

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119992.D
 Acq On : 15 Apr 2020 14:35
 Operator : MA/SJ
 Sample : L2115-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Manual Integrations
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Quant Time: Apr 15 16:52:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	176027	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	680426	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	355026	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	687090	20.00	ng	0.00
76) Chrysene-d12	13.90	240	467642	20.00	ng	0.00
87) Perylene-d12	15.32	264	385671	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1423114	139.72	ng	0.02
7) Phenol-d6	6.37	99	1676337	127.72	ng	0.00
23) Nitrobenzene-d5	7.30	82	1260462	95.83	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	554123	127.48	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2451443	98.04	ng	0.00
79) Terphenyl-d14	12.84	244	2621014	94.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	228813	50.436	ng	# 79
3) Pyridine	3.23	79	362519	29.125	ng	99
4) n-Nitrosodimethylamine	3.17	42	314654	49.477	ng	91
6) Aniline	6.39	93	313740	18.213	ng	# 83
8) 2-Chlorophenol	6.51	128	660081	58.000	ng	96
9) Benzaldehyde	6.27	77	179404	20.087	ng	98
10) Phenol	6.38	94	680367	45.693	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	659701	57.381	ng	99
12) 1,3-Dichlorobenzene	6.67	146	676192	54.271	ng	99
13) 1,4-Dichlorobenzene	6.75	146	676754	53.321	ng	99
14) 1,2-Dichlorobenzene	6.90	146	631819	54.016	ng	98
15) Benzyl Alcohol	6.87	79	530042	51.995	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1106321	49.451	ng	94
17) 2-Methylphenol	6.99	107	528056	51.993	ng	97
18) Hexachloroethane	7.24	117	257998	54.392	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	463116	54.873	ng	96
20) 3+4-Methylphenols	7.15	107	618014	49.754	ng	94
22) Acetophenone	7.14	105	889207	55.808	ng	# 97
24) Nitrobenzene	7.32	77	701831	53.045	ng	96
25) Isophorone	7.56	82	1317225	51.953	ng	100
26) 2-Nitrophenol	7.63	139	366691	55.474	ng	98
27) 2,4-Dimethylphenol	7.67	122	549963	55.165	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	836711	56.082	ng	99
29) 2,4-Dichlorophenol	7.87	162	554985	54.310	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	598398	51.681	ng	100
31) Naphthalene	8.03	128	1898343	53.028	ng	99
32) Benzoic acid	7.81	122	424313	48.462	ng	98
33) 4-Chloroaniline	8.09	127	154748	9.929	ng	96
34) Hexachlorobutadiene	8.15	225	347164	50.087	ng	98
35) Caprolactam	8.47	113	139475m	44.619	ng	
36) 4-Chloro-3-methylphenol	8.57	107	604881	54.673	ng	97
37) 2-Methylnaphthalene	8.73	142	1313763	54.129	ng	98
38) 1-Methylnaphthalene	8.83	142	1236549	54.054	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	562805	50.191	ng	99

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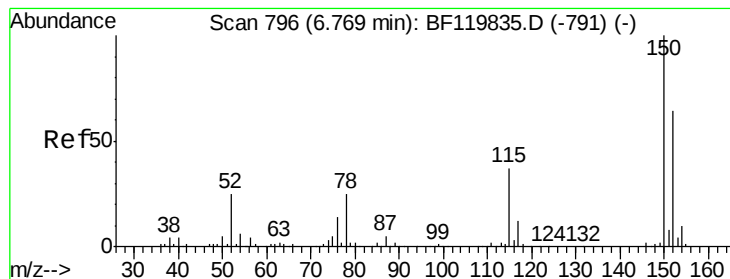
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	676829	106.148	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	411938	53.200	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	452252	51.857	nq	98
46) 1,1'-Biphenyl	9.19	154	1581899	52.789	nq	98
47) 2-Chloronaphthalene	9.22	162	1231559	53.350	nq	97
48) 2-Nitroaniline	9.32	65	432527	51.704	nq	97
49) Acenaphthylene	9.63	152	1903153	54.210	nq	99
50) Dimethylphthalate	9.50	163	1464812	53.342	nq	99
51) 2,6-Dinitrotoluene	9.56	165	328650	54.653	nq	87
52) Acenaphthene	9.80	154	1172035	50.047	nq	100
53) 3-Nitroaniline	9.73	138	157546	22.939	nq	95
54) 2,4-Dinitrophenol	9.84	184	415001	115.270	nq	93
55) Dibenzofuran	9.98	168	1700027	52.901	nq	99
56) 4-Nitrophenol	9.90	139	446984	87.471	nq	94
57) 2,4-Dinitrotoluene	9.97	165	425815	53.746	nq	94
58) Fluorene	10.32	166	1317729	51.272	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	373187	55.949	nq	99
60) Diethylphthalate	10.20	149	1488294	52.292	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	641956	48.734	nq	99
62) 4-Nitroaniline	10.35	138	321419	49.108	nq	99
63) Azobenzene	10.47	77	1397208	54.778	nq	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	260163	57.474	nq	83
66) n-Nitrosodiphenylamine	10.44	169	1211743	53.029	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	407034	47.636	nq	97
68) Hexachlorobenzene	10.87	284	436725	50.382	nq	98
69) Atrazine	10.97	200	345395	54.327	nq	98
70) Pentachlorophenol	11.07	266	483309	96.753	nq	99
71) Phenanthrene	11.28	178	1925104	52.645	nq	98
72) Anthracene	11.33	178	1980285	53.011	nq	100
73) Carbazole	11.49	167	1778106	50.333	nq	99
74) Di-n-butylphthalate	11.83	149	2337014	50.323	nq	99
75) Fluoranthene	12.47	202	2084344	52.827	nq	99
77) Benzidine	12.59	184	84030	5.316	nq	96
78) Pyrene	12.70	202	2074706	52.627	nq	98
80) Butylbenzylphthalate	13.32	149	969072	50.659	nq	99
81) Benzo(a)anthracene	13.89	228	1576568	51.246	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	278712	24.280	nq	97
83) Chrysene	13.93	228	1647986	52.720	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1242830	47.976	nq	98
85) Di-n-octyl phthalate	14.50	149	2186014	49.561	nq	98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1320224	47.912	nq	97
88) Benzo(b)fluoranthene	14.92	252	1466698m	52.865	nq	
89) Benzo(k)fluoranthene	14.94	252	1393901	58.229	nq	98
90) Benzo(a)pyrene	15.26	252	1257373	53.901	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	1093633	52.927	nq	98
92) Benzo(g,h,i)perylene	17.13	276	1079802	52.940	nq	# 95

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



#1

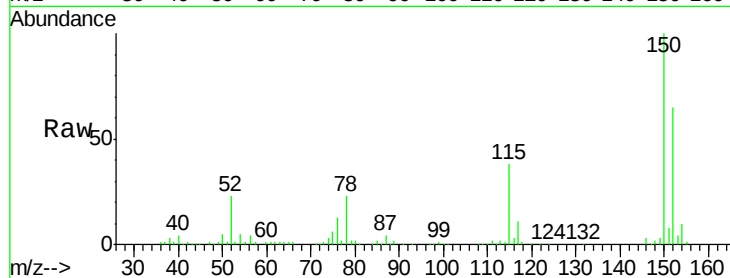
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

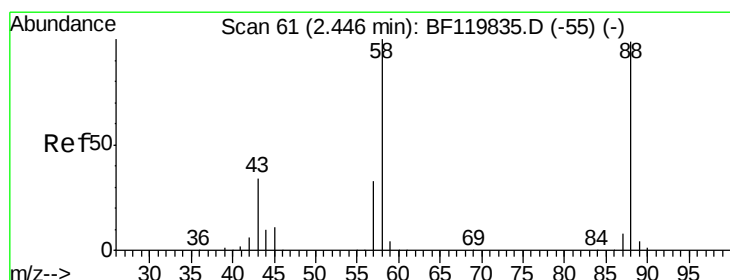
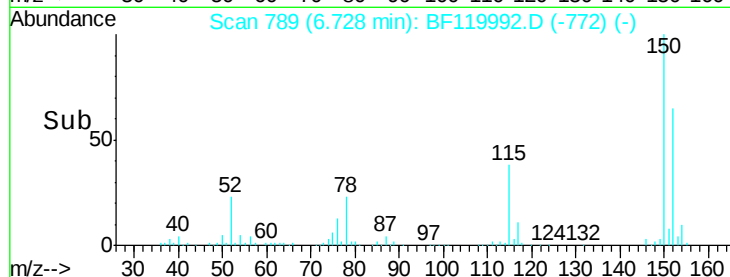
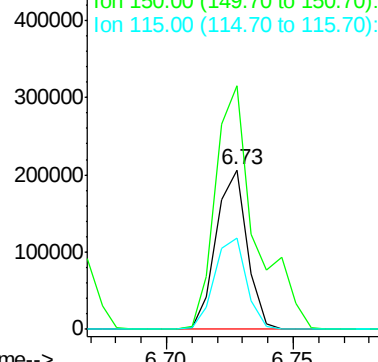
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.8	187.2
115	57.5	46.5	69.7

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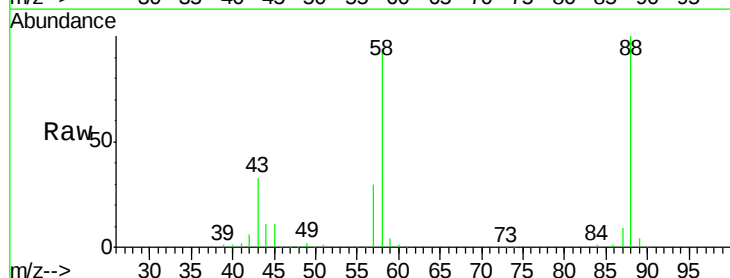
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



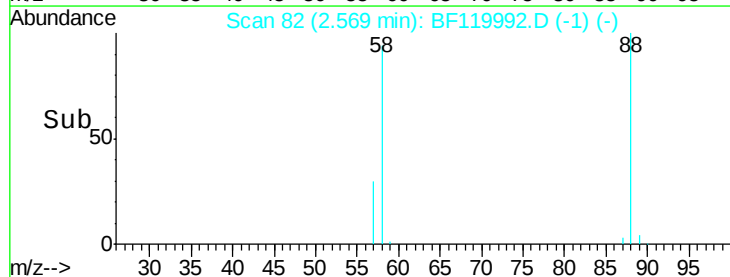
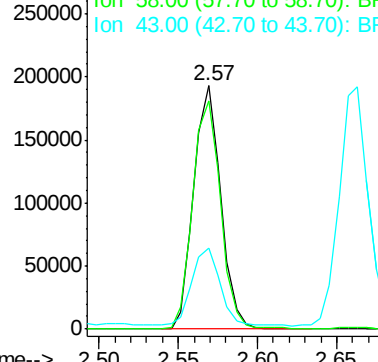
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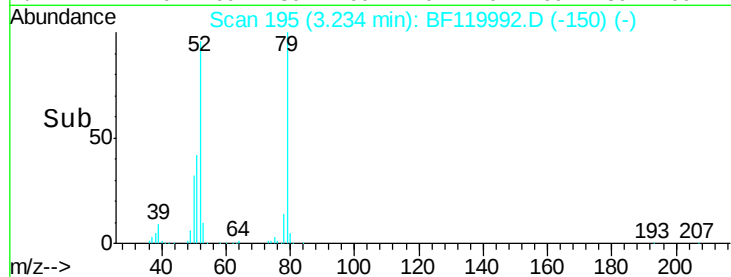
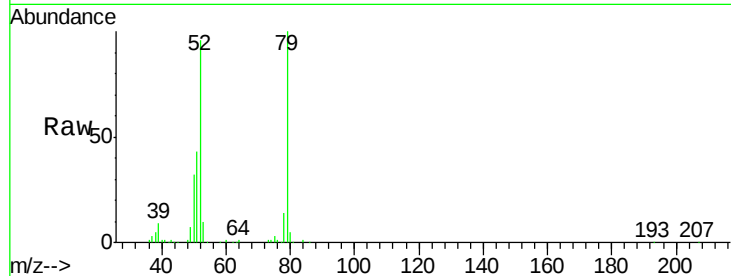
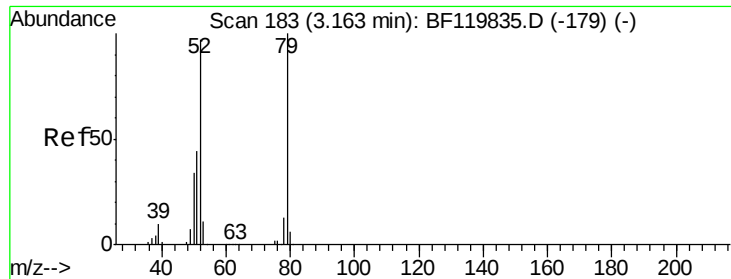
1,4-Dioxane
Concen: 50.436 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.19 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	82.6	123.8
43	0.0	28.6	42.8#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





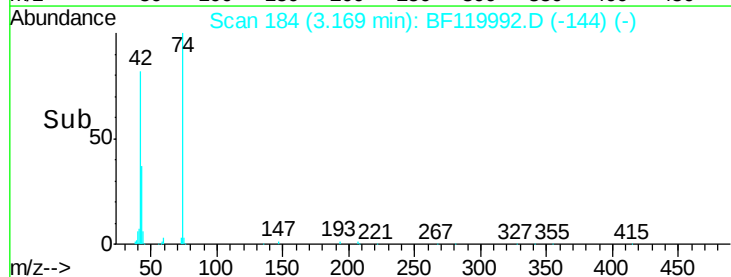
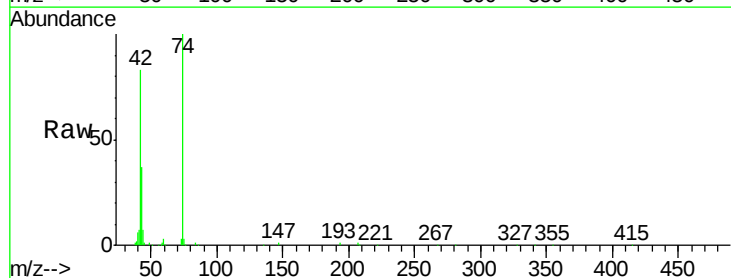
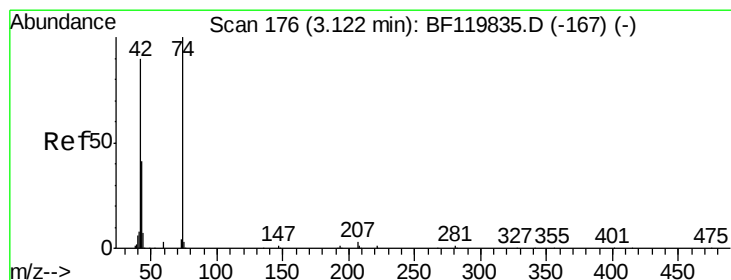
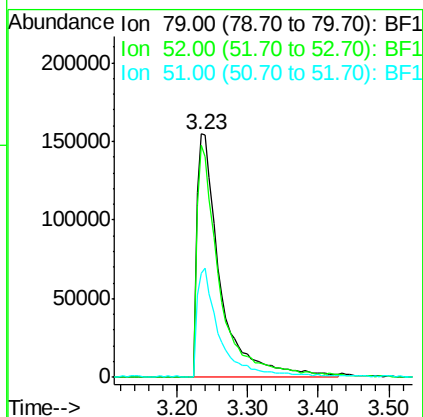
#3
 Pvridine
 Concen: 29.125 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.16 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tot Ion:	79	Resp:	362519
Ion Ratio	Lower	Upper	
79	100		
52	95.5	77.4	116.0
51	42.8	35.3	52.9

Instrument :
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 ClientSampleId :
 CL-01-041020MSD

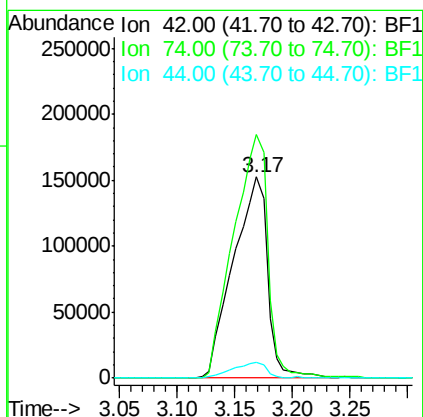
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#4
 n-Nitrosodimethylamine
 Concen: 49.477 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.14 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:	42	Resp:	314654
Ion Ratio	Lower	Upper	
42	100		
74	121.0	89.0	133.4
44	7.9	6.2	9.4





#5

2-Fluorophenol

Concen: 139.717 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

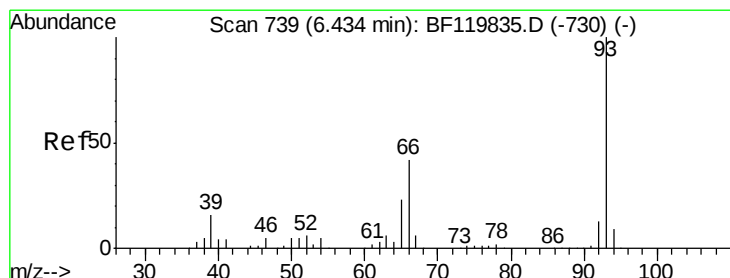
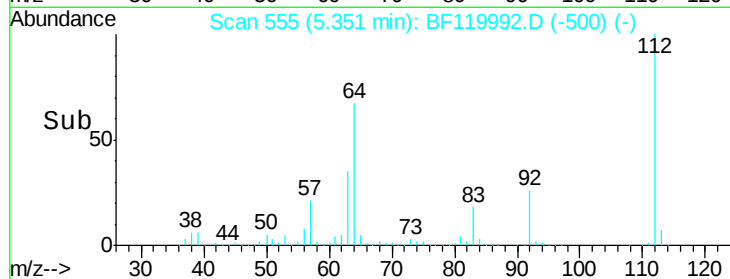
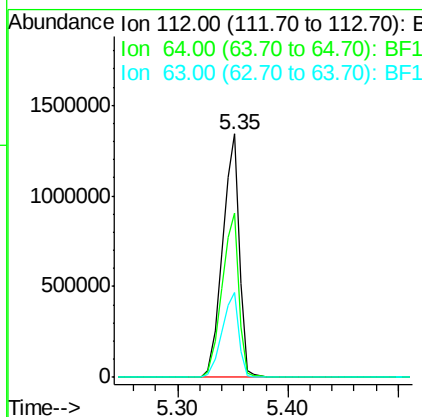
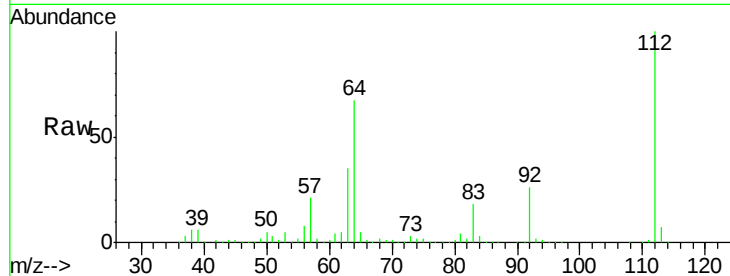
ClientSampleId :

CL-01-041020MSD

Tot Ion:	112	Resp:	1423114
Ion	Ratio	Lower	Upper
112	100		
64	67.4	55.5	83.3
63	34.9	29.1	43.7

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#6

Aniline

Concen: 18.213 ng

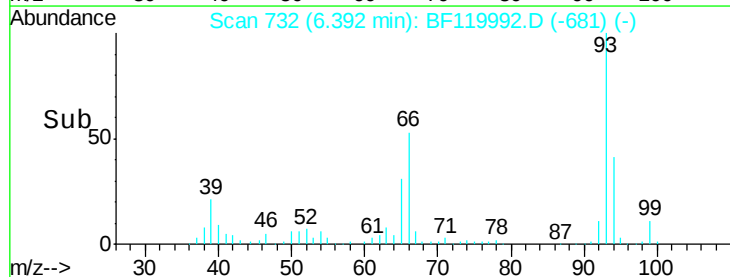
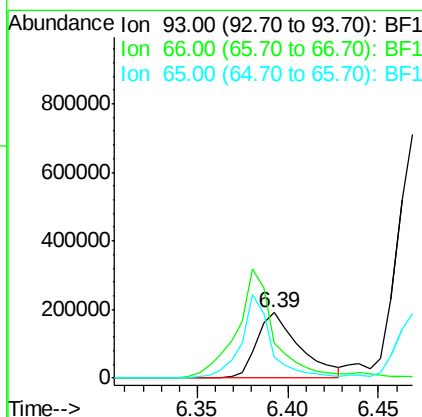
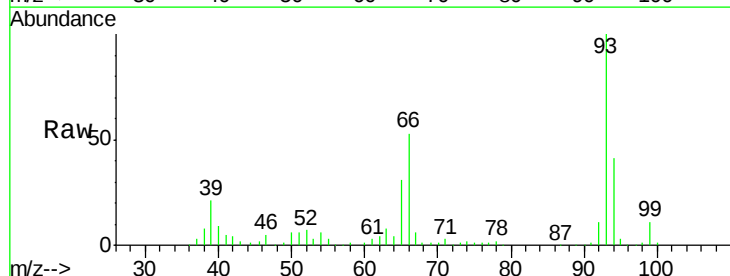
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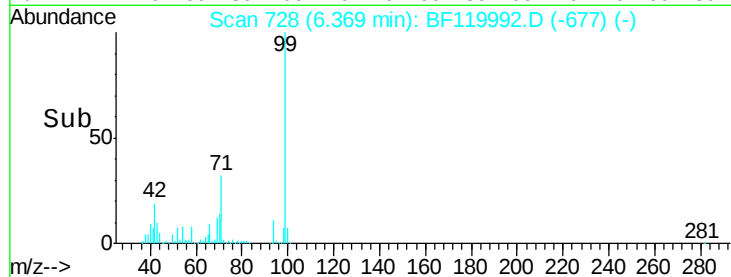
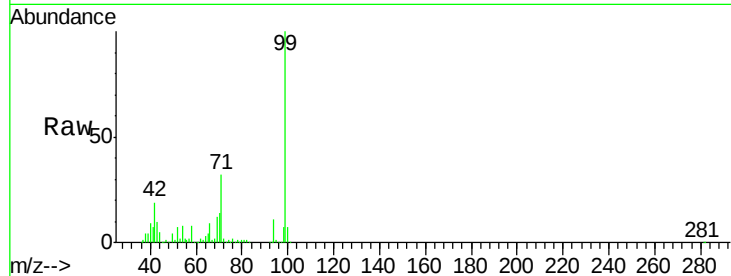
Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	93	Resp:	313740
Ion	Ratio	Lower	Upper
93	100		
66	53.4	34.2	51.2#
65	31.3	18.3	27.5#





#7

Phenol-d6

Concen: 127.724 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tot Ion:	99	Resp:	1676337
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.9	25.3
71	32.1	26.3	39.5

Instrument :

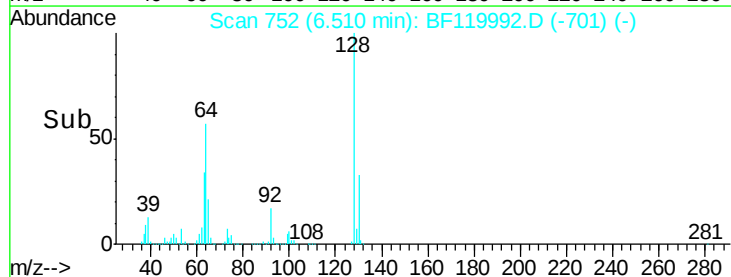
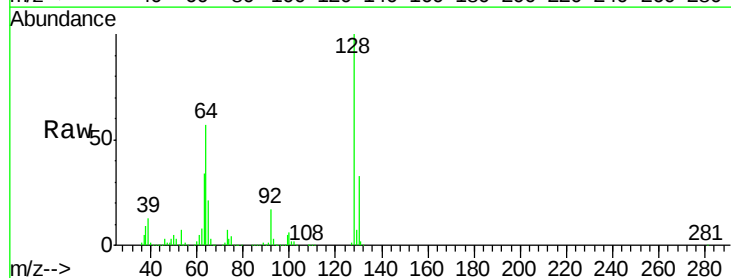
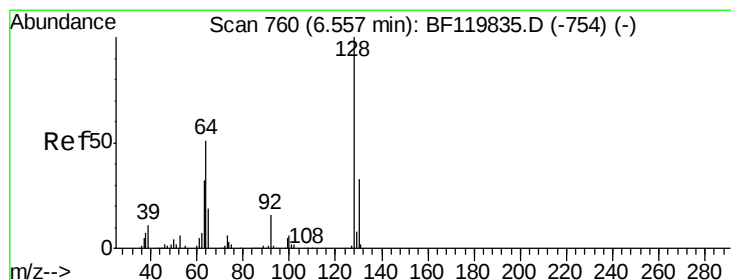
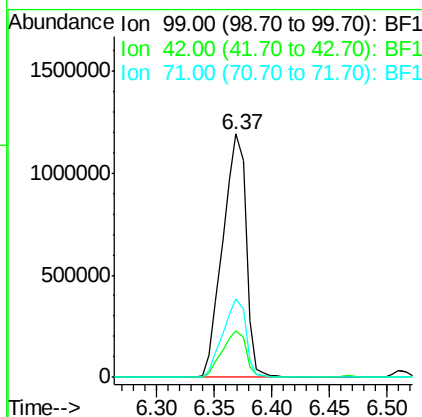
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 58.000 ng

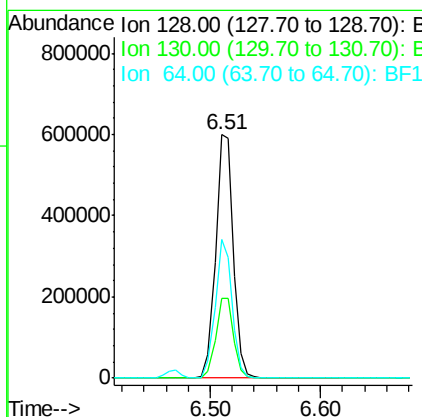
RT: 6.51 min Scan# 752

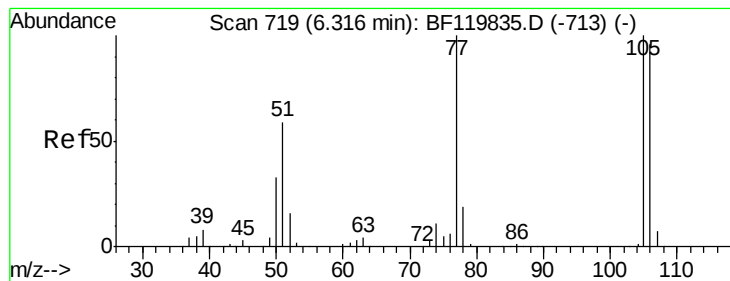
Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	128	Resp:	660081
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	56.7	32.0	72.0





#9

Benzaldehyde

Concen: 20.087 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

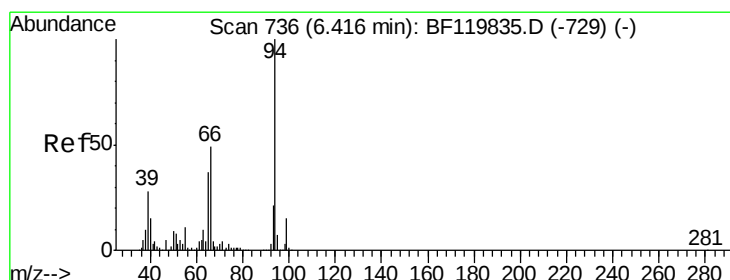
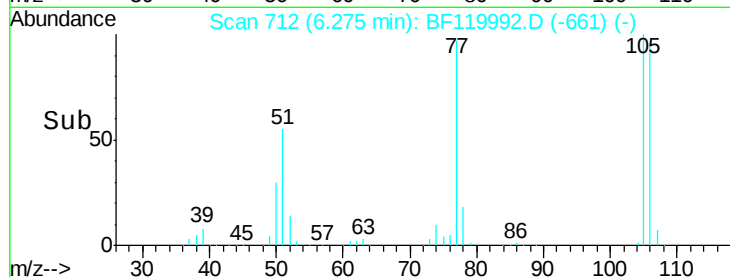
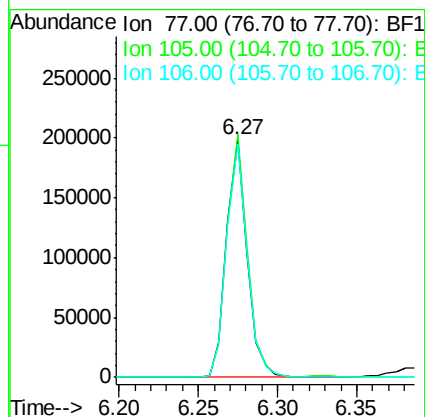
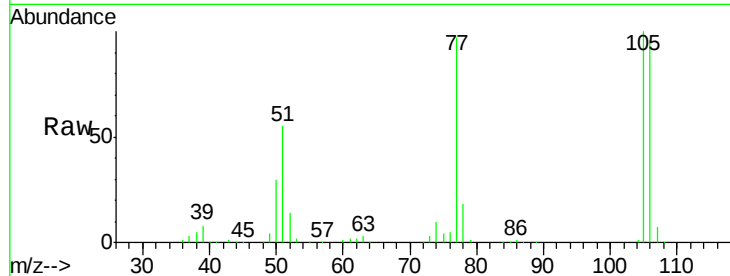
ClientSampleId :

CL-01-041020MSD

Tot Ion:	77	Resp:	179404
Ion	Ratio	Lower	Upper
77	100		
105	102.6	79.9	119.9
106	98.5	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 45.693 ng

