

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119937.D
 Acq On : 14 Apr 2020 6:11
 Operator : MA/SJ
 Sample : PB128142BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Manual Integrations
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mohammad
 4/14/2020 3:38:14 PM

Quant Time: Apr 14 07:09:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	221020	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	868946	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	467036	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	905011	20.00	ng	0.00
76) Chrysene-d12	13.91	240	649681	20.00	ng	0.00
87) Perylene-d12	15.33	264	623194	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1425244	111.44	ng	0.01
7) Phenol-d6	6.37	99	1858333	112.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	1161031	69.12	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	604792	105.77	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2324574	70.67	ng	0.00
79) Terphenyl-d14	12.86	244	2784231	72.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	156587	27.489	ng	97
3) Pyridine	3.16	79	456480	29.208	ng	98
4) n-Nitrosodimethylamine	3.11	42	265915	33.301	ng	93
6) Aniline	6.40	93	550794	25.465	ng	97
8) 2-Chlorophenol	6.52	128	578882	40.511	ng	98
9) Benzaldehyde	6.28	77	182291	14.847	ng	98
10) Phenol	6.39	94	733671	39.243	ng	98
11) bis(2-Chloroethyl)ether	6.47	93	526548	36.476	ng	99
12) 1,3-Dichlorobenzene	6.67	146	554405	35.438	ng	98
13) 1,4-Dichlorobenzene	6.75	146	559962	35.138	ng	99
14) 1,2-Dichlorobenzene	6.91	146	523843	35.668	ng	97
15) Benzyl Alcohol	6.89	79	466213	36.424	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	928660	33.060	ng	99
17) 2-Methylphenol	7.00	107	469717	36.834	ng	97
18) Hexachloroethane	7.25	117	207317	34.810	ng	91
19) n-Nitroso-di-n-propylamine	7.16	70	395187	37.292	ng	96
20) 3+4-Methylphenols	7.15	107	591280	37.911	ng	99
22) Acetophenone	7.15	105	751029	36.909	ng	# 97
24) Nitrobenzene	7.32	77	600169	35.520	ng	99
25) Isophorone	7.56	82	1132566	34.979	ng	98
26) 2-Nitrophenol	7.64	139	314948	37.309	ng	96
27) 2,4-Dimethylphenol	7.68	122	506245	39.763	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	708502	37.186	ng	100
29) 2,4-Dichlorophenol	7.88	162	499630	38.285	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	512904	34.687	ng	99
31) Naphthalene	8.05	128	1639994	35.872	ng	99
32) Benzoic acid	7.82	122	402830	36.027	ng	93
33) 4-Chloroaniline	8.09	127	286997	14.420	ng	98
34) Hexachlorobutadiene	8.16	225	287516	32.482	ng	99
35) Caprolactam	8.47	113	163264m	40.898	ng	
36) 4-Chloro-3-methylphenol	8.59	107	559472	39.598	ng	94
37) 2-Methylnaphthalene	8.74	142	1140076	36.782	ng	99
38) 1-Methylnaphthalene	8.84	142	1079563	36.953	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	495782	33.610	ng	99

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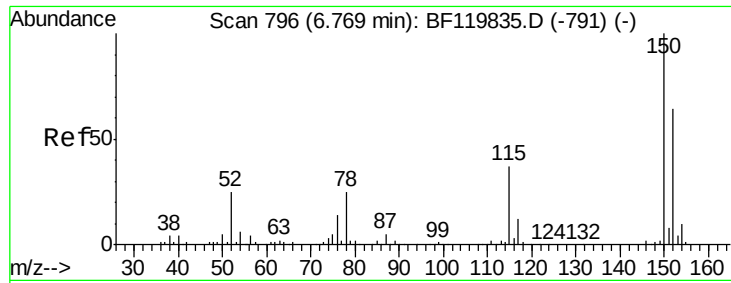
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	563521	67.182	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	378226	37.131	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	414325	36.114	nq	98
46) 1,1'-Biphenyl	9.20	154	1393405	35.347	nq	99
47) 2-Chloronaphthalene	9.23	162	1087325	35.806	nq	98
48) 2-Nitroaniline	9.33	65	412905	37.521	nq	93
49) Acenaphthylene	9.65	152	1740163	37.680	nq	99
50) Dimethylphthalate	9.51	163	1337242	37.018	nq	100
51) 2,6-Dinitrotoluene	9.57	165	303672	38.388	nq	94
52) Acenaphthene	9.82	154	1059834	34.402	nq	99
53) 3-Nitroaniline	9.73	138	178237	19.728	nq	97
54) 2,4-Dinitrophenol	9.85	184	263665	55.671	nq	93
55) Dibenzofuran	9.99	168	1569875	37.135	nq	98
56) 4-Nitrophenol	9.91	139	500320	74.427	nq	96
57) 2,4-Dinitrotoluene	9.97	165	401942	38.565	nq	95
58) Fluorene	10.33	166	1223846	36.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	351984	40.114	nq	97
60) Diethylphthalate	10.21	149	1384821	36.987	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	585605	33.794	nq	96
62) 4-Nitroaniline	10.36	138	324935	37.738	nq	99
63) Azobenzene	10.49	77	1293118	38.539	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	203807	34.183	nq	98
66) n-Nitrosodiphenylamine	10.45	169	1156431	38.422	nq	98
67) 4-Bromophenyl-phenylether	10.82	248	395390	35.131	nq	93
68) Hexachlorobenzene	10.88	284	431516	37.794	nq	93
69) Atrazine	10.97	200	353636	42.229	nq	99
70) Pentachlorophenol	11.07	266	464379	70.578	nq	99
71) Phenanthrene	11.29	178	1827432	37.941	nq	99
72) Anthracene	11.35	178	1883740	38.284	nq	100
73) Carbazole	11.50	167	1750556	37.621	nq	99
74) Di-n-butylphthalate	11.83	149	2193127	35.853	nq	99
75) Fluoranthene	12.48	202	2014898	38.770	nq	98
77) Benzidine	12.60	184	716607	32.631	nq	96
78) Pyrene	12.71	202	2028588	37.039	nq	99
80) Butylbenzylphthalate	13.33	149	939625	35.356	nq	99
81) Benzo(a)anthracene	13.90	228	1597526	37.378	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	348806	21.872	nq	# 95
83) Chrysene	13.94	228	1658756	38.196	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1210583	33.637	nq	100
85) Di-n-octyl phthalate	14.50	149	2224343	36.299	nq	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1492649	38.992	nq	98
88) Benzo(b)fluoranthene	14.93	252	1703226	37.992	nq	99
89) Benzo(k)fluoranthene	14.96	252	1513600	39.130	nq	99
90) Benzo(a)pyrene	15.27	252	1444328	38.317	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	1230801	36.863	nq	98
92) Benzo(g,h,i)perylene	17.14	276	1213587	36.822	nq	97

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



#1

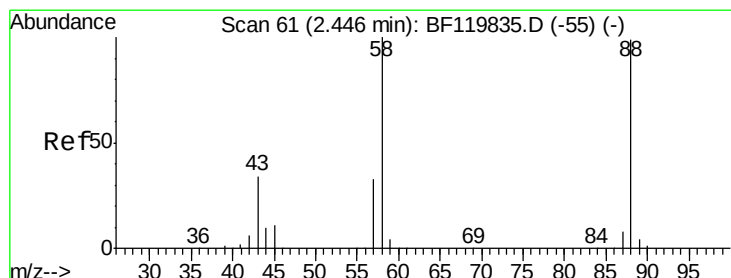
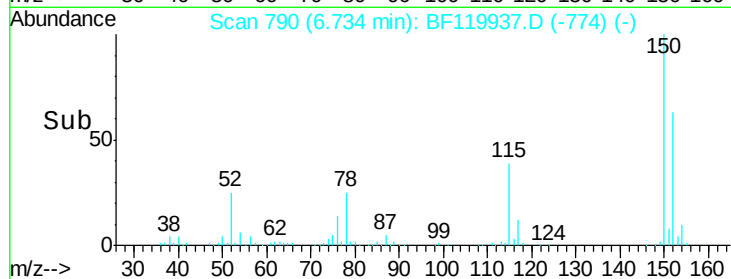
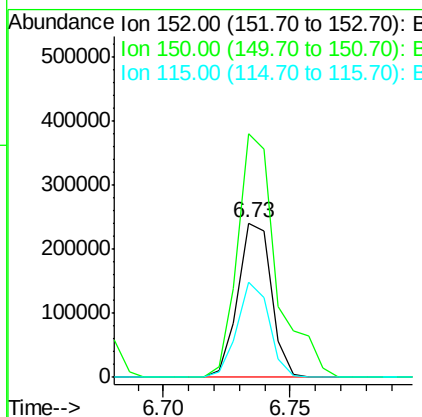
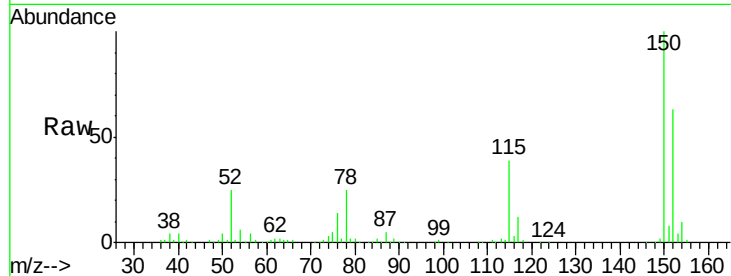
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.8	187.2
115	61.4	46.5	69.7

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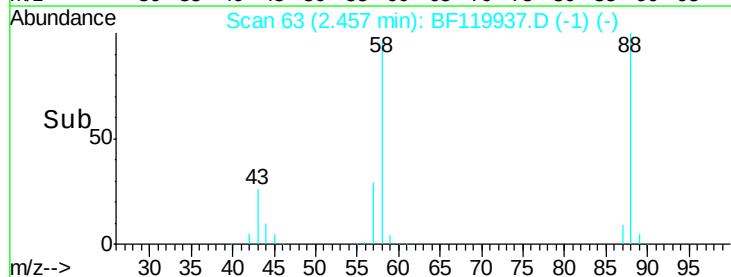
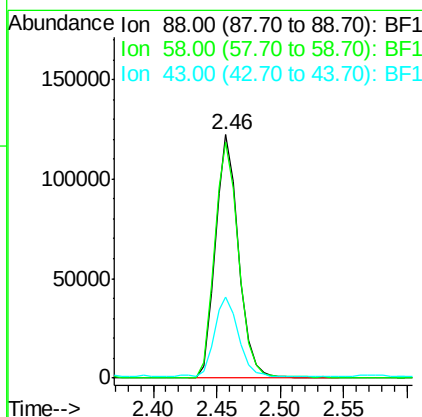
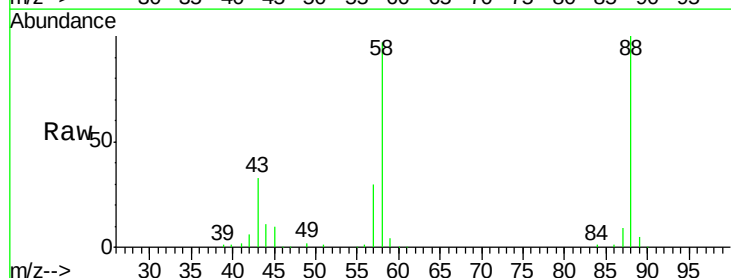
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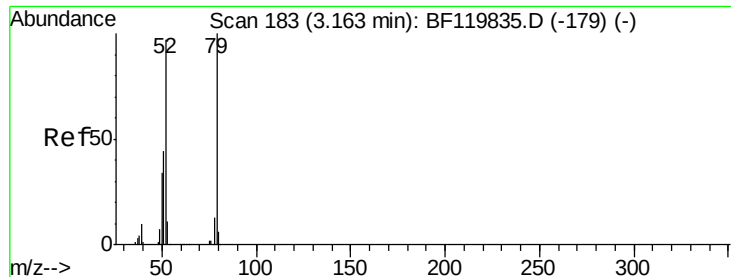


#2

1,4-Dioxane
Concen: 27.489 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.07 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	82.6	123.8
43	33.9	28.6	42.8





#3

Pvridine

Concen: 29.208 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.07 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

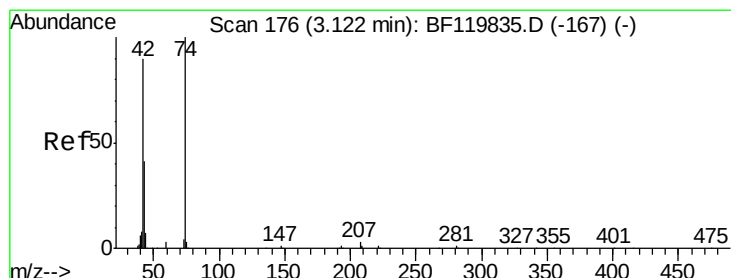
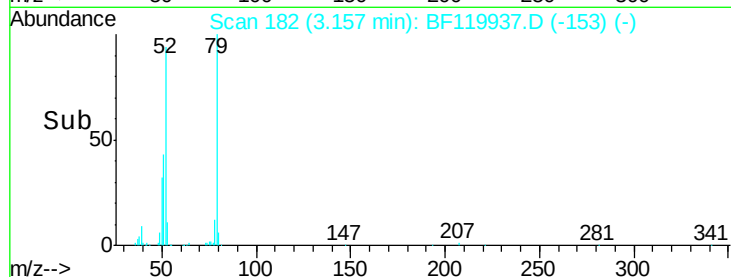
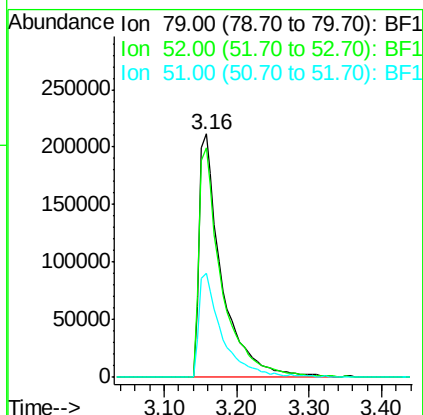
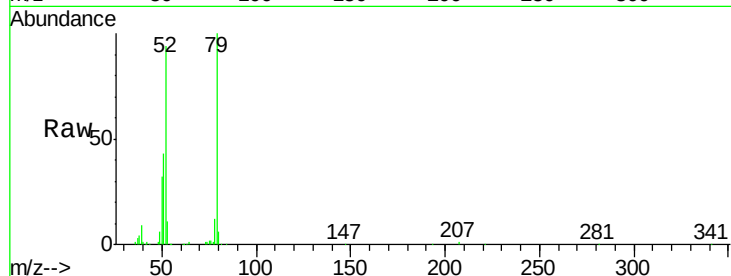
ClientSampleId :

PB128142BS

Tot Ion:	79	Resp:	456480
Ion	Ratio	Lower	Upper
79	100		
52	94.2	77.4	116.0
51	42.9	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 33.301 ng

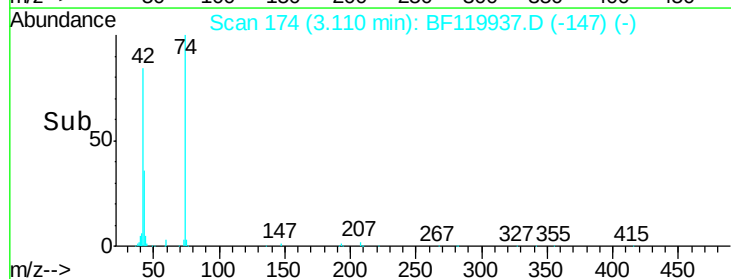
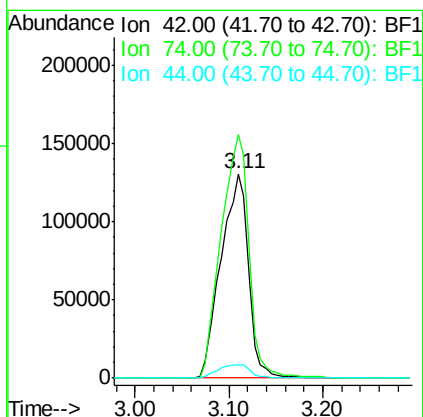
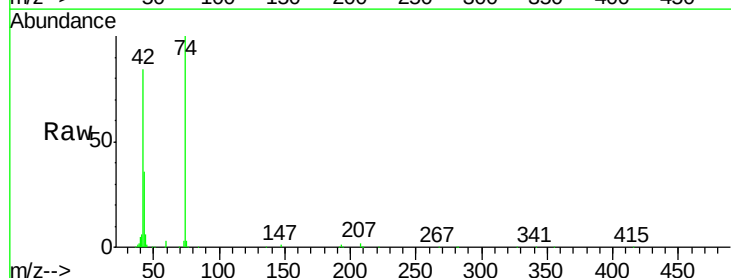
RT: 3.11 min Scan# 174

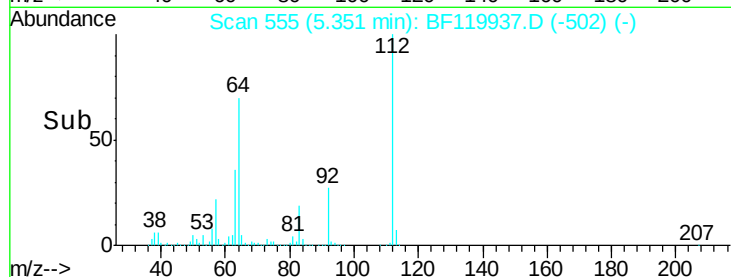
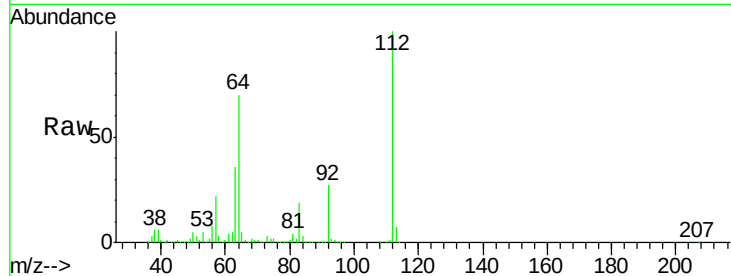
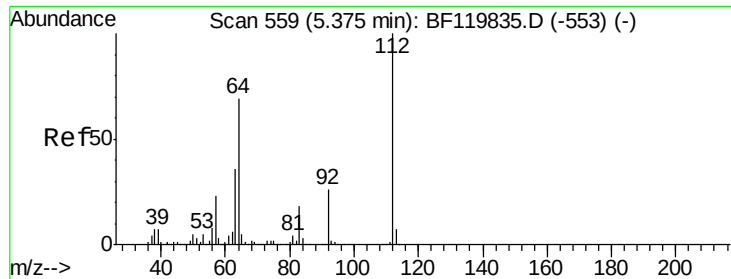
Delta R.T. 0.06 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	42	Resp:	265915
Ion	Ratio	Lower	Upper
42	100		
74	119.3	89.0	133.4
44	6.6	6.2	9.4





#5

2-Fluorophenol

Concen: 111.442 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tot Ion:	112	Resp:	1425244
Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	36.2	29.1	43.7

Instrument :

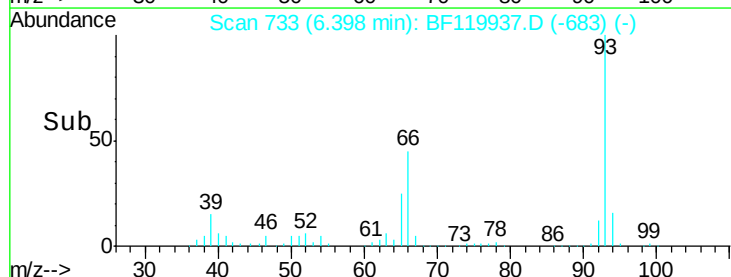
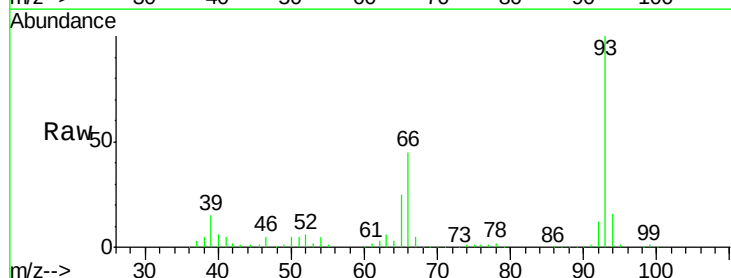
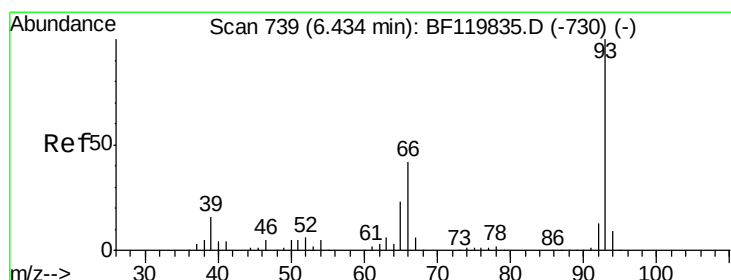
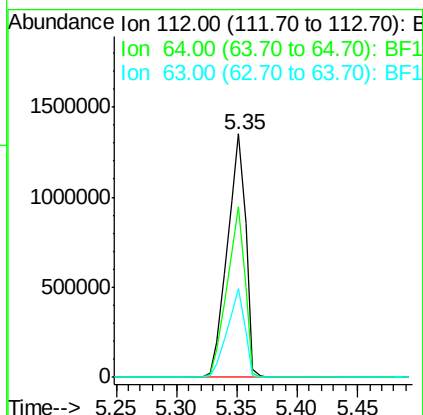
BNA_F

ClientSampleId :

PB128142BS

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#6

Aniline

Concen: 25.465 ng

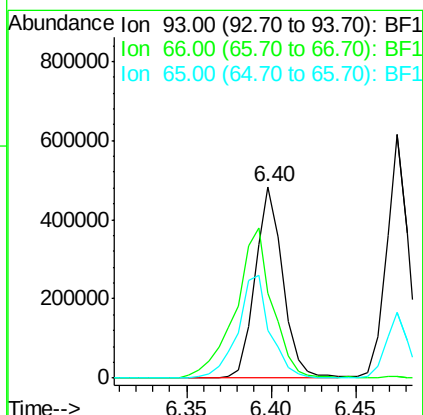
RT: 6.40 min Scan# 733

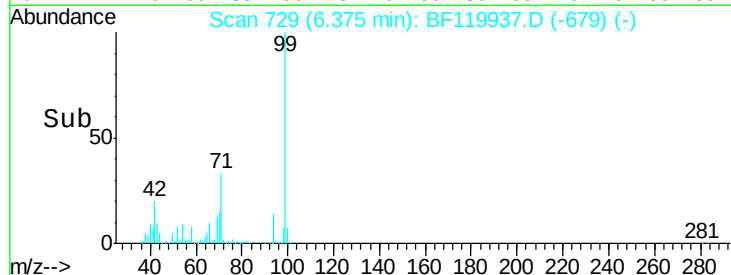
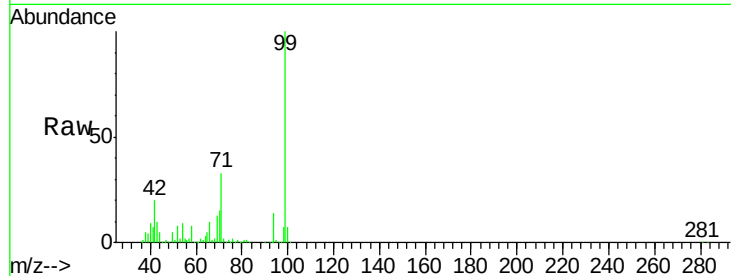
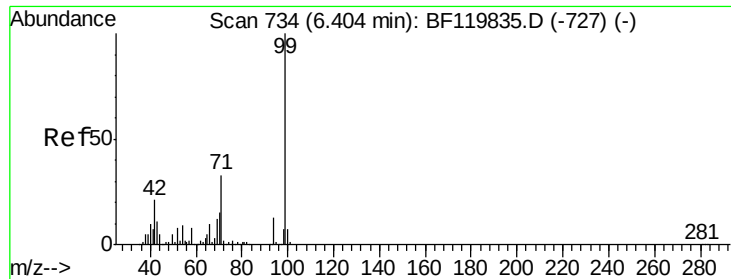
Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	93	Resp:	550794
Ion	Ratio	Lower	Upper
93	100		
66	44.7	34.2	51.2
65	24.9	18.3	27.5





#7

Phenol-d6

Concen: 112.767 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tot Ion:	99	Resp:	1858333
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.9	25.3
71	32.8	26.3	39.5

Instrument :

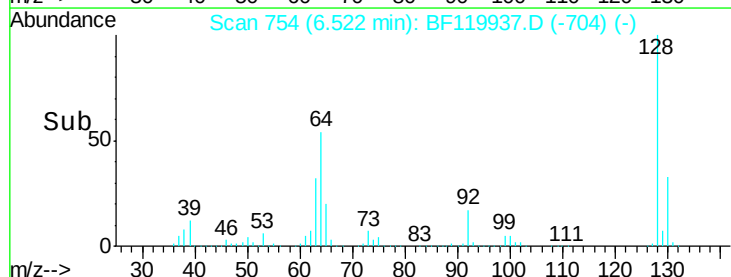
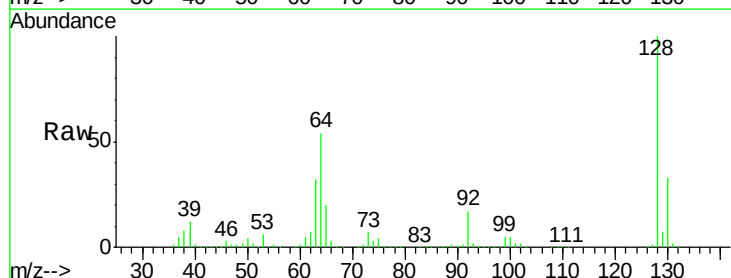
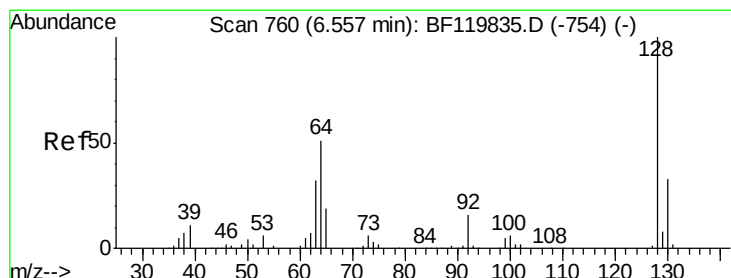
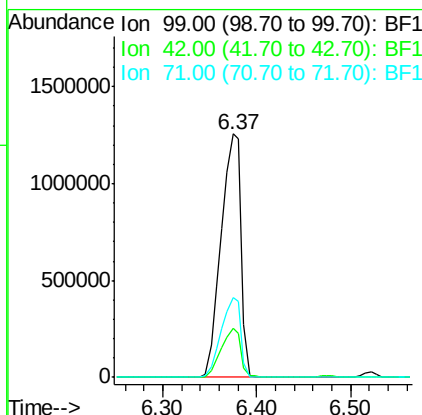
BNA_F

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PB128142BS

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#8

2-Chlorophenol

Concen: 40.511 ng

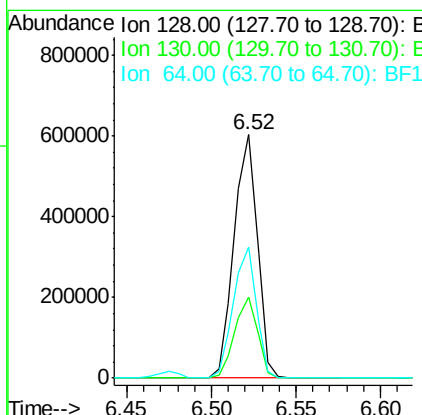
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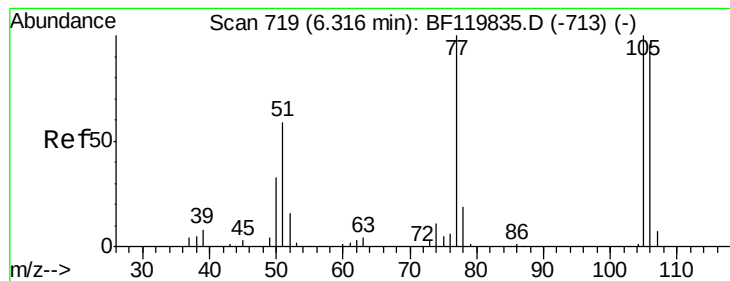
Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	128	Resp:	578882
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	53.9	32.0	72.0





#9

Benzaldehyde

Concen: 14.847 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

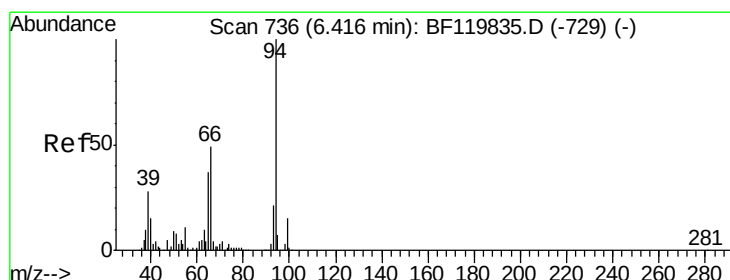
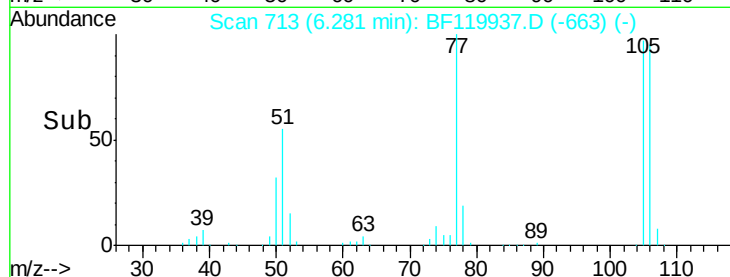
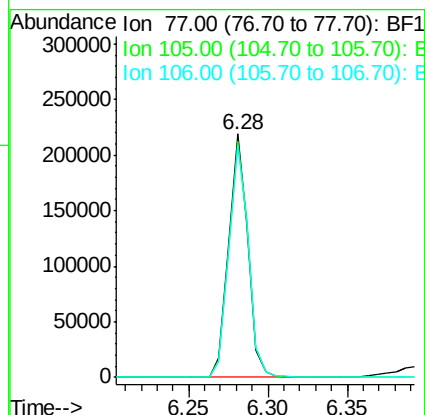
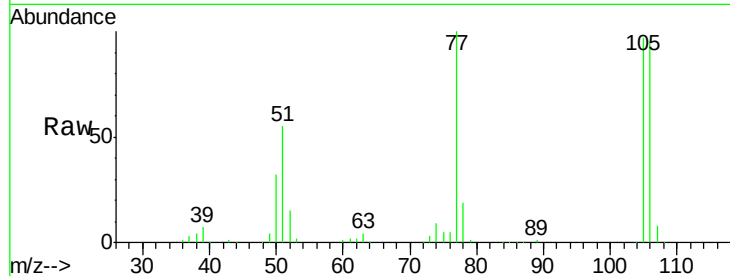
ClientSampleId :

PB128142BS

Tot Ion:	77	Resp:	182291
Ion Ratio	Lower	Upper	
77	100		
105	96.8	79.9	119.9
106	95.2	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 39.243 ng

