1'-Biphenyl
Concen: 40.181 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.2	61.2
76	14.8	0.0	35.2





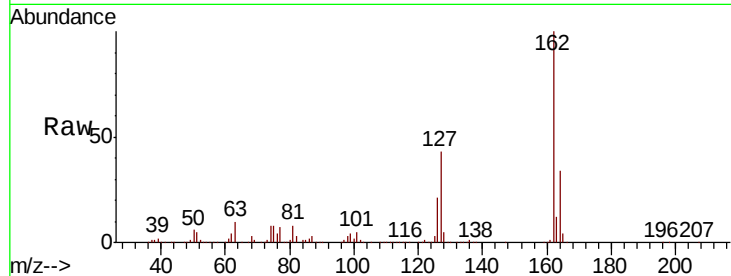
#47
2-Chloronaphthalene
Concen: 37.234 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

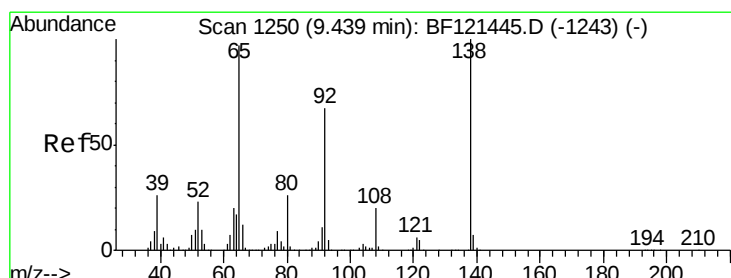
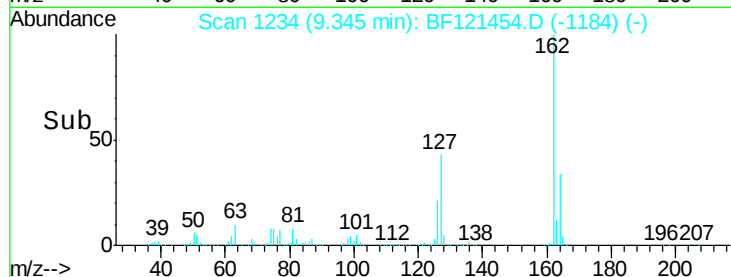
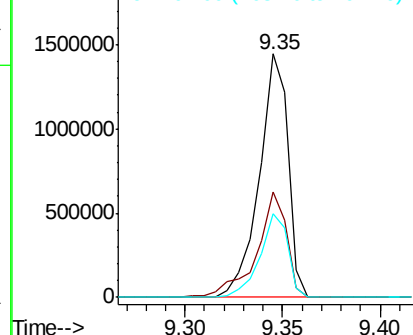
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	32.6	48.8
164	34.1	27.8	41.6

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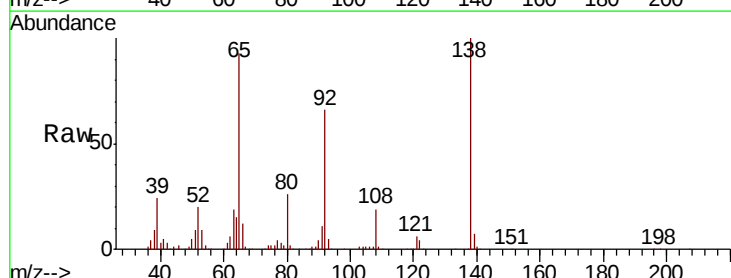


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

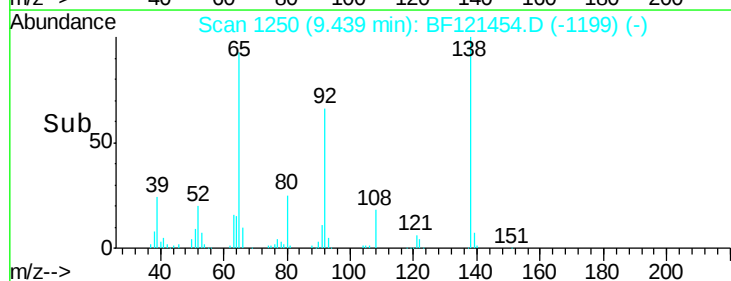
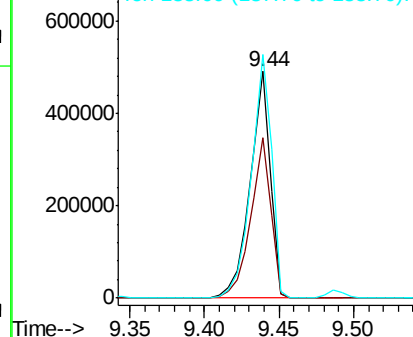


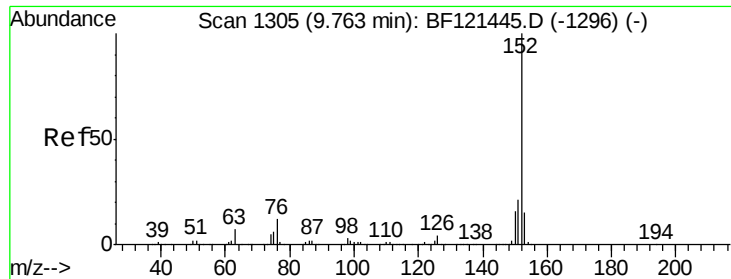
#48
2-Nitroaniline
Concen: 42.256 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	55.6	83.4
138	107.3	82.9	124.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
600000
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





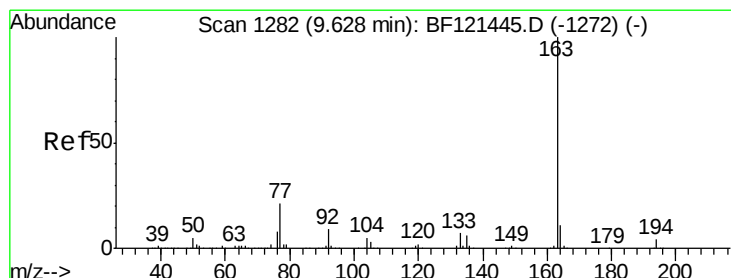
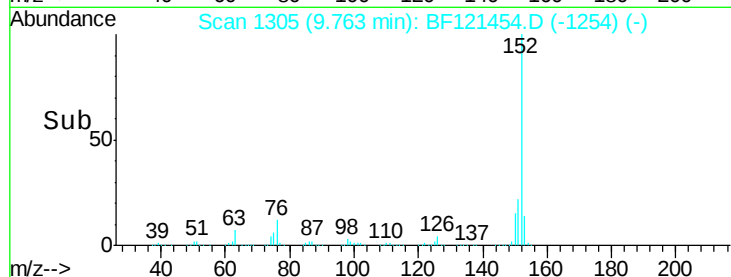
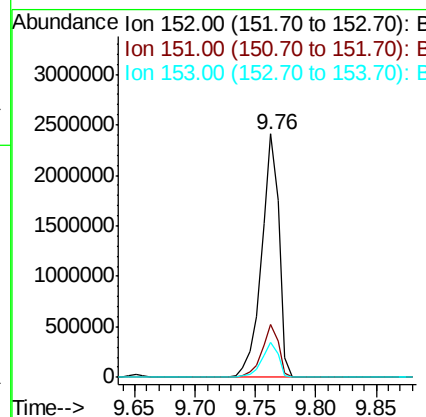
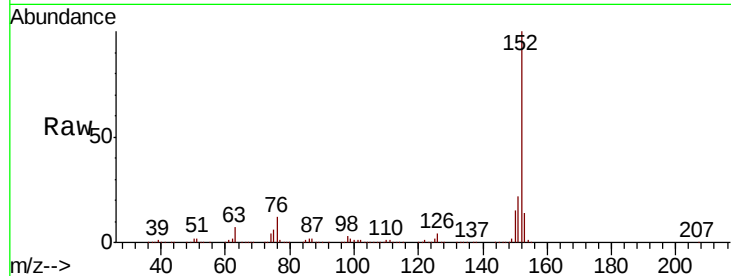
#49
Acenaphthylene
Concen: 40.743 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.6	17.2	25.8	
153	14.2	11.6	17.4	

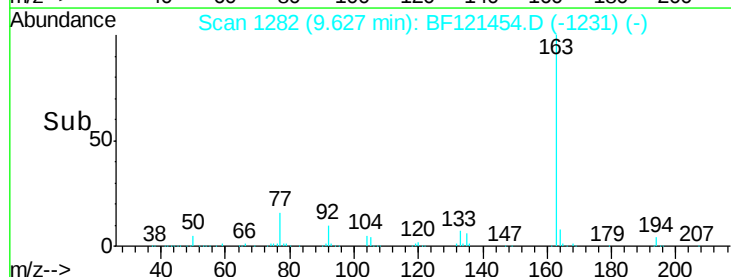
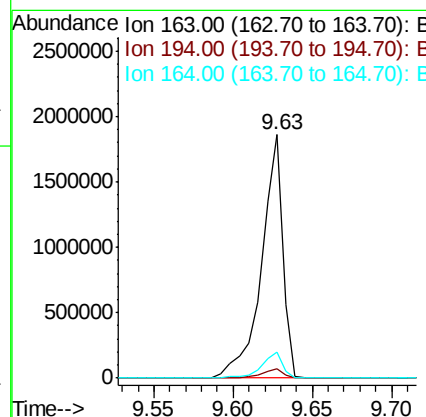
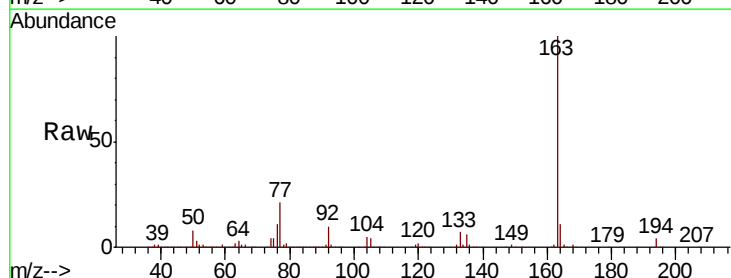
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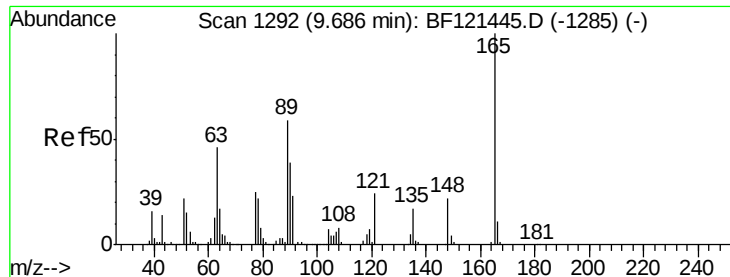
mohammad
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#50
Dimethylphthalate
Concen: 39.915 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	3.3	4.9	
164	10.5	8.6	12.8	





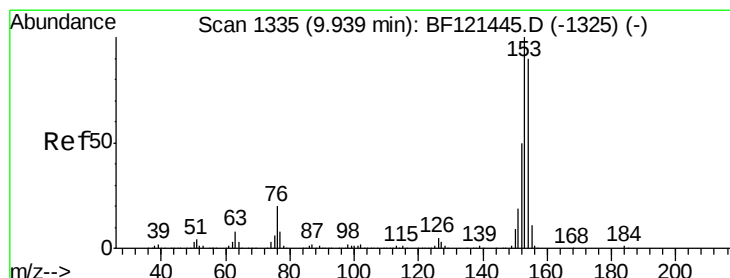
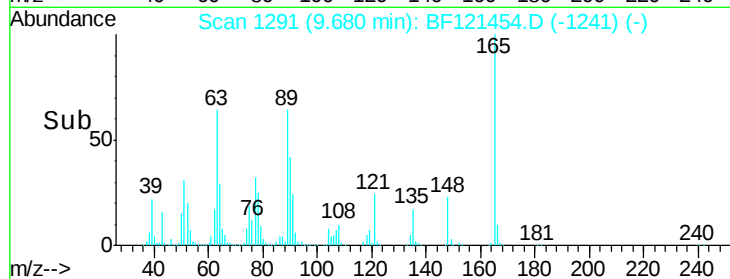
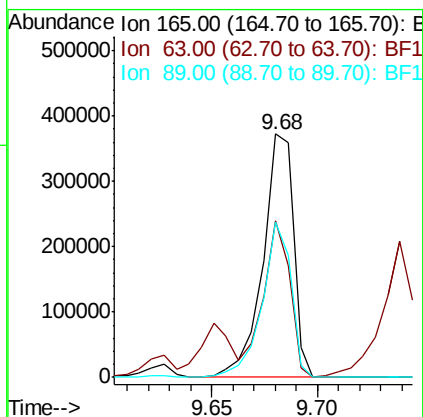
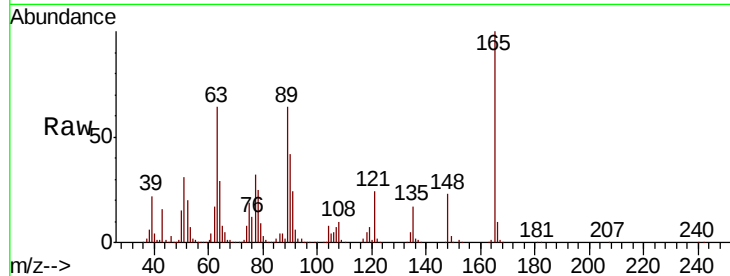
#51
2,6-Dinitrotoluene
Concen: 46.296 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		377655		
63	64.5	43.6	65.4		
89	63.6	47.4	71.2		

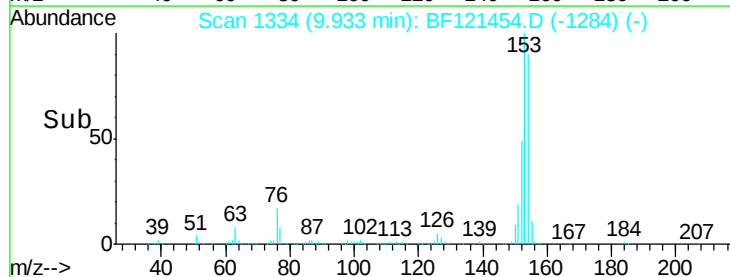
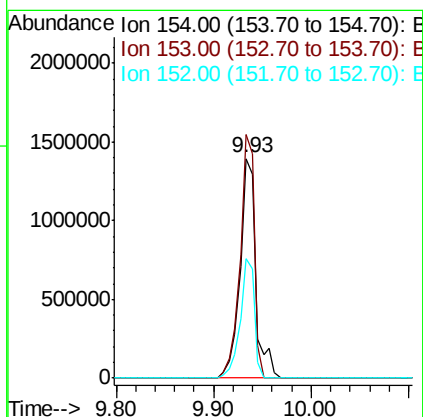
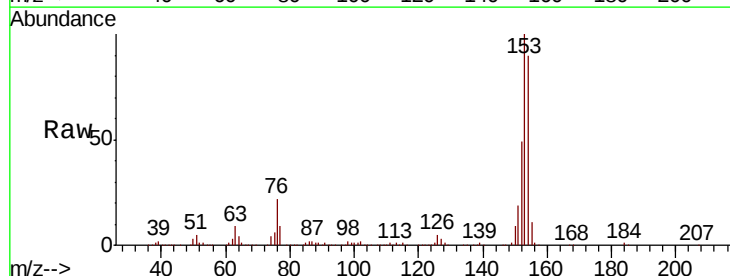
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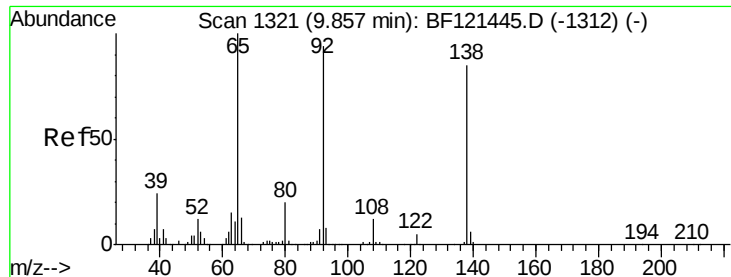
mohammad
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#52
Acenaphthene
Concen: 42.119 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1576770		
153	110.9	88.9	133.3		
152	54.5	44.1	66.1		