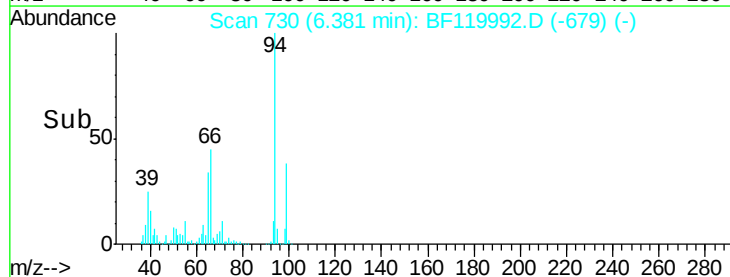
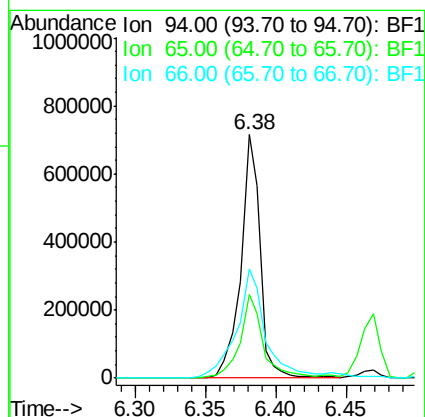
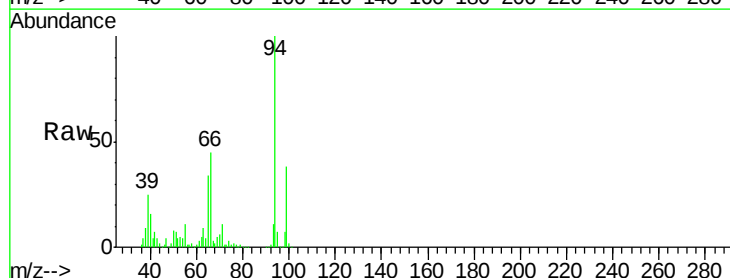
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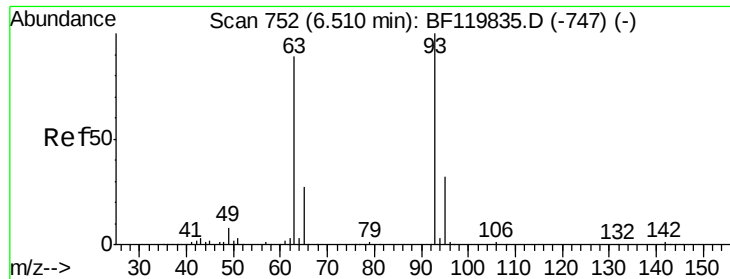
Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	94	Resp:	680367
Ion	Ratio	Lower	Upper
94	100		
65	34.3	16.6	56.6
66	44.7	29.3	69.3





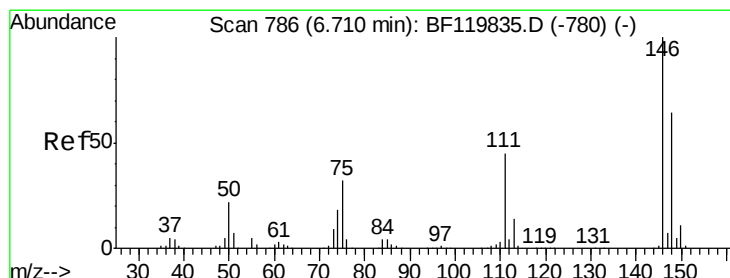
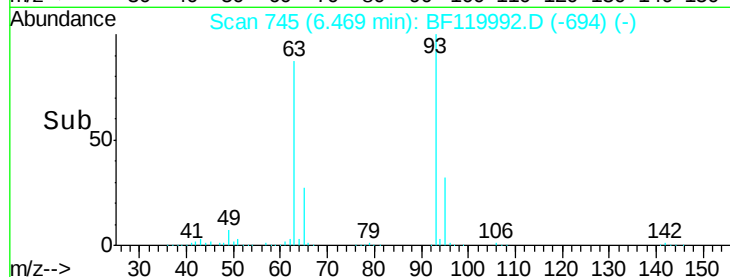
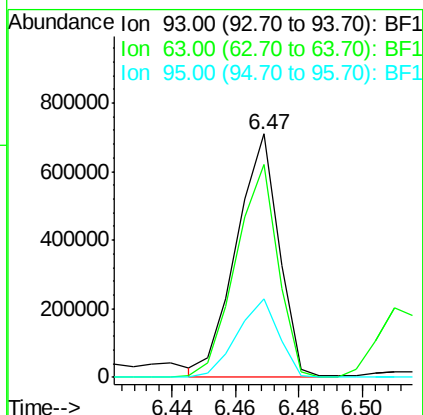
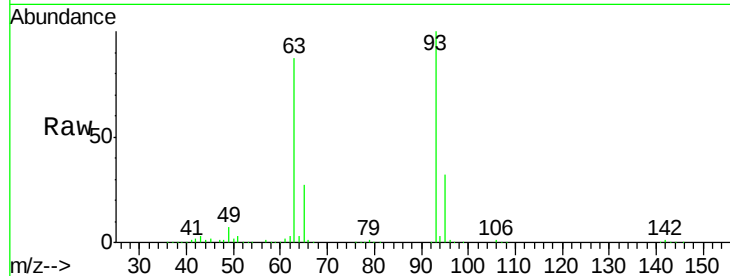
#11
bis(2-Chloroethyl)ether
Concen: 57.381 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	93	Resp	659701
Ion Ratio	100	Lower	Upper
93	100		
63	87.4	69.1	109.1
95	32.3	12.3	52.3

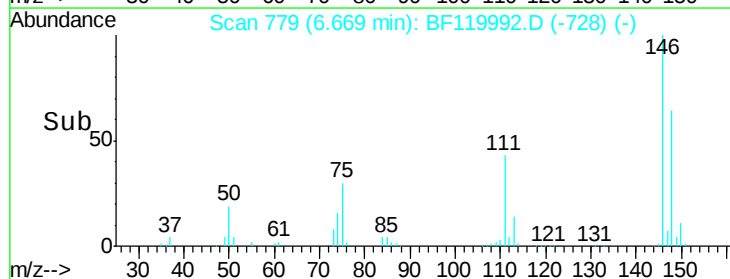
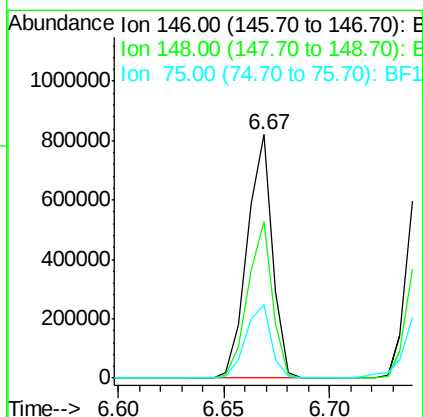
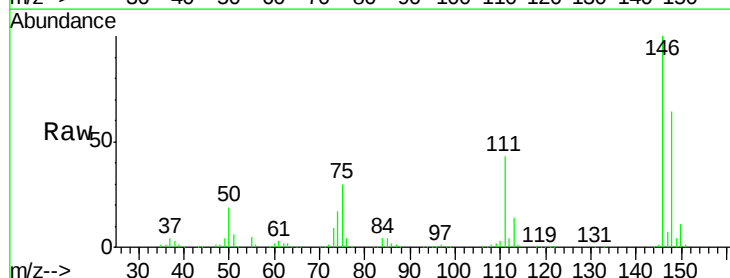
Manual Integrations
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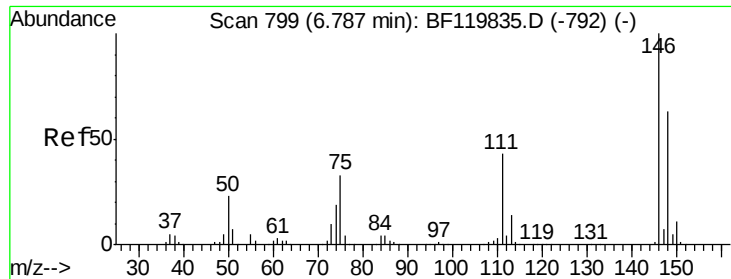
mohammad
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#12
1,3-Dichlorobenzene
Concen: 54.271 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	146	Resp	676192
Ion Ratio	100	Lower	Upper
146	100		
148	64.4	51.3	76.9
75	29.9	25.3	37.9





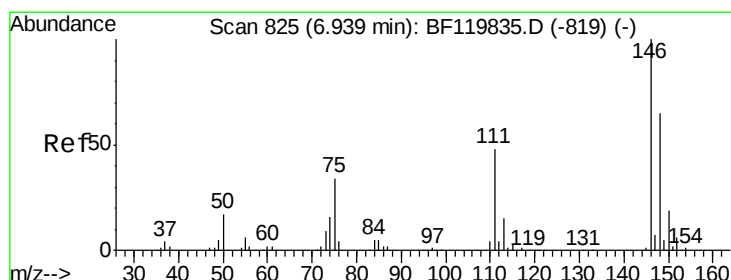
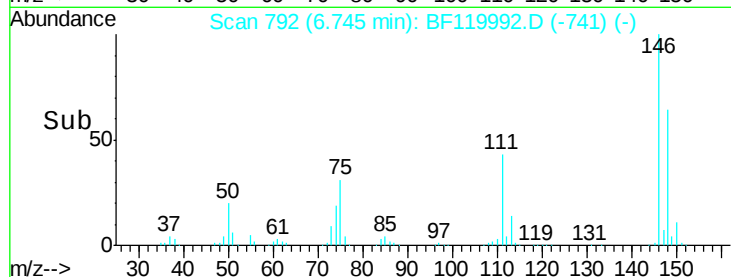
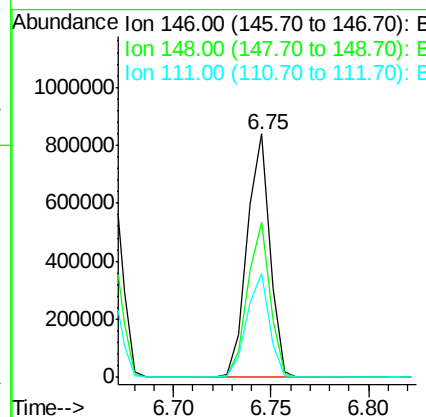
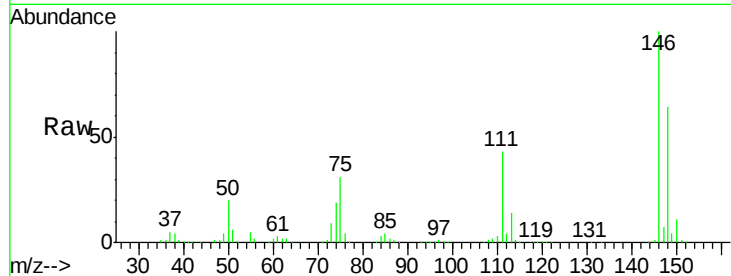
#13
 1,4-Dichlorobenzene
 Concen: 53.321 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
111	42.6	34.7	52.1

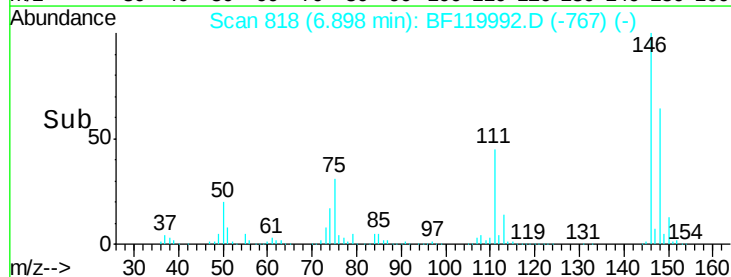
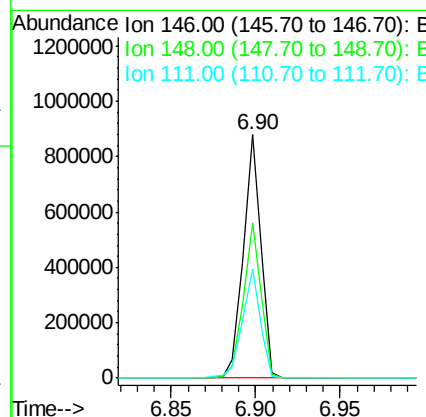
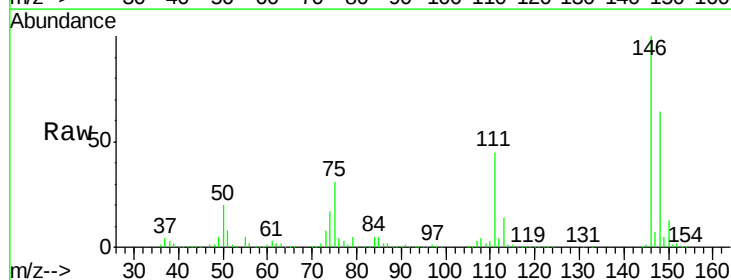
Manual Integrations
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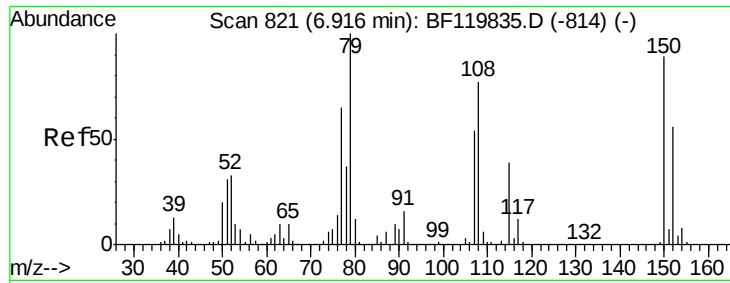
mohammad
 4/16/2020 12:52:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 54.016 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
111	44.9	38.0	57.0





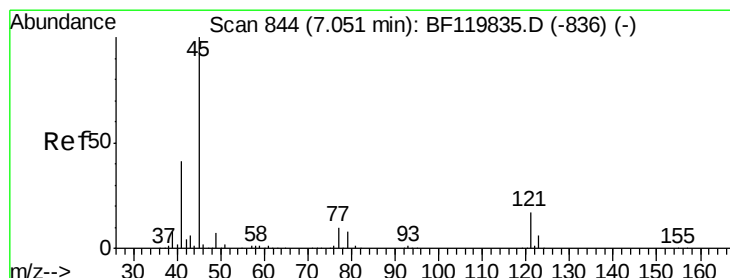
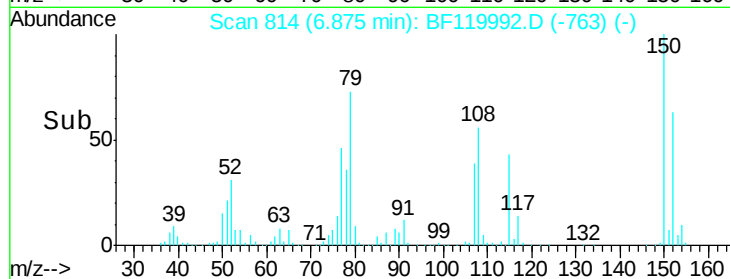
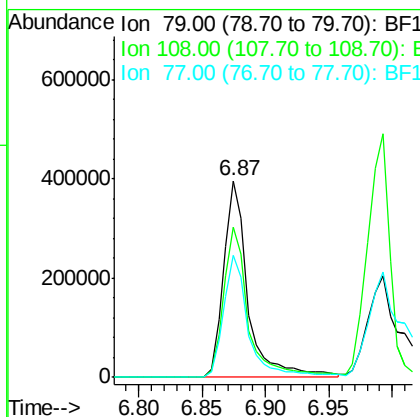
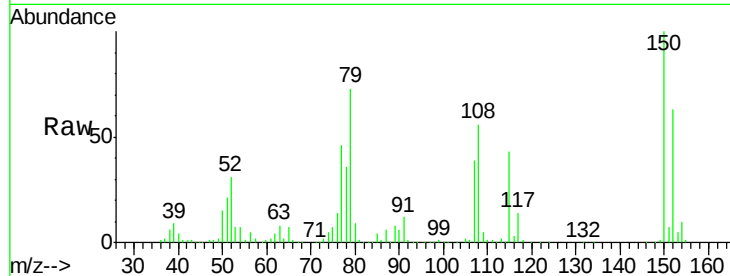
#15
Benzyl Alcohol
Concen: 51.995 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	62.0	93.0
77	62.2	51.8	77.6

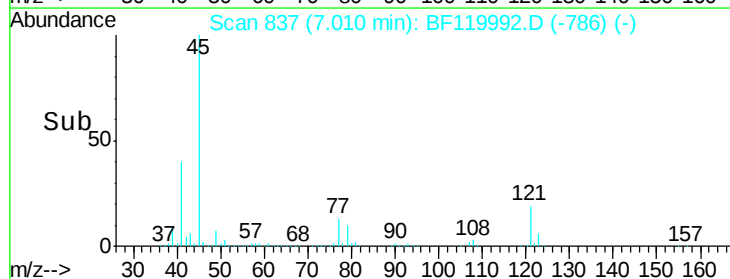
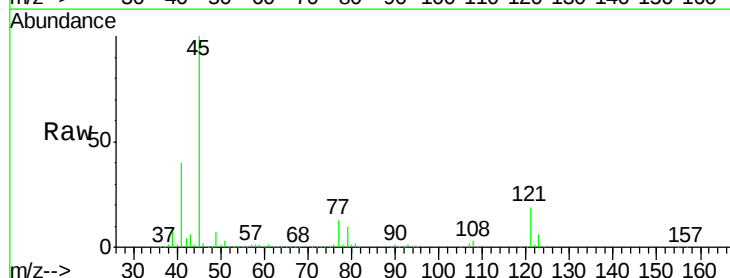
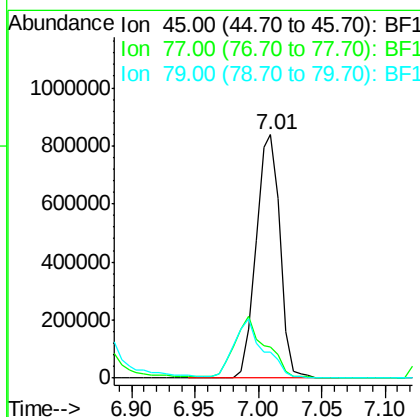
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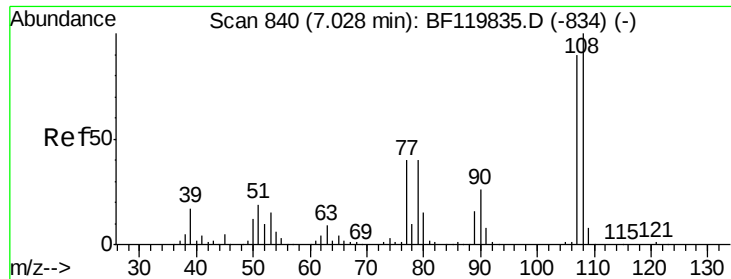
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.451 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.7
79	10.5	0.0	28.6





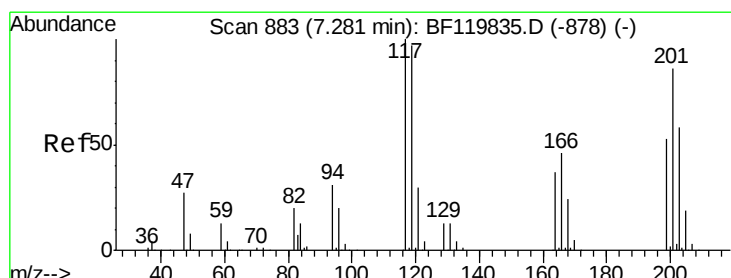
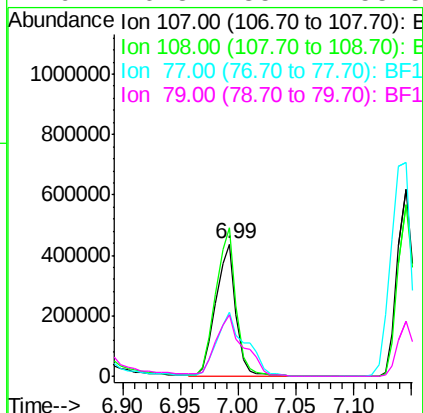
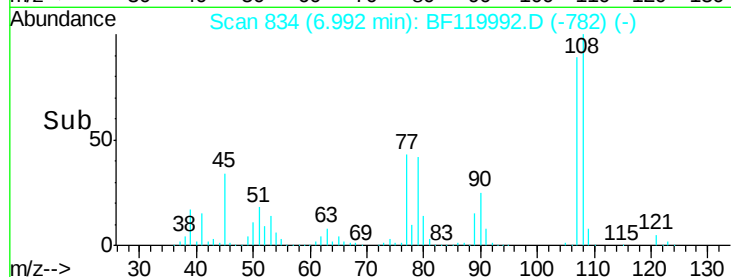
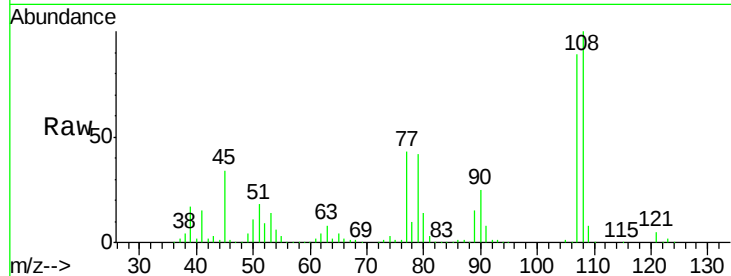
#17
2-Methylphenol
Concen: 51.993 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	88.8	133.2
77	48.7	36.0	54.0
79	46.8	35.7	53.5

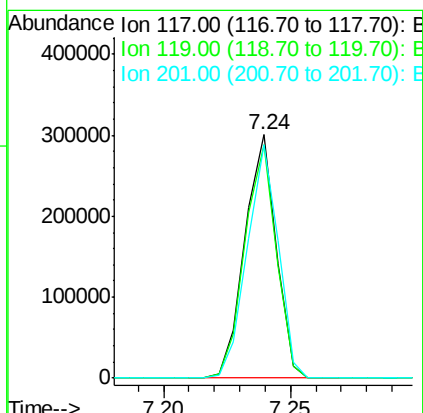
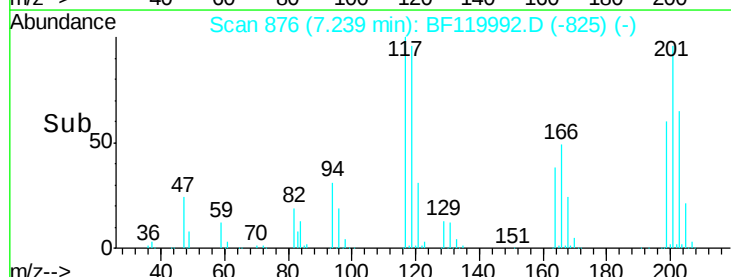
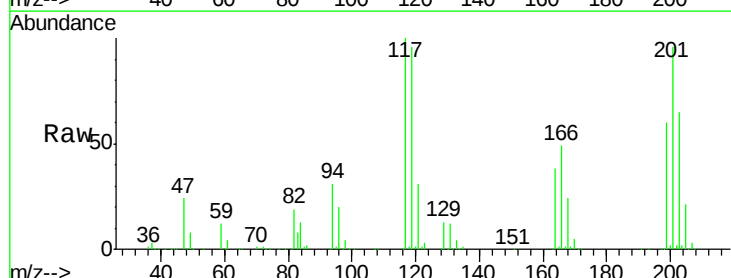
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#18
Hexachloroethane
Concen: 54.392 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	96.0	68.4	102.6





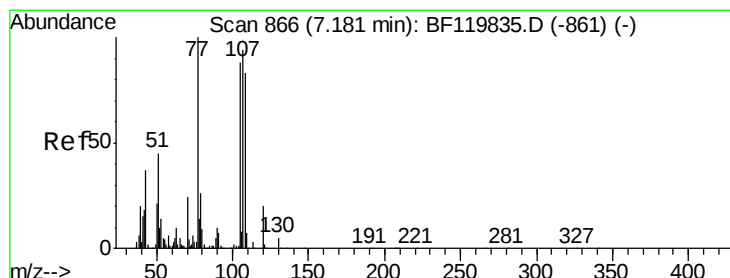
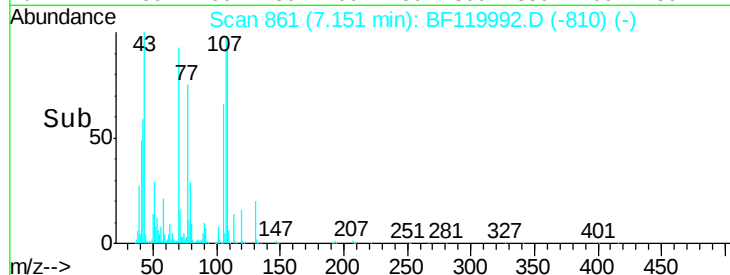
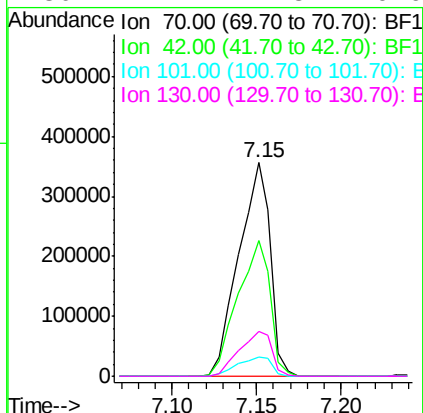
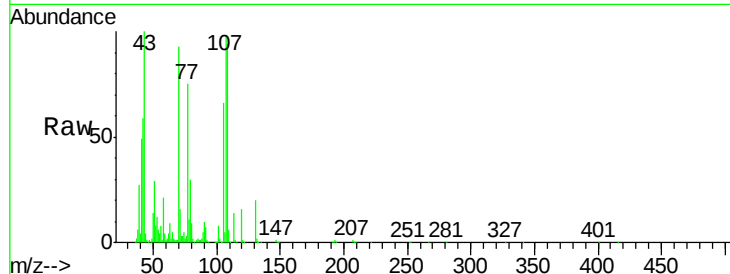
#19
n-Nitroso-di-n-propylamine
Concen: 54.873 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.5	54.2	81.4	
101	9.0	7.4	11.2	
130	21.2	17.8	26.6	

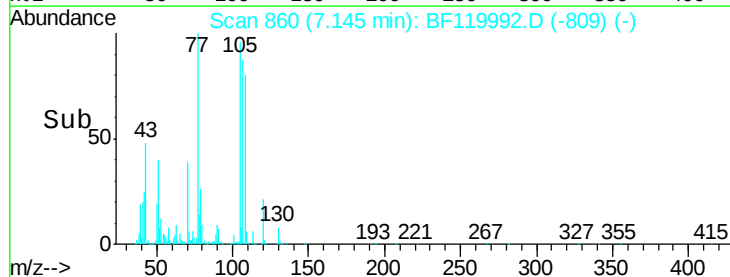
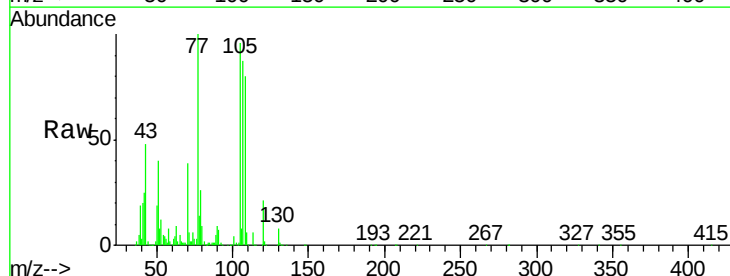
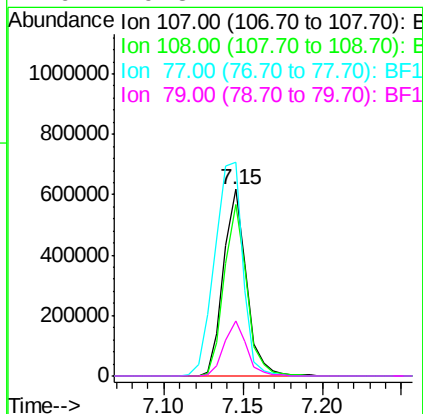
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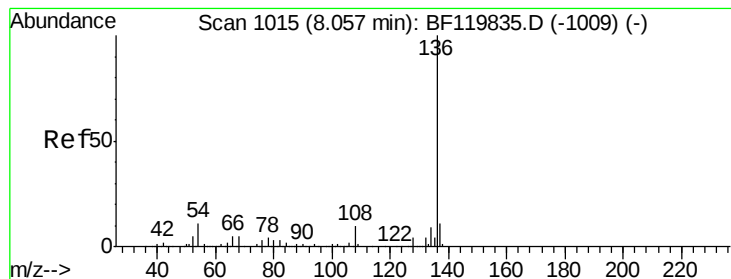
mohammad
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#20
3+4-Methylphenols
Concen: 49.754 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	68.2	108.2	
77	114.5	86.6	126.6	
79	29.8	7.7	47.7	





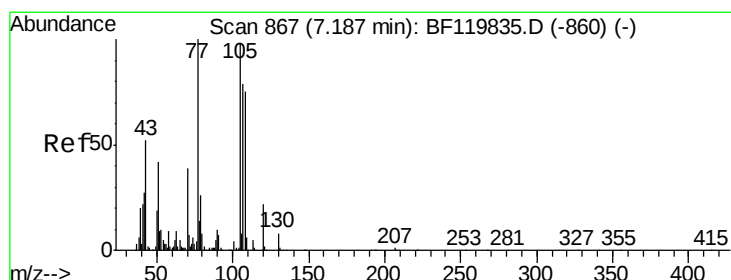
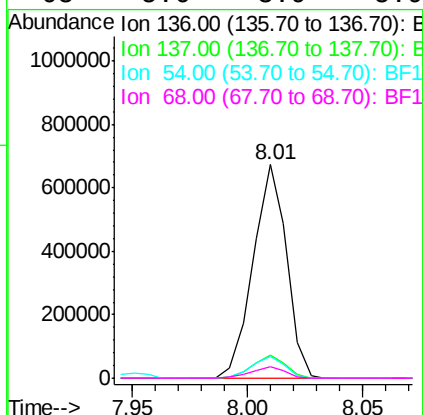
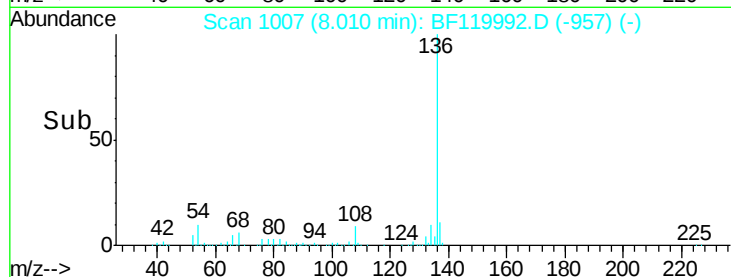
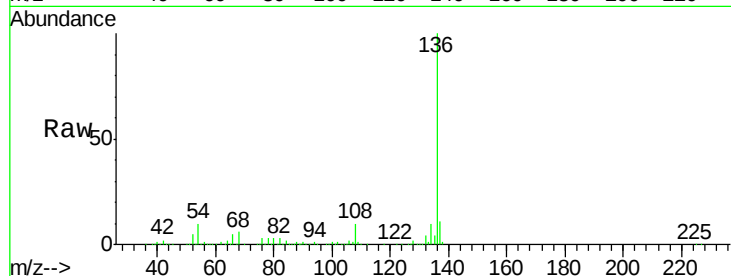
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	680426		
137	10.7		8.7	13.1
54	9.9		8.5	12.7
68	5.6		3.9	5.9