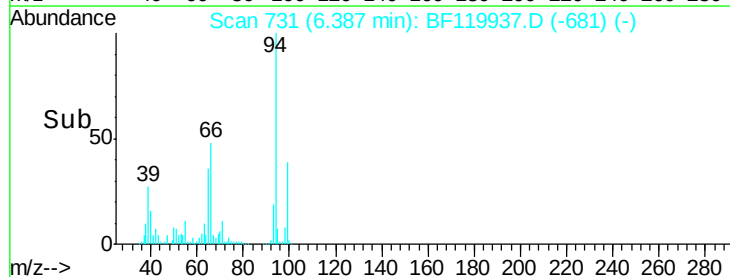
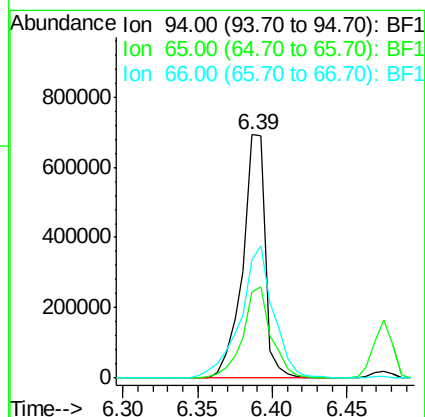
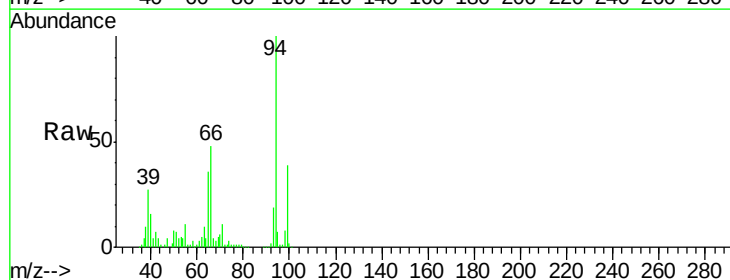
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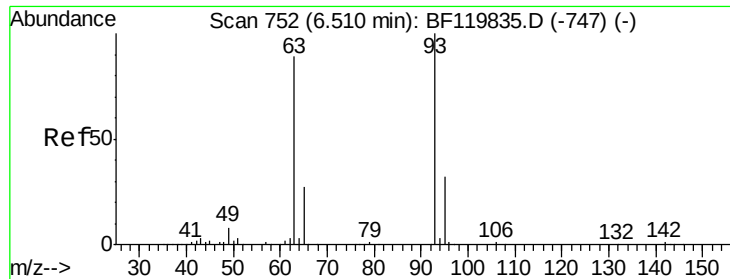
Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	94	Resp:	733671
Ion Ratio	Lower	Upper	
94	100		
65	35.6	16.6	56.6
66	48.4	29.3	69.3





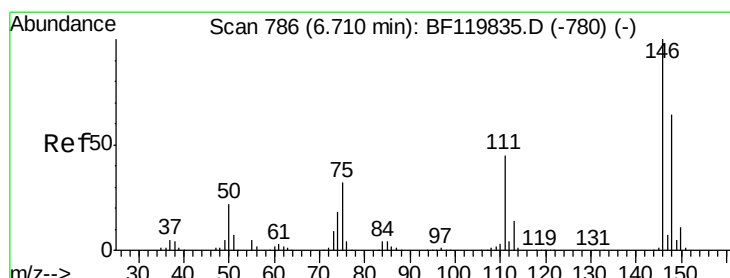
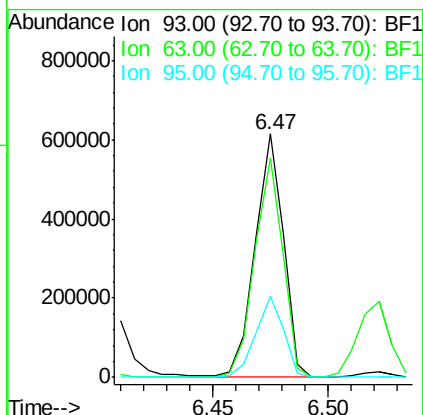
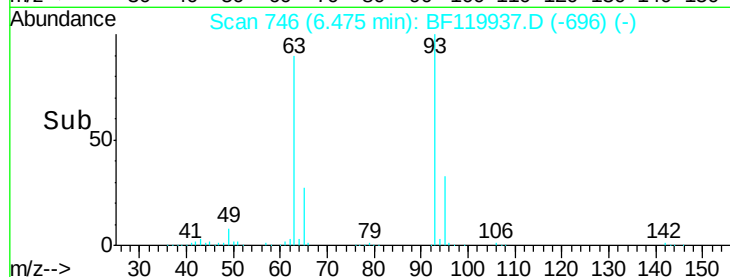
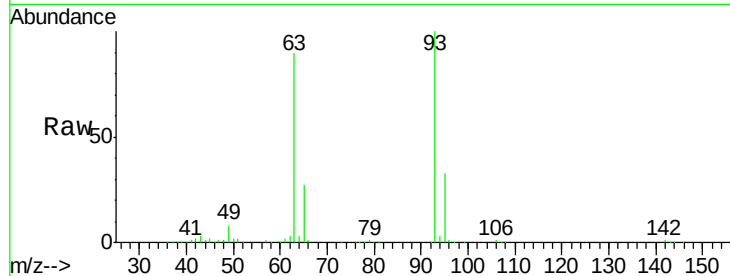
#11
bis(2-Chloroethyl)ether
Concen: 36.476 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	69.1	109.1
95	33.1	12.3	52.3

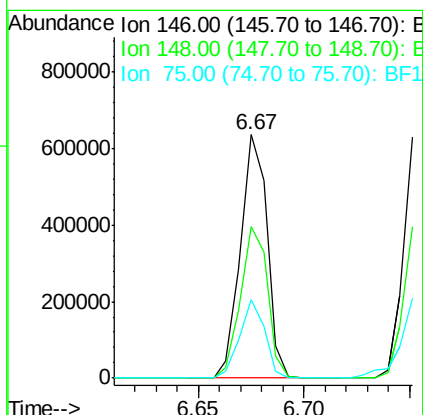
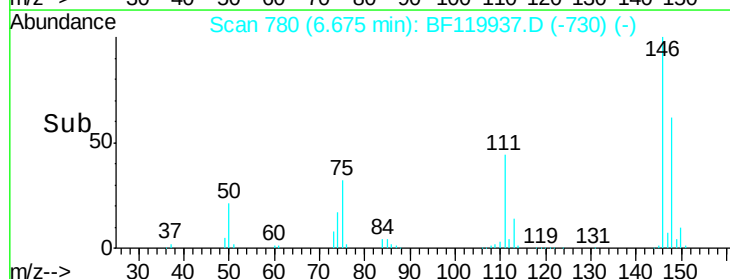
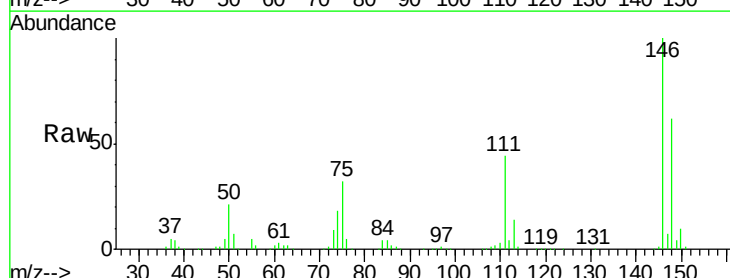
Manual Integrations
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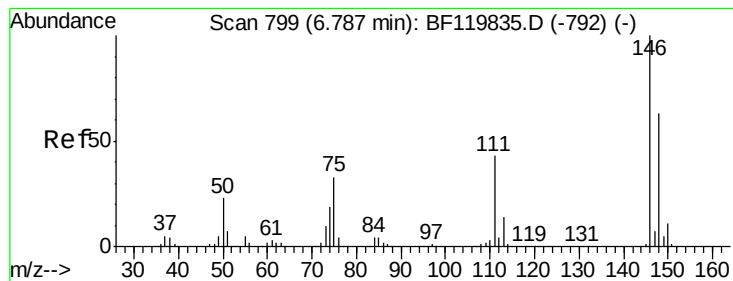
mohammad
4/14/2020 3:38:14 PM



#12
1,3-Dichlorobenzene
Concen: 35.438 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.3	76.9
75	32.4	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 35.138 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

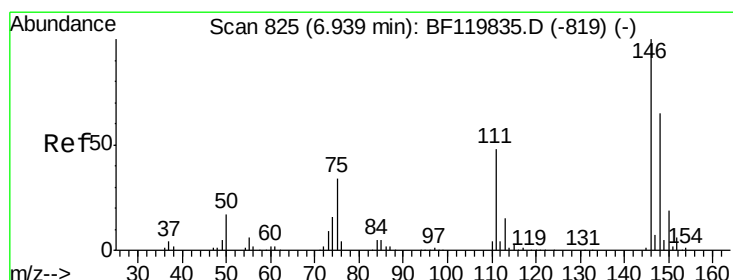
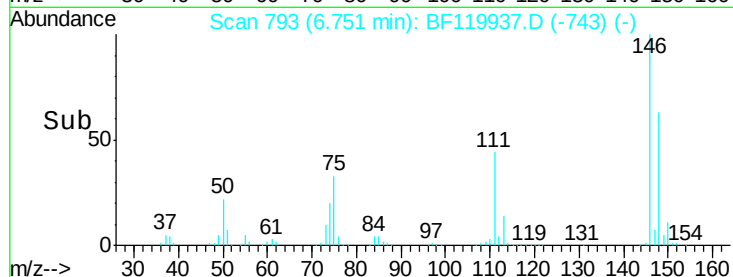
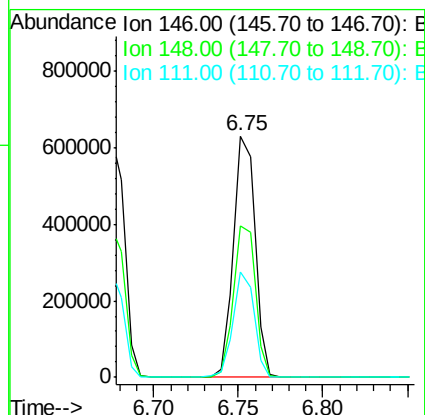
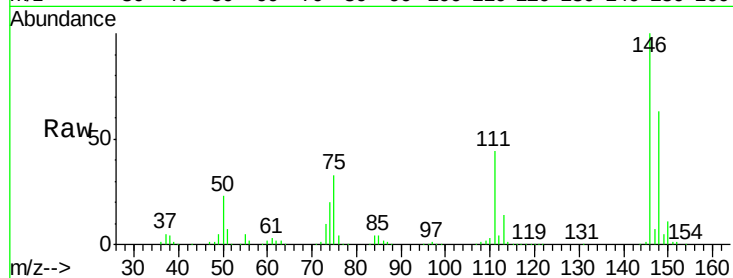
ClientSampleId :

PB128142BS

Tot Ion:	146	Resp:	559962
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.5	75.7
111	43.8	34.7	52.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.668 ng

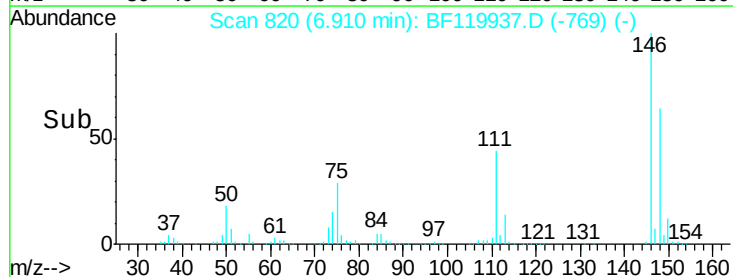
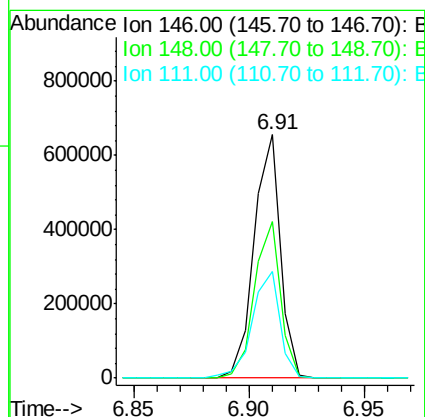
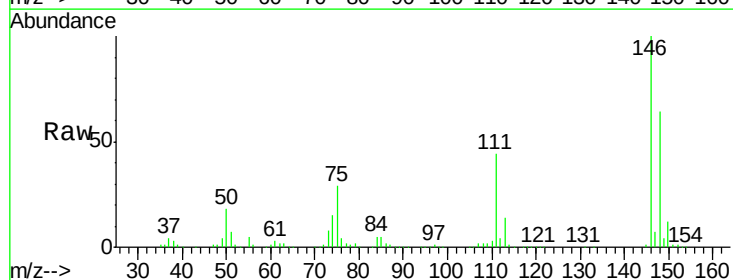
RT: 6.91 min Scan# 820

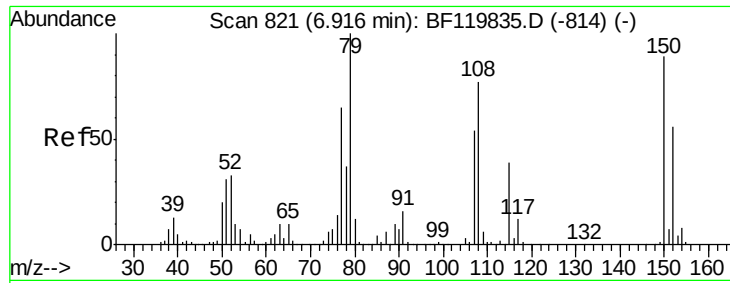
Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	146	Resp:	523843
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.8
111	43.7	38.0	57.0





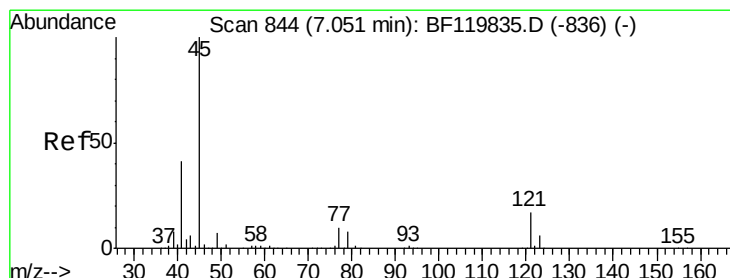
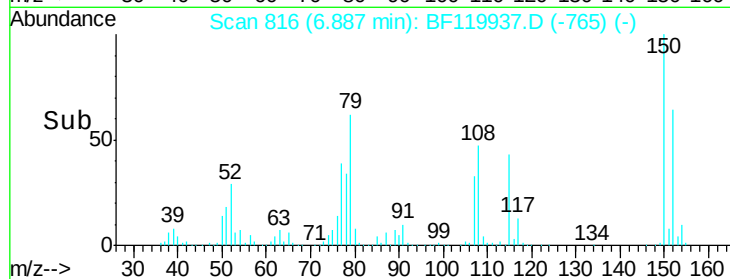
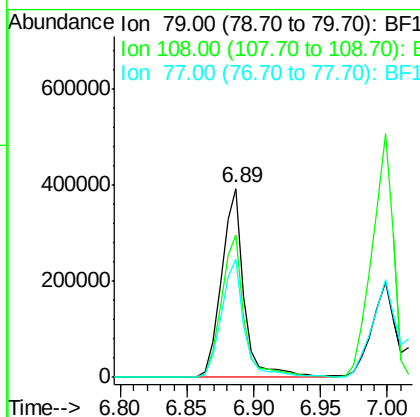
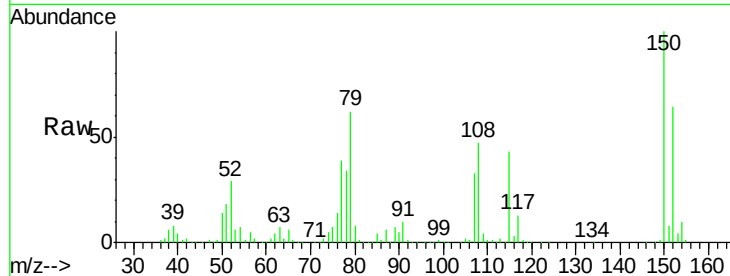
#15
Benzyl Alcohol
Concen: 36.424 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	62.0	93.0
77	62.6	51.8	77.6

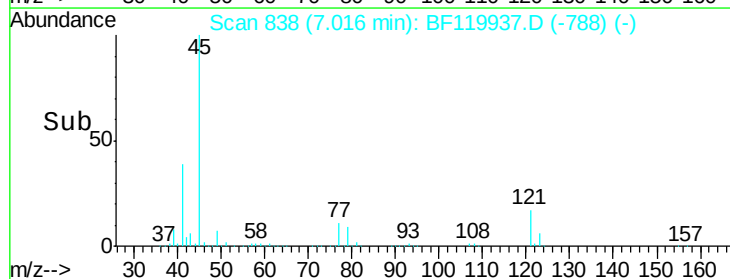
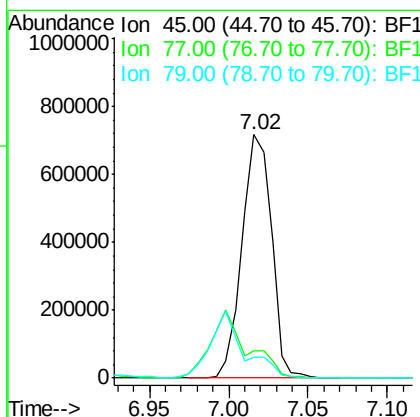
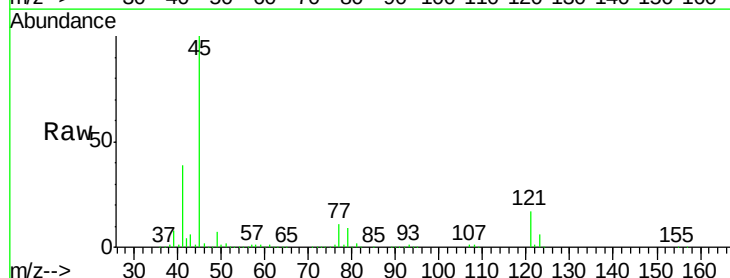
Manual Integrations
APPROVED

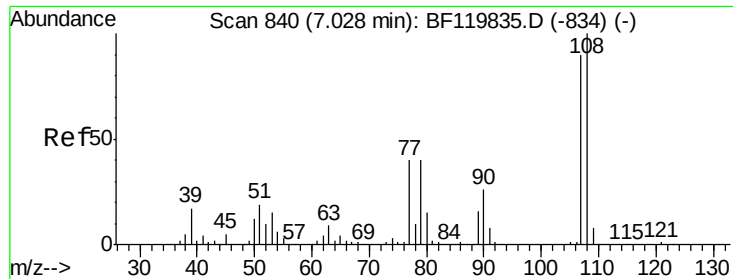
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.060 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.7
79	8.6	0.0	28.6





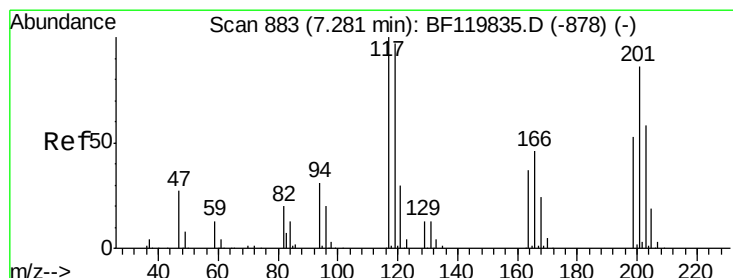
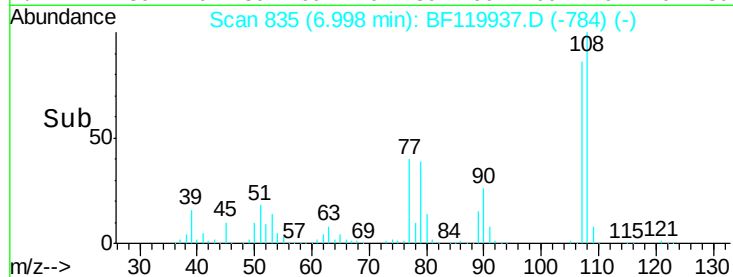
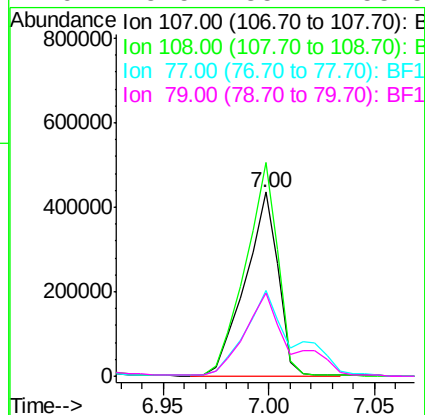
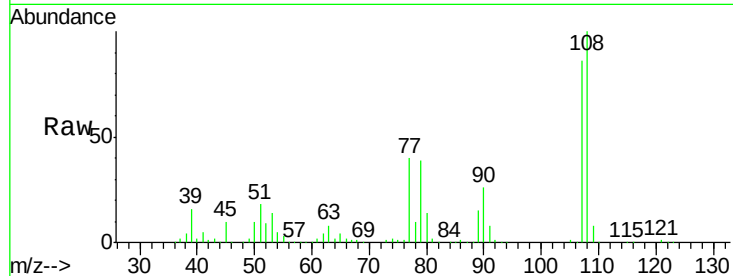
#17
2-Methylphenol
Concen: 36.834 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion:	107	Resp:	469717
Ion Ratio	Lower	Upper	
107	100		
108	116.0	88.8	133.2
77	46.6	36.0	54.0
79	45.5	35.7	53.5

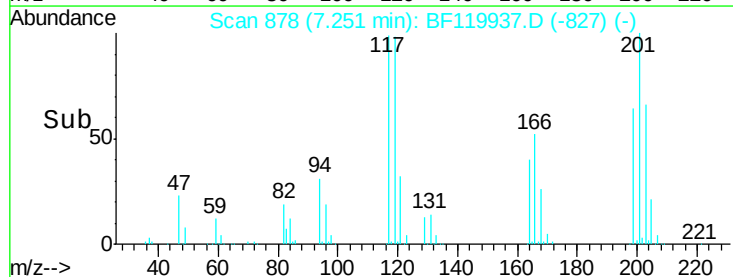
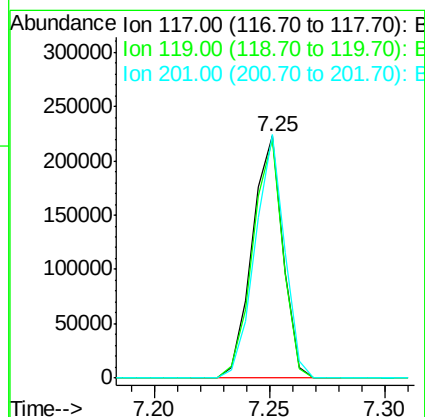
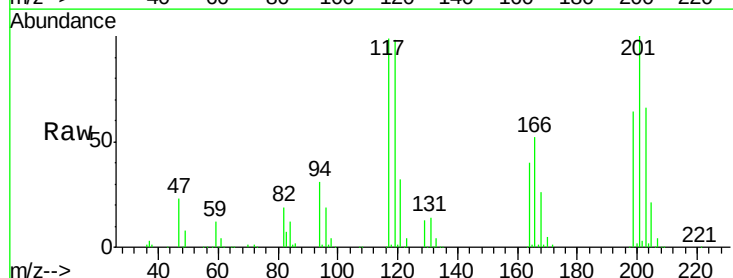
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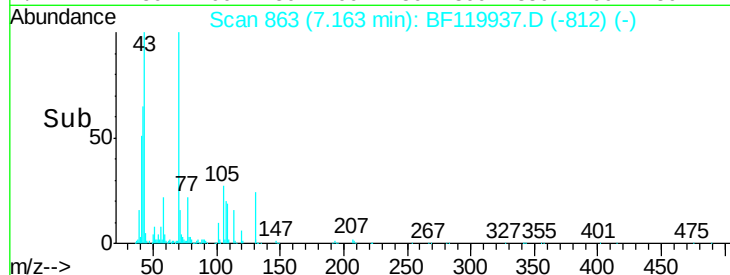
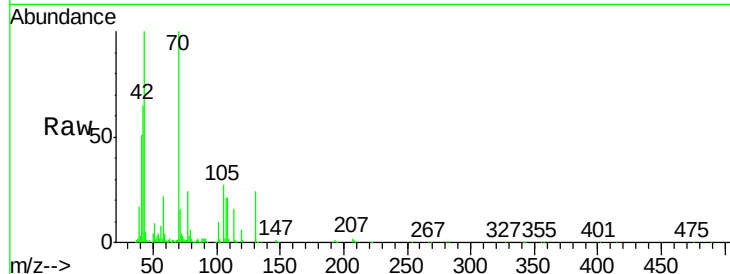
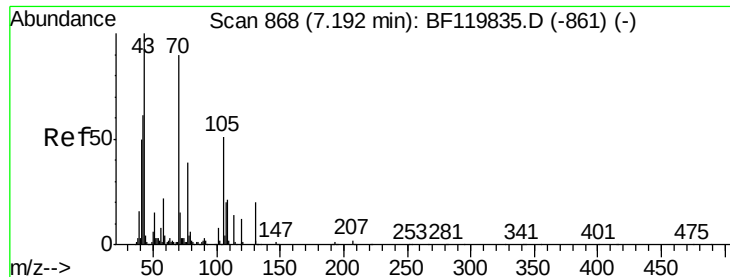
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#18
Hexachloroethane
Concen: 34.810 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:	117	Resp:	207317
Ion Ratio	Lower	Upper	
117	100		
119	98.7	77.4	116.0
201	100.5	68.4	102.6





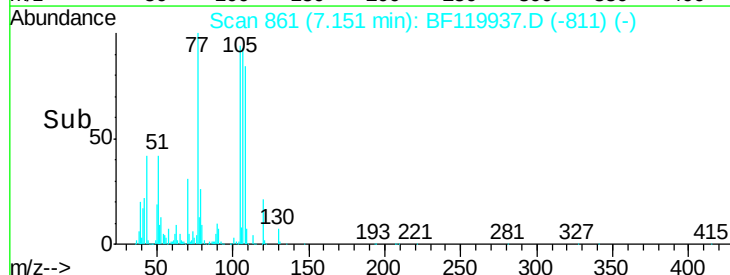
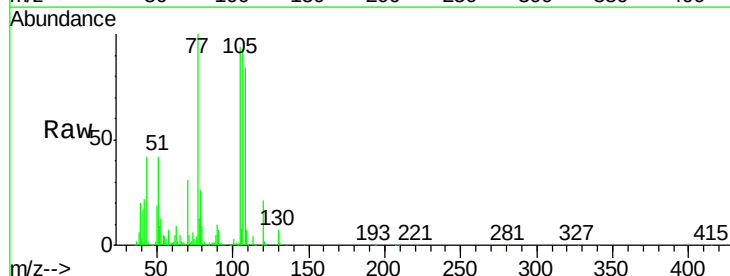
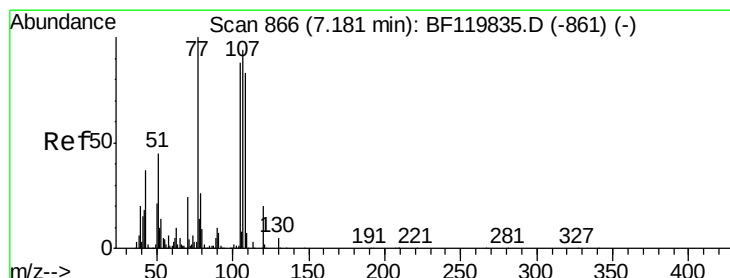
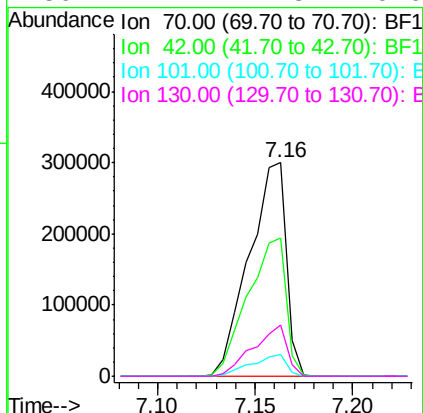
#19
n-Nitroso-di-n-propylamine
Concen: 37.292 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		395187		
42	64.9	54.2	81.4		
101	10.0	7.4	11.2		
130	24.2	17.8	26.6		

Instrument :
BNA_F
ClientSampleId :
PB128142BS

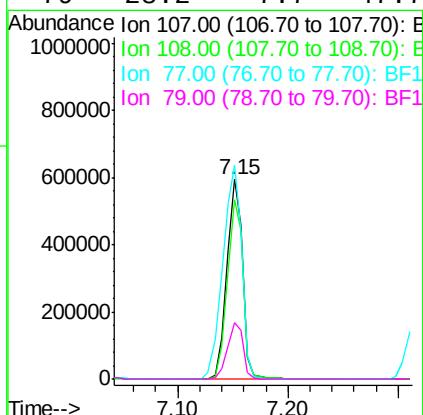
Manual Integrations
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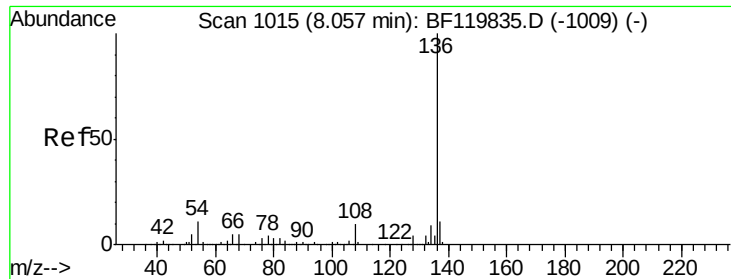
mohammad
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#20
3+4-Methylphenols
Concen: 37.911 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		591280		
108	89.8	68.2	108.2		
77	107.0	86.6	126.6		
79	28.2	7.7	47.7		





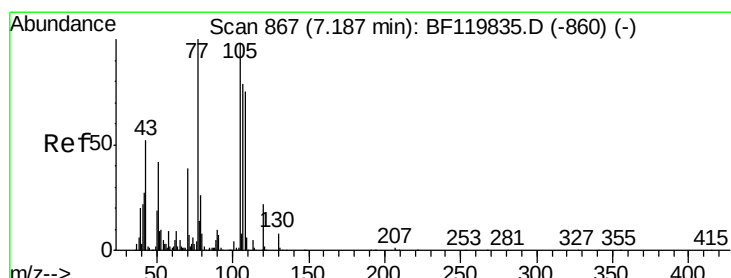
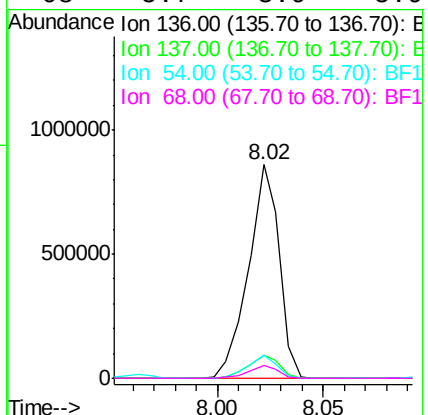
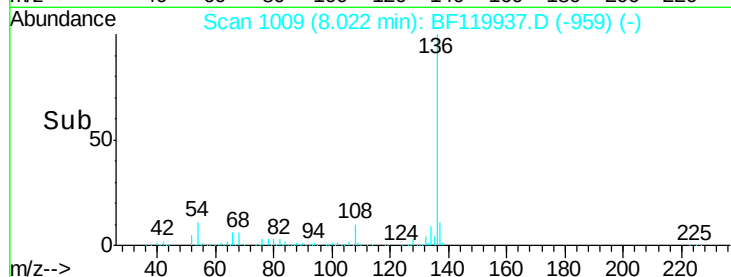
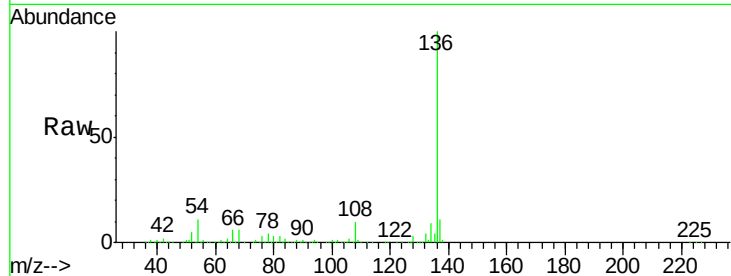
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	868946		
137	11.0	8.7	13.1	
54	10.7	8.5	12.7	
68	5.7	3.9	5.9	