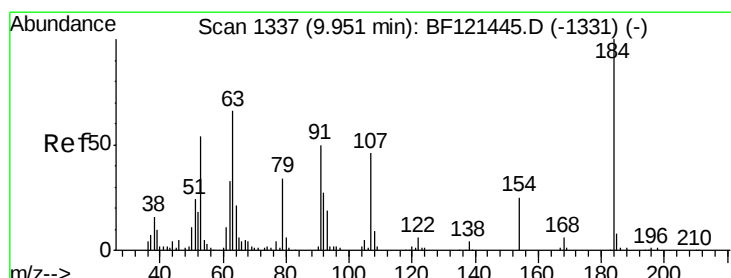
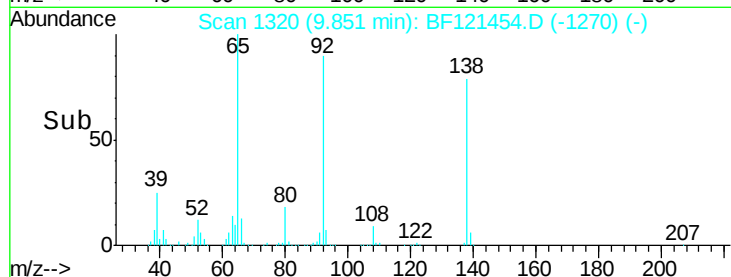
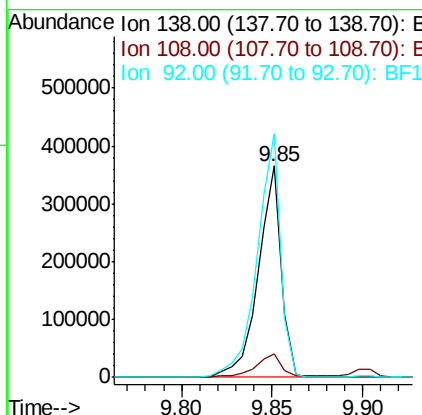
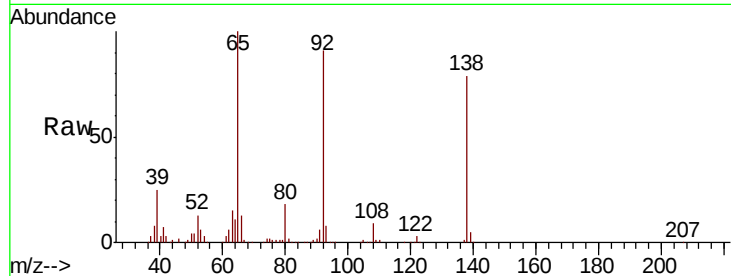
#53
3-Nitroaniline
Concen: 32.800 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	11.6	17.4#
92	115.2	88.6	132.8

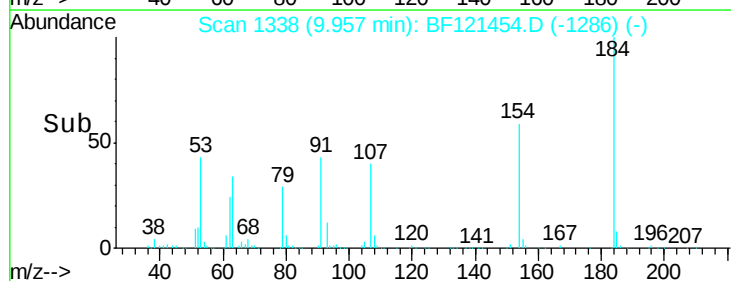
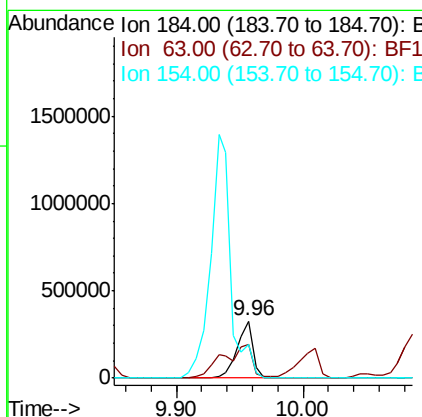
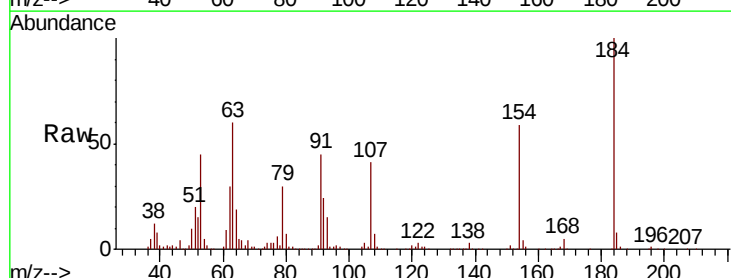
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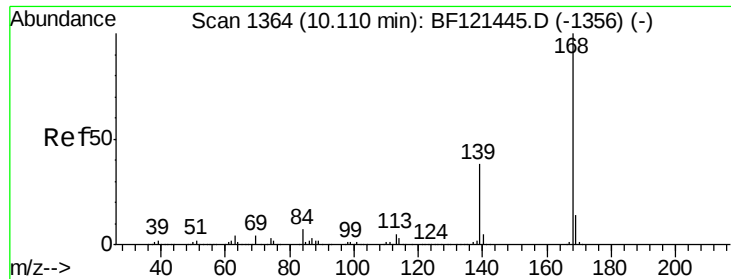
mohammad
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#54
2,4-Dinitrophenol
Concen: 76.506 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	56.8	85.2
154	59.4	55.9	83.9





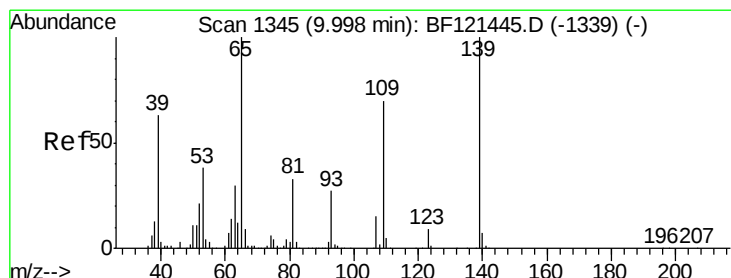
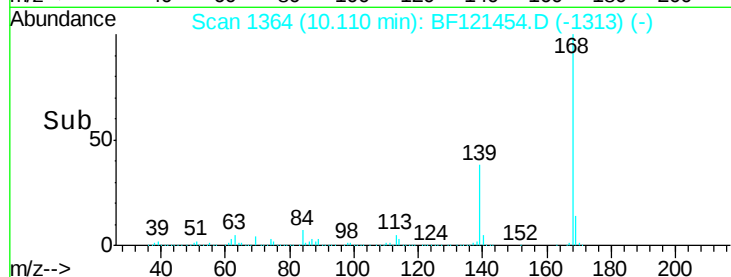
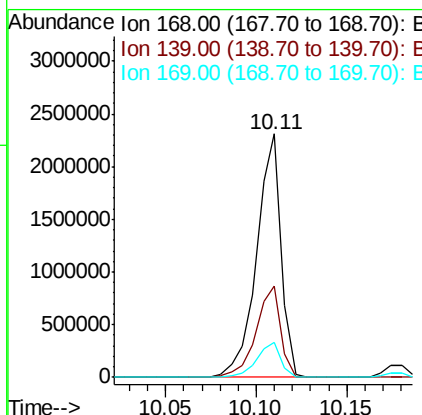
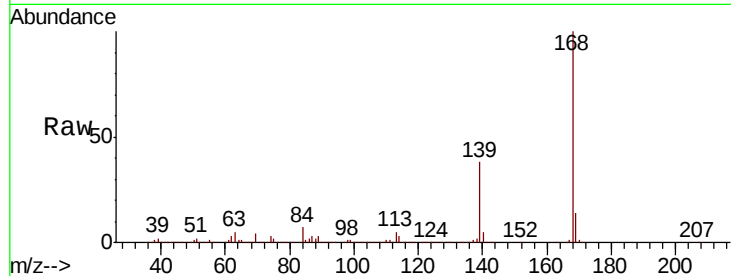
#55
Dibenzofuran
Concen: 39.666 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	14.2	11.2	16.8

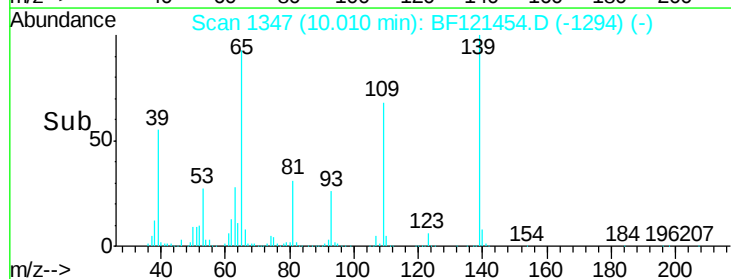
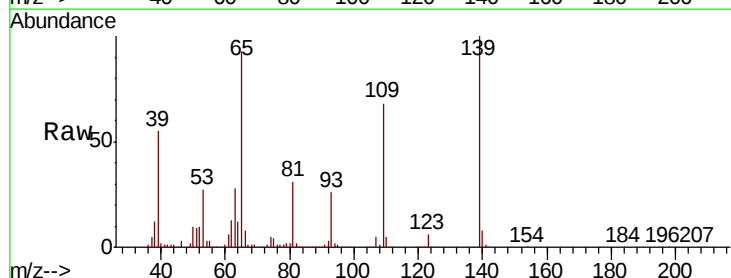
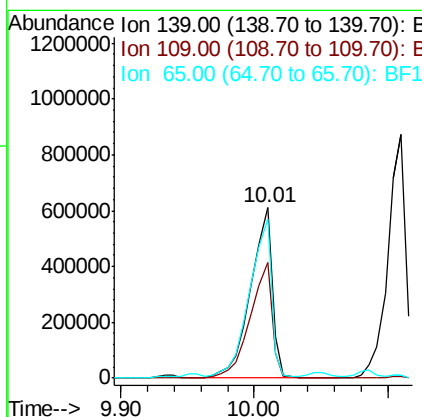
Manual Integrations
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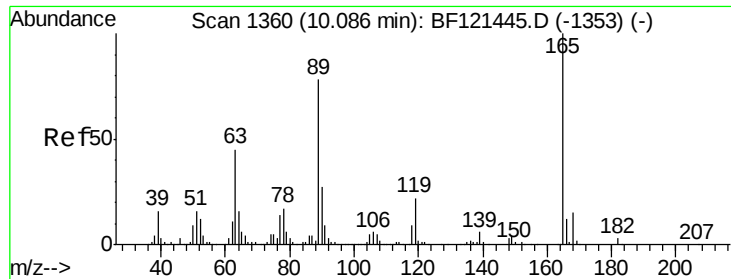
mohammad
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#56
4-Nitrophenol
Concen: 80.036 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	50.5	90.5
65	93.5	80.2	120.2





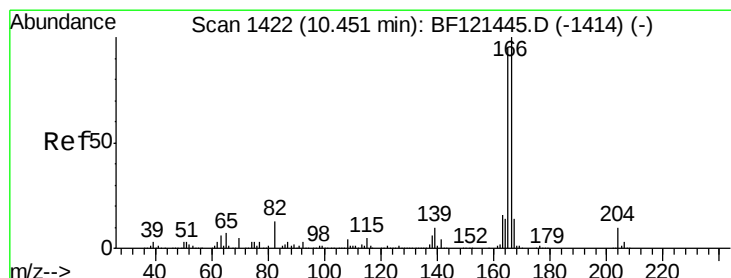
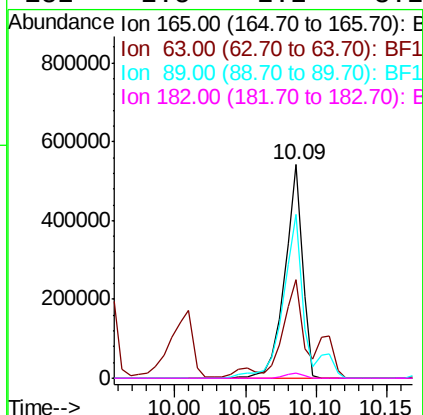
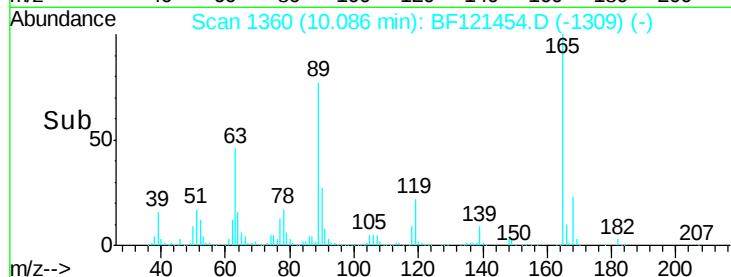
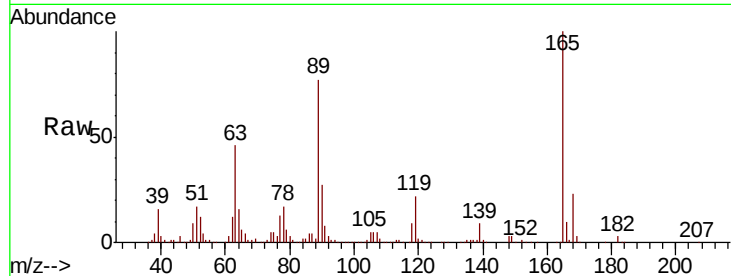
#57
2,4-Dinitrotoluene
Concen: 46.876 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		471388		
63	46.4		36.0	54.0	
89	76.9		62.6	93.8	
182	2.5		2.2	3.2	