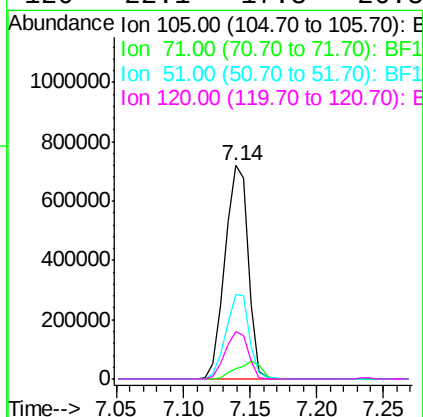
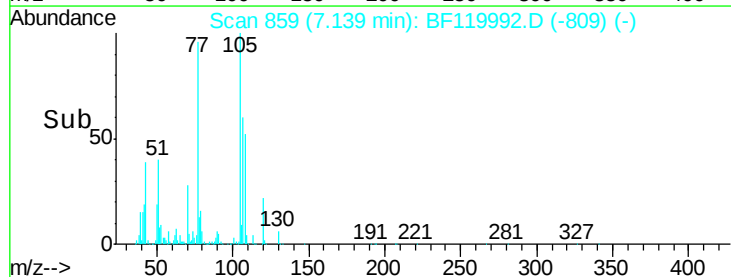
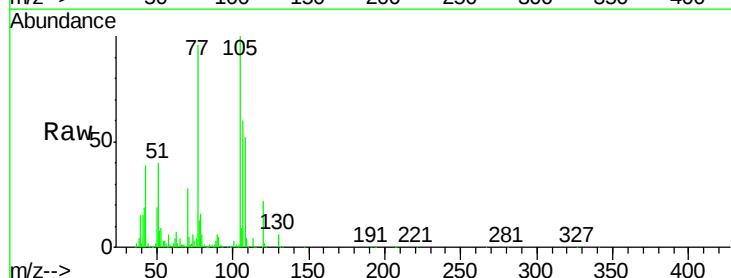
Manual Integrations
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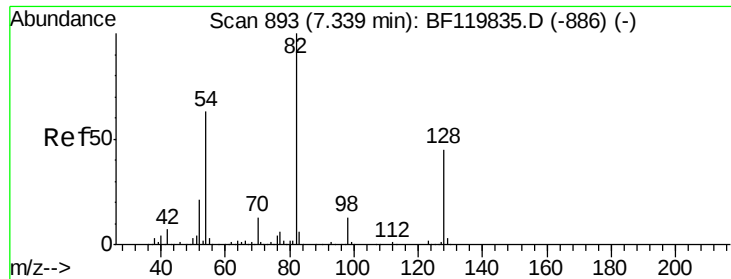
mohammad
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#22
Acetophenone
Concen: 55.808 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	889207		
71	5.0		5.6	8.4#
51	39.7		33.9	50.9
120	22.1		17.8	26.8





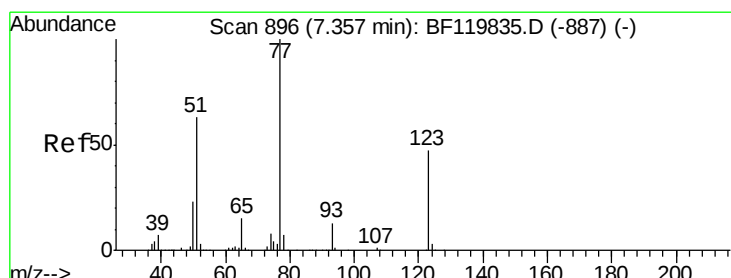
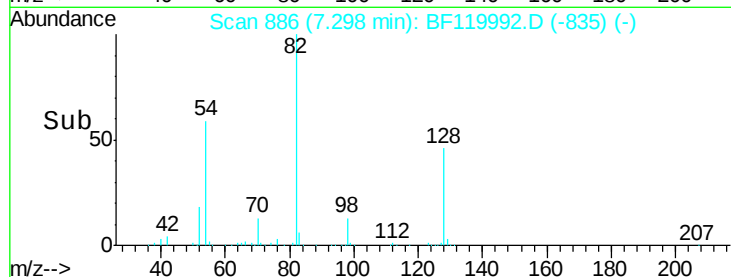
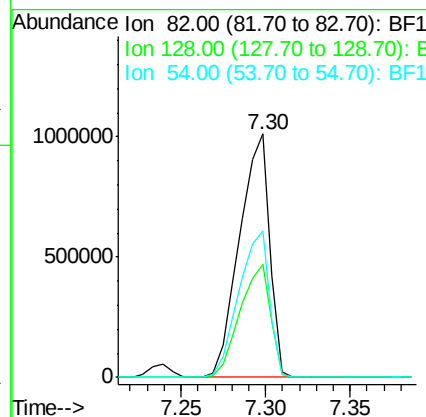
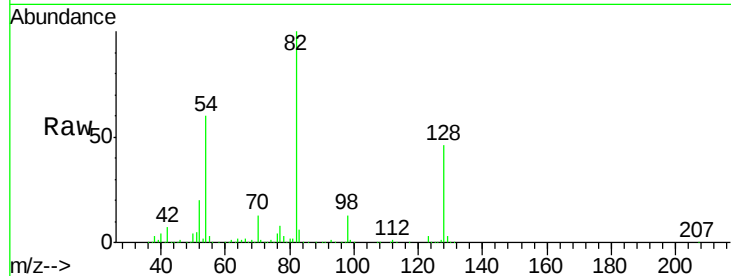
#23
Nitrobenzene-d5
Concen: 95.834 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion: 82 Resp: 1260462
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.4
54 60.1 50.4 75.6

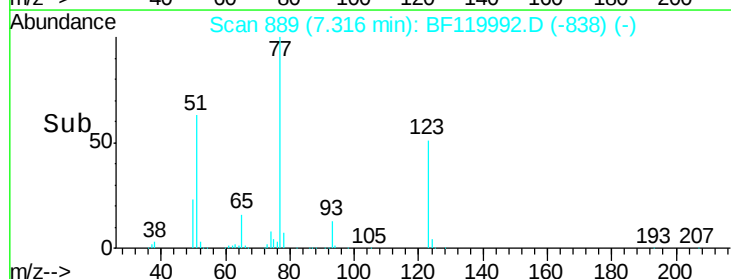
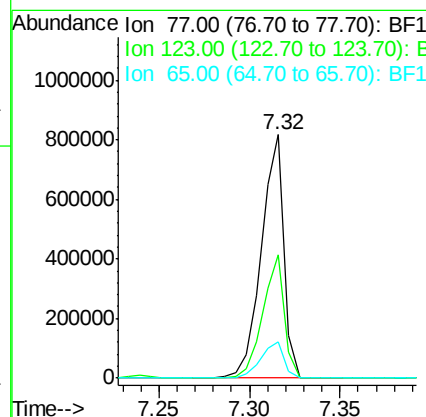
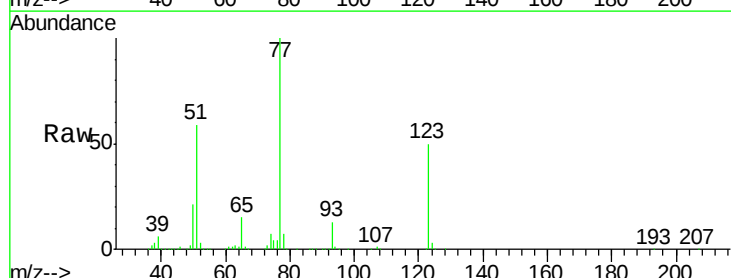
Manual Integrations
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#24
Nitrobenzene
Concen: 53.045 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion: 77 Resp: 701831
Ion Ratio Lower Upper
77 100
123 50.5 37.8 56.8
65 15.0 12.2 18.2





#25

Isophorone

Concen: 51.953 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MSD

Tot Ion: 82 Resp: 1317225

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

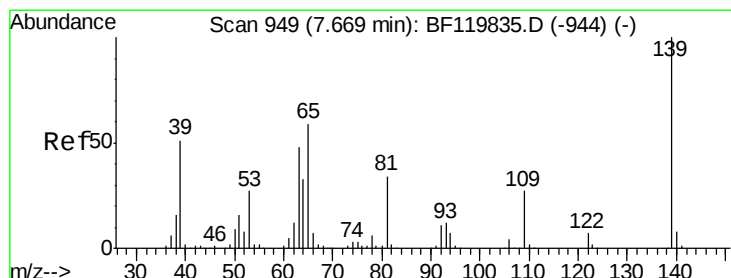
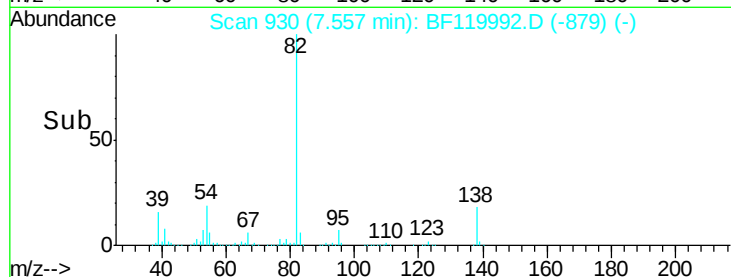
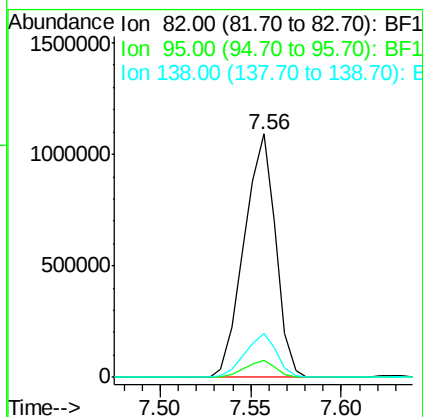
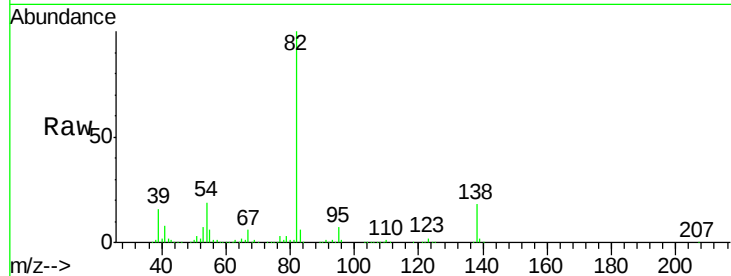
138 18.0 14.5 21.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 55.474 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

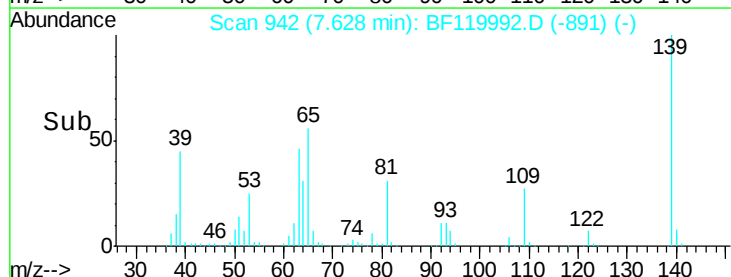
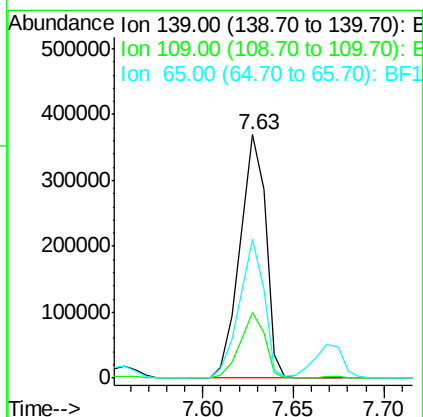
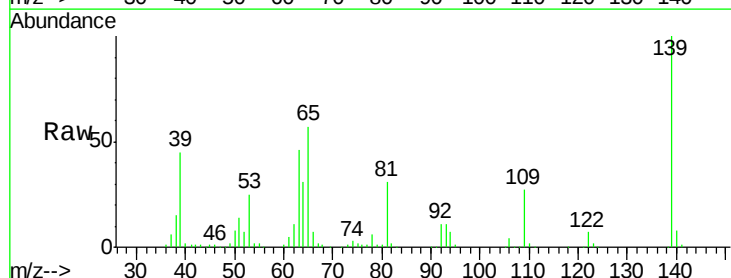
Tgt Ion: 139 Resp: 366691

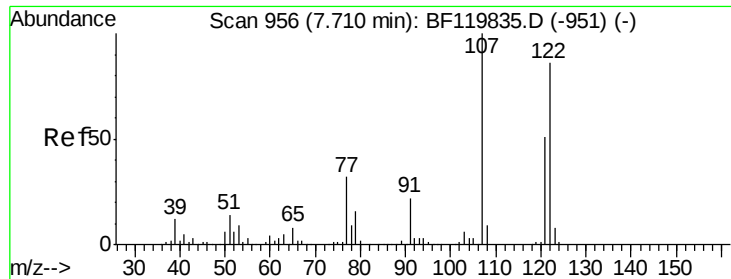
Ion Ratio Lower Upper

139 100

109 26.9 21.8 32.6

65 56.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 55.165 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

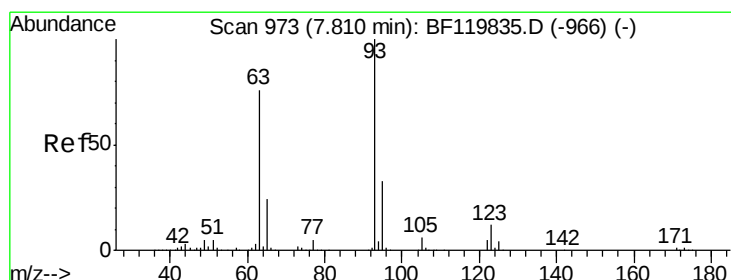
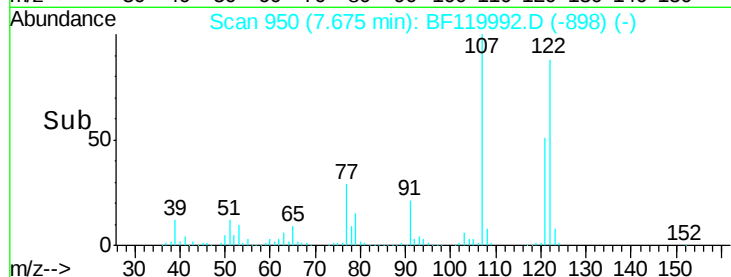
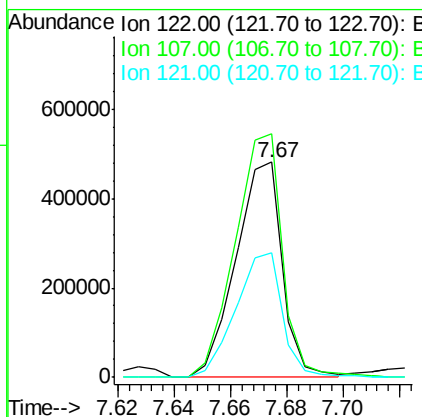
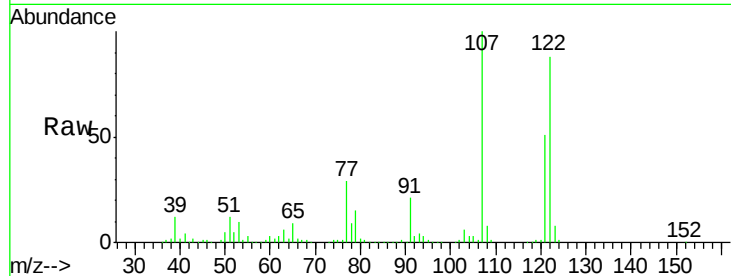
ClientSampleId :

CL-01-041020MSD

Tot Ion:	122	Resp:	549963
Ion Ratio	Lower	Upper	
122	100		
107	113.2	92.3	138.5
121	57.9	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 56.082 ng

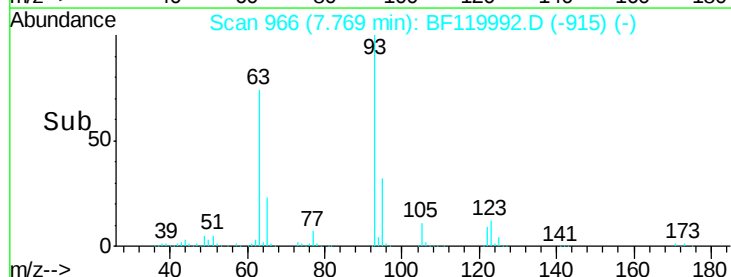
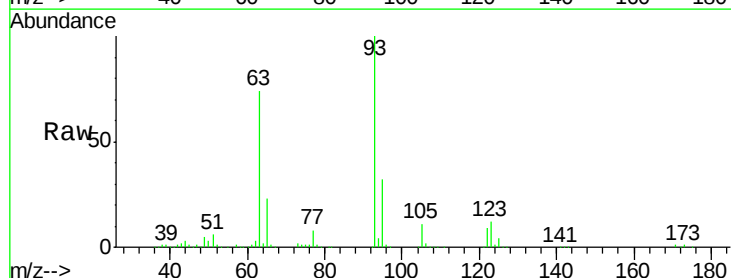
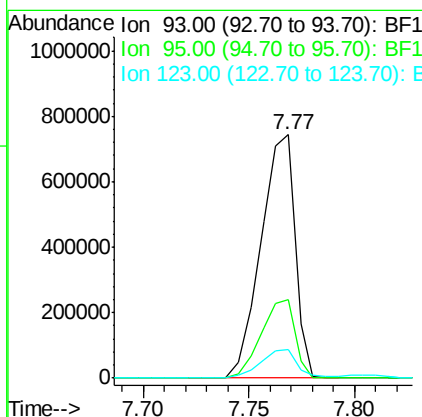
RT: 7.77 min Scan# 966

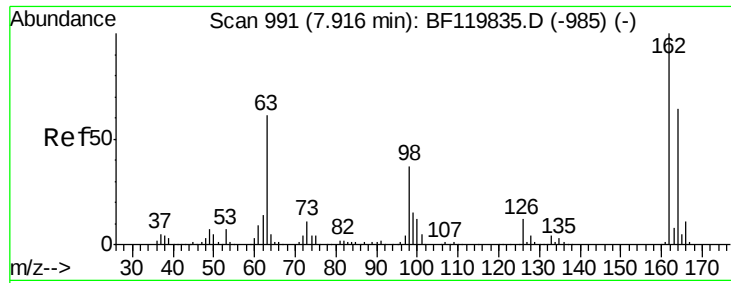
Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	93	Resp:	836711
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	11.9	9.7	14.5





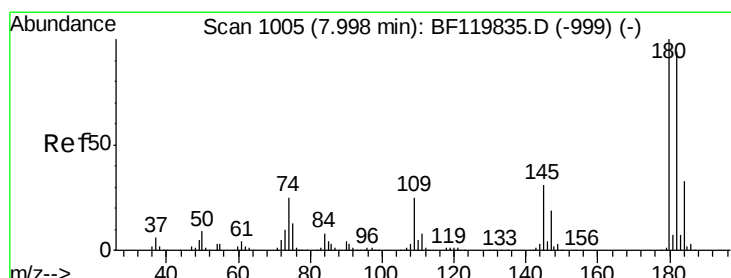
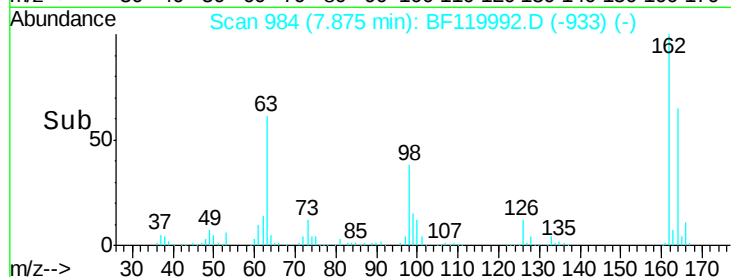
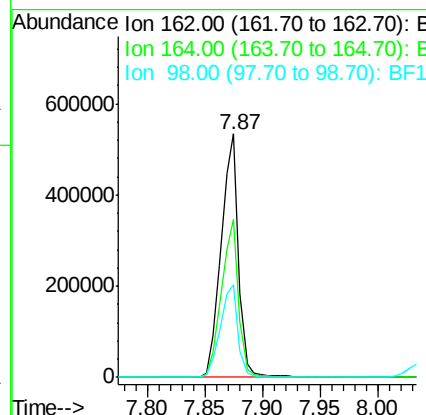
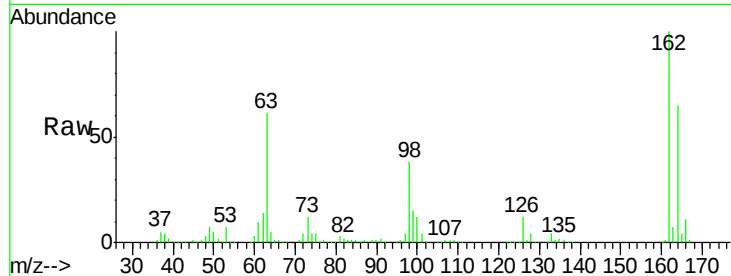
#29
2,4-Dichlorophenol
Concen: 54.310 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion:	162	Resp:	554985
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.4	84.4
98	37.9	17.3	57.3

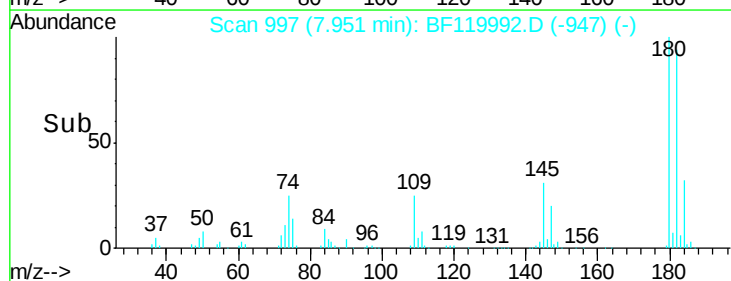
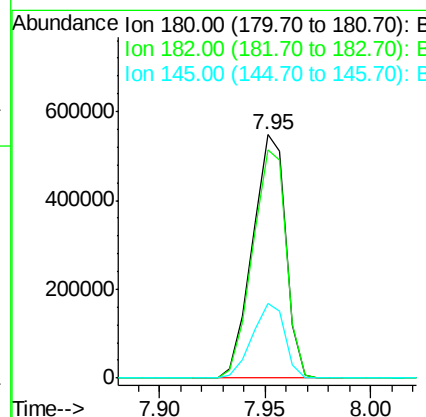
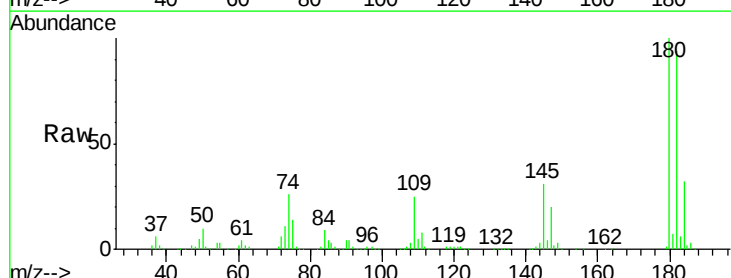
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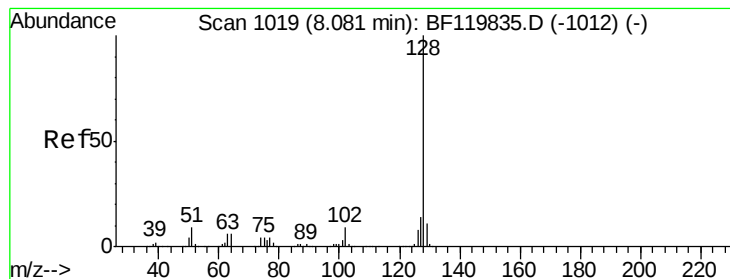
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 51.681 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion:	180	Resp:	598398
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.4	113.0
145	30.8	24.6	37.0





#31

Naphthalene

Concen: 53.028 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MSD

Tot Ion:128 Resp: 1898343

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

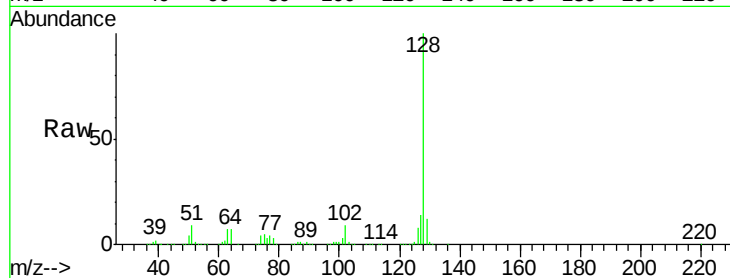
127 14.1 11.0 16.4

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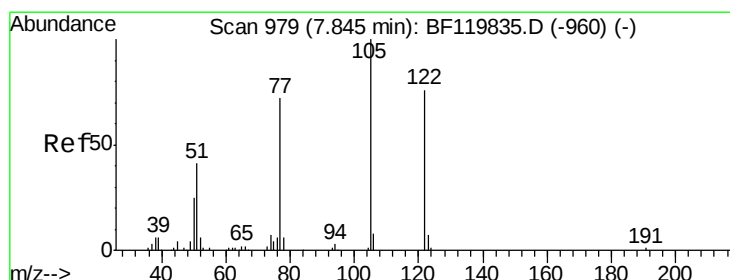
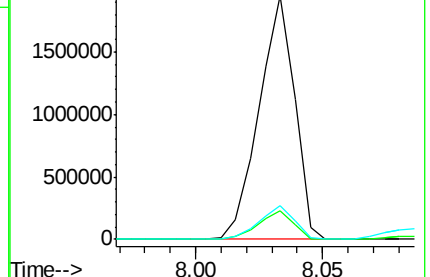
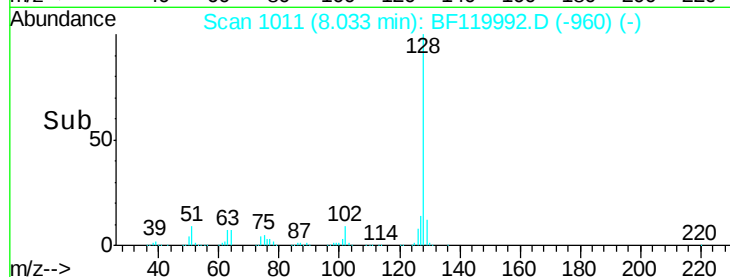


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



#32

Benzoic acid

Concen: 48.462 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

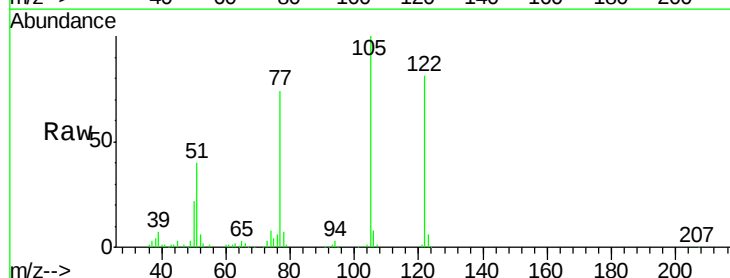
Tgt Ion:122 Resp: 424313

Ion Ratio Lower Upper

122 100

105 124.2 106.7 146.7

77 91.3 72.1 112.1

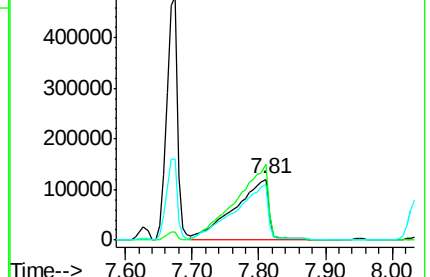
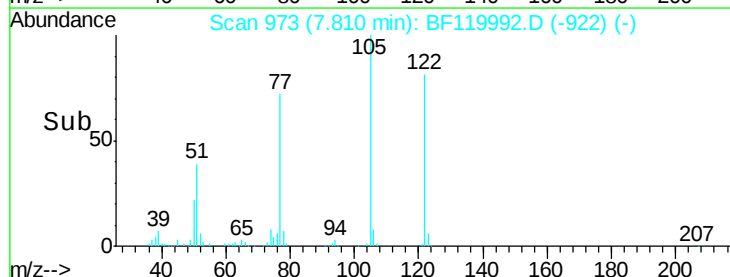


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

Time-->





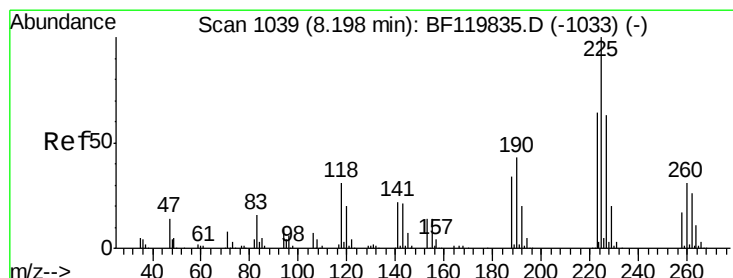
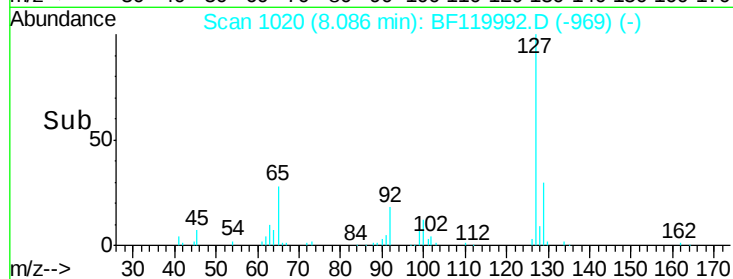
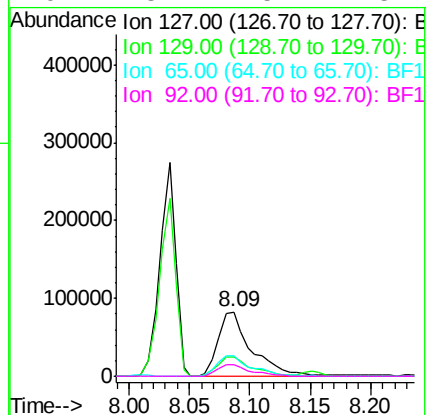
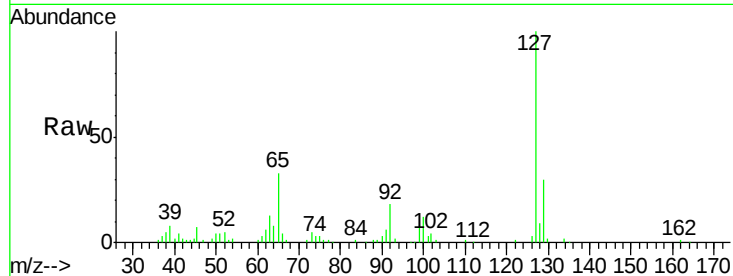
#33
4-Chloroaniline
Concen: 9.929 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4		26.2	39.2	
65	32.8		28.3	42.5	
92	18.1		15.4	23.2	