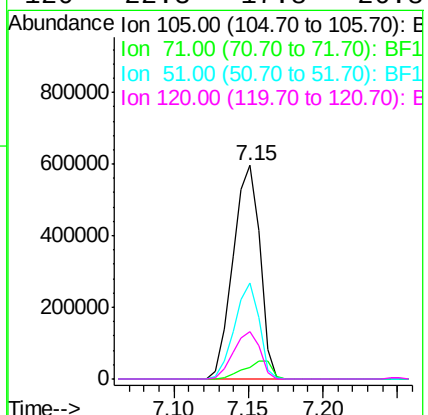
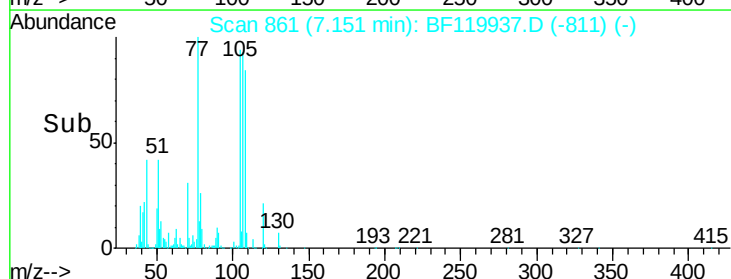
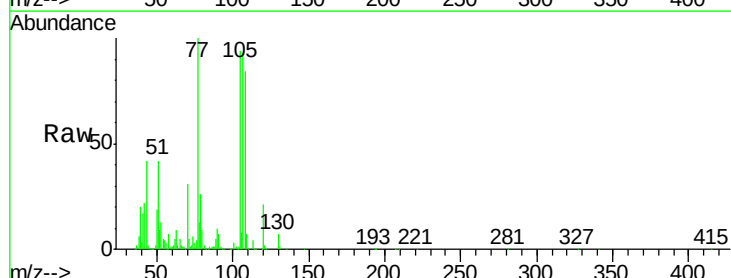
Manual Integrations
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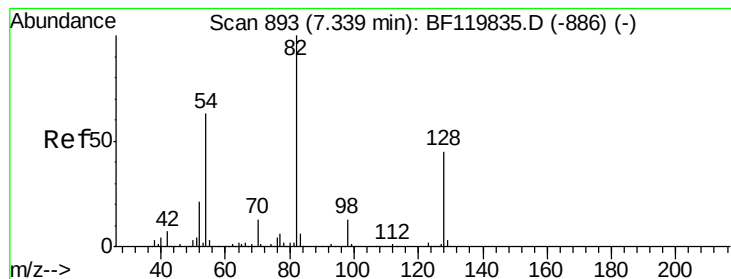
mohammad
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#22
Acetophenone
Concen: 36.909 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	751029		
71	5.5	5.6	8.4#	
51	44.9	33.9	50.9	
120	22.3	17.8	26.8	





#23

Nitrobenzene-d5

Concen: 69.123 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion: 82 Resp: 1161031

Ion Ratio Lower Upper

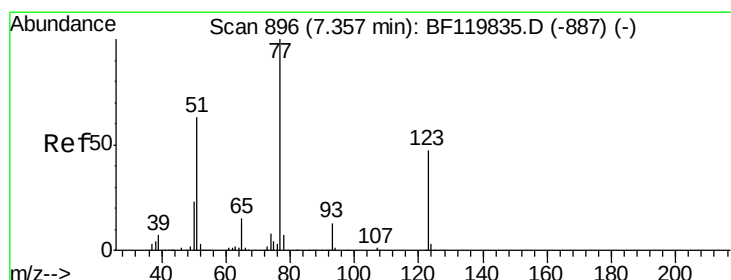
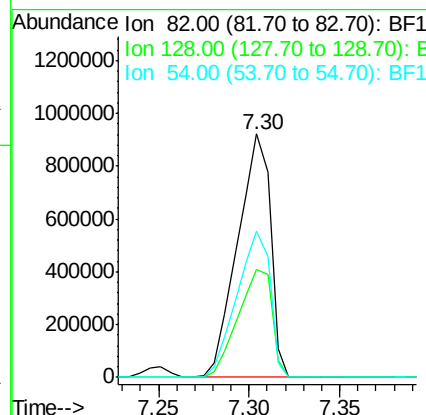
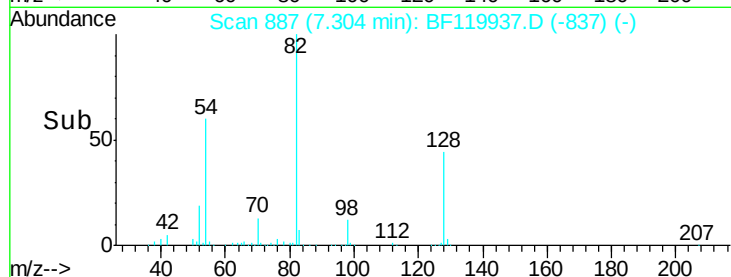
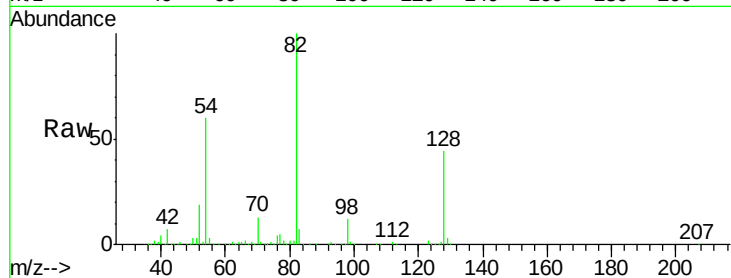
82 100

128 44.4 36.2 54.4

54 60.1 50.4 75.6

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#24

Nitrobenzene

Concen: 35.520 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

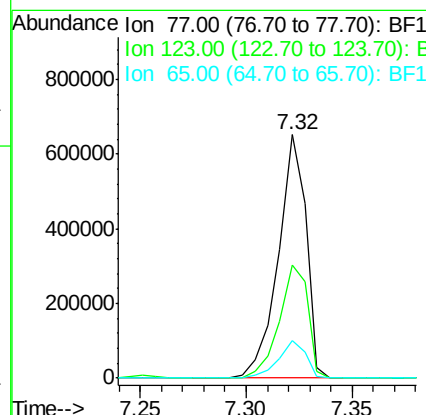
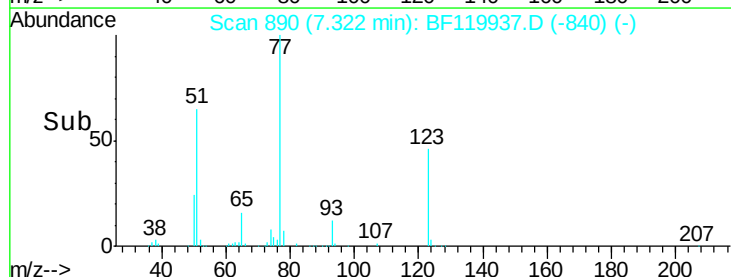
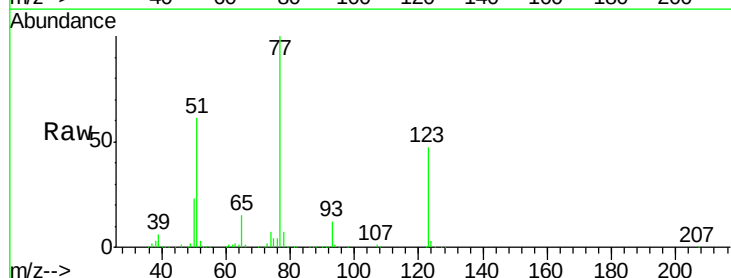
Tgt Ion: 77 Resp: 600169

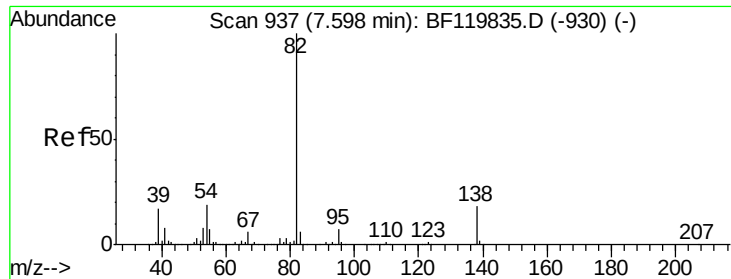
Ion Ratio Lower Upper

77 100

123 46.6 37.8 56.8

65 15.3 12.2 18.2





#25

Isophorone

Concen: 34.979 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion: 82 Resp: 1132566

Ion Ratio Lower Upper

82 100

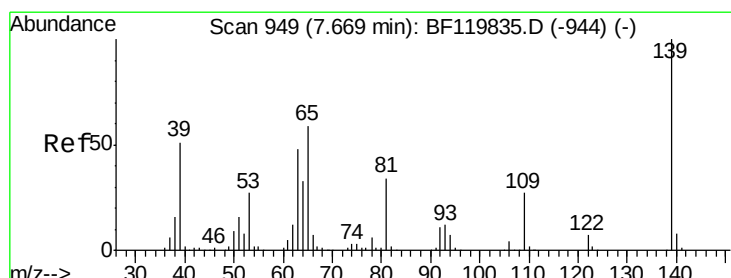
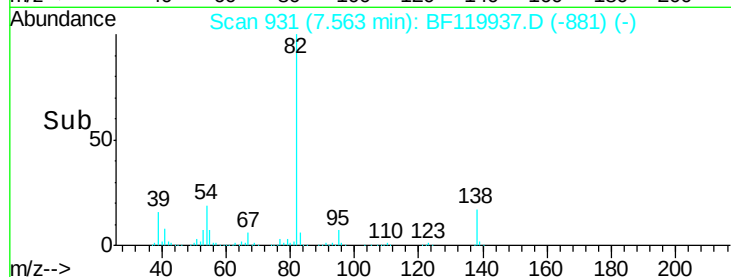
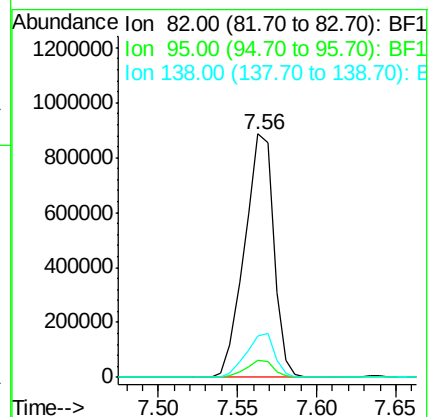
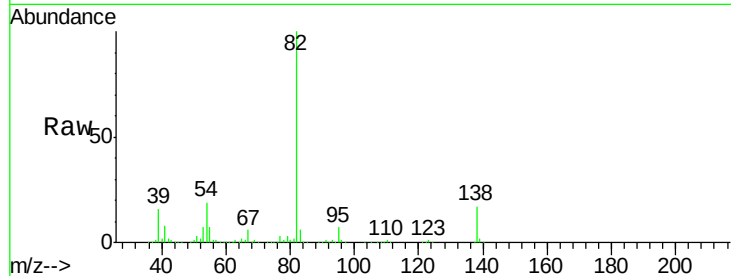
95 6.8 5.8 8.6

138 17.0 14.5 21.7

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#26

2-Nitrophenol

Concen: 37.309 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

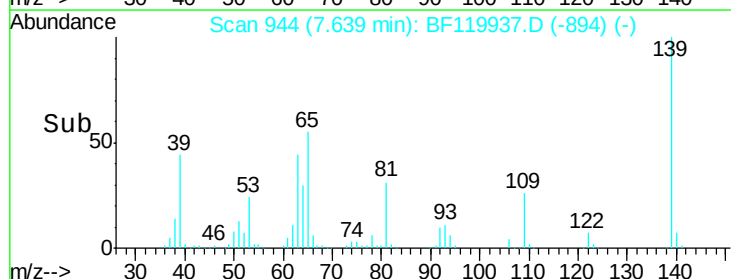
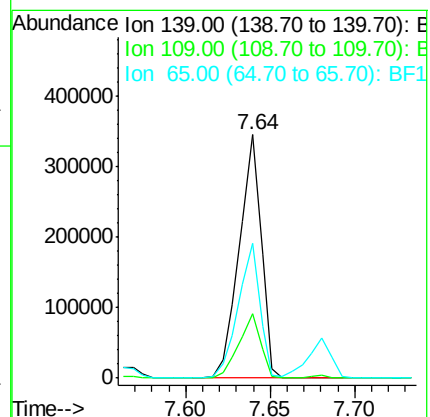
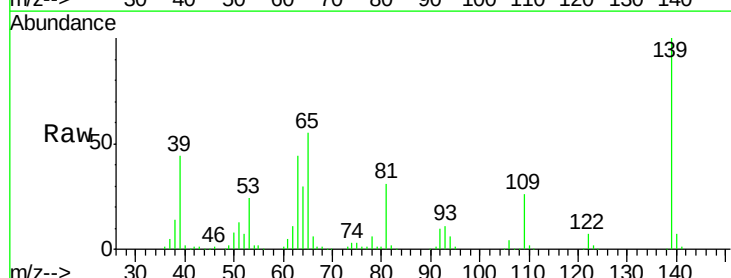
Tgt Ion: 139 Resp: 314948

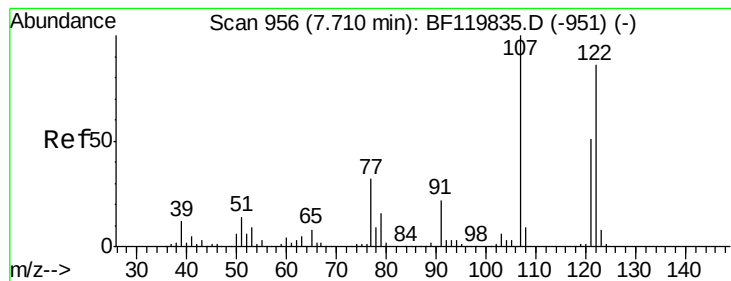
Ion Ratio Lower Upper

139 100

109 26.4 21.8 32.6

65 55.2 47.0 70.4





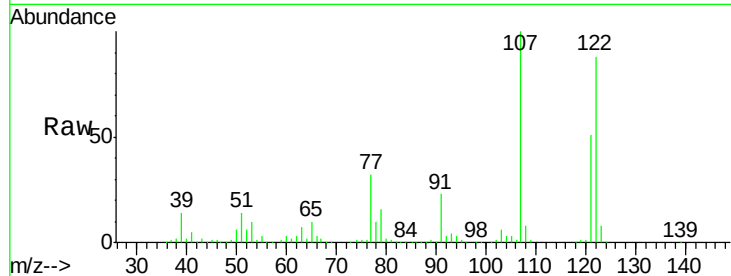
#27
 2,4-Dimethylphenol
 Concen: 39.763 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

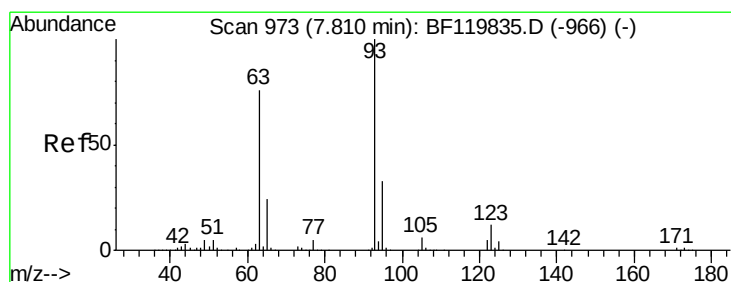
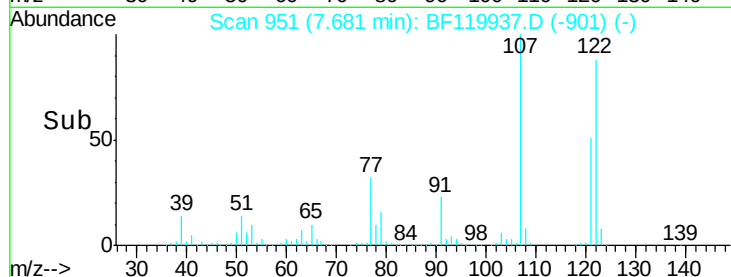
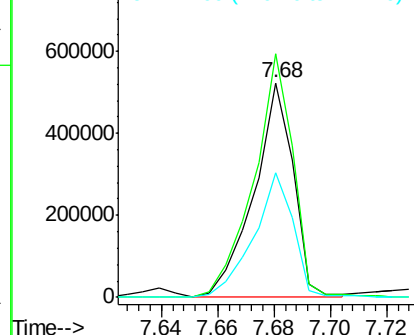
Tot Ion	Ratio	Resp	Lower	Upper
122	100	506245		
107	113.4	92.3	138.5	
121	58.1	46.6	70.0	

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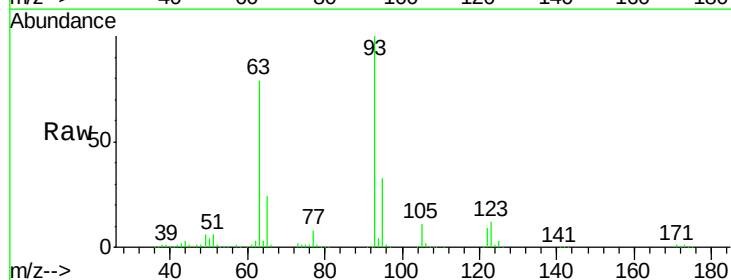


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

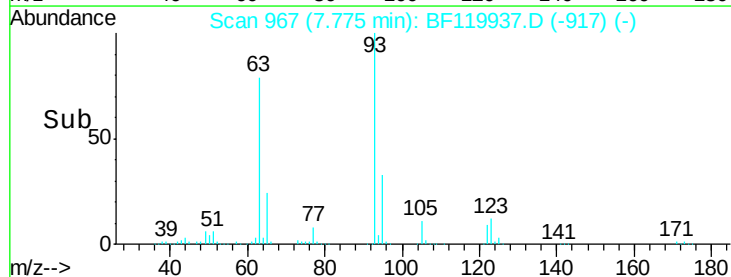
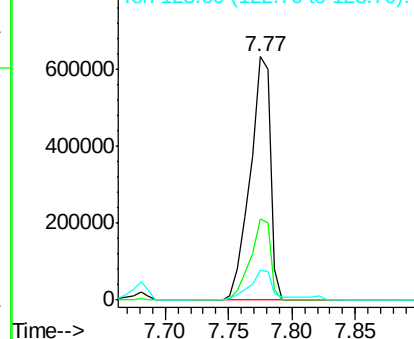


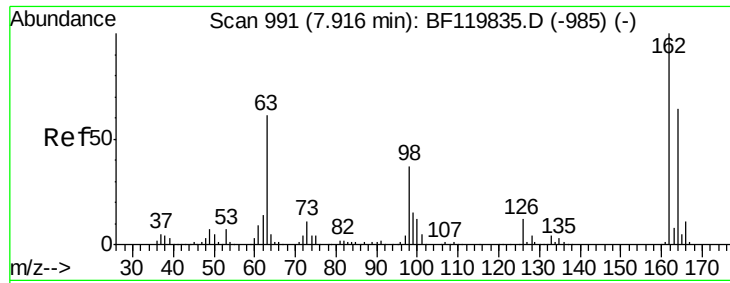
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.186 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	708502		
95	33.2	26.4	39.6	
123	12.0	9.7	14.5	



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





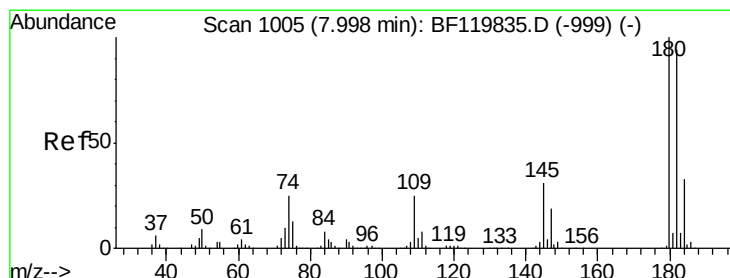
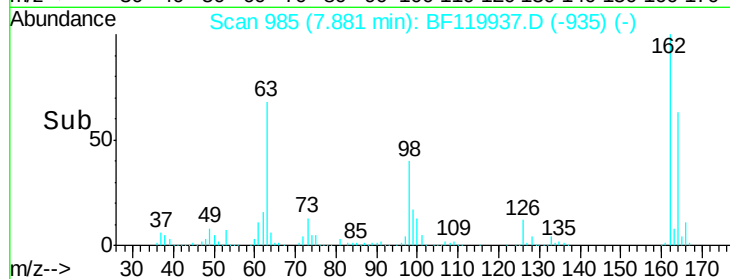
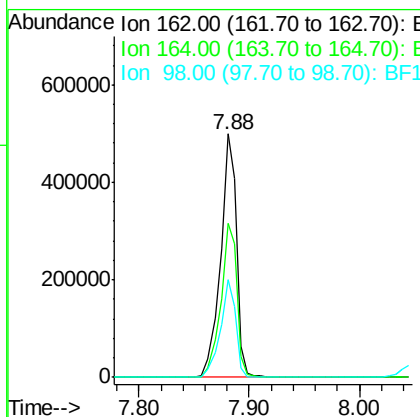
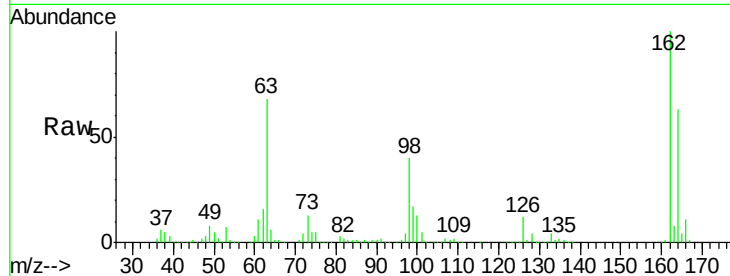
#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	499630		
164	63.5	44.4	84.4	
98	40.3	17.3	57.3	

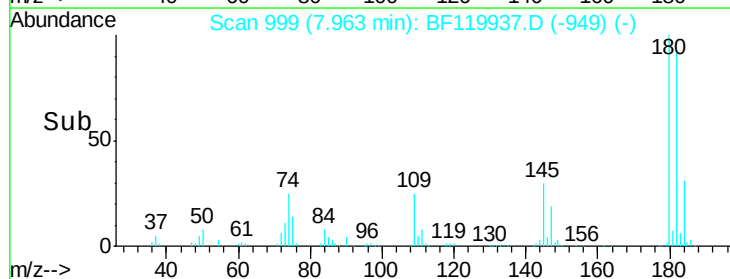
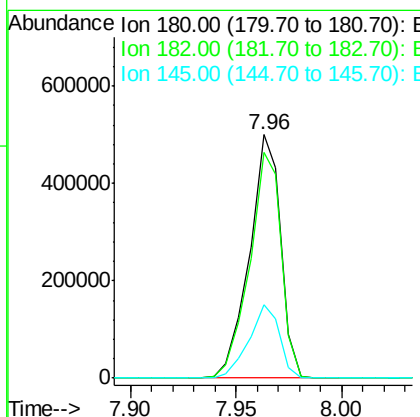
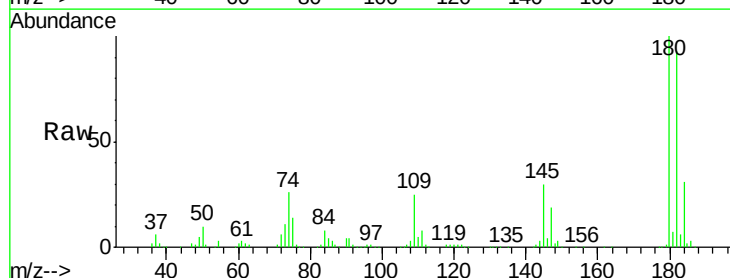
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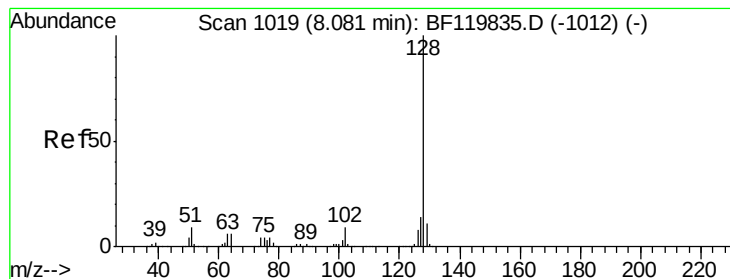
mohammad
4/14/2020 3:38:14 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.687 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	512904		
182	92.7	75.4	113.0	
145	30.1	24.6	37.0	





#31

Naphthalene

Concen: 35.872 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion:128 Resp: 1639994

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

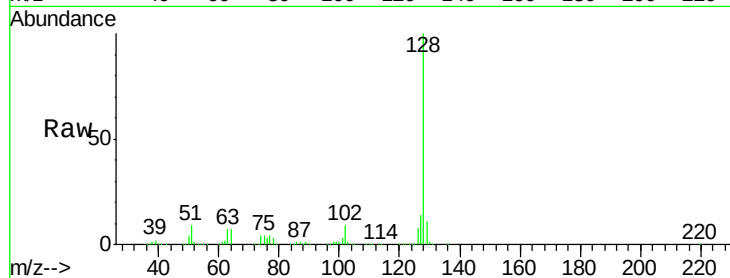
127 14.1 11.0 16.4

Manual Integrations

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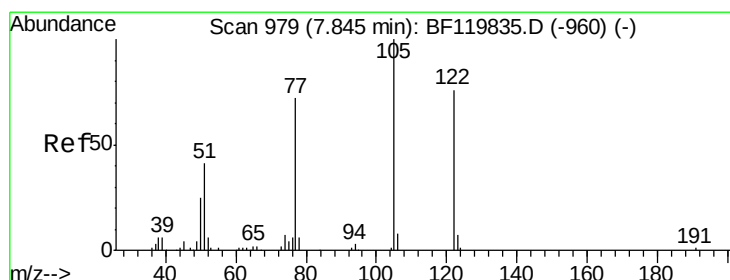
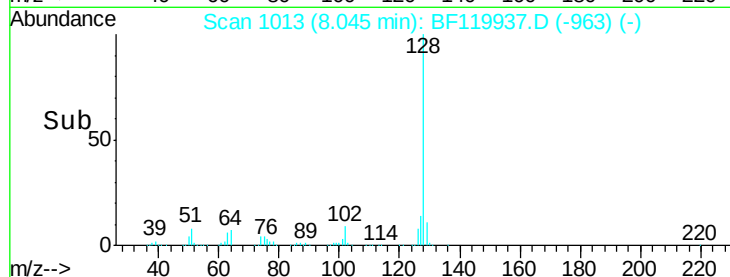
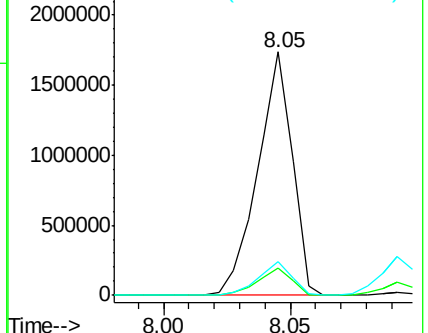
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.027 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

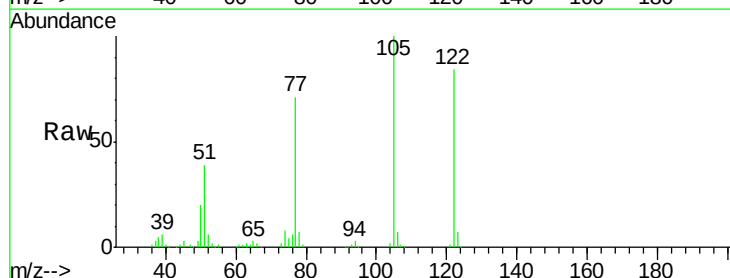
Tgt Ion:122 Resp: 402830

Ion Ratio Lower Upper

122 100

105 119.3 106.7 146.7

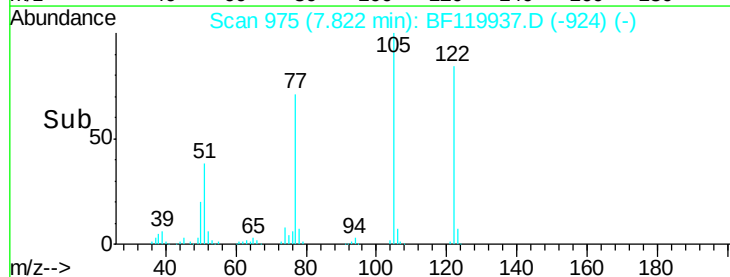
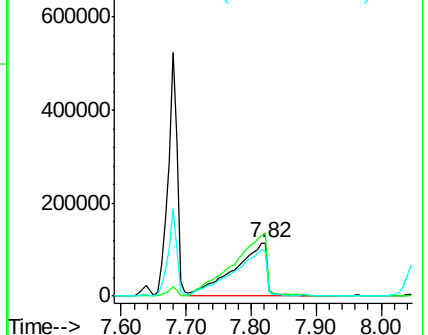
77 84.9 72.1 112.1