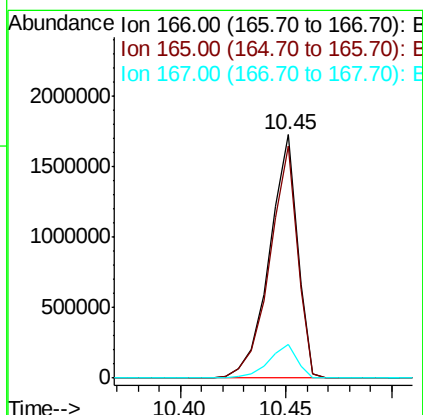
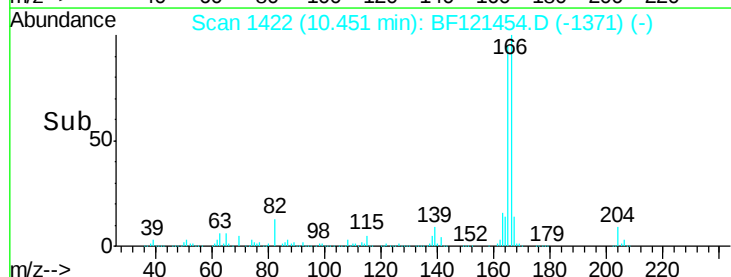
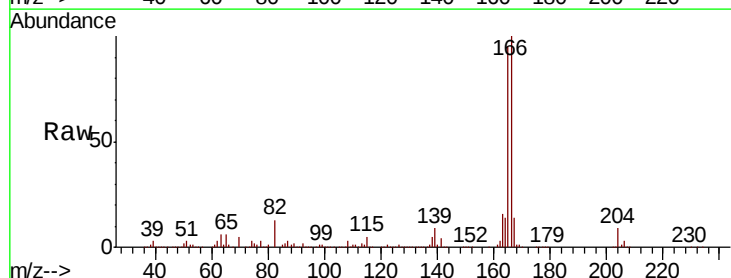
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#58
Fluorene
Concen: 38.976 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1597795		
165	95.3		75.7	113.5	
167	13.7		11.1	16.7	





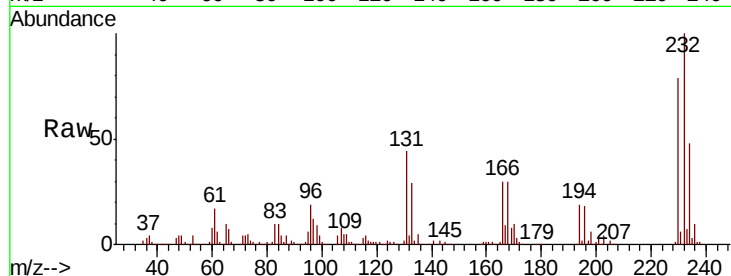
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.096 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

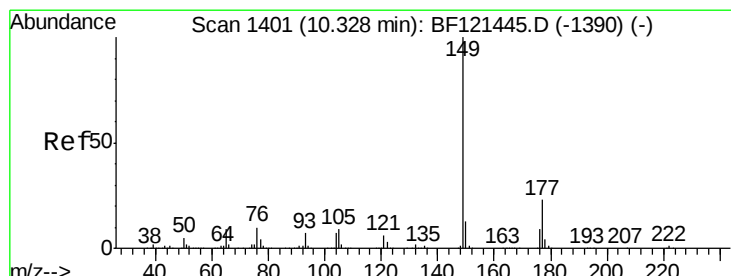
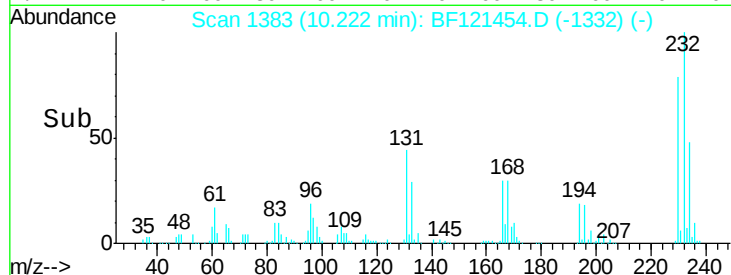
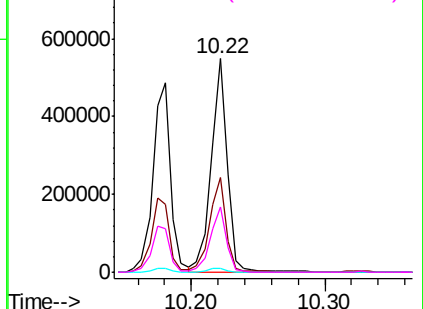
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.7	53.5
130	2.2	1.8	2.6
166	30.2	24.1	36.1

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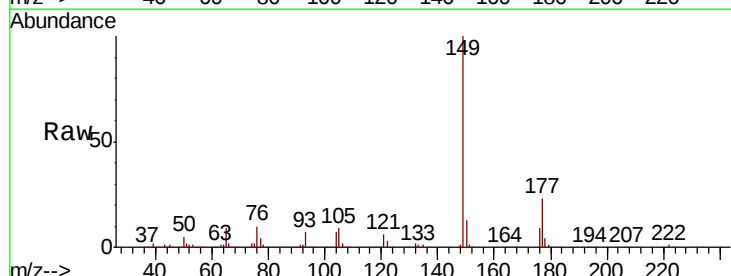


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

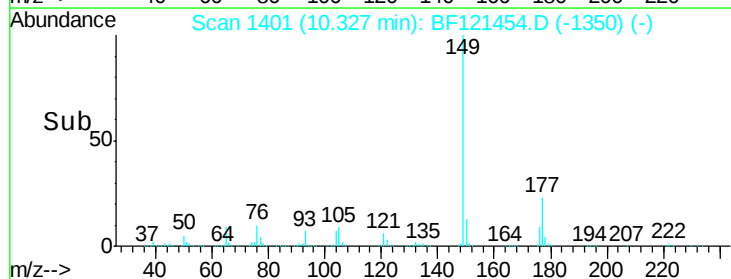
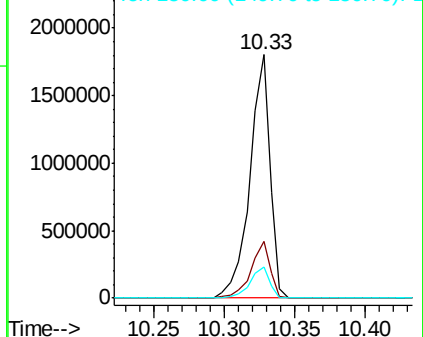


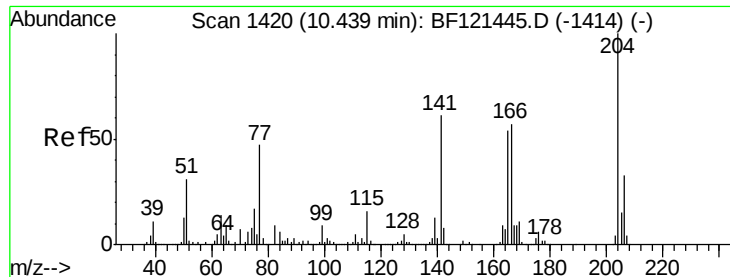
#60
 Diethylphthalate
 Concen: 41.005 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	13.0	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





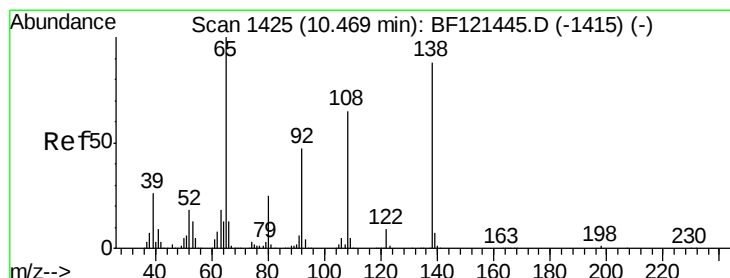
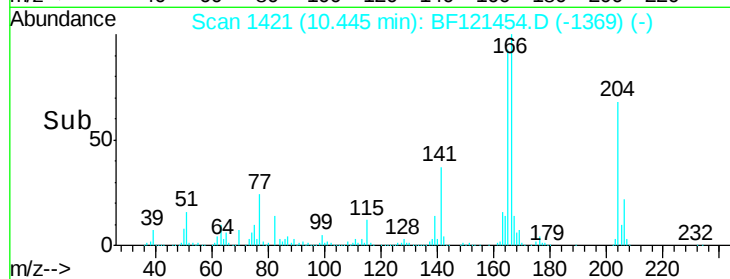
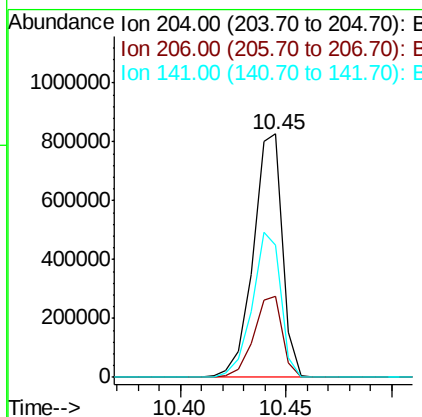
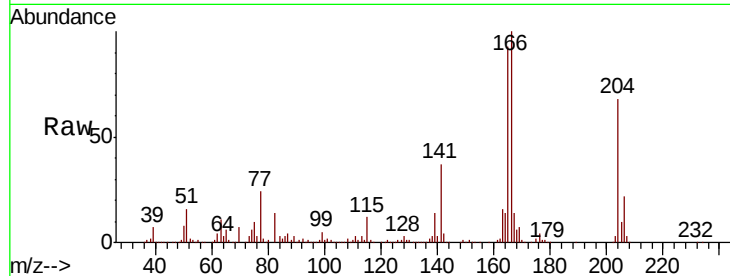
#61
 4-Chlorophenyl-phenylether
 Concen: 38.788 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion:	204	Resp:	796700
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.3	39.5
141	54.3	48.7	73.1

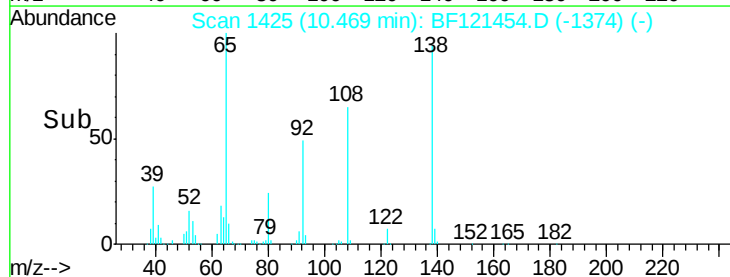
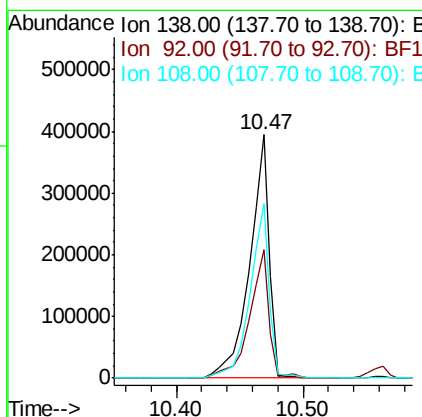
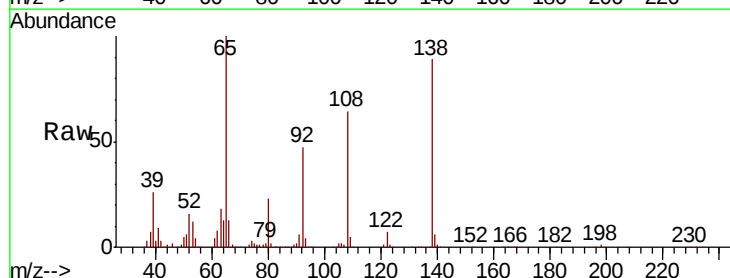
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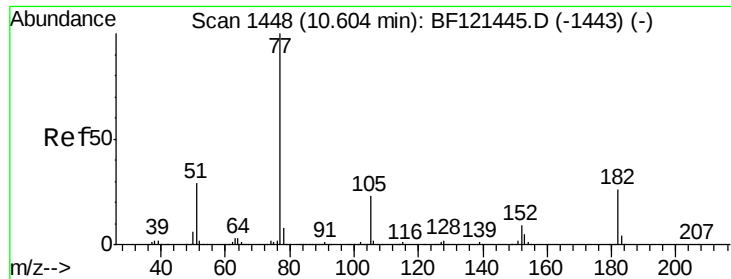
mohammad
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#62
 4-Nitroaniline
 Concen: 40.367 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion:	138	Resp:	423272
Ion Ratio	Lower	Upper	
138	100		
92	52.6	33.2	73.2
108	71.5	53.6	93.6





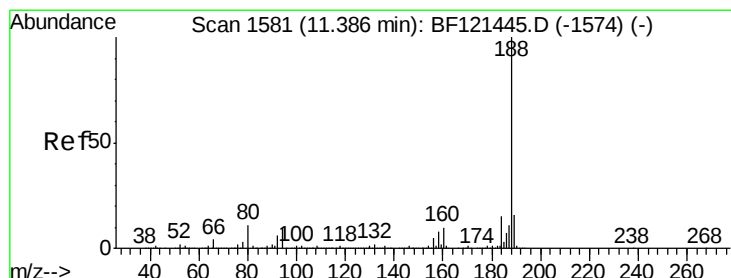
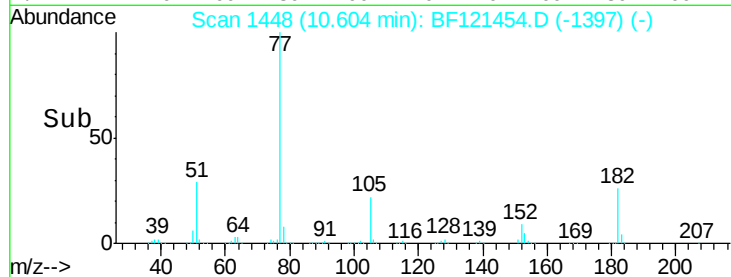
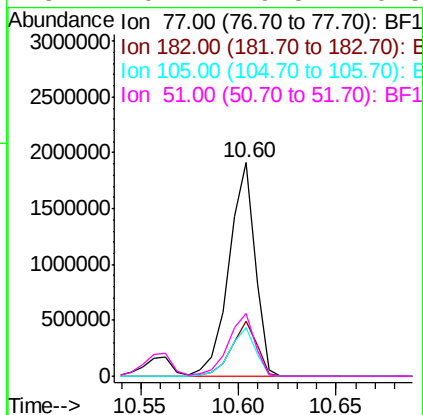
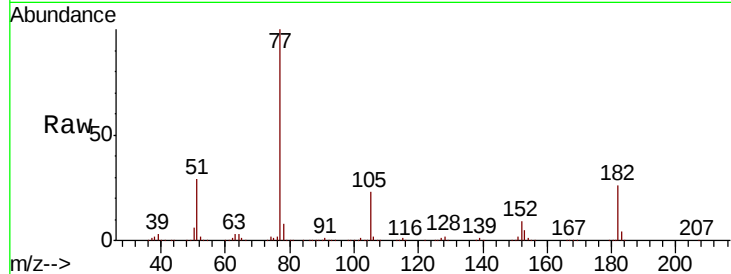
#63
Azobenzene
Concen: 40.821 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.2	46.2
105	22.7	3.3	43.3
51	29.2	9.5	49.5