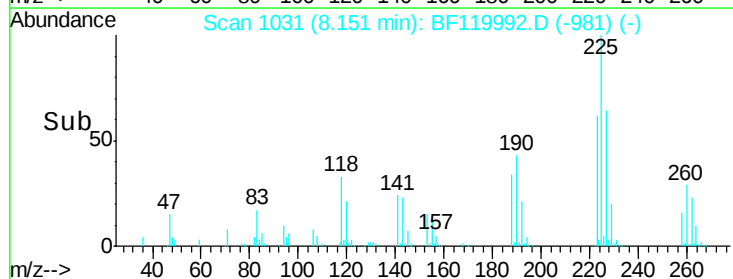
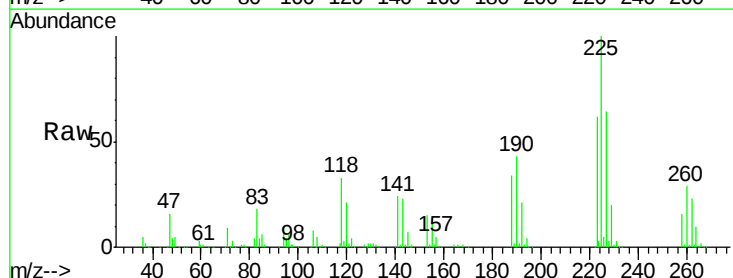
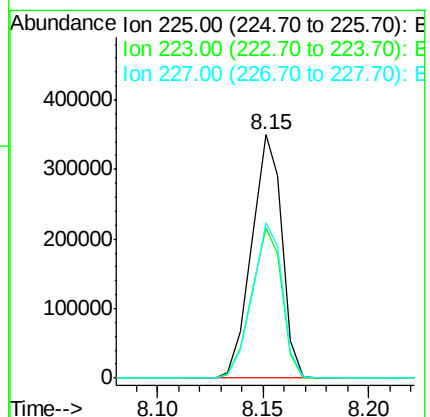
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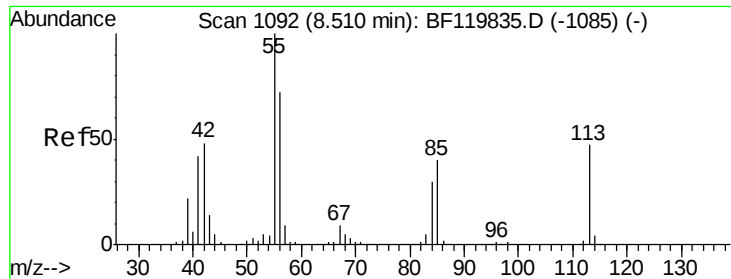
mohammad
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#34
Hexachlorobutadiene
Concen: 50.087 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7		51.0	76.6	
227	63.7		50.4	75.6	





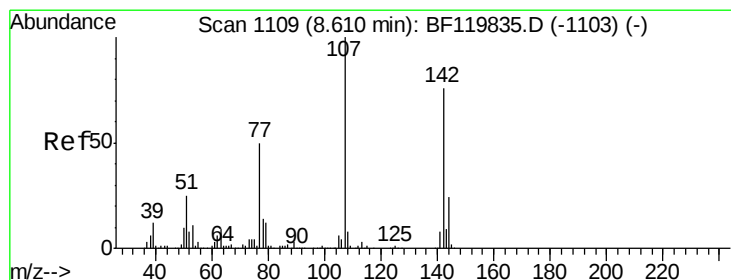
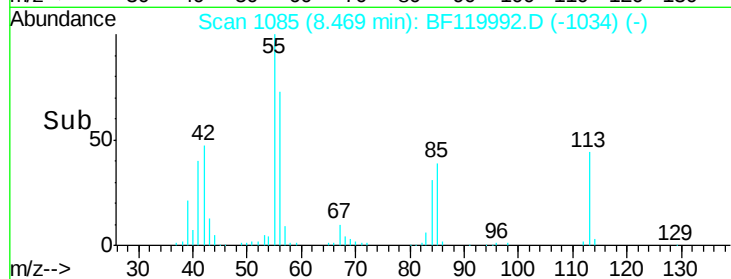
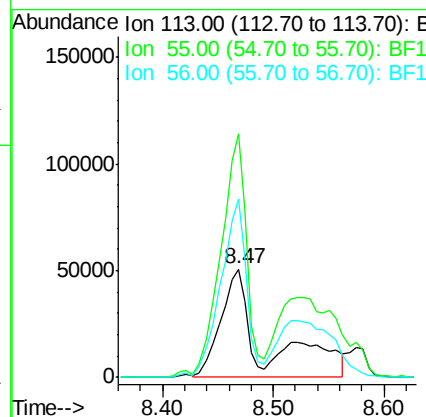
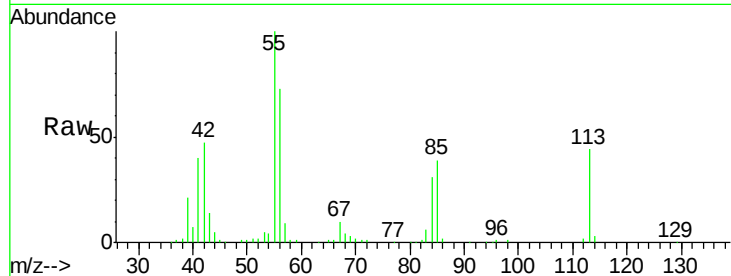
#35
Caprolactam
Concen: 44.619 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampled :
CL-01-041020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	225.4	192.7	232.7		
56	165.0	133.3	173.3		

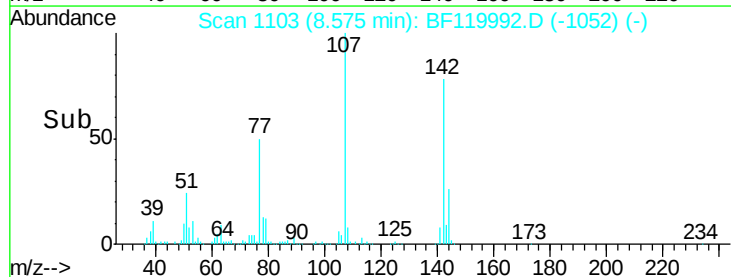
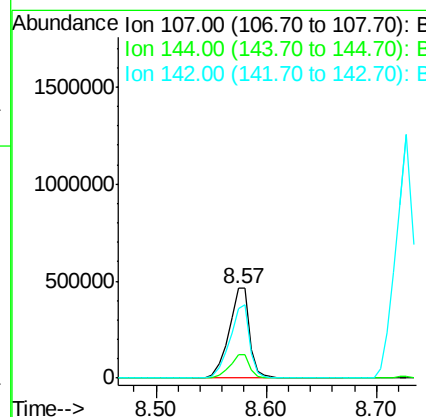
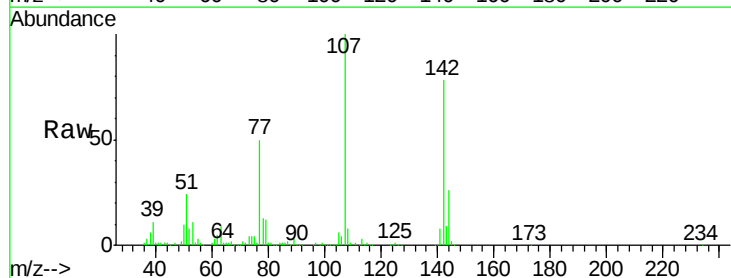
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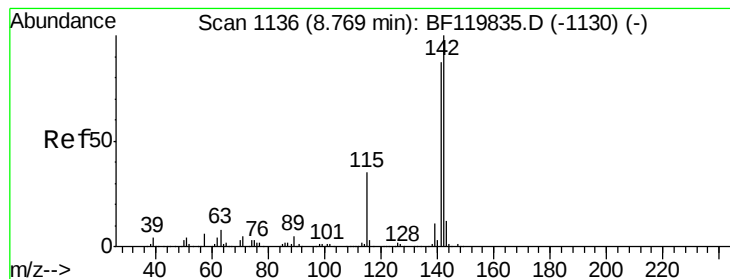
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 54.673 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	19.5	29.3		
142	77.8	60.5	90.7		





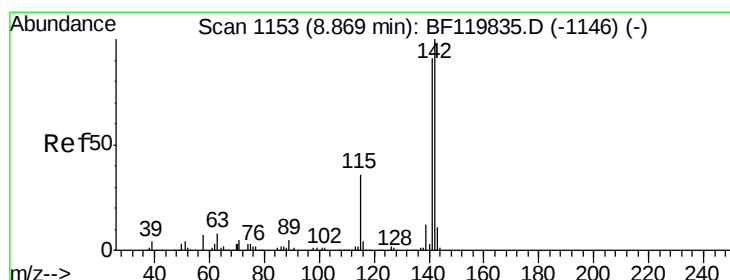
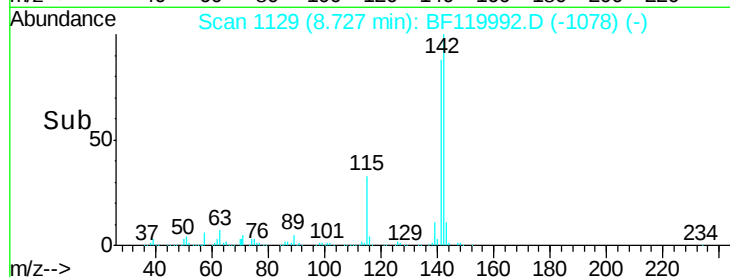
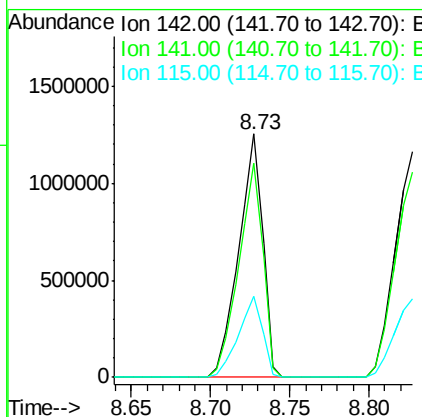
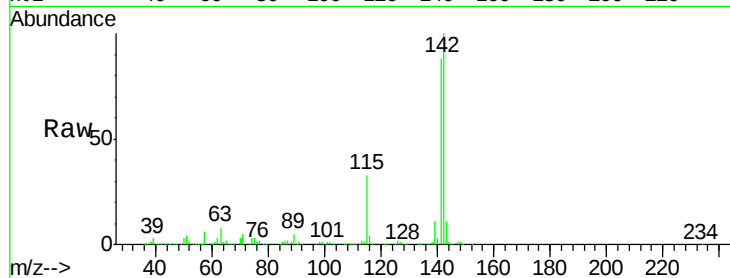
#37
2-Methylnaphthalene
Concen: 54.129 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion:142 Resp: 1313763
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9
115 33.1 28.0 42.0

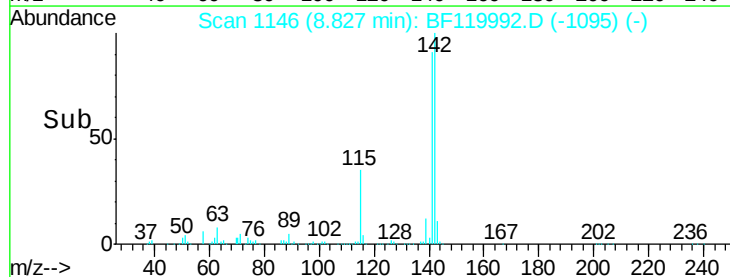
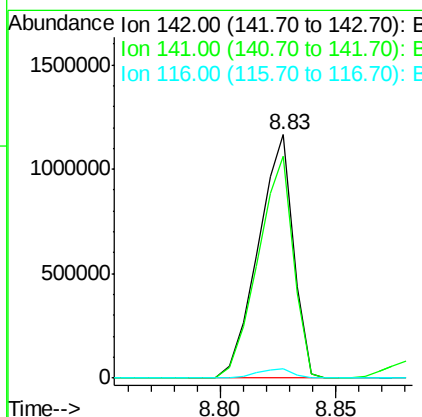
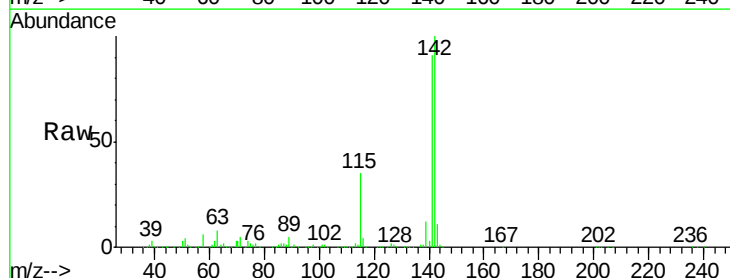
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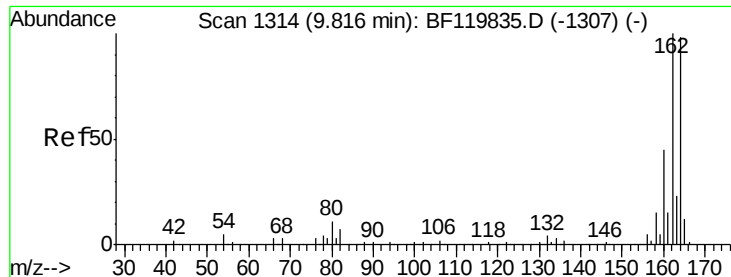
mohammad
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#38
1-Methylnaphthalene
Concen: 54.054 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion:142 Resp: 1236549
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: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

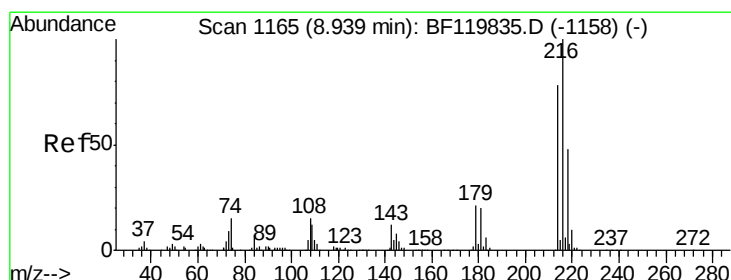
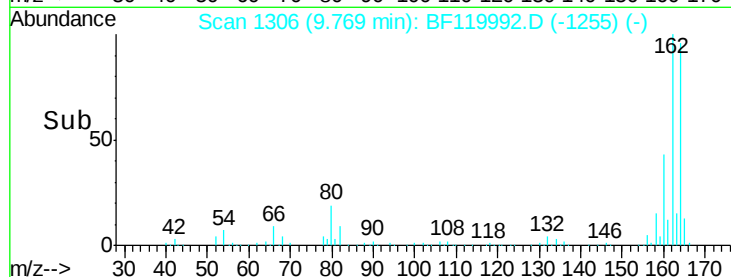
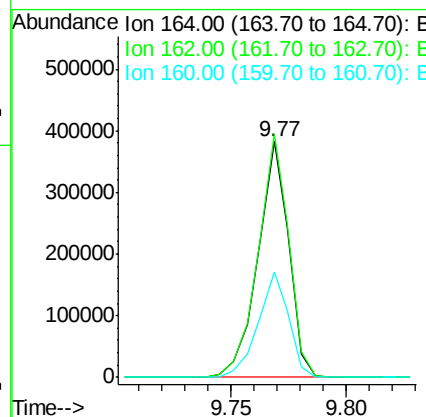
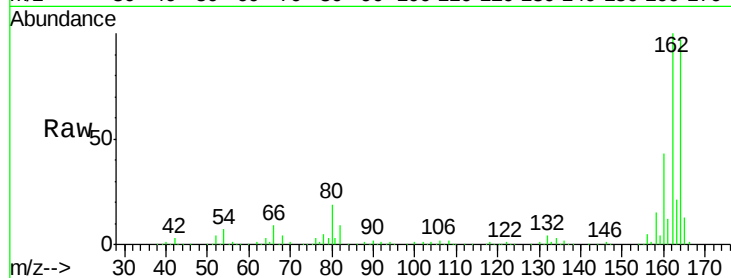
ClientSampleId :

CL-01-041020MSD

Tot Ion:	164	Resp:	355026
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.9	122.9
160	44.8	36.6	54.8

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.191 ng

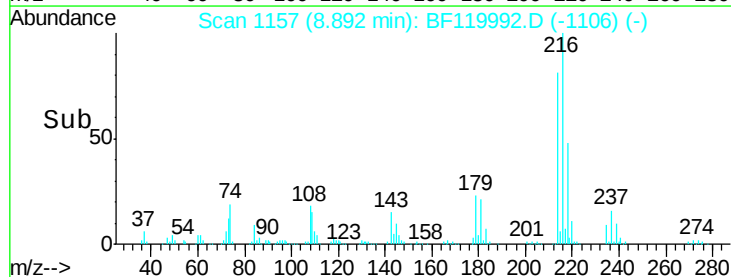
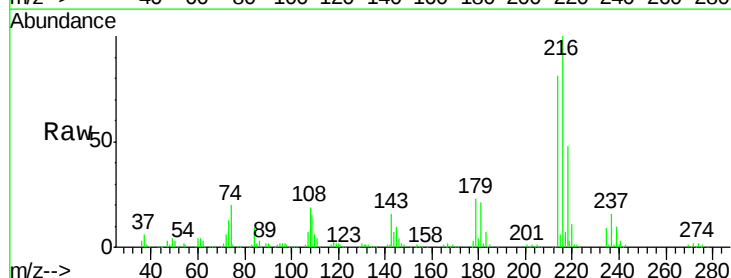
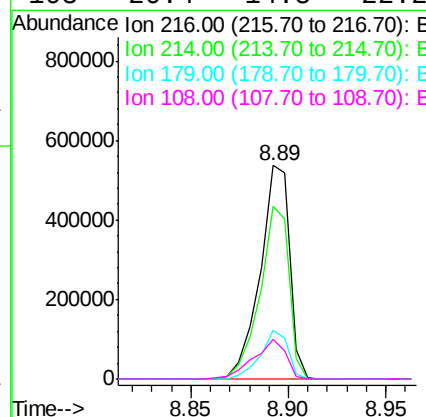
RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	216	Resp:	562805
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.1	94.7
179	21.4	17.0	25.4
108	20.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 106.148 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

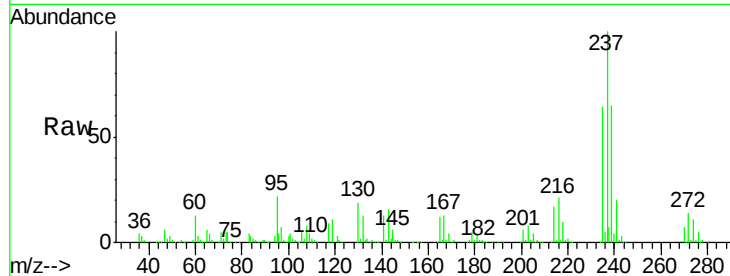
ClientSampleId :

CL-01-041020MSD

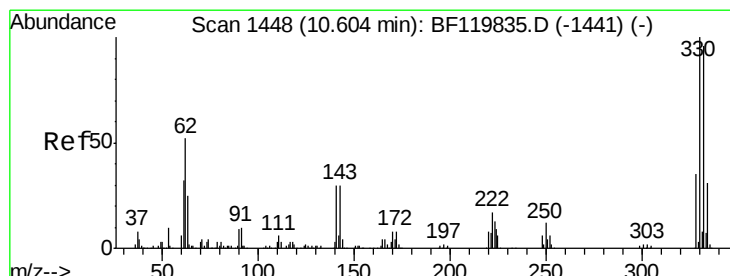
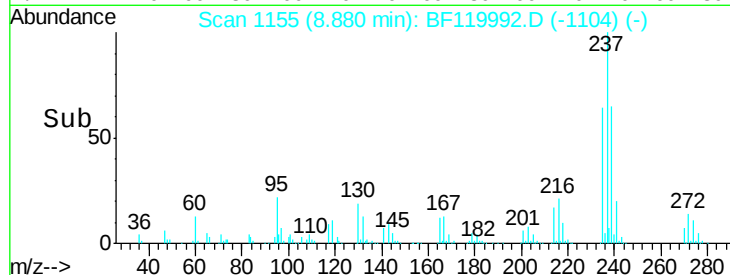
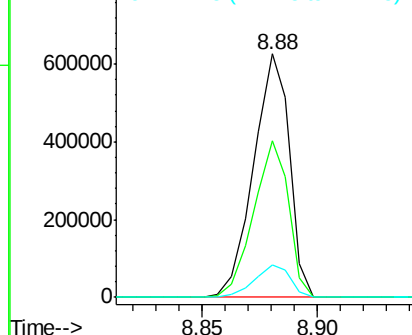
Tot Ion:	237	Resp:	676829
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.9	84.9
272	13.5	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 127.481 ng

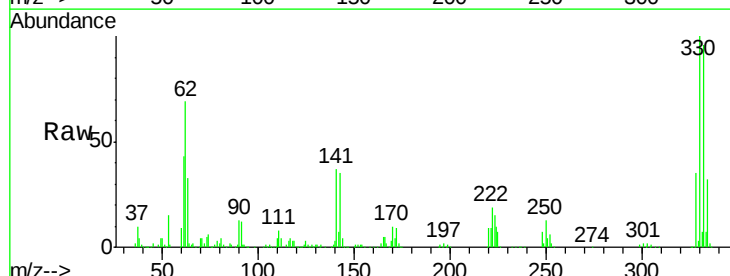
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

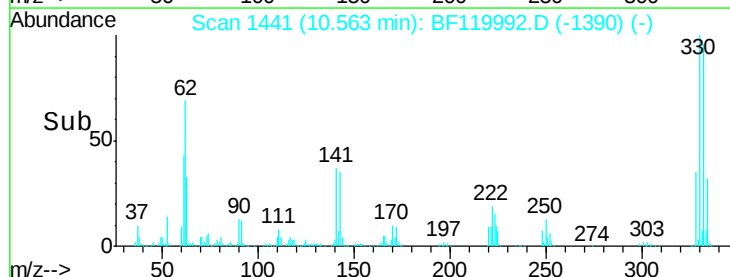
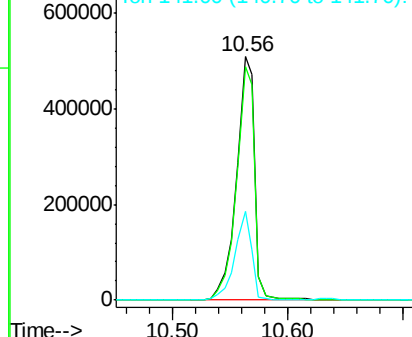
Lab File: BF119992.D

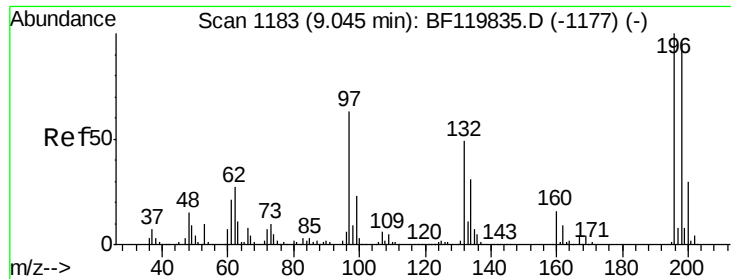
Acq: 15 Apr 2020 14:35

Tgt Ion:	330	Resp:	554123
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.8	115.2
141	33.9	25.1	37.7



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





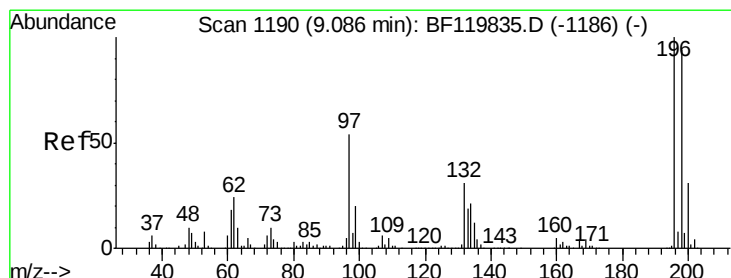
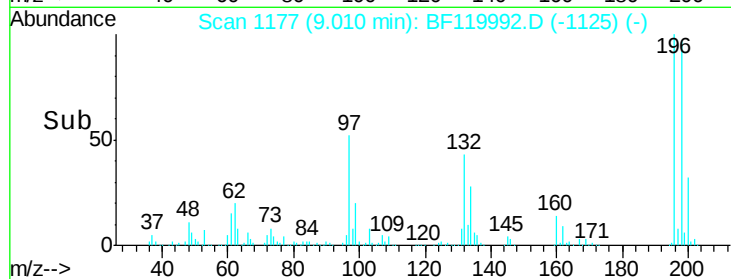
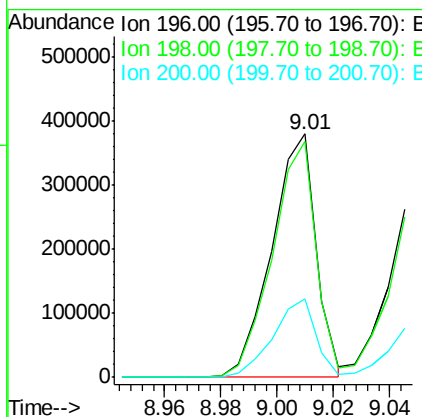
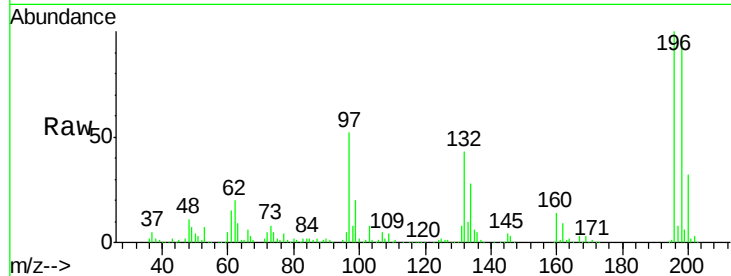
#43
 2,4,6-Trichlorophenol
 Concen: 53.200 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion:	196	Resp:	411938
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.6	115.0
200	32.4	24.2	36.2

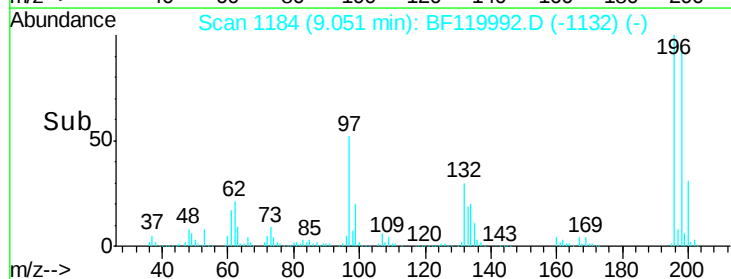
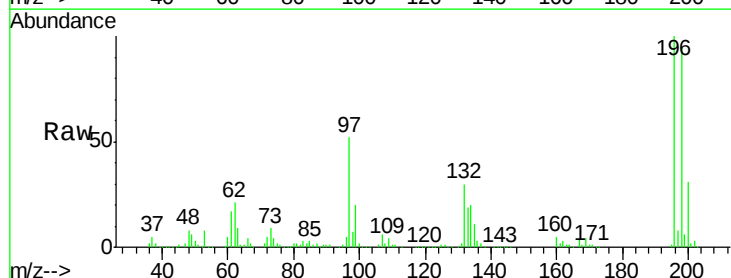
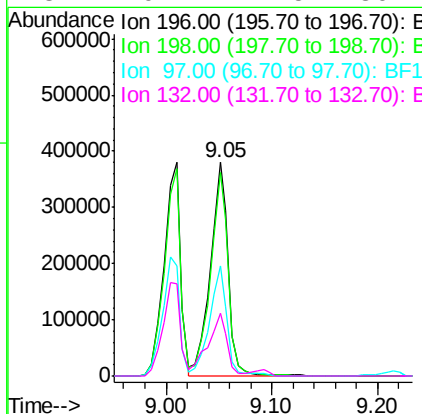
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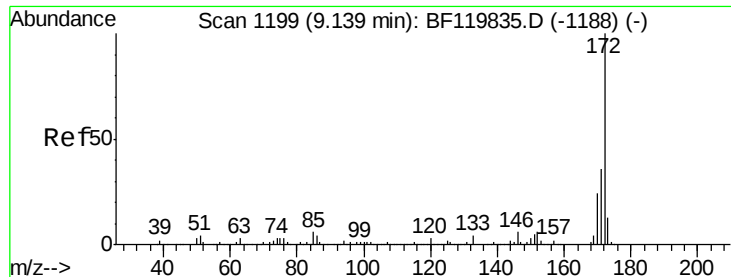
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 51.857 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:	196	Resp:	452252
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.1	112.7
97	51.6	43.4	65.2
132	29.7	24.5	36.7





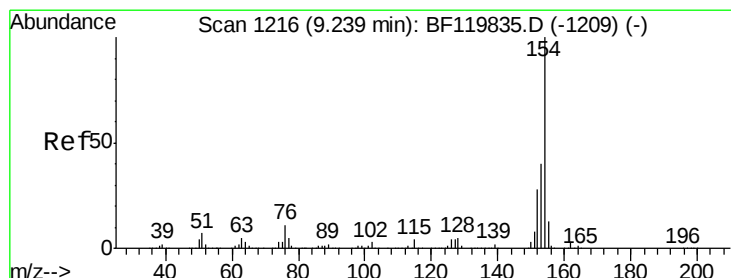
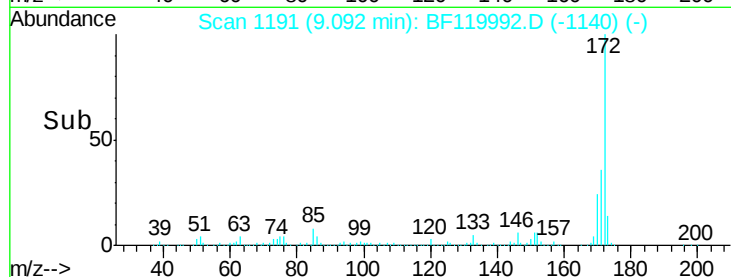
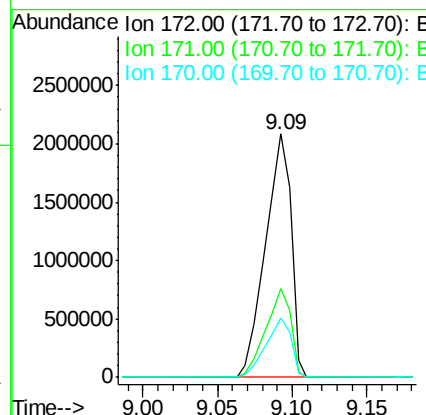
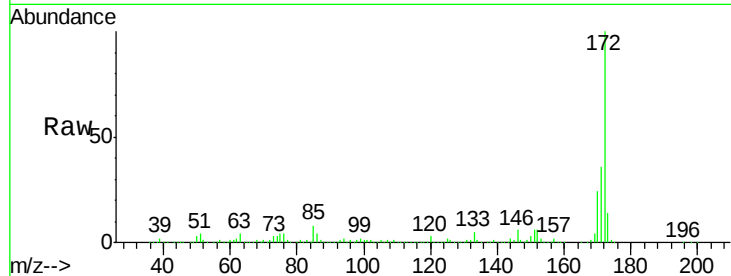
#45
2-Fluorobiphenyl
Concen: 98.036 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion:172 Resp: 2451443
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.3 19.4 29.2