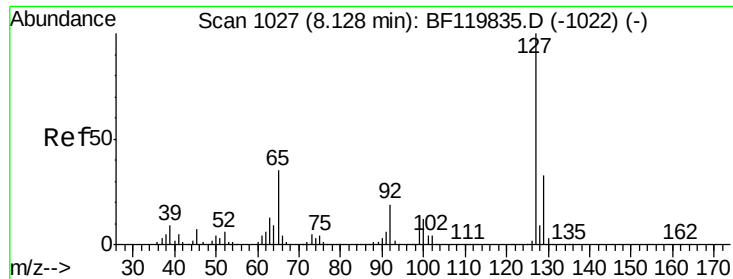


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





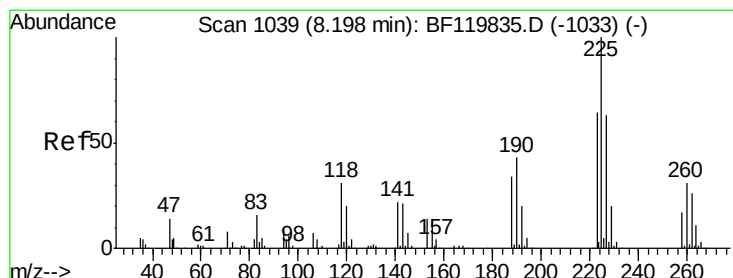
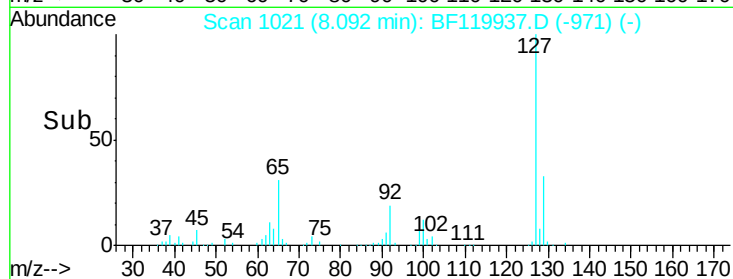
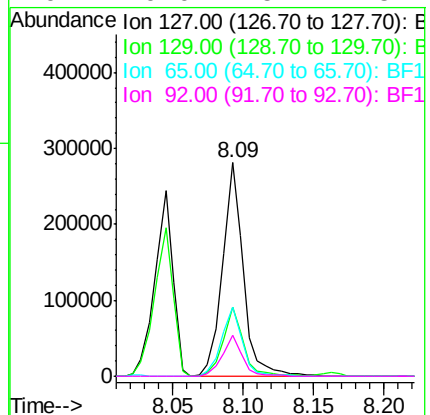
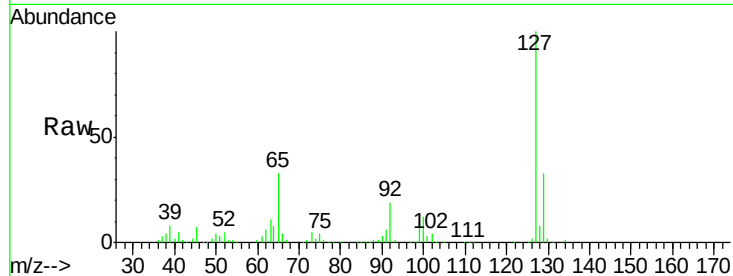
#33
4-Chloroaniline
Concen: 14.420 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		286997		
129	32.6	26.2	39.2		
65	32.5	28.3	42.5		
92	19.0	15.4	23.2		

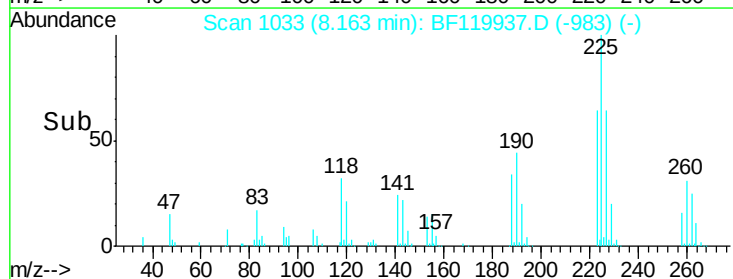
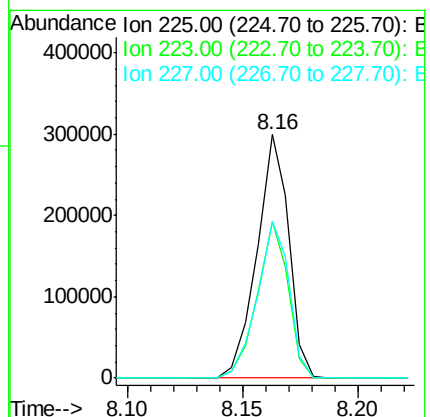
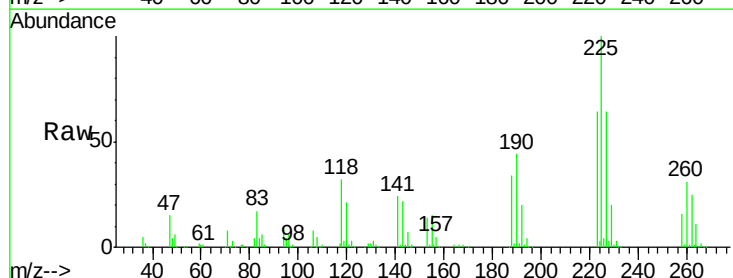
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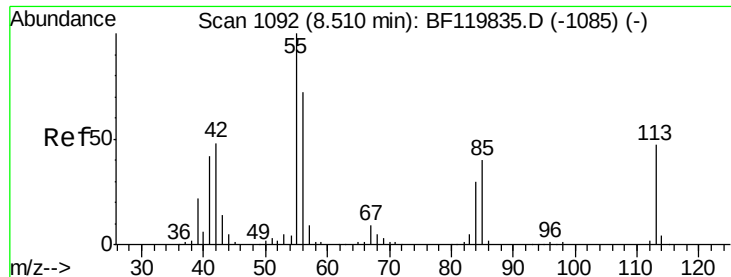
mohammad
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#34
Hexachlorobutadiene
Concen: 32.482 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		287516		
223	64.2	51.0	76.6		
227	64.1	50.4	75.6		





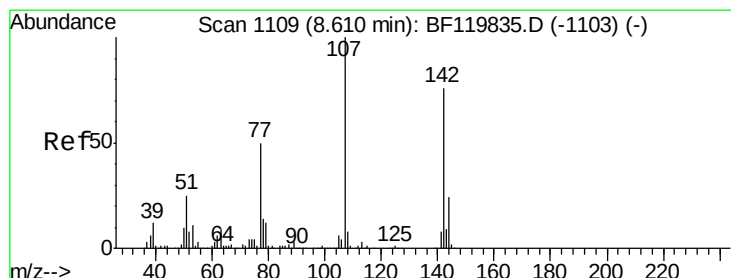
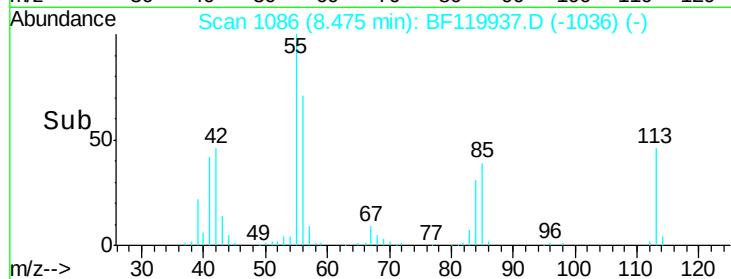
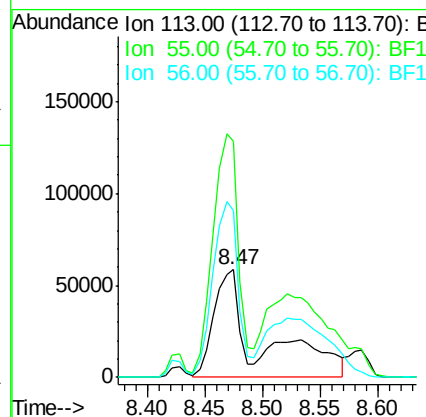
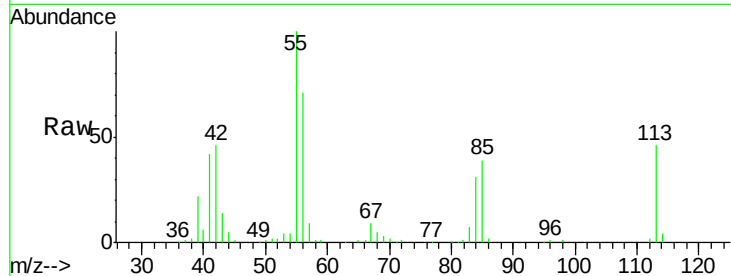
#35
 Caprolactam
 Concen: 40.898 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.7	192.7	232.7
56	154.9	133.3	173.3

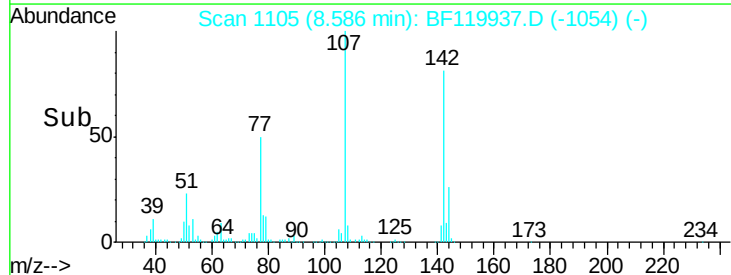
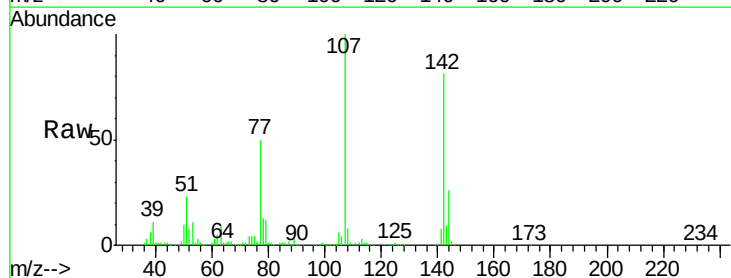
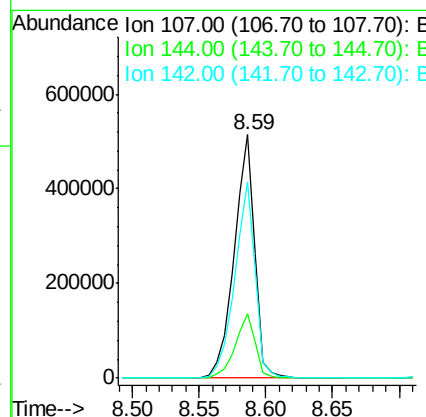
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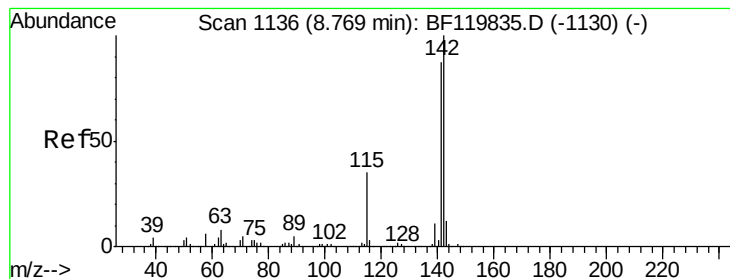
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.598 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.5	29.3
142	80.9	60.5	90.7





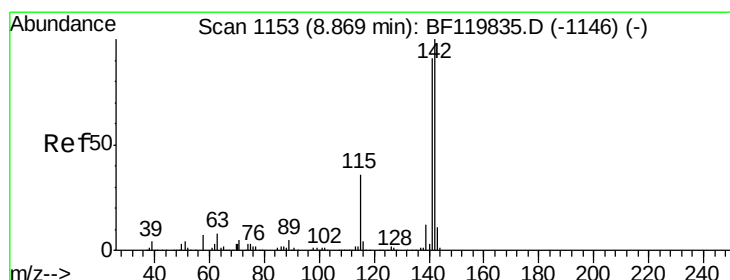
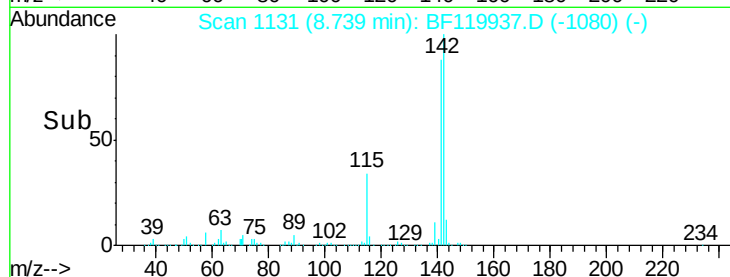
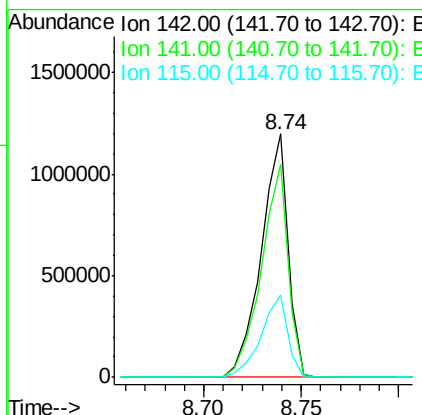
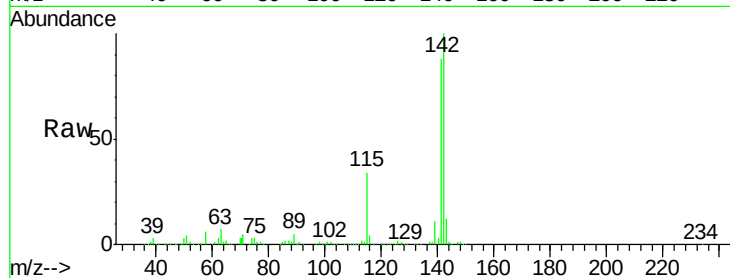
#37
2-Methylnaphthalene
Concen: 36.782 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion:142 Resp: 1140076
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9
115 33.7 28.0 42.0

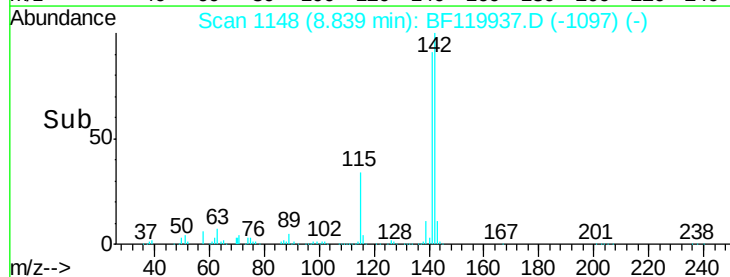
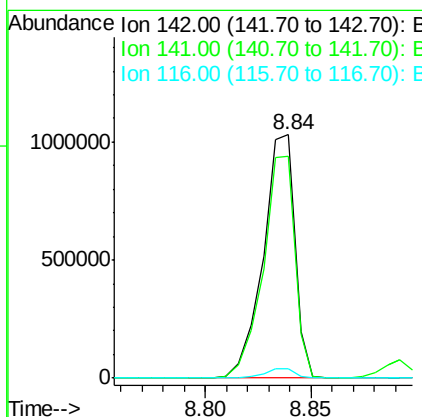
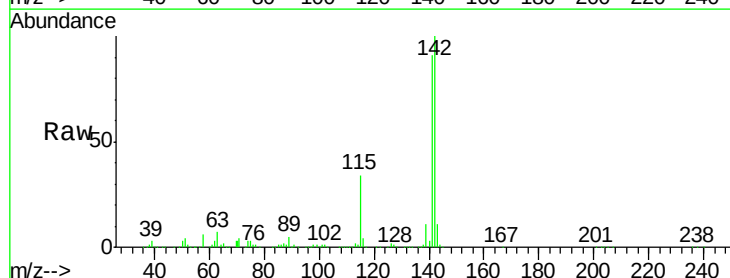
Manual Integrations
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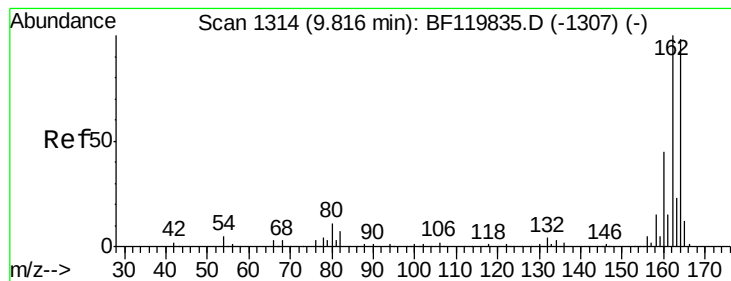
mohammad
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#38
1-Methylnaphthalene
Concen: 36.953 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:142 Resp: 1079563
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion:164 Resp: 467036

Ion Ratio Lower Upper

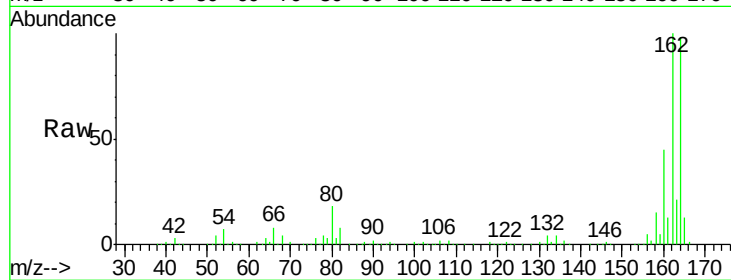
164 100

162 101.7 81.9 122.9

160 45.4 36.6 54.8

Manual Integrations
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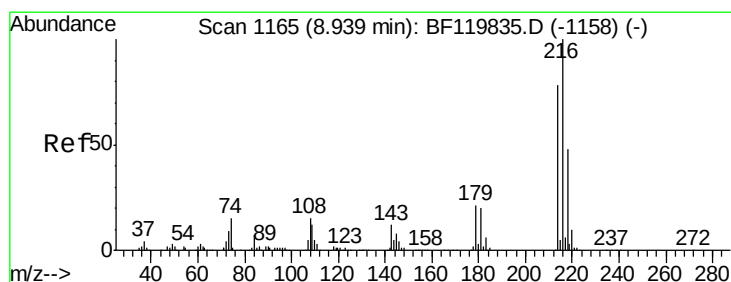
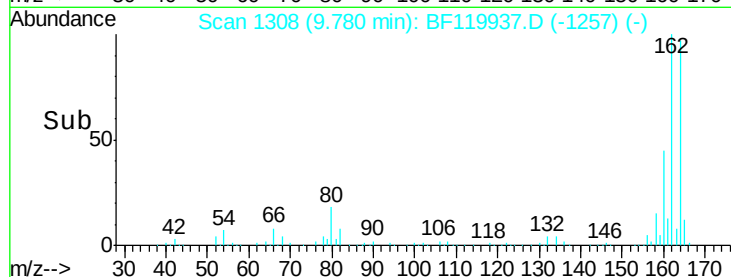
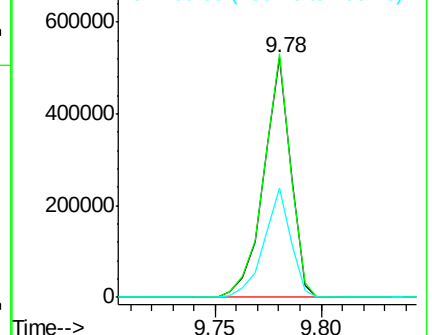
mohammad
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.610 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:216 Resp: 495782

Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 21.1 17.0 25.4

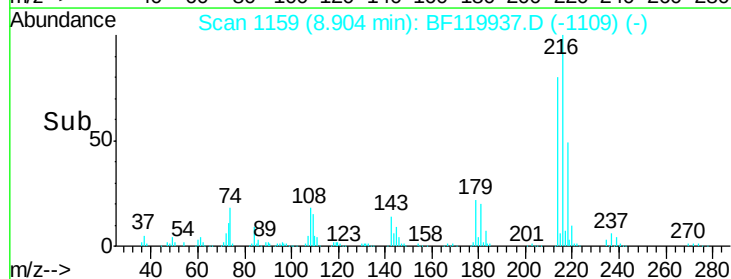
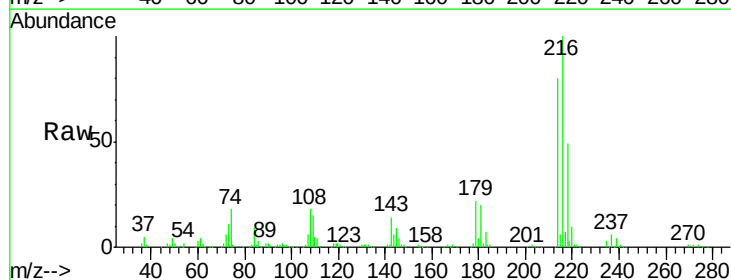
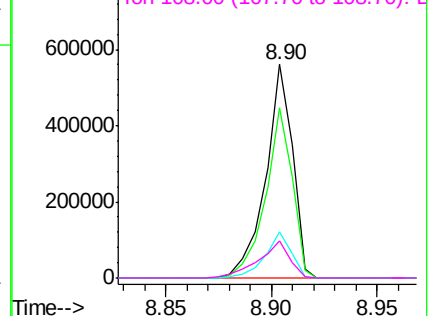
108 20.2 14.8 22.2

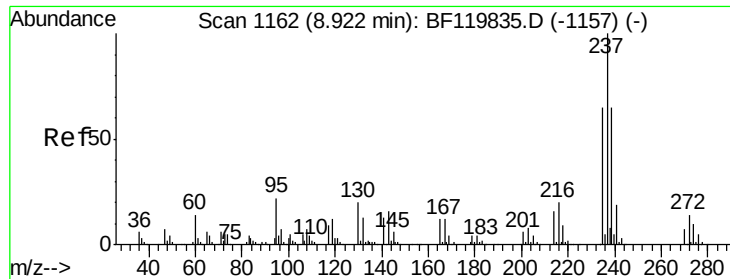
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





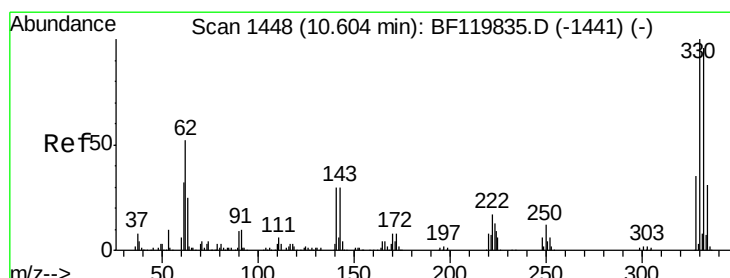
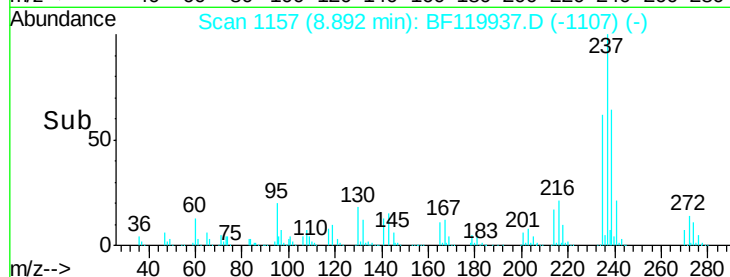
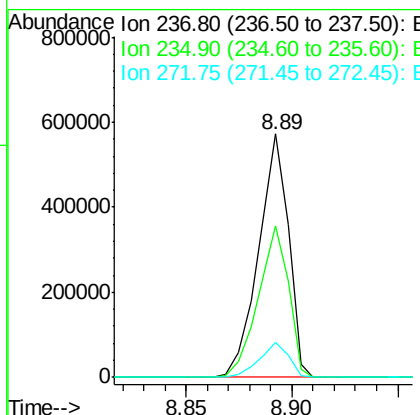
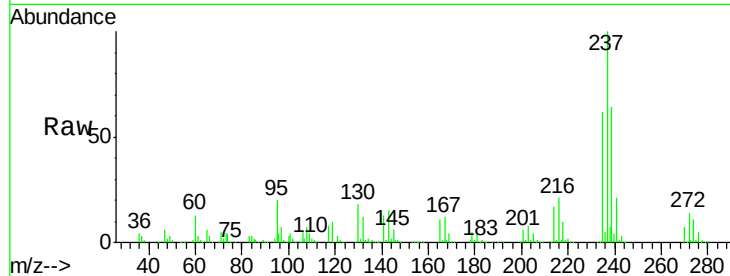
#41
Hexachlorocyclopentadiene
Concen: 67.182 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.4	44.9	84.9
272	14.4	0.0	33.6

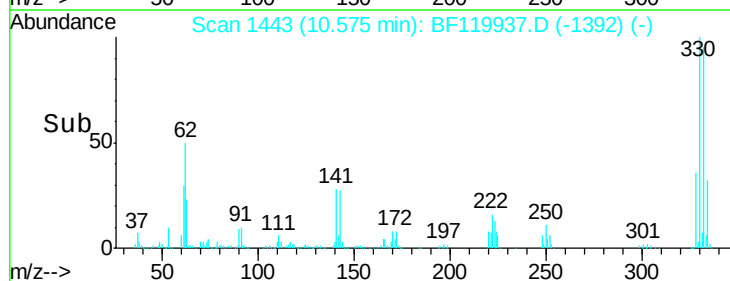
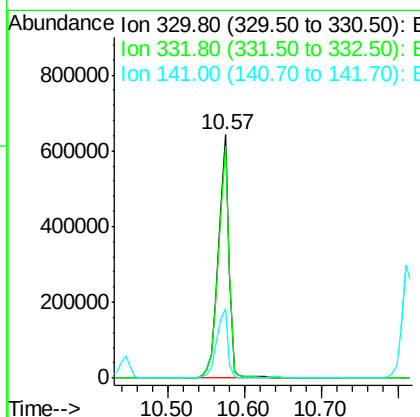
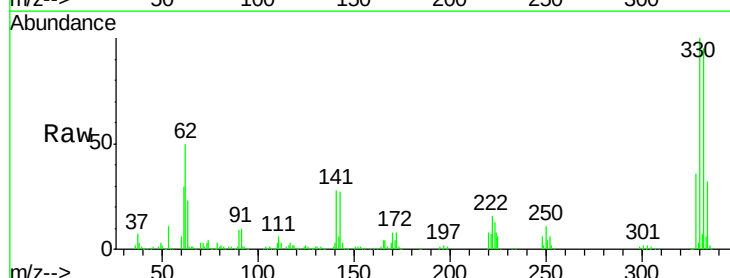
Manual Integrations
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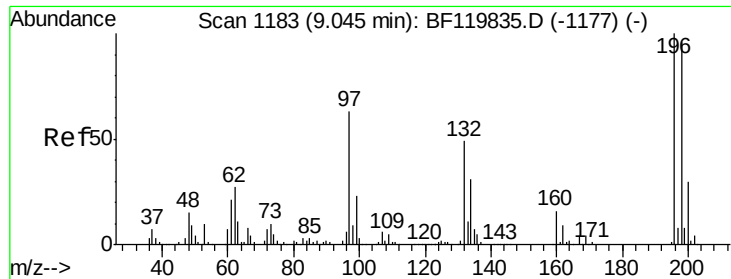
mohammad
4/14/2020 3:38:14 PM



#42
2,4,6-Tribromophenol
Concen: 105.768 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	76.8	115.2
141	29.5	25.1	37.7





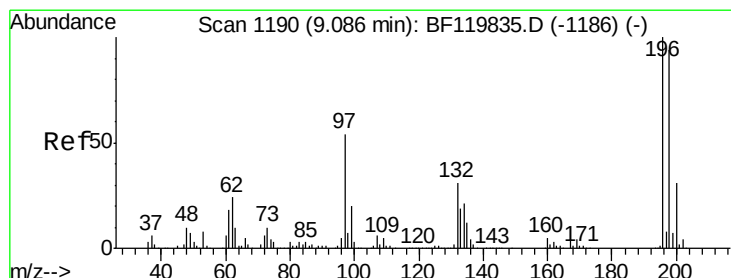
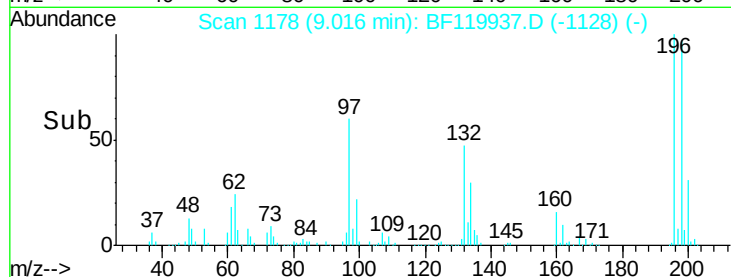
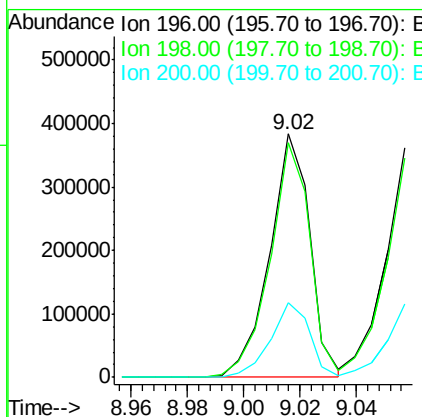
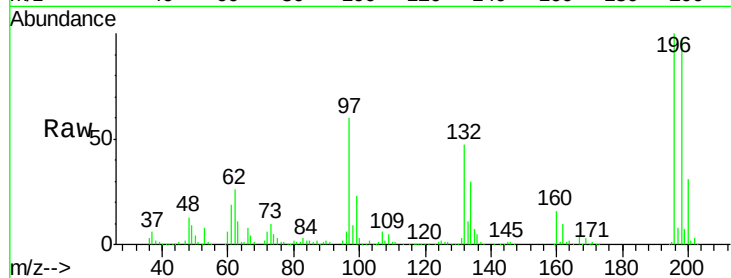
#43
 2,4,6-Trichlorophenol
 Concen: 37.131 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion:	196	Resp:	378226
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.6	115.0
200	30.5	24.2	36.2

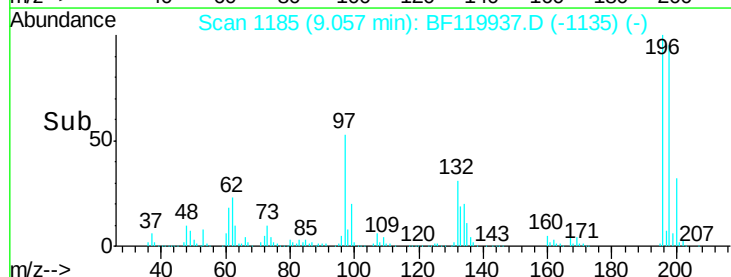
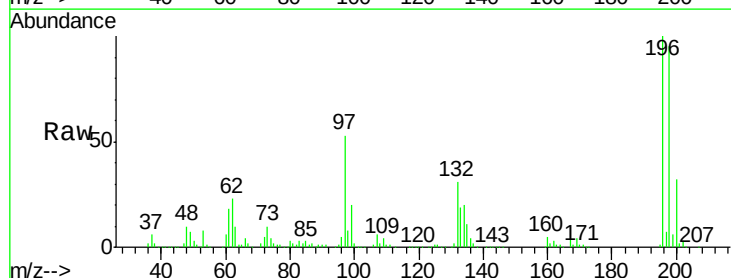
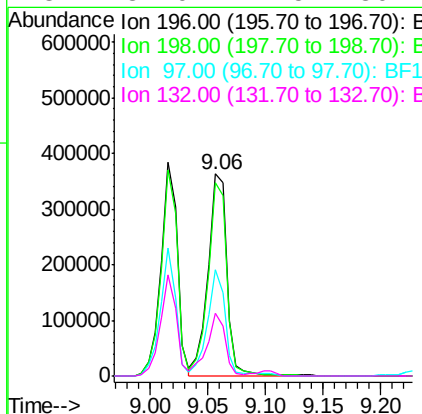
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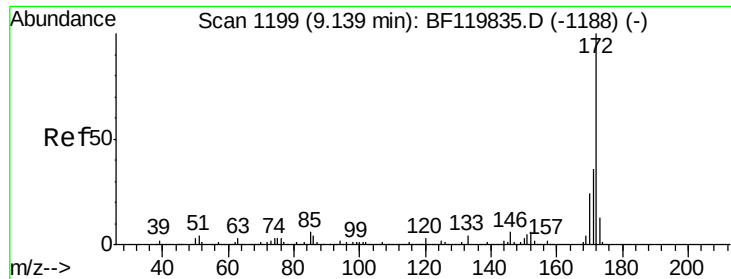
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.114 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:	196	Resp:	414325
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.1	112.7
97	52.9	43.4	65.2
132	31.0	24.5	36.7