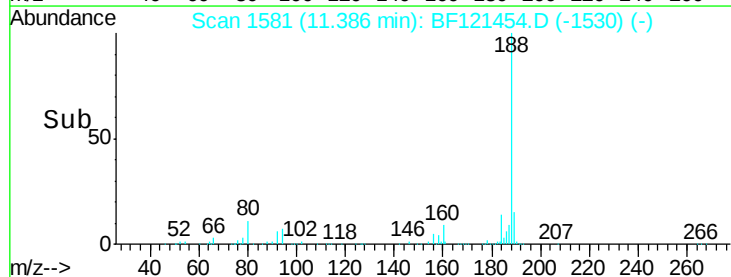
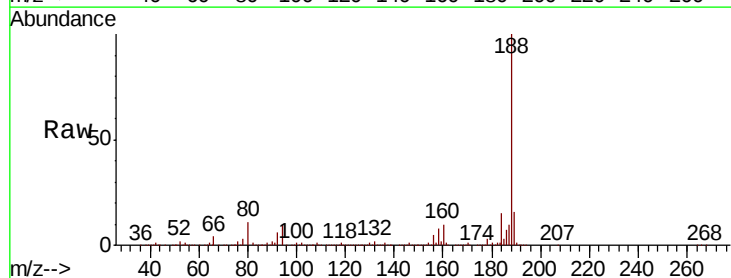
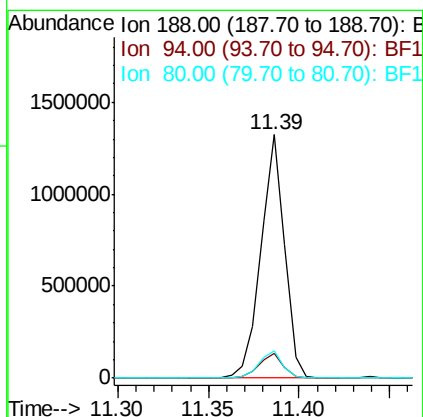
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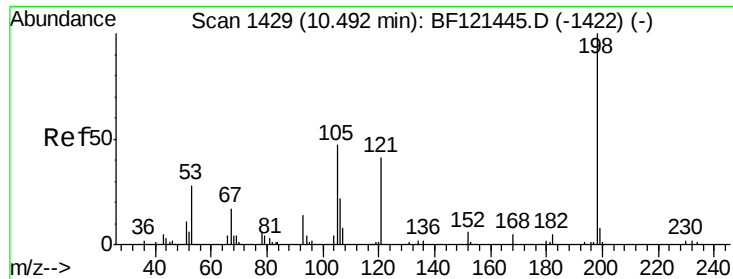
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.0	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 51.799 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

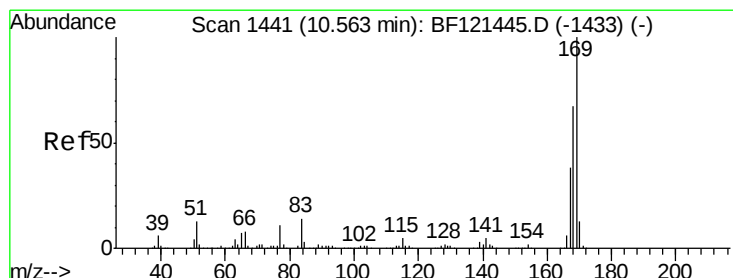
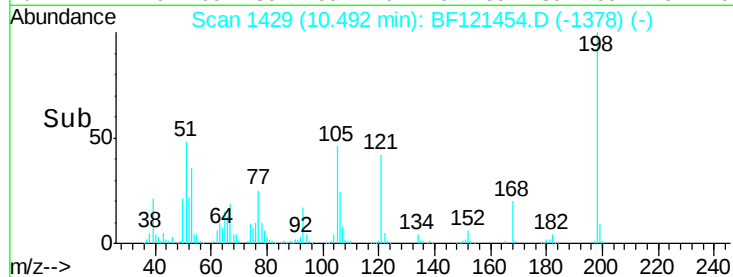
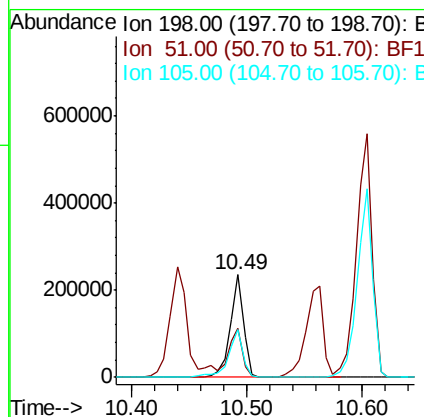
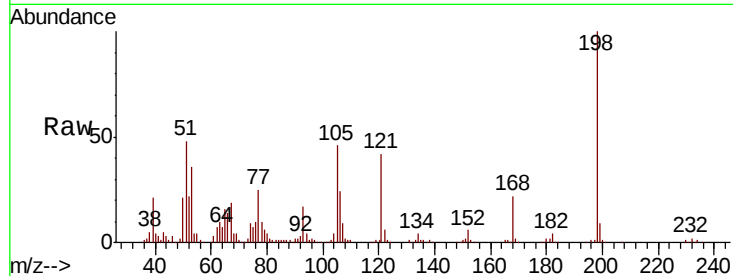
ClientSampleId :

PB131187BS

Tot Ion:	198	Resp:	188697
Ion Ratio	Lower	Upper	
198	100		
51	47.7	29.0	69.0
105	46.4	29.1	69.1

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#66

n-Nitrosodiphenylamine

Concen: 40.475 ng

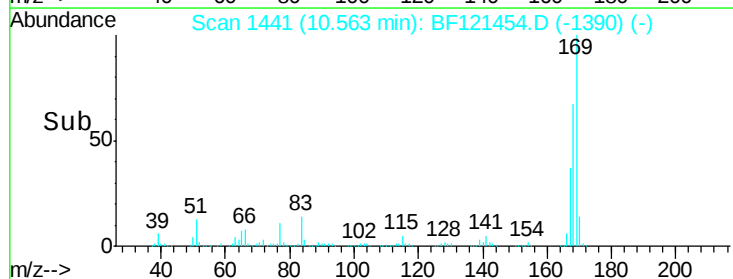
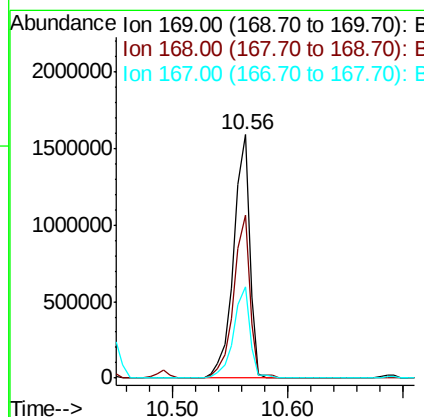
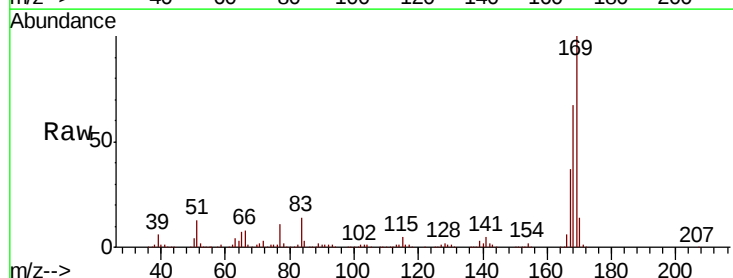
RT: 10.56 min Scan# 1441

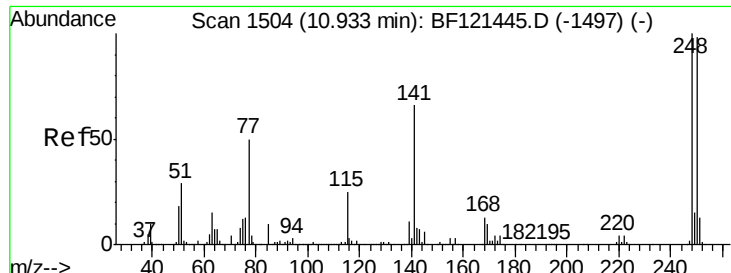
Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:	169	Resp:	1538811
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.0	81.0
167	37.4	30.2	45.2





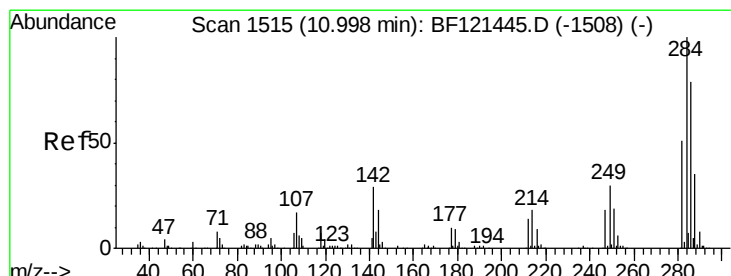
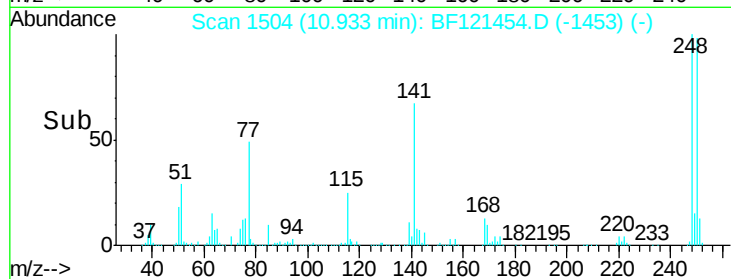
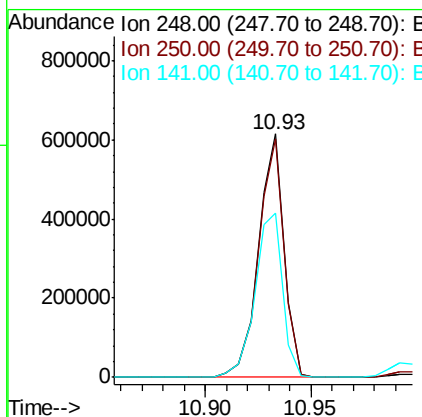
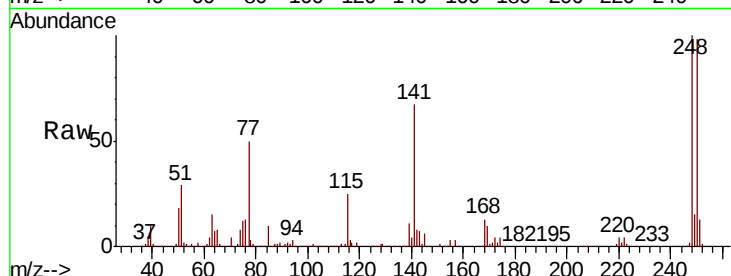
#67
 4-Bromophenyl-phenylether
 Concen: 39.253 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	67.3	52.6	78.8

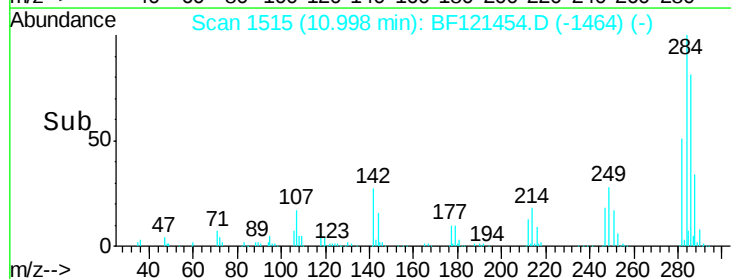
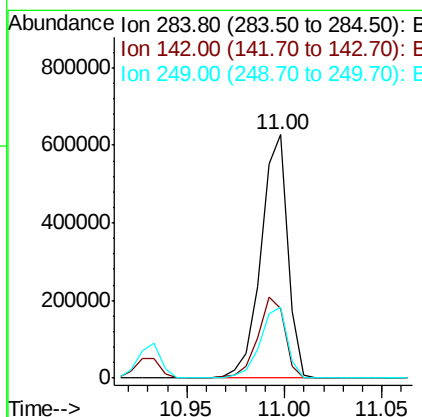
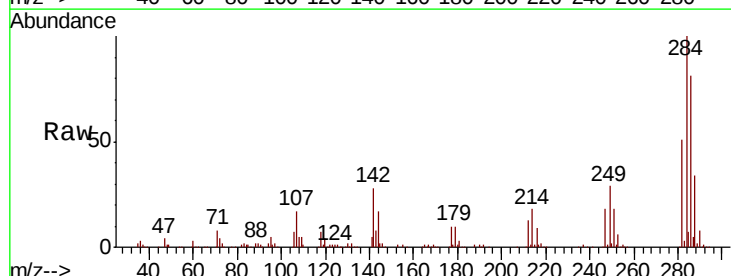
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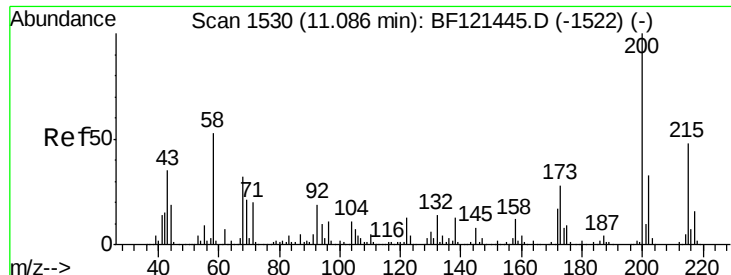
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#68
 Hexachlorobenzene
 Concen: 38.446 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	23.4	35.0
249	29.0	23.8	35.6





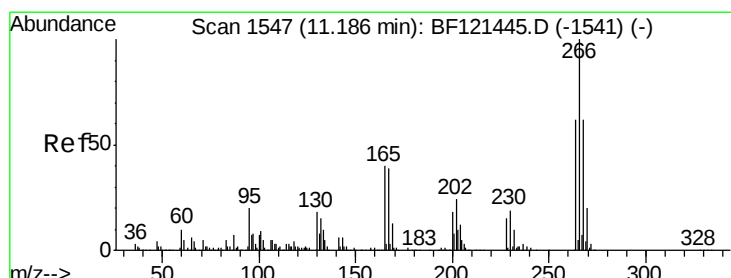
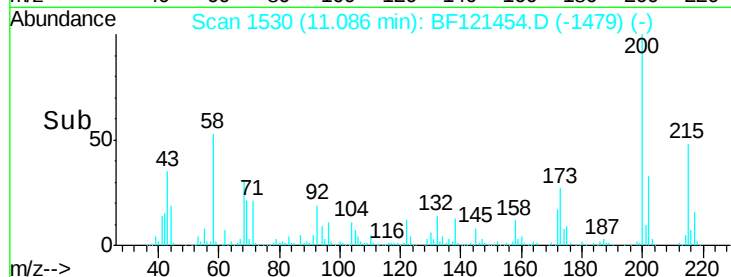
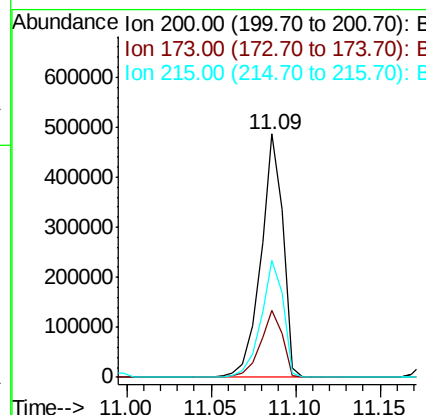
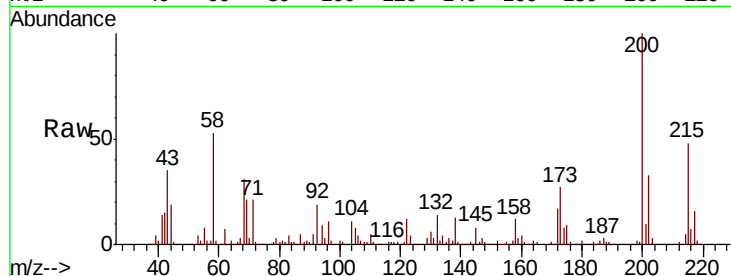
#69
 Atrazine
 Concen: 40.187 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	443096		
173	27.4	8.1	48.1	
215	48.0	28.5	68.5	