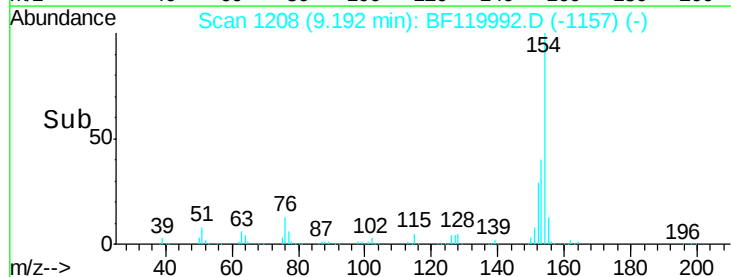
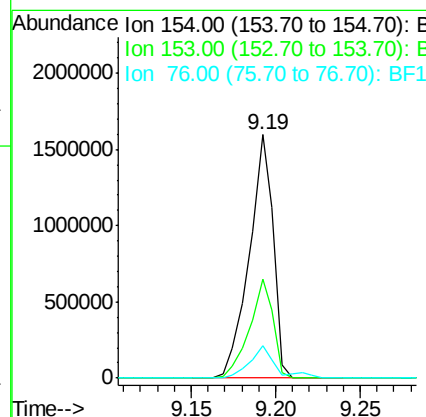
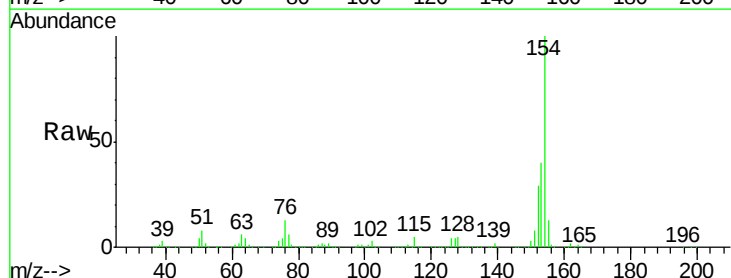
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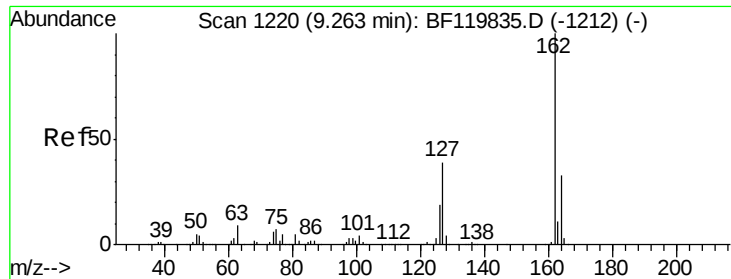
mohammad
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#46
1,1'-Biphenyl
Concen: 52.789 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion:154 Resp: 1581899
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 13.4 0.0 30.6





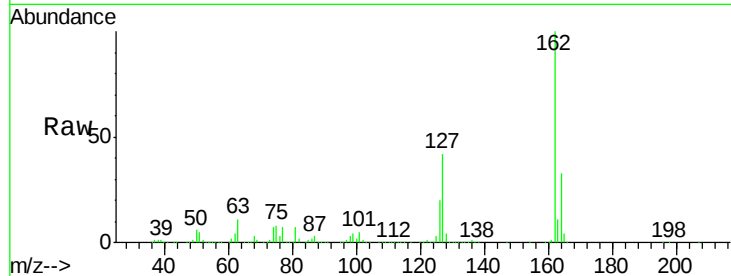
#47
2-Chloronaphthalene
Concen: 53.350 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	31.2	46.8
164	33.1	26.3	39.5

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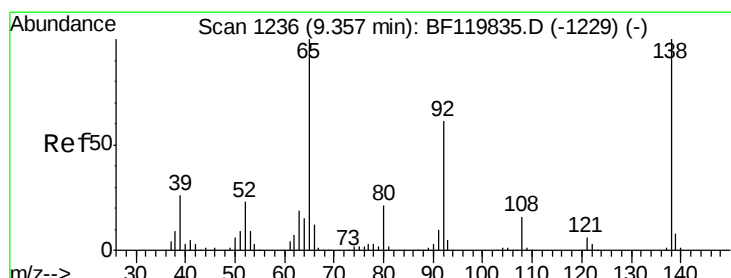
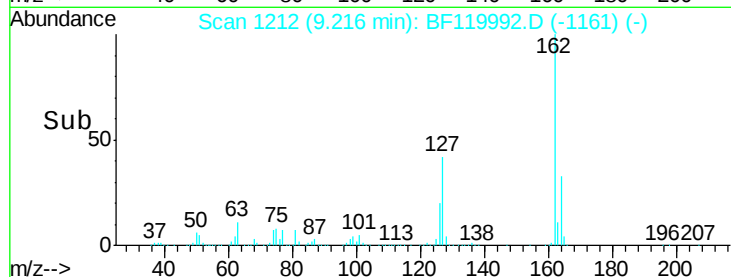
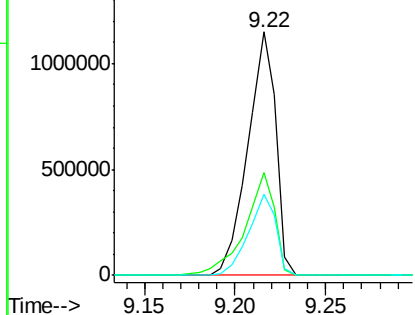


Abundance

Ion 162.00 (161.70 to 162.70): E

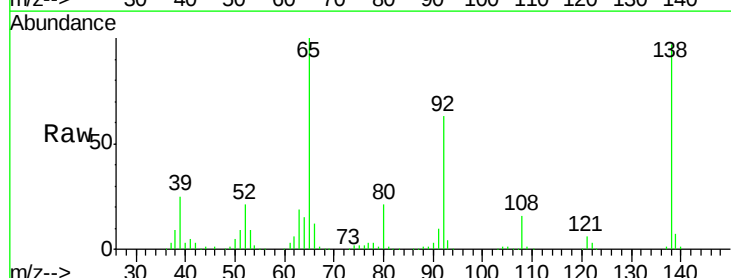
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 51.704 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.0	73.6
138	96.5	79.7	119.5

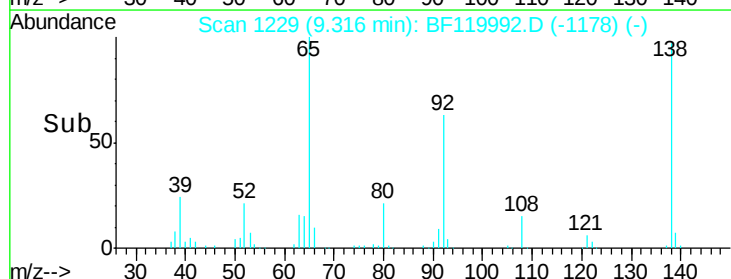
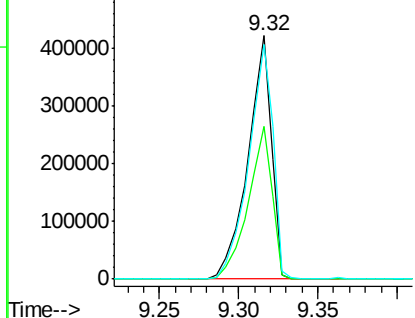


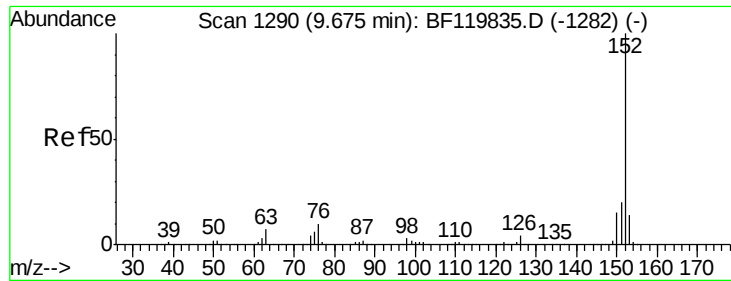
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.210 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

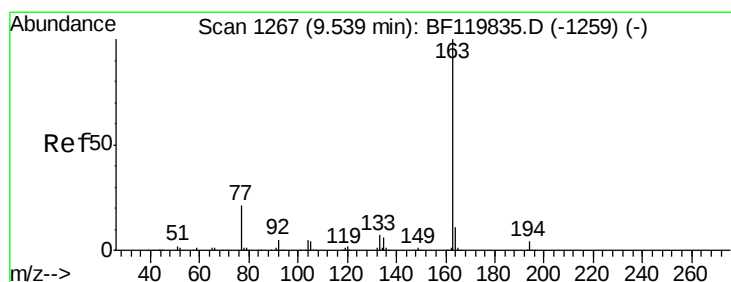
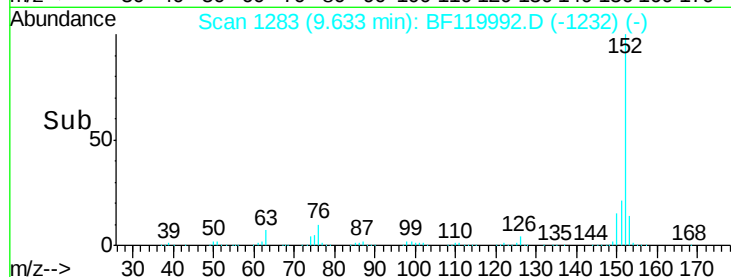
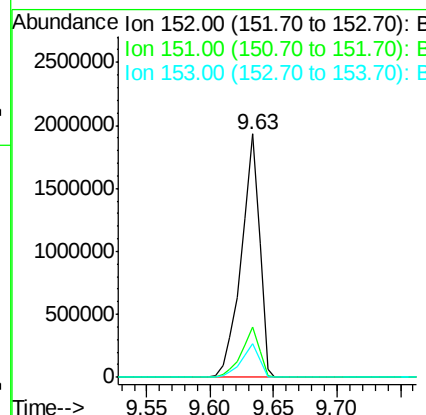
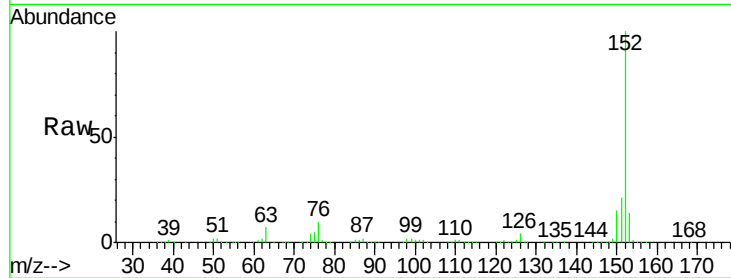
ClientSampleId :

CL-01-041020MSD

Tot Ion:	152	Resp:	1903153
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4
153	13.8	10.9	16.3

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#50

Dimethylphthalate

Concen: 53.342 ng

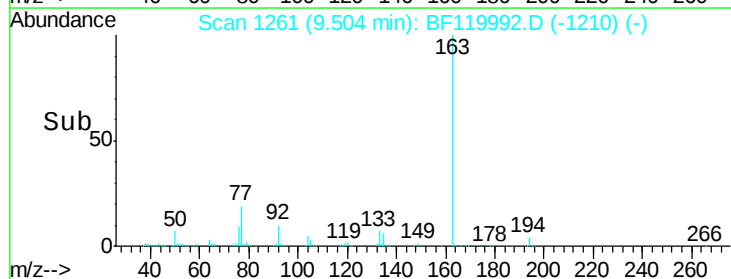
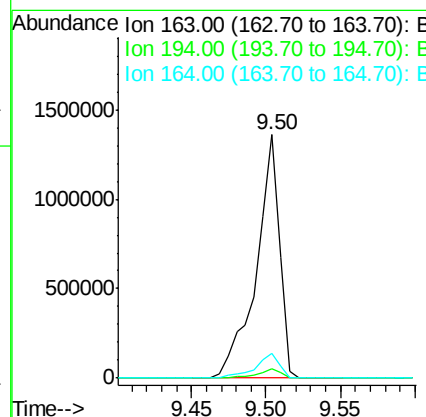
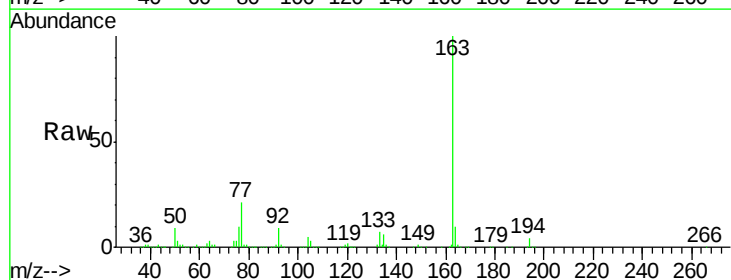
RT: 9.50 min Scan# 1261

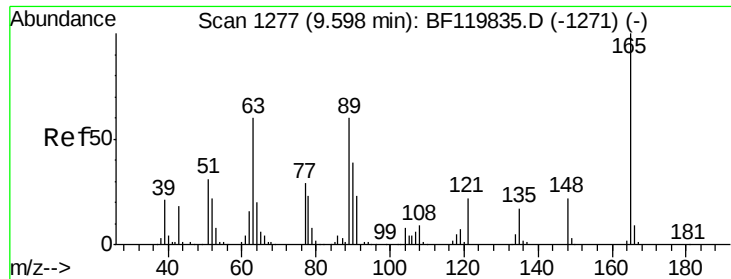
Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	163	Resp:	1464812
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	10.2	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 54.653 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

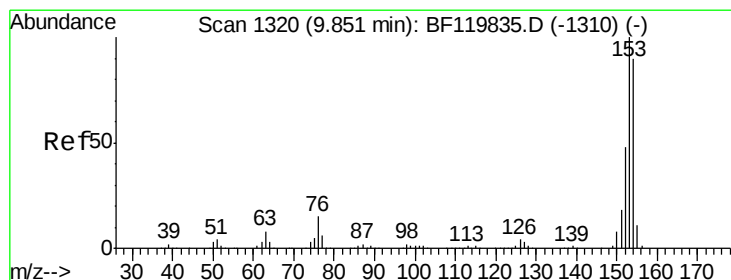
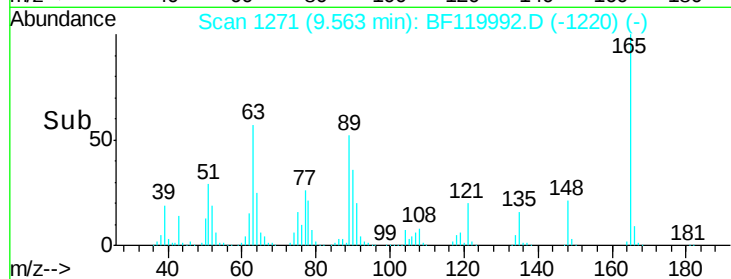
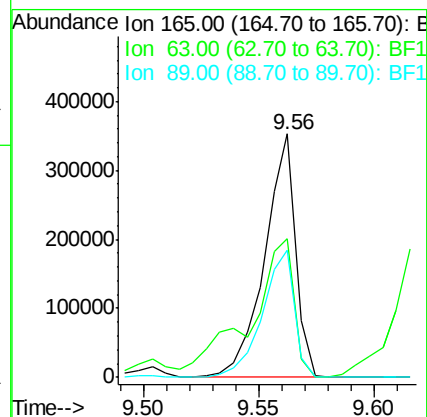
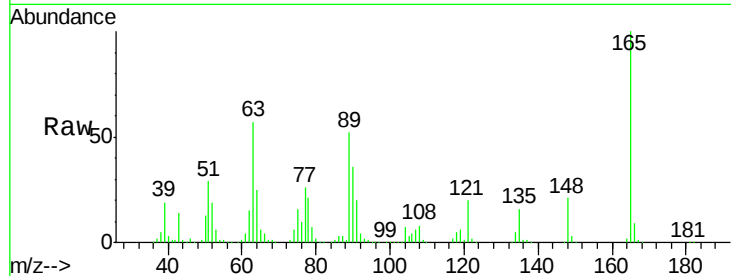
ClientSampleId :

CL-01-041020MSD

Tot Ion:	165	Resp:	328650
Ion Ratio	Lower	Upper	
165	100		
63	56.9	55.6	83.4
89	52.0	47.9	71.9

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#52

Acenaphthene

Concen: 50.047 ng

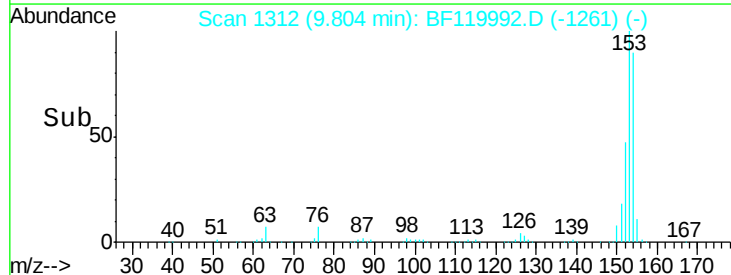
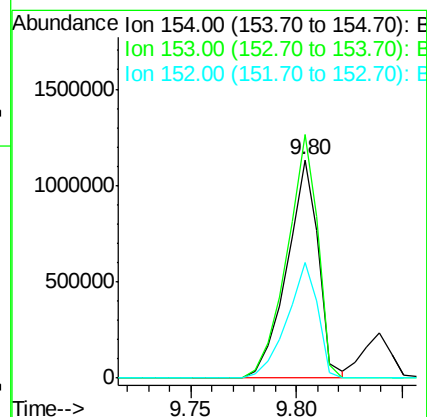
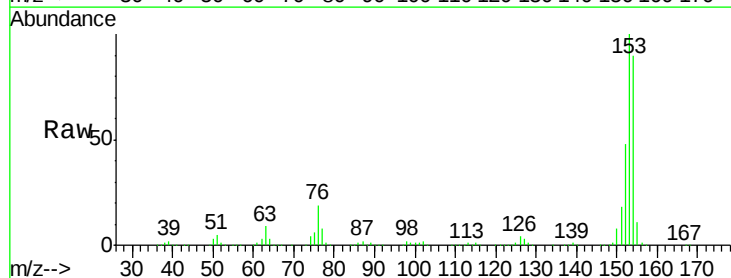
RT: 9.80 min Scan# 1312

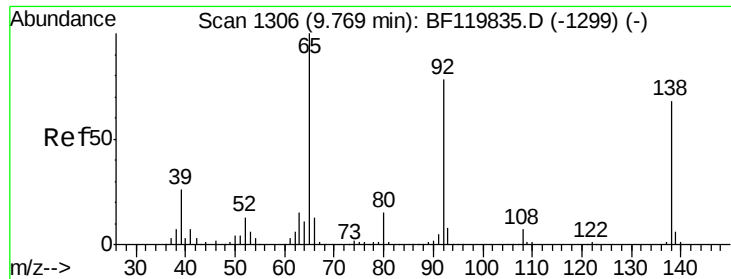
Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Tgt Ion:	154	Resp:	1172035
Ion Ratio	Lower	Upper	
154	100		
153	111.6	88.8	133.2
152	53.0	42.4	63.6





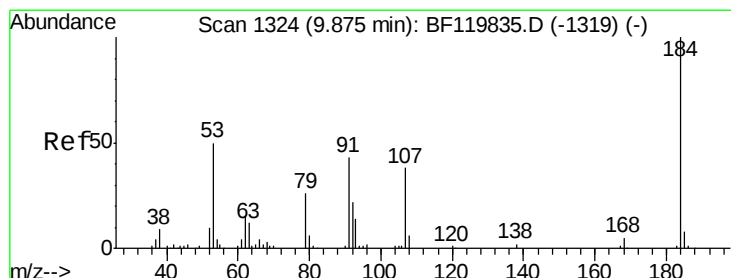
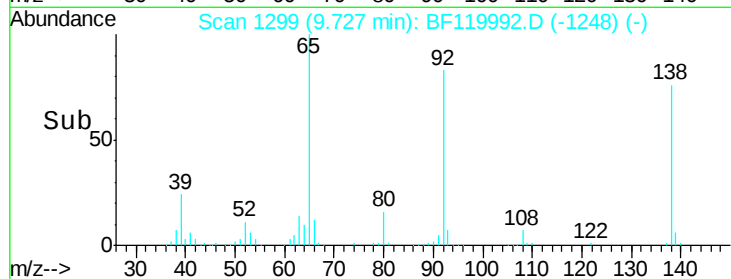
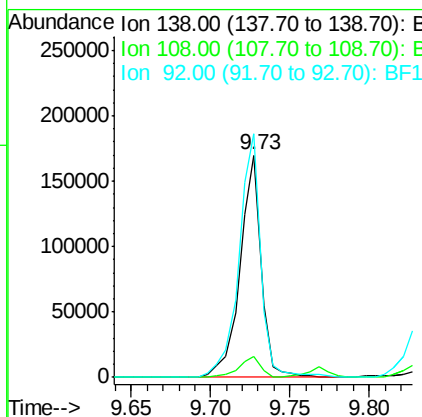
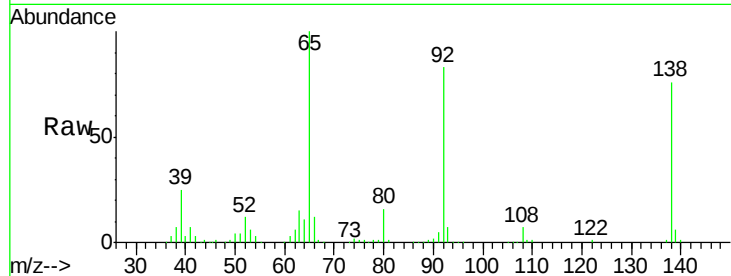
#53
3-Nitroaniline
Concen: 22.939 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.0	12.0
92	109.5	92.1	138.1

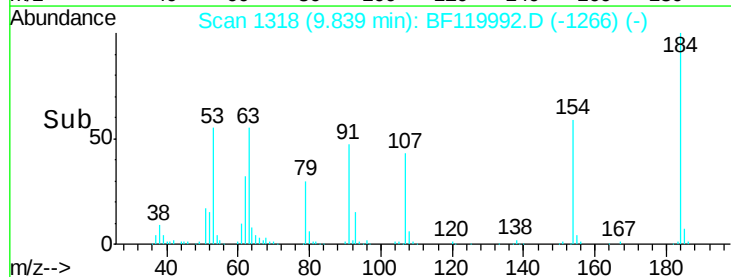
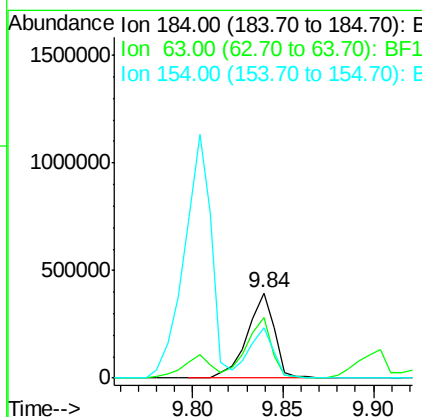
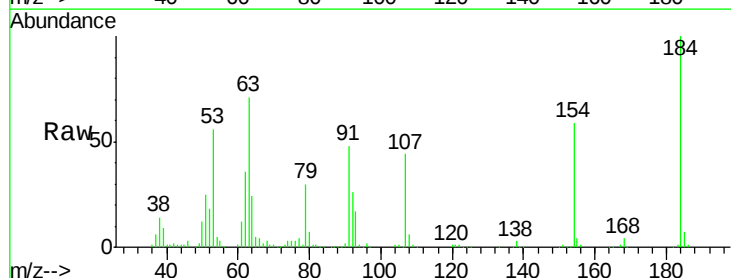
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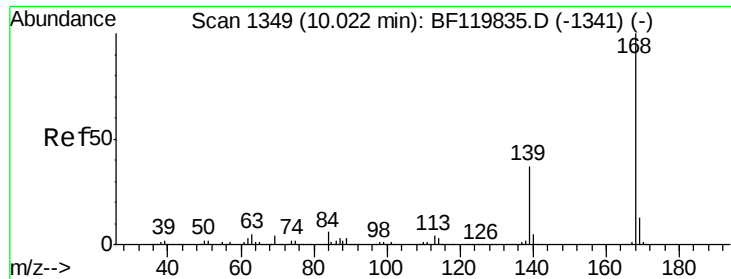
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#54
2,4-Dinitrophenol
Concen: 115.270 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.1	49.8	74.6
154	59.3	46.5	69.7





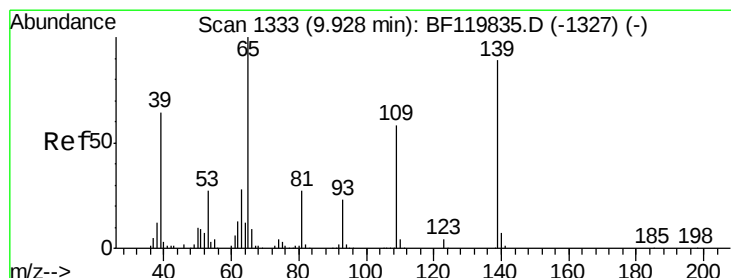
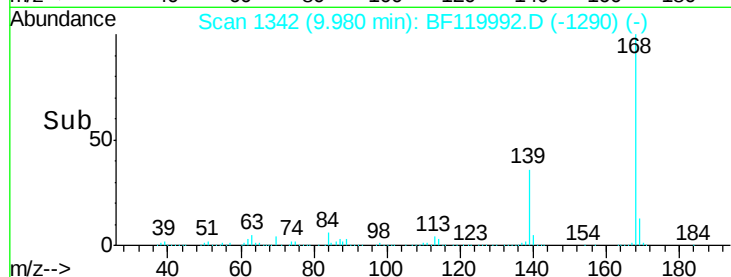
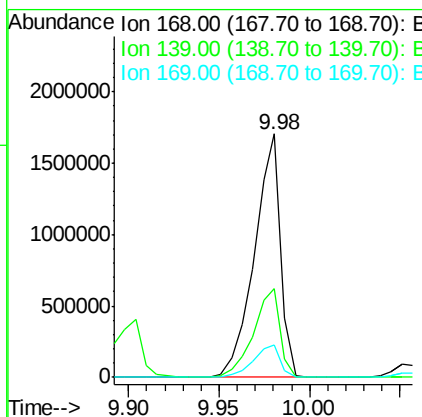
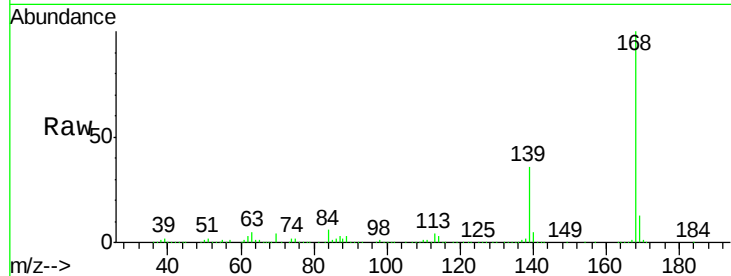
#55
Dibenzofuran
Concen: 52.901 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion:168 Resp: 1700027
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 13.5 10.6 15.8

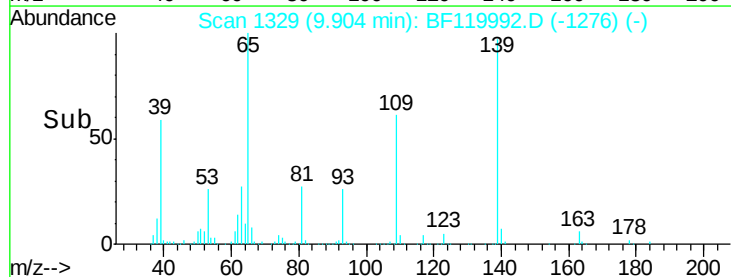
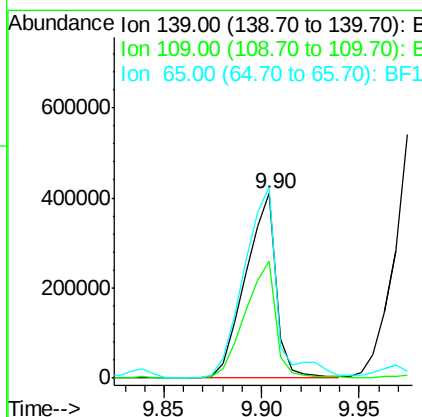
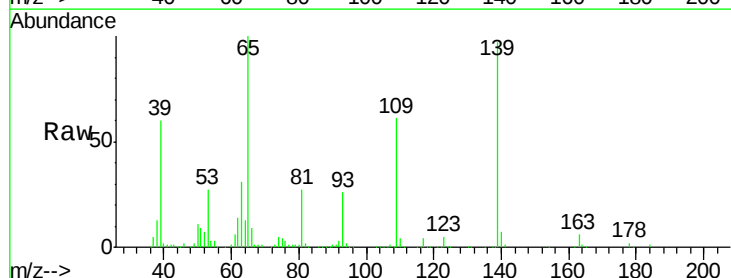
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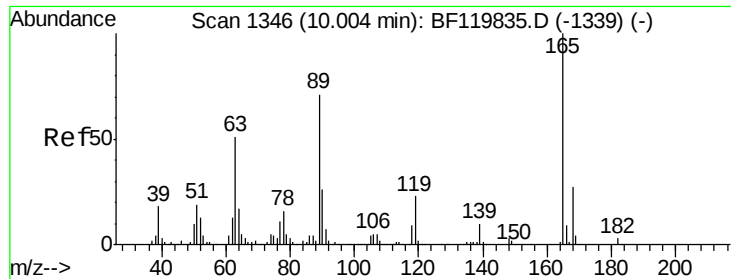
mohammad
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#56
4-Nitrophenol
Concen: 87.471 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion:139 Resp: 446984
Ion Ratio Lower Upper
139 100
109 63.4 45.5 85.5
65 103.3 92.3 132.3