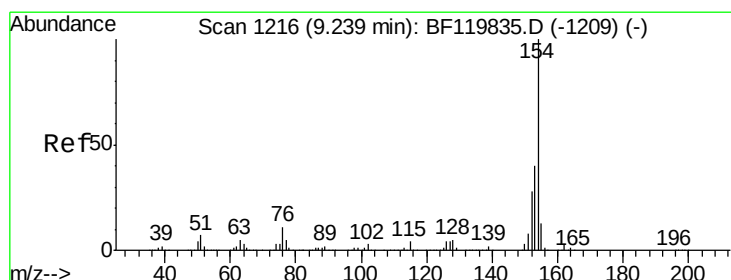
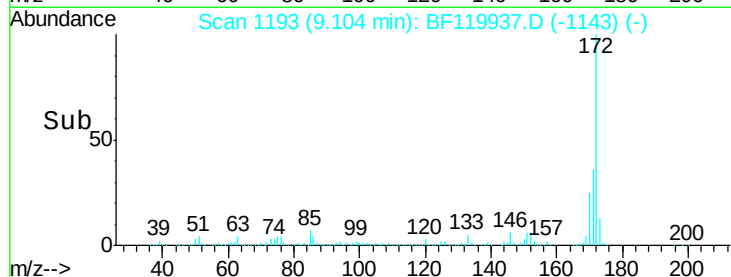
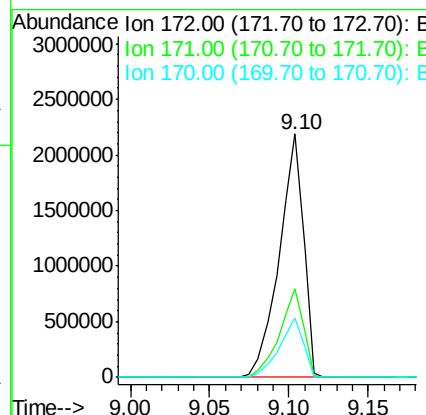
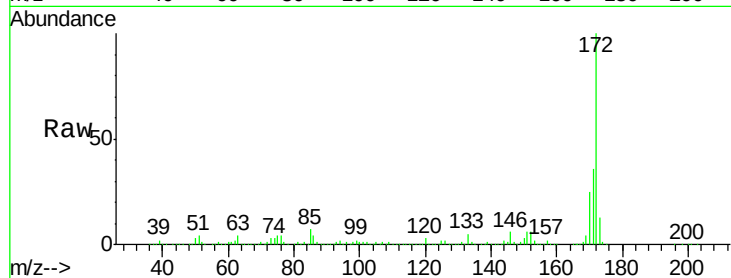
#45
2-Fluorobiphenyl
Concen: 70.667 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2

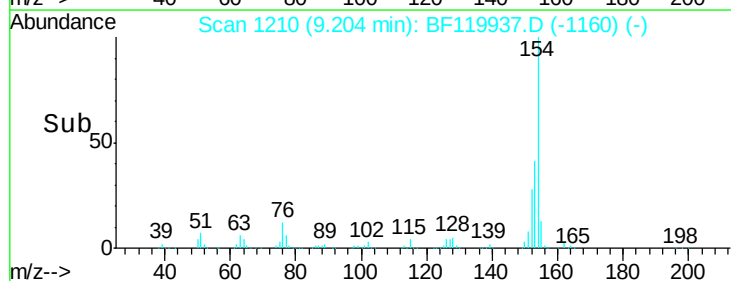
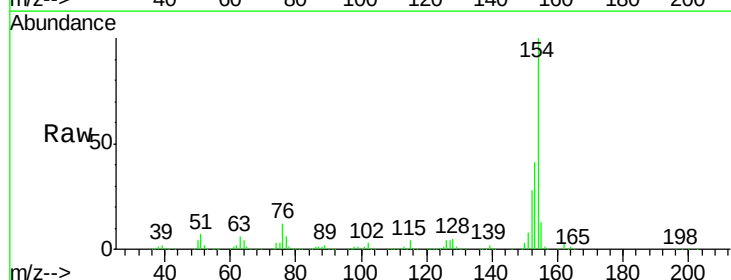
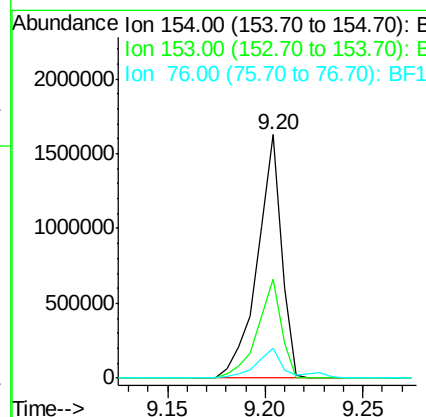
Manual Integrations
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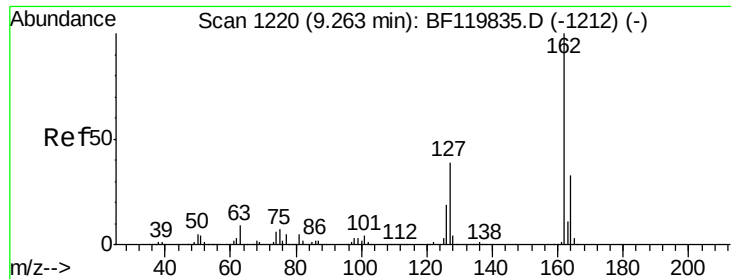
mohammad
4/14/2020 3:38:14 PM



#46
1,1'-Biphenyl
Concen: 35.347 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.2	0.0	30.6





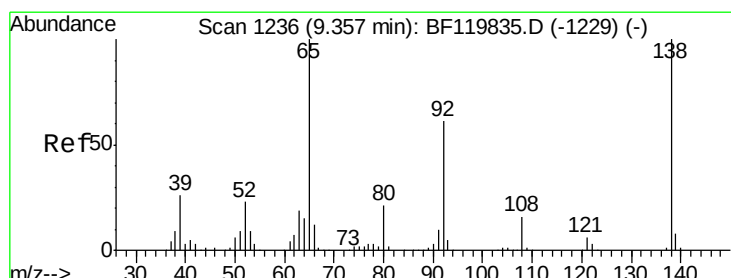
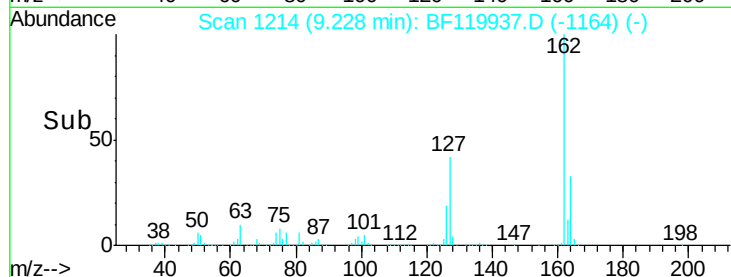
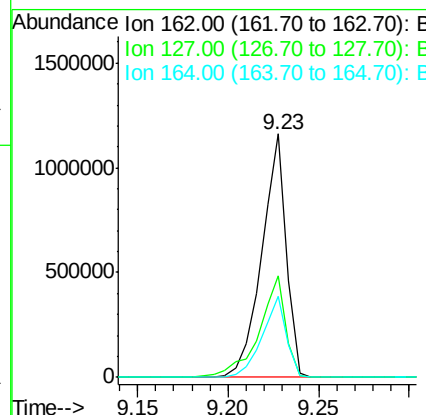
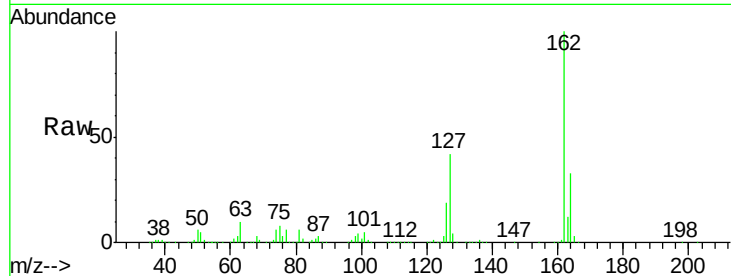
#47
 2-Chloronaphthalene
 Concen: 35.806 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.2	46.8
164	33.1	26.3	39.5

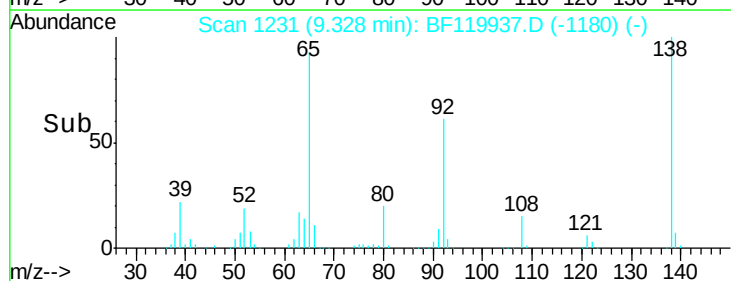
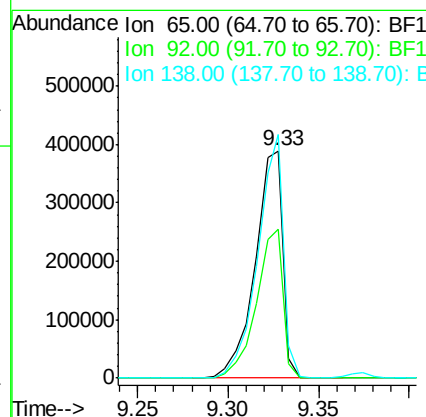
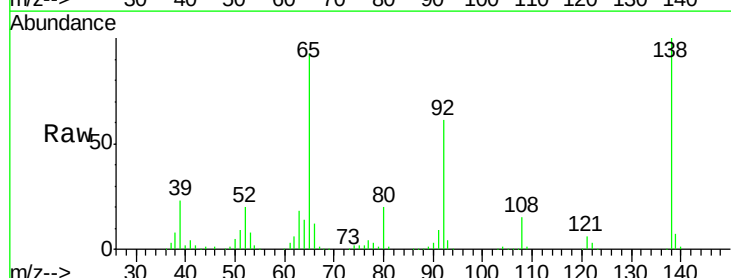
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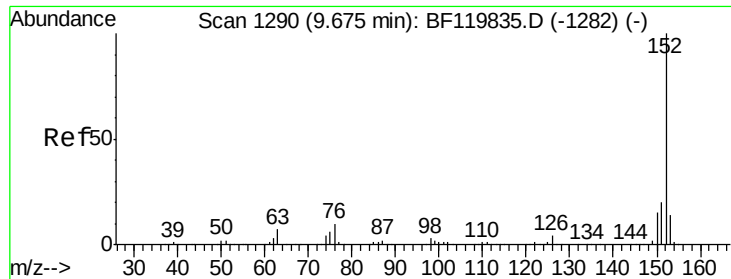
mohammad
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#48
 2-Nitroaniline
 Concen: 37.521 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	49.0	73.6
138	107.0	79.7	119.5





#49

Acenaphthylene

Concen: 37.680 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion:152 Resp: 1740163

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

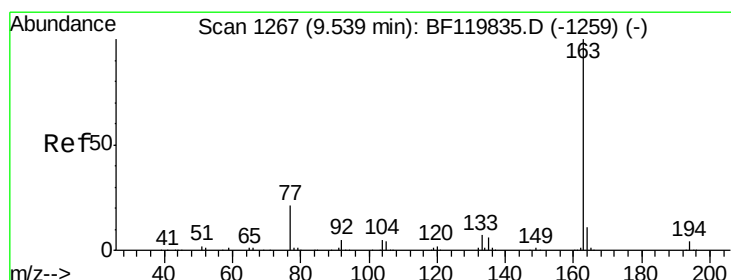
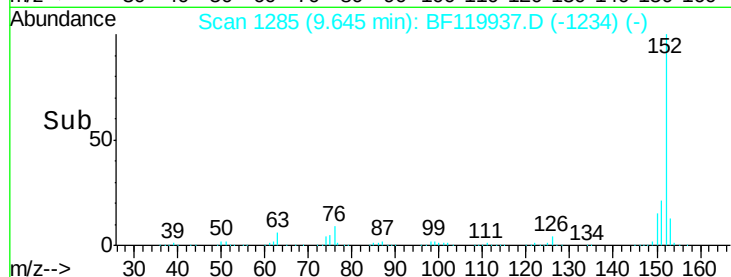
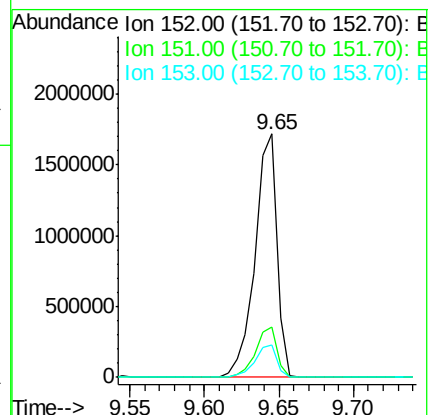
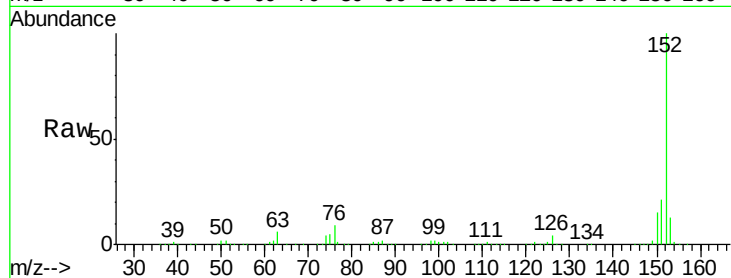
153 13.3 10.9 16.3

Manual Integrations

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#50

Dimethylphthalate

Concen: 37.018 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

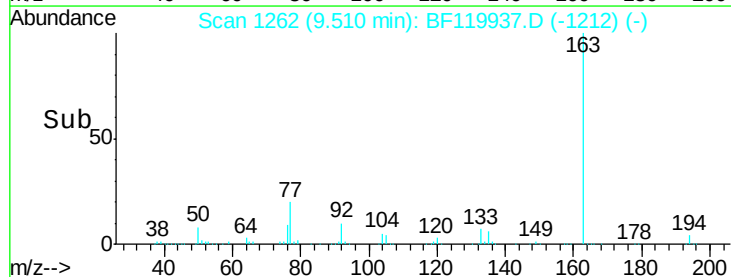
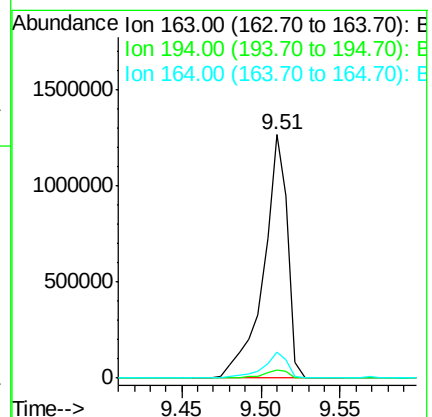
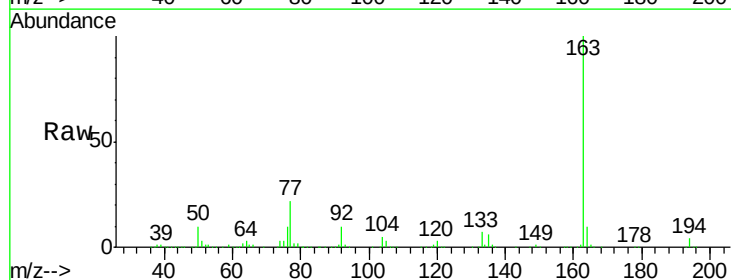
Tgt Ion:163 Resp: 1337242

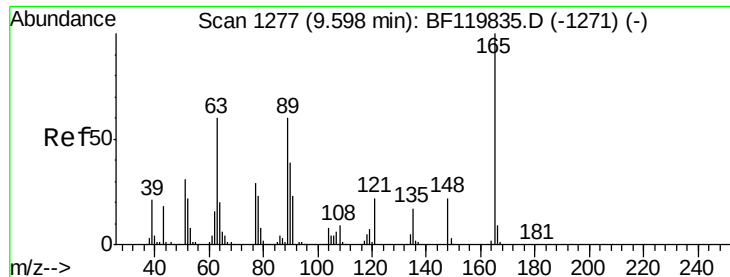
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.5 8.4 12.6





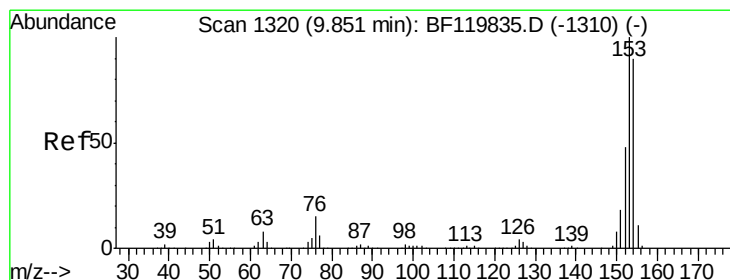
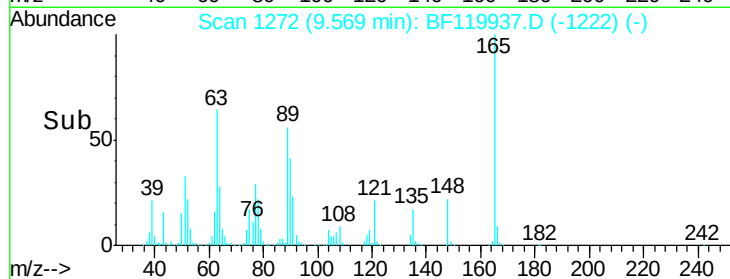
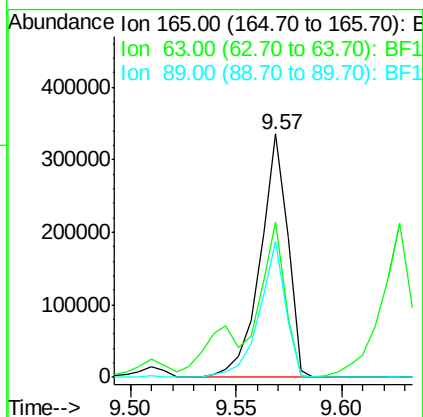
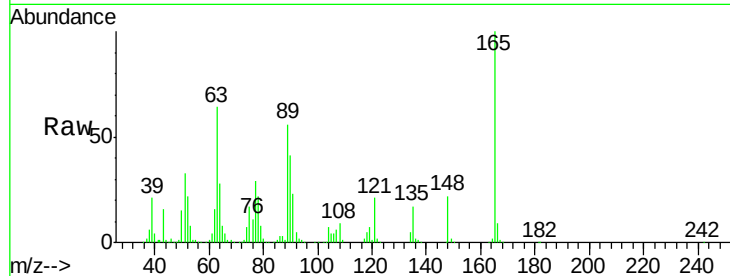
#51
 2,6-Dinitrotoluene
 Concen: 38.388 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	303672		
63	63.5	55.6	83.4	
89	56.0	47.9	71.9	

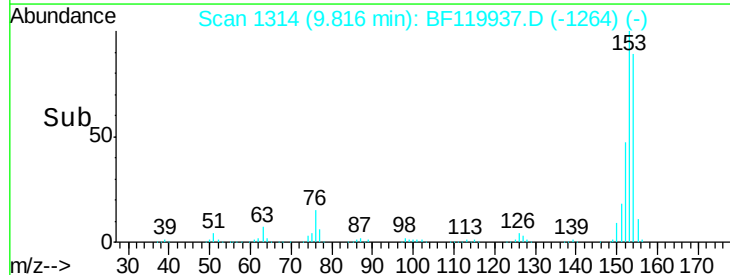
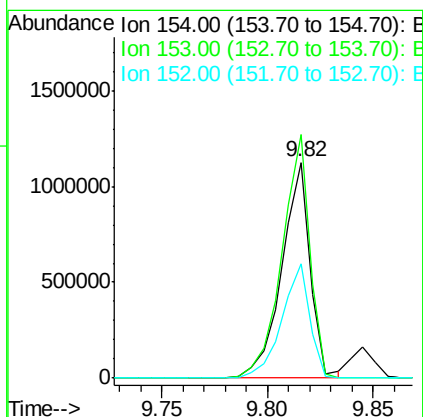
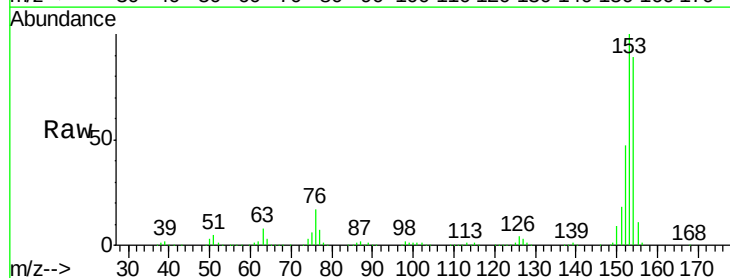
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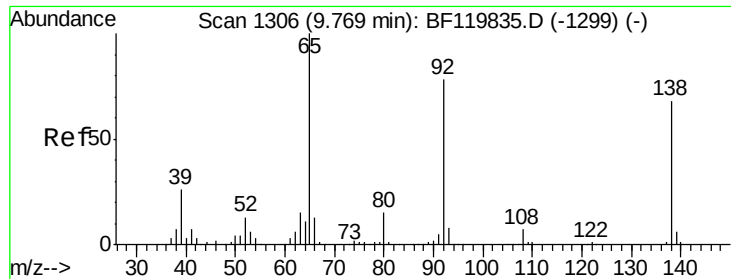
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#52
 Acenaphthene
 Concen: 34.402 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1059834		
153	112.7	88.8	133.2	
152	52.9	42.4	63.6	





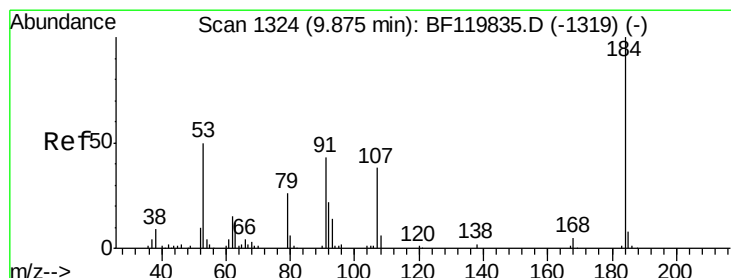
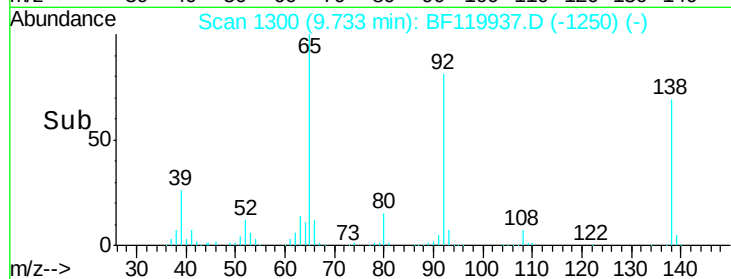
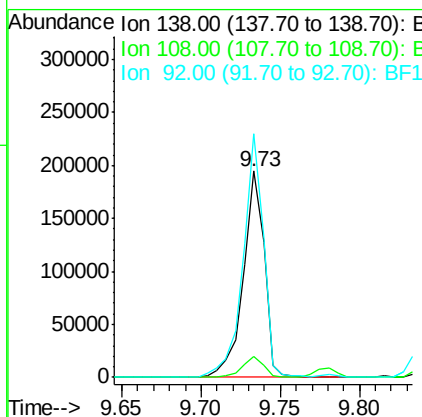
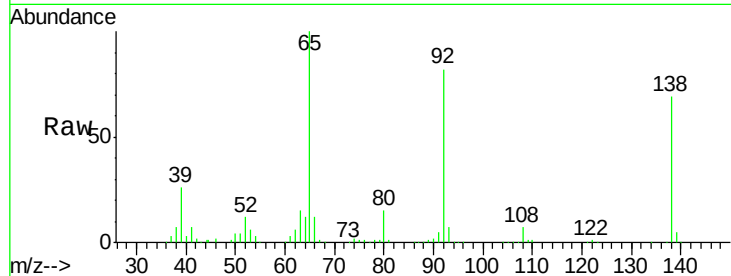
#53
 3-Nitroaniline
 Concen: 19.728 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.0	12.0
92	118.2	92.1	138.1

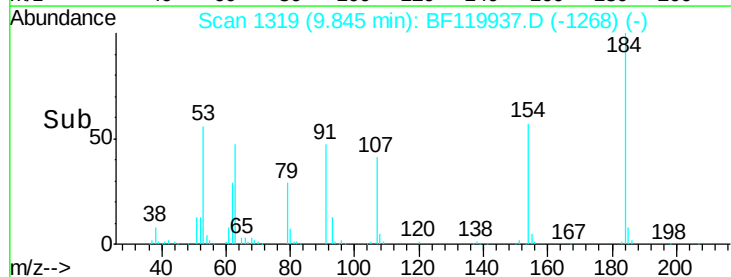
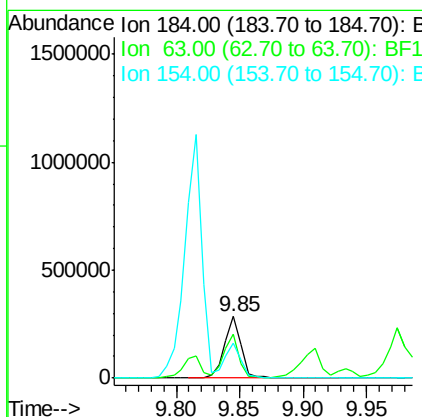
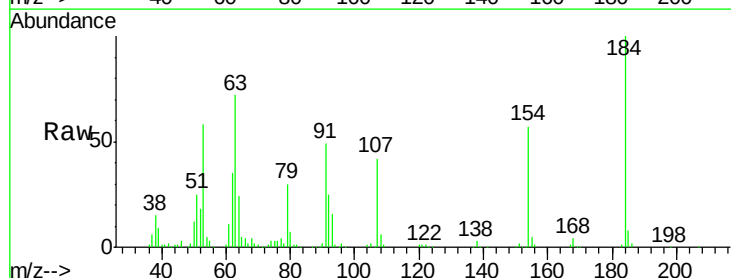
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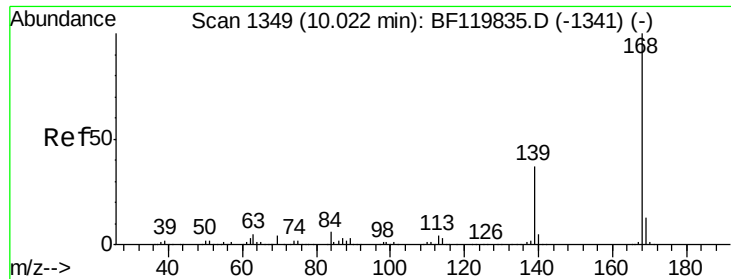
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#54
 2,4-Dinitrophenol
 Concen: 55.671 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	49.8	74.6
154	57.1	46.5	69.7





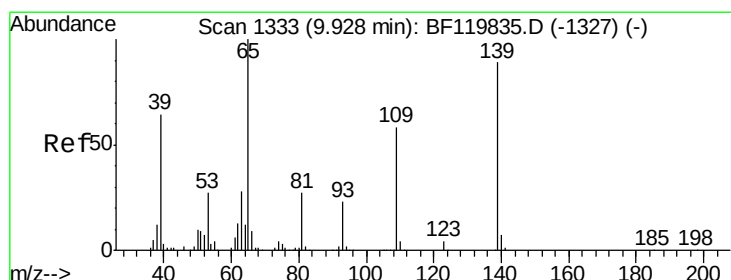
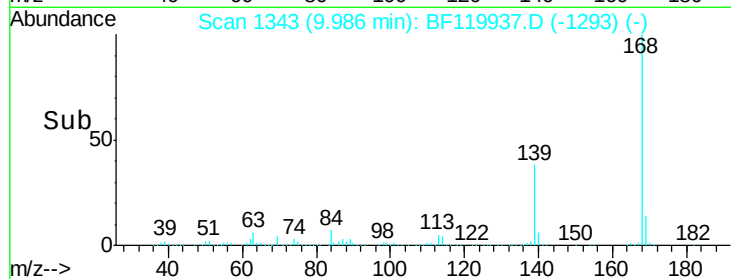
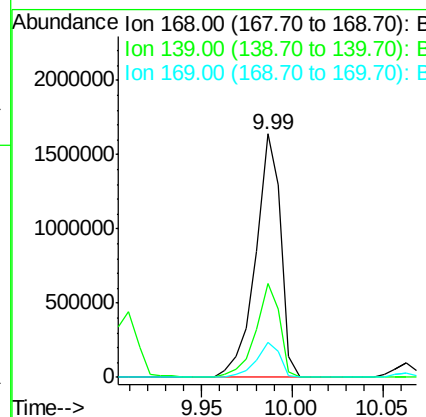
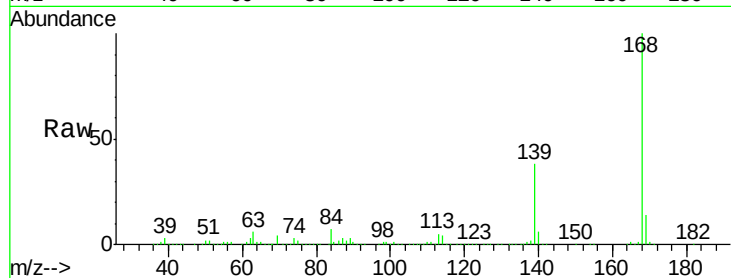
#55
Dibenzofuran
Concen: 37.135 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.8	44.6
169	14.1	10.6	15.8

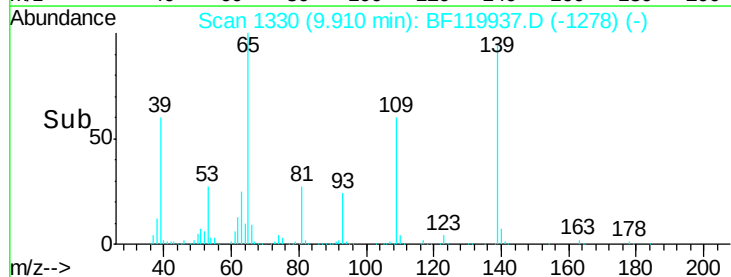
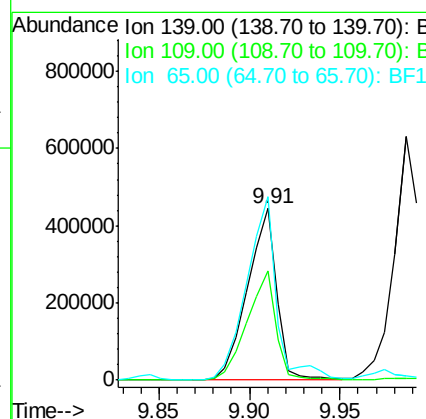
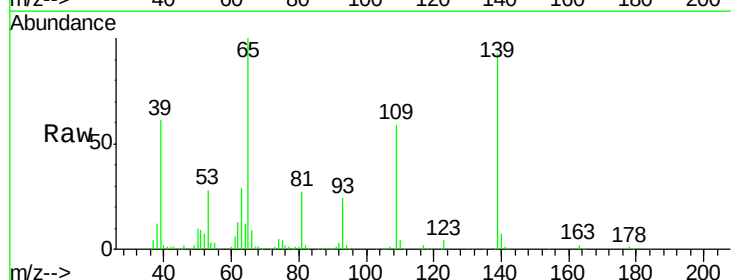
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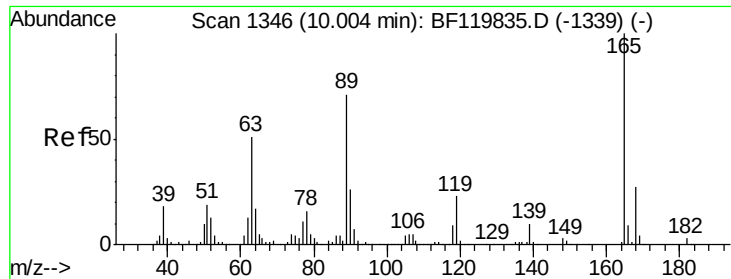
mohammad
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#56
4-Nitrophenol
Concen: 74.427 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.6	45.5	85.5
65	107.2	92.3	132.3