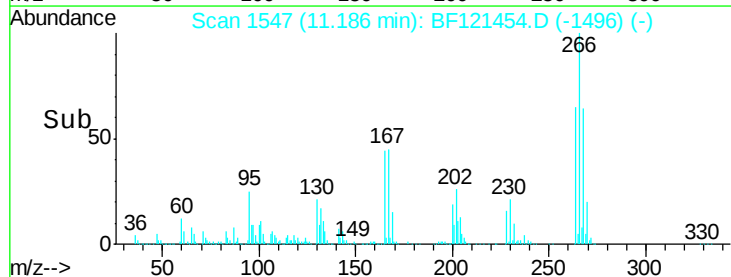
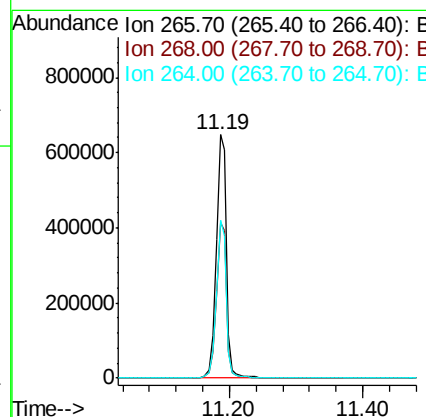
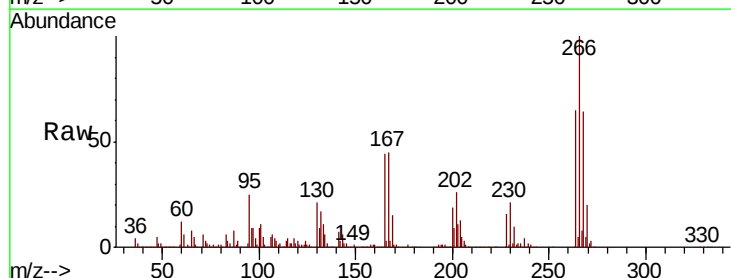
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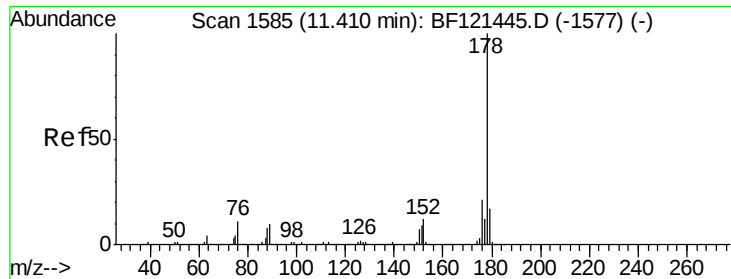
mohammad
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#70
 Pentachlorophenol
 Concen: 98.525 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	696036		
268	64.0	49.7	74.5	
264	64.6	49.4	74.0	





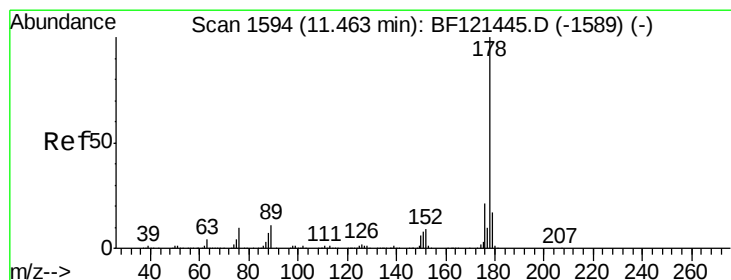
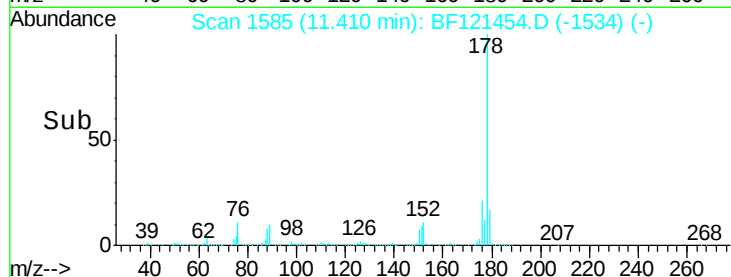
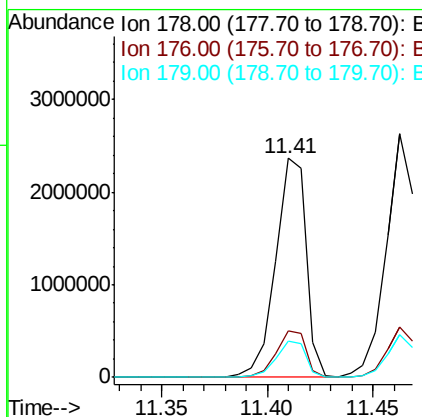
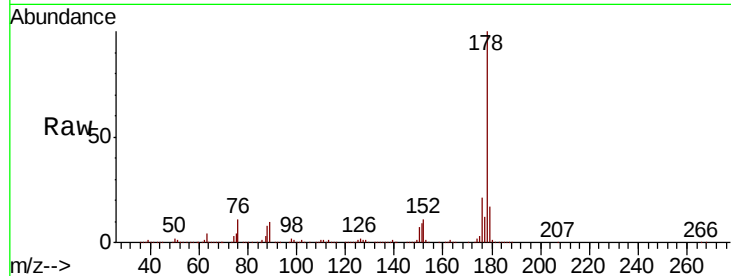
#71
Phenanthrene
Concen: 38.748 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion:178 Resp: 2390248
Ion Ratio Lower Upper
178 100
176 21.1 16.9 25.3
179 16.7 13.4 20.0

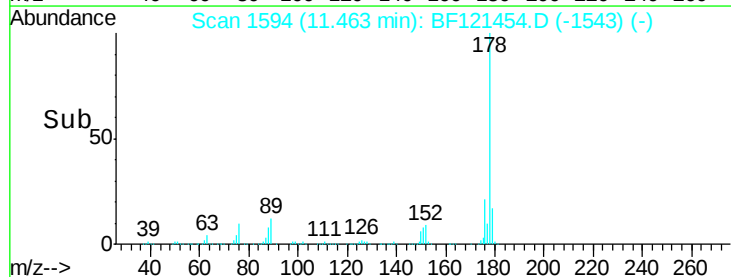
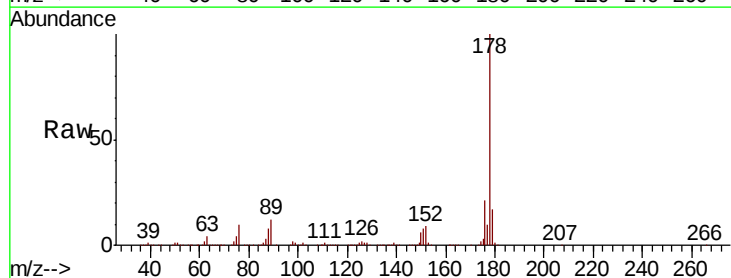
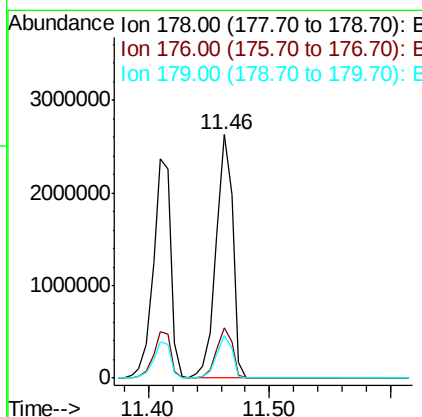
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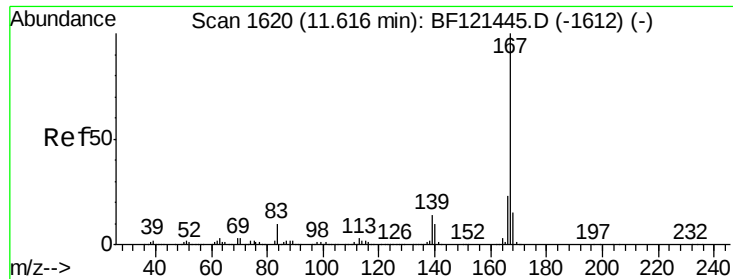
mohammad
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#72
Anthracene
Concen: 40.677 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:178 Resp: 2467949
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 17.3 13.4 20.2





#73

Carbazole

Concen: 38.985 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:167 Resp: 2280879

Ion Ratio Lower Upper

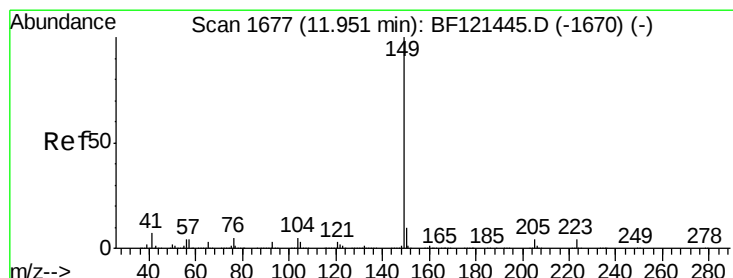
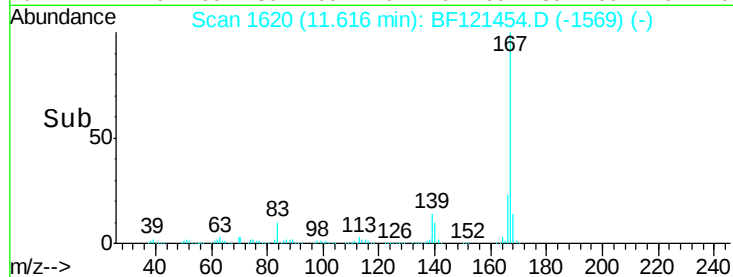
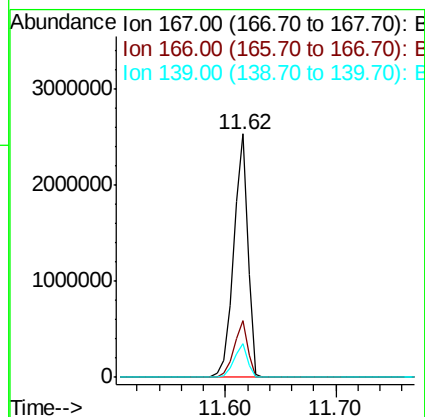
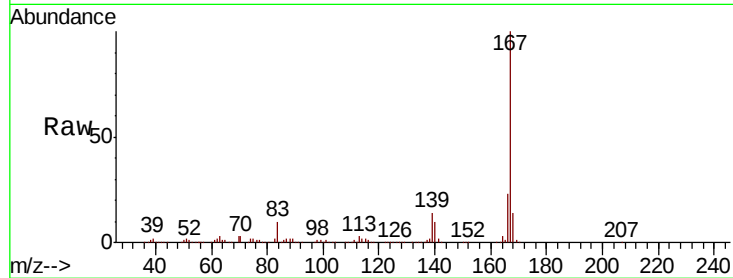
167 100

166 23.2 18.4 27.6

139 14.1 11.0 16.6

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#74

Di-n-butylphthalate

Concen: 41.378 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

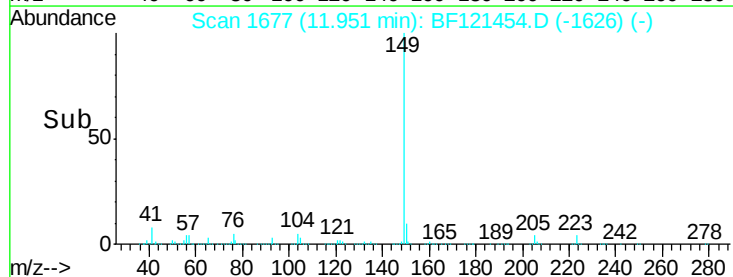
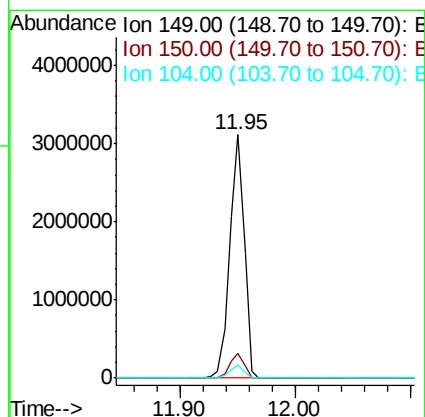
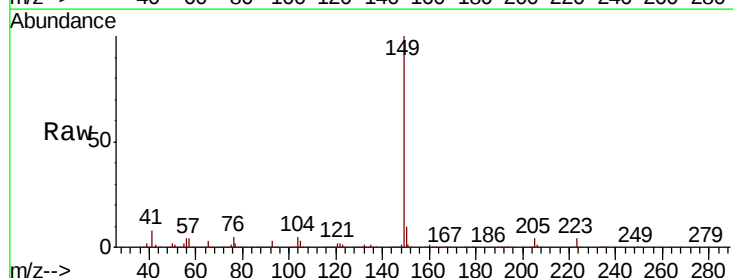
Tgt Ion:149 Resp: 2689343

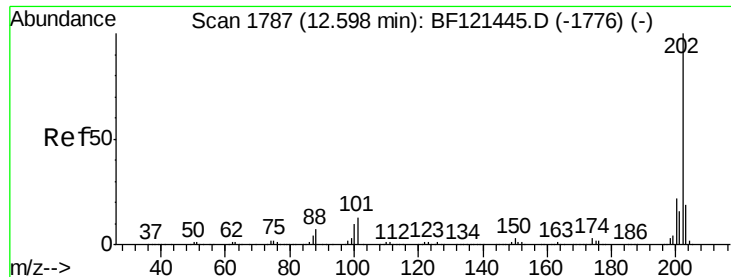
Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