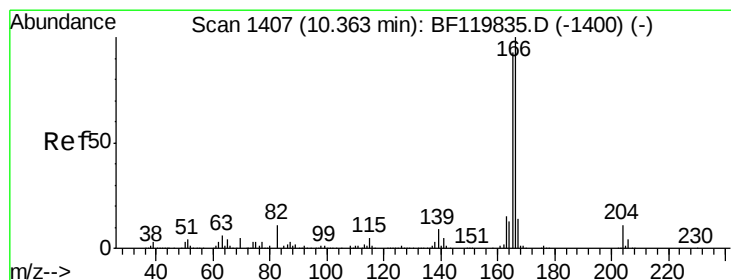
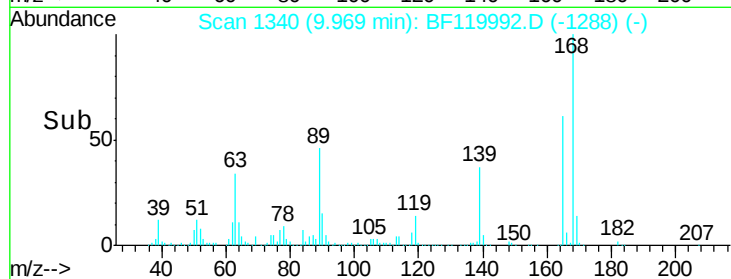
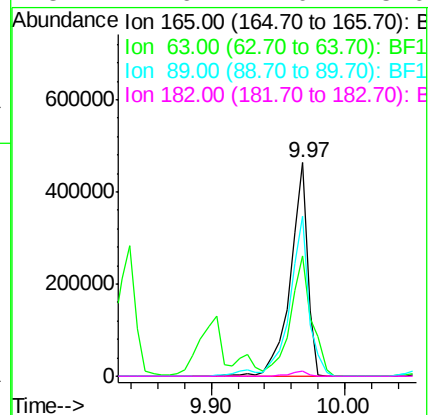
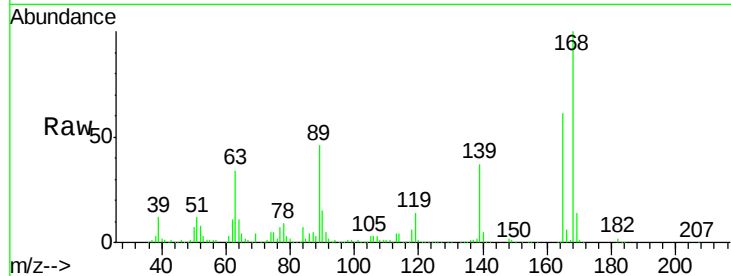
#57
2,4-Dinitrotoluene
Concen: 53.746 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	425815		
63	56.2	40.8	61.2	
89	74.7	56.9	85.3	
182	2.6	2.0	3.0	

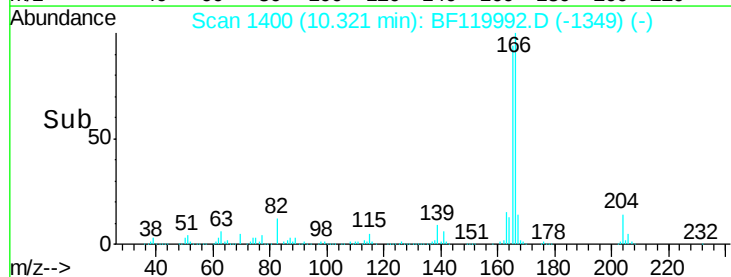
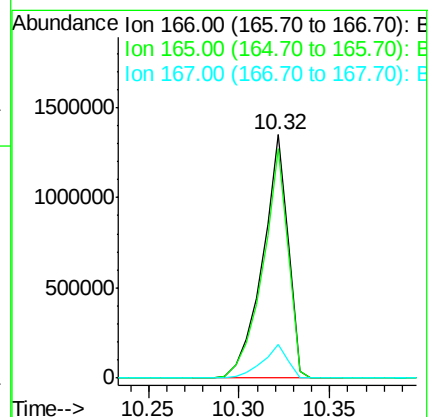
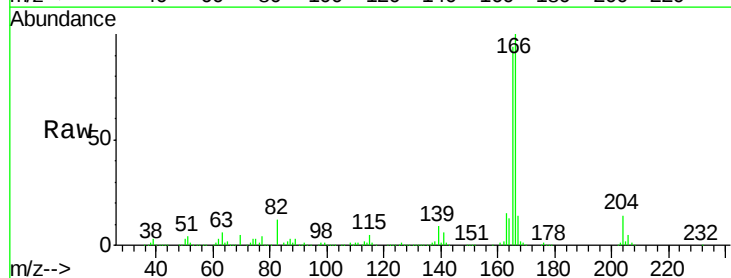
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#58
Fluorene
Concen: 51.272 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1317729		
165	94.5	74.2	111.2	
167	14.0	10.8	16.2	





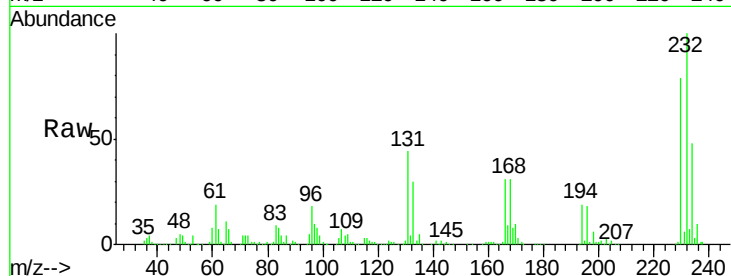
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.949 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.9	56.9
130	2.3	1.8	2.6
166	30.8	25.4	38.0

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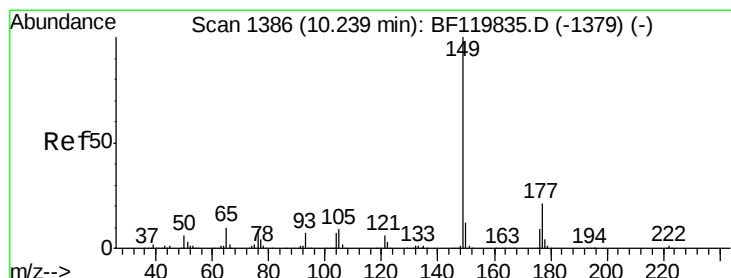
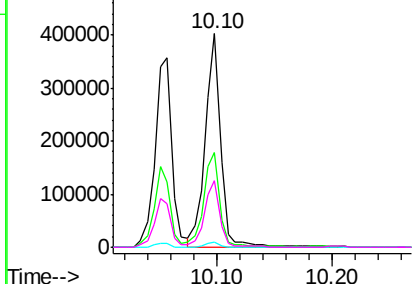
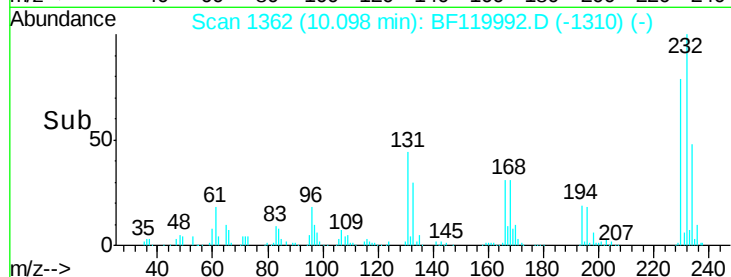
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

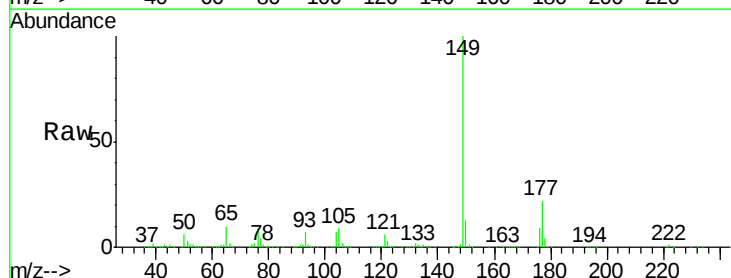
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 52.292 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.8	25.2
150	12.8	9.8	14.6

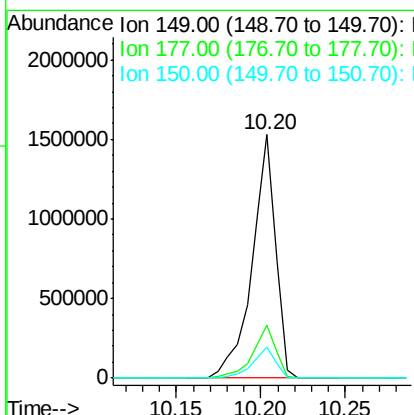
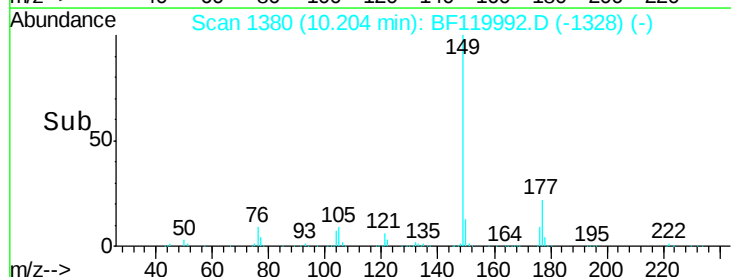


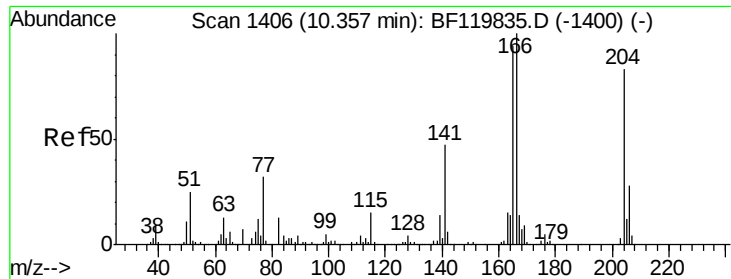
Abundance

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





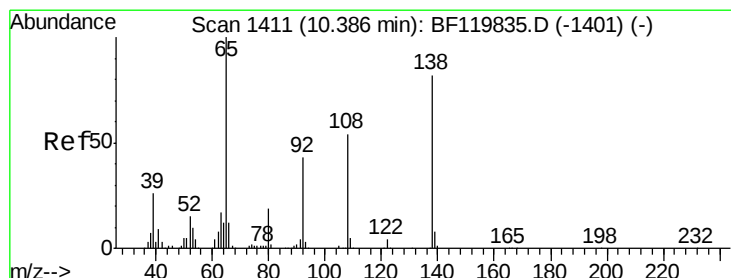
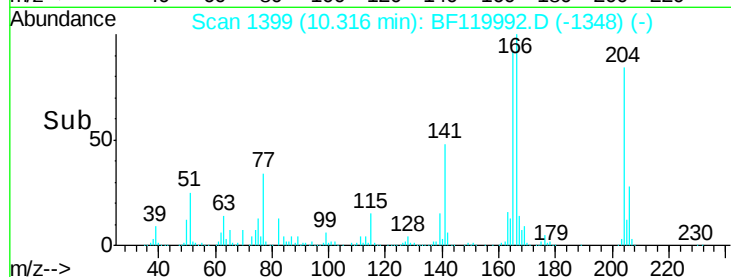
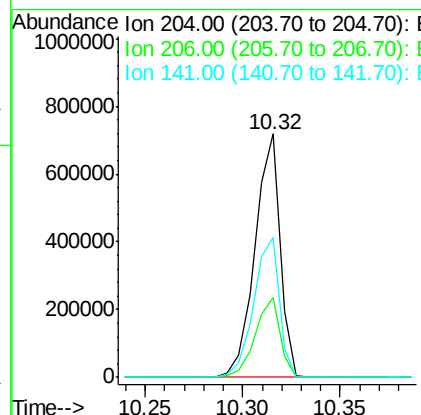
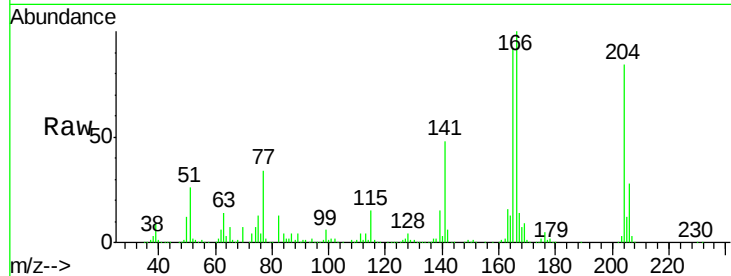
#61
 4-Chlorophenyl-phenylether
 Concen: 48.734 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion:	204	Resp:	641956
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.7	40.1
141	57.4	45.8	68.8

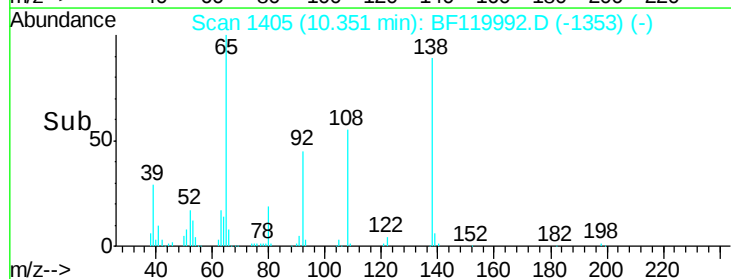
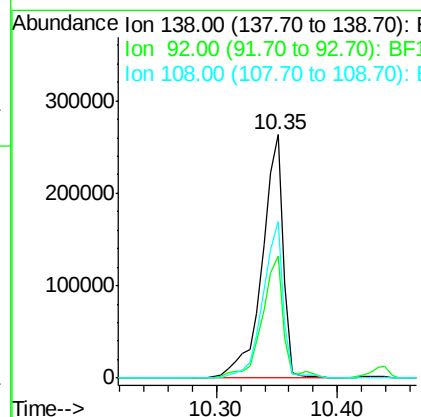
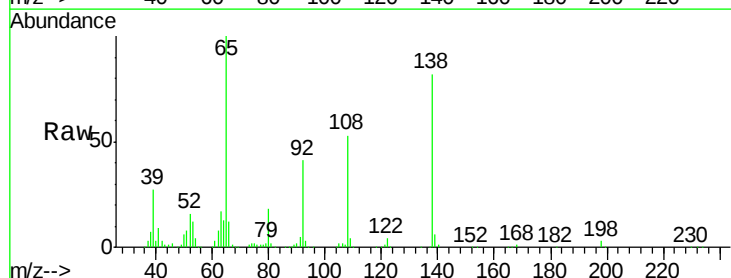
Manual Integrations
 APPROVED

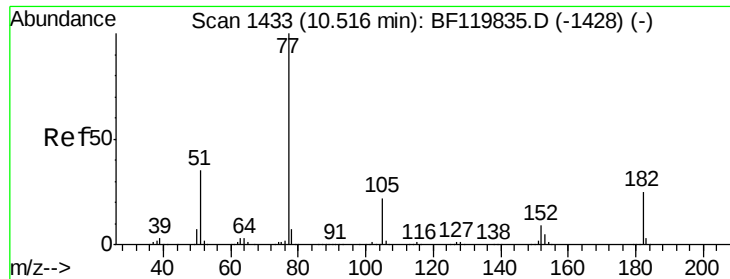
mohammad
 4/16/2020 12:52:50 PM



#62
 4-Nitroaniline
 Concen: 49.108 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:	138	Resp:	321419
Ion Ratio	Lower	Upper	
138	100		
92	50.3	31.6	71.6
108	64.5	45.2	85.2





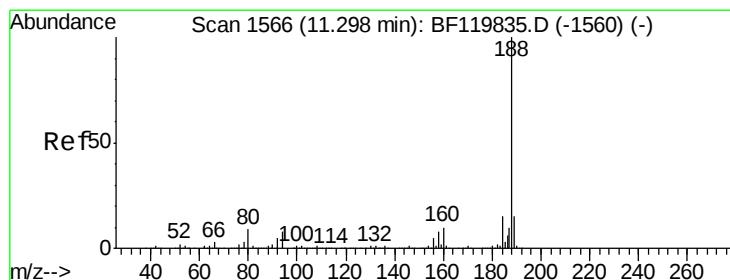
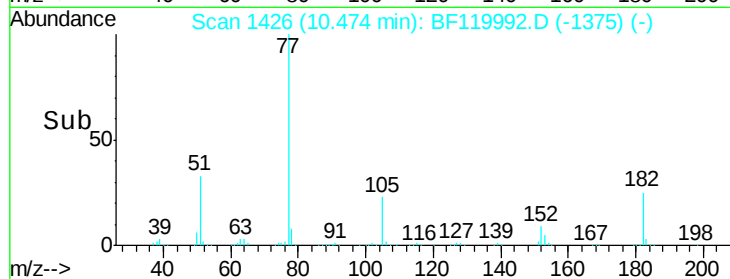
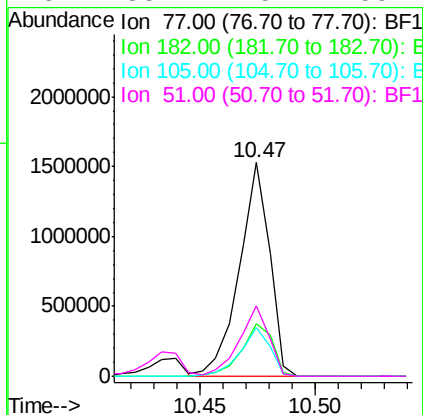
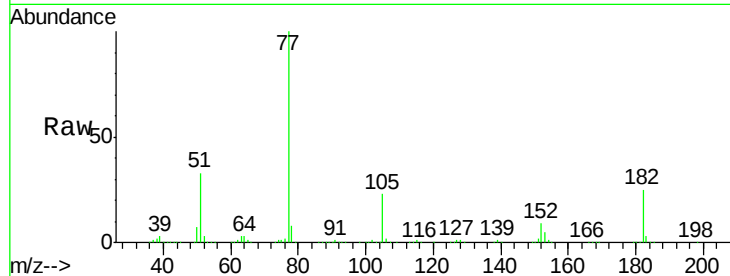
#63
Azobenzene
Concen: 54.778 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion: 77 Resp: 1397208
Ion Ratio Lower Upper
77 100
182 24.5 4.5 44.5
105 23.0 2.2 42.2
51 33.1 15.1 55.1

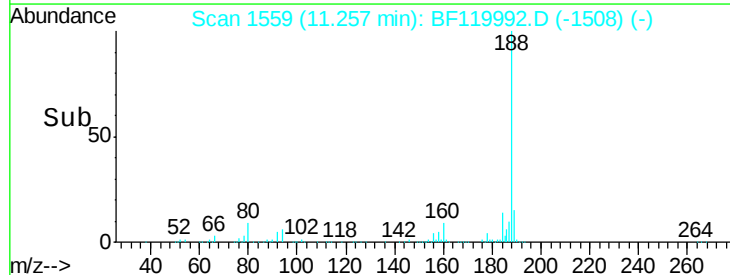
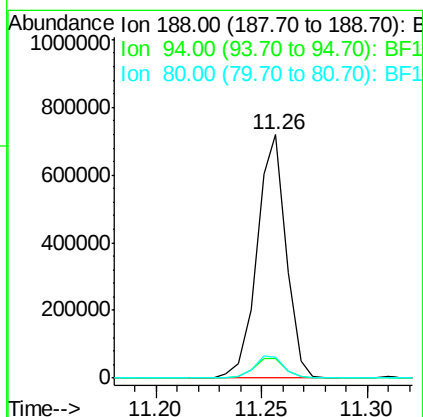
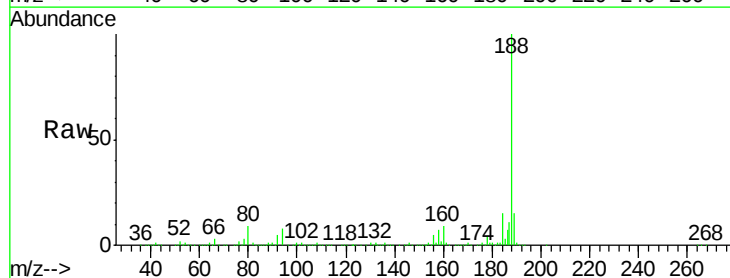
Manual Integrations
APPROVED

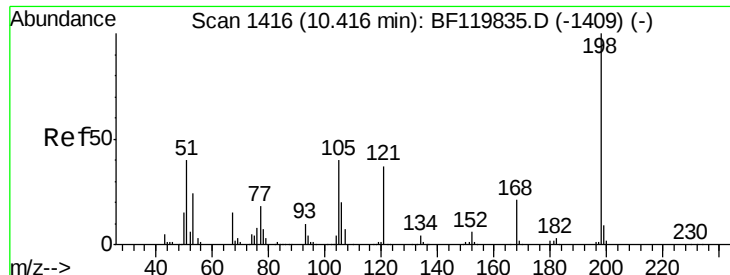
mohammad
4/16/2020 12:52:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion: 188 Resp: 687090
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.8 7.4 11.2





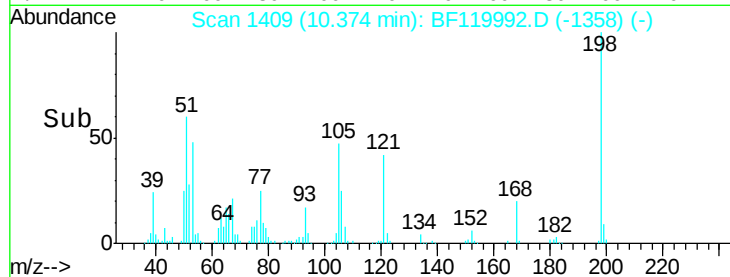
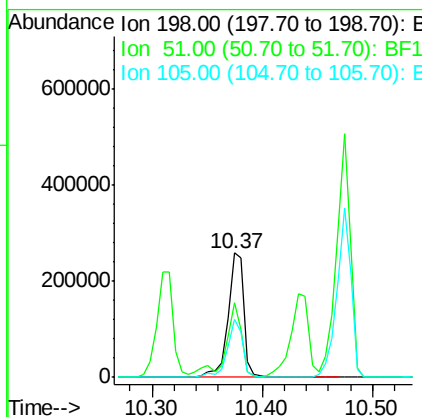
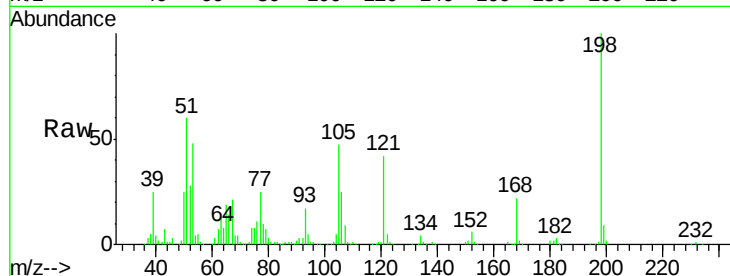
#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.474 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	260163		
51	60.4	25.2	65.2	
105	46.9	20.8	60.8	

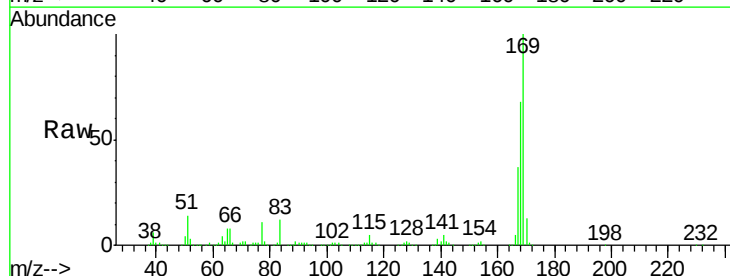
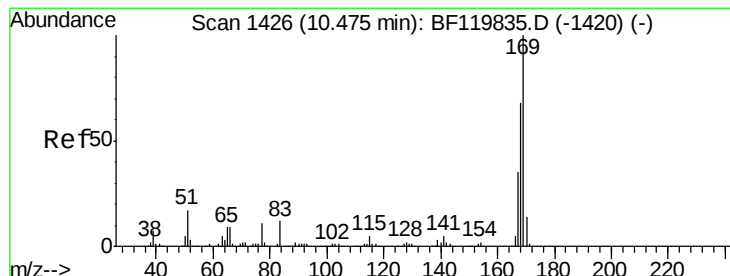
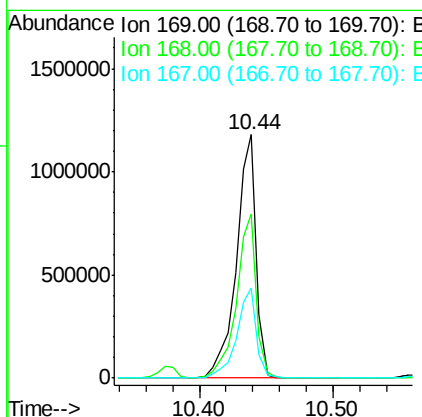
Manual Integrations
 APPROVED

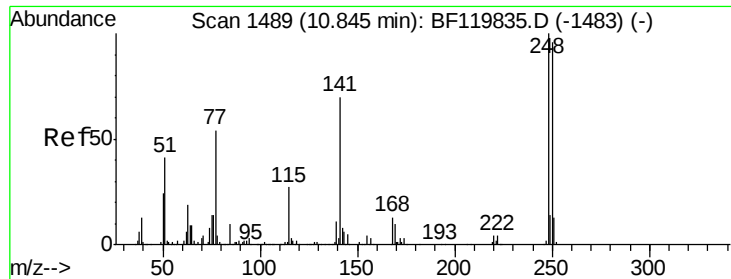
mohammad
 4/16/2020 12:52:50 PM



#66
 n-Nitrosodiphenylamine
 Concen: 53.029 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1211743		
168	67.6	54.2	81.4	
167	36.7	28.3	42.5	





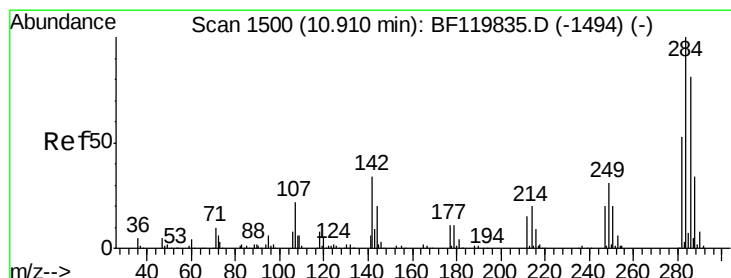
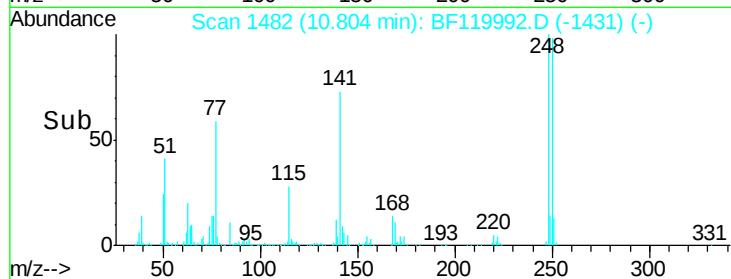
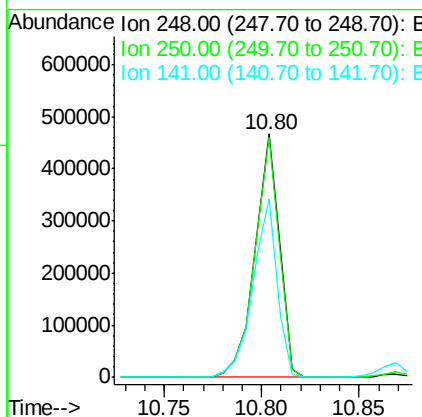
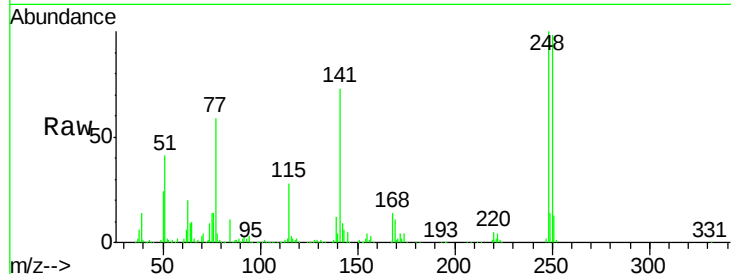
#67
 4-Bromophenyl-phenylether
 Concen: 47.636 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion:	248	Resp:	407034
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.6	114.8
141	73.2	55.9	83.9

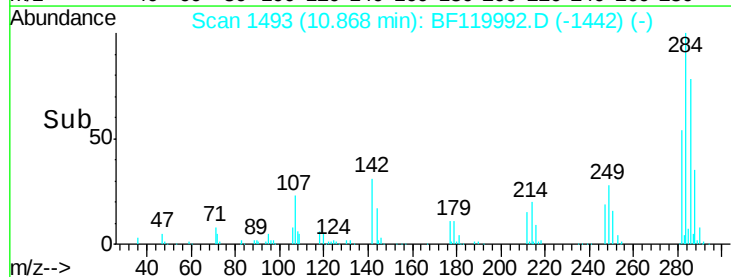
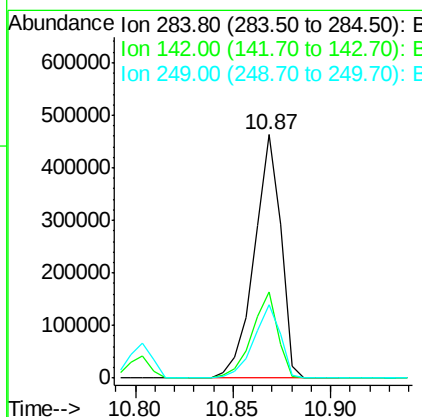
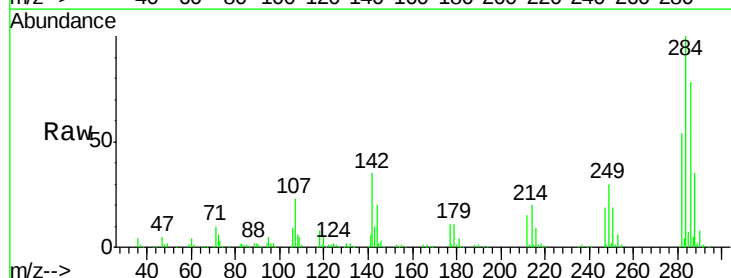
Manual Integrations
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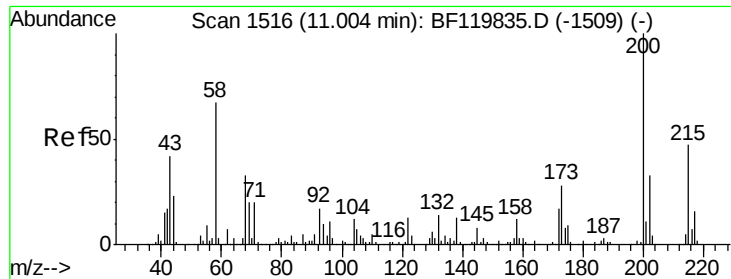
mohammad
 4/16/2020 12:52:50 PM