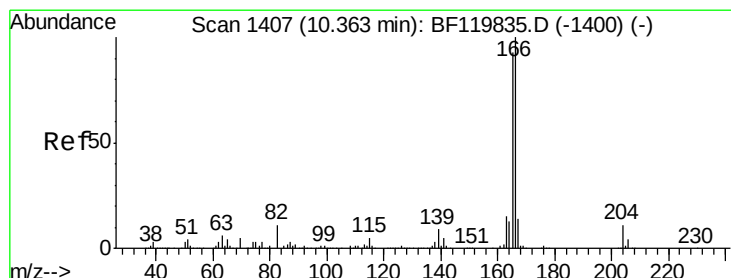
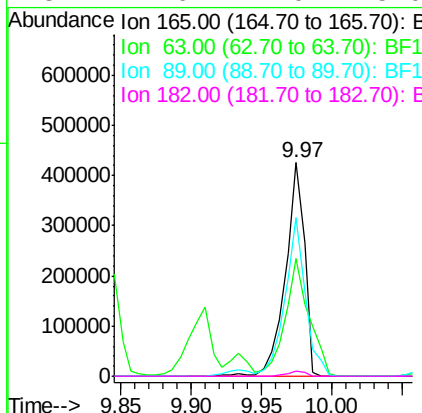
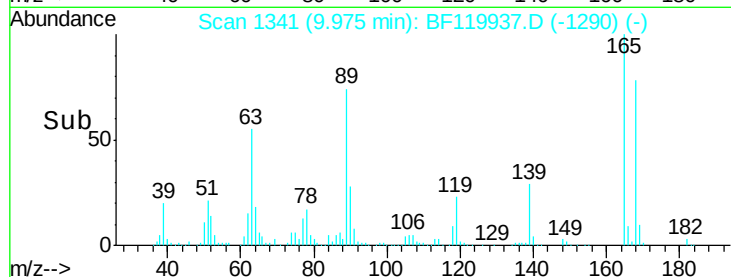
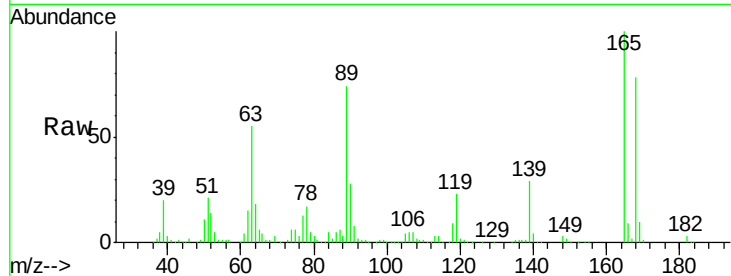
#57
2,4-Dinitrotoluene
Concen: 38.565 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		401942		
63	55.3	40.8	61.2		
89	74.3	56.9	85.3		
182	2.6	2.0	3.0		

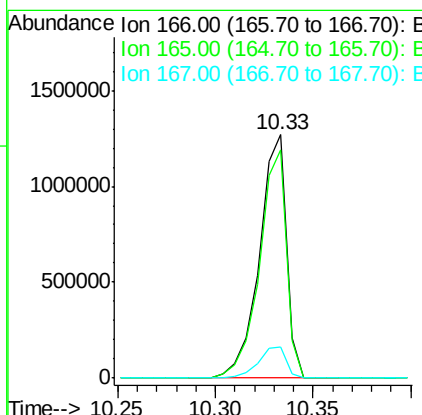
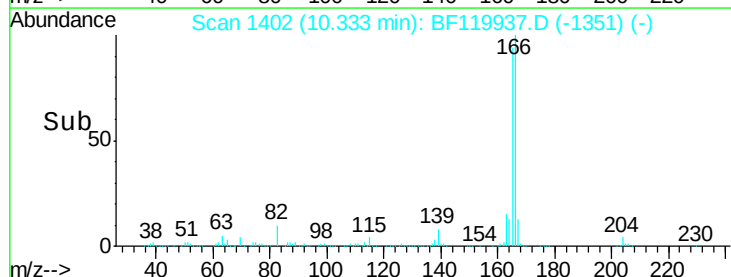
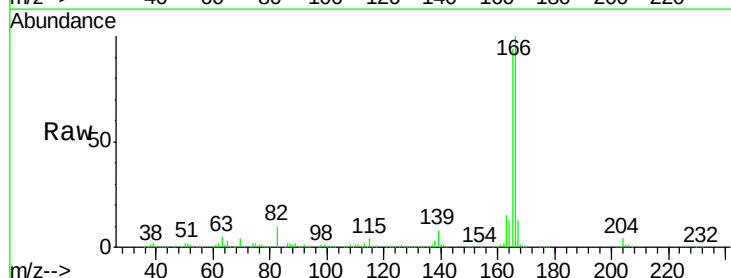
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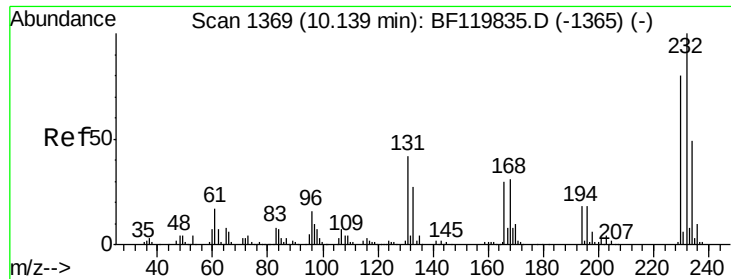
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#58
Fluorene
Concen: 36.198 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1223846		
165	93.9	74.2	111.2		
167	13.0	10.8	16.2		





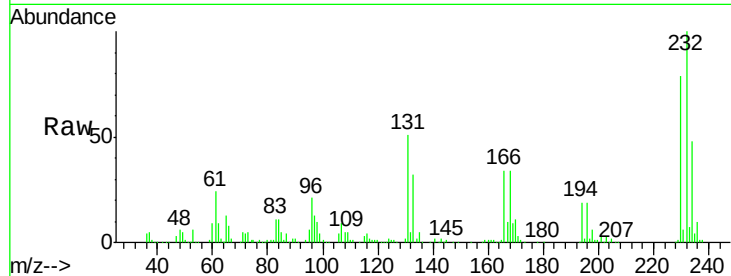
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.114 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

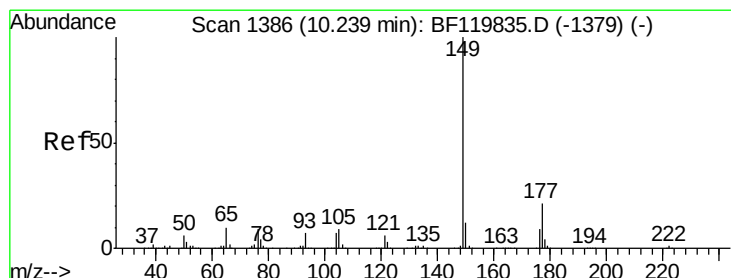
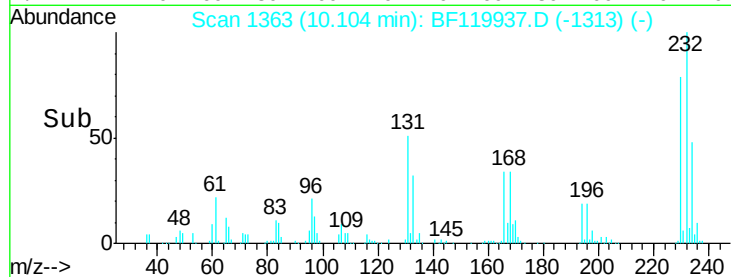
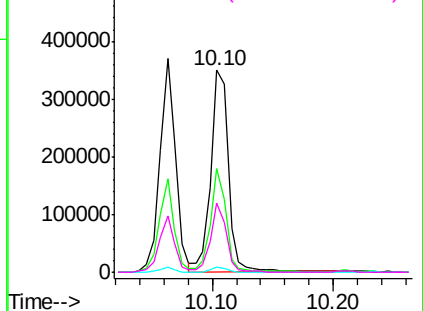
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.9	56.9
130	2.1	1.8	2.6
166	30.2	25.4	38.0

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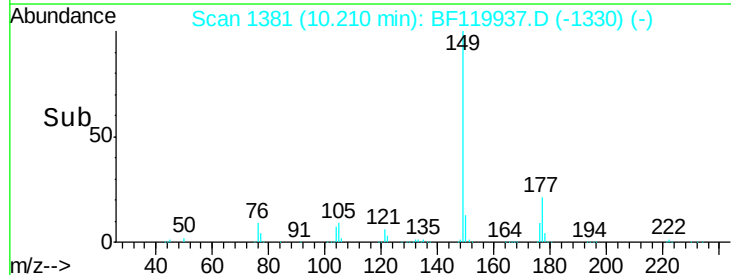
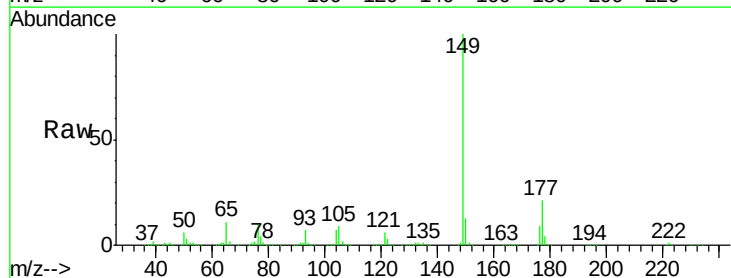
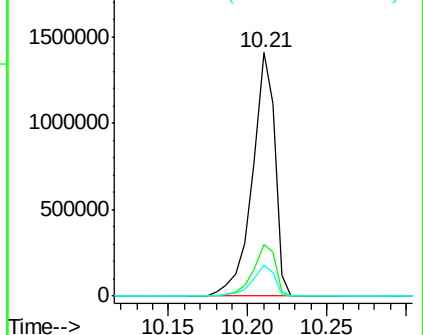
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

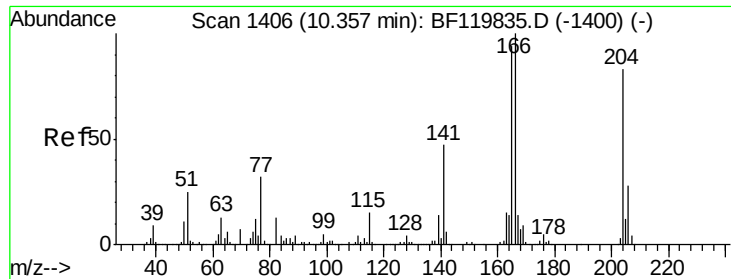


#60
 Diethylphthalate
 Concen: 36.987 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.8	25.2
150	12.7	9.8	14.6

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





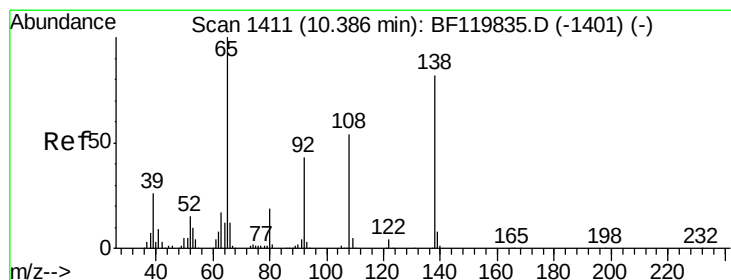
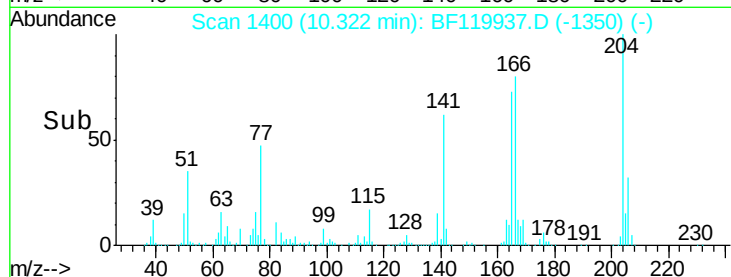
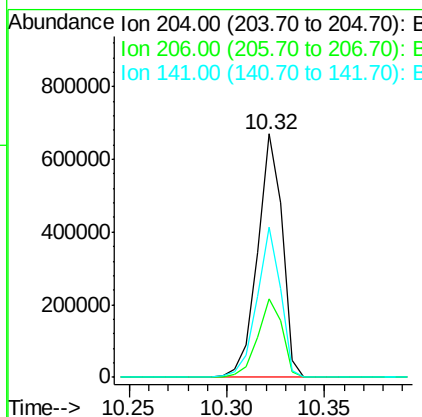
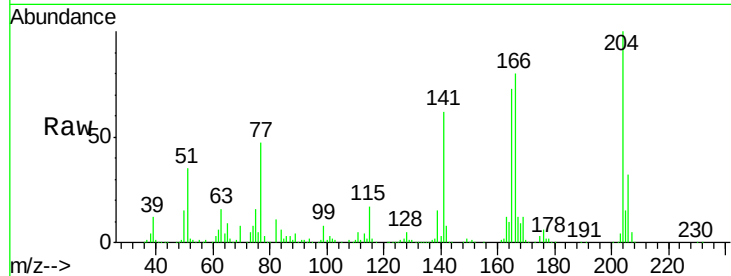
#61
 4-Chlorophenyl-phenylether
 Concen: 33.794 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion:	204	Resp:	585605
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.7	40.1
141	61.7	45.8	68.8

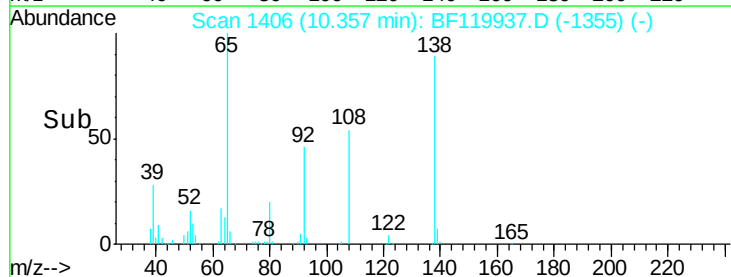
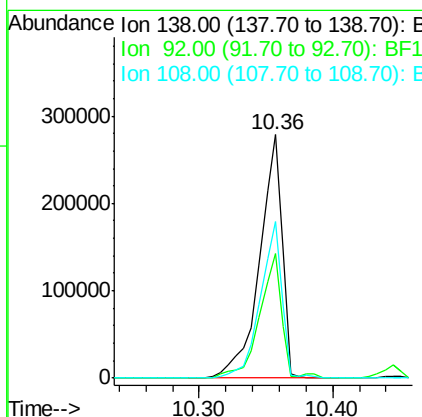
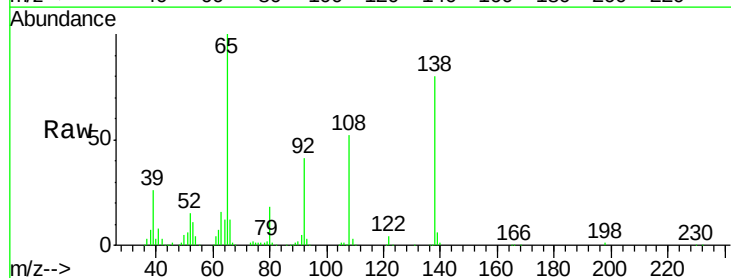
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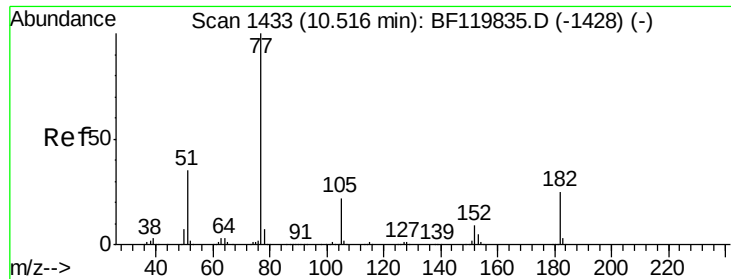
mohammad
 4/14/2020 3:38:14 PM



#62
 4-Nitroaniline
 Concen: 37.738 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:	138	Resp:	324935
Ion Ratio	Lower	Upper	
138	100		
92	51.4	31.6	71.6
108	64.2	45.2	85.2





#63

Azobenzene

Concen: 38.539 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion: 77 Resp: 1293118

Ion Ratio Lower Upper

77 100

182 26.0 4.5 44.5

105 23.5 2.2 42.2

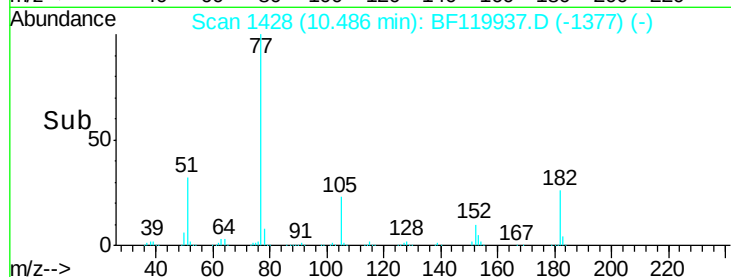
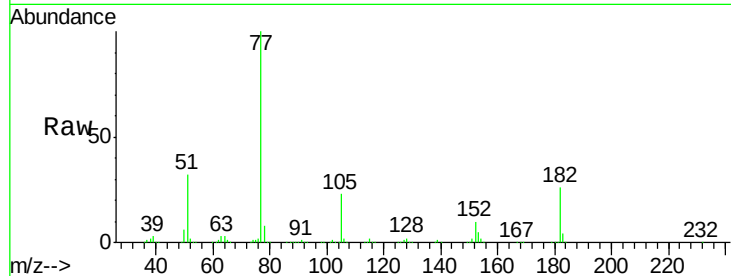
51 32.1 15.1 55.1

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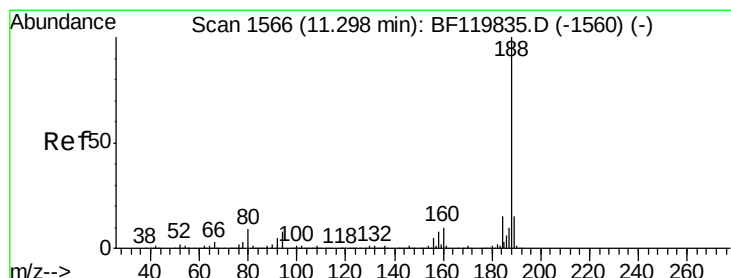
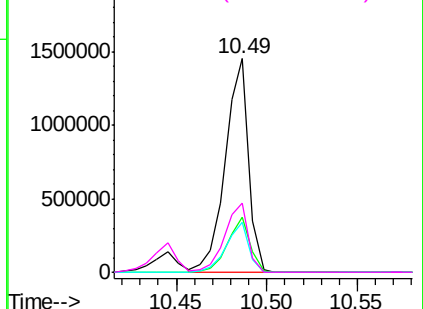


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

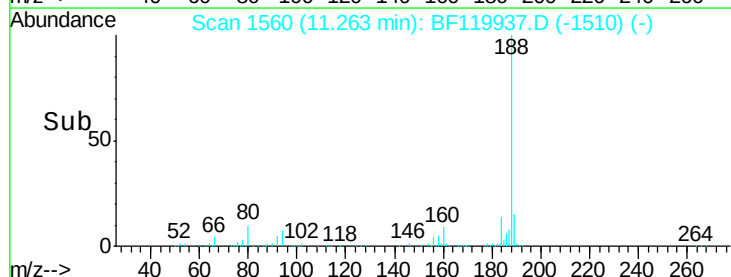
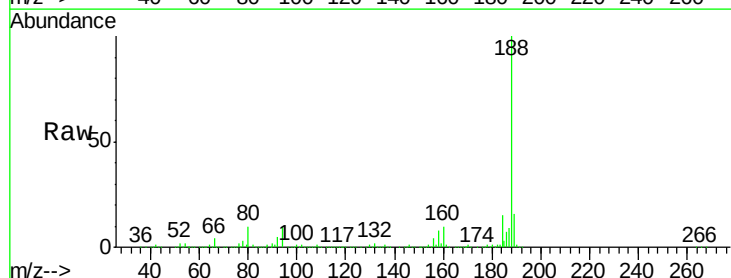
Tgt Ion: 188 Resp: 905011

Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

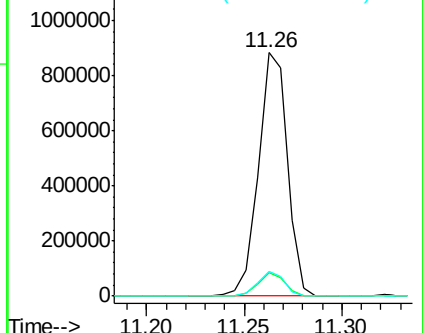
80 10.2 7.4 11.2

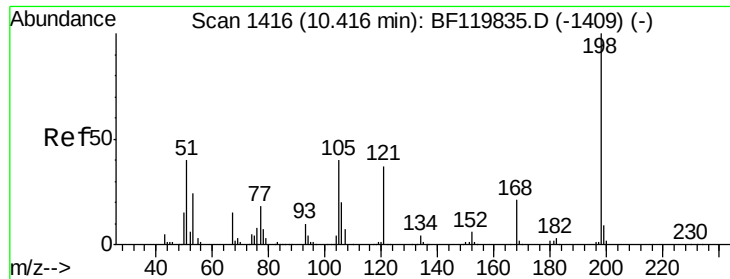


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





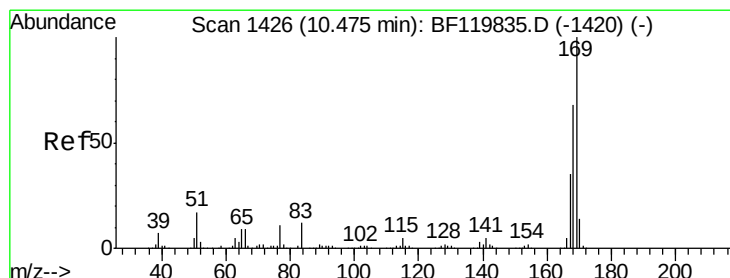
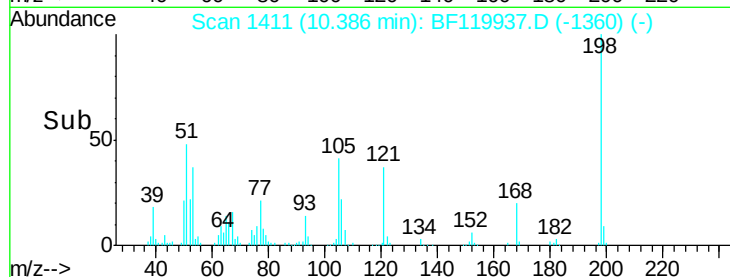
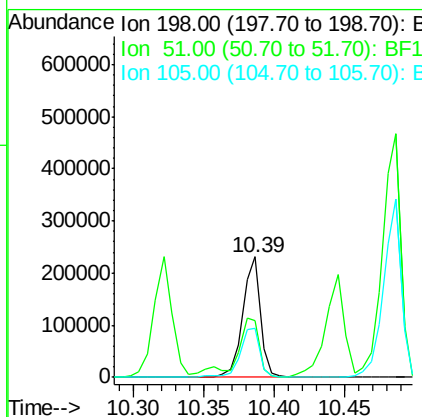
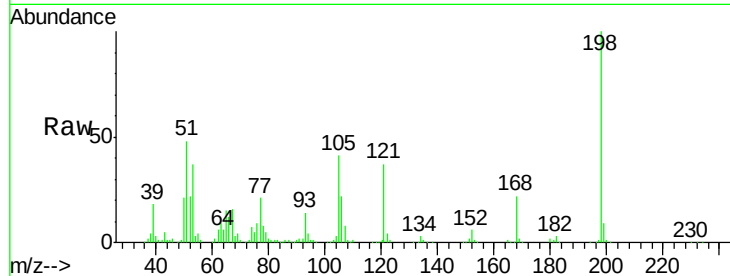
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.183 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.6	25.2	65.2
105	41.2	20.8	60.8

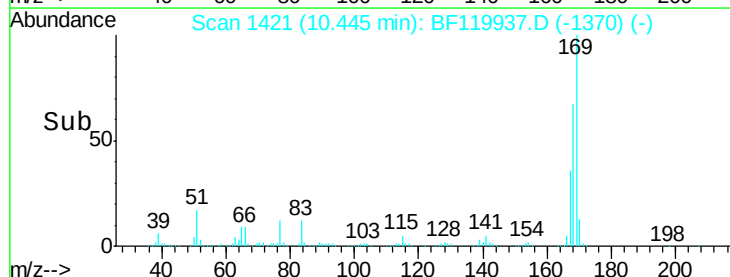
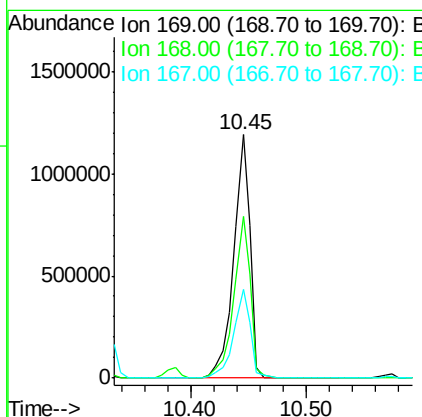
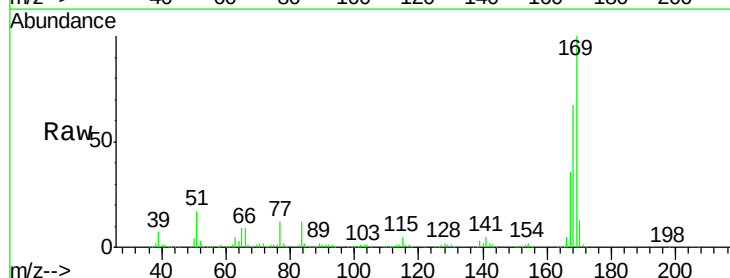
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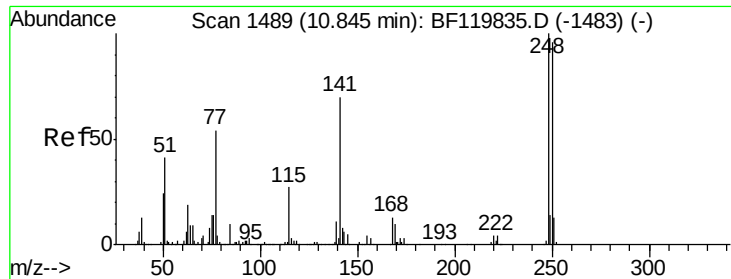
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 38.422 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.4
167	36.5	28.3	42.5





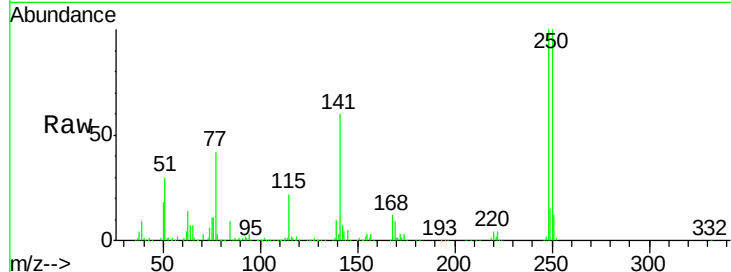
#67
 4-Bromophenyl-phenylether
 Concen: 35.131 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

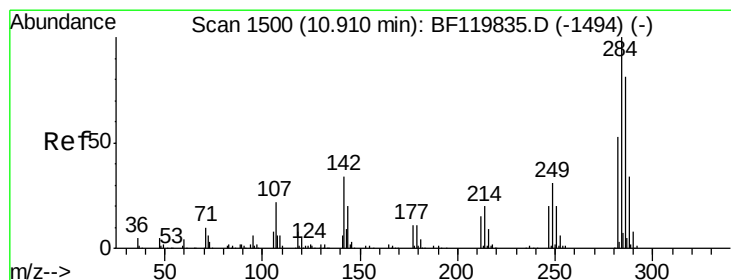
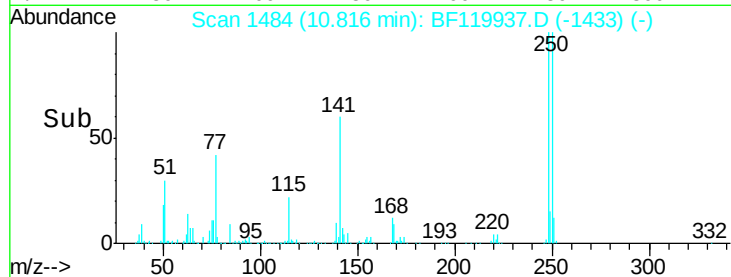
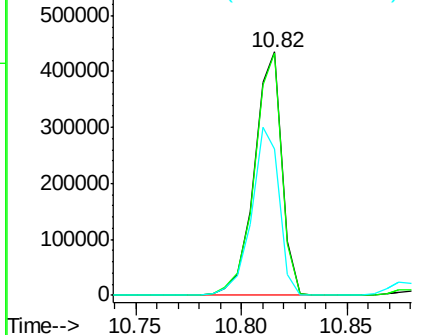
Tot Ion:	248	Resp:	395390
Ion Ratio	Lower	Upper	
248	100		
250	99.6	76.6	114.8
141	60.2	55.9	83.9

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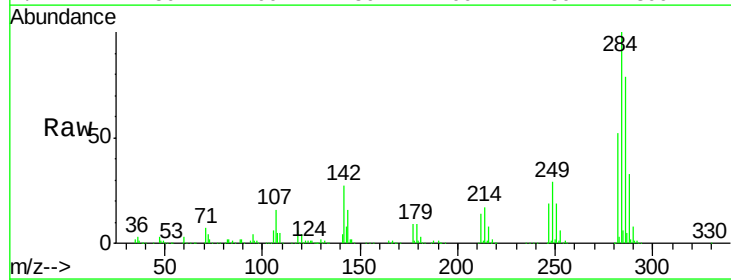