104 5.3 4.2 6.4





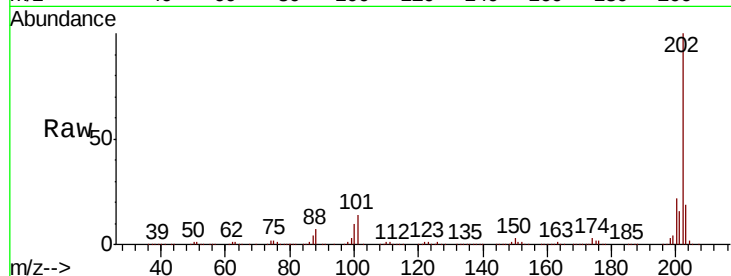
#75
 Fluoranthene
 Concen: 39.078 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

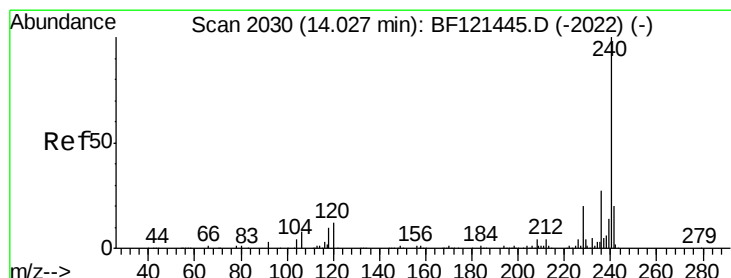
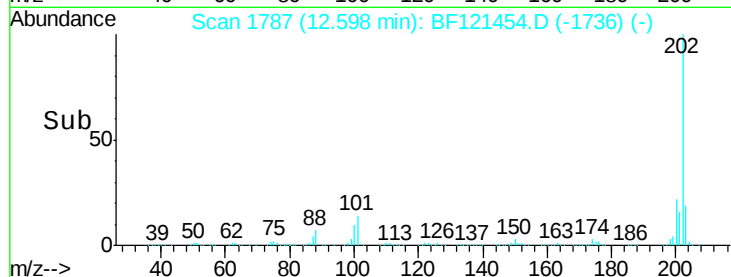
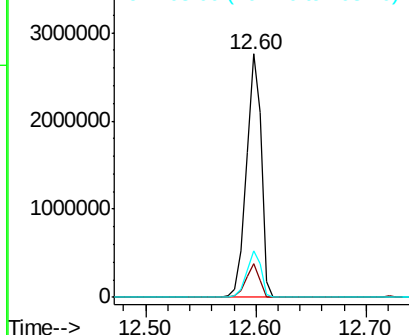
Tot Ion	Ratio	Resp	Lower	Upper
202	100	2598008		
101	13.8		0.0	33.3
203	19.1		0.0	39.1

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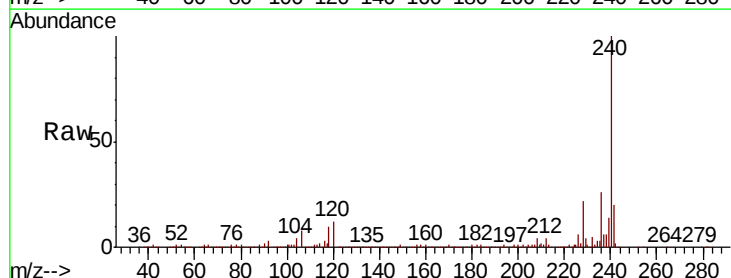


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

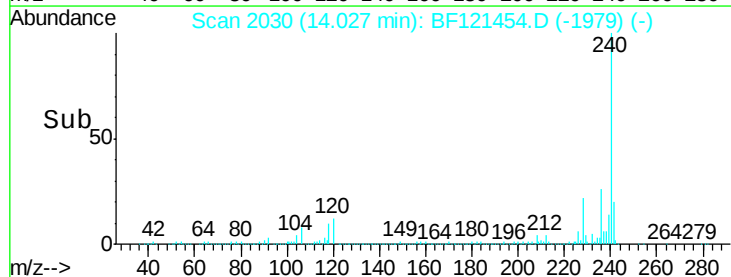
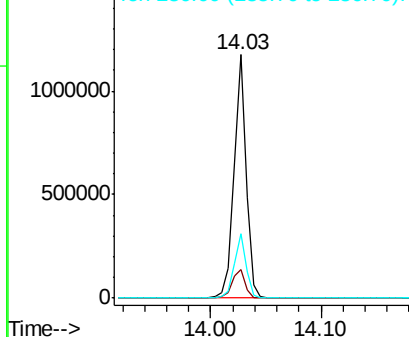


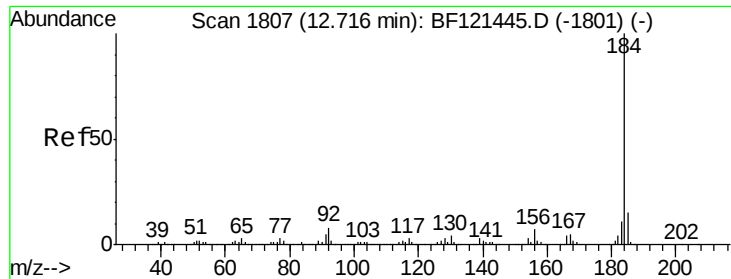
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	909558		
120	11.6		9.5	14.3
236	26.5		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: 80.070 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:184 Resp: 1588340

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

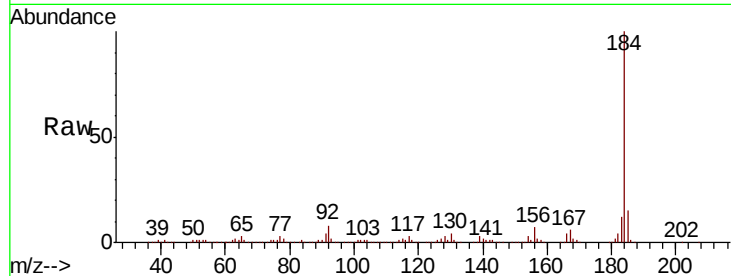
183 11.5 8.9 13.3

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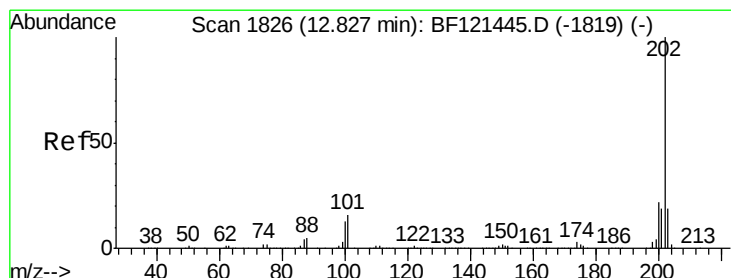
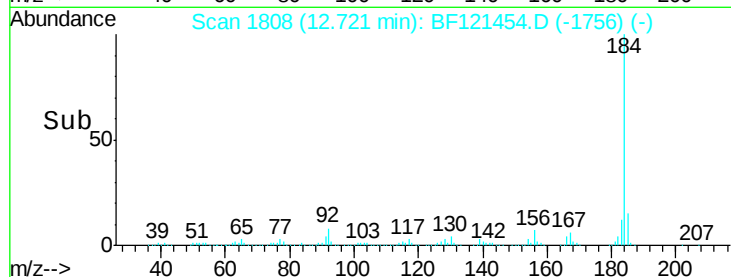
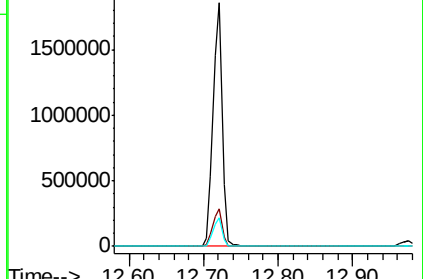
8/31/2020 10:27:11 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.106 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

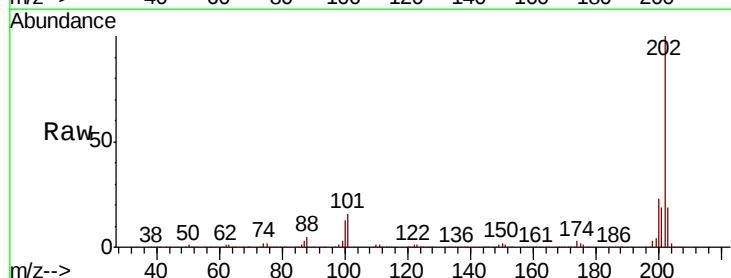
Tgt Ion:202 Resp: 2670169

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

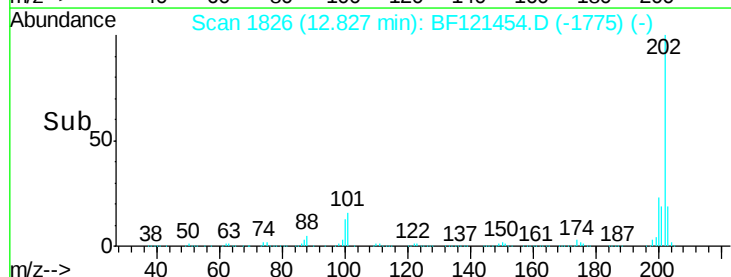
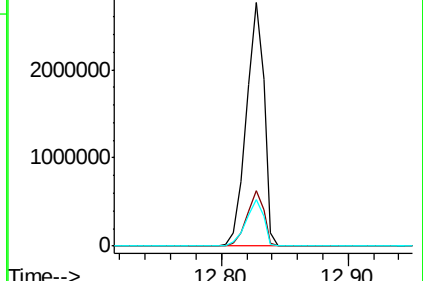
203 19.1 15.3 22.9

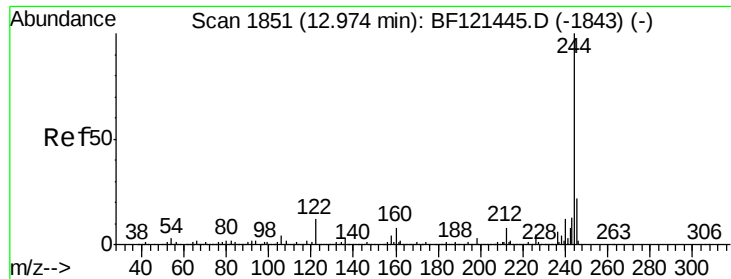


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





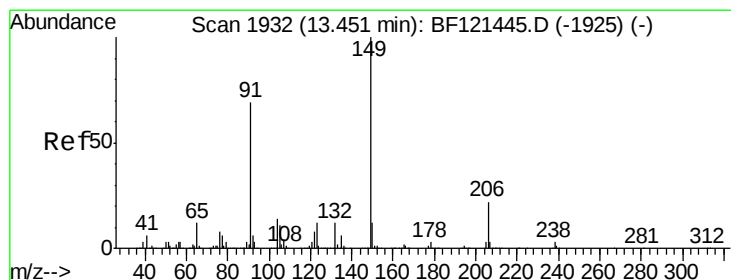
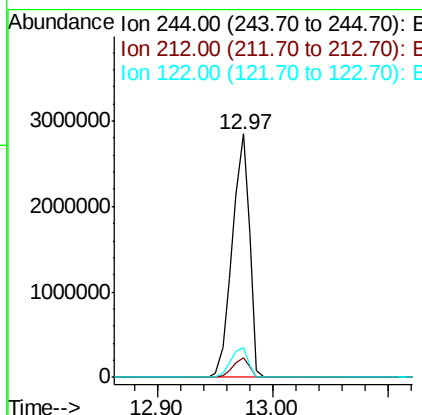
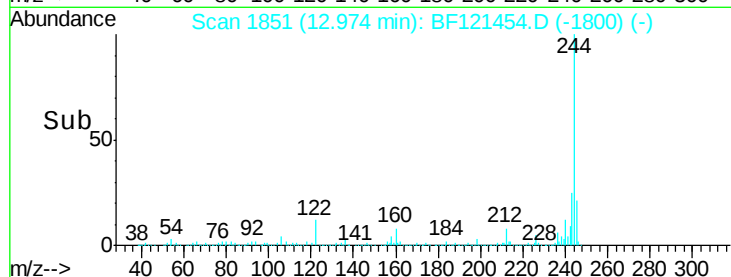
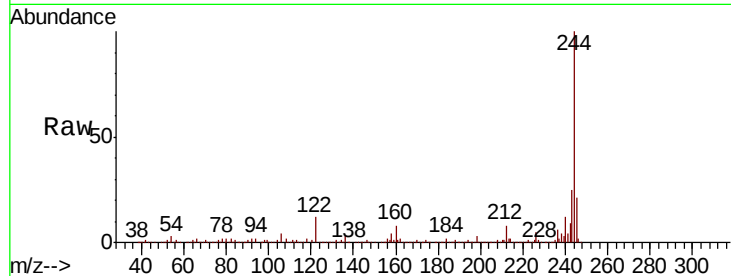
#79
 Terphenyl-d14
 Concen: 68.115 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	12.2	9.5	14.3

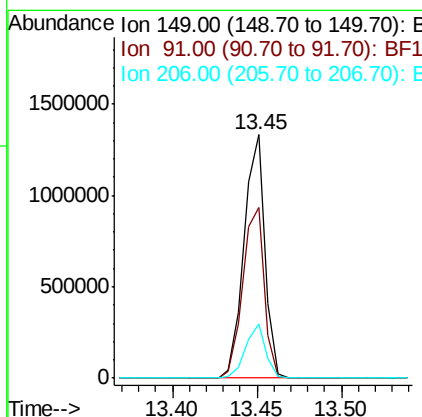
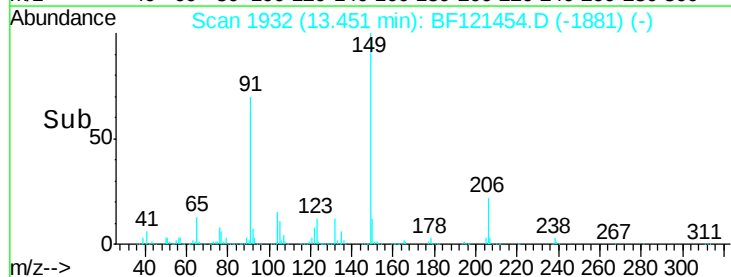
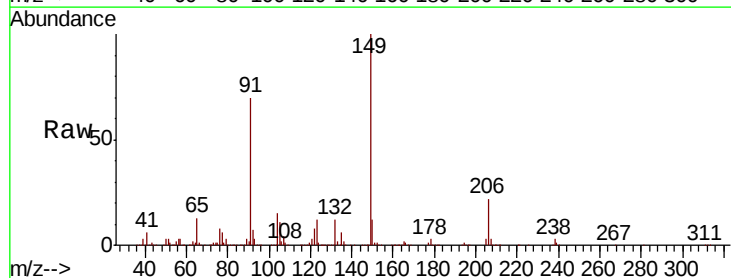
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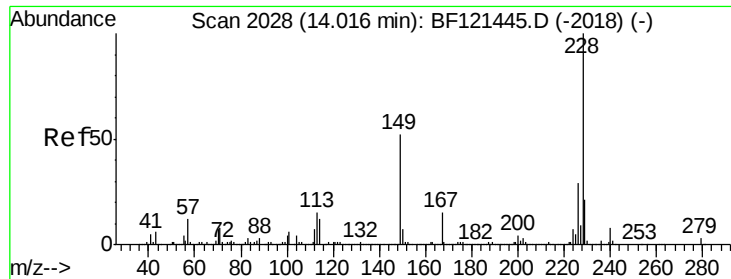
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.821 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	55.0	82.4
206	22.1	17.8	26.6