#68
 Hexachlorobenzene
 Concen: 50.382 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:	284	Resp:	436725
Ion Ratio	Lower	Upper	
284	100		
142	35.4	26.9	40.3
249	30.0	24.6	37.0





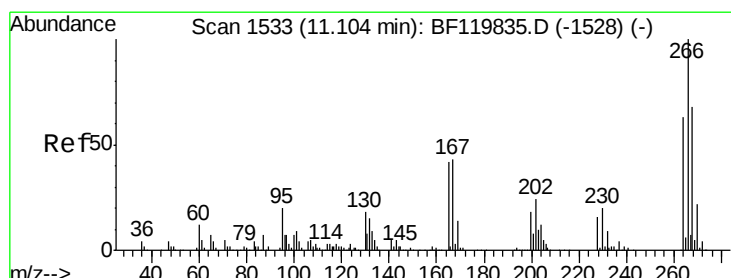
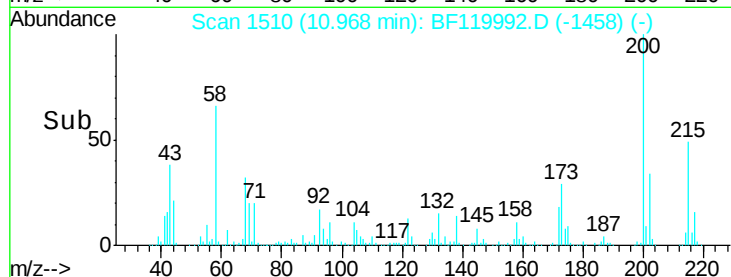
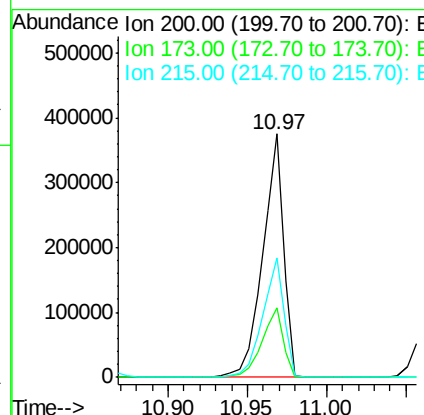
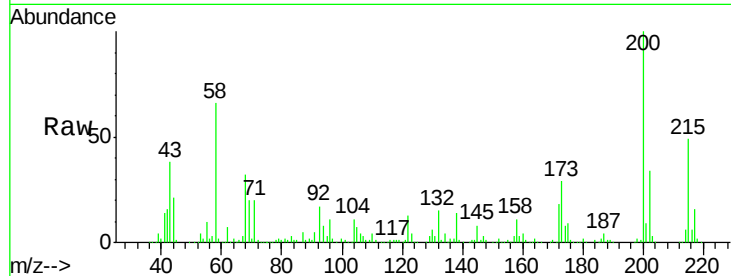
#69
 Atrazine
 Concen: 54.327 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	345395		
173	28.6	8.0	48.0	
215	49.2	27.1	67.1	

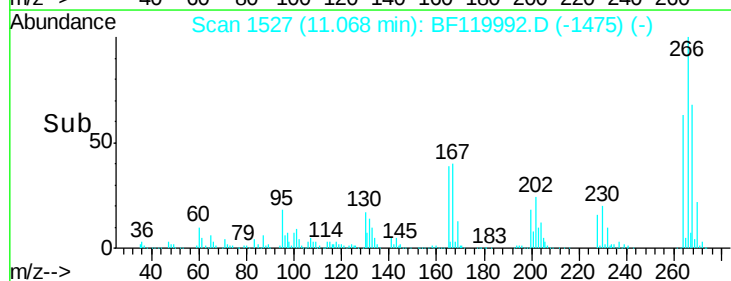
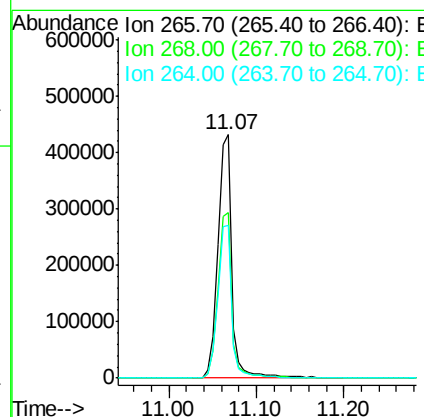
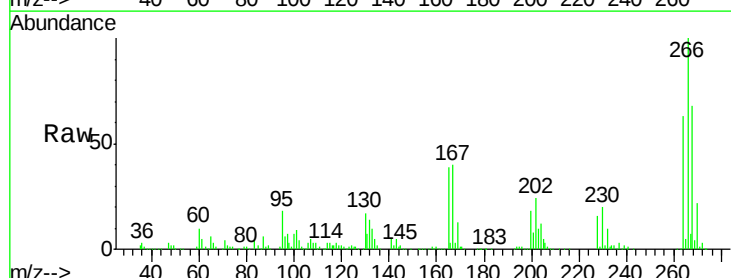
Manual Integrations
 APPROVED

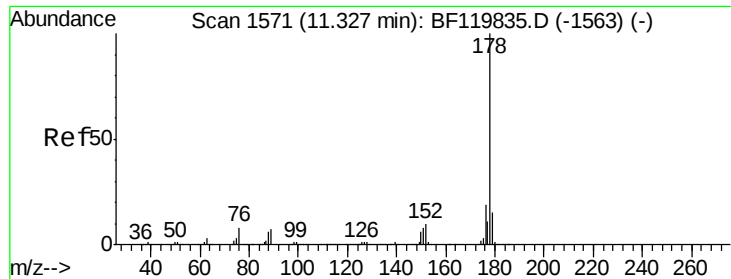
mohammad
 4/16/2020 12:52:50 PM



#70
 Pentachlorophenol
 Concen: 96.753 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	483309		
268	68.1	54.2	81.4	
264	62.5	50.6	76.0	





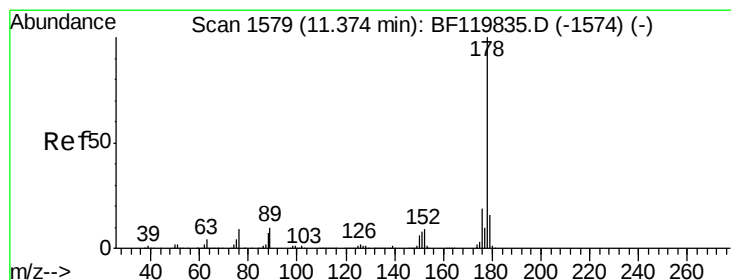
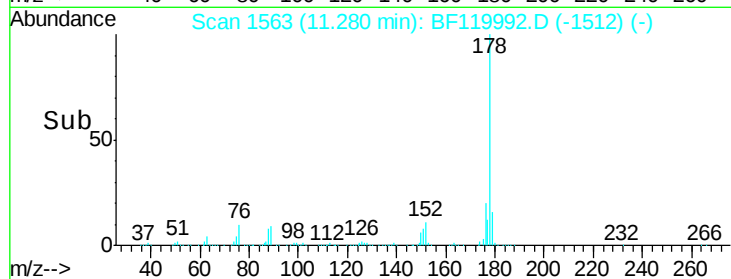
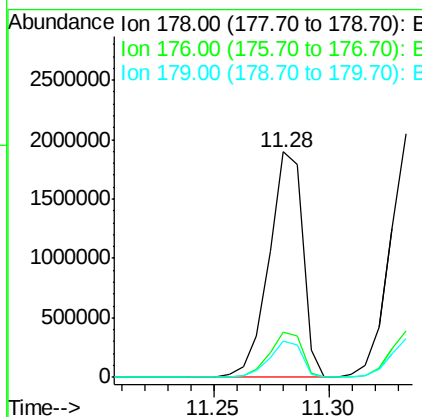
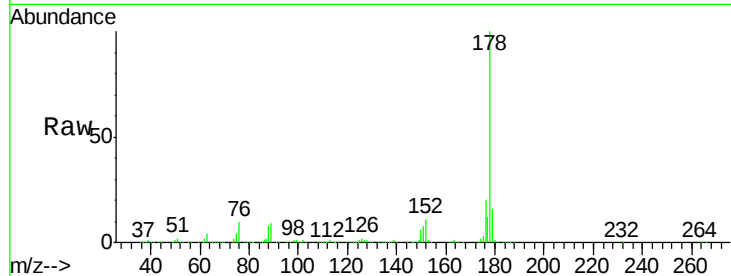
#71
Phenanthrene
Concen: 52.645 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion:178 Resp: 1925104
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.1 12.2 18.4

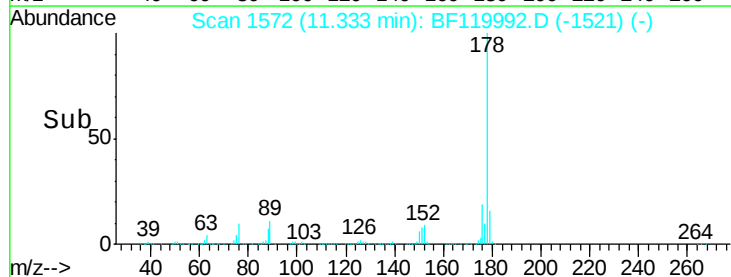
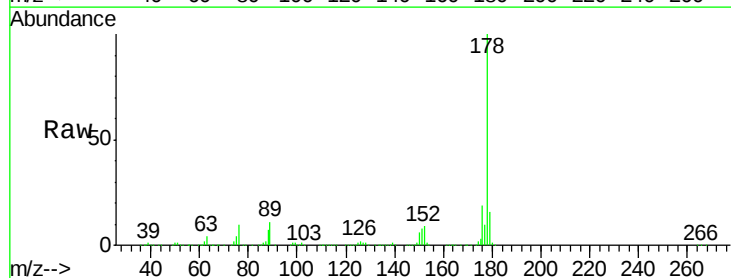
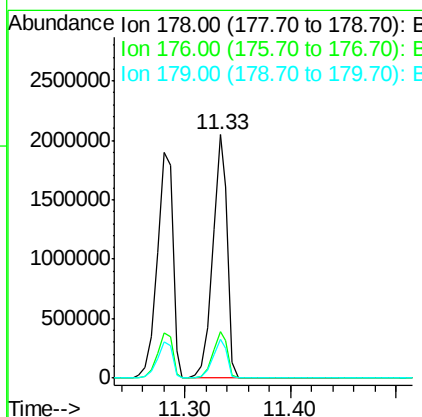
Manual Integrations
APPROVED

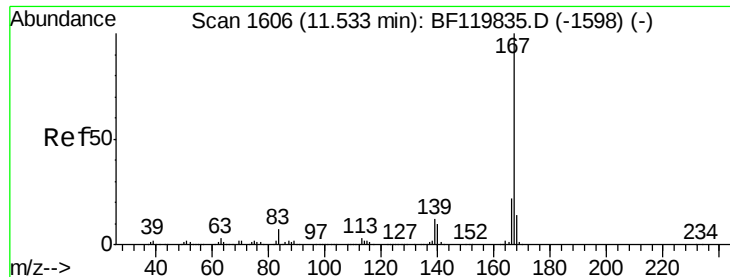
mohammad
4/16/2020 12:52:50 PM



#72
Anthracene
Concen: 53.011 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion:178 Resp: 1980285
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.0 12.8 19.2





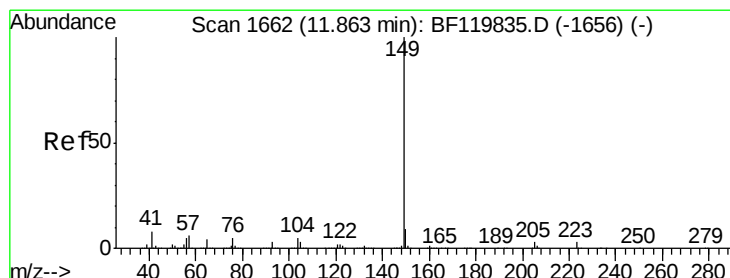
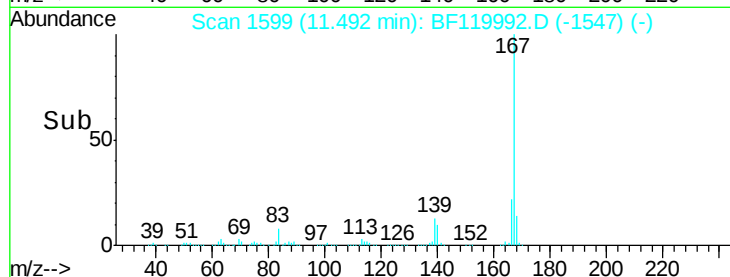
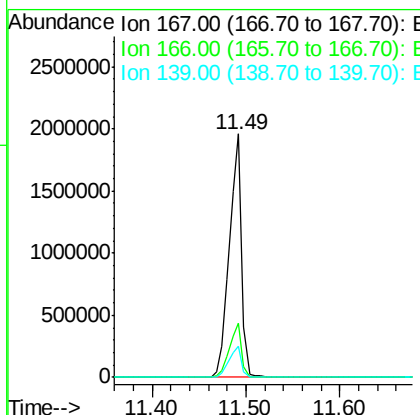
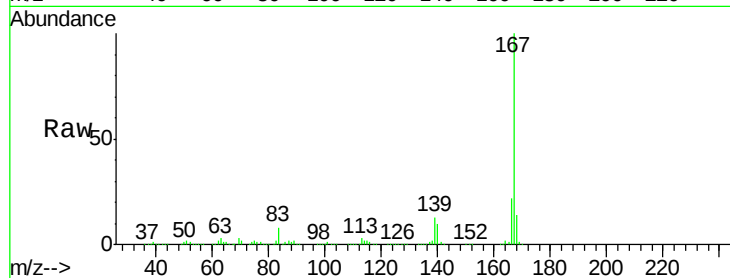
#73
 Carbazole
 Concen: 50.333 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion:167 Resp: 1778106
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.0 9.8 14.8

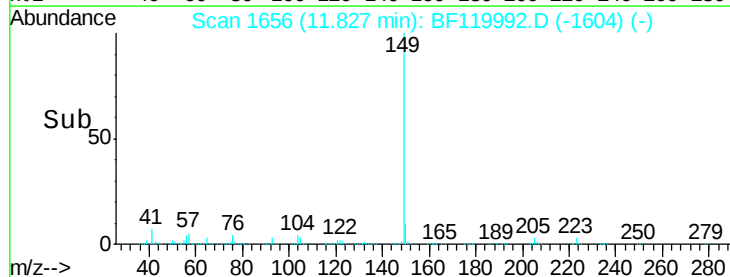
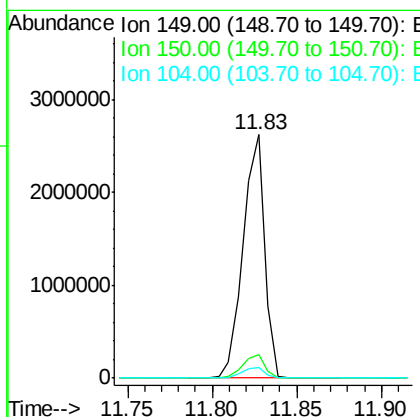
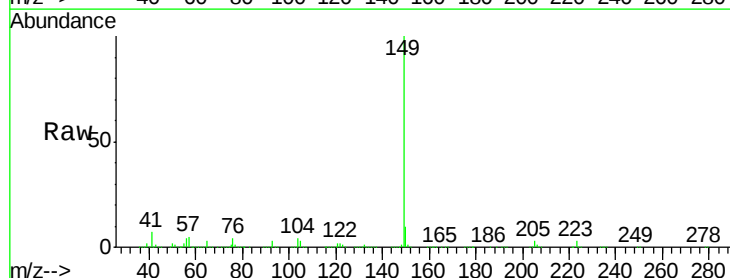
Manual Integrations
 APPROVED

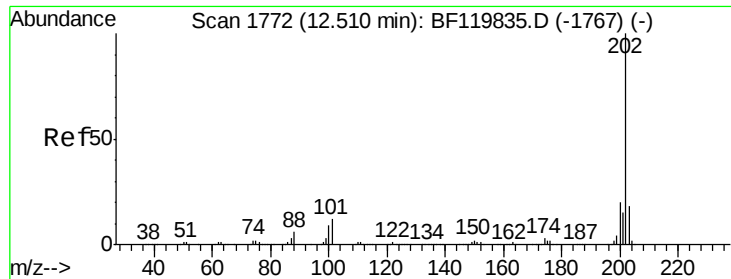
mohammad
 4/16/2020 12:52:50 PM



#74
 Di-n-butylphthalate
 Concen: 50.323 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:149 Resp: 2337014
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.4 3.8 5.6





#75

Fluoranthene

Concen: 52.827 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MSD

Tot Ion:202 Resp: 2084344

Ion Ratio Lower Upper

202 100

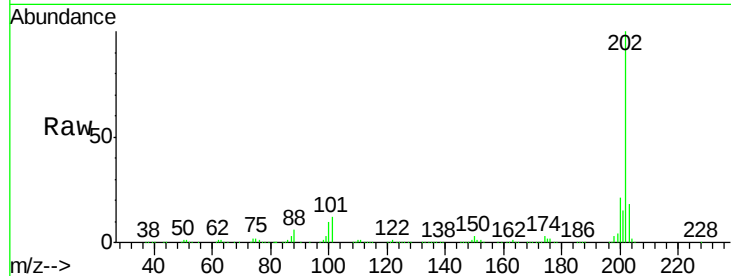
101 12.4 0.0 32.3

203 18.4 0.0 37.6

Manual Integrations
APPROVED

mohammad

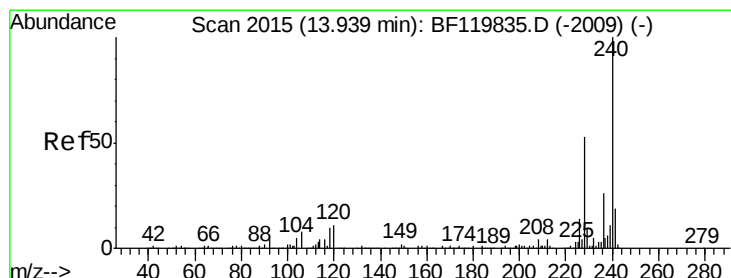
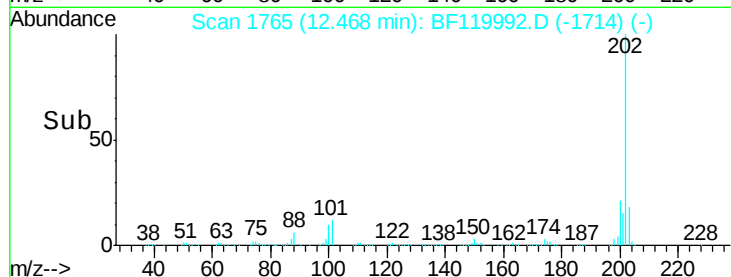
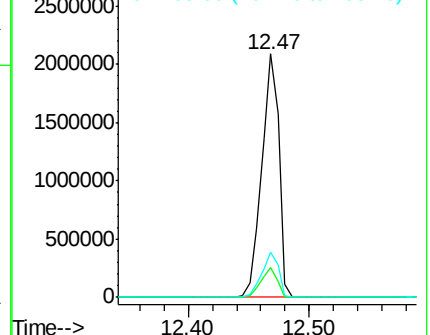
4/16/2020 12:52:50 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

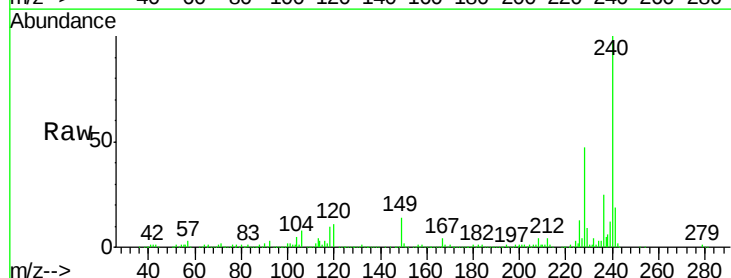
Tgt Ion:240 Resp: 467642

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

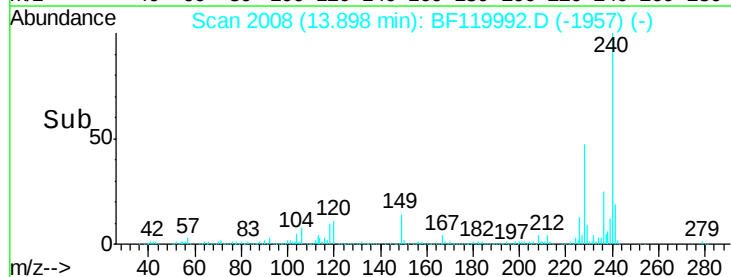
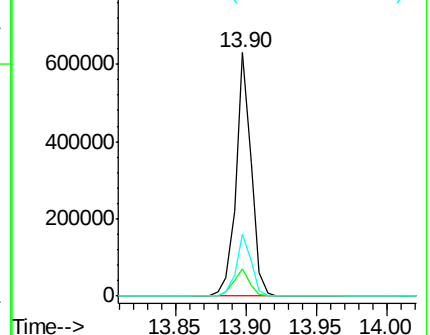
236 25.3 20.7 31.1

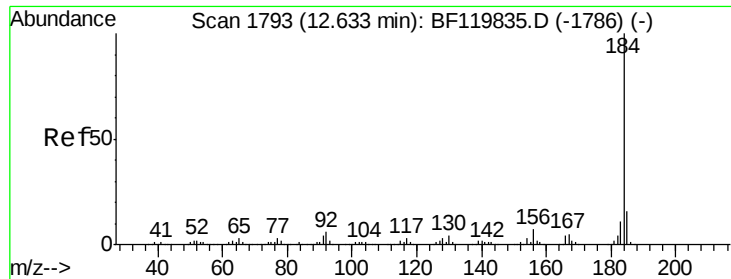


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





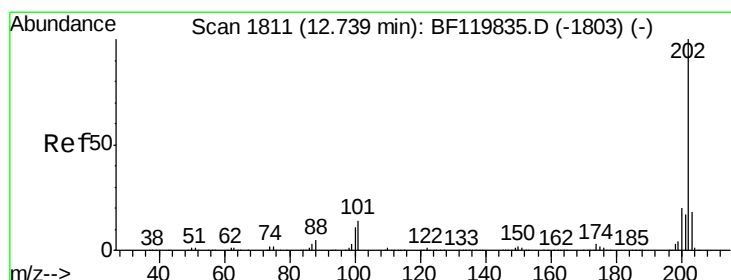
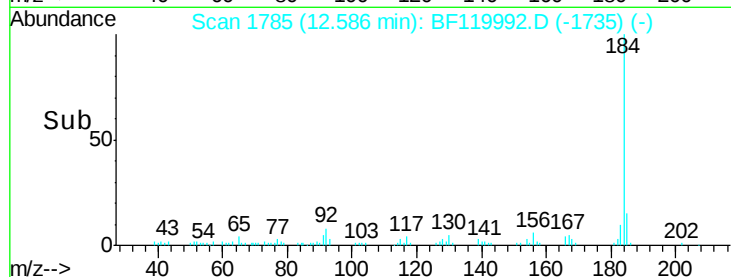
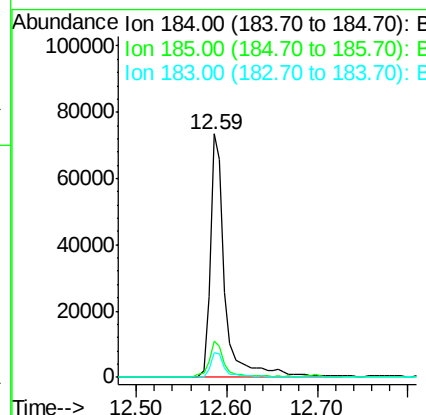
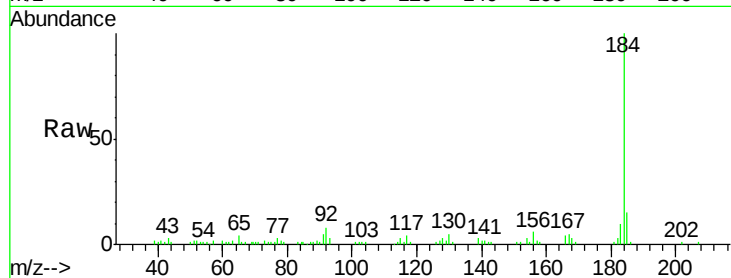
#77
Benzidine
Concen: 5.316 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.2	19.8
183	10.3	9.1	13.7

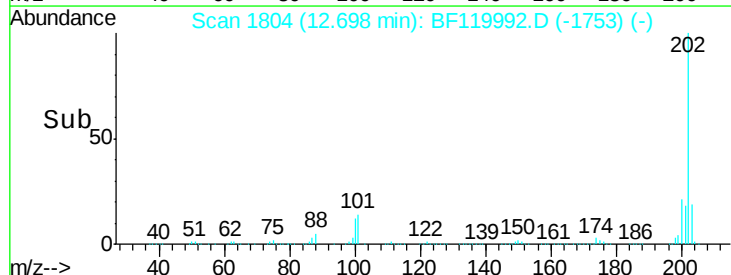
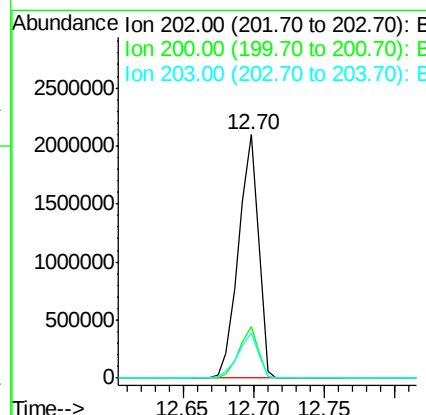
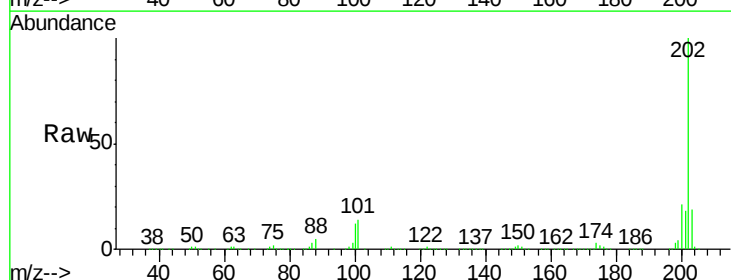
Manual Integrations
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#78
Pyrene
Concen: 52.627 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.2	24.2
203	18.6	14.1	21.1





#79

Terphenyl-d14

Concen: 94.308 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MSD

Tot Ion:244 Resp: 2621014

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

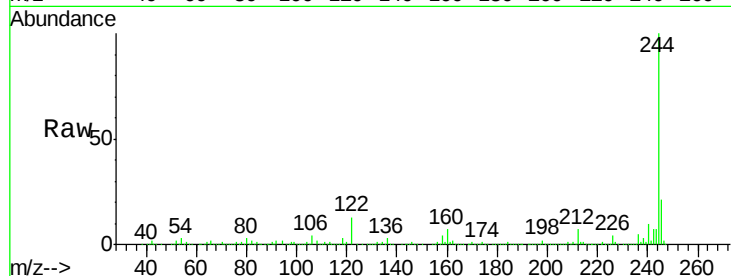
122 13.5 10.3 15.5

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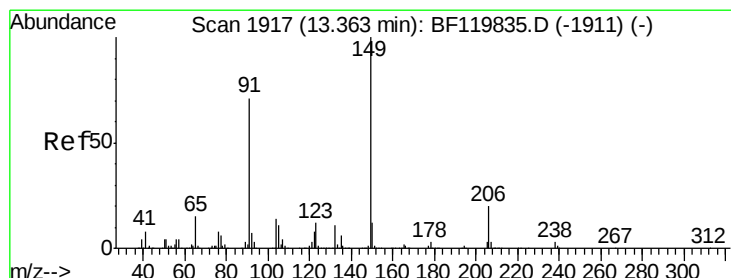
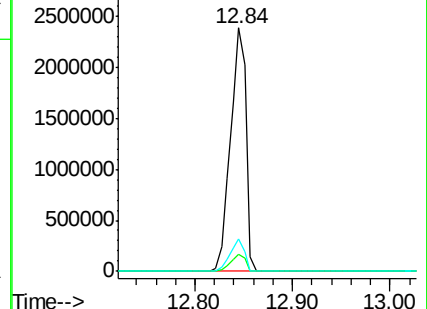
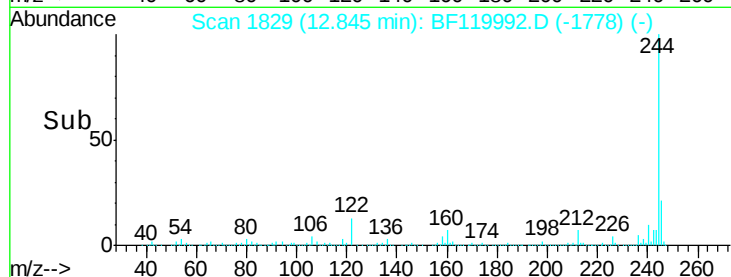
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.659 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