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

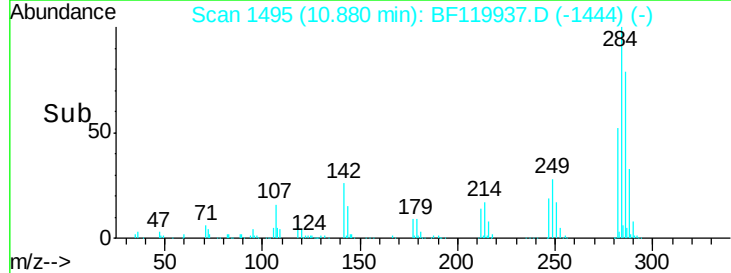
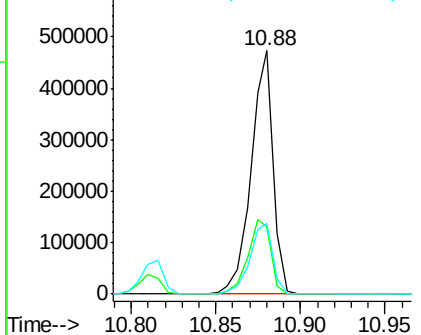


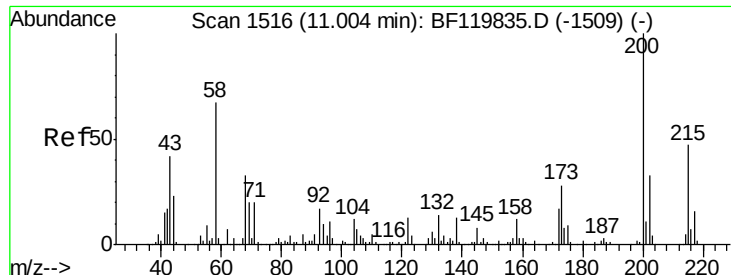
#68
 Hexachlorobenzene
 Concen: 37.794 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:	284	Resp:	431516
Ion Ratio	Lower	Upper	
284	100		
142	27.3	26.9	40.3
249	29.0	24.6	37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





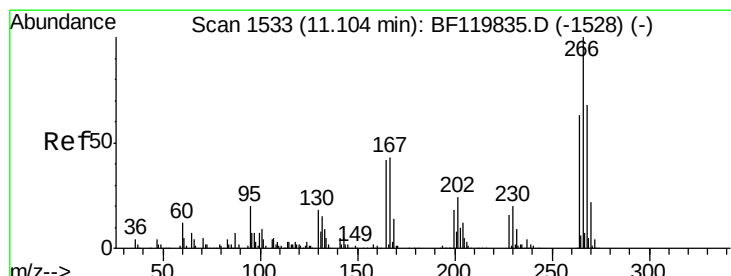
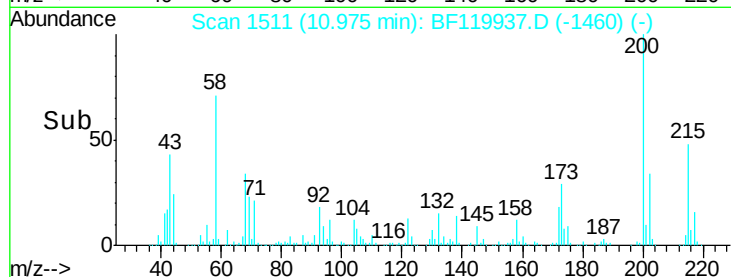
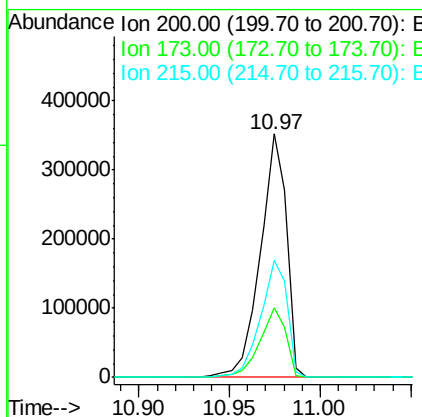
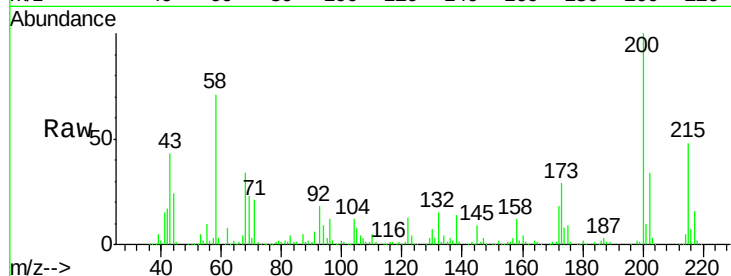
#69
Atrazine
Concen: 42.229 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	8.0	48.0
215	48.1	27.1	67.1

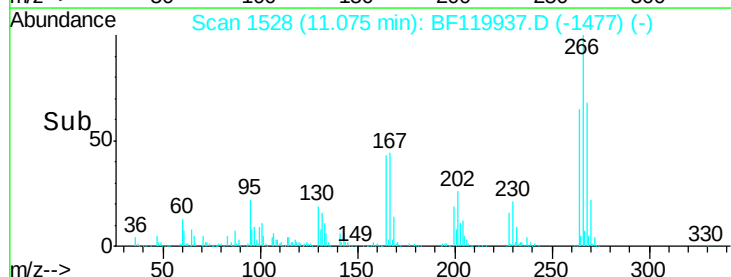
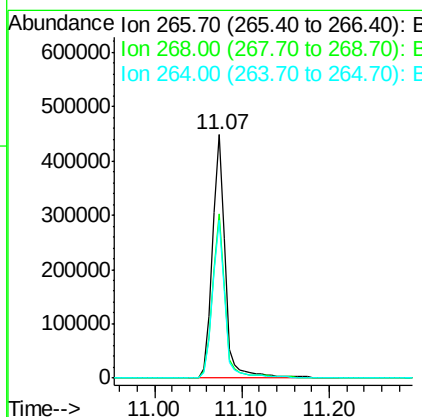
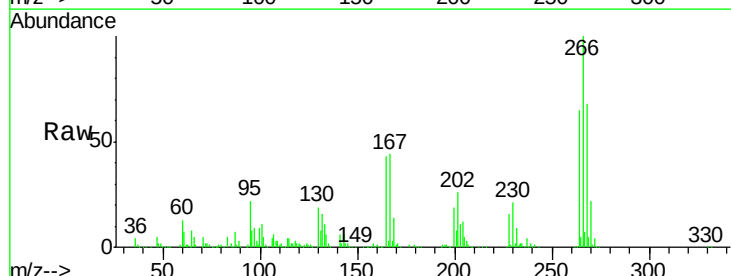
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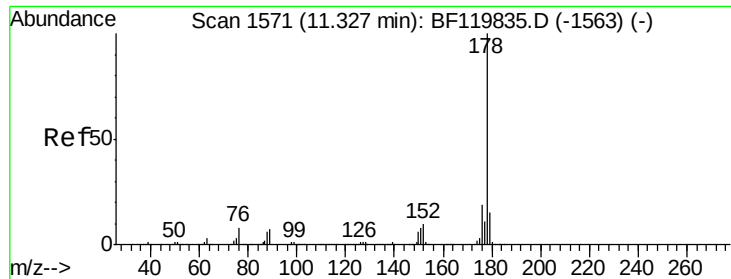
mohammad
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#70
Pentachlorophenol
Concen: 70.578 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.5	54.2	81.4
264	64.8	50.6	76.0





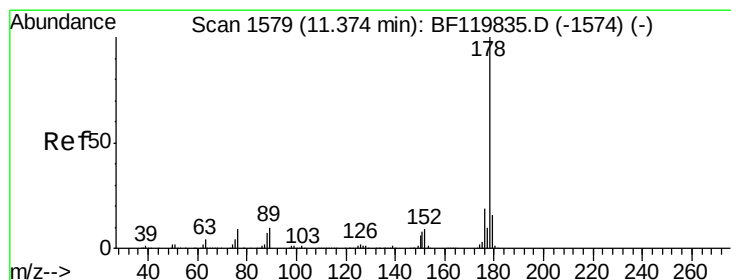
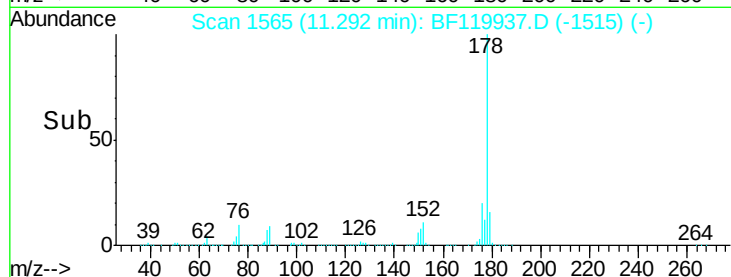
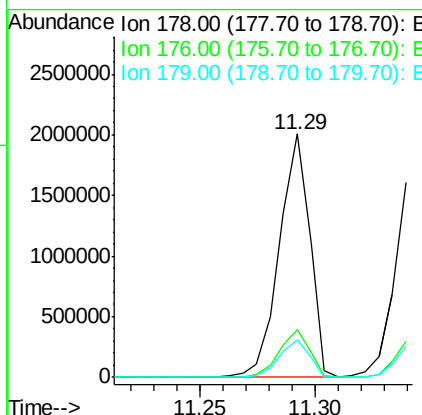
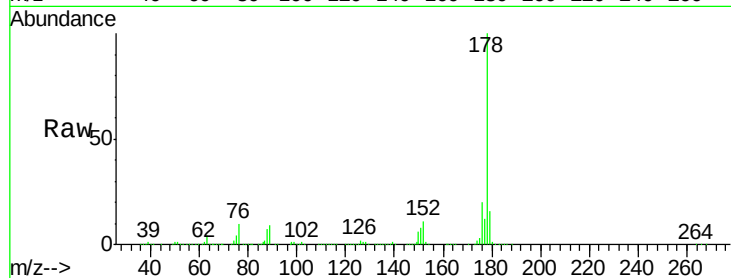
#71
Phenanthrene
Concen: 37.941 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion:178 Resp: 1827432
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.7 12.2 18.4

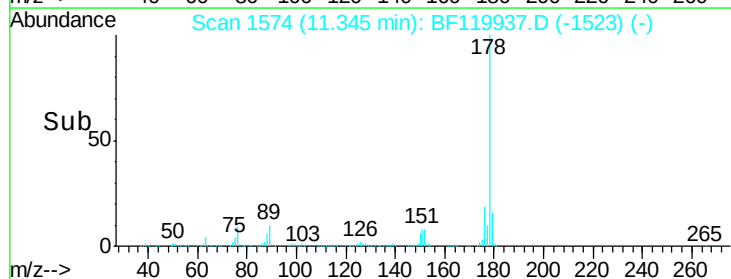
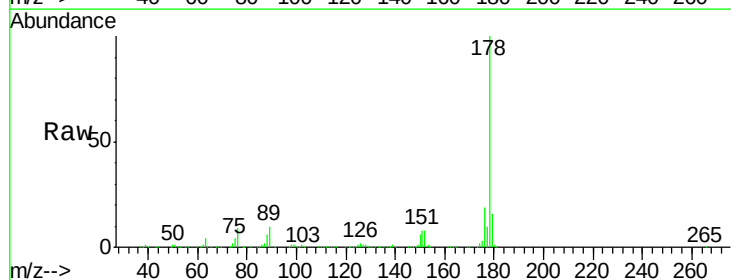
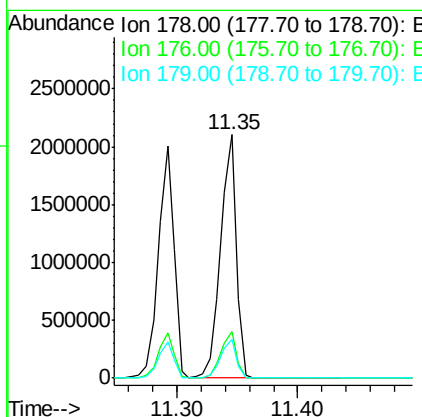
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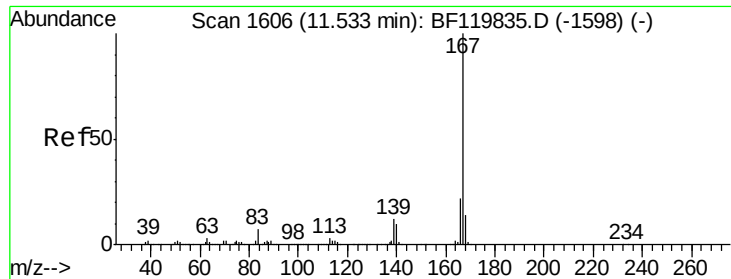
mohammad
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#72
Anthracene
Concen: 38.284 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:178 Resp: 1883740
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.9 12.8 19.2





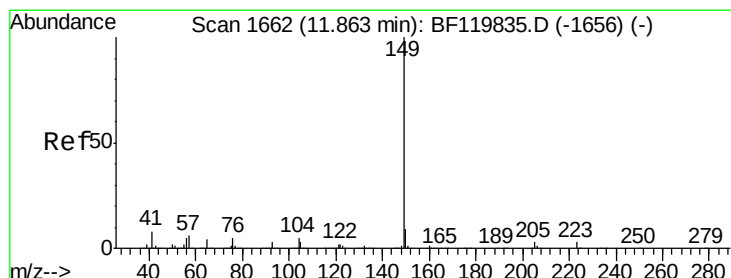
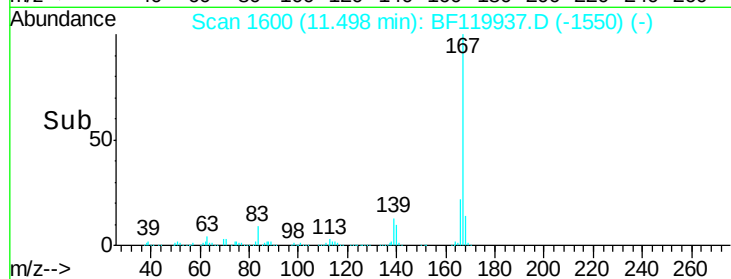
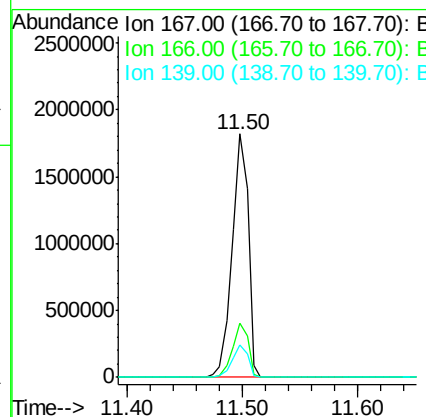
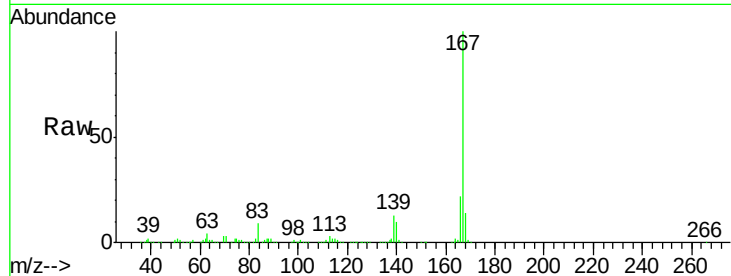
#73
 Carbazole
 Concen: 37.621 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	13.4	9.8	14.8

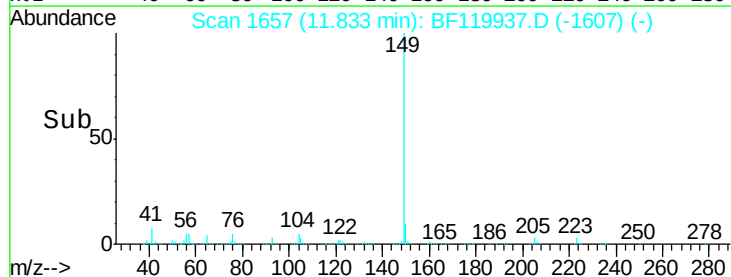
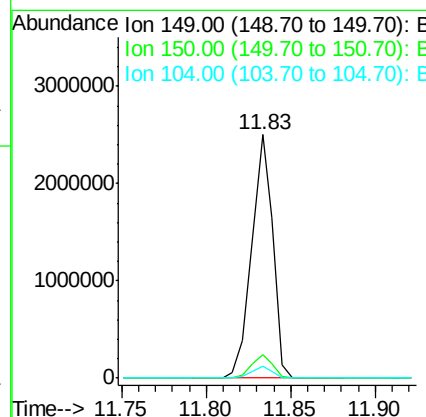
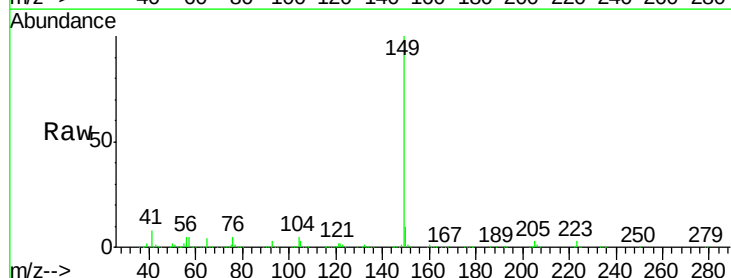
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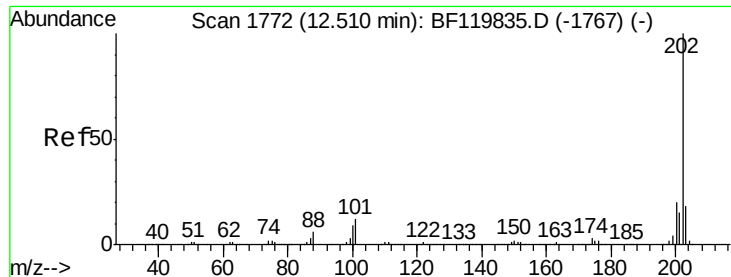
mohammad
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#74
 Di-n-butylphthalate
 Concen: 35.853 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.8	3.8	5.6





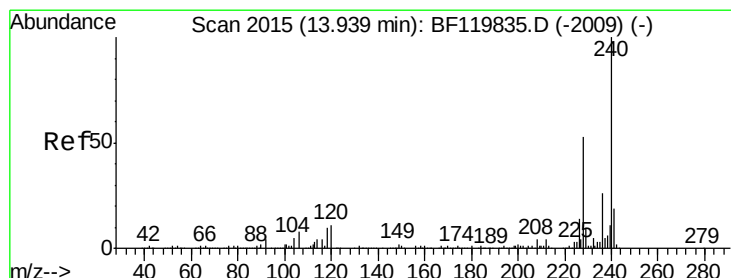
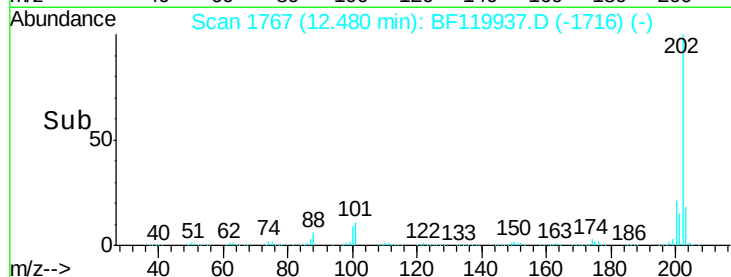
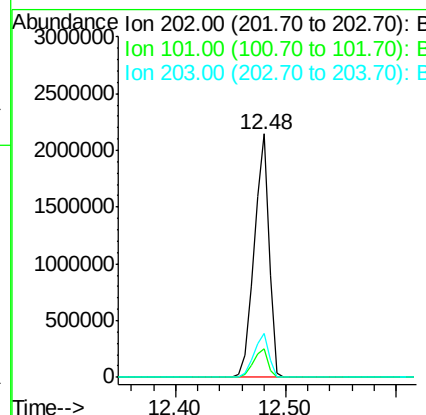
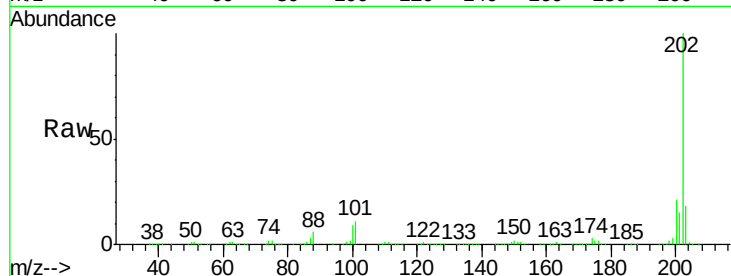
#75
Fluoranthene
Concen: 38.770 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2014898		
101	11.5	0.0	32.3	
203	18.1	0.0	37.6	

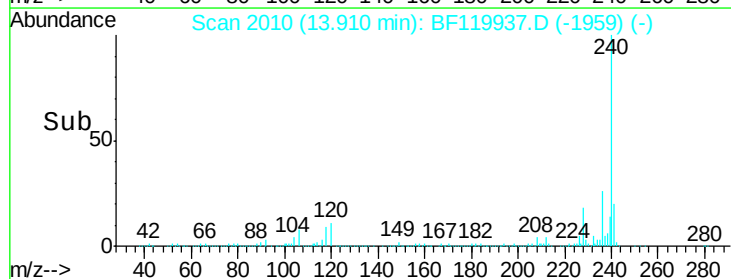
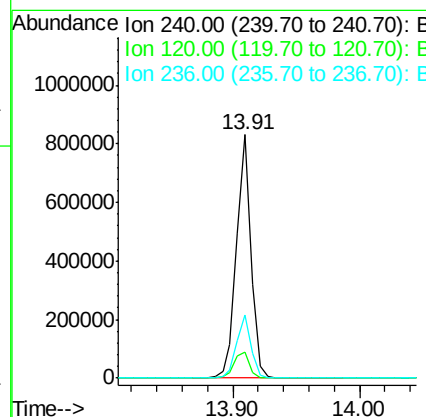
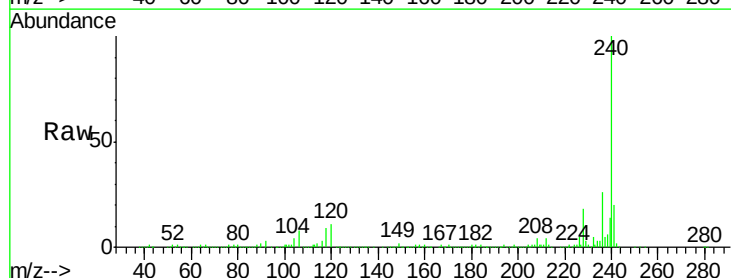
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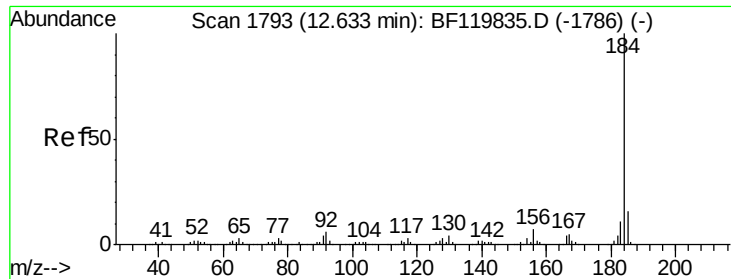
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	649681		
120	10.8	9.0	13.6	
236	26.1	20.7	31.1	





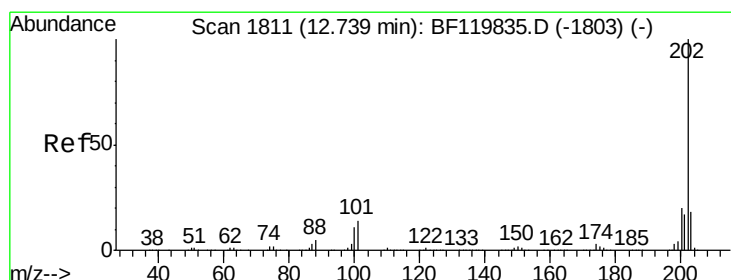
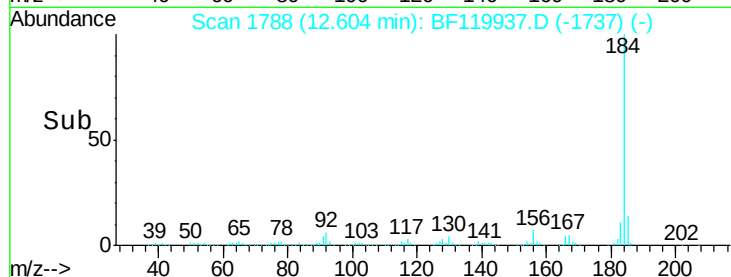
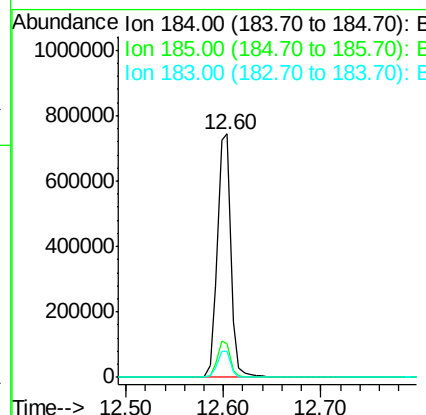
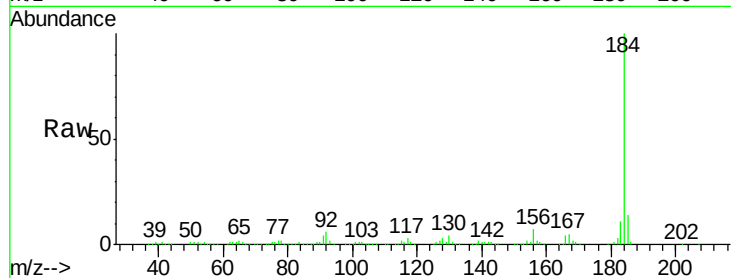
#77
Benzidine
Concen: 32.631 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.2	19.8
183	10.9	9.1	13.7

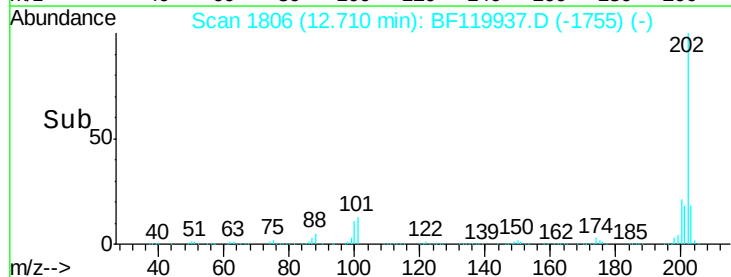
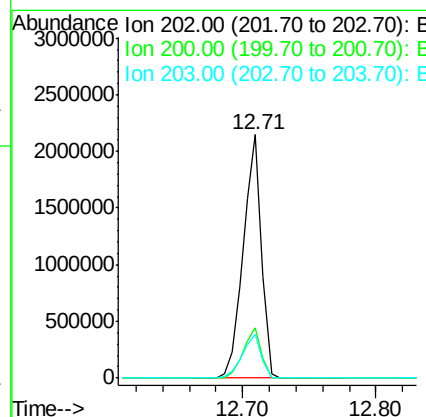
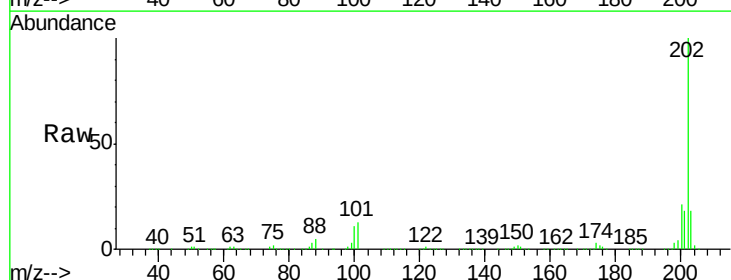
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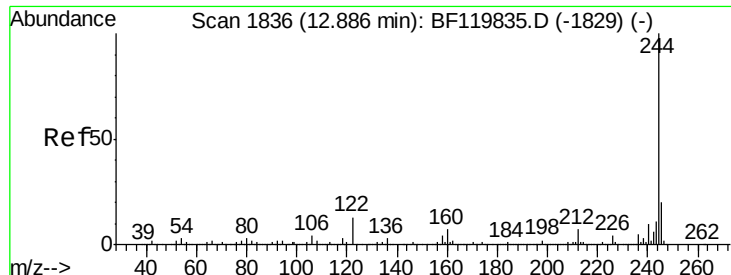
mohammad
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#78
Pyrene
Concen: 37.039 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	18.2	14.1	21.1





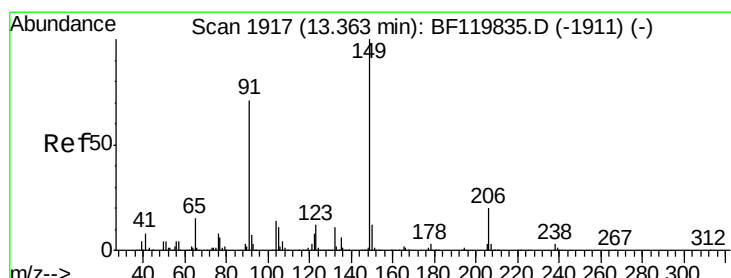
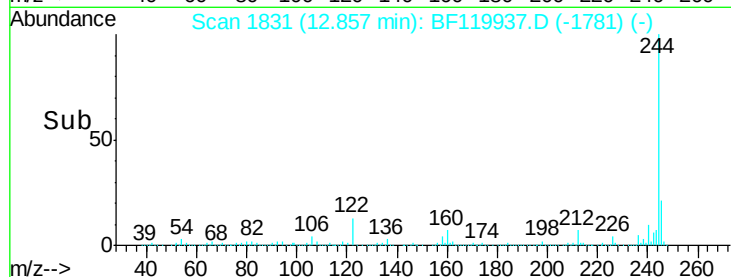
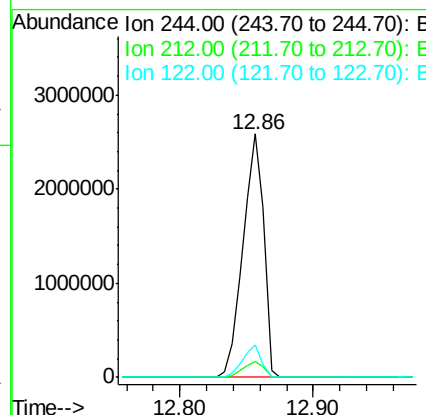
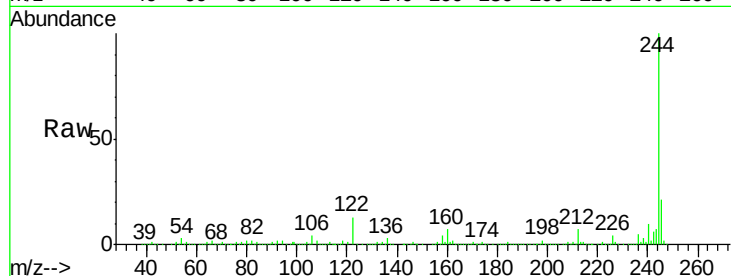
#79
 Terphenyl-d14
 Concen: 72.111 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.2	10.3	15.5