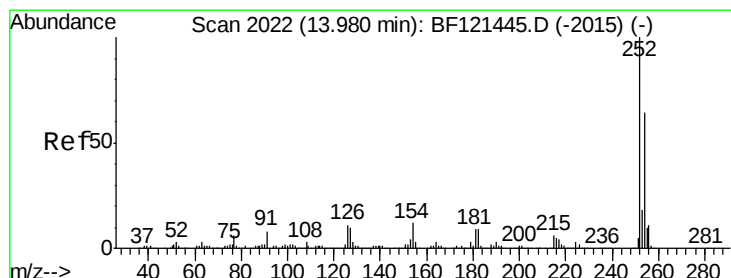
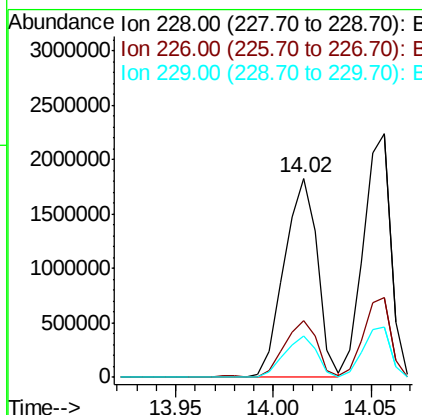
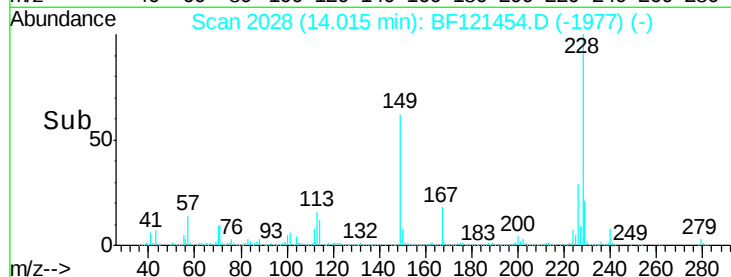
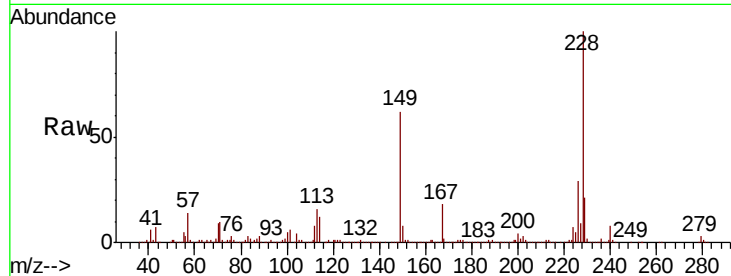
#81
Benzo(a)anthracene
Concen: 38.695 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	20.9	16.6	24.8

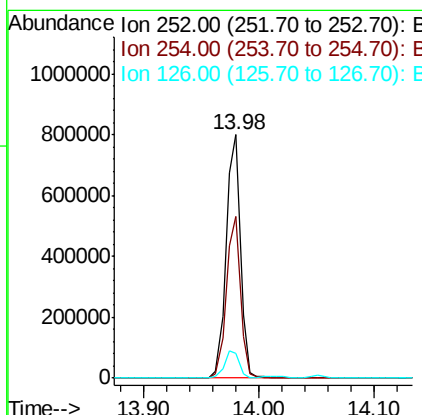
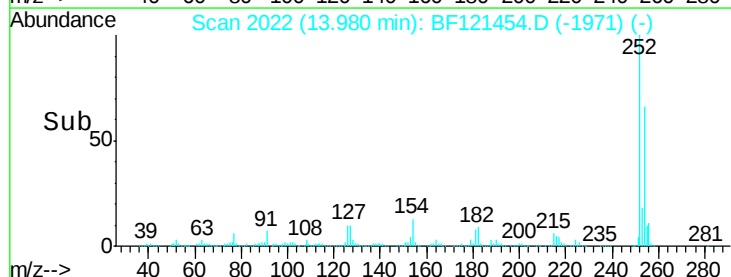
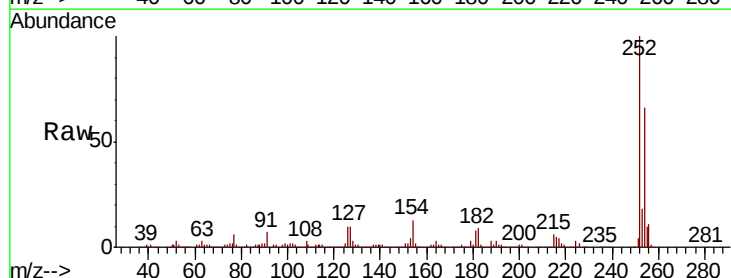
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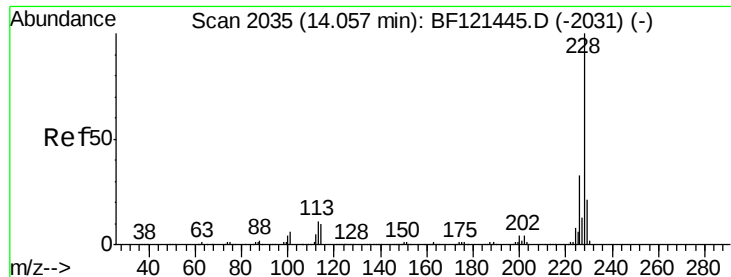
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.957 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.4	77.2
126	10.3	8.5	12.7





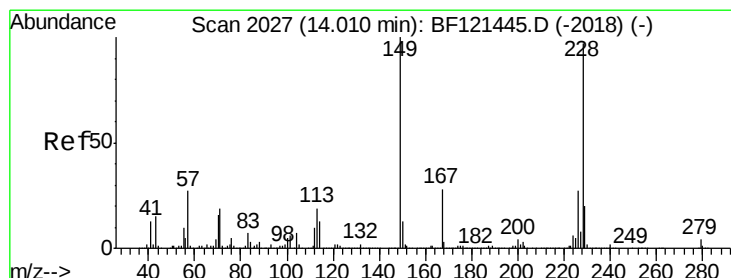
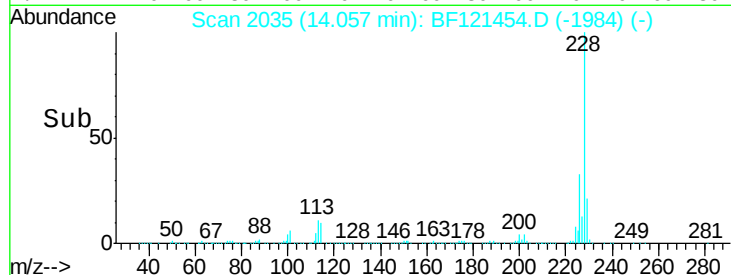
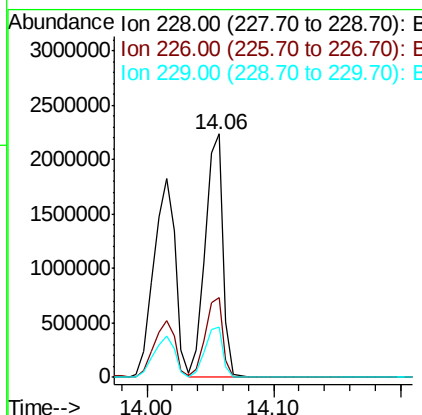
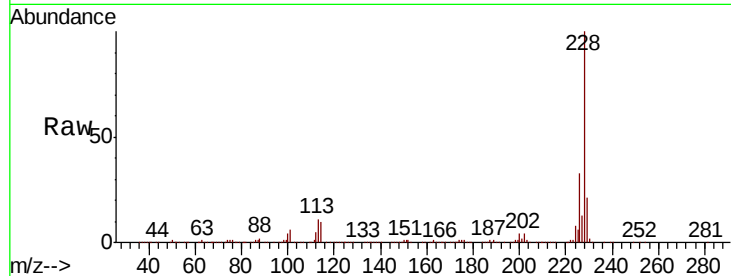
#83
 Chrvsene
 Concen: 39.207 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.2
229	20.8	16.6	25.0

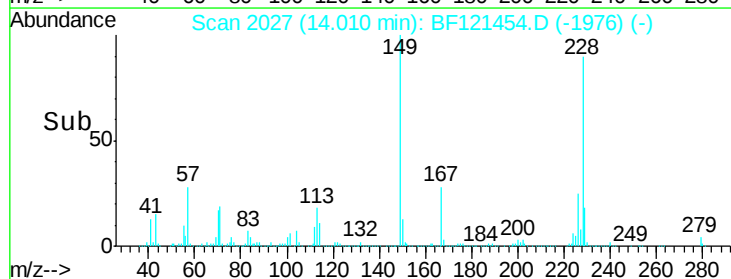
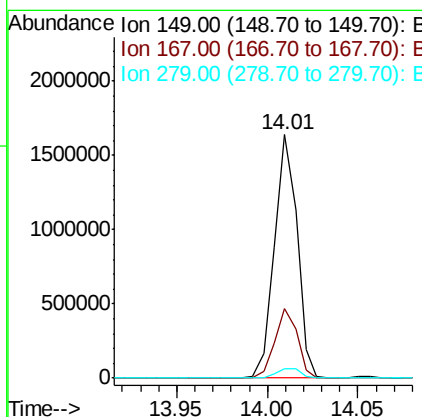
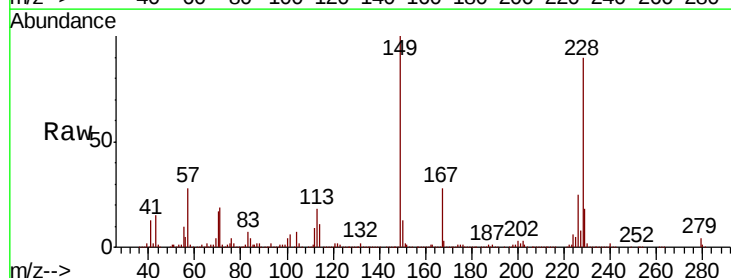
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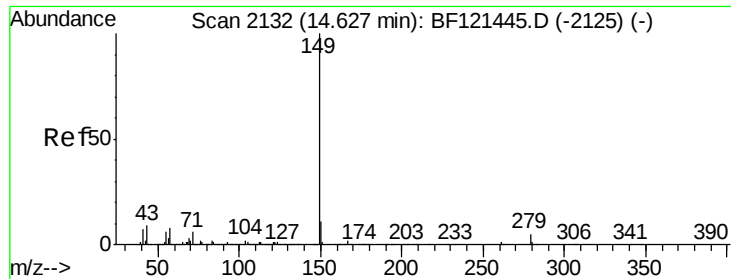
mohammad
 8/31/2020 10:27:11 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.269 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	4.1	3.3	4.9





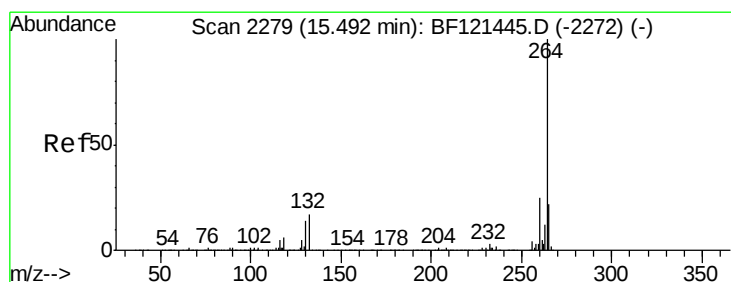
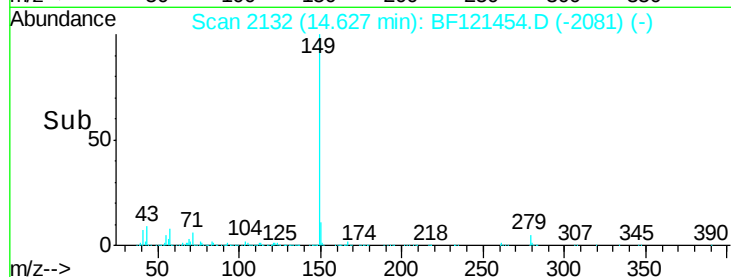
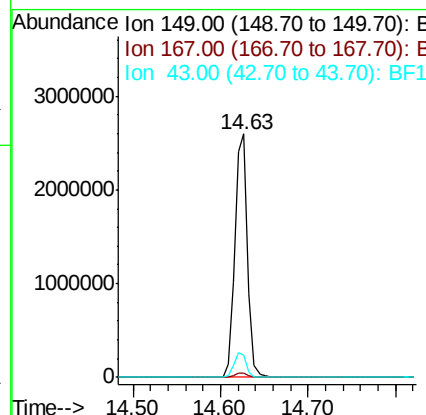
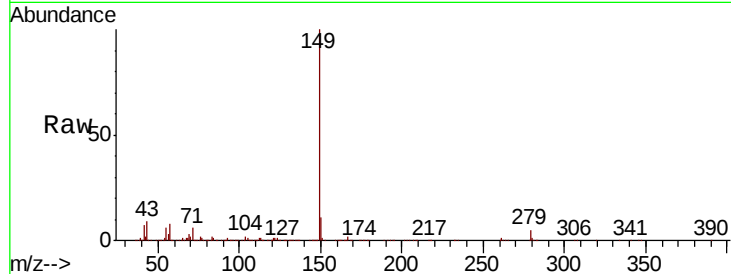
#85
Di-n-octyl phthalate
Concen: 46.867 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.3	8.3	12.5

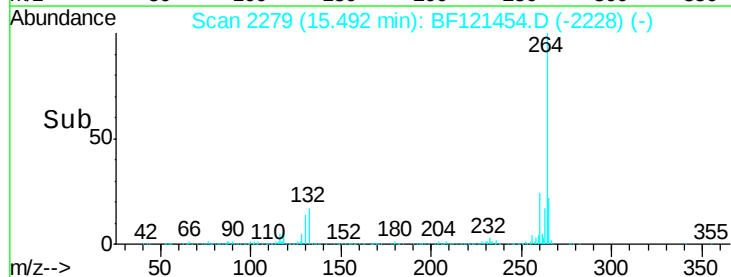
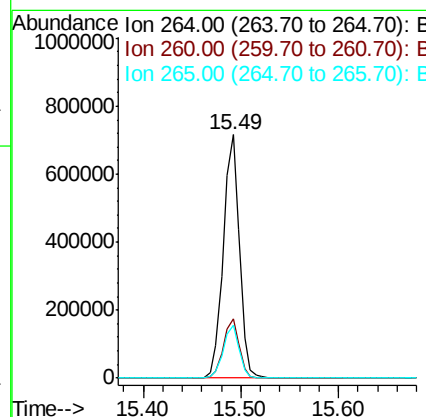
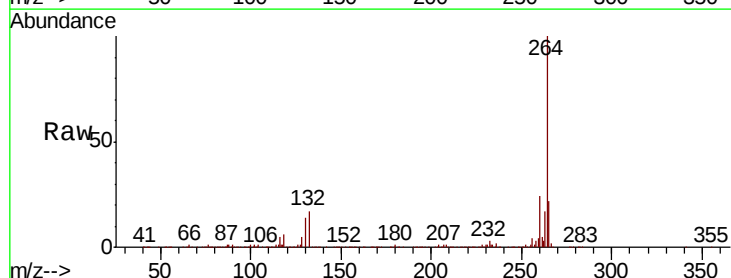
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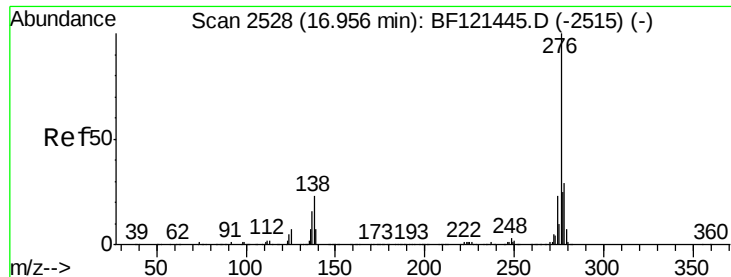
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.8	26.6