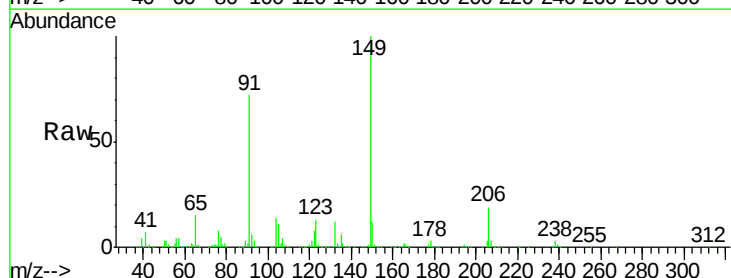
Tgt Ion:149 Resp: 969072

Ion Ratio Lower Upper

149 100

91 71.9 56.7 85.1

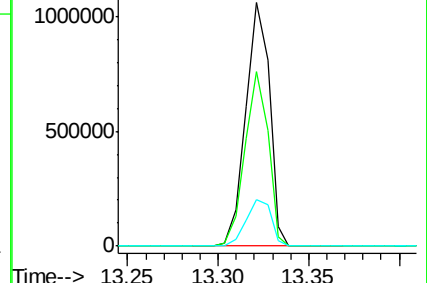
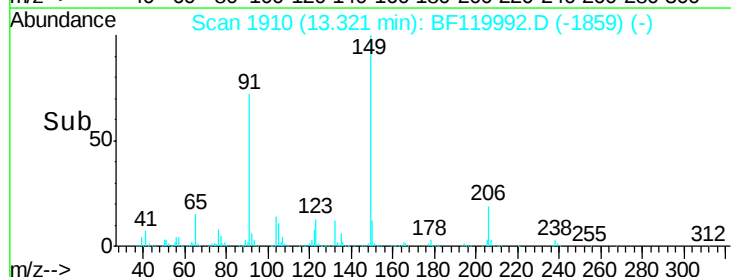
206 19.2 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.246 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MSD

Tot Ion:228 Resp: 1576568

Ion Ratio Lower Upper

228 100

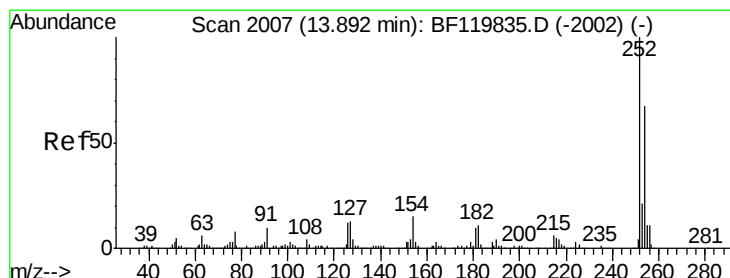
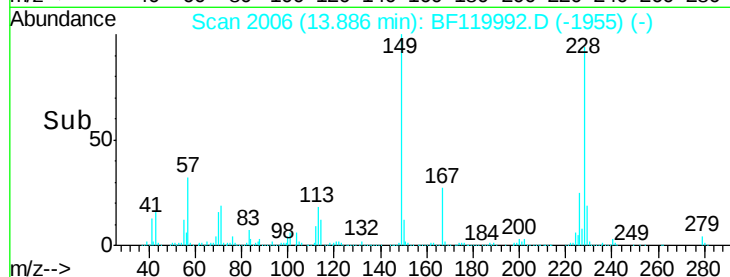
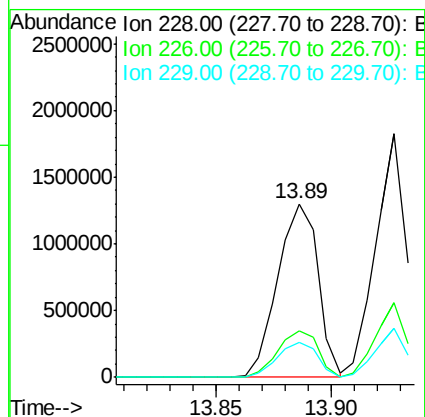
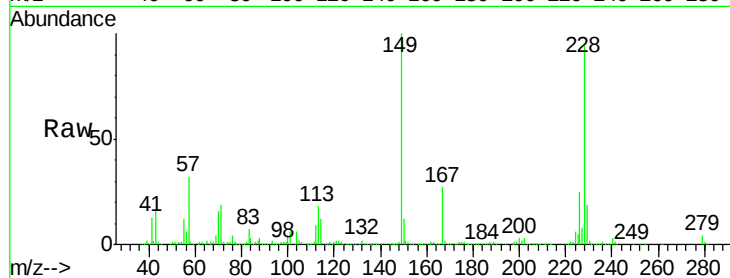
226 27.1 21.9 32.9

229 20.1 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 24.280 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

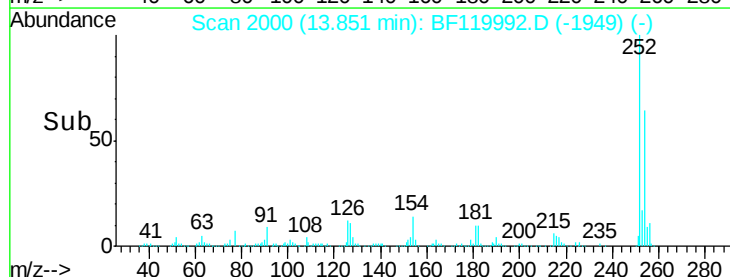
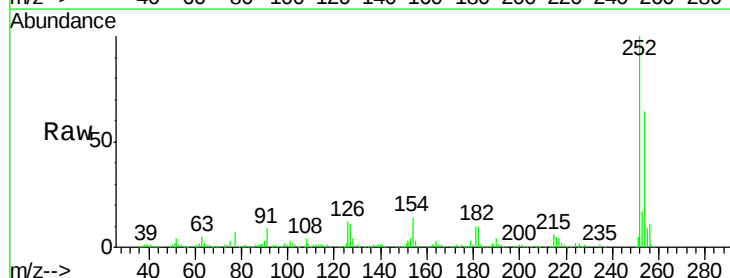
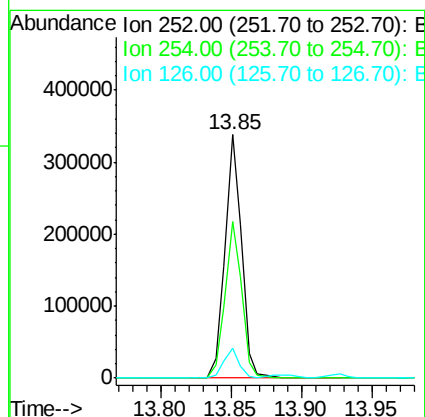
Tgt Ion:252 Resp: 278712

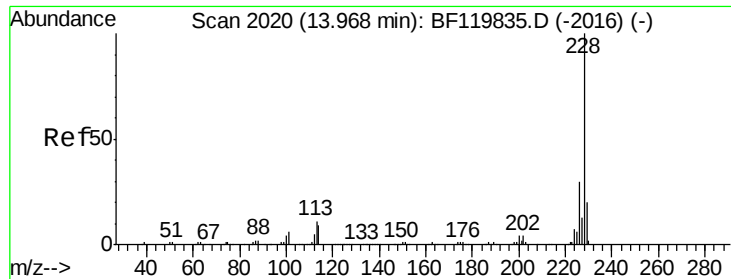
Ion Ratio Lower Upper

252 100

254 64.4 53.9 80.9

126 12.1 9.7 14.5





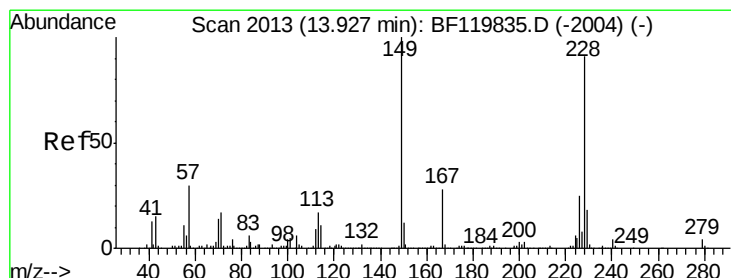
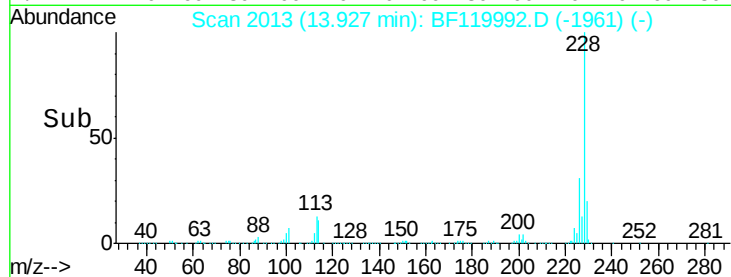
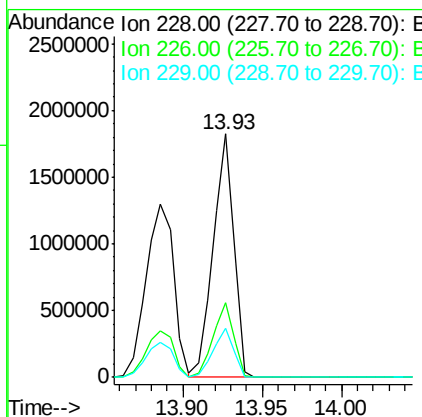
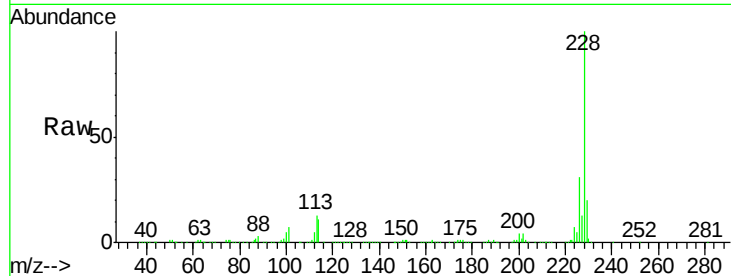
#83
 Chrvsene
 Concen: 52.720 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MSD

Tot Ion:228 Resp: 1647986
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.2 36.2
 229 20.2 15.9 23.9

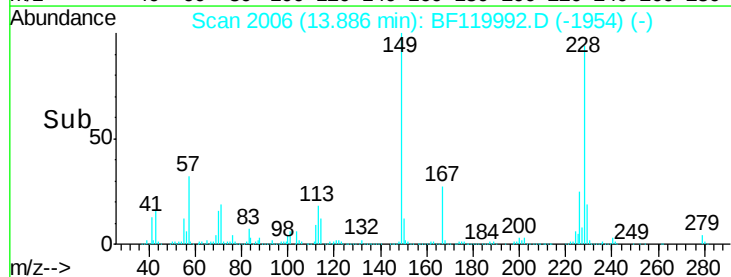
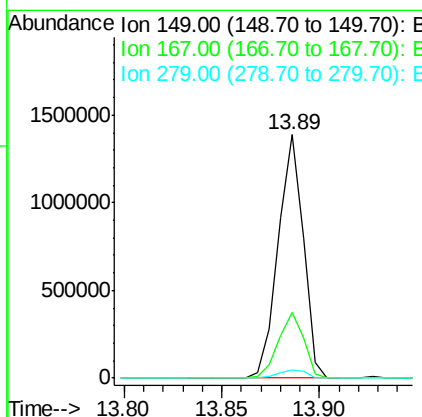
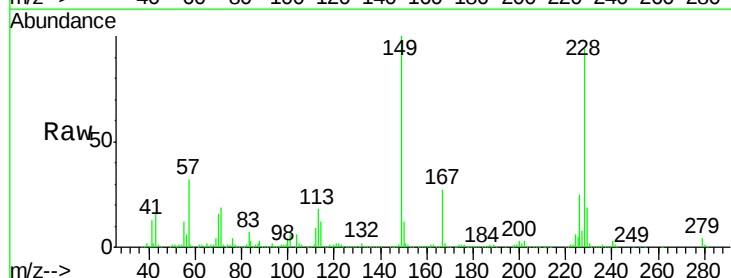
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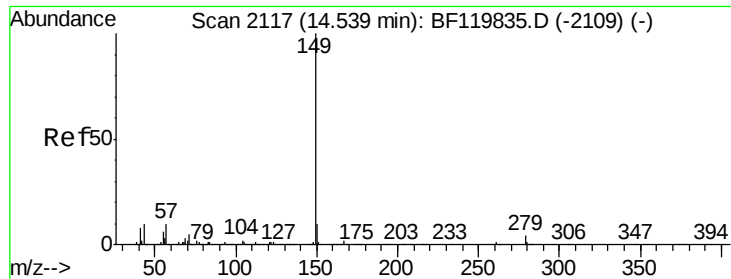
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.976 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119992.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:149 Resp: 1242830
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.2
 279 3.5 3.4 5.0





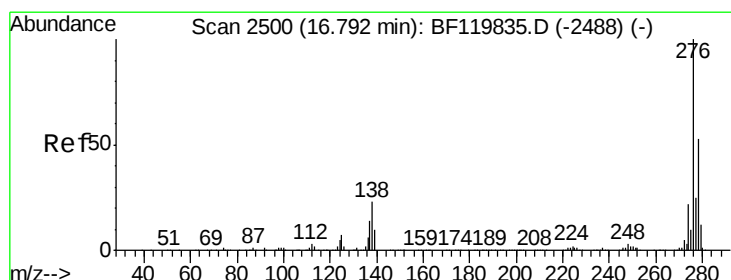
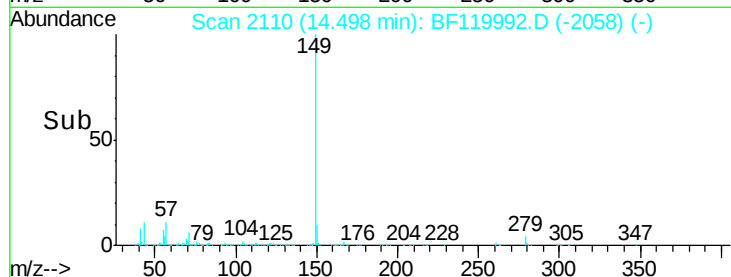
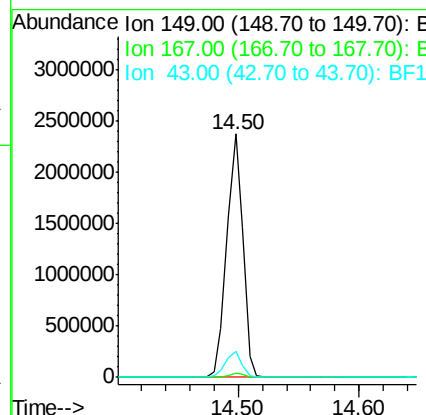
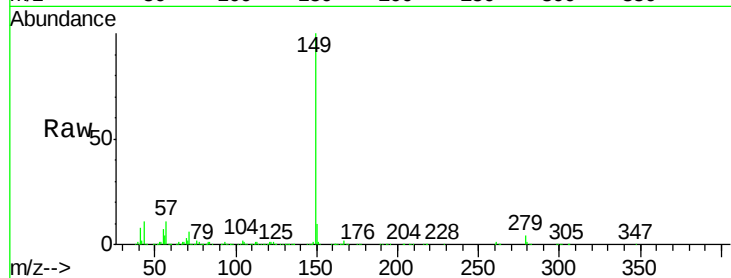
#85
Di-n-octyl phthalate
Concen: 49.561 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	9.2	13.8

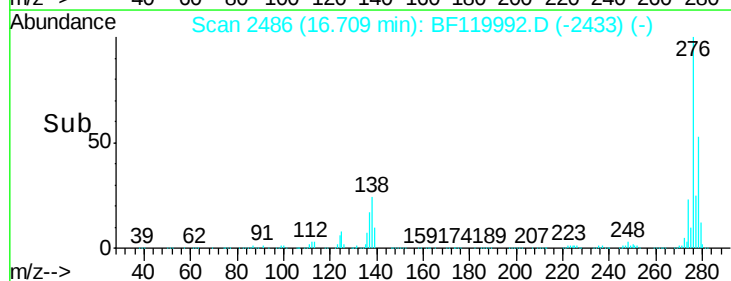
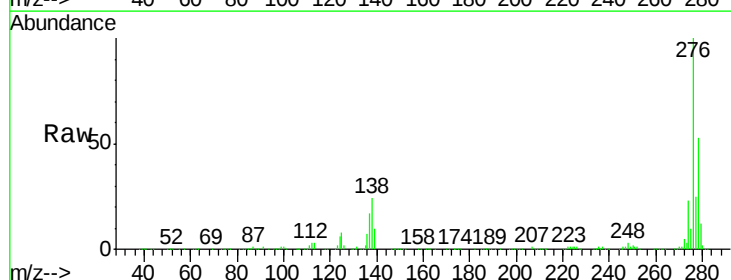
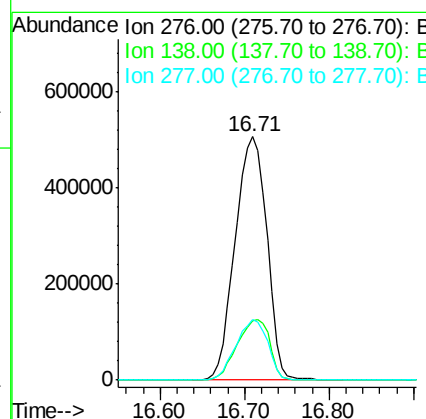
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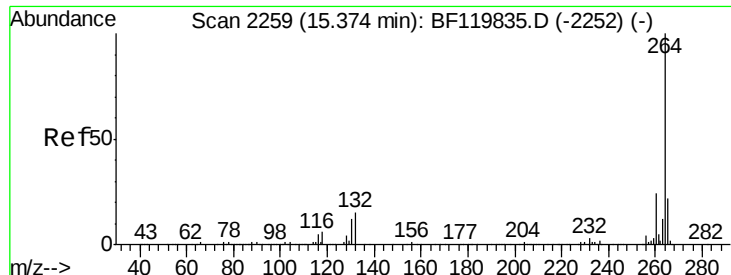
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.912 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	18.0	27.0
277	25.0	20.1	30.1





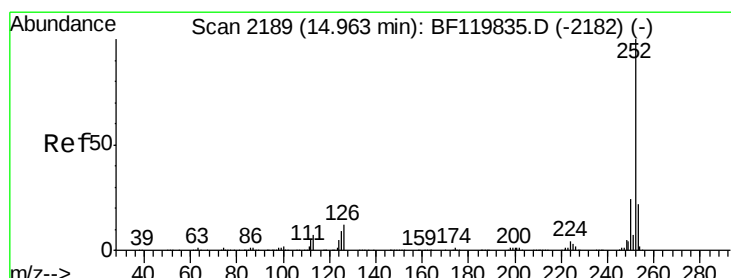
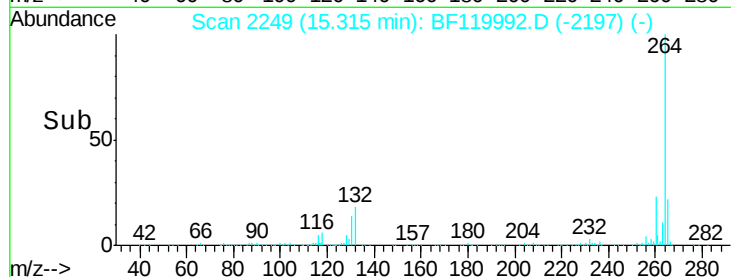
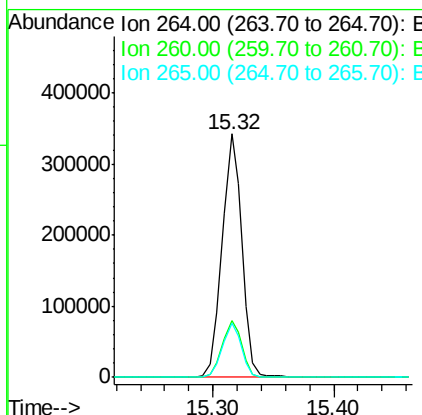
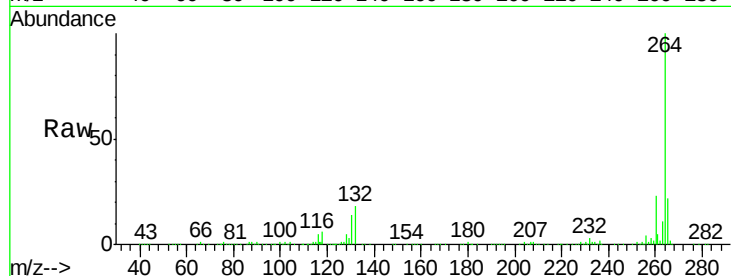
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.2	17.6	26.4

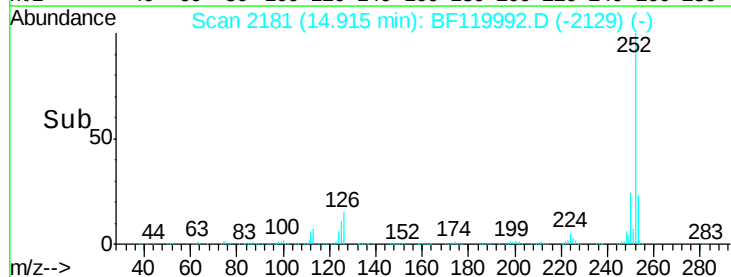
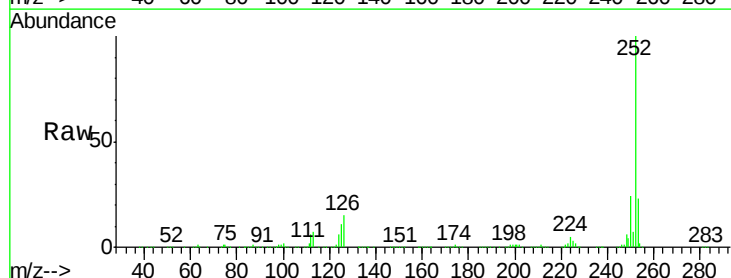
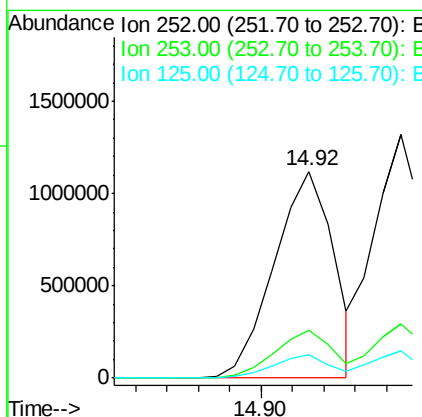
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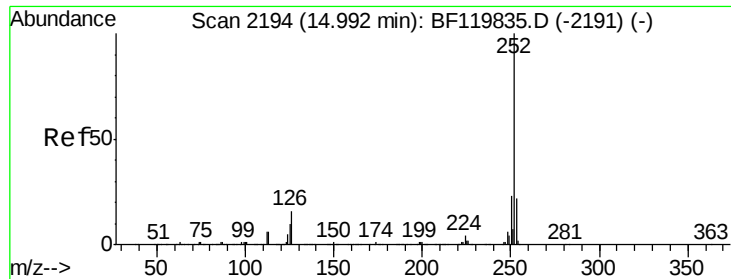
mohammad
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#88
Benzo(b)fluoranthene
Concen: 52.865 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.2	7.4	11.2#





#89

Benzo(k)fluoranthene

Concen: 58.229 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MSD

Tot Ion:252 Resp: 1393901

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

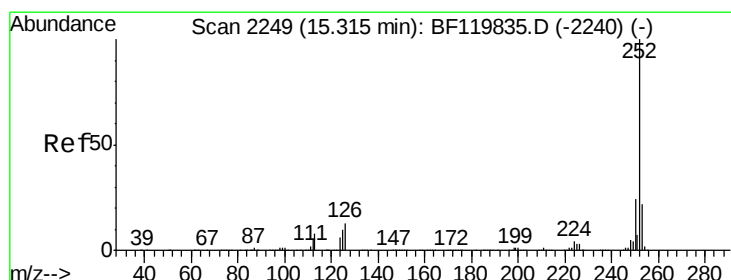
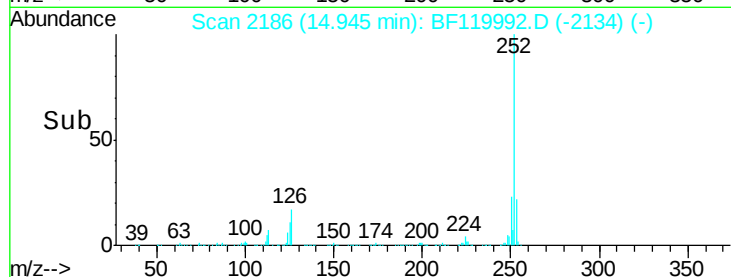
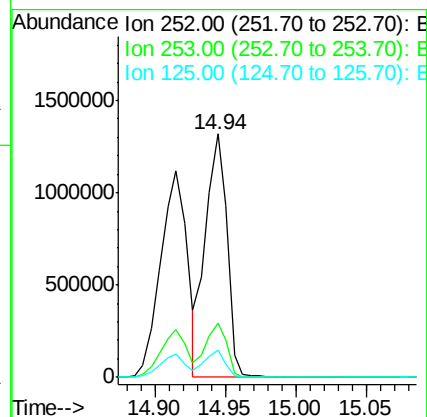
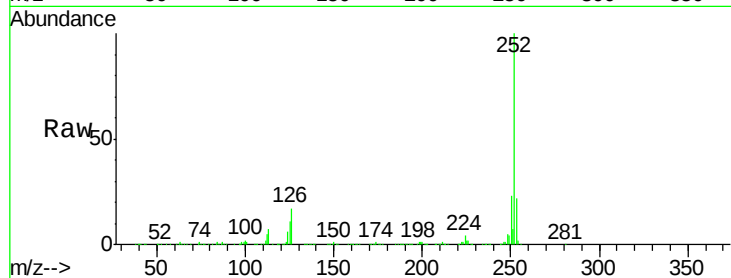
125 11.1 7.7 11.5

Manual Integrations

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#90

Benzo(a)pyrene

Concen: 53.901 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF119992.D

Acq: 15 Apr 2020 14:35

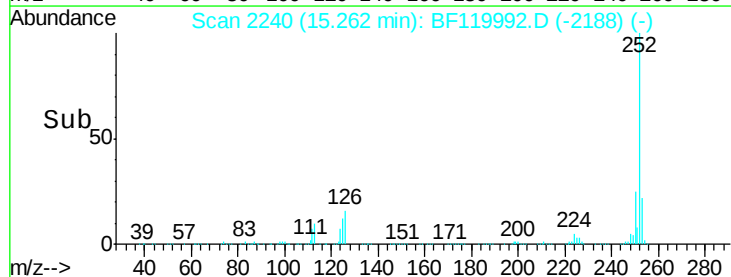
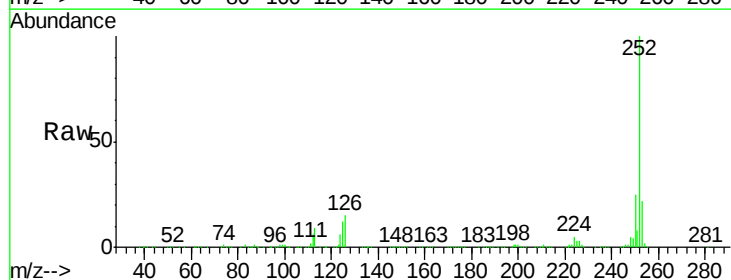
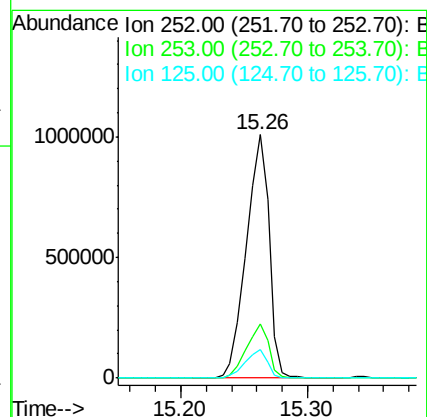
Tgt Ion:252 Resp: 1257373

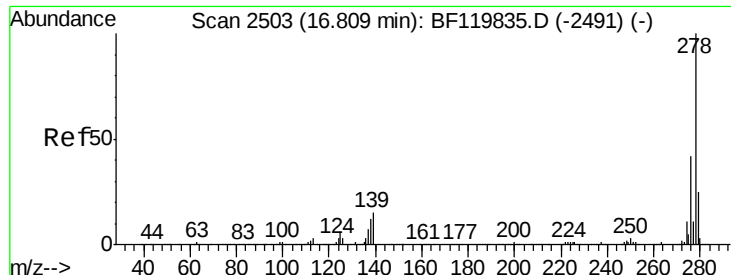
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.7 8.3 12.5





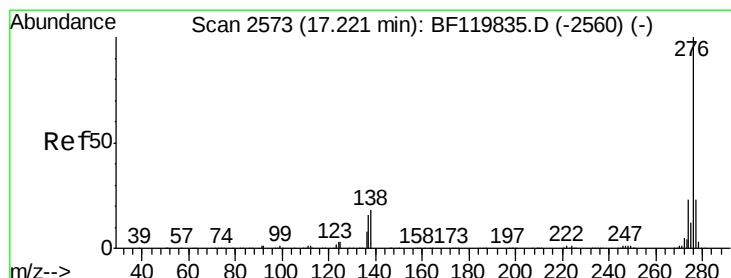
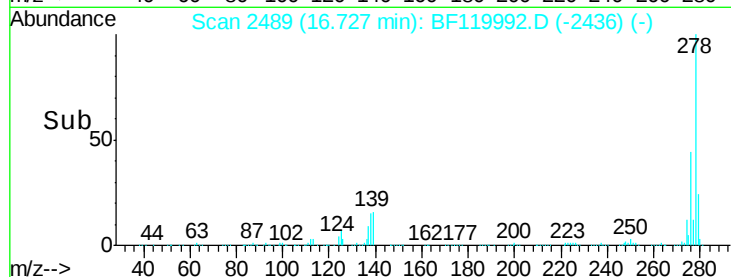
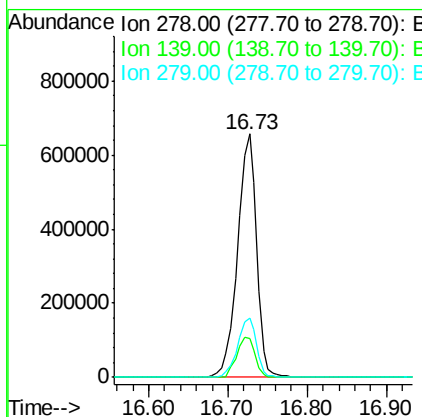
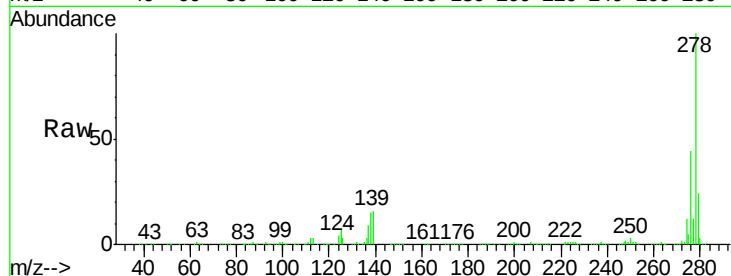
#91
Dibenzo(a,h)anthracene
Concen: 52.927 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.6	17.4
279	24.5	19.7	29.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 52.940 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF119992.D
Acq: 15 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	22.2	14.6	22.0