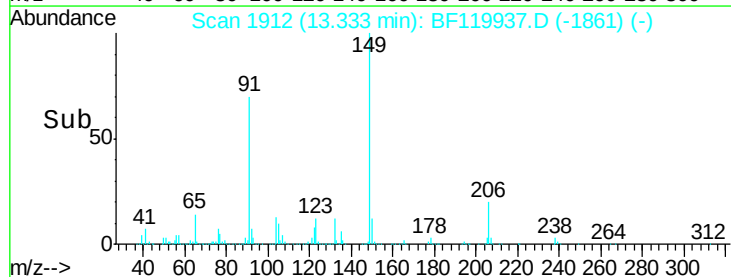
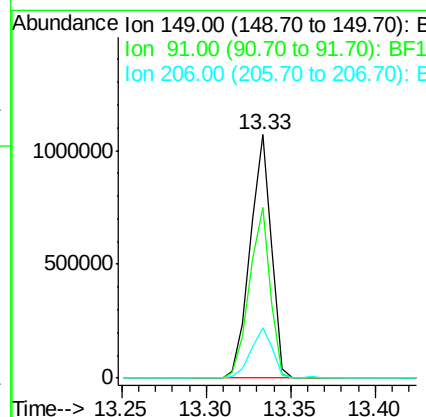
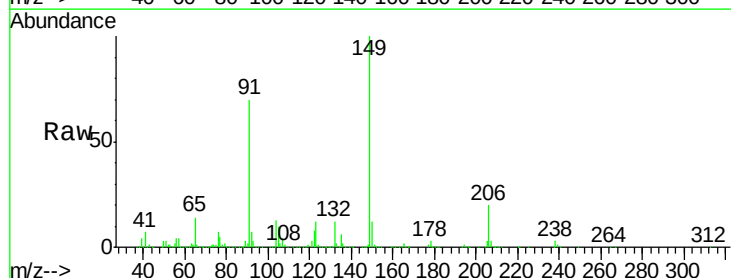
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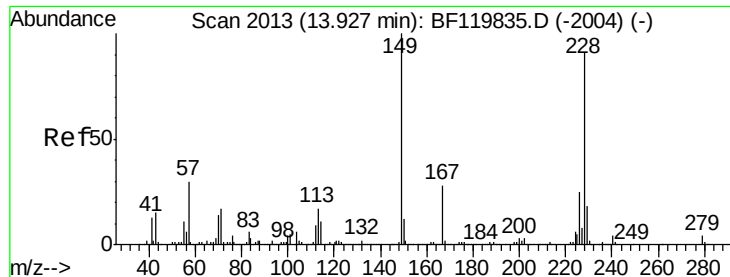
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.356 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.7	85.1
206	20.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 37.378 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

PB128142BS

Tot Ion:228 Resp: 1597526

Ion Ratio Lower Upper

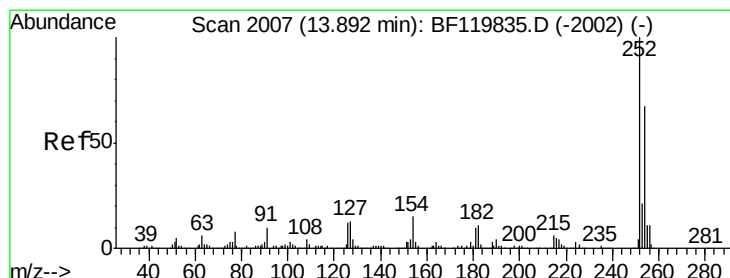
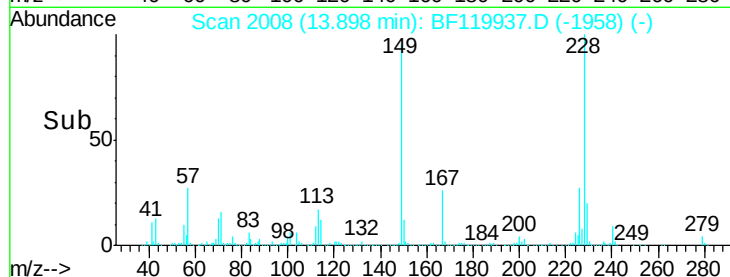
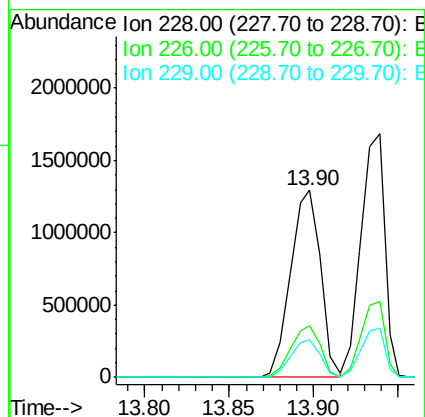
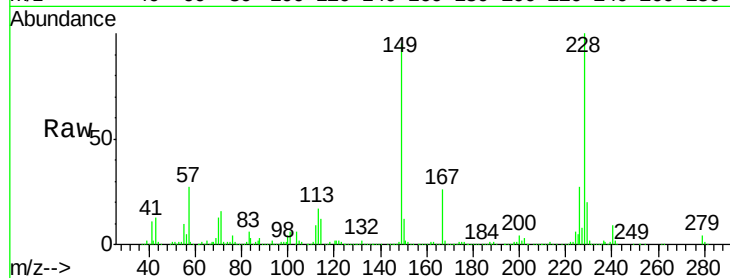
228 100

226 27.4 21.9 32.9

229 19.8 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 21.872 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

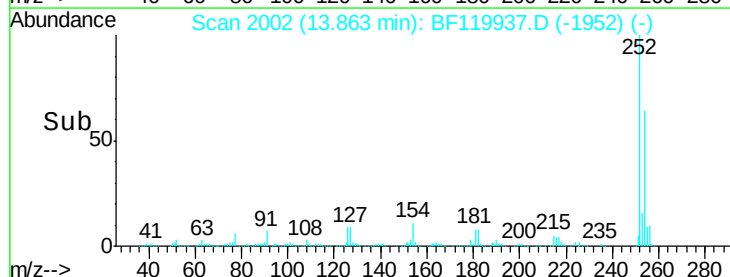
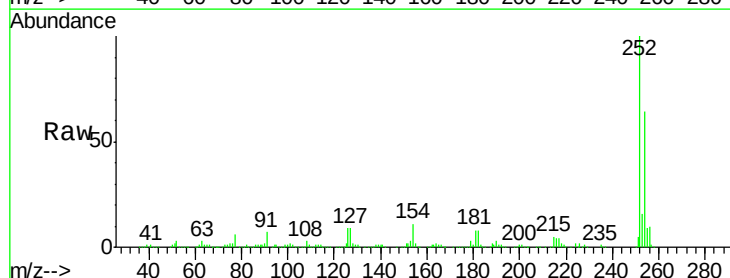
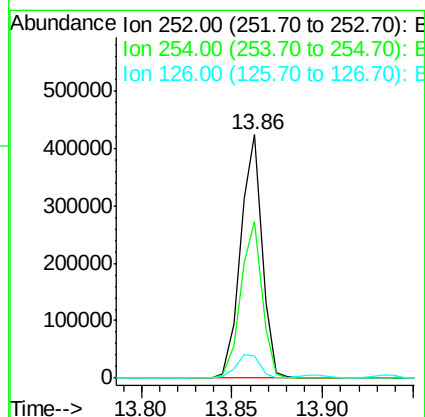
Tgt Ion:252 Resp: 348806

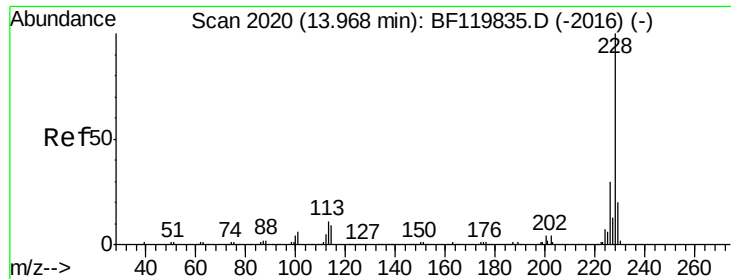
Ion Ratio Lower Upper

252 100

254 64.2 53.9 80.9

126 9.2 9.7 14.5#





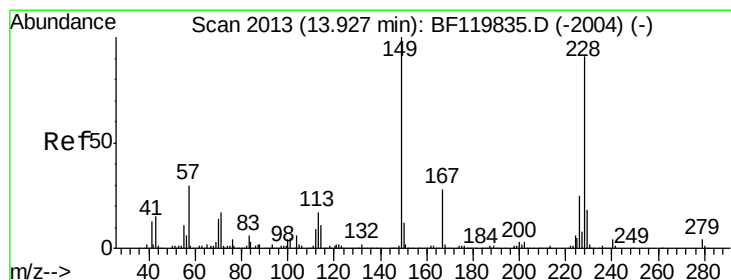
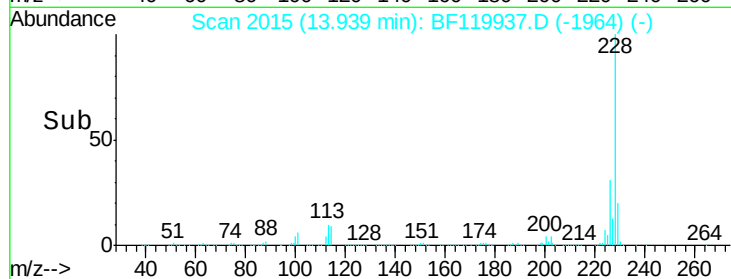
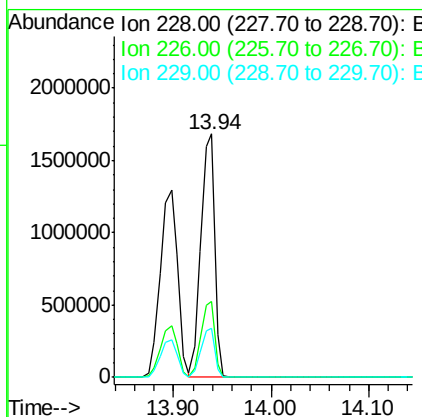
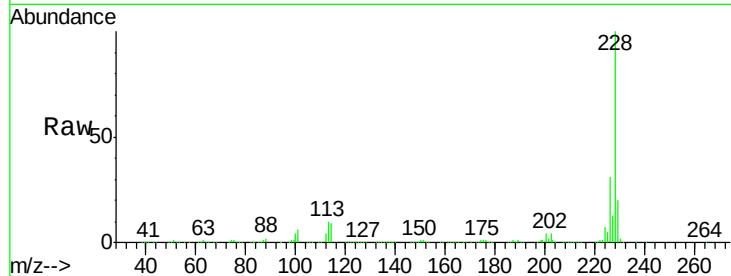
#83
Chrysene
Concen: 38.196 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion:228 Resp: 1658756
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 20.2 15.9 23.9

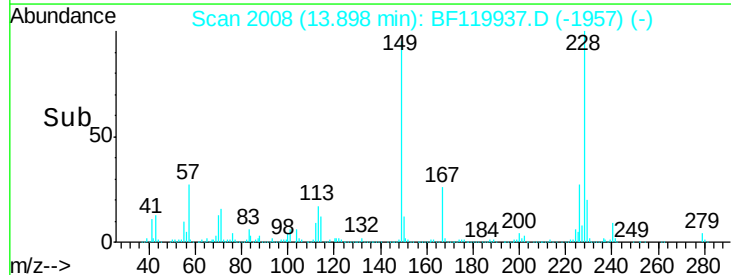
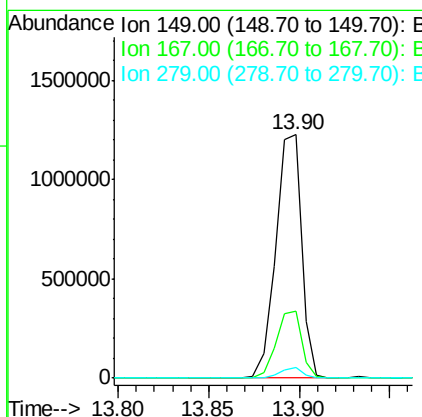
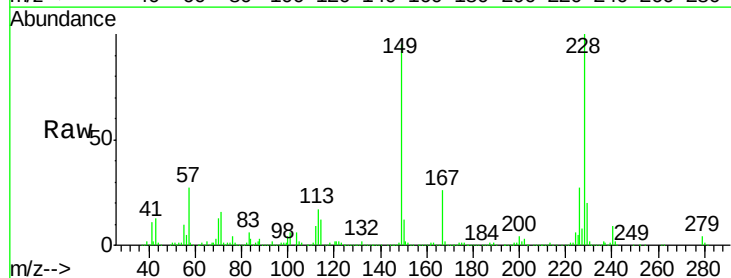
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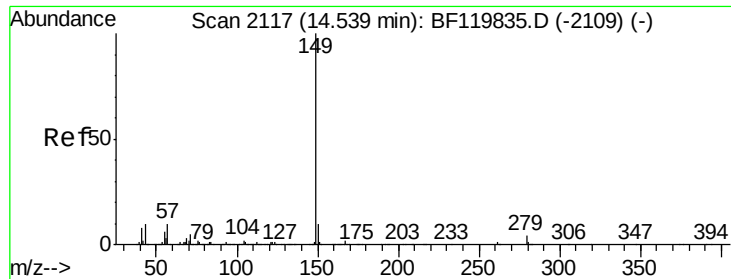
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.637 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:149 Resp: 1210583
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.4 3.4 5.0





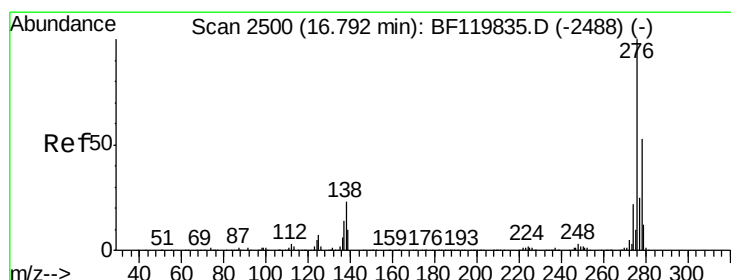
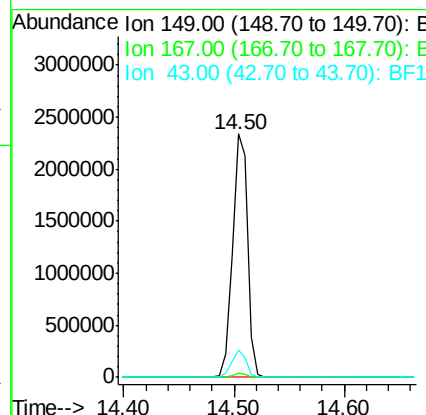
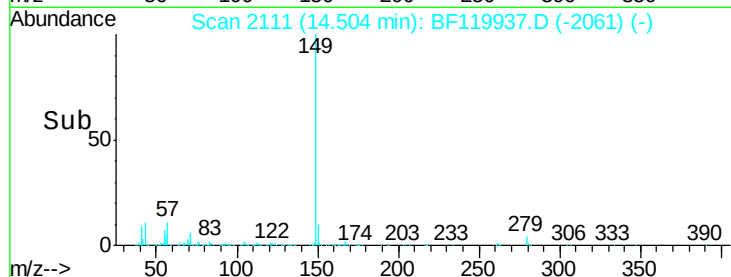
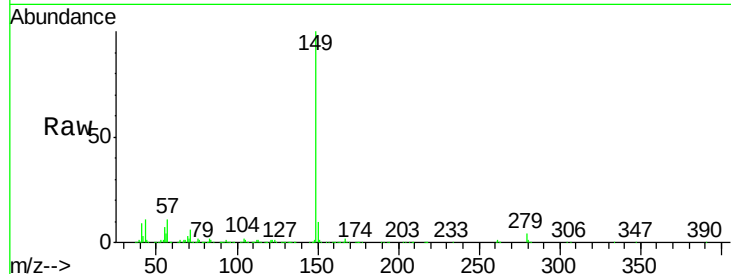
#85
Di-n-octyl phthalate
Concen: 36.299 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ion	Ratio	Lower	Upper
2224343	149	100		
	167	1.6	1.2	1.8
	43	10.5	9.2	13.8

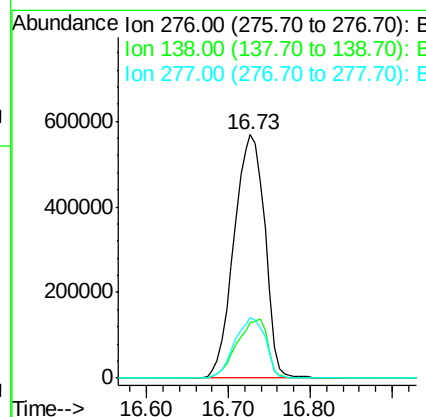
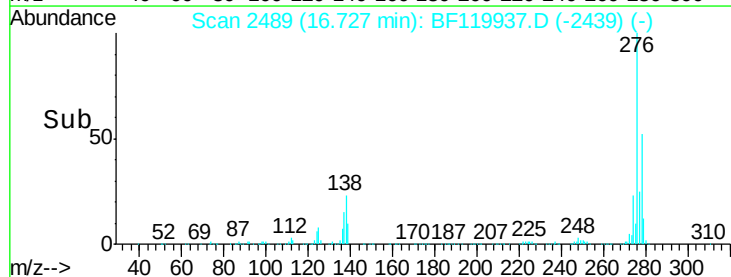
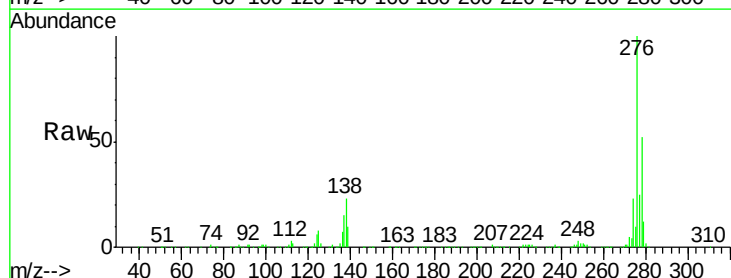
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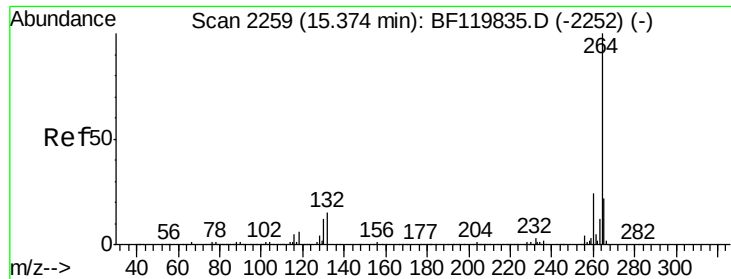
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.992 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ion	Ratio	Lower	Upper
1492649	276	100		
	138	24.1	18.0	27.0
	277	24.9	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

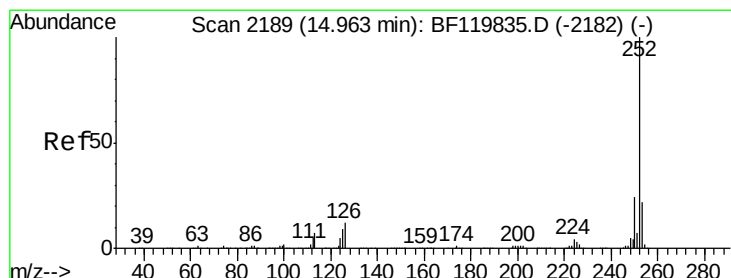
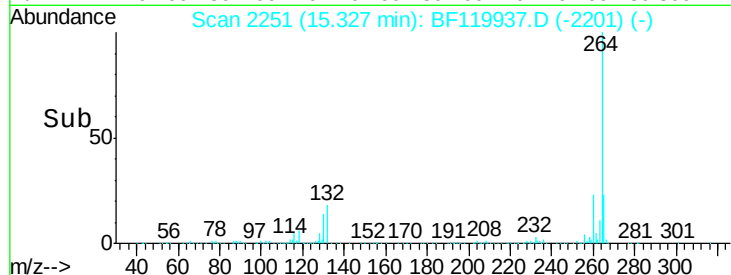
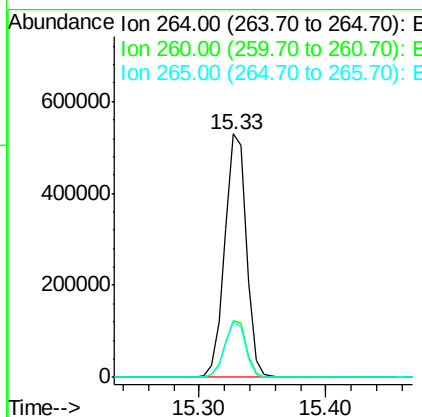
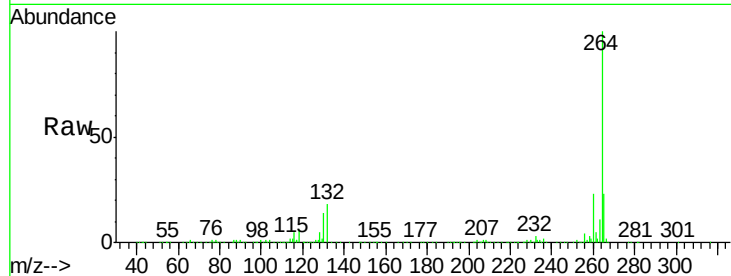
ClientSampleId :

PB128142BS

Tot Ion:	264	Resp:	623194
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.3	28.9
265	22.6	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 37.992 ng

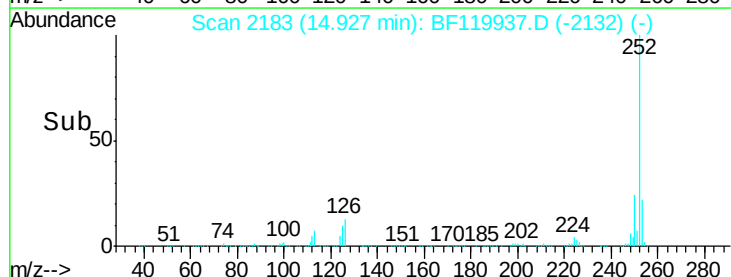
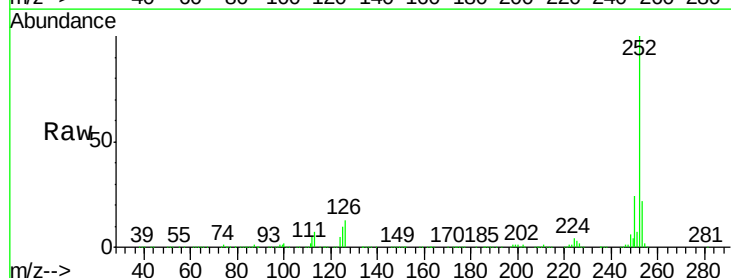
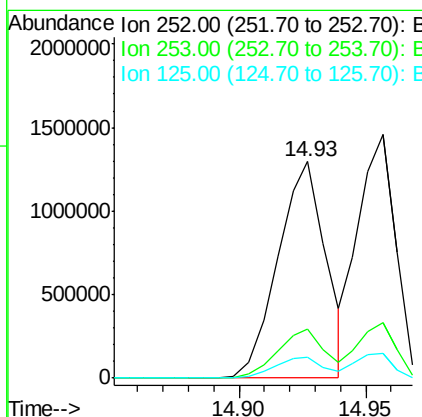
RT: 14.93 min Scan# 2183

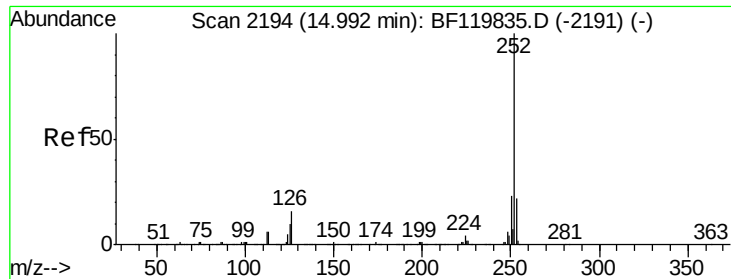
Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	252	Resp:	1703226
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	9.8	7.4	11.2





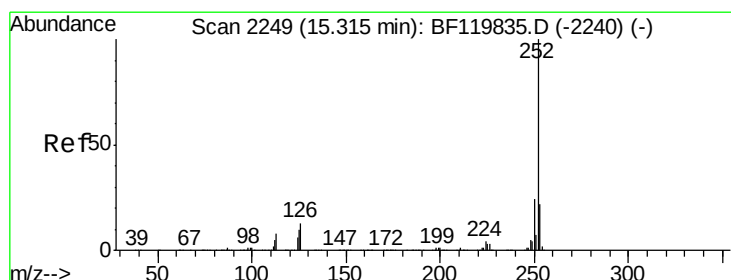
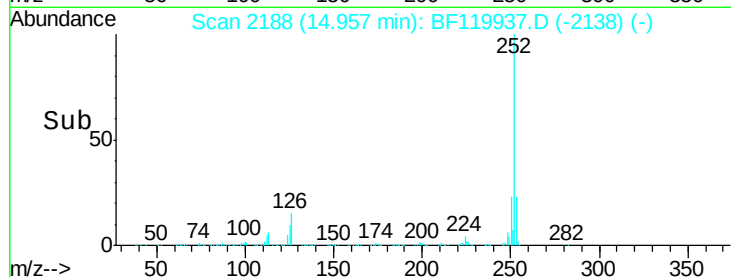
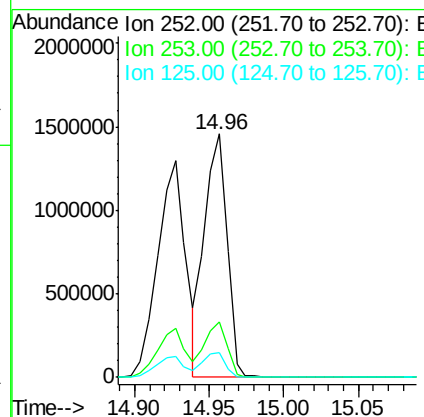
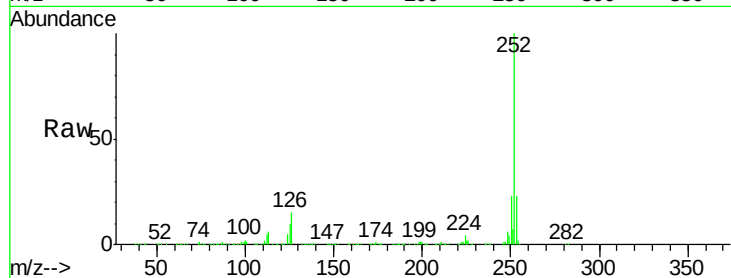
#89
Benzo(k)fluoranthene
Concen: 39.130 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.3	7.7	11.5

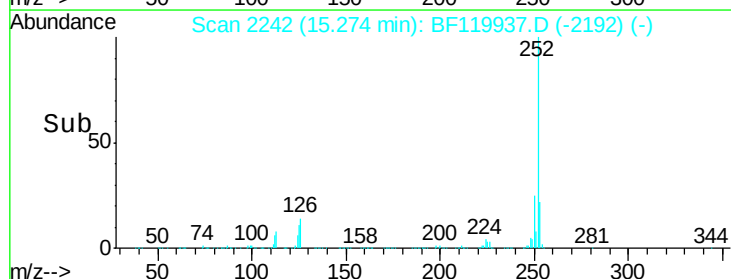
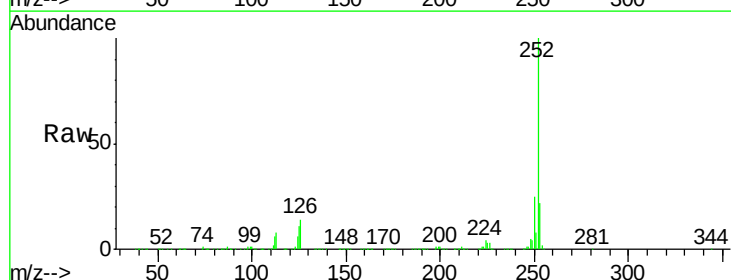
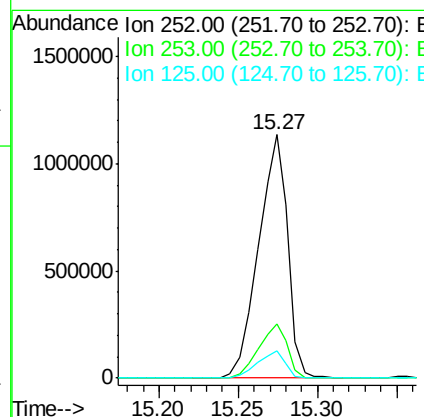
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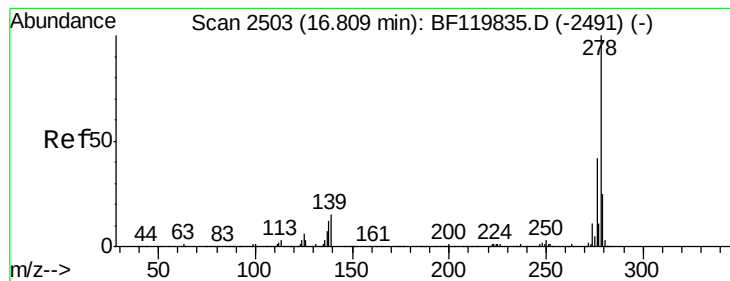
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#90
Benzo(a)pyrene
Concen: 38.317 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.4	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 36.863 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

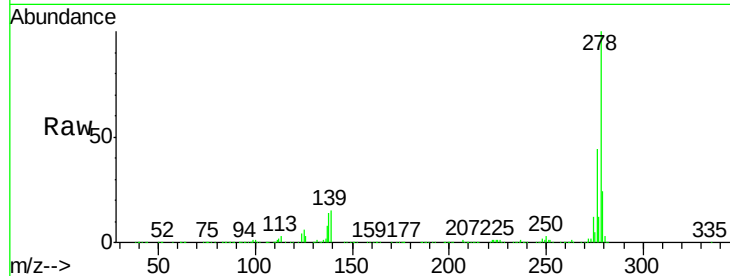
ClientSampleId :

PB128142BS

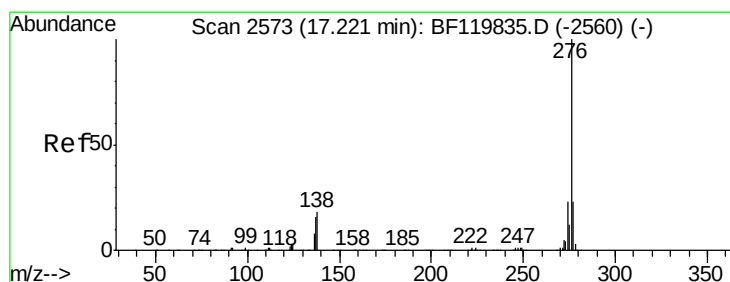
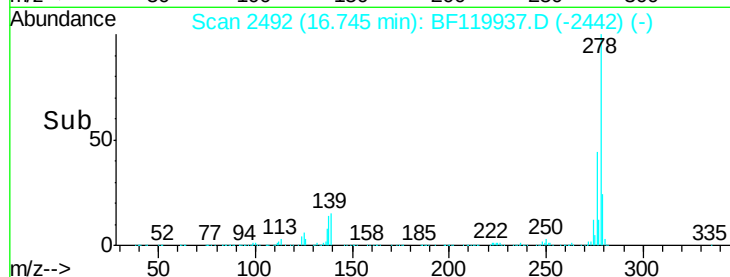
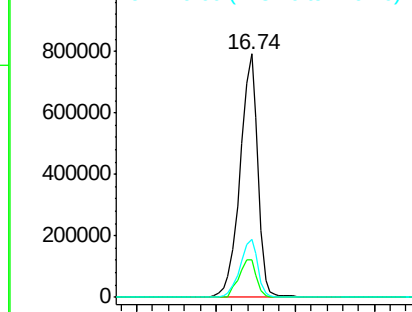
Tot Ion:	278	Resp:	1230801
Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.6	17.4
279	23.9	19.7	29.5

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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: 36.822 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:	276	Resp:	1213587
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	20.9	14.6	22.0

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