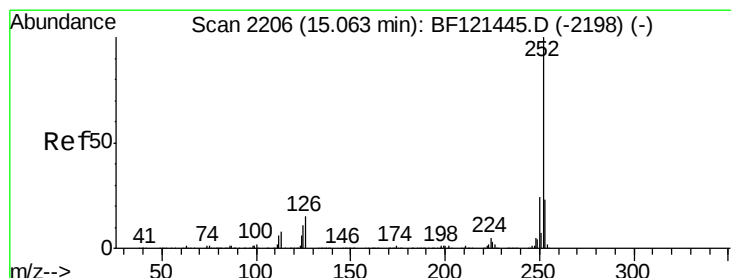
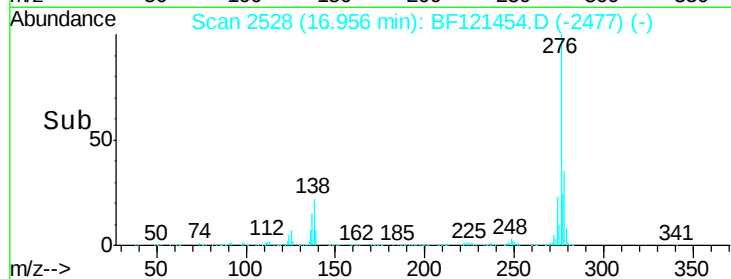
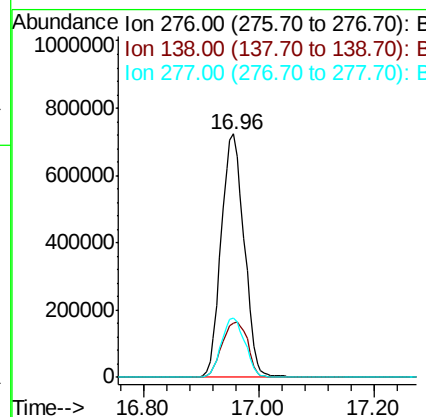
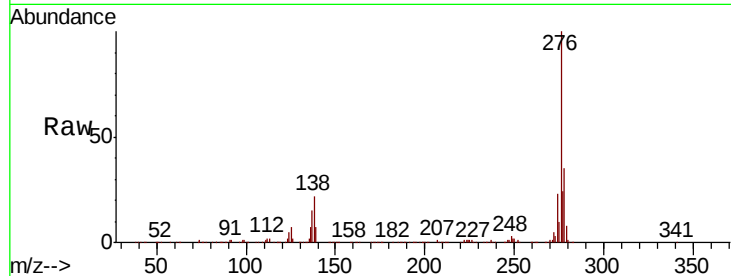
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.559 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	31.0
277	25.2	20.5	30.7

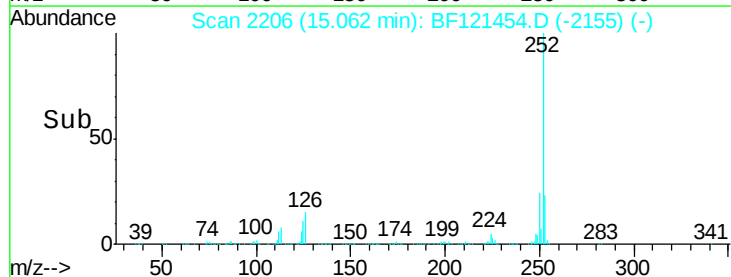
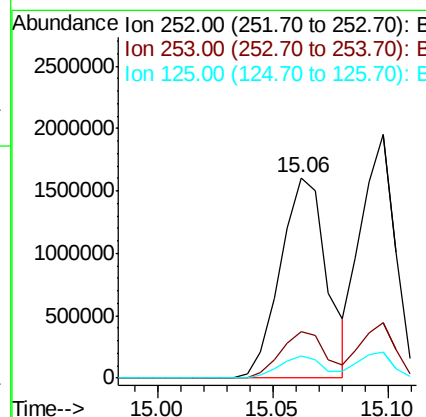
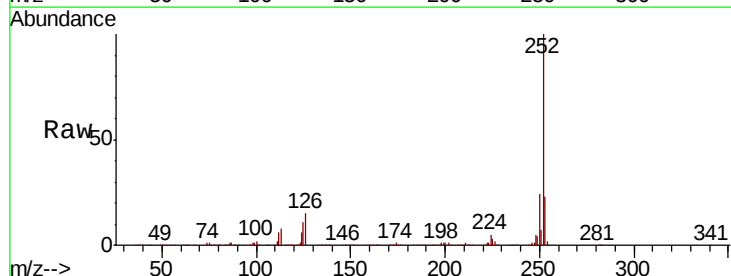
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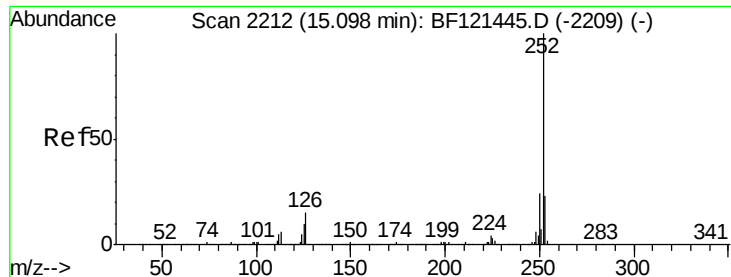
mohammad
 8/31/2020 10:27:11 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.981 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.2	9.2	13.8





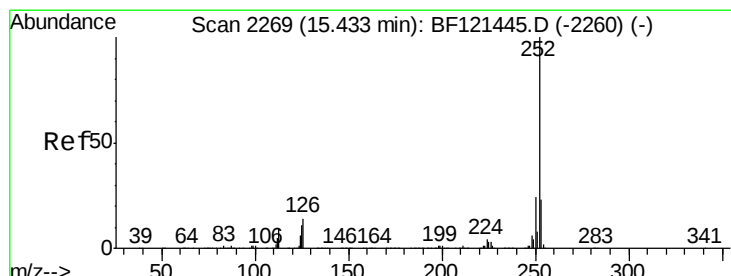
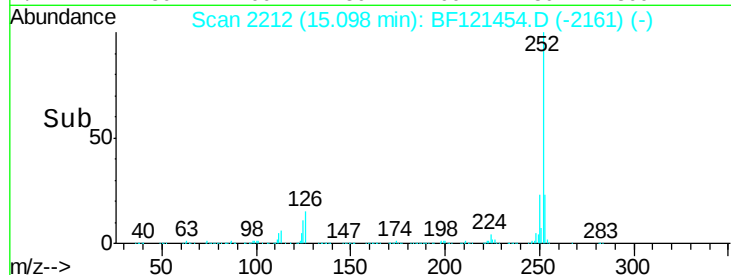
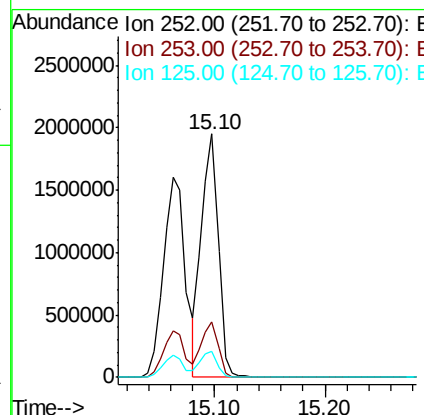
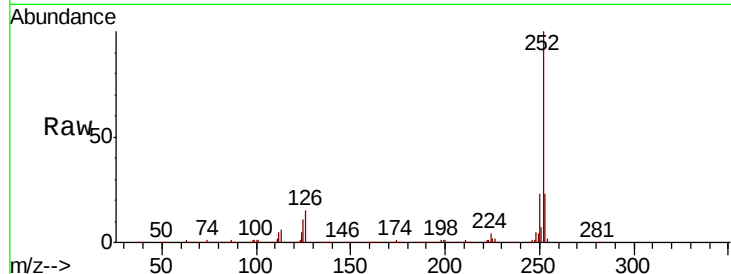
#89
Benzo(k)fluoranthene
Concen: 40.730 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.7	8.5	12.7

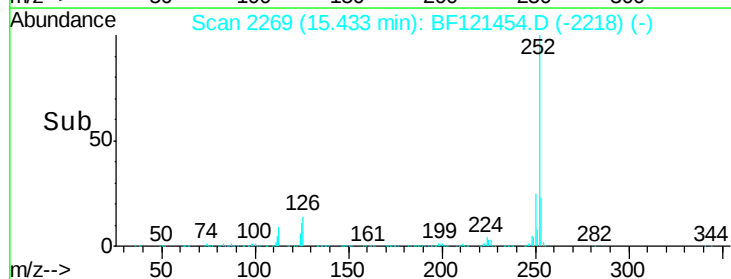
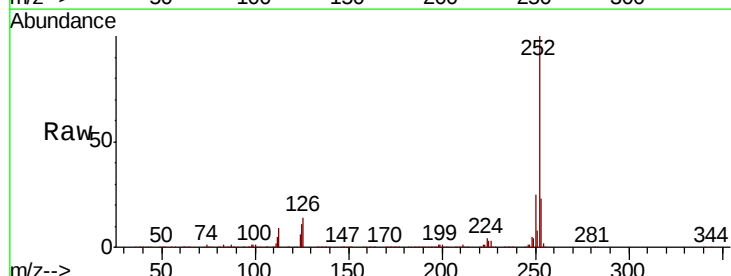
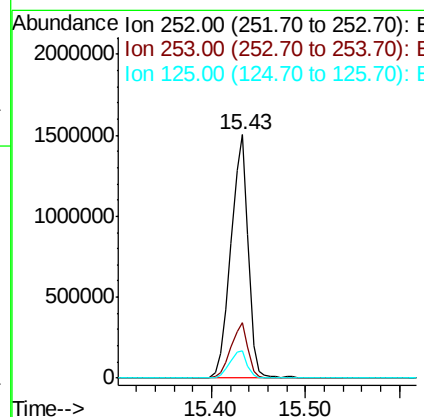
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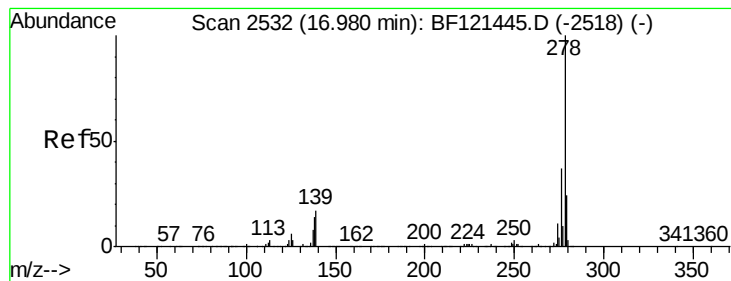
mohammad
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#90
Benzo(a)pyrene
Concen: 39.896 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.4	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.464 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:278 Resp: 1673370

Ion Ratio Lower Upper

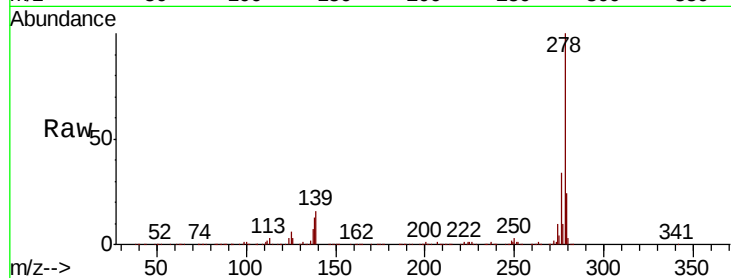
278 100

139 16.0 13.3 19.9

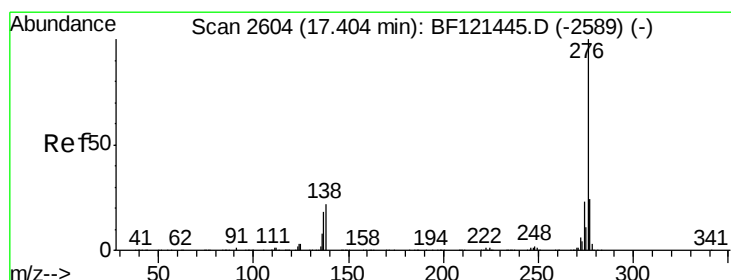
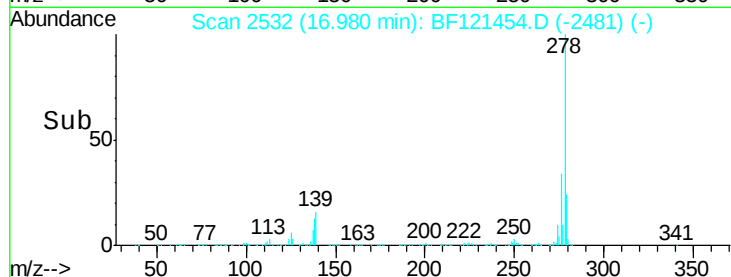
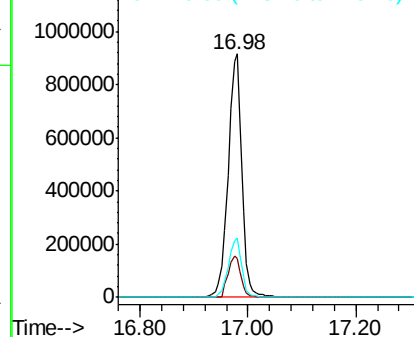
279 24.4 19.4 29.0

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:11 AM



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



#92

Benzo(g,h,i)perylene

Concen: 40.479 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

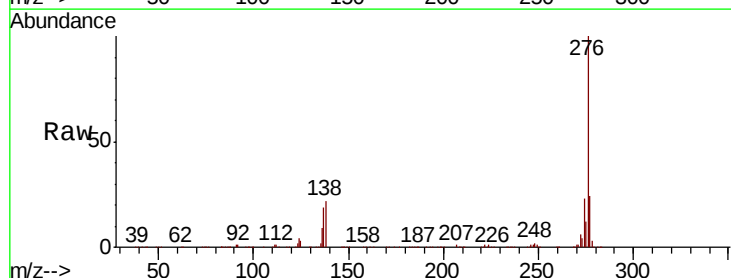
Tgt Ion:276 Resp: 1612563

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 21.7 17.4 26.0



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

